STRUCTURAL CALCULATIONS

100% CONSTRUCTION DOCUMNETS - 04/17/07

Of

THE HALL OF JUSTICE

Los Angeles, California

VOLUME I

Prepared for:

Nadel Architects, Inc.
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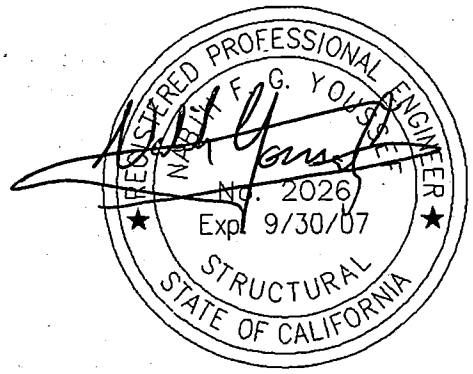
NYA Job # 05121



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A: Response to Previous Design Review Comments

County of Los Angeles
Department of Public Works
Architectural Engineering Division

Design Review Comments

PROJECT: The Hall of Justice
50% CD
JOB NO: A3203652

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Signature of Reviewer_____

Comments for STRUCTURAL Plans dated February 8, 2007.
Note: Engineer is requested to return a copy of these comments with responses indicating how the comments have been resolved, revised plans, calculations, and other supporting documents when resubmitting for approval.

No.	Ref. To Plans/Specs	Comments	Resolutions
		100% DD Design Review Comments	
100DD-01	General	For Historical Buildings, structural evaluation and design shall be performed in accordance with Chapter 34, Division II, of the 2002 LACBC and State Historical Building Code (SHBC). It should be specified as such on Drawing S1.00.	See Code section on revised drawing S1.00.
100DD-02	Calculations-Design Basis	Section 3.3: Site-specific response spectrum should be consistent with the geotechnical report prepared by Converse Consultants and based on a 10% probability of exceedance in 50 years with a damping ratio of 5% unless justified otherwise.	The noted response spectrum has been used.
100DD-04	Calculations-Design Basis	Section 4.3: Would the material tested strengths provided by Twining	The material strengths per the Twining test data were used in

Design Review Comments

		Laboratories be used for the new retrofit? The material properties between drawings and calculations should be consistent.	the design. The data shown under Existing Structural Properties on S1.00 have been updated to reflect the test data.
100DD-07	Calculations-Part E and F	Pier horizontal and vertical reinforcement should be consistent between calculations and drawings. Verify and revise drawings as needed.	The drawings have been revised.
100DD-08	Calculations-Part F	Will the wall design be revised to eliminate design inadequacies as identified in ETABS output?	The drawings and calculations have been revised. Note that for typical wall piers, edge reinforcing has been detailed based on the simplified (conservative) pier section design output from ETABS. Where the wall piers were overstressed using this method, the actual reinforcing was input into ETABS and the capacity ratios were calculated using axial/moment interaction diagrams calculated by ETABS. (See Section H of Volume I). Also note that the wall pier shear design is based on the spreadsheet presented in Section G of Volume I, not the ETABS design.
100DD-09	Calculations-	It appears that several of the spandrel beam shear demand	Beam widths and concrete

	Part G	exceeds 4sqrt(f'c)bd and need to be designed as coupling beams per Section 1921.6.10 of LACBC. Verify and revise as needed.	strengths have been revised such that only one beam exceeds the limit by more than 8 percent. This beam has been provided with diagonal bars. See revised drawings and calculations (Volume I Section I).
100DD-10	Calculations-Part I	Verify if the foundation reinforcement are consistently reflected on drawings.	Foundation reinforcement has been revised. Note that the required reinforcing per the SAFE analysis is the total required including the existing foundation reinforcing and is based on fy = 42 ksi. The required new reinforcing is calculated by subtracting the existing reinforcing from the required reinforcing per SAFE and multiplying the net area by 42/60. See calculations in Volume II Section E.
100DD-11	Drawing S1.00	References made to UBC/CBC or LA City should be changed to 2002 LACBC and LA County respectively. Please check and revise all relevant notes as required.	See revised drawings.
100DD-12	Drawing S1.00	Provide design criteria for floor framing and wind and seismic design.	See Code section on S1.00.
100DD-13	Drawing S1.00	To avoid sole source procurement of products during construction, specify "or approved equal" next to product	See revised drawings.

		name/designation wherever applicable.	
100DD-14	Drawing S1.00	Foundations: Should the geotechnical report and soil properties be specified based on the report prepared by Converse Consultant dated May 5, 2003?	The design properties of the soil per the soil report are indicated in Foundation Notes 4 and 5.
100DD-15	Drawing S1.00	Adhesive and Expansion Anchors: Add a note instructing the Contractor to avoid interference between new dowels/anchors and existing reinforcement/embedment. Drawings and specifications should require the Contractor to be solely responsible for locating the existing rebar prior to drilling, surface preparation, and proper installation of new dowels.	See note 3 under Adhesive and Expansion Anchor notes on S1.00.
100DD-16	Drawing S1.00	Pre-Engineered Structures: Add a note to the list of deferred submittals, "The deferred submittals items shall be submitted to the architect or engineer of record who shall review and approve them, and forward them to the building official with a notation indicating that the deferred submittal documents have been found to be in general conformance with the design of the building. The deferred submittal items shall not be installed until their design and submittal documents have been approved by the building official. Provide ample time for the building official to review the documents."	See note 5 under Pre-Engineered Structures notes on S1.00.
100DD-17	Drawing S1.00	Concrete: Do all existing concrete surfaces that would receive new concrete need to be roughened to full amplitude or as specified on drawings?	Existing wall surfaces need not be roughened. See revised Concrete note 9 on S1.00.
100DD-18	Drawing S1.00	Structural Steel: 1. Add a note, "Steel fabrication shall be done in a shop of an	See Structural Steel Note 1 on S1.00.

Design Review Comments

		approved fabricator holding a Certificate of Approval from the City of Los Angeles or equal." A Certificate of Fabrication from the shop performing the welding or a report from a County of Los Angeles Certified Special Inspector must be furnished to the job inspector prior to framing approval. 2. All field welding shall be performed by a certified welder and continuously inspected.	
100DD-19	Drawing S1.00	Structural Allowance: Provide more complete criteria for crack repair of damaged structural components.	See revised notes on S1.00.
100DD-20	Drawing S1.00A	Add a list of the existing drawings that will be provided to the Contractor for use during construction.	See Existing Building Drawings notes on S1.00A.
100DD-21	Drawing S1.00A	Welding, Note 4: Should CVN of "20 ft-lbs at zero degrees" be changed to "20 ft-lbs at minus twenty degrees" to comply with the Section 7.3(a) of ANSI/AISC 341-02 (Seismic Provisions)?	The note has been revised.
100DD-22	Drawing S1.00A	Will notes and specifications be provided on fiberwrap and fiberwrap included in the list of deferred submittals?	See Fibrous Reinforcing System notes on S1.00A and new specification section 03240.
100DD-23	Drawing (D) S2.XX	1. Will the full extent of wall demolition and framing (including end connections to the supporting columns and beams) be defined? 2. Will new opening sizes and locations be provided on drawing? 3. Will hollow-clay tiles be removed and indicated as such on demolition drawings? Provide adequate supports to those historical walls that remain for out-of-plane forces.	1. See revised drawings. 2. See architectural demolition drawings for dimensions. 3. Metal stud backing per 11/S4.11 has been added at HCT walls to remain.

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100DD-24	Drawings S3.01 to 3.05	Would the use of proprietary epoxy dowels help reduce the embedment length requirements?	Due to the close spacing of the dowels, the bar development length has been indicated for the embedment to ensure full development of the bar tension capacity.
100DD-27	Drawing S4.00	Detail 3: Check the adequacy of bottom reinforcement at Line 1 and 12 and revise detail as needed.	See revised drawings and calculations.
100DD-28	Drawing S4.02	Detail 13: The interface connection between the underside of existing slab and the new reinforced concrete wall must be detailed to prevent the formation of weak shear plane caused by the shrinkage of concrete. Revise detail as required.	See revised details showing a grout space.
100DD-29	General	Will calculations be provided to check the existing columns and walls at eleventh and thirteenth floor and determine strengthening requirements if needed?	Existing column have been checked using RAM. See calculation Volume II Section C. Note that built up section properties have been entered into RAM data base for exiting columns without a close modern shape with similar properties. See Section D for calculations of column strengthening.
100DD-30	General	Will calculations be provided for the design of existing URM strong back, exterior stone / terra cotta, penthouse and equipment anchorage?	See Volume II Section G pages 1-3 for calculations for URM strong backs. See Volume II Section G Page 4

			for calculations for strong/terra cotta anchorage. See Volume I Section J for penthouse lateral analysis. See Volume II Section A for penthouse gravity framing.
100DD-31	General	Will calculations be provided for the design of new/modified floor framing?	See Volume I Section A for new beam design/existing beam check. See Volume II Section B for existing beam strengthening.
		50% CD Design Review Comments	
50CD-01	Drawing S1.00	Concrete Note 1: Should a concrete strength of 8000 psi be used for new walls located above tenth floor instead of eleventh floor to be consistent with Section G of calculations?	The note will be revised.
50CD-02	Drawing S1.00	Pre-Engineered Structures: I understand light gage steel, stairs, and equipment support systems are a part of this package. Provide appropriate notes, plans, and details for these systems. Architectural Drawings HA6.02 to 6.05 refer to structural drawings for masonry anchors and light gage steel stud framing.	See detail 1, 9, and 11/S4.11 fro light gage framing used to brace URM/HCT walls. See architectural drawings for typical light gage framing details. The penthouse stair framing is shown in partial plans on S2.17. Refer to architectural drawings for details. Refer to mechanical drawings for equipment anchorage. (Note that most mechanical equipment will be installed in a future phase.)

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50CD-03	Drawings S1.00 and 1.00A	Number notes in General, Concrete, and Welding sections.	See revised drawings.
50CD-04	Drawing S1.00A	Cladding Pinning Notes: Will masonry anchor testing procedure and acceptance criteria be provided?	See Anchor Testing notes on S1.00A.
50CD-05	Drawing S1.02	1. Field welding symbol should be added where applicable. 2. Detail 3: Indicate the need for shoring to alert the contractor. 3. Detail 8: Specify plate size and concrete encasement at columns. The end condition of plates at top and bottom of column should be provided. 4. Consider providing horizontal short slotted holes for bolted connections to join new steel to the existing.	1. The determination of what welds can/should be performed in the shop has been left to the contractor.
50CD-06	Drawing S1.03	Would negative reinforcement be provided in composite decks over steel beams to prevent cracks during service condition?	See detail 15/S1.03.
50CD-07	Drawing (D) SX.XX	1. The legends should be consistent between structural and architectural drawings and show demolition legends on structural drawings. 2. The structural demolition including removal of ramps, stairs, and openings should be consistent with architectural drawings for size, location, and extent. 3. Add demolition notes and details as necessary to cover all conditions including full/partial demolition of slabs and beams, demolition sequence, and shoring requirements.	1. See legend on demo plans. 2. See revised plans. 3. See notes on demo drawings.
50CD-08	Drawing (D) S2.00	Show demolished slab-on-grade at perimeter walls to allow expansion of foundation and slab replacement.	See revised drawing.
50CD-09	Drawing S2.00	1. Coordinate with Architectural Drawing A2.00 to locate new elevator pit between Lines G and H and fill an adjacent	1. See revised drawing. 2. The new wall passes over

		elevator pit. 2. Provide opening in new wall to align with the existing utility door at Line A. 3. Show footing for new Stair #4.	the existing opening. See elevation on S3.03.
50CD-10	Drawing S2.01 to S2.14	1. Specify new beam TOS elevation (to ensure finished floor elevations match the existing floor), metal studs, and camber as required. 2. Provide details at various interface locations to connect new deck and framing to existing steel and walls. 3. Coordinate structural plans with architectural and demolition drawings. 4. Verify the constructibility of stair ties at Stair # A and B, and revise Detail 4/S4.11 as needed.	1, TOS has not been specified since the exact as-built elevations are not known. The new steel shall be located as required to match the new and existing top of slab. 2. See details 2-4/S1.02, 12/S1.03, 14-17/S4.03, 15/S4.11.
50CD-11	Drawing S2.01 to S2.14	Would details be provided to connect new concrete shear walls to the existing columns to properly engage columns for stability check? Will column splice and base plates be checked for uplift capacities?	Existing column loads have been conservatively ignored in the design of the new shear walls. That is, the new wall reinforcing has been sized for tension without relying on transfer of load to the existing columns.
50CD-12	Drawing S2.01 to S2.14	Would fiberwrap be effective to limit damage to both sides of URM light court walls during out-of-plane loads?	The fiber wrap will prevent the URM from falling into the stair way.
50CD-13	Drawing S2.11	Demolished elements including Stair #3 and 5 should not be shown on final drawings.	See revised drawing.
50CD-14	Drawing S2.12	More complete details should be shown for hangers that are located in four corners of the building.	
50CD-15	Drawing	Add sections and details to provide structural information on	See detail 7/S4.03.

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	S2.15	parapet steel framing.	
50CD-16	Drawing S2.15	Check the adequacy of the existing roof framing for new mechanical room loads.	
50CD-17	Drawing S2.16	Coordinate roof access, and column locations with the architectural drawings.	See revised drawings.
50CD-18	Drawing S2.16	Provide braced frame elevations to specify member sizes, and connections and details.	See elevations on S2.16.
50CD-19	Drawing S3.01 to S3.05	Show pockets at the existing steel beams and provide details at interface between new walls and encased steel beams.	Showing pockets on thee elevations at each existing beam would make the reinforcing callouts shown on the elevations illegible. Detail 18/S4.03 referenced on the elevations has been added to the interface between the new wall and existing beams.
50CD-20	Drawing S4.03	Check the adequacy of shallow anchors to transfer diaphragm shear into drag beams.	See Volume I Section L page 22.
50CD-21	Drawing S4.11	Provide more complete information, particularly in Detail 1 and 6.	

B: Design Basis and Methodology

DESIGN BASIS AND METHODOLOGY

95% CONSTRUCTION DOCUMENTS – 4/17/07

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1. PROJECT BACKGROUND

1.1 Building Description

The existing Hall of Justice building is located in downtown Los Angeles, California at 211 West Temple Street. The existing building was designed in 1923 by the Mechanical Department of the County of Los Angeles and constructed in 1925. The height of the building is approximately 175'-4" to the roof level and 193'-5" to the top of the canopy. The building has 14 stories, includes a basement level and has a roof penthouse. The plan dimensions of the building are approximately 225'-2" in the north to south direction and 181'-2" in the east to west direction. The building has two interior light courts that are approximately 45' by 88' in dimension and begin at the 2nd level.

The proposed development of the building is to remain the same as the existing occupancy category (Class 'A' Office Building). The development of the building will include removal of the jail cells at the 10th through 13th floor levels including the floor slabs at the 11th and 13th levels allowing for story heights at the 10th and 12th levels to be increased from 9'-6" to 19'-0".

2. EXISTING STRUCTURE DESCRIPTION

2.1 Existing Gravity Load Carrying System

The typical existing gravity frame system includes concrete encased steel beams and columns. The beams are either built up sections fabricated of steel plates and angles or standardized rolled flanged steel sections that were commonly used in 1925. The columns are built up sections fabricated of steel plates and angles. The plates and angles of the built up sections are typically connected by steel rivets commonly used at the time of construction. The concrete encasement of the steel beams and columns serves as the fireproofing. The steel beams and columns support the reinforced concrete floor slabs that range in thicknesses from 4" to 7".

2.2 Existing Lateral Load Carrying System

The existing vertical lateral force resisting system consists of 8" reinforced concrete wall piers around the perimeter of the structure unreinforced masonry walls around the perimeter of the interior light courts. The 8" wall piers are coupled by exterior steel spandrel beams; however the connection of the beam to pier does not have the required strength and ductility to transfer moments to the wall piers and has been assumed to have limited fixity. The existing steel frame beams are riveted at both the top and bottom flanges with clip angles to the face of the steel columns and also provide a limited amount of stiffness; however the stiffness contribution of the steel

frame is substantially less than the concrete and URM wall elements. The reinforced concrete floor slabs transfer the inertial seismic loads to the vertical lateral force resisting system through bearing on the existing steel columns and shear friction of the slab dowels to the exterior concrete walls.

2.3 Existing Foundation System

The foundation system consists of 3'-6" thick perimeter concrete retaining walls sitting on strip footings and isolated pad footings below all steel columns at the basement level.

3. Retrofit Design Basis and Methodology

3.1 Required Performance Objectives

The primary function of the seismic goals is to establish performance objectives for evaluation of the existing building and design of the seismic strengthening system. The seismic goals, as outlined below, are intended to meet both life safety and damage mitigation objectives of the County of Los Angeles for the Los Angeles County Hall of Justice Building.

1. Insure stability (prevent collapse) of the structural system during the maximum capable earthquake.
2. Prevent falling hazards, which pose a significant life safety hazard.
3. Insure safe means of egress from the building.
4. Insure that life safety systems remain operable.
5. Maintain integrity and limit damage to the building exterior façade.
6. Limit damage to the historic interior fabric, building contents, fixtures, etc.

3.2 General

The design of the new strengthening system shall conform to the regulations of the County of Los Angeles 2002 Building.

3.3 LACBC 2002 Minimum Code Requirements

1. LACBC 2002 Code Minimum Base Shear:

   a. Seismic Zone 4
   b. Seismic source type: B
   c. Soil Profile Type: S_c
   d. Near-Source Factors: Na = 1.0, N_v = 1.1
   e. Seismic Coefficients: Ca = 0.40, C_v = 0.63
   f. Seismic Importance Factor: I = 1.0
   g. Ductility Factor: R = 5.5

(Retrofitted Walls as Non-Bearing Wall System. Existing Steel Frame to be used as primary gravity load carrying system)

h. Seismic Dead Load of Building, W = 110,000 kips (Dead loads to be confirmed with field verification of material densities)

Code equations for the static lateral base shear force:

$T_{method\ a} = C_t(h_n)^{3/4} = 0.02(175'\text{-}4")^{3/4} = 0.96$ sec

$T_{method\ b} = 1.25$ sec

$$V_{static} = \frac{C_v I}{RT} W = \frac{(0.63)(1.0)}{(5.5)(1.25)} W = (0.0916)W \qquad \leftarrow \text{Governs static load}$$

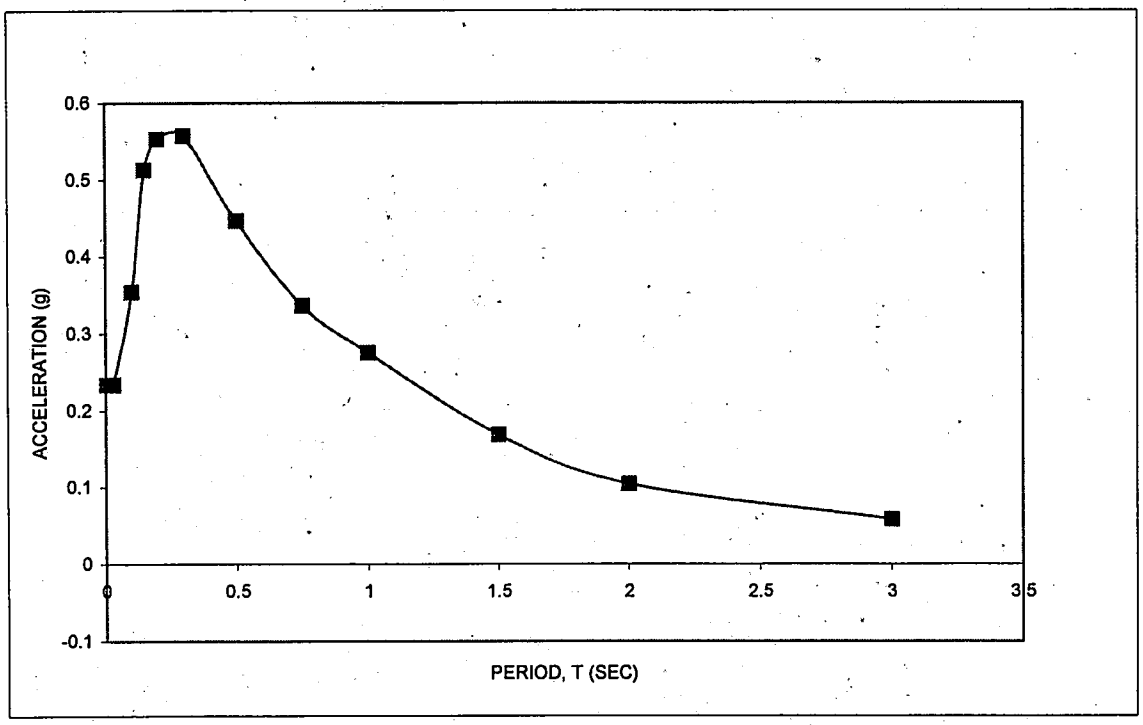
$$V_{static} < \frac{2.5 C_a I}{R} W = \frac{2.5(0.40)(1.0)}{(5.5)} W = (0.182)W$$

$$V_{static} > .11 C_a I W = .11(0.40)(1.0) W = (0.044)W$$

$$V_{static} > \frac{0.8 Z N_v I}{R} W = \frac{0.8(.4)(1.1)(1.0)}{5.5} W = (0.064)W$$

$V_{static} = (0.0916)110{,}000$ kips $= 10{,}076$ kips

Dynamic response spectrum analysis is performed using acceleration response spectra generated from velocity spectra provided in the geotechnical report. The response spectra are plotted in the following graph:



Site Specific Acceleration Spectra per Geotechnical Report

1. Wind Design:
   a. Basic Wind Speed: 70 mph
   b. Exposure Category: B

2. Superimposed Live Loads:
   a. Roof – 20 psf
   b. Office Floors – 50 psf
   c. Assembly Area: 100 psf

3.4 Local Faults

Southern California is traversed by several active faults that are capable of producing moderate to large magnitude earthquakes. Figure 3.1 shows the major faults affecting the property. The principal faults are **Hollywood, Raymond, Newport-Inglewood, Elysian Park and Verdugo.** The historical data available on each of these faults was reviewed.

Table 3.1 - Major Active Faults Affecting the Site

Fault	Maximum Credible Earthquake Magnitude (Richter Scale)	Recurrence Interval (Years)	Distance to Site (miles)
San Andreas-			
(San Bernardino	7.3	433	36
segment)	6.4	626	4.2
Hollywood	6.5	1541	5.1
Raymond	6.9	1006	6.3
Newport-Inglewood	6.7	549	6.9
Elysian Park	6.7	1608	7.2
Verdugo			

Reference: Fault Activity Map of California, State of California and Peak Acceleration from Maximum Credible Earthquakes in California, CalTrans.

Although the subject-building site may experience moderate ground shaking from earthquakes on a number of fault segments, the fault segment that is likely to generate the strongest ground shaking is the **Hollywood Fault** Segment. Such an earthquake is

likely to result in a Modified Mercalli Intensity (MMI) ranging between VII to VIII (7 ~ 8) at the building site

Based on an increased knowledge of ground motions caused by earthquakes, currently adopted building codes have established values for strength and displacement that exceed the capacity of the current building configuration as evident by damage sustained during past earthquakes and as could be expected to occur during future earthquakes. The current building configuration does not have a well-developed system to meet the code-based values for strength and displacement.

4. Analysis of Existing Structure and Proposed Retrofit Scheme

4.1 Seismic Performance of Existing Lateral System

Although the existing lateral force resisting system is inherently redundant, it is evident that the existing wall and slab elements do not meet the current code level strength, ductility, and detailing requirements. The primary lateral resistance in the existing structural system is offered by the exterior 8" concrete wall piers, which are coupled by the exterior steel spandrel beams. The 8" wall pier centerline is eccentric to the centerline of the steel spandrel beam with the inside face of the wall typically aligning with the outside edge of the steel beam flange. The existing concrete wall piers are typically connected to the diaphragm with #3@16+/-"O.C. slab dowels; however the pier is only bonded to the side of the concrete encased steel beam with unreinforced concrete.

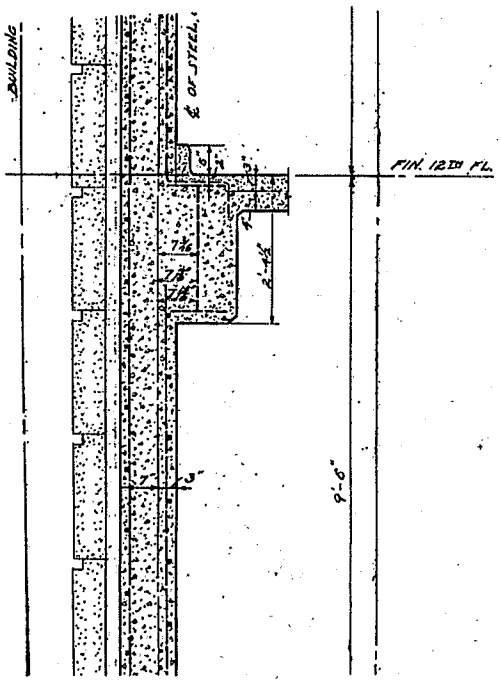
The concrete connection has very little rotational capacity and ductility to transfer moment between the concrete pier and concrete encased beam; with torsional fracture occurring in the unreinforced concrete, at an interstory drift of 0.25%+/-, thus decoupling the pier and spandrel beam in flexure. The #3 slab dowels provide the primary vertical and lateral support to the concrete pier after debonding of the concrete to the steel beam. The decoupled piers behave as slender concrete walls cantilevering from the ground to the roof, offering very little stiffness with little ability to control the drift in the building. The unreinforced masonry infills in the light court also offer significant initial stiffness to the building; but after cyclic loading and drifts in excess of 0.5% will crack with a significant loss in strength and stiffness. Redistribution of seismic force to the existing steel frames will occur after the loss of strength and stiffness in the existing wall elements with interstory drifts exceeding 2%; causing the existing stone veneer and other secondary structural systems to exceed their failure limit states.

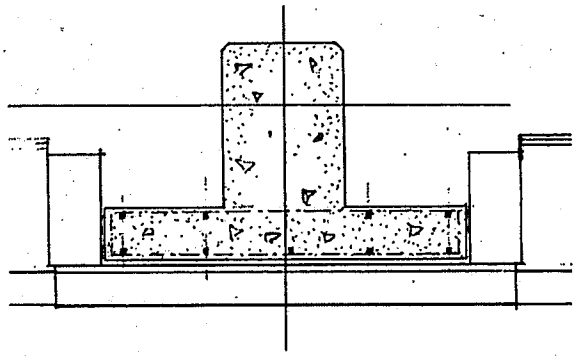
4.2 New shear Wall Strengthening

The proposed seismic strengthening consists of new shear walls from the basement to roof at the exterior corners of the building, with the vertical wall piers coupled by new concrete spandrel beams to form a cantilever wall system. The thickness of the walls varies from 18" at the first floor to 14" at the top of the building. As mentioned in the previous section, the existing building lateral resisting system (exterior 8"wall piers and interior light court URM walls) has very little stiffness and lateral capacity after interstory drift levels have exceeded 0.5%; thus the new shear walls will be designed to resist 100% of the design base shear. The new shear walls will also provide enough stiffness to limit the interstory ratios to 1.0%+/- (acceptable drift performance level after the exterior stone backing systems and interior URM walls are strengthened).

Exterior Stone Cladding System

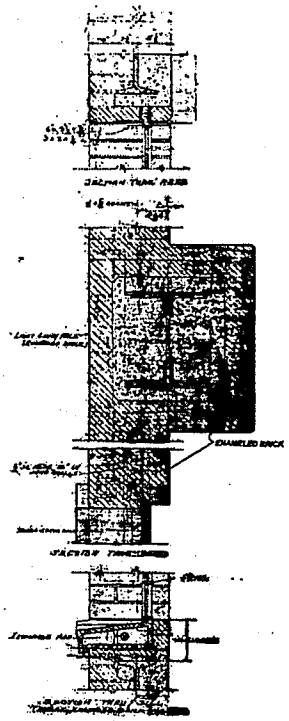
The existing 8" concrete piers will act as a concrete panel veneer backing system with interstory deformation capabilities in excess of 1%. The existing stone panels will anchored to the 8" concrete piers using Helifix anchors to insure a reliable connection between the stone and the concrete.





URM Walls

The URM in the light courts will also be treated as a veneer and strengthened with a strong back tube system and/or glass fiber backing system. This will allow the URM to exceed lateral deformations of 1.0%, without becoming a falling hazard.



Existing Steel Frame:

The existing steel frame system in the building consists of built-up wide flange columns with wide flange beams riveted to the columns with clip angles at the top and bottom flanges. This type of connection will behave similar to a partially restrained (partially rigid) moment connection with limited rotational fixity. The stiffness contribution of the steel frame system however will be very low (less than 10%) with respect to the new shear wall system.

Foundations

The existing foundations will be verified to meet the strength objectives required to transfer the seismic forces from the new shear wall system to the bearing strata below. The new shear wall strengthening will be epoxy doweled into the existing basement walls and foundation walls below. This will allow the shear walls to engage the foundations through the entire perimeter of the building by coupling the basement walls as deep beams. The basement walls will be strengthened where required. The existing continuous wall footings will be expanded to reduce bearing pressure under gravity and seismic loads to the allowable soil bearing pressure per the geotechnical report.

4.3 Structural Analysis and Computer Modeling Techniques

Existing and New Material Properties used for Design and Analysis:

Typical Exterior 8" Concrete (145#/ft^3) Wall Panels.....3,200psi
Typical 4"-7" Concrete (130#/ft^3) Slabs.....3,200psi
All Other Concrete (130#/ft^3).....3,200psi
Existing A15 Billet Steel Reinforcing Bars.....42,000psi
ASTM A9 Structural Steel Yield Strength.....30,000psi
ASTM A9 Structural Rivet Steel Yield Strength.....25,000psi
New Lightweight Concrete (110#/ft^3) Slabs.....3,000psi
New Concrete (150#/ft^3) Shear Walls and Drag Beams
Above Tenth Floor.....6,000psi
Below Tenth Floor.....8,000psi
All Other New Concrete (150#/ft^3).....4,000psi
New Reinforcing Steel – A615-Grade 60.....60,000psi
New Weldable Reinforcing Steel-A706 -Grade 60.....60,000psi

Computer Modeling and Material Assumptions

In order to assess the performance of the strengthened building, a computer model of the building has been developed using ETABS V8.5

C: Load / Mass Criteria

Hall of Justice
Load / Mass Criteria

Average concrete weight from Twining Laboratories reports
Floors (slab,beams and cols.) 138 pcf
Walls 130 pcf

(E) Typical Floor

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
1" fill	12	12	12
15"-42.9# beam@7'4"	25	25	25
18"-75.6# girder@15'	18	18	18
Columns	15	0	15
Partitions	20	20	10
CME	4	4	4
Total	139.5	124.5	129.5
Used	140	125	130
Mass			4.037
LL	50 psf		

(E) Typical Floor Corridor

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
3" fill	35	35	35
15"-42.9# beam@7'4"	25	25	25
18"-75.6# girder@15'	18	18	18
Columns	15	0	15
Partitions	20	20	10
CME	4	4	4
Total	162.5	147.5	152.5
Used	163	148	153
Mass			4.752
LL	100 psf		

(E) Levels 10 thru 14 cells

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
3" fill	35	35	35
15"-42.9# beam@5'-6"	34	34	34
20"-85# girder@15'	18	18	18
Columns	15	0	15
Partitions	20	20	10
CME	4	4	4
Total	171.3	156.3	161.3
Used	172	157	162
Mass			5.031
LL	50 psf		

(N) Roof

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
(N) Roofing	10	10	10
15"-60.8# beam@8'	26	26	26
RT-32 @ 16.5'	25	25	25
Columns	7.5	0	8
Partitions	0	0	5
CME	4	4	4
Total	118.5	111.0	123.5
Used	120	115	124
Mass			3.851
LL	20 psf		

(E) Roof Canopy

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
Metal Roof	3	3	3
Steel framing	52	52	52
Total	101	101	101
Factor	1.4	1.4	1.4
Total	141.4	141.4	141.4
Used	142	142	142
Mass			4.41
LL	12 psf		

Canopy mass was applied over 17' horizontal projection.
Canopy is at 45 degrees so mass/dead load was increased by 1.4.

(E) Roof w/brick

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
2.5" Brick	31	31	31
15"-60.8# beam@8'	26	26	26
RT-32 @ 16.5'	25	25	25
Columns	7.5	0	8
Partitions	0	0	5
CME	4	4	4
Total	139.7	132.2	144.7
Used	140	133	145
LL	50 psf		

Hall of Justice
Load / Mass Criteria

(E) Concrete wall @ roof canopy

4" wall	43 psf
Height	11 ft
Total	476.7 plf
Mass	14.8

(E) Elev #10 Machine Room

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
10"-25.4# bm.@5.5'	21	21	21
10"-25.4# gir.@11'	11	11	11
Columns	6	0	6
Partitions	20	20	10
CME	4	4	4
Total	108.2	102.2	98.2
Used	109	103	100
LL	50 psf		

(E) Elev #10 Penthouse Roof

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
5" avg slab	58	58	58
10"-25.4# bm.@5.5'	21	21	21
10"-25.4# gir.@11'	11	11	11
Columns	3	0	3
Partitions	0	0	5
CME	4	4	4
Total	96.7	93.7	101.7
Used	97	94	107
LL	20 psf		

(E) Elev #1 Machine Room

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
12"-40.8# bm.@5.5'	28	28	28
12"-31.8# gir.@5.5'	26	26	26
Columns	6	0	6
Partitions	20	20	10
CME	4	4	4
Total	130.0	124.0	120.0
Used	130	124	122
LL	50 psf		

(E) Tank Room Above Elev #1

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
12"-50# bm.@3'	54	54	54
18"-75.6# gir.@5.5'	48	48	48
Columns	6	0	6
Partitions	20	20	10
CME	4	4	4
Total	178.5	172.5	168.5
Used	179	173	170
LL	150 psf		

(E) Elev #9 Penthouse Roof

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
5" avg slab	58	58	58
12"-40.8# bm.@5.5'	28	28	28
10"-25.4# gir.@5.5'	21	21	21
Columns	3	0	3
Partitions	20	20	10
CME	4	4	4
Total	133.8	130.8	123.8
Used	134	131	129
LL	20 psf		

(E) Elev #1 Penthouse Roof

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
5" avg slab	58	58	58
7"-15.3# bm.@5.5'	14	14	14
7"-15.3# bm.@11'	7	7	7
Columns	3	0	3
Partitions	20	20	10
CME	4	4	4
Total	105.5	102.5	95.5
Used	106	103	100
LL	20 psf		

Level 9 Court and Jury Room HCT to remain

6 " HCT Wall	28 psf

Hall of Justice
Load / Mass Criteria

(N) Penthouse Roof

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
3" deck + 2.5" LWC	39	39	39
beams	7	7	7
columns	1	0	1
partitions	0	0	5
roofing	10	10	10
CME	4	4	4
misc	6	6	6
Total	67.0	66.0	72.0
Used	70	70	75
Mass			2.329
LL	20 psf		

(N) Elev Machine Room

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
3" deck + 2.5" LWC	39	39	39
beams	7	7	7
columns	1	0	1
partitions	20	20	10
CME	4	4	4
misc	6	6	6
Total	77.0	76.0	67.0
Used	80	80	70
Mass			2.174
LL	50 psf		

(N) Floor

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
2" deck + 4" LWC	51	51	51
1" fill	13	13	13
beams	7	7	7
columns	1	0	1
partitions	20	20	10
CME	4	4	4
misc	6	6	6
Total	101.3	100.3	91.3
Used	105	105	95
Mass			2.95
LL	50 psf		

(N) Roof (metal deck)

	Gravity {psf}	Mass {psf}	RAM {psf}
Metal Deck	4	4	4
CME	4	4	4
beams	5	5	0
columns	1	1	0
roofing	9	9	9
partitions	0	5	0
misc	2	2	2
Total	25	30	19
Used	25	30	20
LL reducible code level	20		

(E) Typical Floor + Built Up Slab at Level 1

	Gravity Load Cols {psf}	Floor {psf}	Mass {psf}
4" slab	46	46	46
1" fill	12	12	12
15"-42.9# beam@7'4"	25	25	25
18"-75.6# girder@15'	18	18	18
Columns	15	0	15
Partitions	20	20	10
CME	4	4	4
4" LWC slab	38	38	38
Total	177.9	162.9	167.9
Used	178	163	168
Mass			5.217
LL	100 psf		

Cladding at (N) Penthouse

Cladding	10 psf
Height	30 ft
Total	300 plf

Hall of Justice
Load / Mass Criteria

Mass	9.317

(N) Light court parapet

4" brick	40 psf
stud wall	10 psf
Total	50 psf
Used	50 psf
Height	5 ft
Total	250 plf
Mass	7.764

Hall of Justice
Average concrete weight from Twining Laboratories reports

Floors

Location	Unit Wt. {pcf}
Level 4, Room 442 South Floor	140.6
Level 12, Room 1216 Southwest Floor	134.1
Level 14, Room 1429 Northwest Floor	133.7
Level 1, Room 114 East Floor	135.5
3rd Floor Ceiling	138.2
Level 9, Room 949 East Floor	141
Average	137.2
Used	138

Walls

Location	Unit Wt. {pcf}
Basement B51 North Wall	142.2
Basement B42 West Wall	137.3
First Floor Wall	100.4
Level 2, Room 207 South Wall	138.5
Level 4, Room 442 South Wall	134.9
Level 6, Room 669 North Wall	136.1
Level 8, Room 839 West Wall	134.7
Level 10, Room 1027 North Wall	135
Level 12, Room 1216 West Wall	133.7
Level 14, Room 1427 West Wall	132.6
2nd Floor Wall	109.5
12th Floor Wall (Stair #23)	102.1
Average	128.1
Used	130

Hall of Justice
Column Mass

Shape	Notes	H	Web d	Web tw	Angles (4) l	Angles (4) w	Angles (4) t	Steel prop bf	Steel prop d	Steel prop As	Steel prop wt	Conc covers side	Conc covers top	Conc covers bot	Conc prop w	Conc prop d	Conc prop Ac	Conc wt	Conc wt	Total wt	w
		{ft}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{in^2}	{plf}	{in}	{in}	{in}	{in}	{in}	{in^2}	{pcf}	{plf}	{plf}	{lbs}
Col 152	1 to 3	30	13.5	0.75	7	3.5	0.75	14.8	13.5	39.4	134	2	2	2	18.8	17.5	289	138	277	411	12321
Col 152	3 to 5	28.3	13.5	0.5	6	3.5	0.5	12.5	13.5	24.8	84.2	2	2	2	16.5	17.5	264	138	253	337	9526
Col 152	5 to 7	23.7	13.5	0.38	4	3	0.38	8.38	13.5	15	51	2	2	2	12.4	17.5	202	138	193	244	5780
																					27627
Totals		81.9	ft																		
Average wt		337	plf																		
# stories		6																			
Average H		13.7	ft	Deduct 6" for slab thickness																	

Shape	Notes	H	Web d	Web tw	Angles (4) l	Angles (4) w	Angles (4) t	Cover Pls w	Cover Pls t	Steel prop bf	Steel prop d	Steel prop As	Steel prop wt	Conc covers side	Conc covers top	Conc covers bot	Conc prop w	Conc prop d	Conc prop Ac	Conc wt	Conc wt	Total wt	w
		{ft}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{in^2}	{plf}	{in}	{in}	{in}	{in}	{in}	{in^2}	{pcf}	{plf}	{plf}	{lbs}
Col 98	1 to 3	30	13.5	0.75	6	3.5	0.75	14	1.19	14	15.9	69.6	237	2	2	2	18	19.9	288	138	276	513	15391
Col 98	3 to 5	28.3	13.5	0.75	6	3.5	0.75	14	0.75	14	15	57.4	195	2	2	2	18	19	285	138	273	468	13221
Col 98	5 to 7	23.7	13.5	0.75	6	3.5	0.75	14	0.44	14	14.4	48.6	165	2	2	2	18	18.4	282	138	270	436	10315
Col 98	7 to 10	37.9	13.5	0.5	6	3.5	0.56	14	0.63	14	14.8	44.4	151	2	2	2	18	18.8	293	138	281	432	16375
Col 98	10 to RF	54.6	13.5	0.5	6	3.5	0.56	0	0	12.5	13.5	26.9	91.4	2	2	2	16.5	17.5	262	138	251	342	18688
																							73990
Totals		174	ft																				
Average wt		424	plf																				
# stories		14																					
Average H		12.5	ft	Deduct 6" for slab thickness																			

Weight
Col 152 (H-11) 11.5' over 22'x15' 11.7 psf
Col 98 12' over 22'x13.6' 17.0 psf
Avg 14.4 psf

Penthouse Columns

Shape	Notes	H	Web d	Web tw	Angles (4) l	Angles (4) w	Angles (4) t	Steel prop bf	Steel prop d	Steel prop As	Steel prop wt	Conc covers side	Conc covers top	Conc covers bot	Conc prop w	Conc prop d	Conc prop Ac	Conc wt	Conc wt	Total wt	w
		{ft}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{in^2}	{plf}	{in}	{in}	{in}	{in}	{in}	{in^2}	{pcf}	{plf}	{plf}	{lbs}
Col 120	1 to 3	13.5	13.5	0.38	5	3	0.38	10.4	13.5	16.5	56.1	2	2	2	14.4	17.5	235	138	225	281	3799

Weight 281 plf
Area 45.4 ft^2 11'/2*16.5'/2
Weight 5.5 psf

Hall of Justice
Column Mass

Column inside exterior façade stone column

Shape	Notes	H {ft}	
Col 265	11 to 14	28.5	2C-6"-15.5# and 2 C Pl 10x5/8
Average wt		240	plf

Steel prop bf {in}	d {in}	As {in^2}	wt {plf}	Conc covers side {in}	top {in}	bot {in}	Conc prop w {in}	d {in}	Ac {in^2}	Conc wt {pcf}	Conc wt {plf}	Total wt {plf}	w {lbs}
10	8.5	29.6	101	2	2	2	14	12.5	145	138	139	240	6839
													6839

Collonade Columns

Outer diam	4	ft	
Inner diam	3.08	ft	
Area	5.1	ft^2	
Weight	165	pcf	
Weight	841	plf	
Stone + Steel	1081	plf	
Weight	30.8	kips	
Mass each end	15.4	kips	Applied to levels 14 and 10

Hall of Justice
Beam and girder mass

Shape	Notes	Steel prop bf {in}	d {in}	As {in^2}	wt {plf}	Conc covers side {in}	top {in}	bot {in}	Conc prop w {in}	d {in}	Ac {in^2}	Conc wt {pcf}	Conc wt {plf}	Total wt {plf}	
15"-42.9#	Typ	5.5	15	12.48	42.9	2	0	2	9.5	17	149	138	143	186	495
18"-75.6#	Typ	7	18	22.04	75.6	2	0	2	11	20	198	138	190	265	494
20"-85#	10 to 14	6.8	20	25	85	2	-3	2	10.8	19	192.7	138	185	270	490
15"-60.8#	Roof	6	15	17.68	60.8	2	0	2	10	17	152.3	138	146	207	495
10"-25.4#	PH	4.66	10	7.47	25.4	2	0	2	8.66	12	96.45	138	92.4	118	490
12"-31.8#	PH	5	12	9.35	31.8	2	0	2	9	14	116.7	138	112	144	490
12"-40.8#	PH	5.25	12	12	40.8	2	0	2	9.25	14	117.5	138	113	153	490
12"-50#	PH	5.5	12	14.7	50	2	0	2	9.5	14	118.3	138	113	163	490
7"-15.3#	PH	3.66	7	4.5	15.3	2	0	2	7.66	9	64.44	138	61.8	77.1	490

Roof Truss

Shape	Angles (2) l {in}	w {in}	t {in}	gap {in}	As {in^2}	wt {plf}	Conc covers side {in}	top {in}	bot {in}	Conc prop w {in}	d {in}	Ac {in^2}	Conc wt {pcf}	Conc wt {plf}	Total wt {plf}	# memb.	L {ft}	wt {lbs}	
Bot chord	5	3.5	0.38	0.5	6.09	20.7	2	2	2	14.5	7.5	103	138	98.4	119	1	31	3732	
Top chord	5	3.5	0.44	0.5	7.05	24	2	0	2	14.5	5.5	72.7	138	69.7	93.7	1	31	2935	
Vert	3	3	0.31	0.5	3.55	12.1	2	2	2	10.5	7	69.9	138	67	79.1	3	5.9	1404	
Diag	4	3	0.31	0.5	4.18	14.2	2	2	2	12.5	7	83.3	138	79.8	94.1	2	10	1881	
Diag	6	4	0.5	0.5	9.5	32.3	2	2	2	16.5	8	123	138	117	150	2	10	2994	
																Total		12947	lbs
																L		31.33	ft
																w		413.2	plf

Hall of Justice
Exterior (E) Concrete Walls and Stone Veneer

Stone Veneer 165 pcf Distribute 11th and 13th floor mass to floors above and below
Window wt 10 psf

Level Start	End	Story H (ft)	Total Length (ft)	Total Area (ft^2)	Window H (ft)	Window Length (ft)	Window Area (ft^2)	Window Wt (kips)	Conc Wall Area (ft^2)	Conc Wall t (in)	Conc Wall Wt (pcf)	Conc Wall Wt (kips)	Stone Veneer Area (ft^2)	Stone Veneer t (in)	Stone Veneer Wt (pcf)	Stone Veneer Wt (kips)	Total wt Total (kips)	Total wt Total (plf)	Mass Level	Mass (plf)	ETABS Mass
Line 1																					
1	2	13	225	2925	0	0	0	0	2925	36	130	1141	2925	0	0	0	1141	5070	2	3763	117
2	3	17	225	3825	9.417	85	800	8	3025	9	130	295	3025	6	165	250	552	2455			
Line 12 (Line 1 sim)																					
1	2	13	225	2925	6.083	85	517	5	2408	9	130	235	2408	6	165	199	439	1949	2	2202	68
2	3	17	225	3825	9.417	85	800	8	3025	9	130	295	3025	6	165	250	552	2455	3	2368	74
3	4	15	225	3375	6.083	91	554	6	2821	9	130	275	2821	6	165	233	513	2282	4	2270	70
4	5	13.3	225	2981	8.667	91	789	8	2193	9	130	214	2193	9.5	165	266	508	2258	5	2096	65
5	6	11.8	225	2663	8.667	91	789	8	1874	9	130	183	1874	9.5	165	245	435	1935	6	2012	62
6	7	11.8	225	2663	6.917	91	629	6	2033	9	130	198	2033	9.5	165	266	470	2089	7	2475	77
7	8	15.6	225	3506	7.875	91	717	7	2790	9	130	272	2790	9.5	165	364	644	2860	8	2449	76
8	9	12.3	225	2775	8.792	91	800	8	1975	9	130	193	1975	9.5	165	258	459	2038	9	2229	69
9	10	11	225	2475	4.583	91	417	4	2058	9	130	201	2058	12	165	340	544	2419	10	1883	58
10	11	9.5	225	2138	4.5	106.7	480	5	1658	9	130	162	1658	6	165	137	303	1347	11	1247	39
11	12	9.5	225	2138	7	106.7	747	7	1391	9	130	136	1391	6	165	115	258	1146	12	1146	36
12	13	9.5	225	2138	7	106.7	747	7	1391	9	130	136	1391	6	165	115	258	1146	13	1146	36
13	14	9.5	225	2138	7	106.7	747	7	1391	9	130	136	1391	6	165	115	258	1146	14	2526	78
14	RF	16.6	225	3731	4.75	84	399	4	3332	9	130	325	3332	12	165	550	879	3905	RF	1953	61
Line P (Line A sim)																					
1	2	13	181	2353	6.083	66.33	404	4	1949	9	130	190	1949	6	165	161	355	1961	2	2217	69
2	3	17	181	3077	9.417	66.33	625	6	2452	9	130	239	2452	6	165	202	448	2473	3	2384	74
3	4	15	181	2715	6.083	71	432	4	2283	9	130	223	2283	6	165	188	415	2284	4	2288	71
4	5	13.3	181	2398	8.667	71	615	6	1783	9	130	174	1783	9.5	165	233	413	2281	5	2120	66
5	6	11.8	181	2142	8.667	71	615	6	1527	9	130	149	1527	9.5	165	199	354	1958	6	2033	63
6	7	11.8	181	2142	6.917	71	491	5	1651	9	130	161	1651	9.5	165	216	381	2108	7	2494	77
7	8	15.6	181	2821	7.875	71	559	6	2261	9	130	220	2261	9.5	165	295	521	2881	8	2471	77
8	9	12.3	181	2232	8.792	71	624	6	1608	9	130	157	1608	9.5	165	210	373	2081	9	2247	70
9	10	11	181	1991	4.583	71	325	3	1666	9	130	162	1666	12	165	275	440	2434	10	1897	59
10	11	9.5	181	1720	4.5	82.67	372	4	1348	9	130	131	1348	6	165	111	246	1361	11	1264	39
11	12	9.5	181	1720	7	82.67	579	6	1141	9	130	111	1141	6	165	94	211	1167	12	1167	36
12	13	9.5	181	1720	7	82.67	579	6	1141	9	130	111	1141	6	165	94	211	1167	13	1167	36
13	14	9.5	181	1720	7	82.67	579	6	1141	9	130	111	1141	6	165	94	211	1167	14	2543	79
14	RF	16.6	181	3002	4.75	66.33	310	3	2691	9	130	262	2691	12	165	444	710	3920	RF	1960	61
Line A																					
1	2	13	181	2353	0	0	0	0	2353	36	130	918	2353	0	0	0	918	5070	2	3772	117
2	3	17	181	3077	9.417	66.33	625	6	2452	9	130	239	2452	6	165	202	448	2473			

Hall of Justice
Masonry Walls At Light Court

13" Masonry wall 130 psf Distribute 11th and 13th floor mass to floors above and below
Window wt 10 psf

Level Start	End	Story H {ft}	Total Length {ft}	Total Area {ft^2}	Window H {ft}	Length {ft}	Area {ft^2}	Total wt Total {kips}	Total {plf}	Mass Level	Mass {plf}	ETABS Mass	All Walls wt {kips}	Total Mass {kips}
Line J (M same)														
1	2	13	88	1144	5.167	48.67	251	119	1347	2	1607	50	727	864
2	3	17	88	1496	5.167	48.67	251	164	1867	3	1737	54	1001	933
3	4	15	88	1320	5.167	48.67	251	141	1607	4	1493	46	864	804
4	5	13.3	88	1166	5.167	48.67	251	121	1380	5	1288	40	744	695
5	6	11.8	88	1041	5.167	48.67	251	105	1195	6	1195	37	647	647
6	7	11.8	88	1041	5.167	48.67	251	105	1195	7	1439	45	647	775
7	8	15.6	88	1371	5.167	48.67	251	148	1683	8	1472	46	904	792
8	9	12.3	88	1085	5.167	48.67	251	111	1260	9	1174	36	681	635
9	10	11	88	968	5.167	48.67	251	96	1087	10	1009	31	589	543
10	11	9.5	88	836	5.583	40	223	82	930	11	930	29	497	497
11	12	9.5	88	836	5.583	40	223	82	930	12	930	29	497	497
12	13	9.5	88	836	5.583	40	223	82	930	13	930	29	497	497
13	14	9.5	88	836	5.583	40	223	82	930	14	1366	42	497	727
14	RF	16.6	88	1459	6.5	40	260	159	1801	RF	901	28	958	479
														9385
Line D														
1	2	13	88	1144	5.167	40.92	211	123	1402	2	1662	52		
2	3	17	88	1496	5.167	40.92	211	169	1922	3	1792	56		
3	4	15	88	1320	5.167	40.92	211	146	1662	4	1548	48		
4	5	13.3	88	1166	5.167	40.92	211	126	1434	5	1342	42		
5	6	11.8	88	1041	5.167	40.92	211	110	1250	6	1250	39		
6	7	11.8	88	1041	5.167	40.92	211	110	1250	7	1494	46		
7	8	15.6	88	1371	5.167	40.92	211	153	1738	8	1526	47		
8	9	12.3	88	1085	5.167	40.92	211	116	1315	9	1228	38		
9	10	11	88	968	5.167	40.92	211	100	1142	10	1069	33		
10	11	9.5	88	836	5.583	31.42	175	88	996	11	996	31		
11	12	9.5	88	836	5.583	31.42	175	88	996	12	996	31		
12	13	9.5	88	836	5.583	31.42	175	88	996	13	996	31		
13	14	9.5	88	836	5.583	31.42	175	88	996	14	1437	45		
14	RF	16.6	88	1459	6.5	31.42	204	165	1877	RF	939	29		
Line G														
1	2	13	88	1144	5.167	43.83	226	122	1381	2	1641	51		
2	3	17	88	1496	5.167	43.83	226	167	1901	3	1771	55		
3	4	15	88	1320	5.167	43.83	226	144	1641	4	1527	47		
4	5	13.3	88	1166	5.167	43.83	226	124	1414	5	1322	41		
5	6	11.8	88	1041	5.167	43.83	226	108	1230	6	1230	38		
6	7	11.8	88	1041	5.167	43.83	226	108	1230	7	1473	46		
7	8	15.6	88	1371	5.167	43.83	226	151	1717	8	1506	47		
8	9	12.3	88	1085	5.167	43.83	226	114	1295	9	1208	38		
9	10	11	88	968	5.167	43.83	226	99	1121	10	1026	32		
10	11	9.5	88	836	5.583	40	223	82	930	11	930	29		
11	12	9.5	88	836	5.583	40	223	82	930	12	930	29		
12	13	9.5	88	836	5.583	40	223	82	930	13	930	29		
13	14	9.5	88	836	5.583	40	223	82	930	14	1366	42		
14	RF	16.6	88	1459	6.5	40	260	159	1801	RF	901	28		

Hall of Justice
Masonry Walls At Light Court

13" Masonry wall 130 psf Distribute 11th and 13th floor mass to floors above and below
Window wt 10 psf

Level Start	End	Story H {ft}	Total Length {ft}	Total Area {ft^2}	Window H {ft}	Length {ft}	Area {ft^2}	Total wt Total {kips}	Total {plf}	Mass Level	Mass {plf}	ETABS Mass	All Walls Total wt {kips}	Total Mass {kips}
Line 4 W&E														
1	2	13	88	1144	5.167	48.67	251	119	1347	2	1607		50	
2	3	17	88	1496	5.167	48.67	251	164	1867	3	1737		54	
3	4	15	88	1320	5.167	48.67	251	141	1607	4	1493		46	
4	5	13.3	88	1166	5.167	48.67	251	121	1380	5	1288		40	
5	6	11.8	88	1041	5.167	48.67	251	105	1195	6	1195		37	
6	7	11.8	88	1041	5.167	48.67	251	105	1195	7	1439		45	
7	8	15.6	88	1371	5.167	48.67	251	148	1683	8	1472		46	
8	9	12.3	88	1085	5.167	48.67	251	111	1260	9	1174		36	
9	10	11	88	968	5.167	48.67	251	98	1087	10	1009		31	
10	11	9.5	88	836	5.583	40	223	82	930	11	930		29	
11	12	9.5	88	836	5.583	40	223	82	930	12	930		29	
12	13	9.5	88	836	5.583	40	223	82	930	13	930		29	
13	14	9.5	88	836	5.583	40	223	82	930	14	1366		42	
14	RF	16.6	88	1459	6.5	40	260	159	1801	RF	901		28	
Line 9 W&E														
1	2	13	88	1144	5.167	36.5	189	126	1433	2	1693		53	
2	3	17	88	1496	5.167	36.5	189	172	1953	3	1823		57	
3	4	15	88	1320	5.167	36.5	189	149	1693	4	1579		49	
4	5	13.3	88	1166	5.167	36.5	189	129	1465	5	1373		43	
5	6	11.8	88	1041	5.167	36.5	189	113	1281	6	1281		40	
6	7	11.8	88	1041	5.167	36.5	189	113	1281	7	1525		47	
7	8	15.6	88	1371	5.167	36.5	189	156	1769	8	1557		48	
8	9	12.3	88	1085	5.167	36.5	189	118	1346	9	1260		39	
9	10	11	88	968	5.167	36.5	189	103	1173	10	1052		33	
10	11	9.5	88	836	5.583	40	223	82	930	11	930		29	
11	12	9.5	88	836	5.583	40	223	82	930	12	930		29	
12	13	9.5	88	836	5.583	40	223	82	930	13	930		29	
13	14	9.5	88	836	5.583	40	223	82	930	14	1366		42	
14	RF	16.6	88	1459	6.5	40	260	159	1801	RF	901		28	
6.5" concrete wall at light court stairs 105pcf = 57psf														
1	2	13	42.83	557	0	0	0	32	741	2	855		27	
2	3	17	42.83	728	0	0	0	42	969	3	912		28	
3	4	15	42.83	642	0	0	0	37	855	4	805		25	
4	5	13.3	42.83	567	0	0	0	32	755	5	715		22	
5	6	11.8	42.83	507	0	0	0	29	675	6	675		21	
6	7	11.8	42.83	507	0	0	0	29	675	7	781		24	
7	8	15.6	42.83	667	0	0	0	38	888	8	796		25	
8	9	12.3	42.83	528	0	0	0	30	703	9	665		21	
9	10	11	42.83	471	0	0	0	27	627	10	584		18	
10	11	9.5	42.83	407	0	0	0	23	542	11	542		17	
11	12	9.5	42.83	407	0	0	0	23	542	12	542		17	
12	13	9.5	42.83	407	0	0	0	23	542	13	542		17	
13	14	9.5	42.83	407	0	0	0	23	542	14	743		23	
14	RF	16.6	42.83	710	0	0	0	40	945	RF	473		15	

D: Seismic Load

Hall of Justice

Static Base Shear Calculation per 1630.2

Level	Dia	Story Height {in}	h {in}	w {kips}	w*h {kip-in}	X-dir F/V	Y-dir F/V	X-dir F {kips}	Y-dir F {kips}
RF	All	199	2105	9293	19562780	0.23	0.23	2355	2355
L14	All	114	1906	10206	19452984	0.14	0.14	1461	1461
L13	All	114	1792	314	561927	0.00	0.00	42	42
L12	All	114	1678	8736	14659548	0.11	0.11	1101	1101
L11	All	114	1564	719	1123751	0.01	0.01	84	84
L10	All	132	1450	10220	14818662	0.11	0.11	1113	1113
L9	All	148	1318	8005	10550567	0.08	0.08	793	793
L8	All	187	1170	9075	10618277	0.08	0.08	798	798
L7	All	142	983	8865	8714272	0.06	0.06	655	655
L6	All	142	841	8190	6887979	0.05	0.05	517	517
L5	All	159	699	8360	5843818	0.04	0.04	439	439
L4	All	180	540	9055	4889665	0.04	0.04	367	367
L3	All	204	360	9494	3417978	0.03	0.03	257	257
L2	All	156	156	9620	1500707	0.01	0.01	113	113
Totals		2105		110153	122602915	1	1	10095	10095
		1403.3							

UBC97 CODE Static Base Shear Calc.

Soil profile type Sc (6.8km from type B fault)

X-direction

Non Bearing Conc Shear Walls					Equation	Force V/W	Drift V/W	
Cv=	0.63	Ct=	0.02		eq'n 30-4	0.092	0.085	trial
Nv=	1.128	hn=	175	ft	eq'n 30-5	0.182	0.182	max
I=	1	Ta=	0.96	sec	eq'n 30-6	0.044	N/A	min1
R=	5.5	Tb=	1.35	sec	eq'n 30-7	0.066	0.066	min2
Ca=	0.40	Tmax=	1.25	sec	final V/W	0.092	0.085	
Na=	1	T=	1.25	sec	V=	10095	9371	kips
Z=	0.4				Ft/V=	0.088		
					Ft	886		

Y-direction

Non Bearing Conc Shear Walls					Equation	Force V/W	Drift V/W	
Cv=	0.63	Ct=	0.02		eq'n 30-4	0.092	0.084	trial
Nv=	1.128	hn=	175	ft	eq'n 30-5	0.182	0.182	max
I=	1	Ta=	0.96	sec	eq'n 30-6	0.044	N/A	min1
R=	5.5	Tb=	1.37	sec	eq'n 30-7	0.066	0.066	min2
Ca=	0.4	Tmax=	1.25	sec	final V/W	0.092	0.084	
Na=	1	T=	1.25	sec	V=	10095	9234	kips
Z=	0.4				Ft/V=	0.088		
					Ft	886		

In ETABS X-direction dynamic load case is called SPECX

In ETABS Y-direction dynamic load case is called SPECY

ETABS load combo DX = SPECX scaled to 100% of static base shear

ETABS load combo DY = SPECY scaled to 100% of static base shear

For design dynamic force is scaled to 80% of static base shear using a .8 load factor

Hall of Justice
Diaphragm Forces

X-Direction

Level	wp {kips}	F {kips}	w {kips}	Σw {kips}	ΣF {kips}	Fp/wp {kips}	Max Fp/wp {kips}	Min Fp/wp {kips}	Fp/wp {kips}	Fp {kips}	ETABS Load Case	A {ft^2}	Fp {psf}	Fp/F {kips}
RF	9293	2355	9293	9293	2355	0.25	0.40	0.20	0.25	2355				0.92
L14	10206	1461	10206	19500	3816	0.20	0.40	0.20	0.20	2041	L14DIAX			
L12	8736	1101	8736	28550	4960	0.17	0.40	0.20	0.20	1747	L12DIAX			
L10	10220	1113	10220	39488	6157	0.16	0.40	0.20	0.20	2044	L10DIAX			
L9	8005	793	8005	47493	6950	0.15	0.40	0.20	0.20	1601	L9DIAX			
L8	9075	798	9075	56568	7747	0.14	0.40	0.20	0.20	1815	L8DIAX			
L7	8865	655	8865	65433	8402	0.13	0.40	0.20	0.20	1773	L7DIAX			
L6	8190	517	8190	73623	8919	0.12	0.40	0.20	0.20	1638	L6DIAX			
L5	8360	439	8360	81984	9358	0.11	0.40	0.20	0.20	1672	L5DIAX			
L4	9055	367	9055	91039	9725	0.11	0.40	0.20	0.20	1811	L4DIAX			
L3	9494	257	9494	100533	9982	0.10	0.40	0.20	0.20	1899	L3DIAX			
L2	9620	113	9620	110153	10095	0.09	0.40	0.20	0.20	1924	L2DIAX	33650	57.2	
	110153	10095								22527				

Y-Direction

Level	wp {kips}	F {kips}	w {kips}	Σw {kips}	ΣF {kips}	Fp/wp {kips}	Max Fp/wp {kips}	Min Fp/wp {kips}	Fp/wp {kips}	Fp {kips}	ETABS Load Case	A {ft^2}	Fp {psf}	Fp/F {kips}
RF	9293	2355	9293	9293	2355	0.25	0.40	0.20	0.25	2355				0.94
L14	10206	1461	10206	19500	3816	0.20	0.40	0.20	0.20	2041	L14DIAY			
L12	8736	1101	8736	28550	4960	0.17	0.40	0.20	0.20	1747	L12DIAY			
L10	10220	1113	10220	39488	6157	0.16	0.40	0.20	0.20	2044	L10DIAY			
L9	8005	793	8005	47493	6950	0.15	0.40	0.20	0.20	1601	L9DIAY			
L8	9075	798	9075	56568	7747	0.14	0.40	0.20	0.20	1815	L8DIAY			
L7	8865	655	8865	65433	8402	0.13	0.40	0.20	0.20	1773	L7DIAY			
L6	8190	517	8190	73623	8919	0.12	0.40	0.20	0.20	1638	L6DIAY			
L5	8360	439	8360	81984	9358	0.11	0.40	0.20	0.20	1672	L5DIAY			
L4	9055	367	9055	91039	9725	0.11	0.40	0.20	0.20	1811	L4DIAY			
L3	9494	257	9494	100533	9982	0.10	0.40	0.20	0.20	1899	L3DIAY			
L2	9620	113	9620	110153	10095	0.09	0.40	0.20	0.20	1924	L2DIAY	33650	57.2	
	110153	10095								22527				
I=	1													
Ca=	0.40													

The ETABS model was loaded with the diaphragm loads at each level under separate load cases.
The Roof dynamic load is used to determine the diaphragm shear at the Roof.

In addition to determine diaphragm forces due to change in stiffness of the lateral system the following static load cases were created:

Load case	Description
L14TX THRU L2TX	X-direction loading of dynamic load above level L14
L14TY THRU L2TY	Y-direction loading of dynamic load above level L14

Load is applied above the level being checked to determine how forces transfer at that level.
V = dynamic story shears from ETABS
F = equivalent static distribution of force based on dynamic load

X-Direction

Level	Load	V {kips}	F {kips}	L14TX {kips}	L12TX {kips}	L10TX {kips}	L9TX {kips}	L8TX {kips}	L7TX {kips}	L6TX {kips}	L5TX {kips}	L4TX {kips}	L3TX {kips}	L2TX {kips}
RF	DX MAX	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565	2565
L14	DX MAX	4182	1617		1617	1617	1617	1617	1617	1617	1617	1617	1617	1617
L12	DX MAX	4773	591			591	591	591	591	591	591	591	591	591
L10	DX MAX	5437	664				664	664	664	664	664	664	664	664
L9	DX MAX	6036	598					598	598	598	598	598	598	598
L8	DX MAX	6665	630						630	630	630	630	630	630
L7	DX MAX	7238	573							573	573	573	573	573
L6	DX MAX	7798	560								560	560	560	560
L5	DX MAX	8363	565									565	565	565
L4	DX MAX	8926	563										563	563
L3	DX MAX	9458	532											532
L2	DX MAX	10042	583											
			10042	2565	4182	4773	5437	6036	6665	7238	7798	8363	8926	9458

Y-Direction

Level	Load	V {kips}	F {kips}	L14TY {kips}	L12TY {kips}	L10TY {kips}	L9TY {kips}	L8TY {kips}	L7TY {kips}	L6TY {kips}	L5TY {kips}	L4TY {kips}	L3TY {kips}	L2TY {kips}
RF	DY MAX	2514	2514	2514	2514	2514	2514	2514	2514	2514	2514	2514	2514	2514
L14	DY MAX	4124	1611		1611	1611	1611	1611	1611	1611	1611	1611	1611	1611
L12	DY MAX	4701	577			577	577	577	577	577	577	577	577	577
L10	DY MAX	5281	580				580	580	580	580	580	580	580	580
L9	DY MAX	5832	551					551	551	551	551	551	551	551
L8	DY MAX	6459	627						627	627	627	627	627	627
L7	DY MAX	7080	621							621	621	621	621	621
L6	DY MAX	7673	593								593	593	593	593
L5	DY MAX	8235	562									562	562	562
L4	DY MAX	8799	564										564	564
L3	DY MAX	9299	500											500
L2	DY MAX	10010	711											
			10010	2514	4124	4701	5281	5832	6459	7080	7673	8235	8799	9299

Hall of Justice
Mass excluded from wp for diaphragm load

X-direction

Level	Total {kips}	Note	Length {ft^2}	Mass {plf}	Mass {kips}	Note	Mass {kips}	Stone Cols. {kips}	Note	Length {ft^2}	Mass {plf}	Mass {kips}	Note	Area {ft^2}	Mass {psf}	Mass {kips}
Elevation 1 (12 sim)																
RF	1114	(E) Wall	225	1953	439	(N) Wall	69		4" wall	216	477	103	Canopy	3539	142	503
L14	1054	(E) Wall	225	3099	697	(N) Wall	126	231								
L12	619	(E) Wall	225	2343	527	(N) Wall	92									
L10	1090	(E) Wall	225	2507	564	(N) Wall	295	231								
L9	800	(E) Wall	225	2229	502	(N) Wall	298									
L8	946	(E) Wall	225	2449	551	(N) Wall	395									
L7	913	(E) Wall	225	2475	557	(N) Wall	356									
L6	762	(E) Wall	225	2012	453	(N) Wall	310									
L5	791	(E) Wall	225	2096	472	(N) Wall	319									
L4	923	(E) Wall	225	2270	511	(N) Wall	412									
L3	986	(E) Wall	225	2368	533	(N) Wall	453									
L2	1306	(E) Wall	225	3763	847	(N) Wall	226		(N)Bsm	159	1463	233				
Elev 12																
L2	948	(E) Wall	225	2202	495	(N) Wall	453									

Y-direction

Level	Total	Note	Length {ft^2}	Mass {plf}	Mass {kips}	Note	Mass {kips}	Stone Cols. {kips}	Note	Length {ft^2}	Mass {plf}	Mass {kips}	Note	Area {ft^2}	Mass {psf}	Mass {kips}
Elevation A (P sim)																
RF	901	(E) Wall	181	1953	353	(N) Wall	69		4" wall	172	477	82	Canopy	2791	142	396
L14	856	(E) Wall	181	3099	561	(N) Wall	126	169								
L12	516	(E) Wall	181	2343	424	(N) Wall	92									
L10	918	(E) Wall	181	2507	454	(N) Wall	295	169								
L9	701	(E) Wall	181	2229	403	(N) Wall	298									
L8	838	(E) Wall	181	2449	443	(N) Wall	395									
L7	804	(E) Wall	181	2475	448	(N) Wall	356									
L6	674	(E) Wall	181	2012	364	(N) Wall	310									
L5	698	(E) Wall	181	2096	379	(N) Wall	319									
L4	823	(E) Wall	181	2270	411	(N) Wall	412									
L3	881	(E) Wall	181	2368	429	(N) Wall	453									
L2	1081	(E) Wall	68.6	2217	152	(N) Wall	340		(N)Bsm	112.6	1463	165	(E)Bsmt	112.6	3772	425
Elev P																
L2	854	(E) Wall	181	2217	401	(N) Wall	453									

M O D A L P E R I O D S A N D F R E Q U E N C I E S

MODE NUMBER	PERIOD (TIME)	FREQUENCY (CYCLES/TIME)	CIRCULAR FREQ (RADIANS/TIME)
Mode 1	1.36034	0.73511	4.61882
Mode 2	1.34184	0.74525	4.68253
Mode 3	0.83879	1.19219	7.49077
Mode 4	0.70286	1.42275	8.93941
Mode 5	0.68882	1.45177	9.12171
Mode 6	0.68836	1.45274	9.12782
Mode 7	0.61010	1.63908	10.29867
Mode 8	0.53869	1.85637	11.66389
Mode 9	0.43621	2.29246	14.40394
Mode 10	0.43032	2.32387	14.60132
Mode 11	0.40749	2.45407	15.41936
Mode 12	0.40692	2.45751	15.44098
Mode 13	0.30885	3.23780	20.34371
Mode 14	0.27826	3.59373	22.58004
Mode 15	0.22467	4.45100	27.96646
Mode 16	0.20487	4.88118	30.66938
Mode 17	0.17430	5.73710	36.04727
Mode 18	0.15541	6.43473	40.43061
Mode 19	0.09699	10.31081	64.78472
Mode 20	0.09278	10.77839	67.72262

Ty → 1.36034

Tx → 1.34184

M O D A L P A R T I C I P A T I N G M A S S R A T I O S

MODE NUMBER	X-TRANS %MASS	X-TRANS <SUM>	Y-TRANS %MASS	Y-TRANS <SUM>	Z-TRANS %MASS	Z-TRANS <SUM>	RX-ROTN %MASS	RX-ROTN <SUM>	RY-ROTN %MASS	RY-ROTN <SUM>	RZ-ROTN %MASS	RZ-ROTN <SUM>
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Mode 2	35.17	< 65>	29.26	< 64>	0.00	< 0>	43.76	< 96>	52.57	< 96>	0.04	< 1>
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Mode 4	0.00	< 65>	0.00	< 64>	0.00	< 0>	0.00	< 96>	0.00	< 96>	0.02	< 66>
Mode 5	0.00	< 65>	0.00	< 64>	0.00	< 0>	0.00	< 96>	0.00	< 96>	0.01	< 66>
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Mode 7	0.00	< 65>	0.00	< 64>	0.00	< 0>	0.00	< 96>	0.00	< 96>	0.01	< 66>
Mode 8	0.00	< 65>	0.00	< 64>	0.00	< 0>	0.00	< 96>	0.00	< 96>	0.02	< 66>
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Mode 11	0.34	< 82>	0.06	< 83>	0.00	< 0>	0.01	< 99>	0.06	< 99>	0.00	< 66>
Mode 12	0.08	< 82>	0.30	< 83>	0.00	< 0>	0.05	< 99>	0.01	< 99>	0.00	< 66>
Mode 13	0.07	< 82>	0.00	< 83>	0.00	< 0>	0.00	< 99>	0.01	< 99>	0.61	< 66>
Mode 14	0.00	< 82>	0.28	< 83>	0.00	< 0>	0.00	< 99>	0.00	< 99>	1.75	< 68>
Mode 15	0.18	< 82>	9.90	< 93>	0.00	< 0>	0.31	<100>	0.01	< 99>	0.04	< 68>
Mode 16	10.40	< 92>	0.19	< 93>	0.00	< 0>	0.01	<100>	0.41	<100>	0.02	< 68>
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Mode 18	2.76	< 95>	0.10	< 96>	0.00	< 0>	0.00	<100>	0.08	<100>	0.00	< 68>
Mode 19	0.03	< 95>	3.05	< 99>	0.00	< 0>	0.06	<100>	0.00	<100>	1.05	< 70>
Mode 20	3.82	< 99>	0.03	< 99>	0.00	< 0>	0.00	<100>	0.10	<100>	0.98	< 71>

L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
DX	ADD	SPECX	Spectra	0.5367
DY	ADD	SPECY	Spectra	0.5283

Hall of Justice
5% Accidental Torsion

Torsion is applied at center of mass in ETABS model
V = Scaled Dynamic Story Shear DX and DY
F = Equivalent Floor Loading for V
A = Amplification Factor

X-direction (ETABS load cases TORX)

Level	Load	V {kips}	F {kips}	L {in}	.05L {in}	TORX Mz {k-in}
RF	DX MAX	2565	2565	2174	109	278849
L14	DX MAX	4182	1617	2174	109	175741
L13	DX MAX	4212	30	2174	109	3268
L12	DX MAX	4773	561	2174	109	60937
L11	DX MAX	4818	45	2174	109	4944
L10	DX MAX	5437	619	2174	109	67281
L9	DX MAX	6036	598	2174	109	65053
L8	DX MAX	6665	630	2174	109	68448
L7	DX MAX	7238	573	2174	109	62248
L6	DX MAX	7798	560	2174	109	60875
L5	DX MAX	8363	565	2174	109	61386
L4	DX MAX	8926	563	2174	109	61246
L3	DX MAX	9458	532	2174	109	57837
L2	DX MAX	10042	583	2174	109	63399
			10042			
Load at second floor applied as point loads						
				# pts	131	484

Y-direction (ETABS load cases TORY)

Level		V {kips}	F {kips}	L {in}	.05L {in}	TORY Mz {k-in}
RF	DY MAX	2514	2514	2702	135	339616
L14	DY MAX	4124	1611	2702	135	217591
L13	DY MAX	4155	31	2702	135	4161
L12	DY MAX	4701	546	2702	135	73759
L11	DY MAX	4741	40	2702	135	5362
L10	DY MAX	5281	540	2702	135	72999
L9	DY MAX	5832	551	2702	135	74408
L8	DY MAX	6459	627	2702	135	84690
L7	DY MAX	7080	621	2702	135	83925
L6	DY MAX	7673	593	2702	135	80152
L5	DY MAX	8235	562	2702	135	75910
L4	DY MAX	8799	564	2702	135	76145
L3	DY MAX	9299	500	2702	135	67599
L2	DY MAX	10010	711	2702	135	96006
			10010			

Load at second floor applied as point loads

C E N T E R S O F C U M U L A T I V E M A S S & C E N T E R S O F R I G I D I T Y

STORY LEVEL	DIAPHRAGM NAME	/----------CENTER OF MASS----------// MASS	ORDINATE-X	ORDINATE-Y	--CENTER OF RIGIDITY-- ORDINATE-X	ORDINATE-Y
RF	D1	23.9825	1355.968	1096.240		
L14	D1	50.2827	1354.180	1091.406		
L12	D1	72.8145	1353.776	1090.042		
L10	D1	98.8459	1353.614	1089.008		
L9	D1	119.1937	1357.171	1092.717		
L8	D1	142.1210	1356.035	1091.577		
L7	D1	164.6228	1355.396	1090.989		
L6	D1	185.4343	1355.139	1090.478		
L5	D1	206.6919	1354.929	1090.063		
L4	D1	229.5294	1353.848	1089.707		
L3	D1	253.4268	1352.387	1089.287		

S T O R Y F O R C E S

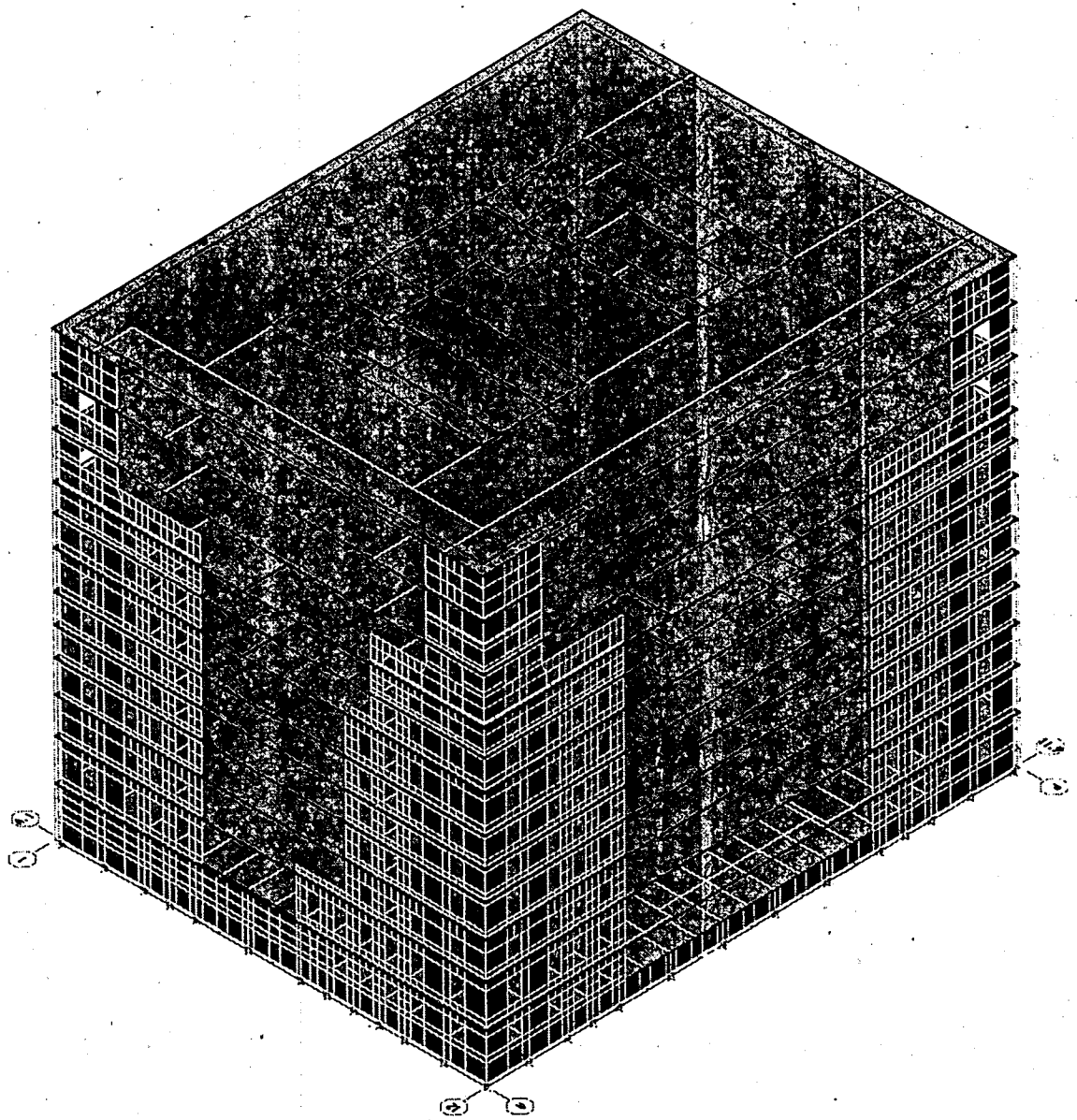
STORY	LOAD	LOCATION	P	VX	VY	T	MX	MY
RF	DX Max	Top	0.00	2565.31	201.33	2731142.975	0.000	0.000
		Bottom	0.00	2565.31	201.33	2731142.975	40064.399	510495.704
RF	DX Min	Top	0.00	-2565.31	-201.33	-2731142.975	0.000	0.000
		Bottom	0.00	-2565.31	-201.33	-2731142.975	-40064.399	-510495.704
RF	DY Max	Top	0.00	188.07	2513.81	3788363.588	0.000	0.000
		Bottom	0.00	188.07	2513.81	3788363.588	500248.380	37425.618
RF	DY Min	Top	0.00	-188.07	-2513.81	-3788363.59	0.000	0.000
		Bottom	0.00	-188.07	-2513.81	-3788363.59	-500248.380	-37425.618
L14	DX Max	Top	0.00	4182.06	312.52	4393334.353	40064.399	510495.704
		Bottom	0.00	4182.06	312.52	4393334.353	74222.953	980906.660
L14	DX Min	Top	0.00	-4182.06	-312.52	-4393334.35	-40064.399	-510495.704
		Bottom	0.00	-4182.06	-312.52	-4393334.35	-74222.953	-980906.660
L14	DY Max	Top	0.00	301.45	4124.40	6167149.187	500248.380	37425.618
		Bottom	0.00	301.45	4124.40	6167149.187	964833.365	70338.054
L14	DY Min	Top	0.00	-301.45	-4124.40	-6167149.19	-500248.380	-37425.618
		Bottom	0.00	-301.45	-4124.40	-6167149.19	-964833.365	-70338.054
L13	DX Max	Top	0.00	4212.12	314.43	4422144.785	74222.953	980906.660
		Bottom	0.00	4212.12	314.43	4422144.785	109408.243	1458313.474
L13	DX Min	Top	0.00	-4212.12	-314.43	-4422144.79	-74222.953	-980906.660
		Bottom	0.00	-4212.12	-314.43	-4422144.79	-109408.243	-1458313.474
L13	DY Max	Top	0.00	303.76	4155.20	6211971.615	964833.365	70338.054
		Bottom	0.00	303.76	4155.20	6211971.615	1436075.085	104295.371
L13	DY Min	Top	0.00	-303.76	-4155.20	-6211971.61	-964833.365	-70338.054
		Bottom	0.00	-303.76	-4155.20	-6211971.61	-1436075.085	-104295.371
L12	DX Max	Top	0.00	4772.72	403.20	5027640.350	109408.243	1458313.474
		Bottom	0.00	4772.72	403.20	5027640.350	148957.376	1969328.013
L12	DX Min	Top	0.00	-4772.72	-403.20	-5027640.35	-109408.243	-1458313.474
		Bottom	0.00	-4772.72	-403.20	-5027640.35	-148957.376	-1969328.013
L12	DY Max	Top	0.00	397.12	4701.16	6947360.160	1436075.085	104295.371
		Bottom	0.00	397.12	4701.16	6947360.160	1943073.389	144336.624
L12	DY Min	Top	0.00	-397.12	-4701.16	-6947360.16	-1436075.085	-104295.371
		Bottom	0.00	-397.12	-4701.16	-6947360.16	-1943073.389	-144336.624
L11	DX Max	Top	0.00	4818.20	412.01	5077395.148	148957.376	1969328.013
		Bottom	0.00	4818.20	412.01	5077395.148	192090.845	2496512.694
L11	DX Min	Top	0.00	-4818.20	-412.01	-5077395.15	-148957.376	-1969328.013
		Bottom	0.00	-4818.20	-412.01	-5077395.15	-192090.845	-2496512.694
L11	DY Max	Top	0.00	406.27	4740.85	7010109.925	1943073.389	144336.624
		Bottom	0.00	406.27	4740.85	7010109.925	2464754.362	187496.894
L11	DY Min	Top	0.00	-406.27	-4740.85	-7010109.93	-1943073.389	-144336.624
		Bottom	0.00	-406.27	-4740.85	-7010109.93	-2464754.362	-187496.894
L10	DX Max	Top	0.00	5437.16	535.44	5789356.681	192090.845	2496512.694
		Bottom	0.00	5437.16	535.44	5789356.681	254156.615	3122348.643
L10	DX Min	Top	0.00	-5437.16	-535.44	-5789356.68	-192090.845	-2496512.694
		Bottom	0.00	-5437.16	-535.44	-5789356.68	-254156.615	-3122348.643
L10	DY Max	Top	0.00	516.84	5281.18	7815464.949	2464754.362	187496.894
		Bottom	0.00	516.84	5281.18	7815464.949	3079041.766	249439.747
L10	DY Min	Top	0.00	-516.84	-5281.18	-7815464.95	-2464754.362	-187496.894
		Bottom	0.00	-516.84	-5281.18	-7815464.95	-3079041.766	-249439.747
L9	DX Max	Top	0.00	6035.62	608.04	6465076.279	254156.615	3122348.643
		Bottom	0.00	6035.62	608.04	6465076.279	337105.457	3878317.373
L9	DX Min	Top	0.00	-6035.62	-608.04	-6465076.28	-254156.615	-3122348.643
		Bottom	0.00	-6035.62	-608.04	-6465076.28	-337105.457	-3878317.37
L9	DY Max	Top	0.00	585.40	5831.94	8660483.426	3079041.766	249439.747

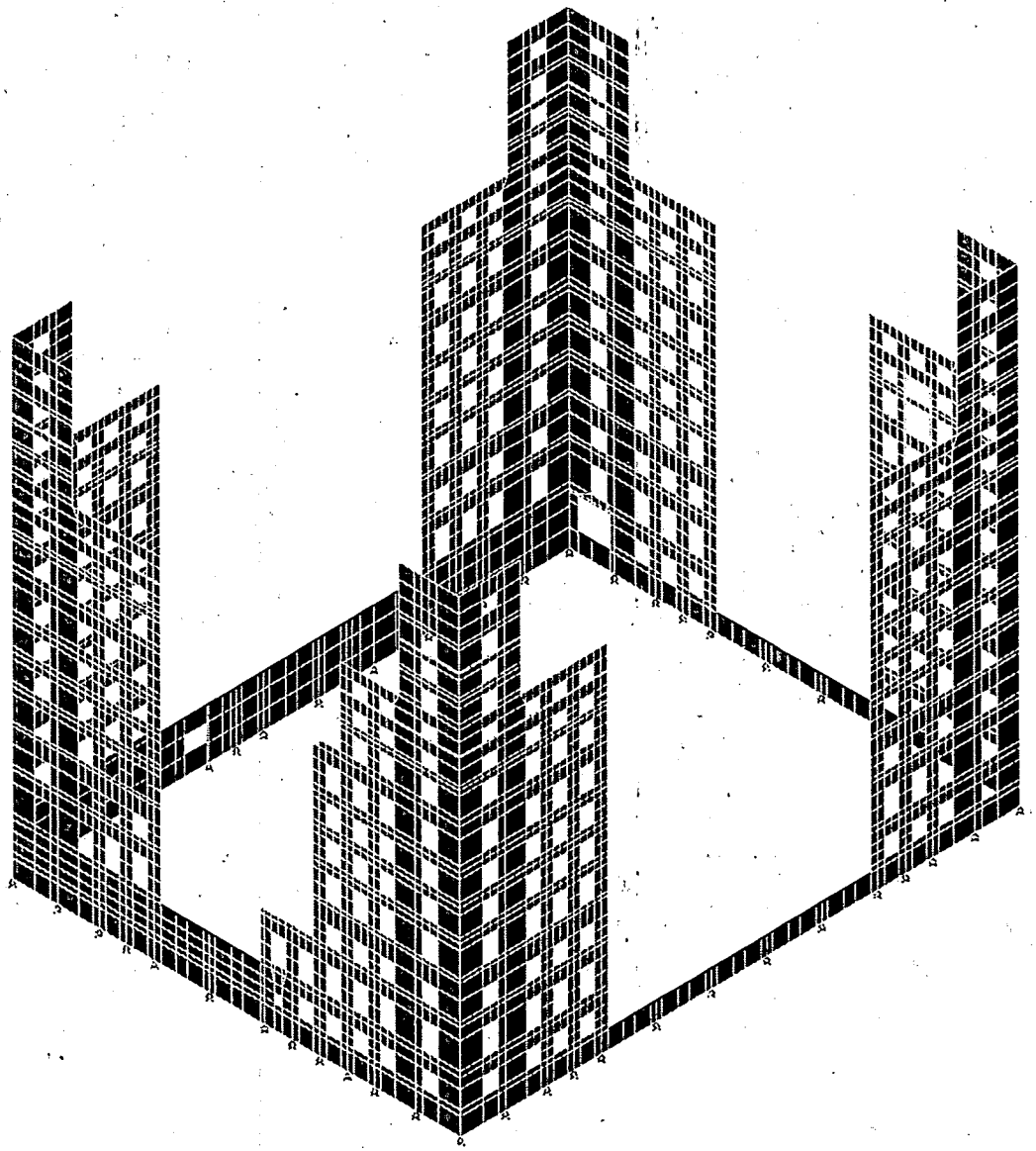
S T O R Y F O R C E S

STORY	LOAD	LOCATION	P	VX	VY	T	MX	MY
		Bottom	0.00	585.40	5831.94	8660483.426	3812076.704	330744.208
L9	DY Min	Top	0.00	-585.40	-5831.94	-8660483.43	-3079041.766	-249439.747
		Bottom	0.00	-585.40	-5831.94	-8660483.43	-3812076.70	-330744.208
L8	DX Max	Top	0.00	6665.32	649.22	7139059.918	337105.457	3878317.373
		Bottom	0.00	6665.32	649.22	7139059.918	454867.665	4927815.282
L8	DX Min	Top	0.00	-6665.32	-649.22	-7139059.92	-337105.457	-3878317.37
		Bottom	0.00	-6665.32	-649.22	-7139059.92	-454867.665	-4927815.28
L8	DY Max	Top	0.00	636.60	6458.81	9535694.439	3812076.704	330744.208
		Bottom	0.00	636.60	6458.81	9535694.439	4821450.764	445896.473
L8	DY Min	Top	0.00	-636.60	-6458.81	-9535694.44	-3812076.70	-330744.208
		Bottom	0.00	-636.60	-6458.81	-9535694.44	-4821450.76	-445896.473
L7	DX Max	Top	0.00	7237.98	671.97	7755788.815	454867.665	4927815.282
		Bottom	0.00	7237.98	671.97	7755788.815	548841.124	5791566.257
L7	DX Min	Top	0.00	-7237.98	-671.97	-7755788.82	-454867.665	-4927815.28
		Bottom	0.00	-7237.98	-671.97	-7755788.82	-548841.124	-5791566.26
L7	DY Max	Top	0.00	670.64	7080.02	10328963.542	4821450.764	445896.473
		Bottom	0.00	670.64	7080.02	10328963.542	5654360.056	538815.726
L7	DY Min	Top	0.00	-670.64	-7080.02	-10328963.54	-4821450.76	-445896.473
		Bottom	0.00	-670.64	-7080.02	-10328963.54	-5654360.06	-538815.726
L6	DX Max	Top	0.00	7798.01	697.32	8371492.238	548841.124	5791566.257
		Bottom	0.00	7798.01	697.32	8371492.238	645410.035	6716453.718
L6	DX Min	Top	0.00	-7798.01	-697.32	-8371492.24	-548841.124	-5791566.26
		Bottom	0.00	-7798.01	-697.32	-8371492.24	-645410.035	-6716453.72
L6	DY Max	Top	0.00	692.63	7673.30	11100529.902	5654360.056	538815.726
		Bottom	0.00	692.63	7673.30	11100529.902	6553179.706	634823.179
L6	DY Min	Top	0.00	-692.63	-7673.30	-11100529.90	-5654360.06	-538815.726
		Bottom	0.00	-692.63	-7673.30	-11100529.90	-6553179.71	-634823.179
L5	DX Max	Top	0.00	8362.74	721.04	8998228.111	645410.035	6716453.718
		Bottom	0.00	8362.74	721.04	8998228.111	756290.880	7829949.819
L5	DX Min	Top	0.00	-8362.74	-721.04	-8998228.11	-645410.035	-6716453.72
		Bottom	0.00	-8362.74	-721.04	-8998228.11	-756290.880	-7829949.82
L5	DY Max	Top	0.00	710.25	8235.18	11855550.110	6553179.706	634823.179
		Bottom	0.00	710.25	8235.18	11855550.110	7642975.686	744320.640
L5	DY Min	Top	0.00	-710.25	-8235.18	-11855550.11	-6553179.71	-634823.179
		Bottom	0.00	-710.25	-8235.18	-11855550.11	-7642975.69	-744320.640
L4	DX Max	Top	0.00	8926.18	750.91	9628137.635	756290.880	7829949.819
		Bottom	0.00	8926.18	750.91	9628137.635	885032.647	9189986.698
L4	DX Min	Top	0.00	-8926.18	-750.91	-9628137.64	-756290.880	-7829949.82
		Bottom	0.00	-8926.18	-750.91	-9628137.64	-885032.647	-9189986.70
L4	DY Max	Top	0.00	756.02	8798.80	12589955.022	7642975.686	744320.640
		Bottom	0.00	756.02	8798.80	12589955.022	8979930.954	870836.934
L4	DY Min	Top	0.00	-756.02	-8798.80	-12589955.02	-7642975.69	-744320.640
		Bottom	0.00	-756.02	-8798.80	-12589955.02	-8979930.95	-870836.934
L3	DX Max	Top	0.00	9458.26	798.13	10231396.726	885032.647	9189986.698
		Bottom	0.00	9458.26	798.13	10231396.726	1035067.33	10847270.086
L3	DX Min	Top	0.00	-9458.26	-798.13	-10231396.73	-885032.647	-9189986.70
		Bottom	0.00	-9458.26	-798.13	-10231396.73	-1035067.33	-10847270.09
L3	DY Max	Top	0.00	787.73	9299.16	13266936.164	8979930.954	870836.934
		Bottom	0.00	787.73	9299.16	13266936.164	10613199.093	1018936.339
L3	DY Min	Top	0.00	-787.73	-9299.16	-13266936.16	-8979930.95	-870836.934
		Bottom	0.00	-787.73	-9299.16	-13266936.16	-10613199.09	-1018936.339
L2	DX Max	Top	0.00	10041.51	894.69	10951136.311	1035067.33	10847270.086
		Bottom	0.00	10041.51	894.69	10951136.311	1154046.23	12187764.054

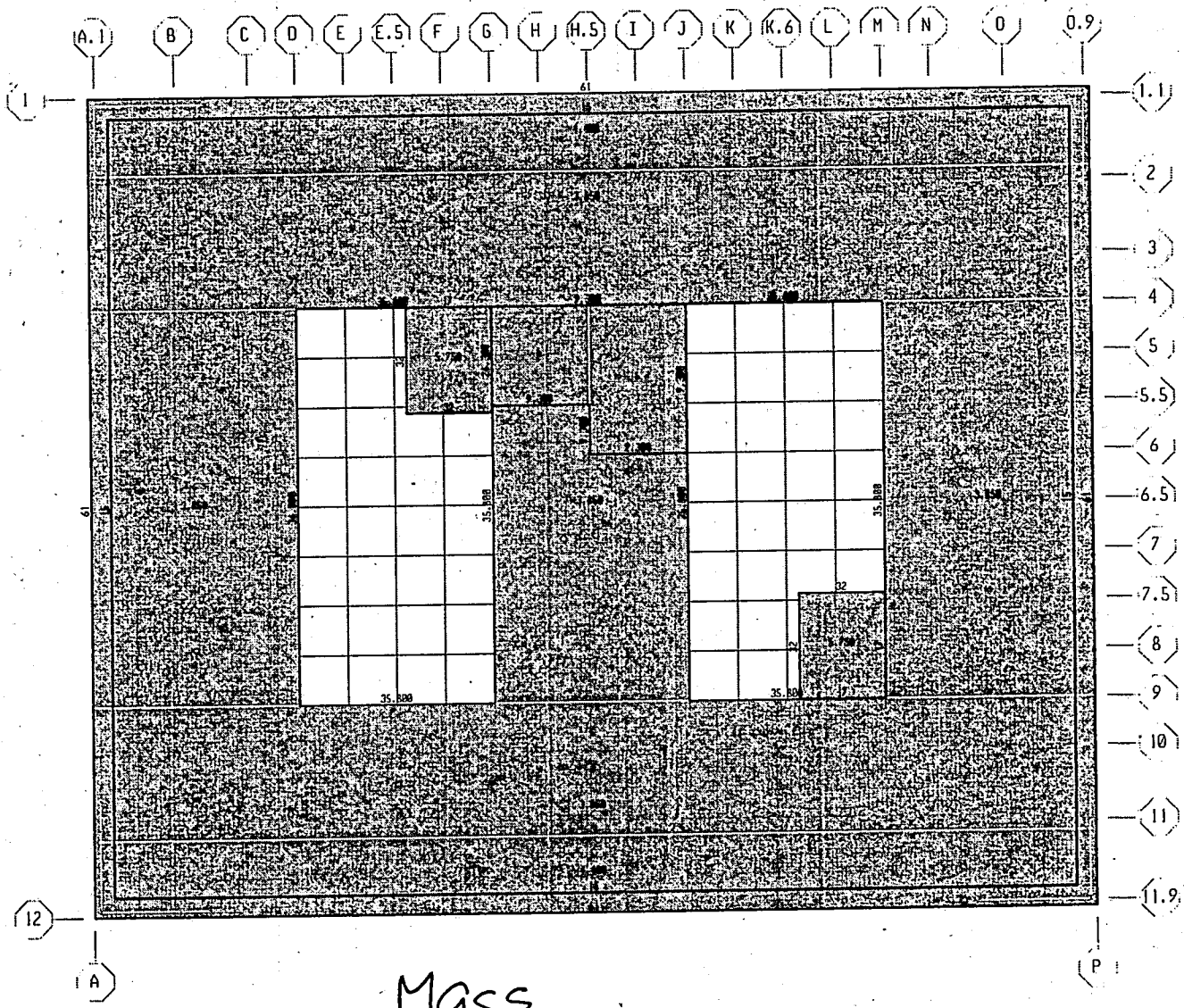
S T O R Y F O R C E S

STORY	LOAD	LOCATION	P	VX	VY	T	MX	MY
L2	DX Min	Top	0.00	-10041.51	-894.69	-10951136.31	-1035067.332	-10847270.09
		Bottom	0.00	-10041.51	-894.69	-10951136.31	-1154046.238	-12187764.05
L2	DY Max	Top	0.00	883.05	10009.79	14023474.36	10613199.093	1018936.339
		Bottom	0.00	883.05	10009.79	14023474.36	11937012.383	1135325.815
L2	DY Min	Top	0.00	-883.05	-10009.79	-14023474.36	-10613199.09	-1018936.339
		Bottom	0.00	-883.05	-10009.79	-14023474.36	-11937012.38	-1135325.815
L1	DX Max	Top	0.00	10093.78	911.6810	994265.817	1154046.238	12187764.054
		Bottom	0.00	10093.78	911.6810	994265.817	1220144.093	12931399.838
L1	DX Min	Top	0.00	-10093.78	-911.68	-10994265.82	-1154046.238	-12187764.05
		Bottom	0.00	-10093.78	-911.68	-10994265.82	-1220144.093	-12931399.84
L1	DY Max	Top	0.00	896.26	10094.57	14107733.24	11937012.383	1135325.815
		Bottom	0.00	896.26	10094.57	14107733.24	12673268.676	1199990.376
L1	DY Min	Top	0.00	-896.26	-10094.57	-14107733.24	-11937012.38	-1135325.815
		Bottom	0.00	-896.26	-10094.57	-14107733.24	-12673268.68	-1199990.376





ETABS v8.5.6 - File: HOJ - February 28,2007 16:14
3-D View - Kip-in Units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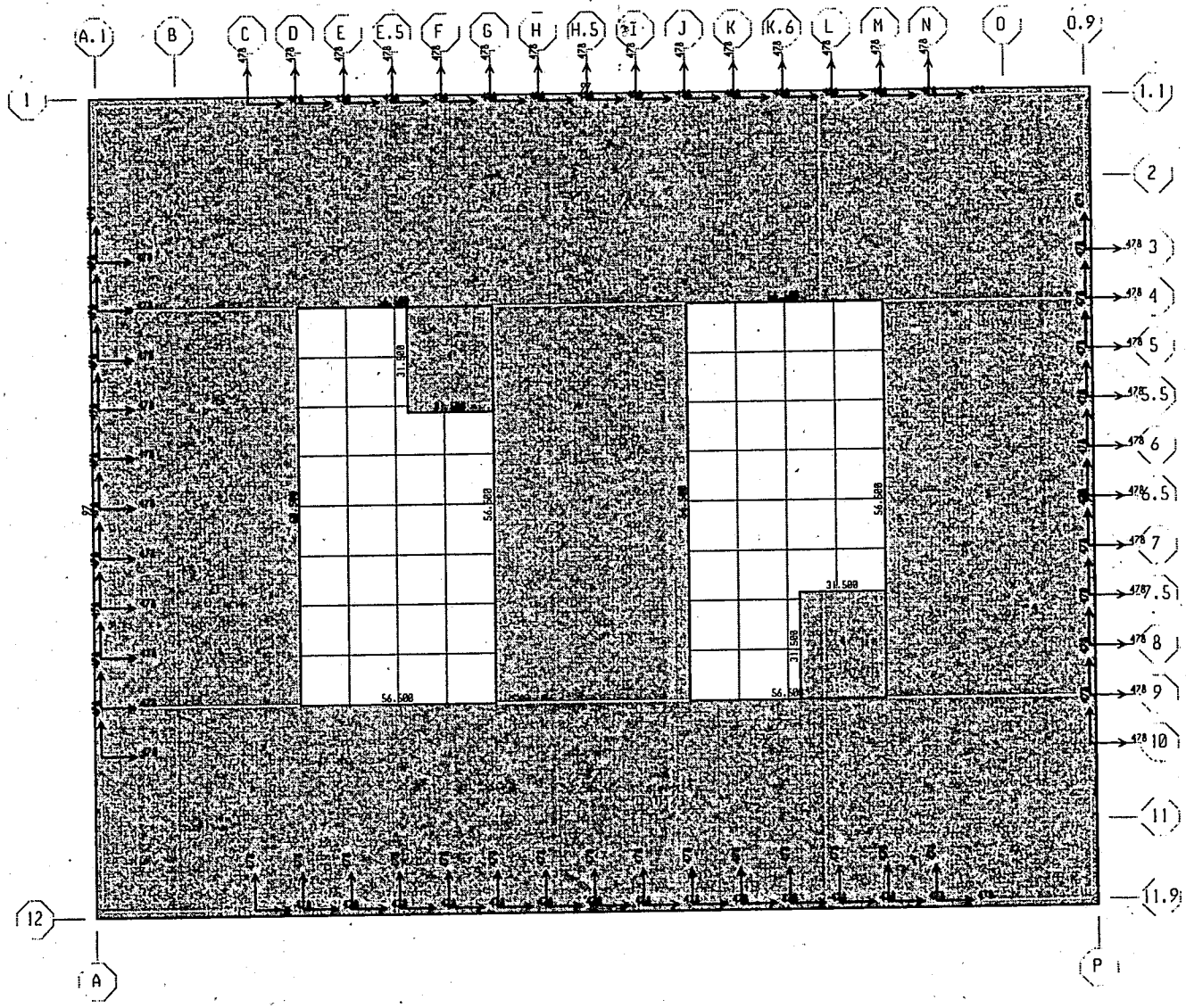
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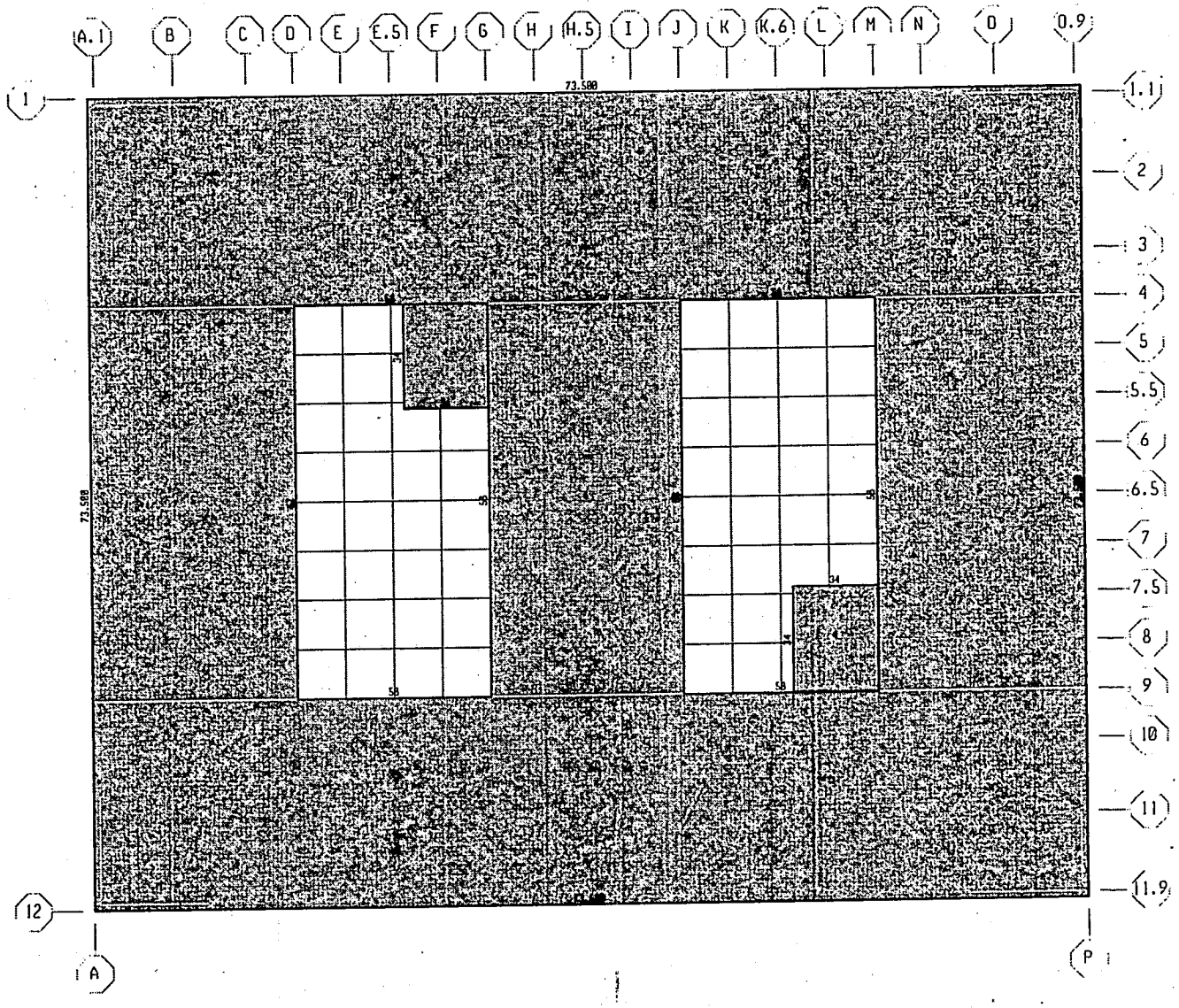
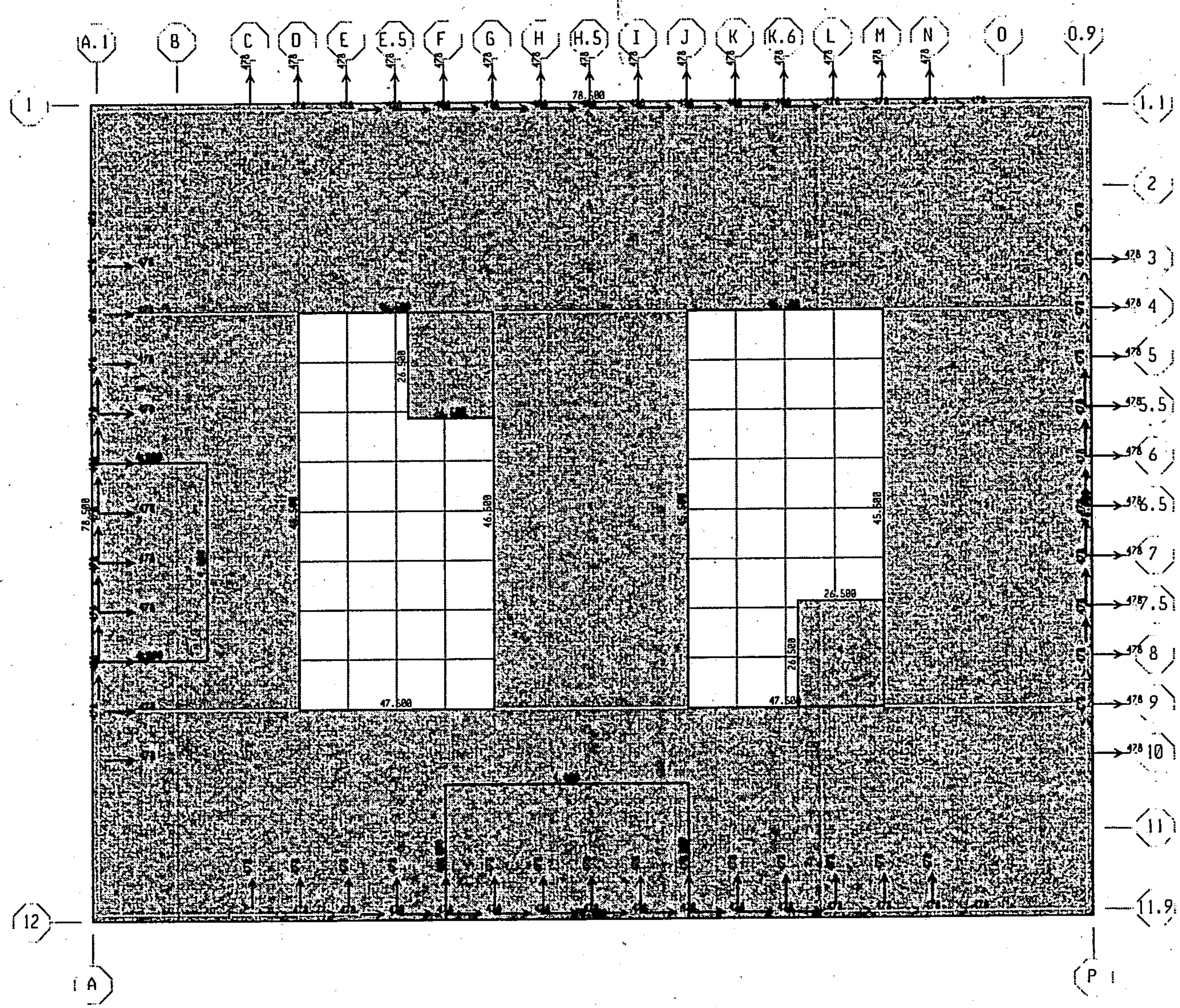
56.500
31.500



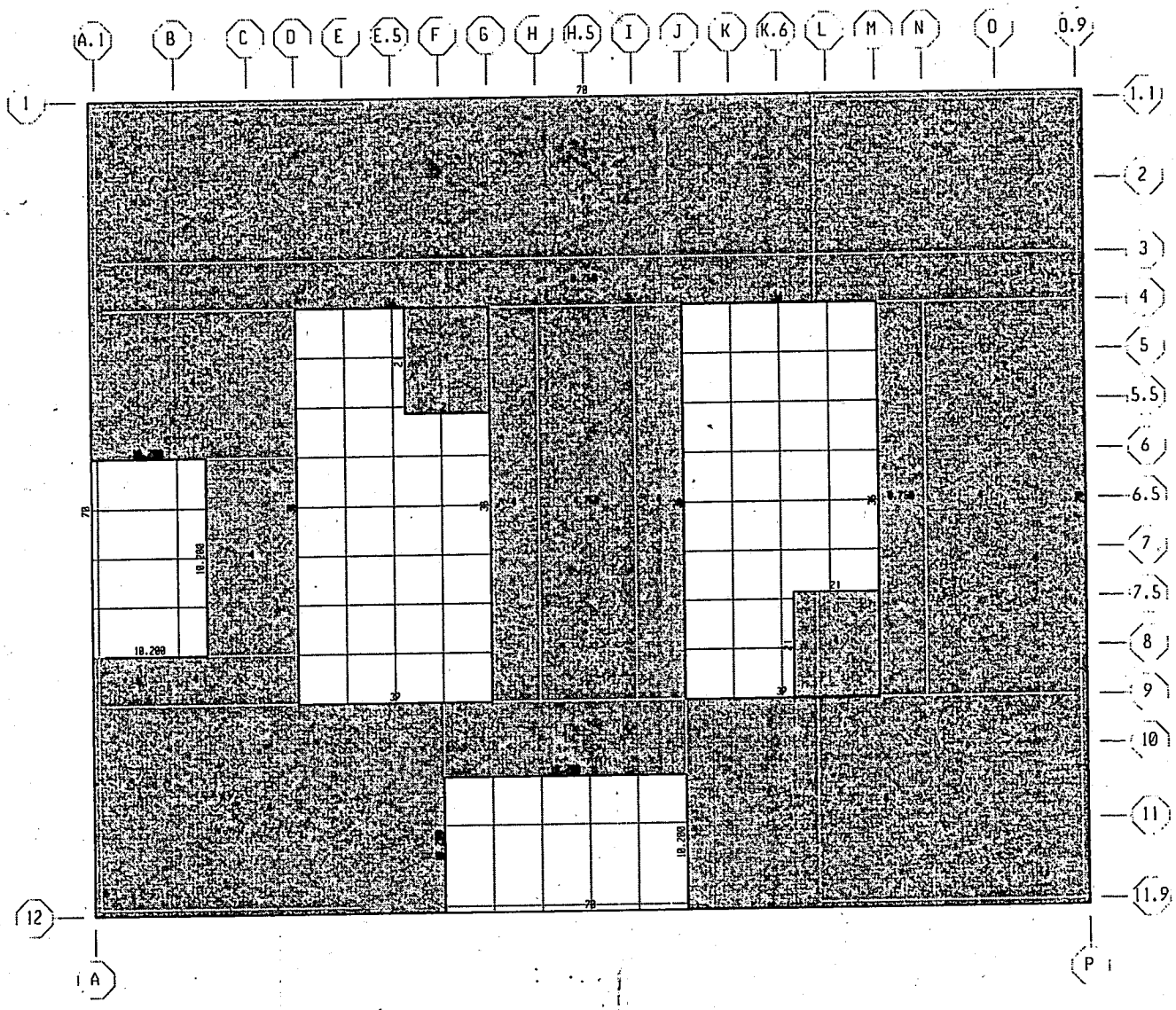
ETABS v8.5.6 - File: HOJ - February 28,2007 16:15
Plan View - L12 - Elevation 146.8333 - lb-ft Units

ETA

NYA



ETABS v8.5.6 - File: HOJ - February 28,2007 16:15
Plan View - L10 - Elevation 127.8333 - lb-ft Units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K.6
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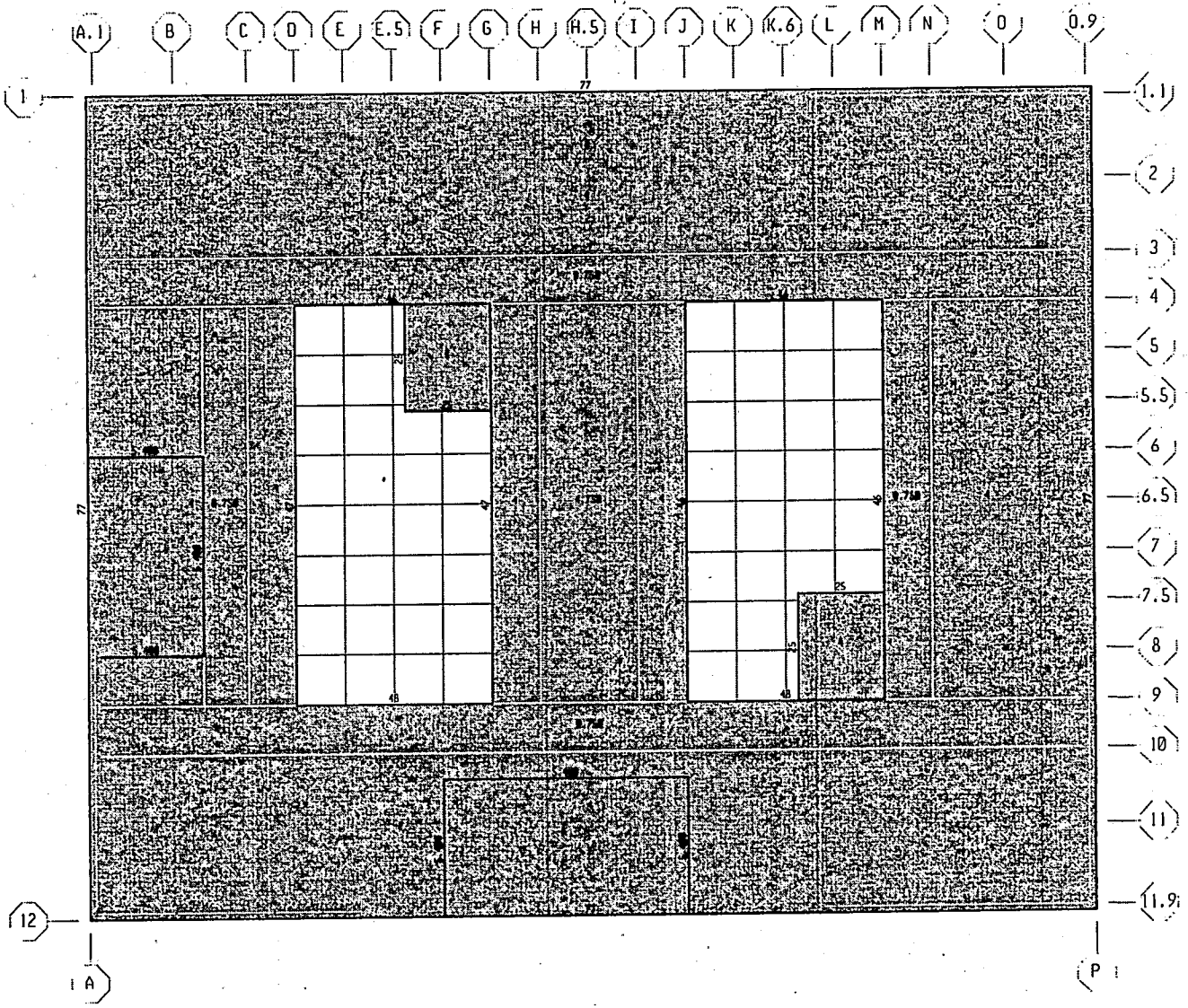
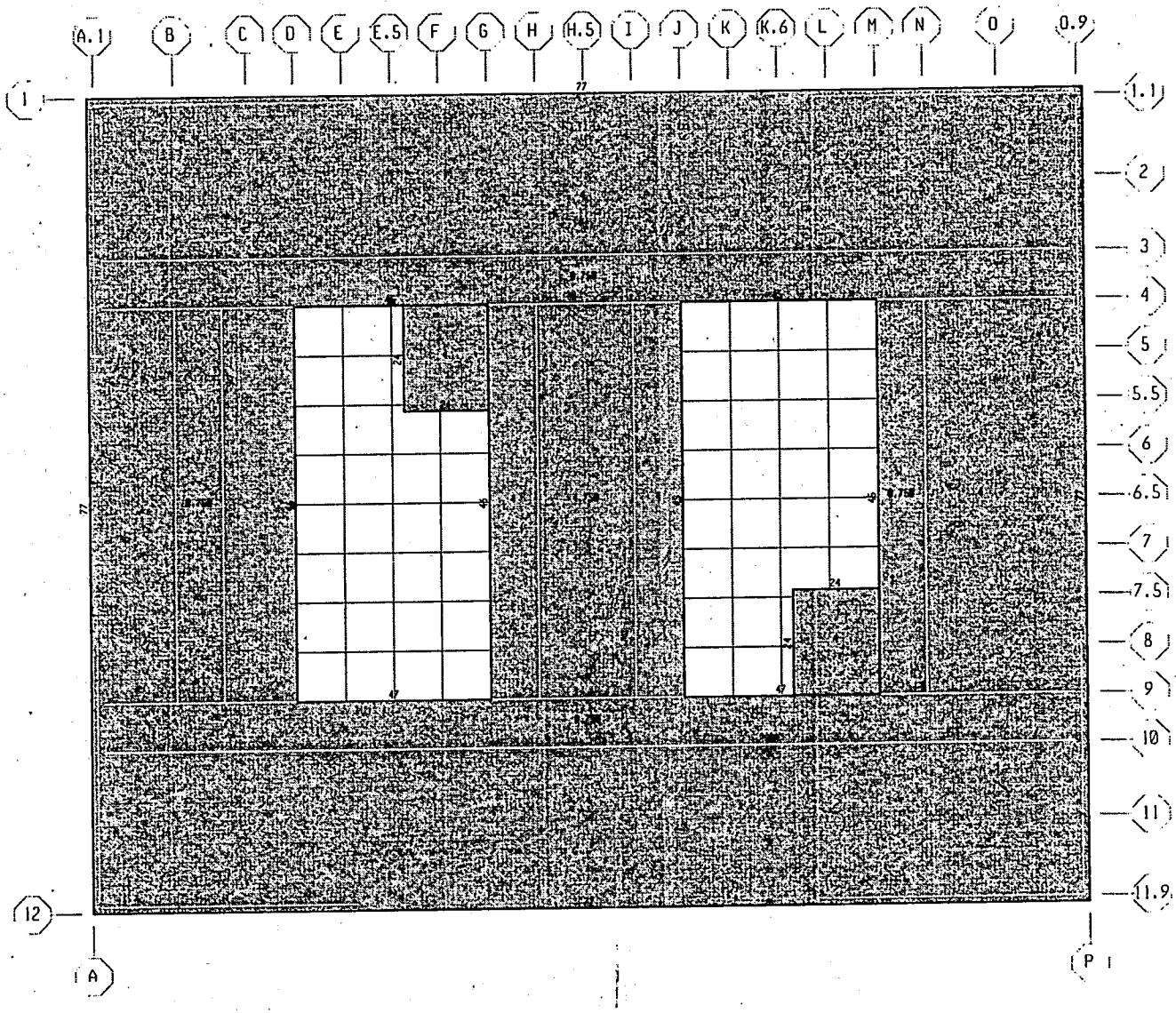
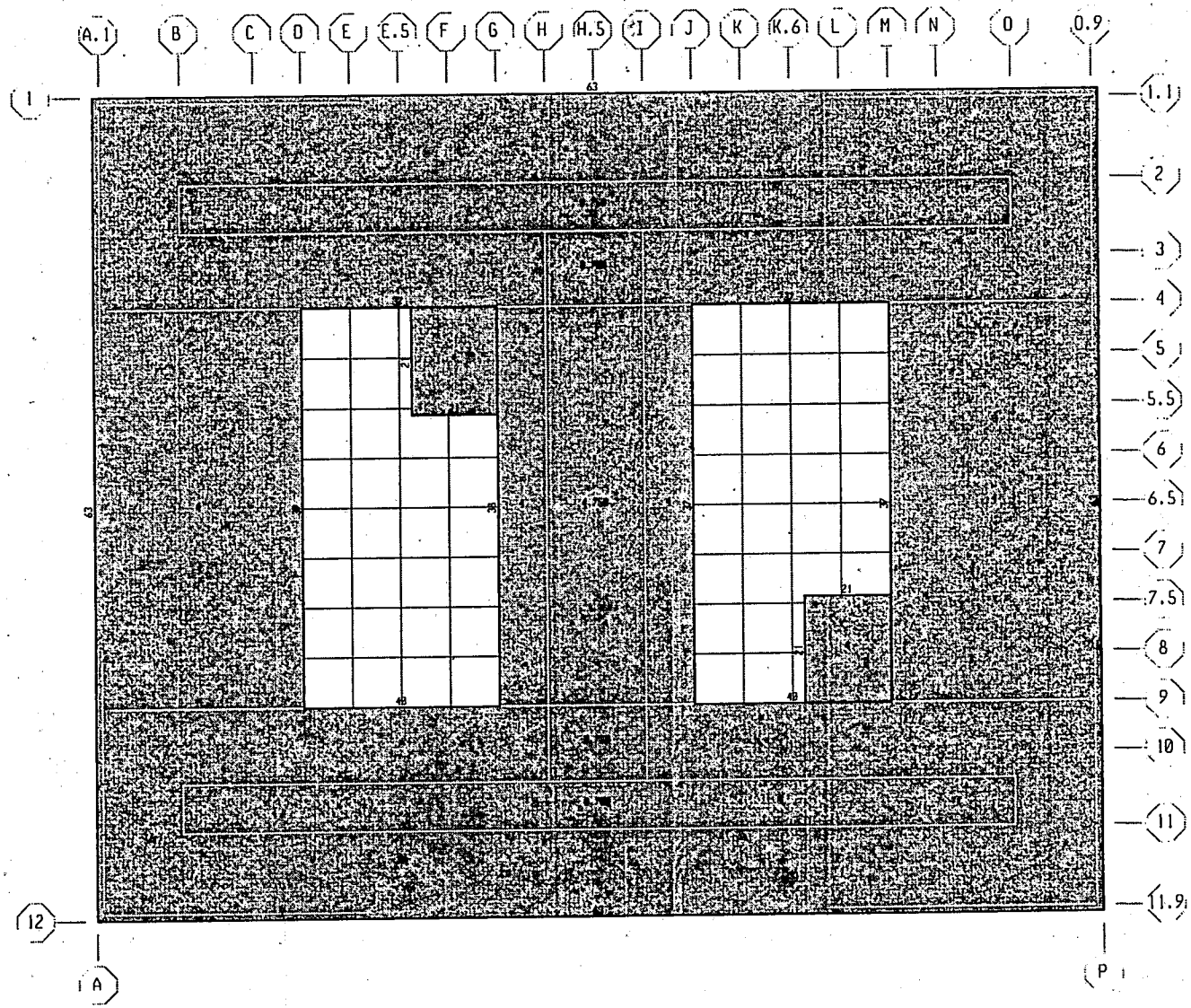
78
39
21
18.288



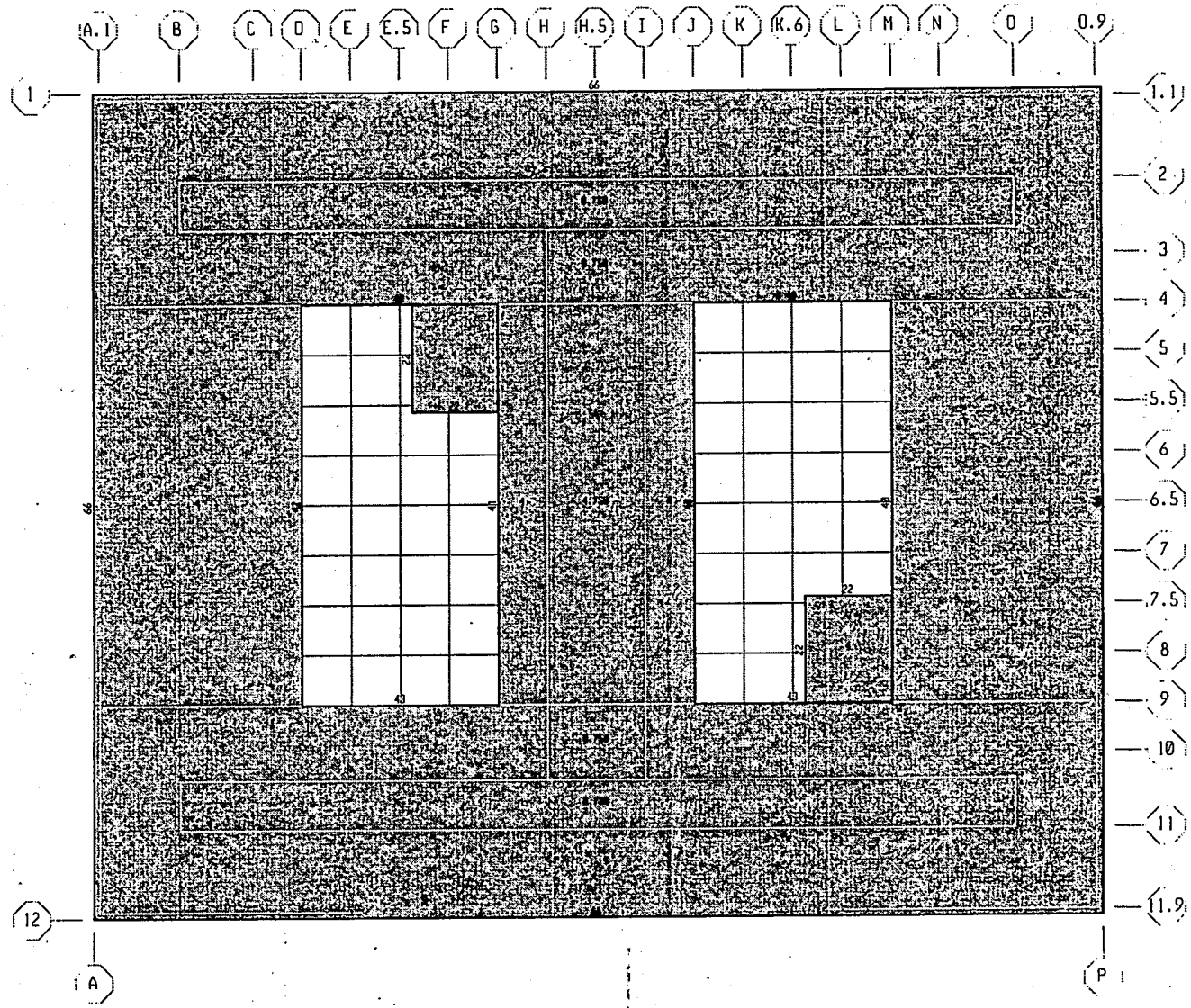
ETABS v8.5.6 - File: HOJ - February 28,2007 16:15
Plan View - L8 - Elevation 104.5 - lb-ft Units



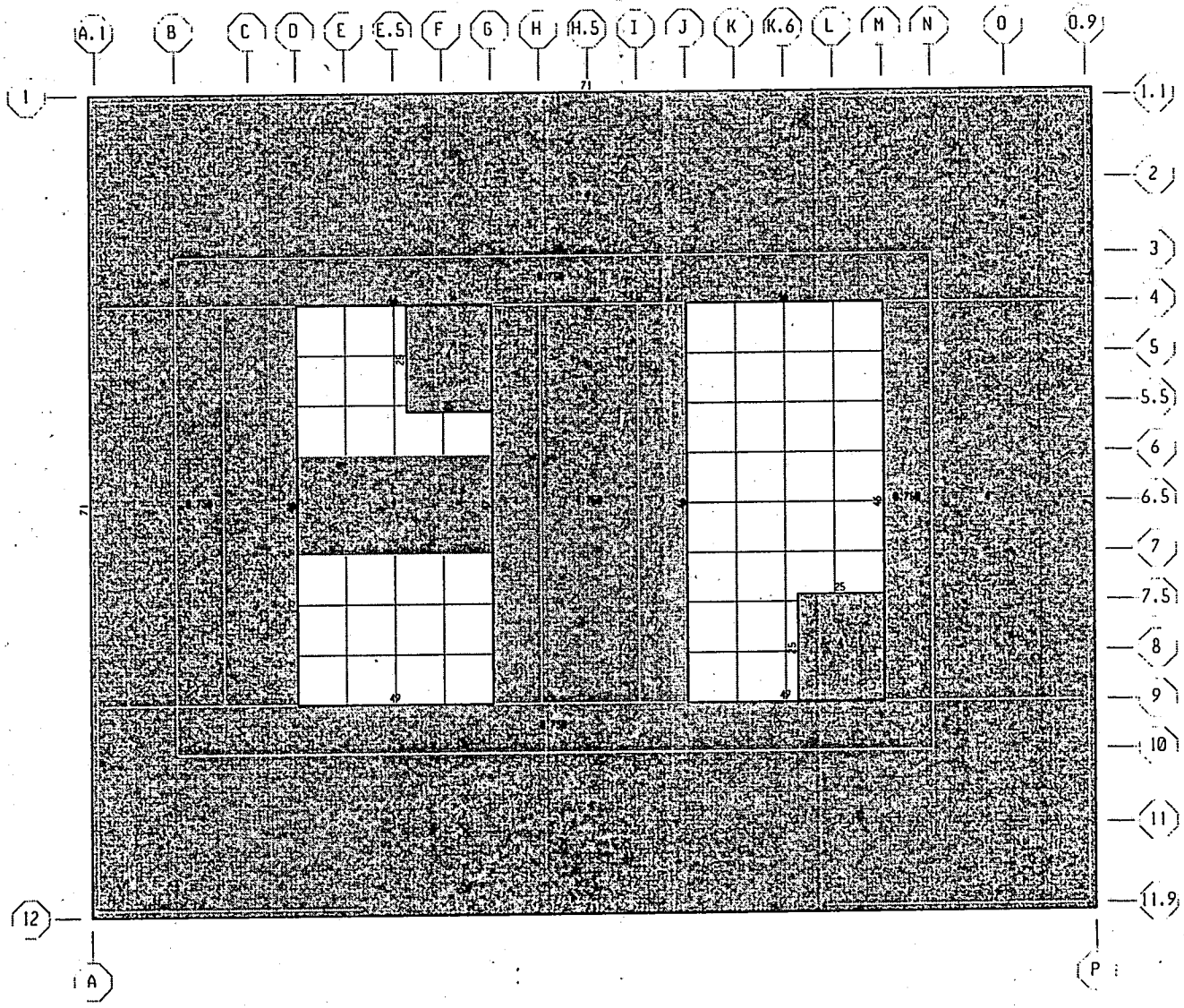
ETABS v8.5.6 - File: HOJ - February 28,2007 16:15
Plan View - L7 - Elevation 88.91666 - lb-ft Units



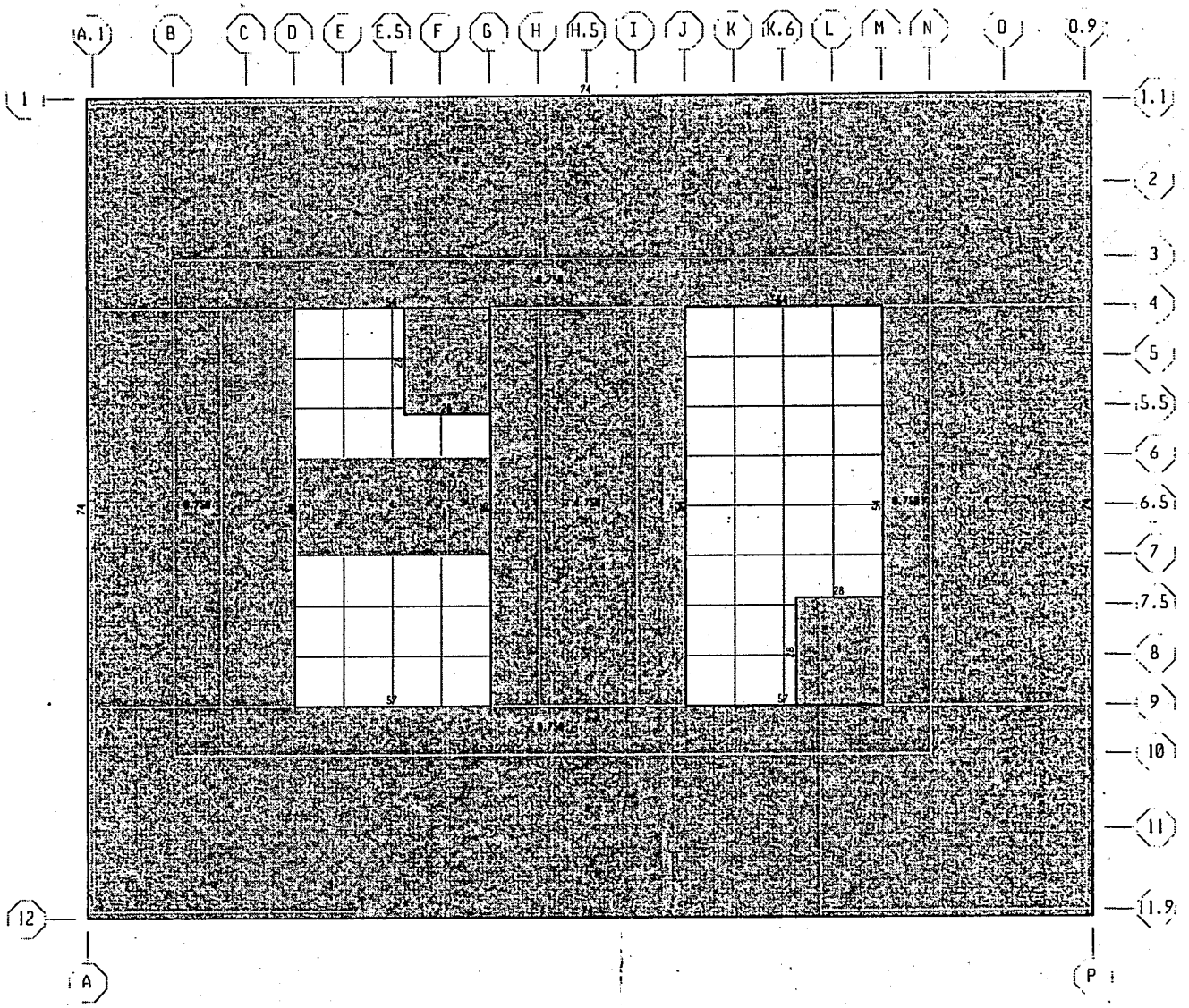
ETABS v8.5.6 - File: HOJ - February 28,2007 16:16
Plan View - L6 - Elevation 77.08334 - lb-ft Units



ETABS v8.5.6 - File: HOJ - February 28,2007 16:15
Plan View - L5 - Elevation 65.25 - lb-ft Units



ETABS v8.5.6 - File: HOJ - February 28,2007 16:15
Plan View - L4 - Elevation 52 - lb-ft Units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11.9
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A
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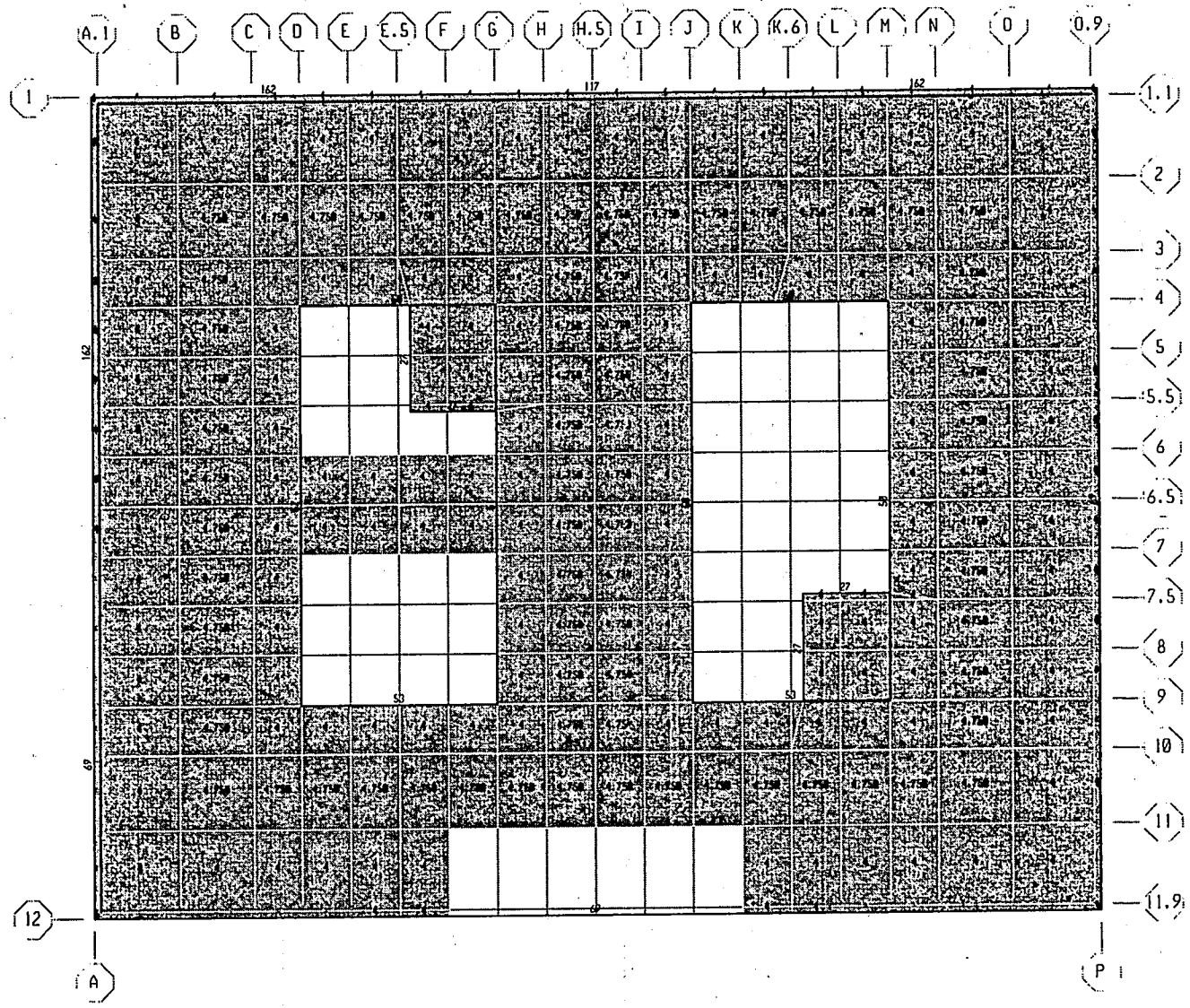
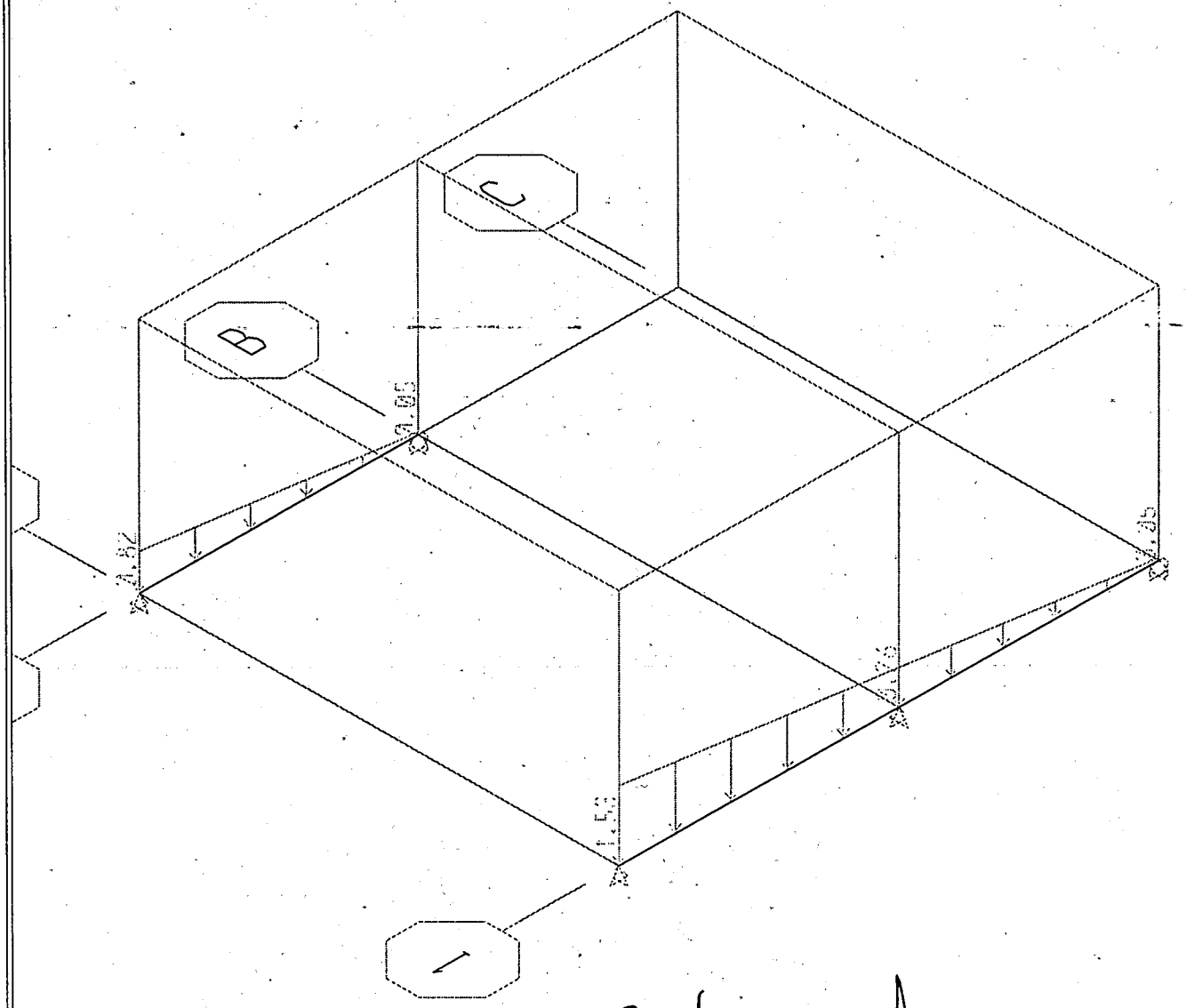
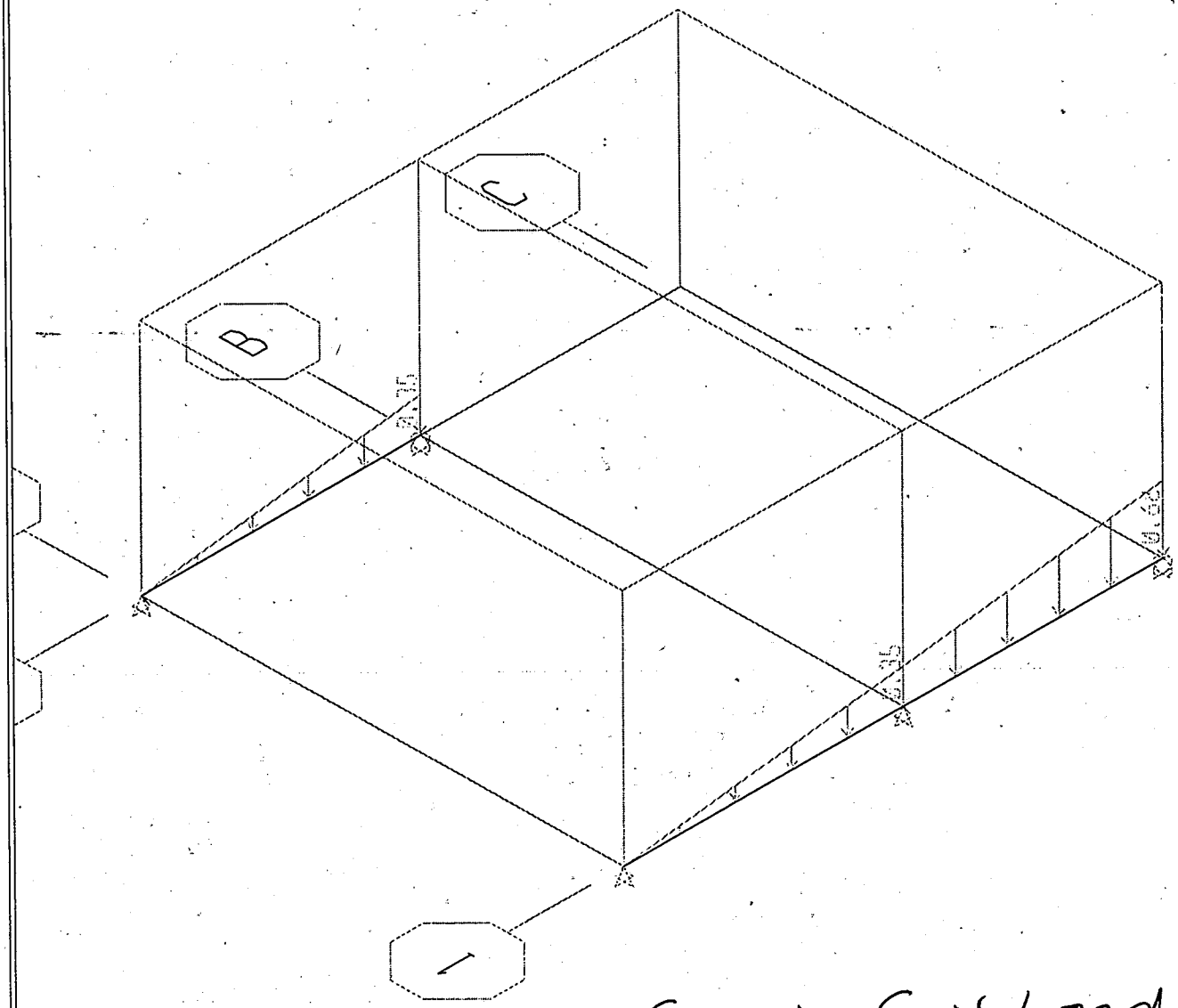
74
54
28
57



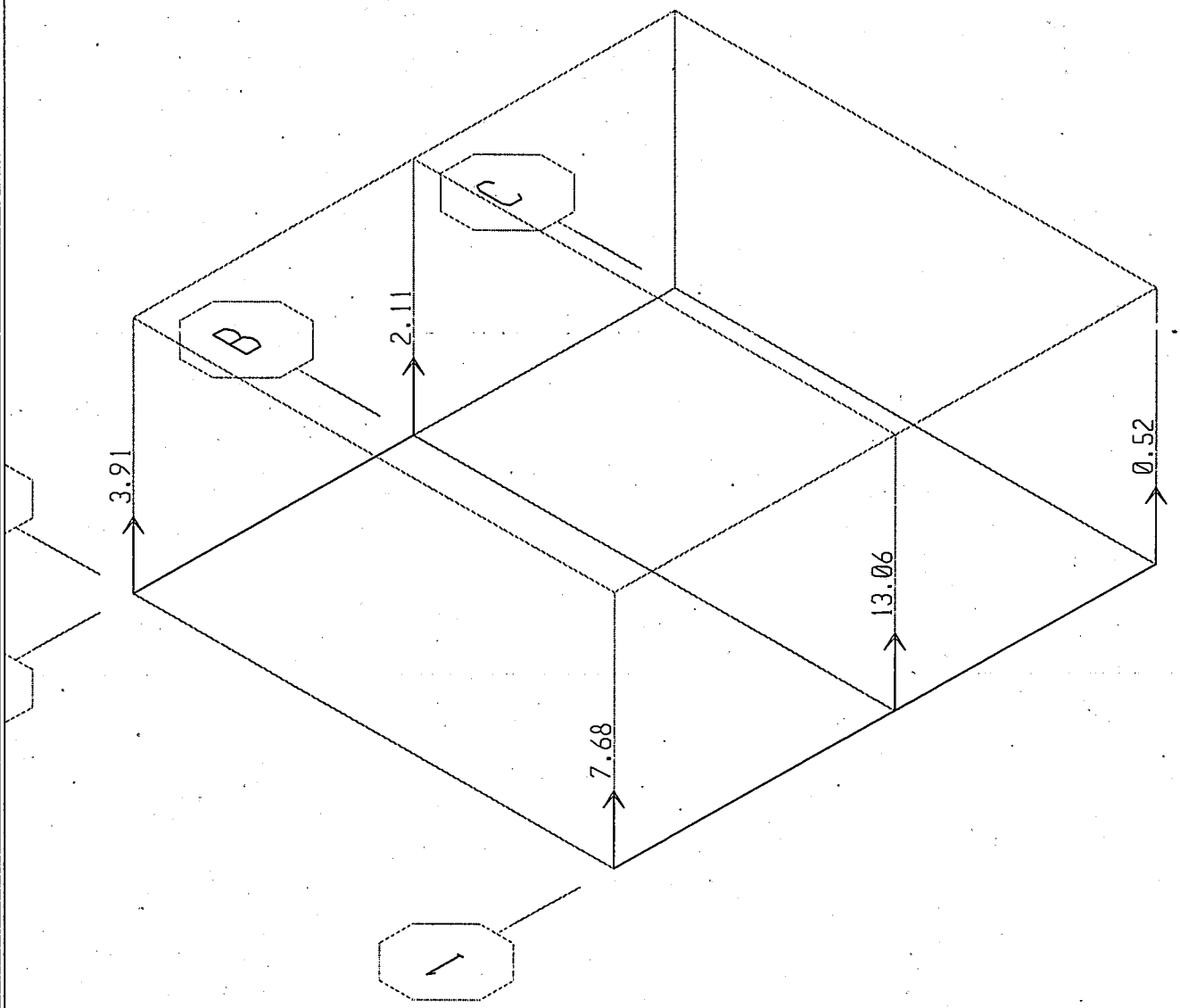
ETABS v8.5.6 - File: HOJ - February 28,2007 16:15
Plan View - L2 - Elevation 20 - lb-ft Units



Soil Load



Seismic Soil Load


C
B
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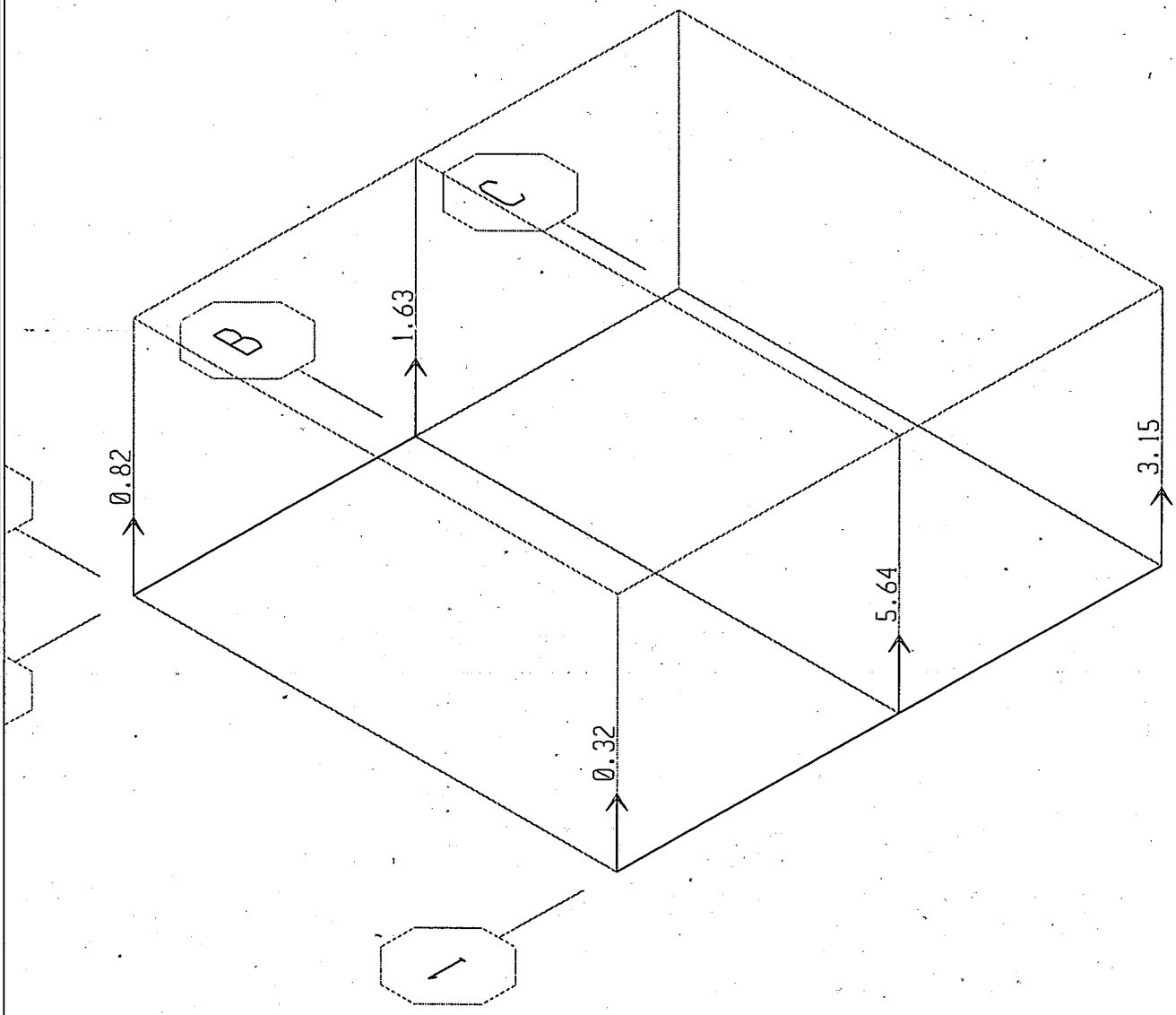
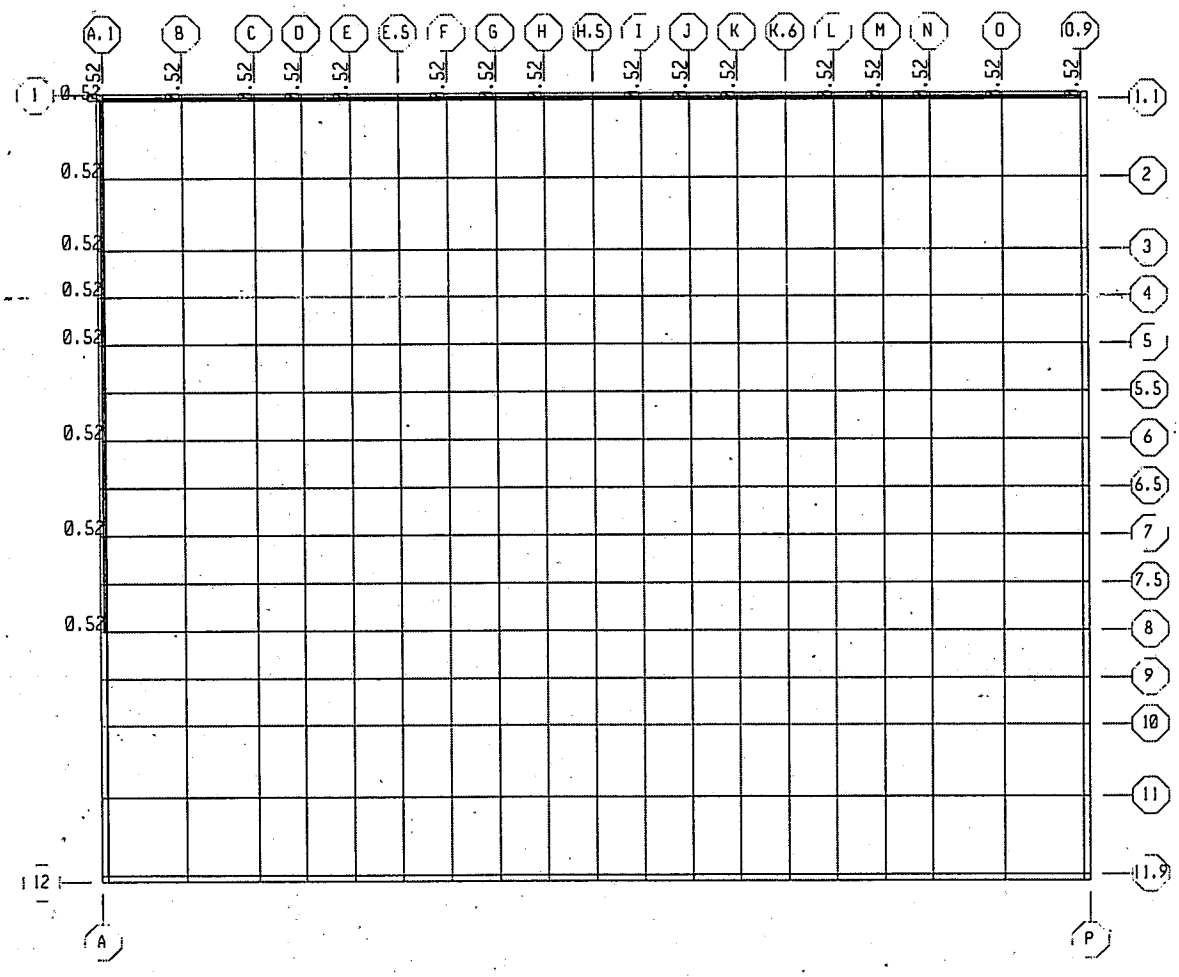
3.91
0.52
13.06
7.68
1


C
B
1.63
0.82
3.15
5.64
0.32
1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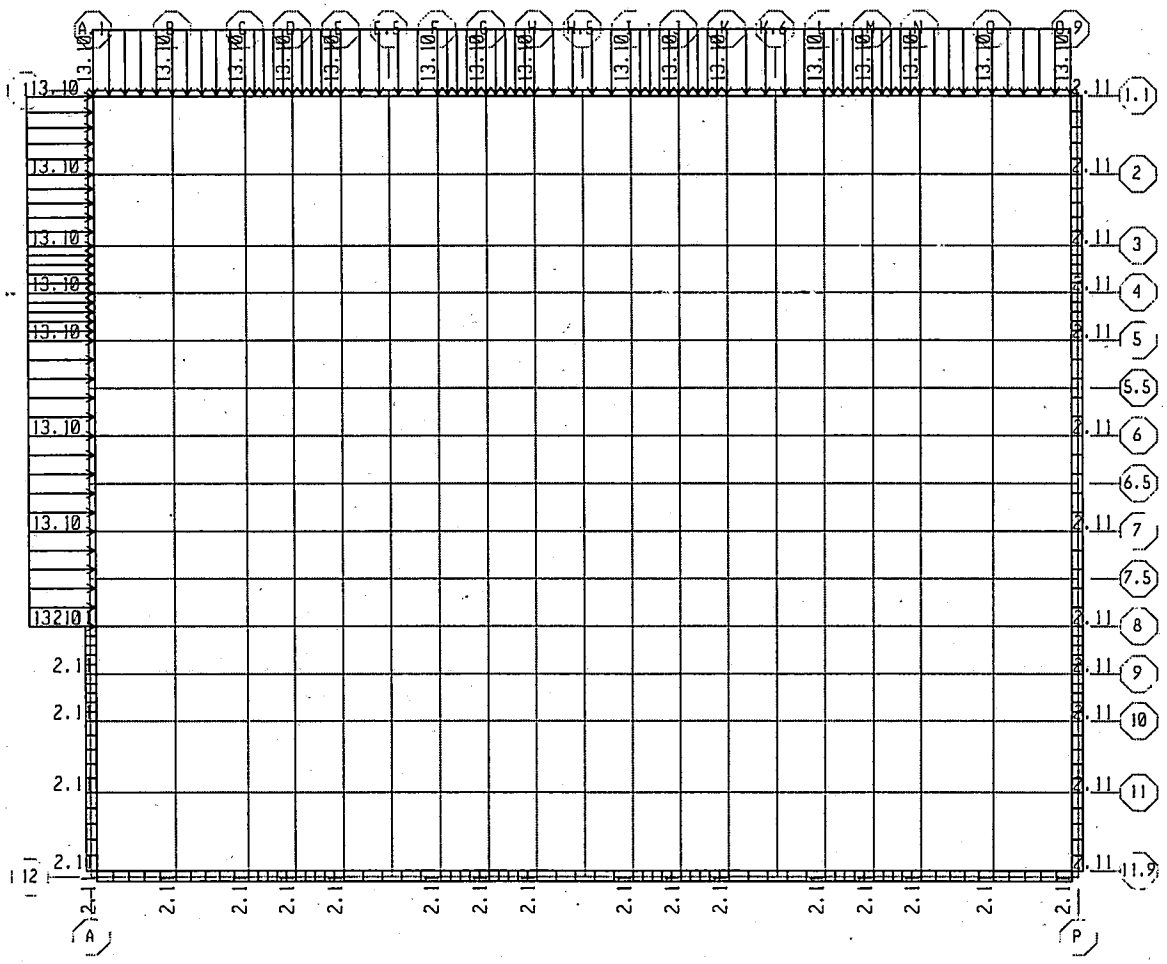
0.52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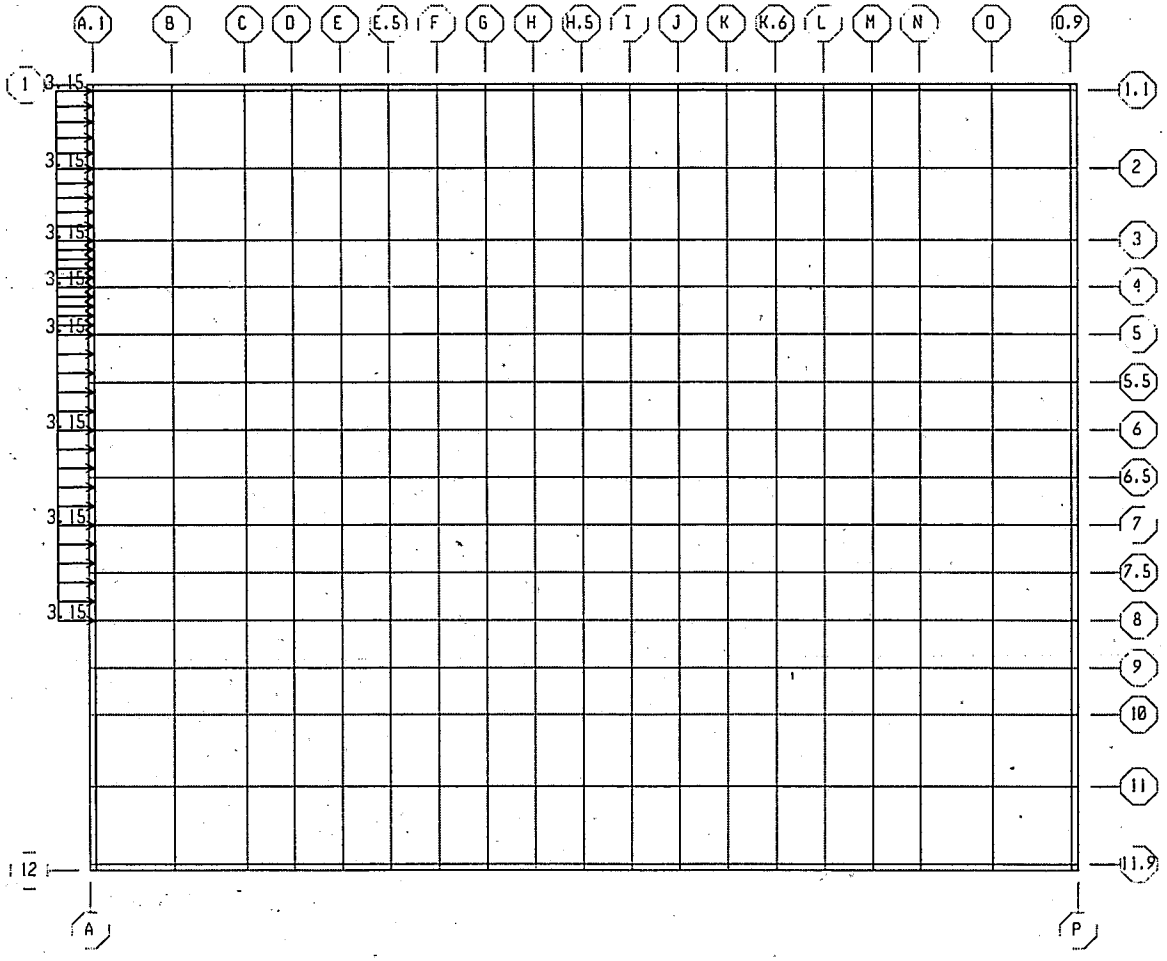
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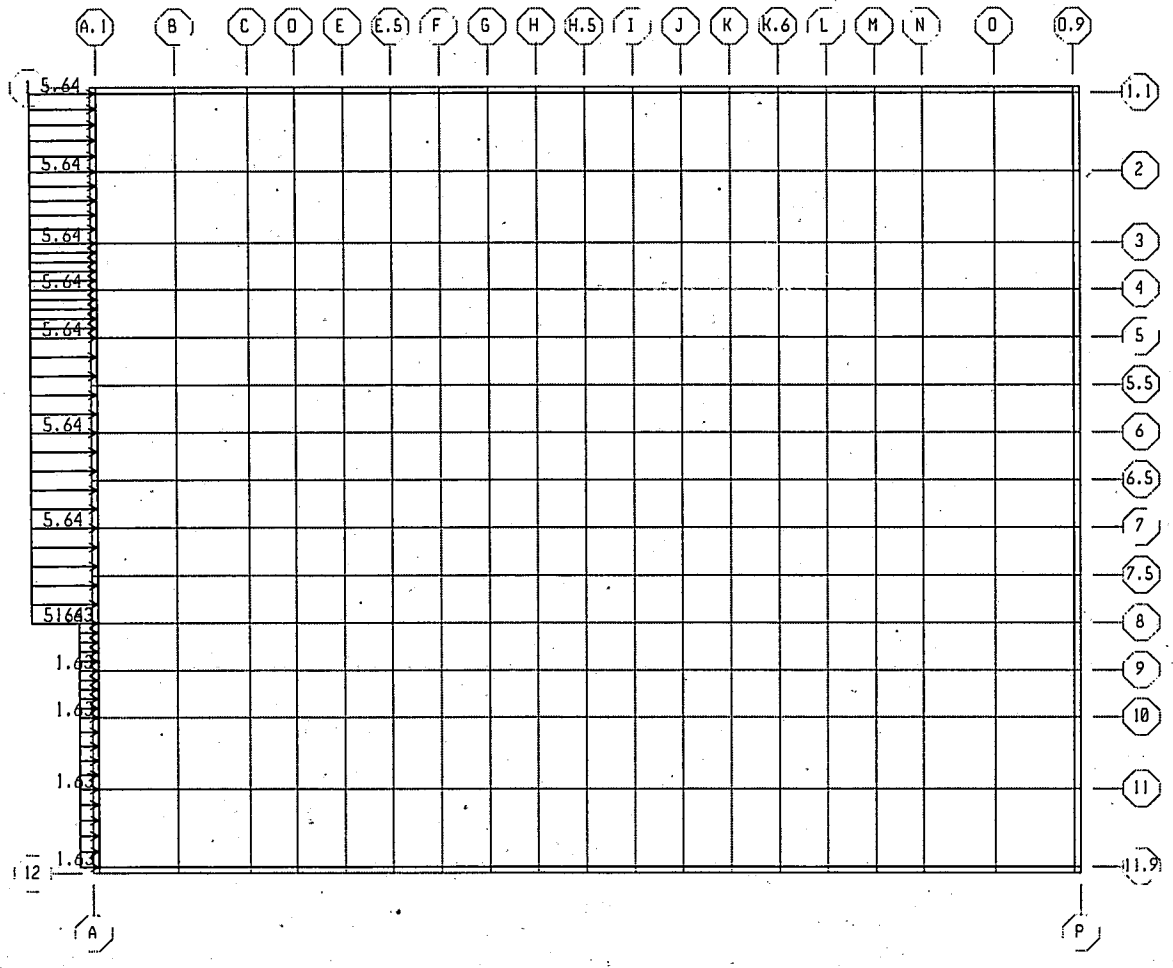
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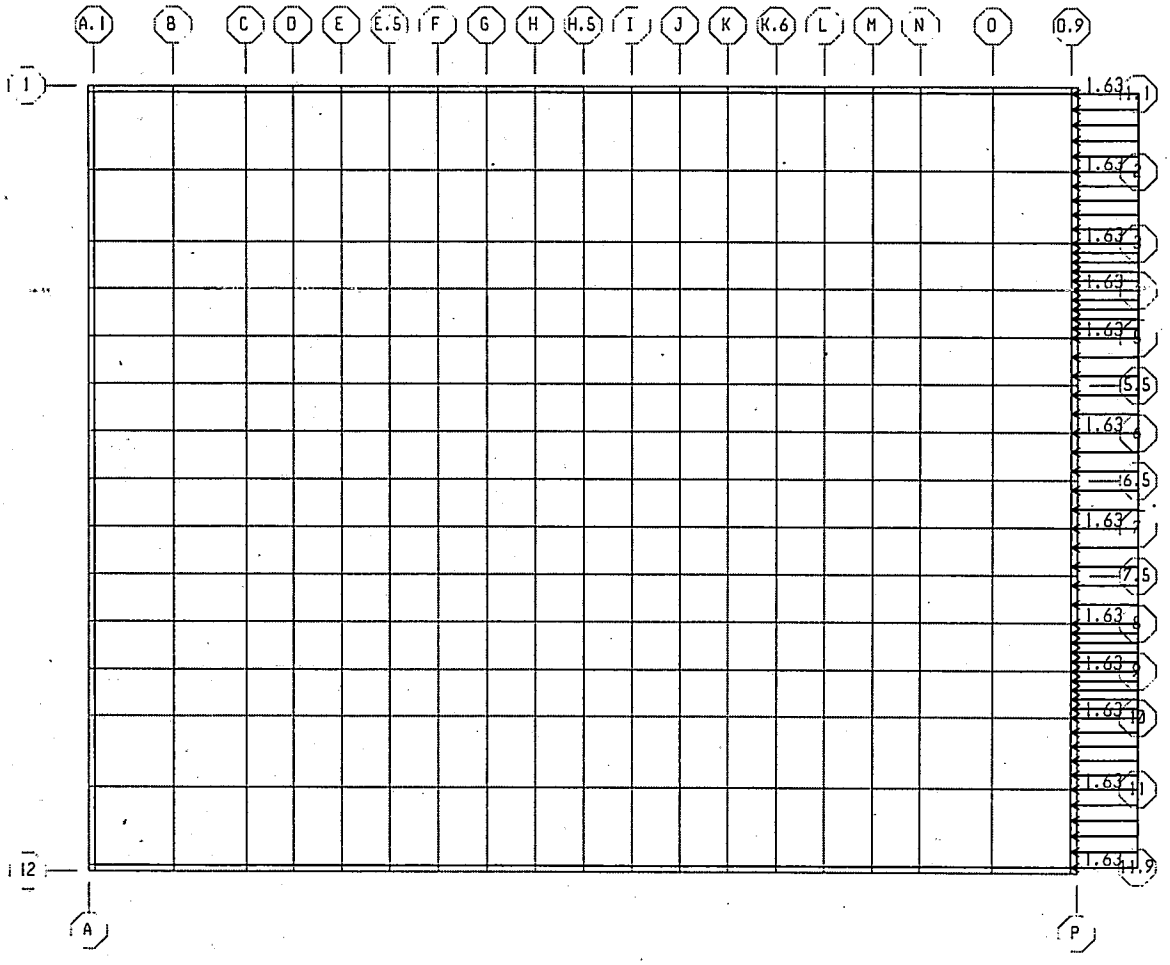
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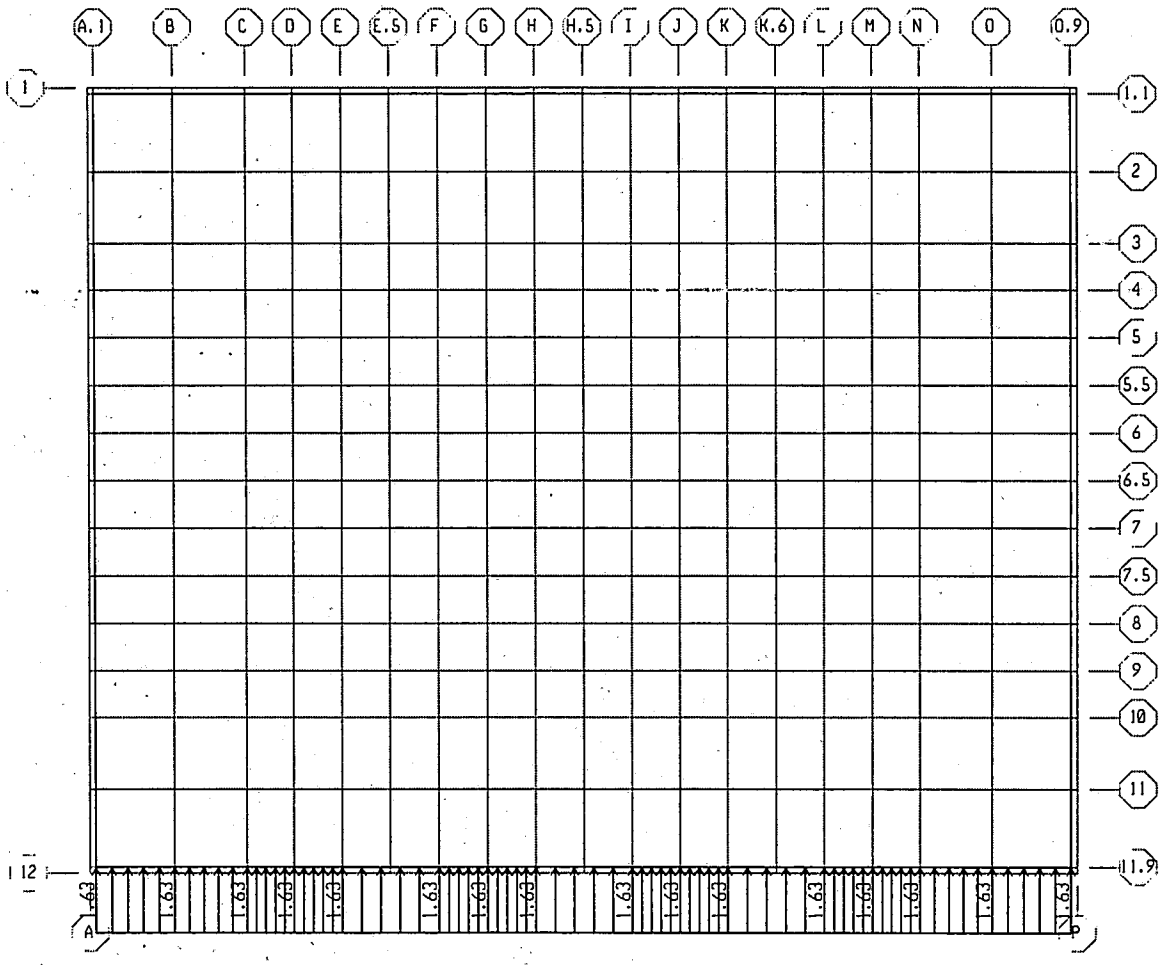
16.5
17.5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1.63
A
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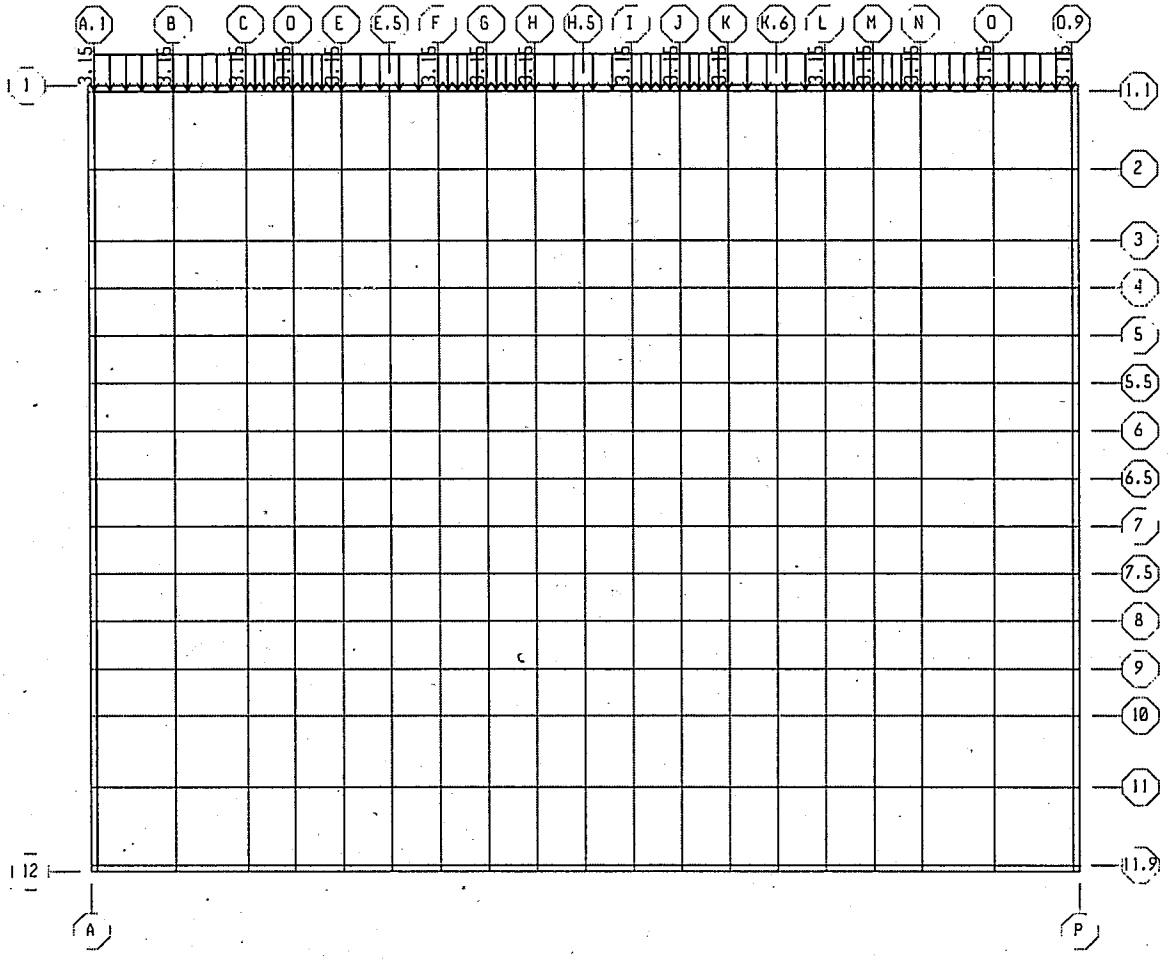
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11.9
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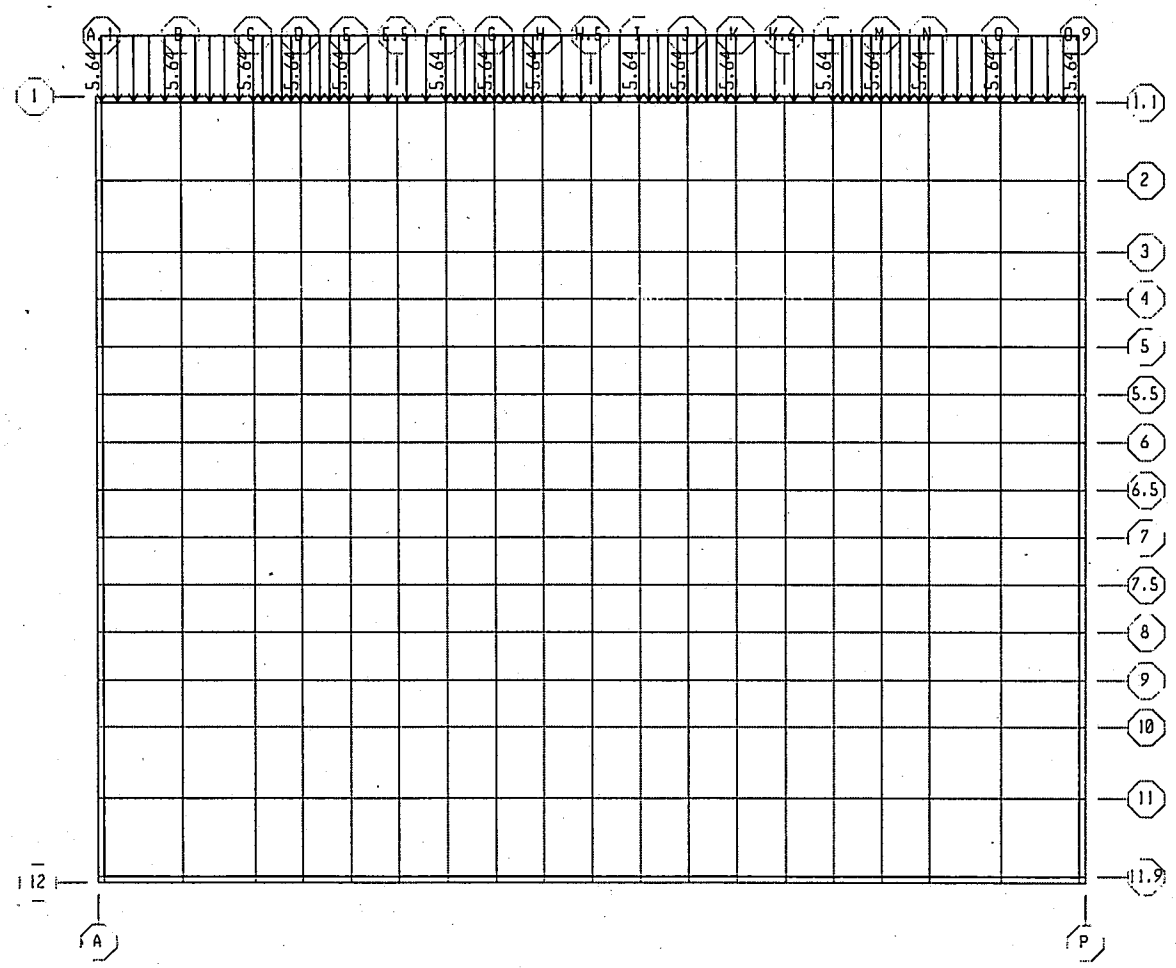
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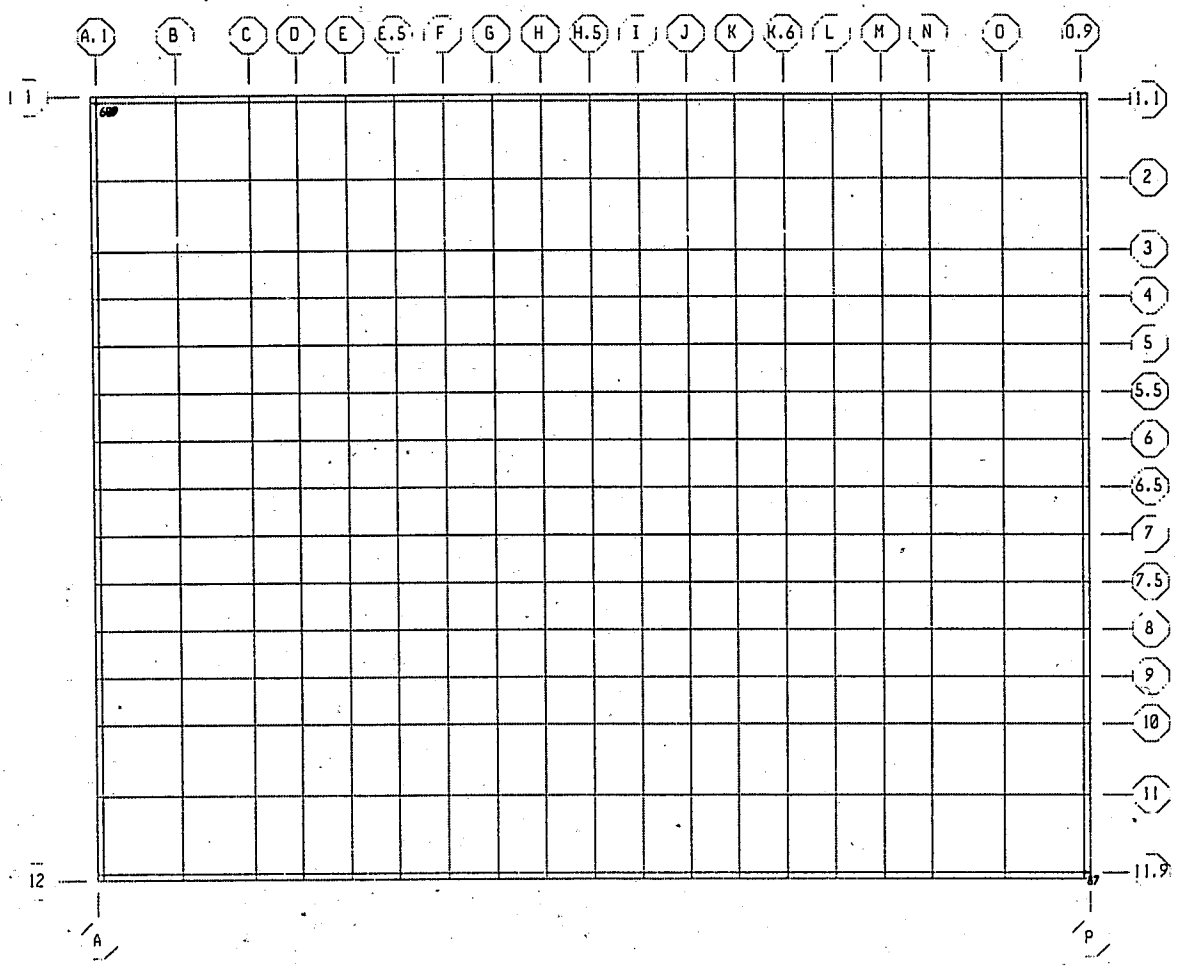
E: Torsional Irregularity and Drift Check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11.9
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L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
DX	ADD	SPECX	Spectra	0.5367
DY	ADD	SPECY	Spectra	0.5283

P O I N T D I S P L A C E M E N T S

STORY	POINT	LOAD	UX	UY	UZ	RX	RY	RZ
RF	87	DX Max	3.0789	0.3332	0.2934	0.00023	0.00232	0.00010
RF	87	DX Min	-3.0789	-0.3332	-0.2934	-0.00023	-0.00232	-0.00010
RF	87	DY Max	0.3430	3.1402	0.2694	0.00237	0.00023	0.00017
RF	87	DY Min	-0.3430	-3.1402	-0.2694	-0.00237	-0.00023	-0.00017
RF	609	DX Max	2.8838	0.2965	0.2936	0.00021	0.00221	0.00010
RF	609	DX Min	-2.8838	-0.2965	-0.2936	-0.00021	-0.00221	-0.00010
RF	609	DY Max	0.3247	2.7252	0.2855	0.00213	0.00022	0.00017
RF	609	DY Min	-0.3247	-2.7252	-0.2855	-0.00213	-0.00022	-0.00017
L14	87	DX Max	2.6453	0.2895	0.2947	0.00024	0.00249	0.00009
L14	87	DX Min	-2.6453	-0.2895	-0.2947	-0.00024	-0.00249	-0.00009
L14	87	DY Max	0.2988	2.6978	0.2711	0.00255	0.00025	0.00015
L14	87	DY Min	-0.2988	-2.6978	-0.2711	-0.00255	-0.00025	-0.00015
L14	609	DX Max	2.4715	0.2558	0.2951	0.00022	0.00238	0.00009
L14	609	DX Min	-2.4715	-0.2558	-0.2951	-0.00022	-0.00238	-0.00009
L14	609	DY Max	0.2817	2.3283	0.2869	0.00229	0.00023	0.00015
L14	609	DY Min	-0.2817	-2.3283	-0.2869	-0.00229	-0.00023	-0.00015
L13	87	DX Max	2.3724	0.2618	0.2961	0.00038	0.00333	0.00067
L13	87	DX Min	-2.3724	-0.2618	-0.2961	-0.00038	-0.00333	-0.00067
L13	87	DY Max	0.2710	2.4199	0.2728	0.00337	0.00042	0.00098
L13	87	DY Min	-0.2710	-2.4199	-0.2728	-0.00337	-0.00042	-0.00098
L13	609	DX Max	2.2117	0.2298	0.2967	0.00029	0.00319	0.00069
L13	609	DX Min	-2.2117	-0.2298	-0.2967	-0.00029	-0.00319	-0.00069
L13	609	DY Max	0.2543	2.0785	0.2884	0.00307	0.00029	0.00086
L13	609	DY Min	-0.2543	-2.0785	-0.2884	-0.00307	-0.00029	-0.00086
L12	87	DX Max	2.1043	0.2342	0.2820	0.00034	0.00285	0.00008
L12	87	DX Min	-2.1043	-0.2342	-0.2820	-0.00034	-0.00285	-0.00008
L12	87	DY Max	0.2434	2.1475	0.2588	0.00291	0.00037	0.00013
L12	87	DY Min	-0.2434	-2.1475	-0.2588	-0.00291	-0.00037	-0.00013
L12	609	DX Max	1.9568	0.2036	0.2826	0.00025	0.00273	0.00008
L12	609	DX Min	-1.9568	-0.2036	-0.2826	-0.00025	-0.00273	-0.00008
L12	609	DY Max	0.2269	1.8338	0.2745	0.00261	0.00025	0.00013
L12	609	DY Min	-0.2269	-1.8338	-0.2745	-0.00261	-0.00025	-0.00013
L11	87	DX Max	1.8764	0.2100	0.2670	0.00023	0.00211	0.00097
L11	87	DX Min	-1.8764	-0.2100	-0.2670	-0.00023	-0.00211	-0.00097
L11	87	DY Max	0.2192	1.9163	0.2443	0.00217	0.00024	0.00124
L11	87	DY Min	-0.2192	-1.9163	-0.2443	-0.00217	-0.00024	-0.00124
L11	609	DX Max	1.7411	0.1810	0.2676	0.00019	0.00201	0.00092
L11	609	DX Min	-1.7411	-0.1810	-0.2676	-0.00019	-0.00201	-0.00092
L11	609	DY Max	0.2034	1.6270	0.2599	0.00192	0.00020	0.00102
L11	609	DY Min	-0.2034	-1.6270	-0.2599	-0.00192	-0.00020	-0.00102
L10	87	DX Max	1.6750	0.1881	0.2507	0.00022	0.00168	0.00006
L10	87	DX Min	-1.6750	-0.1881	-0.2507	-0.00022	-0.00168	-0.00006
L10	87	DY Max	0.1975	1.7115	0.2288	0.00172	0.00023	0.00011
L10	87	DY Min	-0.1975	-1.7115	-0.2288	-0.00172	-0.00023	-0.00011
L10	609	DX Max	1.5514	0.1606	0.2514	0.00016	0.00158	0.00006
L10	609	DX Min	-1.5514	-0.1606	-0.2514	-0.00016	-0.00158	-0.00006
L10	609	DY Max	0.1824	1.4454	0.2443	0.00154	0.00015	0.00011
L10	609	DY Min	-0.1824	-1.4454	-0.2443	-0.00154	-0.00015	-0.00011
L9	87	DX Max	1.4810	0.1661	0.2371	0.00033	0.00168	0.00006
L9	87	DX Min	-1.4810	-0.1661	-0.2371	-0.00033	-0.00168	-0.00006
L9	87	DY Max	0.1762	1.5118	0.2167	0.00173	0.00034	0.00010
L9	87	DY Min	-0.1762	-1.5118	-0.2167	-0.00173	-0.00034	-0.00010
L9	609	DX Max	1.3705	0.1407	0.2380	0.00020	0.00157	0.00006
L9	609	DX Min	-1.3705	-0.1407	-0.2380	-0.00020	-0.00157	-0.00006
L9	609	DY Max	0.1623	1.2693	0.2314	0.00155	0.00020	0.00010
L9	609	DY Min	-0.1623	-1.2693	-0.2314	-0.00155	-0.00020	-0.00010
L8	87	DX Max	1.2623	0.1410	0.2254	0.00018	0.00150	0.00005
L8	87	DX Min	-1.2623	-0.1410	-0.2254	-0.00018	-0.00150	-0.00005
L8	87	DY Max	0.1515	1.2856	0.2062	0.00156	0.00018	0.00009
L8	87	DY Min	-0.1515	-1.2856	-0.2062	-0.00156	-0.00018	-0.00009
L8	609	DX Max	1.1662	0.1190	0.2266	0.00014	0.00141	0.00005
L8	609	DX Min	-1.1662	-0.1190	-0.2266	-0.00014	-0.00141	-0.00005
L8	609	DY Max	0.1389	1.0722	0.2192	0.00135	0.00015	0.00009
L8	609	DY Min	-0.1389	-1.0722	-0.2192	-0.00135	-0.00015	-0.00009

P O I N T D I S P L A C E M E N T S

STORY	POINT	LOAD	UX	UY	UZ	RX	RY	RZ
L7	87	DX Max	1.0001	0.1112	0.2102	0.00027	0.00169	0.00004
L7	87	DX Min	-1.0001	-0.1112	-0.2102	-0.00027	-0.00169	-0.00004
L7	87	DY Max	0.1216	1.0169	0.1922	0.00170	0.00028	0.00007
L7	87	DY Min	-0.1216	-1.0169	-0.1922	-0.00170	-0.00028	-0.00007
L7	609	DX Max	0.9201	0.0945	0.2117	0.00018	0.00161	0.00004
L7	609	DX Min	-0.9201	-0.0945	-0.2117	-0.00018	-0.00161	-0.00004
L7	609	DY Max	0.1104	0.8407	0.2031	0.00150	0.00017	0.00007
L7	609	DY Min	-0.1104	-0.8407	-0.2031	-0.00150	-0.00017	-0.00007
L6	87	DX Max	0.7966	0.0900	0.1969	0.00026	0.00176	0.00003
L6	87	DX Min	-0.7966	-0.0900	-0.1969	-0.00026	-0.00176	-0.00003
L6	87	DY Max	0.1000	0.8133	0.1800	0.00174	0.00028	0.00006
L6	87	DY Min	-0.1000	-0.8133	-0.1800	-0.00174	-0.00028	-0.00006
L6	609	DX Max	0.7276	0.0757	0.1987	0.00019	0.00168	0.00003
L6	609	DX Min	-0.7276	-0.0757	-0.1987	-0.00019	-0.00168	-0.00003
L6	609	DY Max	0.0894	0.6614	0.1890	0.00155	0.00019	0.00006
L6	609	DY Min	-0.0894	-0.6614	-0.1890	-0.00155	-0.00019	-0.00006
L5	87	DX Max	0.5994	0.0704	0.1787	0.00027	0.00166	0.00003
L5	87	DX Min	-0.5994	-0.0704	-0.1787	-0.00027	-0.00166	-0.00003
L5	87	DY Max	0.0801	0.6182	0.1637	0.00164	0.00027	0.00005
L5	87	DY Min	-0.0801	-0.6182	-0.1637	-0.00164	-0.00027	-0.00005
L5	609	DX Max	0.5406	0.0579	0.1805	0.00019	0.00159	0.00003
L5	609	DX Min	-0.5406	-0.0579	-0.1805	-0.00019	-0.00159	-0.00003
L5	609	DY Max	0.0699	0.4881	0.1708	0.00146	0.00018	0.00005
L5	609	DY Min	-0.0699	-0.4881	-0.1708	-0.00146	-0.00018	-0.00005
L4	87	DX Max	0.4021	0.0511	0.1490	0.00010	0.00105	0.00002
L4	87	DX Min	-0.4021	-0.0511	-0.1490	-0.00010	-0.00105	-0.00002
L4	87	DY Max	0.0610	0.4236	0.1365	0.00103	0.00011	0.00004
L4	87	DY Min	-0.0610	-0.4236	-0.1365	-0.00103	-0.00011	-0.00004
L4	609	DX Max	0.3540	0.0408	0.1506	0.00010	0.00099	0.00002
L4	609	DX Min	-0.3540	-0.0408	-0.1506	-0.00010	-0.00099	-0.00002
L4	609	DY Max	0.0510	0.3158	0.1415	0.00090	0.00012	0.00004
L4	609	DY Min	-0.0510	-0.3158	-0.1415	-0.00090	-0.00012	-0.00004
L3	87	DX Max	0.2416	0.0347	0.1154	0.00015	0.00088	0.00002
L3	87	DX Min	-0.2416	-0.0347	-0.1154	-0.00015	-0.00088	-0.00002
L3	87	DY Max	0.0447	0.2674	0.1063	0.00090	0.00018	0.00003
L3	87	DY Min	-0.0447	-0.2674	-0.1063	-0.00090	-0.00018	-0.00003
L3	609	DX Max	0.2041	0.0282	0.1166	0.00008	0.00084	0.00002
L3	609	DX Min	-0.2041	-0.0282	-0.1166	-0.00008	-0.00084	-0.00002
L3	609	DY Max	0.0351	0.1827	0.1089	0.00075	0.00008	0.00003
L3	609	DY Min	-0.0351	-0.1827	-0.1089	-0.00075	-0.00008	-0.00003
L2	87	DX Max	0.0923	0.0147	0.0715	0.00013	0.00073	0.00019
L2	87	DX Min	-0.0923	-0.0147	-0.0715	-0.00013	-0.00073	-0.00019
L2	87	DY Max	0.0179	0.1073	0.0681	0.00082	0.00016	0.00014
L2	87	DY Min	-0.0179	-0.1073	-0.0681	-0.00082	-0.00016	-0.00014
L2	609	DX Max	0.0634	0.0120	0.0673	0.00015	0.00049	0.00017
L2	609	DX Min	-0.0634	-0.0120	-0.0673	-0.00015	-0.00049	-0.00017
L2	609	DY Max	0.0145	0.0573	0.0629	0.00051	0.00015	0.00014
L2	609	DY Min	-0.0145	-0.0573	-0.0629	-0.00051	-0.00015	-0.00014
L1	87	DX Max	0.0164	0.0105	0.0301	0.00005	0.00033	0.00006
L1	87	DX Min	-0.0164	-0.0105	-0.0301	-0.00005	-0.00033	-0.00006
L1	87	DY Max	0.0122	0.0212	0.0292	0.00038	0.00004	0.00009
L1	87	DY Min	-0.0122	-0.0212	-0.0292	-0.00038	-0.00004	-0.00009
L1	609	DX Max	0.0116	0.0051	0.0337	0.00009	0.00021	0.00002
L1	609	DX Min	-0.0116	-0.0051	-0.0337	-0.00009	-0.00021	-0.00002
L1	609	DY Max	0.0035	0.0104	0.0315	0.00021	0.00009	0.00001
L1	609	DY Min	-0.0035	-0.0104	-0.0315	-0.00021	-0.00009	-0.00001
BASE	87	DX Max	0.0000	0.0000	0.0000	0.00031	0.00010	0.00003
BASE	87	DX Min	0.0000	0.0000	0.0000	-0.00031	-0.00010	-0.00003
BASE	87	DY Max	0.0000	0.0000	0.0000	0.00007	0.00031	0.00004
BASE	87	DY Min	0.0000	0.0000	0.0000	-0.00007	-0.00031	-0.00004
BASE	609	DX Max	0.0000	0.0000	0.0000	0.00029	0.00013	0.00002
BASE	609	DX Min	0.0000	0.0000	0.0000	-0.00029	-0.00013	-0.00002
BASE	609	DY Max	0.0000	0.0000	0.0000	0.00014	0.00026	0.00003
BASE	609	DY Min	0.0000	0.0000	0.0000	-0.00014	-0.00026	-0.00003

Hall of Justice
Check For Torsional Irregularity per CBC table 16-M Item 1 (adding torsion)
Displacements are based of loads before amplification

Dynamic force scaled to 100% of static base shear

X-direction

Level	ETABS Point	Displacement DX {in}	TORX {in}	Total {in}	Drift {in}	ETABS Point	Displacement DX {in}	TORX {in}	Total {in}	Drift {in}	Max Drift {in}	Avg Drift {in}	Max/ Avg	Irreg?	Amp. Factor	Drift Check T > 0.7sec H {in}	R	Drift {in}	Δm	Limit	Drift ratio scaled by DriftV/ Force V Force V {kips}	Drift V {kips}	Δm
Roof																							
RF	609	2.88	-0.09	2.79	0.40	87	3.08	0.10	3.18	0.45	0.45	0.42	1.06	NO	1.00	199	5.5	0.45	0.0087	0.02	10077	9286	0.0080
L14	609	2.47	-0.08	2.40		87	2.65	0.09	2.74														
14th floor																							
L14	609	2.47	-0.08	2.40	0.50	87	2.65	0.09	2.74	0.56	0.56	0.53	1.06	NO	1.00	228	5.5	0.56	0.0095	0.02	10077	9286	0.0087
L12	609	1.96	-0.06	1.90		87	2.10	0.07	2.18														
12th floor																							
L12	609	1.96	-0.06	1.90	0.39	87	2.10	0.07	2.18	0.44	0.44	0.42	1.06	NO	1.00	228	5.5	0.44	0.0075	0.02	10077	9286	0.0069
L10	609	1.55	-0.05	1.51		87	1.68	0.06	1.73														
10th floor																							
L10	609	1.55	-0.05	1.51	0.18	87	1.68	0.06	1.73	0.20	0.20	0.19	1.07	NO	1.00	132	5.5	0.20	0.0058	0.02	10077	9286	0.0054
L9	609	1.37	-0.04	1.33		87	1.48	0.05	1.53														
9th floor																							
L9	609	1.37	-0.04	1.33	0.20	87	1.48	0.05	1.53	0.23	0.23	0.21	1.07	NO	1.00	148	5.5	0.23	0.0059	0.02	10077	9286	0.0054
L8	609	1.17	-0.03	1.13		87	1.26	0.04	1.30														
8th floor																							
L8	609	1.17	-0.03	1.13	0.24	87	1.26	0.04	1.30	0.27	0.27	0.25	1.06	NO	1.00	187	5.5	0.27	0.0056	0.02	10077	9286	0.0051
L7	609	0.92	-0.03	0.89		87	1.00	0.03	1.03														
7th floor																							
L7	609	0.92	-0.03	0.89	0.19	87	1.00	0.03	1.03	0.21	0.21	0.20	1.06	NO	1.00	142	5.5	0.21	0.0057	0.02	10077	9286	0.0053
L6	609	0.73	-0.02	0.71		87	0.80	0.03	0.82														
6th Floor																							
L6	609	0.73	-0.02	0.71	0.18	87	0.80	0.03	0.82	0.20	0.20	0.19	1.06	NO	1.00	142	5.5	0.20	0.0055	0.02	10077	9286	0.0051
L5	609	0.54	-0.02	0.53		87	0.60	0.02	0.62														
5th Floor																							
L5	609	0.54	-0.02	0.53	0.18	87	0.60	0.02	0.62	0.20	0.20	0.19	1.06	NO	1.00	159	5.5	0.20	0.0049	0.02	10077	9286	0.0045
L4	609	0.35	-0.01	0.34		87	0.40	0.01	0.42														
4th Floor																							
L4	609	0.35	-0.01	0.34	0.15	87	0.40	0.01	0.42	0.17	0.17	0.16	1.06	NO	1.00	180	5.5	0.17	0.0035	0.02	10077	9286	0.0033
L3	609	0.20	-0.01	0.20		87	0.24	0.01	0.25														
3rd Floor																							
L3	609	0.20	-0.01	0.20	0.14	87	0.24	0.01	0.25	0.16	0.16	0.15	1.06	NO	1.00	204	5.5	0.16	0.0029	0.02	10077	9286	0.0027
L2	609	0.06	0.00	0.06		87	0.09	0.00	0.10														
2nd Floor																							
L2	609	0.06	0.00	0.06	0.05	87	0.09	0.00	0.10	0.08	0.08	0.06	1.22	YES	1.03	156	5.5	0.08	0.0019	0.02	10077	9286	0.0018
L1	609	0.01	0.00	0.01		87	0.02	0.00	0.02														

Hall of Justice
Check For Torsional Irregularity per CBC table 16-M Item 1 (adding torsion) Dynamic force scaled to 100% of static base shear
Displacements are based of loads before amplification
Y-direction

Level		Displacement DY {in}	TORY {in}	Total {in}	Drift {in}		Displacement DY {in}	TORY {in}	Total {in}	Drift {in}	Max Drift {in}	Avg Drift {in}	Max/ Avg	Irreg?	Amp. Factor	H {in}	R	Drift {in}	Δm	Limit	Force V {kips}	Drift V {kips}	Δm
Roof																							
RF	609	2.73	-0.13	2.59	0.38	87	3.14	0.16	3.30	0.46	0.46	0.42	1.10	NO	1.00	199	5.5	0.46	0.0090	0.02	10077	9151	0.0082
L14	609	2.33	-0.11	2.22		87	2.70	0.14	2.84														
14th floor																							
L14	609	2.33	-0.11	2.22	0.47	87	2.70	0.14	2.84	0.58	0.58	0.52	1.11	NO	1.00	228	5.5	0.58	0.0098	0.02	10077	9151	0.0089
L12	609	1.83	-0.09	1.75		87	2.15	0.11	2.26														
12th floor																							
L12	609	1.83	-0.09	1.75	0.37	87	2.15	0.11	2.26	0.46	0.46	0.41	1.11	NO	1.00	228	5.5	0.46	0.0077	0.02	10077	9151	0.0070
L10	609	1.45	-0.07	1.38		87	1.71	0.09	1.80														
10th floor																							
L10	609	1.45	-0.07	1.38	0.17	87	1.71	0.09	1.80	0.21	0.21	0.19	1.11	NO	1.00	132	5.5	0.21	0.0061	0.02	10077	9151	0.0055
L9	609	1.27	-0.06	1.21		87	1.51	0.08	1.59														
9th floor																							
L9	609	1.27	-0.06	1.21	0.19	87	1.51	0.08	1.59	0.24	0.24	0.21	1.12	NO	1.00	148	5.5	0.24	0.0062	0.02	10077	9151	0.0056
L8	609	1.07	-0.05	1.02		87	1.29	0.07	1.35														
8th floor																							
L8	609	1.07	-0.05	1.02	0.22	87	1.29	0.07	1.35	0.28	0.28	0.25	1.12	NO	1.00	187	5.5	0.28	0.0058	0.02	10077	9151	0.0053
L7	609	0.84	-0.04	0.80		87	1.02	0.05	1.07														
7th floor																							
L7	609	0.84	-0.04	0.80	0.17	87	1.02	0.05	1.07	0.21	0.21	0.19	1.11	NO	1.00	142	5.5	0.21	0.0058	0.02	10077	9151	0.0053
L6	609	0.66	-0.03	0.63		87	0.81	0.04	0.86														
6th Floor																							
L6	609	0.66	-0.03	0.63	0.16	87	0.81	0.04	0.86	0.20	0.20	0.18	1.11	NO	1.00	142	5.5	0.20	0.0056	0.02	10077	9151	0.0050
L5	609	0.49	-0.02	0.47		87	0.62	0.03	0.65														
5th Floor																							
L5	609	0.49	-0.02	0.47	0.16	87	0.62	0.03	0.65	0.20	0.20	0.18	1.11	NO	1.00	159	5.5	0.20	0.0050	0.02	10077	9151	0.0045
L4	609	0.32	-0.01	0.30		87	0.42	0.02	0.45														
4th Floor																							
L4	609	0.32	-0.01	0.30	0.13	87	0.42	0.02	0.45	0.16	0.16	0.15	1.13	NO	1.00	180	5.5	0.16	0.0035	0.02	10077	9151	0.0032
L3	609	0.18	-0.01	0.18		87	0.27	0.02	0.28														
3rd Floor																							
L3	609	0.18	-0.01	0.18	0.12	87	0.27	0.02	0.28	0.17	0.17	0.14	1.17	NO	1.00	204	5.5	0.17	0.0032	0.02	10077	9151	0.0029
L2	609	0.06	0.00	0.06		87	0.11	0.01	0.11														
2nd Floor																							
L2	609	0.06	0.00	0.06	0.05	87	0.11	0.01	0.11	0.09	0.09	0.07	1.33	YES	1.23	156	5.5	0.09	0.0022	0.02	10077	9151	0.0020
L1	609	0.01	0.00	0.01		87	0.02	0.00	0.02														

Hall of Justice
Check For Torsional Irregularity per CBC table 16-M Item 1 (adding torsion)
Displacements are based of loads before amplification

Dynamic force scaled to 100% of static base shear

X-direction

ETABS Level	Point	Displacement DX {in}	TORX {in}	Total {in}	Drift {in}	ETABS Point	Displacement DX {in}	TORX {in}	Total {in}	Drift {in}	Max Drift {in}	Avg Drift {in}	Max/ Avg	Irreg?	Amp. Factor	Drift Check T > 0.7sec H {in}	R	Drift {in}	Δm	Limit	Drift ratio scaled by DriftV/ Force V Force V {kips}	Drift V {kips}	Δm
Roof																							
RF	609	2.88	-0.09	2.97	0.43	87	3.08	0.10	2.97	0.42	0.43	0.42	1.01	NO	1.00	199	5.5	0.43	0.0082	0.02	10077	9286	0.0076
L14	609	2.47	-0.08	2.55		87	2.65	0.09	2.56														
14th floor																							
L14	609	2.47	-0.08	2.55	0.53	87	2.65	0.09	2.56	0.52	0.53	0.53	1.01	NO	1.00	228	5.5	0.53	0.0090	0.02	10077	9286	0.0083
L12	609	1.96	-0.06	2.02		87	2.10	0.07	2.03														
12th floor																							
L12	609	1.96	-0.06	2.02	0.42	87	2.10	0.07	2.03	0.41	0.42	0.42	1.00	NO	1.00	228	5.5	0.42	0.0071	0.02	10077	9286	0.0065
L10	609	1.55	-0.05	1.60		87	1.68	0.06	1.62														
10th floor																							
L10	609	1.55	-0.05	1.60	0.19	87	1.68	0.06	1.62	0.19	0.19	0.19	1.00	NO	1.00	132	5.5	0.19	0.0055	0.02	10077	9286	0.0050
L9	609	1.37	-0.04	1.41		87	1.48	0.05	1.43														
9th floor																							
L9	609	1.37	-0.04	1.41	0.21	87	1.48	0.05	1.43	0.21	0.21	0.21	1.00	NO	1.00	148	5.5	0.21	0.0055	0.02	10077	9286	0.0051
L8	609	1.17	-0.03	1.20		87	1.26	0.04	1.22														
8th floor																							
L8	609	1.17	-0.03	1.20	0.25	87	1.26	0.04	1.22	0.25	0.25	0.25	1.00	NO	1.00	187	5.5	0.25	0.0052	0.02	10077	9286	0.0048
L7	609	0.92	-0.03	0.95		87	1.00	0.03	0.97														
7th floor																							
L7	609	0.92	-0.03	0.95	0.20	87	1.00	0.03	0.97	0.20	0.20	0.20	1.00	NO	1.00	142	5.5	0.20	0.0054	0.02	10077	9286	0.0050
L6	609	0.73	-0.02	0.75		87	0.80	0.03	0.77														
6th Floor																							
L6	609	0.73	-0.02	0.75	0.19	87	0.80	0.03	0.77	0.19	0.19	0.19	1.00	NO	1.00	142	5.5	0.19	0.0052	0.02	10077	9286	0.0048
L5	609	0.54	-0.02	0.56		87	0.60	0.02	0.58														
5th Floor																							
L5	609	0.54	-0.02	0.56	0.19	87	0.60	0.02	0.58	0.19	0.19	0.19	1.00	NO	1.00	159	5.5	0.19	0.0047	0.02	10077	9286	0.0043
L4	609	0.35	-0.01	0.36		87	0.40	0.01	0.39														
4th Floor																							
L4	609	0.35	-0.01	0.36	0.15	87	0.40	0.01	0.39	0.16	0.16	0.15	1.00	NO	1.00	180	5.5	0.16	0.0033	0.02	10077	9286	0.0031
L3	609	0.20	-0.01	0.21		87	0.24	0.01	0.23														
3rd Floor																							
L3	609	0.20	-0.01	0.21	0.14	87	0.24	0.01	0.23	0.14	0.14	0.14	1.00	NO	1.00	204	5.5	0.14	0.0027	0.02	10077	9286	0.0025
L2	609	0.06	0.00	0.07		87	0.09	0.00	0.09														
2nd Floor																							
L2	609	0.06	0.00	0.07	0.05	87	0.09	0.00	0.09	0.07	0.07	0.06	1.16	NO	1.00	156	5.5	0.07	0.0018	0.02	10077	9286	0.0017
L1	609	0.01	0.00	0.01		87	0.02	0.00	0.02														

Hall of Justice
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Y-direction

Dynamic force scaled to 100% of static base shear

Level		Displacement DY {in}	TORY {in}	Total {in}	Drift {in}		Displacement DY {in}	TORY {in}	Total {in}	Drift {in}	Max Drift {in}	Avg Drift {in}	Max/ Avg	Irreg?	Amp. Factor	H {in}	R	Drift {in}	Δm	Limit	Force V {kips}	Drift V {kips}	Δm
Roof																							
RF	609	2.73	-0.13	2.86	0.42	87	3.14	0.16	2.98	0.42	0.42	0.42	1.00	NO	1.00	199	5.5	0.42	0.0081	0.02	10077	9151	0.0074
L14	609	2.33	-0.11	2.44		87	2.70	0.14	2.56														
14th floor																							
L14	609	2.33	-0.11	2.44	0.52	87	2.70	0.14	2.56	0.52	0.52	0.52	1.00	NO	1.00	228	5.5	0.52	0.0088	0.02	10077	9151	0.0080
L12	609	1.83	-0.09	1.92		87	2.15	0.11	2.04														
12th floor																							
L12	609	1.83	-0.09	1.92	0.41	87	2.15	0.11	2.04	0.41	0.41	0.41	1.01	NO	1.00	228	5.5	0.41	0.0070	0.02	10077	9151	0.0063
L10	609	1.45	-0.07	1.51		87	1.71	0.09	1.62														
10th floor																							
L10	609	1.45	-0.07	1.51	0.18	87	1.71	0.09	1.62	0.19	0.19	0.19	1.02	NO	1.00	132	5.5	0.19	0.0055	0.02	10077	9151	0.0050
L9	609	1.27	-0.06	1.33		87	1.51	0.08	1.43														
9th floor																							
L9	609	1.27	-0.06	1.33	0.21	87	1.51	0.08	1.43	0.22	0.22	0.21	1.02	NO	1.00	148	5.5	0.22	0.0056	0.02	10077	9151	0.0051
L8	609	1.07	-0.05	1.12		87	1.29	0.07	1.22														
8th floor																							
L8	609	1.07	-0.05	1.12	0.24	87	1.29	0.07	1.22	0.26	0.26	0.25	1.03	NO	1.00	187	5.5	0.26	0.0053	0.02	10077	9151	0.0048
L7	609	0.84	-0.04	0.88		87	1.02	0.05	0.96														
7th floor																							
L7	609	0.84	-0.04	0.88	0.19	87	1.02	0.05	0.96	0.19	0.19	0.19	1.01	NO	1.00	142	5.5	0.19	0.0052	0.02	10077	9151	0.0048
L6	609	0.66	-0.03	0.69		87	0.81	0.04	0.77														
6th Floor																							
L6	609	0.66	-0.03	0.69	0.18	87	0.81	0.04	0.77	0.19	0.19	0.18	1.01	NO	1.00	142	5.5	0.19	0.0050	0.02	10077	9151	0.0046
L5	609	0.49	-0.02	0.51		87	0.62	0.03	0.58														
5th Floor																							
L5	609	0.49	-0.02	0.51	0.18	87	0.62	0.03	0.58	0.18	0.18	0.18	1.01	NO	1.00	159	5.5	0.18	0.0045	0.02	10077	9151	0.0041
L4	609	0.32	-0.01	0.33		87	0.42	0.02	0.40														
4th Floor																							
L4	609	0.32	-0.01	0.33	0.14	87	0.42	0.02	0.40	0.15	0.15	0.14	1.03	NO	1.00	180	5.5	0.15	0.0032	0.02	10077	9151	0.0029
L3	609	0.18	-0.01	0.19		87	0.27	0.02	0.25														
3rd Floor																							
L3	609	0.18	-0.01	0.19	0.13	87	0.27	0.02	0.25	0.15	0.15	0.14	1.07	NO	1.00	204	5.5	0.15	0.0028	0.02	10077	9151	0.0026
L2	609	0.06	0.00	0.06		87	0.11	0.01	0.10														
2nd Floor																							
L2	609	0.06	0.00	0.06	0.05	87	0.11	0.01	0.10	0.08	0.08	0.06	1.25	YES	1.09	156	5.5	0.08	0.0020	0.02	10077	9151	0.0018
L1	609	0.01	0.00	0.01		87	0.02	0.00	0.02														

F: Lateral Analysis ETABS Files

F.1 Input File

STORY DATA

STORY	SIMILAR TO	HEIGHT	ELEVATION
RF	None	199.000	2189.000
L14	None	114.000	1990.000
L13	None	114.000	1876.000
L12	None	114.000	1762.000
L11	None	114.000	1648.000
L10	None	133.000	1534.000
L9	None	148.000	1401.000
L8	None	187.000	1254.000
L7	None	142.000	1067.000
L6	None	143.000	925.000
L5	None	159.000	783.000
L4	None	180.000	624.000
L3	None	204.000	444.000
L2	None	156.000	240.000
L1	None	84.000	84.000
BASE	None		0.000

COORDINATE SYSTEM LOCATION DATA

NAME	TYPE	X	Y	ROTATION	BUBBLESIZE	VISIBLE
GLOBAL	Cartesian	0.000	0.000	0.00000	100.000	Yes

COORDINATE SYSTEM GRID DATA

SYSTEM NAME	GRID DIR	GRID ID	GRID TYPE	GRID HIDE	BUBBLE LOC	GRID COORDINATE
GLOBAL	X	A	Primary	No	Bottom	0.000
GLOBAL	X	A.1	Primary	No	Top	17.000
GLOBAL	X	B	Primary	No	Top	232.000
GLOBAL	X	C	Primary	No	Top	430.000
GLOBAL	X	D	Primary	No	Top	559.000
GLOBAL	X	E	Primary	No	Top	691.000
GLOBAL	X	E.5	Primary	No	Top	823.000
GLOBAL	X	F	Primary	No	Top	955.000
GLOBAL	X	G	Primary	No	Top	1087.000
GLOBAL	X	H	Primary	No	Top	1219.000
GLOBAL	X	H.5	Primary	No	Top	1351.000
GLOBAL	X	I	Primary	No	Top	1483.000
GLOBAL	X	J	Primary	No	Top	1615.000
GLOBAL	X	K	Primary	No	Top	1747.000
GLOBAL	X	K.6	Primary	No	Top	1879.000
GLOBAL	X	L	Primary	No	Top	2011.000
GLOBAL	X	M	Primary	No	Top	2143.000
GLOBAL	X	N	Primary	No	Top	2272.000
GLOBAL	X	O	Primary	No	Top	2470.000
GLOBAL	X	O.9	Primary	No	Top	2685.000
GLOBAL	X	P	Primary	No	Bottom	2702.000
GLOBAL	Y	12	Primary	No	Left	0.000
GLOBAL	Y	11.9	Primary	No	Right	17.000
GLOBAL	Y	11	Primary	No	Right	232.000
GLOBAL	Y	10	Primary	No	Right	430.000
GLOBAL	Y	9	Primary	No	Right	559.000
GLOBAL	Y	8	Primary	No	Right	691.000
GLOBAL	Y	7.5	Primary	No	Right	823.000
GLOBAL	Y	7	Primary	No	Right	955.000
GLOBAL	Y	6.5	Primary	No	Right	1087.000
GLOBAL	Y	6	Primary	No	Right	1219.000
GLOBAL	Y	5.5	Primary	No	Right	1351.000
GLOBAL	Y	5	Primary	No	Right	1483.000
GLOBAL	Y	4	Primary	No	Right	1615.000
GLOBAL	Y	3	Primary	No	Right	1744.000
GLOBAL	Y	2	Primary	No	Right	1943.000
GLOBAL	Y	1.1	Primary	No	Right	2157.000
GLOBAL	Y	1	Primary	No	Left	2174.000

MATERIAL PROPERTY DATA

MATERIAL NAME	MATERIAL TYPE	DESIGN TYPE	MATERIAL DIR/PLANE	MODULUS OF ELASTICITY	POISSON'S RATIO	THERMAL COEFF	SHEAR MODULUS
STEEL	Iso	Steel	All	29000.000	0.3000	6.5000E-06	11153.846
BSMTCONC	Iso	Concrete	All	3122.000	0.2000	5.5000E-06	1300.833
MASONRY	Iso	None	All	1.000	0.2000	6.5000E-06	0.417
SLAB	Iso	Concrete	All	3122.000	0.2000	6.5000E-06	1300.833
NCONC6	Iso	Concrete	All	4415.000	0.2000	6.5000E-06	1839.583
ECONC	Iso	Concrete	All	1.000	0.2000	5.5000E-06	0.417
NBASE	Iso	Concrete	All	4415.000	0.2000	6.5000E-06	1839.583
NCONC8	Iso	Concrete	All	5098.000	0.2000	6.5000E-06	2124.167

MATERIAL PROPERTY MASS AND WEIGHT

MATERIAL NAME	MASS PER UNIT VOL	WEIGHT PER UNIT VOL
STEEL	0.0000E+00	0.0000E+00
BSMTCONC	0.0000E+00	0.0000E+00
MASONRY	0.0000E+00	0.0000E+00
SLAB	0.0000E+00	0.0000E+00
NCONC6	2.3420E-07	8.6810E-05
ECONC	0.0000E+00	0.0000E+00
NBASE	0.0000E+00	0.0000E+00
NCONC8	2.3420E-07	8.6810E-05

MATERIAL DESIGN DATA FOR STEEL MATERIALS

MATERIAL NAME	STEEL FY	STEEL FU	STEEL COST ($)
STEEL	36.000	58.000	1.00

MATERIAL DESIGN DATA FOR CONCRETE MATERIALS

MATERIAL NAME	LIGHTWEIGHT CONCRETE	CONCRETE FC	REBAR FY	REBAR FYS	LIGHTWT REDUC FACT
BSMTCONC	No	3.000	40.000	40.000	N/A
SLAB	No	3.000	60.000	60.000	N/A
NCONC6	No	6.000	60.000	60.000	N/A
ECONC	No	3.000	40.000	40.000	N/A
NBASE	No	6.000	60.000	60.000	N/A
NCONC8	No	8.000	60.000	60.000	N/A

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	MATERIAL NAME	SECTION SHAPE NAME OR NAME IN SECTION DATABASE FILE	CONC COL	CONC BEAM
W10X12	STEEL	W10X12		

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION DEPTH	FLANGE WIDTH TOP	FLANGE THICK TOP	WEB THICK	FLANGE WIDTH BOT	FLANGE THICK BOT
W10X12	9.8700	3.9600	0.2100	0.1900	3.9600	0.2100

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION AREA	TORSIONAL CONSTANT	MOMENTS OF INERTIA I33	MOMENTS OF INERTIA I22	SHEAR AREAS A2	SHEAR AREAS A3
W10X12	3.5400	0.0547	53.8000	2.1800	1.8753	1.3860

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION MODULI S33	SECTION MODULI S22	PLASTIC MODULI Z33	PLASTIC MODULI Z22	RADIUS OF GYRATION R33	RADIUS OF GYRATION R22
W10X12	10.9017	1.1010	12.6000	1.7400	3.8984	0.7847

FRAME SECTION WEIGHTS AND MASSES

FRAME SECTION NAME	TOTAL WEIGHT	TOTAL MASS
W10X12	0.0000	0.0000

SHELL SECTION PROPERTY DATA

SHELL SECTION	MATERIAL NAME	SHELL TYPE	LOAD DIST ONE WAY	MEMBRANE THICK	BENDING THICK	TOTAL WEIGHT	TOTAL MASS
E8	CONC	Shell-Thin	No	8.0000	8.0000	0.0000	0.0000
M8	MASONRY	Shell-Thin	No	8.0000	8.0000	0.0000	0.0000
E36	BSMTCONC	Shell-Thin	No	36.0000	4.0000	0.0000	0.0000
N35	NCONC8	Shell-Thin	No	35.0000	4.0000	574.8128	1.4840
N18	NCONC6	Shell-Thin	No	18.0000	4.0000	4603.8779	11.8903
SLAB	SLAB	Shell-Thin	No	4.0000	4.0000	0.0000	0.0000
N30	NCONC6	Shell-Thin	No	30.0000	4.0000	8155.4103	21.0631
N14	NCONC8	Shell-Thin	No	14.0000	4.0000	667.8731	1.7249
N28	NCONC8	Shell-Thin	No	28.0000	4.0000	249.8350	0.6452
N18E36	NSASE	Shell-Thin	No	26.0000	4.0000	0.0000	0.0000
N21	NCONC8	Shell-Thin	No	21.0000	4.0000	503.5091	1.2978
N18FC8	NCONC8	Shell-Thin	No	18.0000	4.0000	549.5781	1.4194

SECTION DESIGNER SECTION PROPERTY DATA

****
SECTION NAME: 1P5L3
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6			31

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	Yes	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	64.0000	18.0000	0.0000
Shape 1	2	0.0000	18.0000	0.0000
Shape 1	3	0.0000	0.0000	0.0000
Shape 1	4	64.0000	0.0000	0.0000

LINE PATTERN BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	END BARS	BAR SPACING
Shape 4	NCONC6	#10	No	6.0000
Shape 27	NCONC6	#10	No	6.0000
Shape 30	NCONC6	#10	No	6.0000
Shape 31	NCONC6	#10	No	6.0000

SHAPE ID	X1	Y1	X2	Y2
Shape 4	3.0000	15.0000	3.0000	3.0000
Shape 27	61.0000	15.0000	61.0000	3.0000
Shape 30	28.0000	15.0000	28.0000	3.0000
Shape 31	36.0000	15.0000	36.0000	3.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	3.0000
Shape 3	NCONC6	#10	3.0000	15.0000
Shape 5	NCONC6	#10	8.0000	3.0000
Shape 6	NCONC6	#10	13.0000	3.0000
Shape 7	NCONC6	#10	18.0000	3.0000
Shape 8	NCONC6	#10	23.0000	3.0000
Shape 9	BSMTCONC	#10	28.0000	3.0000
Shape 10	NCONC6	#10	8.0000	15.0000
Shape 11	NCONC6	#10	13.0000	15.0000
Shape 12	NCONC6	#10	18.0000	15.0000
Shape 13	NCONC6	#10	23.0000	15.0000
Shape 14	BSMTCONC	#10	28.0000	15.0000
Shape 15	NCONC6	#10	36.0000	3.0000
Shape 16	NCONC6	#10	41.0000	3.0000
Shape 17	NCONC6	#10	46.0000	3.0000
Shape 18	NCONC6	#10	51.0000	3.0000
Shape 19	NCONC6	#10	56.0000	3.0000
Shape 20	NCONC6	#10	61.0000	3.0000
Shape 21	NCONC6	#10	61.0000	15.0000
Shape 22	NCONC6	#10	56.0000	15.0000
Shape 23	NCONC6	#10	51.0000	15.0000
Shape 24	NCONC6	#10	46.0000	15.0000
Shape 25	NCONC6	#10	41.0000	15.0000
Shape 26	NCONC6	#10	36.0000	15.0000
Shape 28	NCONC6	#10	28.0000	15.0000
Shape 29	NCONC6	#10	28.0000	3.0000

SECTION DESIGNER SECTION PROPERTY DATA

****
SECTION NAME: 1P4L3
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6			25

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	No	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	62.0000	18.0000	0.0000
Shape 1	2	0.0000	18.0000	0.0000
Shape 1	3	0.0000	0.0000	0.0000
Shape 1	4	62.0000	0.0000	0.0000

LINE PATTERN BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	END BARS	BAR SPACING
Shape 22	NCONC6	#10	No	6.0000
Shape 23	NCONC6	#10	No	6.0000
Shape 24	NCONC6	#10	No	6.0000
Shape 25	NCONC6	#10	No	6.0000

SHAPE ID	X1	Y1	X2	Y2
Shape 22	3.0000	15.0000	3.0000	3.0000
Shape 23	59.0000	15.0000	59.0000	3.0000
Shape 24	23.0000	15.0000	23.0000	3.0000
Shape 25	39.0000	15.0000	39.0000	3.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	3.0000
Shape 3	NCONC6	#10	8.0000	3.0000
Shape 4	NCONC6	#10	13.0000	3.0000
Shape 5	NCONC6	#10	18.0000	3.0000
Shape 6	NCONC6	#10	23.0000	3.0000
Shape 7	NCONC6	#10	39.0000	3.0000
Shape 8	NCONC6	#10	44.0000	3.0000
Shape 9	NCONC6	#10	49.0000	3.0000
Shape 10	NCONC6	#10	54.0000	3.0000
Shape 11	NCONC6	#10	59.0000	3.0000
Shape 12	NCONC6	#10	3.0000	15.0000
Shape 13	NCONC6	#10	8.0000	15.0000
Shape 14	NCONC6	#10	13.0000	15.0000
Shape 15	NCONC6	#10	18.0000	15.0000
Shape 16	NCONC6	#10	23.0000	15.0000
Shape 17	NCONC6	#10	39.0000	15.0000
Shape 18	NCONC6	#10	44.0000	15.0000
Shape 19	NCONC6	#10	49.0000	15.0000
Shape 20	NCONC6	#10	54.0000	15.0000
Shape 21	NCONC6	#10	59.0000	15.0000

****
SECTION NAME: 1P3L3
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6			25

SECTION DESIGNER SECTION PROPERTY DATA

SECTION NAME: 1P3L3, continued

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	No	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	60.0000	18.0000	0.0000
Shape 1	2	0.0000	18.0000	0.0000
Shape 1	3	0.0000	0.0000	0.0000
Shape 1	4	60.0000	0.0000	0.0000

LINE PATTERN BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	END BARS	BAR SPACING
Shape 22	NCONC6	#10	No	6.0000
Shape 23	NCONC6	#10	No	6.0000
Shape 24	NCONC6	#10	No	6.0000
Shape 25	NCONC6	#10	No	6.0000

SHAPE ID	X1	Y1	X2	Y2
Shape 22	3.0000	15.0000	3.0000	3.0000
Shape 23	33.0000	15.0000	33.0000	3.0000
Shape 24	37.0000	15.0000	37.0000	3.0000
Shape 25	57.0000	15.0000	57.0000	3.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	3.0000
Shape 3	NCONC6	#10	8.0000	3.0000
Shape 4	NCONC6	#10	13.0000	3.0000
Shape 5	NCONC6	#10	18.0000	3.0000
Shape 6	NCONC6	#10	23.0000	3.0000
Shape 7	NCONC6	#10	3.0000	15.0000
Shape 8	NCONC6	#10	8.0000	15.0000
Shape 9	NCONC6	#10	13.0000	15.0000
Shape 10	NCONC6	#10	18.0000	15.0000
Shape 11	NCONC6	#10	33.0000	15.0000
Shape 12	NCONC6	#10	37.0000	3.0000
Shape 13	NCONC6	#10	42.0000	3.0000
Shape 14	NCONC6	#10	47.0000	3.0000
Shape 15	NCONC6	#10	52.0000	3.0000
Shape 16	NCONC6	#10	57.0000	3.0000
Shape 17	NCONC6	#10	57.0000	15.0000
Shape 18	NCONC6	#10	52.0000	15.0000
Shape 19	NCONC6	#10	47.0000	15.0000
Shape 20	NCONC6	#10	42.0000	15.0000
Shape 21	NCONC6	#10	37.0000	15.0000

****
SECTION NAME: 1P2L12
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6			44

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	No	4

S E C T I O N D E S I G N E R S E C T I O N P R O P E R T Y D A T A

SECTION NAME: 1P2L12, continued

POLYGON SHAPE DATA

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	0.0000	0.0000	0.0000
Shape 1	2	111.0000	0.0000	0.0000
Shape 1	3	111.0000	18.0000	0.0000
Shape 1	4	0.0000	18.0000	0.0000

LINE PATTERN BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	END BARS	BAR SPACING
Shape 16	BSMTCONC	#10	Yes	12.0000
Shape 17	BSMTCONC	#10	Yes	12.0000
Shape 18	BSMTCONC	#10	Yes	12.0000

SHAPE ID	X1	Y1	X2	Y2
Shape 16	3.0000	15.0000	3.0000	3.0000
Shape 17	3.0000	3.0000	3.0000	15.0000
Shape 18	3.0000	3.0000	3.0000	15.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	15.0000
Shape 3	NCONC6	#10	8.0000	15.0000
Shape 4	NCONC6	#10	3.0000	3.0000
Shape 5	NCONC6	#10	8.0000	3.0000
Shape 6	NCONC6	#10	13.0000	3.0000
Shape 7	NCONC6	#10	13.0000	15.0000
Shape 8	NCONC6	#10	18.0000	15.0000
Shape 9	NCONC6	#10	18.0000	3.0000
Shape 10	NCONC6	#10	23.0000	3.0000
Shape 11	NCONC6	#10	23.0000	15.0000
Shape 12	NCONC6	#10	28.0000	3.0000
Shape 13	NCONC6	#10	28.0000	15.0000
Shape 14	NCONC6	#10	33.0000	3.0000
Shape 15	NCONC6	#10	33.0000	15.0000
Shape 19	NCONC6	#10	3.0000	9.0000
Shape 20	NCONC6	#10	38.0000	3.0000
Shape 21	NCONC6	#10	38.0000	15.0000
Shape 22	NCONC6	#10	43.0000	3.0000
Shape 23	NCONC6	#10	43.0000	15.0000
Shape 24	NCONC6	#10	43.0000	9.0000
Shape 25	NCONC6	#10	108.0000	3.0000
Shape 26	NCONC6	#10	108.0000	15.0000
Shape 27	NCONC6	#10	103.0000	15.0000
Shape 28	NCONC6	#10	98.0000	15.0000
Shape 29	NCONC6	#10	93.0000	15.0000
Shape 30	NCONC6	#10	88.0000	15.0000
Shape 31	NCONC6	#10	83.0000	15.0000
Shape 32	NCONC6	#10	78.0000	15.0000
Shape 33	NCONC6	#10	73.0000	15.0000
Shape 34	NCONC6	#10	68.0000	15.0000
Shape 35	NCONC6	#10	108.0000	9.0000
Shape 36	NCONC6	#10	68.0000	9.0000
Shape 37	NCONC6	#10	68.0000	3.0000
Shape 38	NCONC6	#10	73.0000	3.0000
Shape 39	NCONC6	#10	78.0000	3.0000
Shape 40	NCONC6	#10	83.0000	3.0000
Shape 41	NCONC6	#10	88.0000	3.0000
Shape 42	NCONC6	#10	93.0000	3.0000
Shape 43	NCONC6	#10	98.0000	3.0000
Shape 44	NCONC6	#10	103.0000	3.0000

S E C T I O N D E S I G N E R S E C T I O N P R O P E R T Y D A T A

****
SECTION NAME: PP3L10
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6	17		

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	Yes	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	38.0000	18.0000	0.0000
Shape 1	2	0.0000	18.0000	0.0000
Shape 1	3	0.0000	0.0000	0.0000
Shape 1	4	38.0000	0.0000	0.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	3.0000
Shape 3	NCONC6	#10	3.0000	15.0000
Shape 4	NCONC6	#10	3.0000	9.0000
Shape 5	NCONC6	#10	8.0000	15.0000
Shape 6	NCONC6	#10	13.0000	15.0000
Shape 7	NCONC6	#10	13.0000	9.0000
Shape 8	NCONC6	#10	13.0000	3.0000
Shape 9	NCONC6	#10	8.0000	3.0000
Shape 10	NCONC6	#10	25.0000	3.0000
Shape 11	NCONC6	#10	30.0000	3.0000
Shape 12	NCONC6	#10	25.0000	3.0000
Shape 13	NCONC6	#10	25.0000	9.0000
Shape 14	NCONC6	#10	35.0000	9.0000
Shape 15	NCONC6	#10	35.0000	15.0000
Shape 16	NCONC6	#10	25.0000	15.0000
Shape 17	NCONC6	#10	30.0000	15.0000

****
SECTION NAME: PP4L10
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6	21		

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	Yes	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	0.0000	0.0000	0.0000
Shape 1	2	41.0000	0.0000	0.0000
Shape 1	3	41.0000	18.0000	0.0000
Shape 1	4	0.0000	18.0000	0.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	3.0000
Shape 3	NCONC6	#10	3.0000	9.0000
Shape 4	NCONC6	#10	3.0000	15.0000

S E C T I O N D E S I G N E R S E C T I O N P R O P E R T Y D A T A

SECTION NAME: PP4L10

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 5	NCONC6	#10	8.0000	15.0000
Shape 6	NCONC6	#10	13.0000	15.0000
Shape 7	NCONC6	#11	18.0000	15.0000
Shape 8	NCONC6	#10	18.0000	9.0000
Shape 9	NCONC6	#10	18.0000	3.0000
Shape 10	NCONC6	#10	8.0000	3.0000
Shape 11	NCONC6	#10	13.0000	3.0000
Shape 12	NCONC6	#10	28.0000	15.0000
Shape 13	NCONC6	#10	33.0000	15.0000
Shape 14	NCONC6	#10	28.0000	15.0000
Shape 15	NCONC6	#10	23.0000	15.0000
Shape 16	NCONC6	#10	23.0000	9.0000
Shape 17	NCONC6	#10	33.0000	3.0000
Shape 18	NCONC6	#10	28.0000	3.0000
Shape 19	NCONC6	#10	33.0000	3.0000
Shape 20	NCONC6	#10	38.0000	3.0000
Shape 21	NCONC6	#10	38.0000	9.0000

****
SECTION NAME: ASP2L3
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6	21		

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	Yes	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	51.0000	18.0000	0.0000
Shape 1	2	0.0000	18.0000	0.0000
Shape 1	3	0.0000	0.0000	0.0000
Shape 1	4	51.0000	0.0000	0.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	3.0000
Shape 3	NCONC6	#10	8.0000	3.0000
Shape 4	NCONC6	#10	13.0000	3.0000
Shape 5	NCONC6	#10	18.0000	3.0000
Shape 6	NCONC6	#10	3.0000	9.0000
Shape 7	NCONC6	#10	3.0000	15.0000
Shape 8	NCONC6	#10	8.0000	15.0000
Shape 9	NCONC6	#10	18.0000	15.0000
Shape 10	NCONC6	#10	13.0000	15.0000
Shape 11	NCONC6	#10	48.0000	3.0000
Shape 12	NCONC6	#10	43.0000	3.0000
Shape 13	NCONC6	#10	38.0000	3.0000
Shape 14	NCONC6	#10	33.0000	3.0000
Shape 15	NCONC6	#10	33.0000	15.0000
Shape 16	NCONC6	#10	38.0000	15.0000
Shape 17	NCONC6	#10	43.0000	15.0000
Shape 18	NCONC6	#10	48.0000	15.0000
Shape 19	NCONC6	#10	48.0000	9.0000
Shape 20	NCONC6	#10	18.0000	9.0000
Shape 21	NCONC6	#10	33.0000	9.0000

S E C T I O N D E S I G N E R S E C T I O N P R O P E R T Y D A T A

****
SECTION NAME: PP3L3
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6	25		

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	Yes	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	0.0000	0.0000	0.0000
Shape 1	2	54.0000	0.0000	0.0000
Shape 1	3	54.0000	18.0000	0.0000
Shape 1	4	0.0000	18.0000	0.0000

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#10	3.0000	3.0000
Shape 3	NCONC6	#10	8.0000	3.0000
Shape 4	NCONC6	#10	13.0000	3.0000
Shape 5	NCONC6	#10	18.0000	3.0000
Shape 6	NCONC6	#10	23.0000	3.0000
Shape 7	NCONC6	#10	23.0000	9.0000
Shape 8	NCONC6	#10	3.0000	9.0000
Shape 9	NCONC6	#10	3.0000	15.0000
Shape 10	NCONC6	#10	8.0000	15.0000
Shape 11	NCONC6	#10	13.0000	15.0000
Shape 12	NCONC6	#10	18.0000	15.0000
Shape 13	NCONC6	#10	23.0000	15.0000
Shape 14	NCONC6	#10	51.0000	3.0000
Shape 15	NCONC6	#10	46.0000	3.0000
Shape 16	NCONC6	#10	41.0000	3.0000
Shape 17	NCONC6	#10	36.0000	3.0000
Shape 18	NCONC6	#10	31.0000	3.0000
Shape 19	NCONC6	#10	31.0000	9.0000
Shape 20	NCONC6	#10	51.0000	9.0000
Shape 21	NCONC6	#10	51.0000	15.0000
Shape 22	NCONC6	#10	31.0000	15.0000
Shape 23	NCONC6	#10	36.0000	15.0000
Shape 24	NCONC6	#10	41.0000	15.0000
Shape 25	NCONC6	#10	46.0000	15.0000

****
SECTION NAME: PP5L3
****

BASIC SECTION DATA

SECTION TYPE	DESIGN TYPE	DESIGN OR CHECK	BASE MATERIAL	NUMBER SHAPES
Check	NCONC6	25		

POLYGON SHAPE DATA

SHAPE ID	MATERIAL	REINF	NUM POINTS
Shape 1	NCONC6	Yes	4

SHAPE ID	CORNER	X	Y	RADIUS
Shape 1	1	0.0000	0.0000	0.0000
Shape 1	2	54.0000	0.0000	0.0000
Shape 1	3	54.0000	18.0000	0.0000
Shape 1	4	0.0000	18.0000	0.0000

S E C T I O N D E S I G N E R S E C T I O N P R O P E R T Y D A T A

SECTION NAME: PP5L2, continued

SINGLE BAR SHAPE DATA

SHAPE ID	MATERIAL	BAR SIZE	X CENTER	Y CENTER
Shape 2	NCONC6	#11	3.0000	3.0000
Shape 3	NCONC6	#11	8.0000	3.0000
Shape 4	NCONC6	#11	13.0000	3.0000
Shape 5	NCONC6	#11	18.0000	3.0000
Shape 6	NCONC6	#11	23.0000	3.0000
Shape 7	NCONC6	#11	23.0000	9.0000
Shape 8	NCONC6	#11	3.0000	9.0000
Shape 9	NCONC6	#11	3.0000	15.0000
Shape 10	NCONC6	#11	8.0000	15.0000
Shape 11	NCONC6	#11	13.0000	15.0000
Shape 12	NCONC6	#11	18.0000	15.0000
Shape 13	NCONC6	#11	23.0000	15.0000
Shape 14	NCONC6	#11	51.0000	3.0000
Shape 15	NCONC6	#11	46.0000	3.0000
Shape 16	NCONC6	#11	41.0000	3.0000
Shape 17	NCONC6	#11	36.0000	3.0000
Shape 18	NCONC6	#11	31.0000	3.0000
Shape 19	NCONC6	#11	31.0000	9.0000
Shape 20	NCONC6	#11	51.0000	9.0000
Shape 21	NCONC6	#11	51.0000	15.0000
Shape 22	NCONC6	#11	31.0000	15.0000
Shape 23	NCONC6	#11	36.0000	15.0000
Shape 24	NCONC6	#11	41.0000	15.0000
Shape 25	NCONC6	#11	46.0000	15.0000

P I E R S E C T I O N P R O P E R T Y D A T A

PIER LABEL	STORY LEVEL	MATERIAL NAME	ANGLE	NUM OBJS AREA/LINE	WIDTH BOTTOM	THICK BOTTOM	WIDTH TOP	THICK TOP
1.1	RF	NCONC8	0.00	1/0	107.000	14.0000	107.000	14.0000
1.2	RF	NCONC8	0.00	2/0	111.000	14.0000	111.000	14.0000
1.11	RF	NCONC8	0.00	1/0	106.000	14.0000	106.000	14.0000
12.1	RF	NCONC8	0.00	1/0	107.000	14.0000	107.000	14.0000
12.2	RF	NCONC8	0.00	2/0	111.000	14.0000	111.000	14.0000
A-1	RF	NCONC8	90.00	1/0	107.000	14.0000	107.000	14.0000
A-2	RF	NCONC8	90.00	2/0	111.000	14.0000	111.000	14.0000
P-1	RF	NCONC8	90.00	1/0	107.000	14.0000	107.000	14.0000
P-2	RF	NCONC8	90.00	2/0	111.000	14.0000	111.000	14.0000
1.9	RF	NCONC8	0.00	2/0	112.000	14.0000	112.000	14.0000
12.9	RF	NCONC8	0.00	2/0	112.000	14.0000	112.000	14.0000
A-9	RF	NCONC8	90.00	2/0	112.000	14.0000	112.000	14.0000
A-10	RF	NCONC8	90.00	1/0	106.000	14.0000	106.000	14.0000
P-9	RF	NCONC8	90.00	2/0	112.000	14.0000	112.000	14.0000
P-10	RF	NCONC8	90.00	1/0	106.000	14.0000	106.000	14.0000
12.11	RF	NCONC8	0.00	1/0	106.000	14.0000	106.000	14.0000
1.1	L14	NCONC8	0.00	1/0	107.000	14.0000	107.000	14.0000
1.2	L14	NCONC8	0.00	2/0	111.000	14.0000	111.000	14.0000
1.11	L14	NCONC8	0.00	1/0	106.000	14.0000	106.000	14.0000
12.1	L14	NCONC8	0.00	1/0	107.000	14.0000	107.000	14.0000
12.2	L14	NCONC8	0.00	2/0	111.000	14.0000	111.000	14.0000
A-1	L14	NCONC8	90.00	1/0	107.000	14.0000	107.000	14.0000
A-2	L14	NCONC8	90.00	2/0	111.000	14.0000	111.000	14.0000
P-1	L14	NCONC8	90.00	1/0	107.000	14.0000	107.000	14.0000
P-2	L14	NCONC8	90.00	2/0	111.000	14.0000	111.000	14.0000
1.9	L14	NCONC8	0.00	2/0	112.000	14.0000	112.000	14.0000
12.9	L14	NCONC8	0.00	2/0	112.000	14.0000	112.000	14.0000
A-9	L14	NCONC8	90.00	2/0	112.000	14.0000	112.000	14.0000
A-10	L14	NCONC8	90.00	1/0	106.000	14.0000	106.000	14.0000
P-9	L14	NCONC8	90.00	2/0	112.000	14.0000	112.000	14.0000
P-10	L14	NCONC8	90.00	1/0	106.000	14.0000	106.000	14.0000
12.11	L14	NCONC8	0.00	1/0	106.000	14.0000	106.000	14.0000
1.1	L13	NCONC8	0.00	1/0	107.000	14.0000	107.000	14.0000
1.2	L13	NCONC8	0.00	2/0	111.000	14.0000	111.000	14.0000
1.11	L13	NCONC8	0.00	1/0	106.000	14.0000	106.000	14.0000
12.1	L13	NCONC8	0.00	1/0	107.000	14.0000	107.000	14.0000
12.2	L13	NCONC8	0.00	2/0	111.000	14.0000	111.000	14.0000
A-1	L13	NCONC8	90.00	1/0	107.000	14.0000	107.000	14.0000
A-2	L13	NCONC8	90.00	2/0	111.000	14.0000	111.000	14.0000
P-1	L13	NCONC8	90.00	1/0	107.000	14.0000	107.000	14.0000
P-2	L13	NCONC8	90.00	2/0	111.000	14.0000	111.000	14.0000

1.9	L13	NCONC8	0.00	2/0	112.000	14.0000	112.000	14.0000
12.9	L13	NCONC8	0.00	2/0	112.000	14.0000	112.000	14.0000
A-9	L13	NCONC8	90.00	2/0	112.000	14.0000	112.000	14.0000
A-10	L13	NCONC8	90.00	1/0	106.000	14.0000	106.000	14.0000
P-9	L13	NCONC8	90.00	2/0	112.000	14.0000	112.000	14.0000
P-10	L13	NCONC8	90.00	1/0	106.000	14.0000	106.000	14.0000
12.11	L13	NCONC8	0.00	1/0	106.000	14.0000	106.000	14.0000
1.1	L12	NCONC8	0.00	2/0	107.000	18.0000	107.000	18.0000
1.2	L12	NCONC8	0.00	4/0	111.000	18.0000	111.000	18.0000
1.11	L12	NCONC8	0.00	2/0	106.000	18.0000	106.000	18.0000
12.1	L12	NCONC8	0.00	2/0	107.000	18.0000	107.000	18.0000
12.2	L12	NCONC8	0.00	4/0	111.000	18.0000	111.000	18.0000
A-1	L12	NCONC8	90.00	2/0	107.000	18.0000	107.000	18.0000
A-2	L12	NCONC8	90.00	4/0	111.000	18.0000	111.000	18.0000
P-1	L12	NCONC8	90.00	2/0	107.000	18.0000	107.000	18.0000
P-2	L12	NCONC8	90.00	4/0	111.000	18.0000	111.000	18.0000
1.9	L12	NCONC8	0.00	4/0	112.000	18.0000	112.000	18.0000
12.9	L12	NCONC8	0.00	4/0	112.000	18.0000	112.000	18.0000
A-9	L12	NCONC8	90.00	4/0	112.000	18.0000	112.000	18.0000
A-10	L12	NCONC8	90.00	2/0	106.000	18.0000	106.000	18.0000
P-9	L12	NCONC8	90.00	4/0	112.000	18.0000	112.000	18.0000
P-10	L12	NCONC8	90.00	2/0	106.000	18.0000	106.000	18.0000
12.11	L12	NCONC8	0.00	2/0	106.000	18.0000	106.000	18.0000
1.1	L11	NCONC8	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L11	NCONC8	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L11	NCONC8	0.00	2/0	60.000	18.0000	60.000	18.0000
1.4	L11	NCONC8	0.00	2/0	62.000	18.0000	62.000	18.0000
1.5	L11	NCONC8	0.00	2/0	64.000	18.0000	64.000	18.0000
1.11	L11	NCONC8	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L11	NCONC8	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L11	NCONC8	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L11	NCONC8	0.00	2/0	60.000	18.0000	60.000	18.0000
12.4	L11	NCONC8	0.00	2/0	62.000	18.0000	62.000	18.0000
12.5	L11	NCONC8	0.00	2/0	64.000	18.0000	64.000	18.0000
A-1	L11	NCONC8	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L11	NCONC8	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L11	NCONC8	90.00	2/0	60.000	18.0000	60.000	18.0000
A-4	L11	NCONC8	90.00	2/0	62.000	18.0000	62.000	18.0000
P-1	L11	NCONC8	90.00	1/0	107.000	18.0000	107.000	18.0000

P I E R S E C T I O N P R O P E R T Y D A T A

PIER LABEL	STORY LEVEL	MATERIAL NAME	ANGLE	NUM OBJS AREA/LINE	WIDTH BOTTOM	THICK BOTTOM	WIDTH TOP	THICK TOP
P-2	L11	NCONC8	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L11	NCONC8	90.00	2/0	60.000	18.0000	60.000	18.0000
P-4	L11	NCONC8	90.00	2/0	62.000	18.0000	62.000	18.0000
P-5	L11	NCONC8	90.00	2/0	64.000	18.0000	64.000	18.0000
1.6	L11	NCONC8	0.00	2/0	64.000	18.0000	64.000	18.0000
1.7	L11	NCONC8	0.00	2/0	63.000	18.0000	63.000	18.0000
1.8	L11	NCONC8	0.00	2/0	59.000	18.0000	59.000	18.0000
1.9	L11	NCONC8	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L11	NCONC8	0.00	2/0	64.000	18.0000	64.000	18.0000
12.7	L11	NCONC8	0.00	2/0	63.000	18.0000	63.000	18.0000
12.8	L11	NCONC8	0.00	2/0	59.000	18.0000	59.000	18.0000
12.9	L11	NCONC8	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L11	NCONC8	90.00	2/0	64.000	18.0000	64.000	18.0000
A-7	L11	NCONC8	90.00	2/0	63.000	18.0000	63.000	18.0000
A-8	L11	NCONC8	90.00	2/0	59.000	18.0000	59.000	18.0000
A-9	L11	NCONC8	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L11	NCONC8	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L11	NCONC8	90.00	2/0	64.000	18.0000	64.000	18.0000
P-7	L11	NCONC8	90.00	2/0	63.000	18.0000	63.000	18.0000
P-8	L11	NCONC8	90.00	2/0	59.000	18.0000	59.000	18.0000
P-9	L11	NCONC8	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L11	NCONC8	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L11	NCONC8	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L10	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L10	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L10	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L10	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L10	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L10	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L10	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L10	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L10	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L10	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L10	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L10	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L10	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L10	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L10	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
P-1	L10	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L10	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L10	NCONC6	90.00	4/0	38.000	18.0000	38.000	18.0000

P-4	L10	NCONC6	90.00	4/0	41.000	18.0000	41.000	18.0000
P-5	L10	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L10	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L10	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L10	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L10	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L10	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L10	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L10	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L10	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L10	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L10	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L10	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L10	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L10	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L10	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L10	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L10	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L10	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L10	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L10	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L9	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L9	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L9	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L9	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L9	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L9	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L9	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L9	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L9	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L9	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L9	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L9	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L9	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L9	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L9	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
P-1	L9	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L9	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L9	NCONC6	90.00	4/0	38.000	18.0000	38.000	18.0000

P I E R S E C T I O N P R O P E R T Y D A T A

PIER LABEL	STORY LEVEL	MATERIAL NAME	ANGLE	NUM OBJS AREA/LINE	WIDTH BOTTOM	THICK BOTTOM	WIDTH TOP	THICK TOP
P-4	L9	NCONC6	90.00	4/0	41.000	18.0000	41.000	18.0000
P-5	L9	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L9	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L9	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L9	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L9	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L9	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L9	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L9	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L9	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L9	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L9	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L9	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L9	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L9	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L9	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L9	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L9	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L9	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L9	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L9	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L8	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L8	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L8	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L8	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L8	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L8	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L8	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L8	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L8	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L8	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L8	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L8	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L8	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L8	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L8	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
A-5	L8	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-1	L8	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L8	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L8	NCONC6	90.00	4/0	38.000	18.0000	38.000	18.0000
P-4	L8	NCONC6	90.00	4/0	41.000	18.0000	41.000	18.0000

P-5	L8	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L8	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L8	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L8	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L8	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L8	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L8	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L8	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L8	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L8	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L8	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L8	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L8	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L8	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L8	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L8	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L8	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L8	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L8	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L8	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L7	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L7	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L7	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L7	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L7	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L7	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L7	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L7	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L7	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L7	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L7	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L7	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L7	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L7	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L7	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
A-5	L7	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-1	L7	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L7	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L7	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000

P I E R S E C T I O N P R O P E R T Y D A T A

PIER LABEL	STORY LEVEL	MATERIAL NAME	ANGLE	NUM OBJS AREA/LINE	WIDTH BOTTOM	THICK BOTTOM	WIDTH TOP	THICK TOP
P-4	L7	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
P-5	L7	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L7	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L7	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L7	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L7	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L7	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L7	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L7	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L7	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L7	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L7	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L7	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L7	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L7	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L7	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L7	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L7	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L7	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L7	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L7	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L6	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L6	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L6	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L6	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L6	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L6	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L6	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L6	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L6	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L6	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L6	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L6	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L6	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L6	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L6	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
A-5	L6	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-1	L6	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L6	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L6	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
P-4	L6	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000

P-5	L6	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L6	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L6	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L6	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L6	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L6	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L6	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L6	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L6	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L6	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L6	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L6	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L6	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L6	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L6	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L6	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L6	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L6	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L6	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L6	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L5	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L5	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L5	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L5	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L5	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L5	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L5	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L5	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L5	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L5	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L5	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L5	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L5	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L5	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L5	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
A-5	L5	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-1	L5	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L5	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L5	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000

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PIER SECTION PROPERTY DATA

PIER LABEL	STORY LEVEL	MATERIAL NAME	ANGLE	NUM OBJS AREA/LINE	WIDTH BOTTOM	THICK BOTTOM	WIDTH TOP	THICK TOP
P-4	L5	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
P-5	L5	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L5	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L5	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L5	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L5	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L5	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L5	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L5	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L5	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L5	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L5	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L5	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L5	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L5	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L5	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L5	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L5	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L5	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L5	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L5	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L4	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L4	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L4	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L4	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L4	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L4	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L4	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L4	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L4	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L4	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L4	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L4	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L4	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L4	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L4	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
A-5	L4	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-1	L4	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L4	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L4	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
P-4	L4	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000

P-5	L4	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L4	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L4	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L4	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L4	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L4	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L4	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L4	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L4	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L4	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L4	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L4	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L4	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L4	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L4	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L4	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L4	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L4	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L4	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L4	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
1.1	L3	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
1.2	L3	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
1.3	L3	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
1.4	L3	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
1.5	L3	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.11	L3	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
12.1	L3	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L3	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L3	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L3	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L3	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L3	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L3	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L3	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L3	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
A-5	L3	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-1	L3	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L3	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
P-3	L3	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000

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PIER SECTION PROPERTY DATA

PIER LABEL	STORY LEVEL	MATERIAL NAME	ANGLE	NUM OBJS AREA/LINE	WIDTH BOTTOM	THICK BOTTOM	WIDTH TOP	THICK TOP
P-4	L3	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
P-5	L3	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
1.6	L3	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
1.7	L3	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
1.8	L3	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
1.9	L3	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
12.6	L3	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L3	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L3	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L3	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L3	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-7	L3	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
A-8	L3	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
A-9	L3	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
A-10	L3	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
P-6	L3	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L3	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L3	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L3	NCONC6	90.00	2/0	136.000	18.0000	136.000	18.0000
P-10	L3	NCONC6	90.00	1/0	106.000	18.0000	106.000	18.0000
12.11	L3	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
A-5.1	L3	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
A-5.2	L3	NCONC6	90.00	4/0	51.000	18.0000	51.000	18.0000
1.1	L2	NBASE	0.00	13/0	706.000	28.0000	706.000	28.0000
1.2	L2	NBASE	0.00	2/0	115.000	28.0000	115.000	28.0000
1.3	L2	NBASE	0.00	21/0	1033.000	28.0000	1033.000	28.0000
1.4	L2	NBASE	0.00	13/0	706.000	28.0000	706.000	28.0000
12.1	L2	NCONC6	0.00	1/0	107.000	18.0000	107.000	18.0000
12.2	L2	NCONC6	0.00	2/0	135.000	18.0000	135.000	18.0000
12.3	L2	NCONC6	0.00	4/0	60.000	18.0000	60.000	18.0000
12.4	L2	NCONC6	0.00	4/0	62.000	18.0000	62.000	18.0000
12.5	L2	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
A-1	L2	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
A-2	L2	NCONC6	90.00	2/0	135.000	18.0000	135.000	18.0000
A-3	L2	NCONC6	90.00	4/0	60.000	18.0000	60.000	18.0000
A-4	L2	NCONC6	90.00	4/0	62.000	18.0000	62.000	18.0000
A-5	L2	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-1	L2	NCONC6	90.00	1/0	107.000	18.0000	107.000	18.0000
P-2	L2	NCONC6	90.00	2/0	127.000	18.0000	127.000	18.0000
P-3	L2	NCONC6	90.00	4/0	54.000	18.0000	54.000	18.0000
P-4	L2	NCONC6	90.00	4/0	54.000	18.0000	54.000	18.0000

P-5	L2	NCONC6	90.00	6/0	56.000	18.0000	56.000	18.0000
12.6	L2	NCONC6	0.00	4/0	64.000	18.0000	64.000	18.0000
12.7	L2	NCONC6	0.00	4/0	63.000	18.0000	63.000	18.0000
12.8	L2	NCONC6	0.00	4/0	59.000	18.0000	59.000	18.0000
12.9	L2	NCONC6	0.00	2/0	136.000	18.0000	136.000	18.0000
A-6	L2	NBASE	90.00	9/0	496.000	28.0000	496.000	28.0000
A-7	L2	NBASE	90.00	13/0	706.000	28.0000	706.000	28.0000
P-6	L2	NCONC6	90.00	4/0	64.000	18.0000	64.000	18.0000
P-7	L2	NCONC6	90.00	4/0	63.000	18.0000	63.000	18.0000
P-8	L2	NCONC6	90.00	4/0	59.000	18.0000	59.000	18.0000
P-9	L2	NCONC6	90.00	2/0	121.000	18.0000	121.000	18.0000
P-10	L2	NCONC6	90.00	2/0	43.000	18.0000	43.000	18.0000
12.11	L2	NCONC6	0.00	1/0	106.000	18.0000	106.000	18.0000
A-5.1	L2	NCONC6	90.00	2/0	80.000	18.0000	80.000	18.0000
A-5.2	L2	NCONC6	90.00	1/0	48.000	18.0000	48.000	18.0000
1.1	L1	NBASE	0.00	13/0	706.000	28.0000	706.000	28.0000
1.3	L1	NBASE	0.00	24/0	1256.000	28.0000	1256.000	28.0000
1.4	L1	NBASE	0.00	13/0	706.000	28.0000	706.000	28.0000
12.1	L1	NBASE	0.00	13/0	706.000	28.0000	706.000	28.0000
12.2	L1	NBASE	0.00	5/0	259.000	28.0000	259.000	28.0000
12.3	L1	BSMTCONC	0.00	13/0	738.000	36.0000	738.000	36.0000
12.4	L1	NBASE	0.00	5/0	259.000	28.0000	259.000	28.0000
12.5	L1	NBASE	0.00	13/0	706.000	28.0000	706.000	28.0000
A-1	L1	NBASE	90.00	18/0	938.000	28.0000	938.000	28.0000
P-1	L1	NBASE	90.00	13/0	706.000	28.0000	706.000	28.0000
P-2	L1	NBASE	90.00	13/0	728.000	28.0000	728.000	28.0000
P-3	L1	NBASE	90.00	14/0	706.000	28.0000	706.000	28.0000
A-6	L1	NBASE	90.00	9/0	496.000	28.0000	496.000	28.0000
A-7	L1	NBASE	90.00	13/0	706.000	28.0000	706.000	28.0000

P I E R S E C T I O N C E N T R O I D D A T A

PIER LABEL	STORY LEVEL	CENTROID BOTTOM X	CENTROID BOTTOM Y	CENTROID BOTTOM Z	CENTROID TOP X	CENTROID TOP Y	CENTROID TOP Z
1.1	RF	70.500	2157.000	2055.000	70.500	2157.000	2118.000
1.2	RF	253.500	2157.000	2055.000	253.500	2157.000	2118.000
1.11	RF	2632.000	2157.000	2055.000	2632.000	2157.000	2118.000

P I E R S E C T I O N C E N T R O I D D A T A

PIER LABEL	STORY LEVEL	CENTROID BOTTOM X	CENTROID BOTTOM Y	CENTROID BOTTOM Z	CENTROID TOP X	CENTROID TOP Y	CENTROID TOP Z
12.1	RF	70.500	17.000	2055.000	70.500	17.000	2118.000
12.2	RF	253.500	17.000	2055.000	253.500	17.000	2118.000
A-1	RF	17.000	70.500	2055.000	17.000	70.500	2118.000
A-2	RF	17.000	253.500	2055.000	17.000	253.500	2118.000
P-1	RF	2685.000	70.500	2055.000	2685.000	70.500	2118.000
P-2	RF	2685.000	253.500	2055.000	2685.000	253.500	2118.000
1.9	RF	2449.000	2157.000	2055.000	2449.000	2157.000	2118.000
12.9	RF	2449.000	17.000	2055.000	2449.000	17.000	2118.000
A-9	RF	17.000	1921.000	2055.000	17.000	1921.000	2118.000
A-10	RF	17.000	2104.000	2055.000	17.000	2104.000	2118.000
P-9	RF	2685.000	1921.000	2055.000	2685.000	1921.000	2118.000
P-10	RF	2685.000	2104.000	2055.000	2685.000	2104.000	2118.000
12.11	RF	2632.000	17.000	2055.000	2632.000	17.000	2118.000
1.1	L14	70.500	2157.000	1883.000	70.500	2157.000	1970.000
1.2	L14	253.500	2157.000	1883.000	253.500	2157.000	1970.000
1.11	L14	2632.000	2157.000	1883.000	2632.000	2157.000	1970.000
12.1	L14	70.500	17.000	1883.000	70.500	17.000	1970.000
12.2	L14	253.500	17.000	1883.000	253.500	17.000	1970.000
A-1	L14	17.000	70.500	1883.000	17.000	70.500	1970.000
A-2	L14	17.000	253.500	1883.000	17.000	253.500	1970.000
P-1	L14	2685.000	70.500	1883.000	2685.000	70.500	1970.000
P-2	L14	2685.000	253.500	1883.000	2685.000	253.500	1970.000
1.9	L14	2449.000	2157.000	1883.000	2449.000	2157.000	1970.000
12.9	L14	2449.000	17.000	1883.000	2449.000	17.000	1970.000
A-9	L14	17.000	1921.000	1883.000	17.000	1921.000	1970.000
A-10	L14	17.000	2104.000	1883.000	17.000	2104.000	1970.000
P-9	L14	2685.000	1921.000	1883.000	2685.000	1921.000	1970.000
P-10	L14	2685.000	2104.000	1883.000	2685.000	2104.000	1970.000
12.11	L14	2632.000	17.000	1883.000	2632.000	17.000	1970.000
1.1	L13	70.500	2157.000	1780.000	70.500	2157.000	1850.000
1.2	L13	253.500	2157.000	1780.000	253.500	2157.000	1850.000
1.11	L13	2632.000	2157.000	1780.000	2632.000	2157.000	1850.000
12.1	L13	70.500	17.000	1780.000	70.500	17.000	1850.000
12.2	L13	253.500	17.000	1780.000	253.500	17.000	1850.000
A-1	L13	17.000	70.500	1780.000	17.000	70.500	1850.000
A-2	L13	17.000	253.500	1780.000	17.000	253.500	1850.000
P-1	L13	2685.000	70.500	1780.000	2685.000	70.500	1850.000
P-2	L13	2685.000	253.500	1780.000	2685.000	253.500	1850.000
1.9	L13	2449.000	2157.000	1780.000	2449.000	2157.000	1850.000
12.9	L13	2449.000	17.000	1780.000	2449.000	17.000	1850.000
A-9	L13	17.000	1921.000	1780.000	17.000	1921.000	1850.000
A-10	L13	17.000	2104.000	1780.000	17.000	2104.000	1850.000
P-9	L13	2685.000	1921.000	1780.000	2685.000	1921.000	1850.000
P-10	L13	2685.000	2104.000	1780.000	2685.000	2104.000	1850.000
12.11	L13	2632.000	17.000	1780.000	2632.000	17.000	1850.000
1.1	L12	70.500	2157.000	1648.000	70.500	2157.000	1736.000
1.2	L12	253.500	2157.000	1648.000	253.500	2157.000	1736.000
1.11	L12	2632.000	2157.000	1648.000	2632.000	2157.000	1736.000
12.1	L12	70.500	17.000	1648.000	70.500	17.000	1736.000
12.2	L12	253.500	17.000	1648.000	253.500	17.000	1736.000
A-1	L12	17.000	70.500	1648.000	17.000	70.500	1736.000
A-2	L12	17.000	253.500	1648.000	17.000	253.500	1736.000
P-1	L12	2685.000	70.500	1648.000	2685.000	70.500	1736.000
P-2	L12	2685.000	253.500	1648.000	2685.000	253.500	1736.000
1.9	L12	2449.000	2157.000	1648.000	2449.000	2157.000	1736.000
12.9	L12	2449.000	17.000	1648.000	2449.000	17.000	1736.000
A-9	L12	17.000	1921.000	1648.000	17.000	1921.000	1736.000
A-10	L12	17.000	2104.000	1648.000	17.000	2104.000	1736.000
P-9	L12	2685.000	1921.000	1648.000	2685.000	1921.000	1736.000
P-10	L12	2685.000	2104.000	1648.000	2685.000	2104.000	1736.000
12.11	L12	2632.000	17.000	1648.000	2632.000	17.000	1736.000
1.1	L11	70.500	2157.000	1541.000	70.500	2157.000	1600.000
1.2	L11	265.500	2157.000	1541.000	265.500	2157.000	1600.000
1.3	L11	431.000	2157.000	1541.000	431.000	2157.000	1600.000
1.4	L11	560.000	2157.000	1541.000	560.000	2157.000	1600.000
1.5	L11	691.000	2157.000	1541.000	691.000	2157.000	1600.000
1.11	L11	2632.000	2157.000	1541.000	2632.000	2157.000	1600.000
12.1	L11	70.500	17.000	1541.000	70.500	17.000	1600.000
12.2	L11	265.500	17.000	1541.000	265.500	17.000	1600.000
12.3	L11	431.000	17.000	1541.000	431.000	17.000	1600.000
12.4	L11	560.000	17.000	1541.000	560.000	17.000	1600.000
12.5	L11	691.000	17.000	1541.000	691.000	17.000	1600.000
A-1	L11	17.000	70.500	1541.000	17.000	70.500	1600.000
A-2	L11	17.000	265.500	1541.000	17.000	265.500	1600.000
A-3	L11	17.000	431.000	1541.000	17.000	431.000	1600.000
A-4	L11	17.000	560.000	1541.000	17.000	560.000	1600.000
P-1	L11	2685.000	70.500	1541.000	2685.000	70.500	1600.000
P-2	L11	2685.000	265.500	1541.000	2685.000	265.500	1600.000
P-3	L11	2685.000	431.000	1541.000	2685.000	431.000	1600.000
P-4	L11	2685.000	560.000	1541.000	2685.000	560.000	1600.000

P I E R S E C T I O N C E N T R O I D D A T A

PIER LABEL	STORY LEVEL	CENTROID BOTTOM X	CENTROID BOTTOM Y	CENTROID BOTTOM Z	CENTROID TOP X	CENTROID TOP Y	CENTROID TOP Z
P-5	L11	2685.000	691.000	1541.000	2685.000	691.000	1600.000
1.6	L11	2011.000	2157.000	1541.000	2011.000	2157.000	1600.000
1.7	L11	2142.500	2157.000	1541.000	2142.500	2157.000	1600.000
1.8	L11	2271.500	2157.000	1541.000	2271.500	2157.000	1600.000
1.9	L11	2437.000	2157.000	1541.000	2437.000	2157.000	1600.000
12.6	L11	2011.000	17.000	1541.000	2011.000	17.000	1600.000
12.7	L11	2142.500	17.000	1541.000	2142.500	17.000	1600.000
12.8	L11	2271.500	17.000	1541.000	2271.500	17.000	1600.000
12.9	L11	2437.000	17.000	1541.000	2437.000	17.000	1600.000
A-6	L11	17.000	1483.000	1541.000	17.000	1483.000	1600.000
A-7	L11	17.000	1614.500	1541.000	17.000	1614.500	1600.000
A-8	L11	17.000	1743.500	1541.000	17.000	1743.500	1600.000
A-9	L11	17.000	1909.000	1541.000	17.000	1909.000	1600.000
A-10	L11	17.000	2104.000	1541.000	17.000	2104.000	1600.000
P-6	L11	2685.000	1483.000	1541.000	2685.000	1483.000	1600.000
P-7	L11	2685.000	1614.500	1541.000	2685.000	1614.500	1600.000
P-8	L11	2685.000	1743.500	1541.000	2685.000	1743.500	1600.000
P-9	L11	2685.000	1909.000	1541.000	2685.000	1909.000	1600.000
P-10	L11	2685.000	2104.000	1541.000	2685.000	2104.000	1600.000
12.11	L11	2632.000	17.000	1541.000	2632.000	17.000	1600.000
1.1	L10	70.500	2157.000	1420.000	70.500	2157.000	1483.000
1.2	L10	265.500	2157.000	1420.000	265.500	2157.000	1483.000
1.3	L10	431.000	2157.000	1420.000	431.000	2157.000	1483.000
1.4	L10	560.000	2157.000	1420.000	560.000	2157.000	1483.000
1.5	L10	691.000	2157.000	1420.000	691.000	2157.000	1483.000
1.11	L10	2632.000	2157.000	1420.000	2632.000	2157.000	1483.000
12.1	L10	70.500	17.000	1420.000	70.500	17.000	1483.000
12.2	L10	265.500	17.000	1420.000	265.500	17.000	1483.000
12.3	L10	431.000	17.000	1420.000	431.000	17.000	1483.000
12.4	L10	560.000	17.000	1420.000	560.000	17.000	1483.000
12.5	L10	691.000	17.000	1420.000	691.000	17.000	1483.000
A-1	L10	17.000	70.500	1420.000	17.000	70.500	1483.000
A-2	L10	17.000	265.500	1420.000	17.000	265.500	1483.000
A-3	L10	17.000	431.000	1420.000	17.000	431.000	1483.000
A-4	L10	17.000	560.000	1420.000	17.000	560.000	1483.000
P-1	L10	2685.000	70.500	1420.000	2685.000	70.500	1483.000
P-2	L10	2685.000	265.500	1420.000	2685.000	265.500	1483.000
P-3	L10	2685.000	420.000	1420.000	2685.000	420.000	1483.000
P-4	L10	2685.000	570.500	1420.000	2685.000	570.500	1483.000
P-5	L10	2685.000	691.000	1420.000	2685.000	691.000	1483.000
1.6	L10	2011.000	2157.000	1420.000	2011.000	2157.000	1483.000

1.7	L10	2142.500	2157.000	1420.000	2142.500	2157.000	1483.000
1.8	L10	2271.500	2157.000	1420.000	2271.500	2157.000	1483.000
1.9	L10	2437.000	2157.000	1420.000	2437.000	2157.000	1483.000
12.6	L10	2011.000	17.000	1420.000	2011.000	17.000	1483.000
12.7	L10	2142.500	17.000	1420.000	2142.500	17.000	1483.000
12.8	L10	2271.500	17.000	1420.000	2271.500	17.000	1483.000
12.9	L10	2437.000	17.000	1420.000	2437.000	17.000	1483.000
A-6	L10	17.000	1483.000	1420.000	17.000	1483.000	1483.000
A-7	L10	17.000	1614.500	1420.000	17.000	1614.500	1483.000
A-8	L10	17.000	1743.500	1420.000	17.000	1743.500	1483.000
A-9	L10	17.000	1909.000	1420.000	17.000	1909.000	1483.000
A-10	L10	17.000	2104.000	1420.000	17.000	2104.000	1483.000
P-6	L10	2685.000	1483.000	1420.000	2685.000	1483.000	1483.000
P-7	L10	2685.000	1614.500	1420.000	2685.000	1614.500	1483.000
P-8	L10	2685.000	1743.500	1420.000	2685.000	1743.500	1483.000
P-9	L10	2685.000	1909.000	1420.000	2685.000	1909.000	1483.000
P-10	L10	2685.000	2104.000	1420.000	2685.000	2104.000	1483.000
12.11	L10	2632.000	17.000	1420.000	2632.000	17.000	1483.000
1.1	L9	70.500	2157.000	1283.000	70.500	2157.000	1378.000
1.2	L9	265.500	2157.000	1283.000	265.500	2157.000	1378.000
1.3	L9	431.000	2157.000	1283.000	431.000	2157.000	1378.000
1.4	L9	560.000	2157.000	1283.000	560.000	2157.000	1378.000
1.5	L9	691.000	2157.000	1283.000	691.000	2157.000	1378.000
1.11	L9	2632.000	2157.000	1283.000	2632.000	2157.000	1378.000
12.1	L9	70.500	17.000	1283.000	70.500	17.000	1378.000
12.2	L9	265.500	17.000	1283.000	265.500	17.000	1378.000
12.3	L9	431.000	17.000	1283.000	431.000	17.000	1378.000
12.4	L9	560.000	17.000	1283.000	560.000	17.000	1378.000
12.5	L9	691.000	17.000	1283.000	691.000	17.000	1378.000
A-1	L9	17.000	70.500	1283.000	17.000	70.500	1378.000
A-2	L9	17.000	265.500	1283.000	17.000	265.500	1378.000
A-3	L9	17.000	431.000	1283.000	17.000	431.000	1378.000
A-4	L9	17.000	560.000	1283.000	17.000	560.000	1378.000
P-1	L9	2685.000	70.500	1283.000	2685.000	70.500	1378.000
P-2	L9	2685.000	265.500	1283.000	2685.000	265.500	1378.000
P-3	L9	2685.000	420.000	1283.000	2685.000	420.000	1378.000
P-4	L9	2685.000	570.500	1283.000	2685.000	570.500	1378.000
P-5	L9	2685.000	691.000	1283.000	2685.000	691.000	1378.000
1.6	L9	2011.000	2157.000	1283.000	2011.000	2157.000	1378.000

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PIER SECTION CENTROID DATA

PIER LABEL	STORY LEVEL	CENTROID BOTTOM X	CENTROID BOTTOM Y	CENTROID BOTTOM Z	CENTROID TOP X	CENTROID TOP Y	CENTROID TOP Z
1.7	L9	2142.500	2157.000	1283.000	2142.500	2157.000	1378.000
1.8	L9	2271.500	2157.000	1283.000	2271.500	2157.000	1378.000
1.9	L9	2437.000	2157.000	1283.000	2437.000	2157.000	1378.000
12.6	L9	2011.000	17.000	1283.000	2011.000	17.000	1378.000
12.7	L9	2142.500	17.000	1283.000	2142.500	17.000	1378.000
12.8	L9	2271.500	17.000	1283.000	2271.500	17.000	1378.000
12.9	L9	2437.000	17.000	1283.000	2437.000	17.000	1378.000
A-6	L9	17.000	1483.000	1283.000	17.000	1483.000	1378.000
A-7	L9	17.000	1614.500	1283.000	17.000	1614.500	1378.000
A-8	L9	17.000	1743.500	1283.000	17.000	1743.500	1378.000
A-9	L9	17.000	1909.000	1283.000	17.000	1909.000	1378.000
A-10	L9	17.000	2104.000	1283.000	17.000	2104.000	1378.000
P-6	L9	2685.000	1483.000	1283.000	2685.000	1483.000	1378.000
P-7	L9	2685.000	1614.500	1283.000	2685.000	1614.500	1378.000
P-8	L9	2685.000	1743.500	1283.000	2685.000	1743.500	1378.000
P-9	L9	2685.000	1909.000	1283.000	2685.000	1909.000	1378.000
P-10	L9	2685.000	2104.000	1283.000	2685.000	2104.000	1378.000
12.11	L9	2632.000	17.000	1283.000	2632.000	17.000	1378.000
1.1	L8	70.500	2157.000	1095.000	70.500	2157.000	1201.000
1.2	L8	265.500	2157.000	1095.000	265.500	2157.000	1201.000
1.3	L8	431.000	2157.000	1095.000	431.000	2157.000	1201.000
1.4	L8	560.000	2157.000	1095.000	560.000	2157.000	1201.000
1.5	L8	691.000	2157.000	1095.000	691.000	2157.000	1201.000
1.11	L8	2632.000	2157.000	1095.000	2632.000	2157.000	1201.000
12.1	L8	70.500	17.000	1095.000	70.500	17.000	1201.000
12.2	L8	265.500	17.000	1095.000	265.500	17.000	1201.000
12.3	L8	431.000	17.000	1095.000	431.000	17.000	1201.000
12.4	L8	560.000	17.000	1095.000	560.000	17.000	1201.000
12.5	L8	691.000	17.000	1095.000	691.000	17.000	1201.000
A-1	L8	17.000	70.500	1095.000	17.000	70.500	1201.000
A-2	L8	17.000	265.500	1095.000	17.000	265.500	1201.000
A-3	L8	17.000	431.000	1095.000	17.000	431.000	1201.000
A-4	L8	17.000	560.000	1095.000	17.000	560.000	1201.000
A-5	L8	17.000	691.000	1095.000	17.000	691.000	1201.000
P-1	L8	2685.000	70.500	1095.000	2685.000	70.500	1201.000
P-2	L8	2685.000	265.500	1095.000	2685.000	265.500	1201.000
P-3	L8	2685.000	420.000	1095.000	2685.000	420.000	1201.000
P-4	L8	2685.000	570.500	1095.000	2685.000	570.500	1201.000
P-5	L8	2685.000	691.000	1095.000	2685.000	691.000	1201.000
1.6	L8	2011.000	2157.000	1095.000	2011.000	2157.000	1201.000
1.7	L8	2142.500	2157.000	1095.000	2142.500	2157.000	1201.000

1.8	L8	2271.500	2157.000	1095.000	2271.500	2157.000	1201.000
1.9	L8	2437.000	2157.000	1095.000	2437.000	2157.000	1201.000
12.6	L8	2011.000	17.000	1095.000	2011.000	17.000	1201.000
12.7	L8	2142.500	17.000	1095.000	2142.500	17.000	1201.000
12.8	L8	2271.500	17.000	1095.000	2271.500	17.000	1201.000
12.9	L8	2437.000	17.000	1095.000	2437.000	17.000	1201.000
A-6	L8	17.000	1483.000	1095.000	17.000	1483.000	1201.000
A-7	L8	17.000	1614.500	1095.000	17.000	1614.500	1201.000
A-8	L8	17.000	1743.500	1095.000	17.000	1743.500	1201.000
A-9	L8	17.000	1909.000	1095.000	17.000	1909.000	1201.000
A-10	L8	17.000	2104.000	1095.000	17.000	2104.000	1201.000
P-6	L8	2685.000	1483.000	1095.000	2685.000	1483.000	1201.000
P-7	L8	2685.000	1614.500	1095.000	2685.000	1614.500	1201.000
P-8	L8	2685.000	1743.500	1095.000	2685.000	1743.500	1201.000
P-9	L8	2685.000	1909.000	1095.000	2685.000	1909.000	1201.000
P-10	L8	2685.000	2104.000	1095.000	2685.000	2104.000	1201.000
12.11	L8	2632.000	17.000	1095.000	2632.000	17.000	1201.000
1.1	L7	70.500	2157.000	948.000	70.500	2157.000	1040.000
1.2	L7	265.500	2157.000	948.000	265.500	2157.000	1040.000
1.3	L7	431.000	2157.000	948.000	431.000	2157.000	1040.000
1.4	L7	560.000	2157.000	948.000	560.000	2157.000	1040.000
1.5	L7	691.000	2157.000	948.000	691.000	2157.000	1040.000
1.11	L7	2632.000	2157.000	948.000	2632.000	2157.000	1040.000
12.1	L7	70.500	17.000	948.000	70.500	17.000	1040.000
12.2	L7	265.500	17.000	948.000	265.500	17.000	1040.000
12.3	L7	431.000	17.000	948.000	431.000	17.000	1040.000
12.4	L7	560.000	17.000	948.000	560.000	17.000	1040.000
12.5	L7	691.000	17.000	948.000	691.000	17.000	1040.000
A-1	L7	17.000	70.500	948.000	17.000	70.500	1040.000
A-2	L7	17.000	265.500	948.000	17.000	265.500	1040.000
A-3	L7	17.000	431.000	948.000	17.000	431.000	1040.000
A-4	L7	17.000	560.000	948.000	17.000	560.000	1040.000
A-5	L7	17.000	691.000	948.000	17.000	691.000	1040.000
P-1	L7	2685.000	70.500	948.000	2685.000	70.500	1040.000
P-2	L7	2685.000	265.500	948.000	2685.000	265.500	1040.000
P-3	L7	2685.000	431.000	948.000	2685.000	431.000	1040.000
P-4	L7	2685.000	560.000	948.000	2685.000	560.000	1040.000
P-5	L7	2685.000	691.000	948.000	2685.000	691.000	1040.000
1.6	L7	2011.000	2157.000	948.000	2011.000	2157.000	1040.000

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PIER SECTION CENTROID DATA

PIER LABEL	STORY LEVEL	CENTROID BOTTOM X	CENTROID BOTTOM Y	CENTROID BOTTOM Z	CENTROID TOP X	CENTROID TOP Y	CENTROID TOP Z
1.7	L7	2142.500	2157.000	948.000	2142.500	2157.000	1040.000
1.8	L7	2271.500	2157.000	948.000	2271.500	2157.000	1040.000
1.9	L7	2437.000	2157.000	948.000	2437.000	2157.000	1040.000
12.6	L7	2011.000	17.000	948.000	2011.000	17.000	1040.000
12.7	L7	2142.500	17.000	948.000	2142.500	17.000	1040.000
12.8	L7	2271.500	17.000	948.000	2271.500	17.000	1040.000
12.9	L7	2437.000	17.000	948.000	2437.000	17.000	1040.000
A-6	L7	17.000	1483.000	948.000	17.000	1483.000	1040.000
A-7	L7	17.000	1614.500	948.000	17.000	1614.500	1040.000
A-8	L7	17.000	1743.500	948.000	17.000	1743.500	1040.000
A-9	L7	17.000	1909.000	948.000	17.000	1909.000	1040.000
A-10	L7	17.000	2104.000	948.000	17.000	2104.000	1040.000
P-6	L7	2685.000	1483.000	948.000	2685.000	1483.000	1040.000
P-7	L7	2685.000	1614.500	948.000	2685.000	1614.500	1040.000
P-8	L7	2685.000	1743.500	948.000	2685.000	1743.500	1040.000
P-9	L7	2685.000	1909.000	948.000	2685.000	1909.000	1040.000
P-10	L7	2685.000	2104.000	948.000	2685.000	2104.000	1040.000
12.11	L7	2632.000	17.000	948.000	2632.000	17.000	1040.000
1.1	L6	70.500	2157.000	805.000	70.500	2157.000	896.000
1.2	L6	265.500	2157.000	805.000	265.500	2157.000	896.000
1.3	L6	431.000	2157.000	805.000	431.000	2157.000	896.000
1.4	L6	560.000	2157.000	805.000	560.000	2157.000	896.000
1.5	L6	691.000	2157.000	805.000	691.000	2157.000	896.000
1.11	L6	2632.000	2157.000	805.000	2632.000	2157.000	896.000
12.1	L6	70.500	17.000	805.000	70.500	17.000	896.000
12.2	L6	265.500	17.000	805.000	265.500	17.000	896.000
12.3	L6	431.000	17.000	805.000	431.000	17.000	896.000
12.4	L6	560.000	17.000	805.000	560.000	17.000	896.000
12.5	L6	691.000	17.000	805.000	691.000	17.000	896.000
A-1	L6	17.000	70.500	805.000	17.000	70.500	896.000
A-2	L6	17.000	265.500	805.000	17.000	265.500	896.000
A-3	L6	17.000	431.000	805.000	17.000	431.000	896.000
A-4	L6	17.000	560.000	805.000	17.000	560.000	896.000
A-5	L6	17.000	691.000	805.000	17.000	691.000	896.000
P-1	L6	2685.000	70.500	805.000	2685.000	70.500	896.000
P-2	L6	2685.000	265.500	805.000	2685.000	265.500	896.000
P-3	L6	2685.000	431.000	805.000	2685.000	431.000	896.000
P-4	L6	2685.000	560.000	805.000	2685.000	560.000	896.000
P-5	L6	2685.000	691.000	805.000	2685.000	691.000	896.000
1.6	L6	2011.000	2157.000	805.000	2011.000	2157.000	896.000
1.7	L6	2142.500	2157.000	805.000	2142.500	2157.000	896.000

1.8	L6	2271.500	2157.000	805.000	2271.500	2157.000	896.000
1.9	L6	2437.000	2157.000	805.000	2437.000	2157.000	896.000
12.6	L6	2011.000	17.000	805.000	2011.000	17.000	896.000
12.7	L6	2142.500	17.000	805.000	2142.500	17.000	896.000
12.8	L6	2271.500	17.000	805.000	2271.500	17.000	896.000
12.9	L6	2437.000	17.000	805.000	2437.000	17.000	896.000
A-6	L6	17.000	1483.000	805.000	17.000	1483.000	896.000
A-7	L6	17.000	1614.500	805.000	17.000	1614.500	896.000
A-8	L6	17.000	1743.500	805.000	17.000	1743.500	896.000
A-9	L6	17.000	1909.000	805.000	17.000	1909.000	896.000
A-10	L6	17.000	2104.000	805.000	17.000	2104.000	896.000
P-6	L6	2685.000	1483.000	805.000	2685.000	1483.000	896.000
P-7	L6	2685.000	1614.500	805.000	2685.000	1614.500	896.000
P-8	L6	2685.000	1743.500	805.000	2685.000	1743.500	896.000
P-9	L6	2685.000	1909.000	805.000	2685.000	1909.000	896.000
P-10	L6	2685.000	2104.000	805.000	2685.000	2104.000	896.000
12.11	L6	2632.000	17.000	805.000	2632.000	17.000	896.000
1.1	L5	70.500	2157.000	642.000	70.500	2157.000	754.000
1.2	L5	265.500	2157.000	642.000	265.500	2157.000	754.000
1.3	L5	431.000	2157.000	642.000	431.000	2157.000	754.000
1.4	L5	560.000	2157.000	642.000	560.000	2157.000	754.000
1.5	L5	691.000	2157.000	642.000	691.000	2157.000	754.000
1.11	L5	2632.000	2157.000	642.000	2632.000	2157.000	754.000
12.1	L5	70.500	17.000	642.000	70.500	17.000	754.000
12.2	L5	265.500	17.000	642.000	265.500	17.000	754.000
12.3	L5	431.000	17.000	642.000	431.000	17.000	754.000
12.4	L5	560.000	17.000	642.000	560.000	17.000	754.000
12.5	L5	691.000	17.000	642.000	691.000	17.000	754.000
A-1	L5	17.000	70.500	642.000	17.000	70.500	754.000
A-2	L5	17.000	265.500	642.000	17.000	265.500	754.000
A-3	L5	17.000	431.000	642.000	17.000	431.000	754.000
A-4	L5	17.000	560.000	642.000	17.000	560.000	754.000
A-5	L5	17.000	691.000	642.000	17.000	691.000	754.000
P-1	L5	2685.000	70.500	642.000	2685.000	70.500	754.000
P-2	L5	2685.000	265.500	642.000	2685.000	265.500	754.000
P-3	L5	2685.000	431.000	642.000	2685.000	431.000	754.000
P-4	L5	2685.000	560.000	642.000	2685.000	560.000	754.000
P-5	L5	2685.000	691.000	642.000	2685.000	691.000	754.000
1.6	L5	2011.000	2157.000	642.000	2011.000	2157.000	754.000

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PIER SECTION CENTROID DATA

PIER LABEL	STORY LEVEL	CENTROID BOTTOM X	CENTROID BOTTOM Y	CENTROID BOTTOM Z	CENTROID TOP X	CENTROID TOP Y	CENTROID TOP Z
1.7	L5	2142.500	2157.000	642.000	2142.500	2157.000	754.000
1.8	L5	2271.500	2157.000	642.000	2271.500	2157.000	754.000
1.9	L5	2437.000	2157.000	642.000	2437.000	2157.000	754.000
12.6	L5	2011.000	17.000	642.000	2011.000	17.000	754.000
12.7	L5	2142.500	17.000	642.000	2142.500	17.000	754.000
12.8	L5	2271.500	17.000	642.000	2271.500	17.000	754.000
12.9	L5	2437.000	17.000	642.000	2437.000	17.000	754.000
A-6	L5	17.000	1483.000	642.000	17.000	1483.000	754.000
A-7	L5	17.000	1614.500	642.000	17.000	1614.500	754.000
A-8	L5	17.000	1743.500	642.000	17.000	1743.500	754.000
A-9	L5	17.000	1909.000	642.000	17.000	1909.000	754.000
A-10	L5	17.000	2104.000	642.000	17.000	2104.000	754.000
P-6	L5	2685.000	1483.000	642.000	2685.000	1483.000	754.000
P-7	L5	2685.000	1614.500	642.000	2685.000	1614.500	754.000
P-8	L5	2685.000	1743.500	642.000	2685.000	1743.500	754.000
P-9	L5	2685.000	1909.000	642.000	2685.000	1909.000	754.000
P-10	L5	2685.000	2104.000	642.000	2685.000	2104.000	754.000
12.11	L5	2632.000	17.000	642.000	2632.000	17.000	754.000
1.1	L4	70.500	2157.000	466.000	70.500	2157.000	550.000
1.2	L4	265.500	2157.000	466.000	265.500	2157.000	550.000
1.3	L4	431.000	2157.000	466.000	431.000	2157.000	550.000
1.4	L4	560.000	2157.000	466.000	560.000	2157.000	550.000
1.5	L4	691.000	2157.000	466.000	691.000	2157.000	550.000
1.11	L4	2632.000	2157.000	466.000	2632.000	2157.000	550.000
12.1	L4	70.500	17.000	466.000	70.500	17.000	550.000
12.2	L4	265.500	17.000	466.000	265.500	17.000	550.000
12.3	L4	431.000	17.000	466.000	431.000	17.000	550.000
12.4	L4	560.000	17.000	466.000	560.000	17.000	550.000
12.5	L4	691.000	17.000	466.000	691.000	17.000	550.000
A-1	L4	17.000	70.500	466.000	17.000	70.500	550.000
A-2	L4	17.000	265.500	466.000	17.000	265.500	550.000
A-3	L4	17.000	431.000	466.000	17.000	431.000	550.000
A-4	L4	17.000	560.000	466.000	17.000	560.000	550.000
A-5	L4	17.000	691.000	466.000	17.000	691.000	550.000
P-1	L4	2685.000	70.500	466.000	2685.000	70.500	550.000
P-2	L4	2685.000	265.500	466.000	2685.000	265.500	550.000
P-3	L4	2685.000	431.000	466.000	2685.000	431.000	550.000
P-4	L4	2685.000	560.000	466.000	2685.000	560.000	550.000
P-5	L4	2685.000	691.000	466.000	2685.000	691.000	550.000
1.6	L4	2011.000	2157.000	466.000	2011.000	2157.000	550.000
1.7	L4	2142.500	2157.000	466.000	2142.500	2157.000	550.000

1.8	L4	2271.500	2157.000	466.000	2271.500	2157.000	550.000
1.9	L4	2437.000	2157.000	466.000	2437.000	2157.000	550.000
12.6	L4	2011.000	17.000	466.000	2011.000	17.000	550.000
12.7	L4	2142.500	17.000	466.000	2142.500	17.000	550.000
12.8	L4	2271.500	17.000	466.000	2271.500	17.000	550.000
12.9	L4	2437.000	17.000	466.000	2437.000	17.000	550.000
A-6	L4	17.000	1483.000	466.000	17.000	1483.000	550.000
A-7	L4	17.000	1614.500	466.000	17.000	1614.500	550.000
A-8	L4	17.000	1743.500	466.000	17.000	1743.500	550.000
A-9	L4	17.000	1909.000	466.000	17.000	1909.000	550.000
A-10	L4	17.000	2104.000	466.000	17.000	2104.000	550.000
P-6	L4	2685.000	1483.000	466.000	2685.000	1483.000	550.000
P-7	L4	2685.000	1614.500	466.000	2685.000	1614.500	550.000
P-8	L4	2685.000	1743.500	466.000	2685.000	1743.500	550.000
P-9	L4	2685.000	1909.000	466.000	2685.000	1909.000	550.000
P-10	L4	2685.000	2104.000	466.000	2685.000	2104.000	550.000
12.11	L4	2632.000	17.000	466.000	2632.000	17.000	550.000
1.1	L3	70.500	2157.000	267.000	70.500	2157.000	391.000
1.2	L3	265.500	2157.000	267.000	265.500	2157.000	391.000
1.3	L3	431.000	2157.000	267.000	431.000	2157.000	391.000
1.4	L3	560.000	2157.000	267.000	560.000	2157.000	391.000
1.5	L3	691.000	2157.000	267.000	691.000	2157.000	391.000
1.11	L3	2632.000	2157.000	267.000	2632.000	2157.000	391.000
12.1	L3	70.500	17.000	267.000	70.500	17.000	391.000
12.2	L3	265.500	17.000	267.000	265.500	17.000	391.000
12.3	L3	431.000	17.000	267.000	431.000	17.000	391.000
12.4	L3	560.000	17.000	267.000	560.000	17.000	391.000
12.5	L3	691.000	17.000	267.000	691.000	17.000	391.000
A-1	L3	17.000	70.500	267.000	17.000	70.500	391.000
A-2	L3	17.000	265.500	267.000	17.000	265.500	391.000
A-3	L3	17.000	431.000	267.000	17.000	431.000	391.000
A-4	L3	17.000	560.000	267.000	17.000	560.000	391.000
A-5	L3	17.000	691.000	267.000	17.000	691.000	391.000
P-1	L3	2685.000	70.500	267.000	2685.000	70.500	391.000
P-2	L3	2685.000	265.500	267.000	2685.000	265.500	391.000
P-3	L3	2685.000	431.000	267.000	2685.000	431.000	391.000
P-4	L3	2685.000	560.000	267.000	2685.000	560.000	391.000
P-5	L3	2685.000	691.000	267.000	2685.000	691.000	391.000
1.6	L3	2011.000	2157.000	267.000	2011.000	2157.000	391.000

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PIER SECTION CENTROID DATA

PIER LABEL	STORY LEVEL	CENTROID BOTTOM X	CENTROID BOTTOM Y	CENTROID BOTTOM Z	CENTROID TOP X	CENTROID TOP Y	CENTROID TOP Z
1.7	L3	2142.500	2157.000	267.000	2142.500	2157.000	391.000
1.8	L3	2271.500	2157.000	267.000	2271.500	2157.000	391.000
1.9	L3	2437.000	2157.000	267.000	2437.000	2157.000	391.000
12.6	L3	2011.000	17.000	267.000	2011.000	17.000	391.000
12.7	L3	2142.500	17.000	267.000	2142.500	17.000	391.000
12.8	L3	2271.500	17.000	267.000	2271.500	17.000	391.000
12.9	L3	2437.000	17.000	267.000	2437.000	17.000	391.000
A-6	L3	17.000	1483.000	267.000	17.000	1483.000	391.000
A-7	L3	17.000	1614.500	267.000	17.000	1614.500	391.000
A-8	L3	17.000	1743.500	267.000	17.000	1743.500	391.000
A-9	L3	17.000	1909.000	267.000	17.000	1909.000	391.000
A-10	L3	17.000	2104.000	267.000	17.000	2104.000	391.000
P-6	L3	2685.000	1483.000	267.000	2685.000	1483.000	391.000
P-7	L3	2685.000	1614.500	267.000	2685.000	1614.500	391.000
P-8	L3	2685.000	1743.500	267.000	2685.000	1743.500	391.000
P-9	L3	2685.000	1909.000	267.000	2685.000	1909.000	391.000
P-10	L3	2685.000	2104.000	267.000	2685.000	2104.000	391.000
12.11	L3	2632.000	17.000	267.000	2632.000	17.000	391.000
A-5.1	L3	17.000	823.000	267.000	17.000	823.000	391.000
A-5.2	L3	17.000	948.500	267.000	17.000	948.500	391.000
1.1	L2	370.000	2157.000	84.000	370.000	2157.000	168.000
1.2	L2	780.500	2157.000	84.000	780.500	2157.000	168.000
1.3	L2	1462.500	2157.000	84.000	1462.500	2157.000	168.000
1.4	L2	2332.000	2157.000	84.000	2332.000	2157.000	168.000
12.1	L2	70.500	17.000	110.000	70.500	17.000	193.000
12.2	L2	265.500	17.000	110.000	265.500	17.000	193.000
12.3	L2	431.000	17.000	110.000	431.000	17.000	193.000
12.4	L2	560.000	17.000	110.000	560.000	17.000	193.000
12.5	L2	691.000	17.000	110.000	691.000	17.000	193.000
A-1	L2	17.000	70.500	110.000	17.000	70.500	193.000
A-2	L2	17.000	265.500	110.000	17.000	265.500	193.000
A-3	L2	17.000	431.000	110.000	17.000	431.000	193.000
A-4	L2	17.000	560.000	110.000	17.000	560.000	193.000
A-5	L2	17.000	691.000	110.000	17.000	691.000	193.000
P-1	L2	2685.000	70.500	110.000	2685.000	70.500	193.000
P-2	L2	2685.000	261.500	110.000	2685.000	261.500	193.000
P-3	L2	2685.000	434.000	110.000	2685.000	434.000	193.000
P-4	L2	2685.000	556.000	110.000	2685.000	556.000	193.000
P-5	L2	2685.000	695.000	84.000	2685.000	695.000	193.000
12.6	L2	2011.000	17.000	110.000	2011.000	17.000	193.000
12.7	L2	2142.500	17.000	110.000	2142.500	17.000	193.000

12.8	L2	2271.500	17.000	110.000	2271.500	17.000	193.000
12.9	L2	2437.000	17.000	110.000	2437.000	17.000	193.000
A-6	L2	17.000	1203.000	110.000	17.000	1203.000	151.500
A-7	L2	17.000	1804.000	110.000	17.000	1804.000	151.500
P-6	L2	2685.000	1483.000	110.000	2685.000	1483.000	193.000
P-7	L2	2685.000	1614.500	110.000	2685.000	1614.500	193.000
P-8	L2	2685.000	1743.500	110.000	2685.000	1743.500	193.000
P-9	L2	2685.000	1901.500	110.000	2685.000	1901.500	193.000
P-10	L2	2685.000	2135.500	84.000	2685.000	2135.500	230.000
12.11	L2	2632.000	17.000	110.000	2632.000	17.000	193.000
A-5.1	L2	17.000	931.000	110.000	17.000	931.000	151.500
A-5.2	L2	17.000	931.000	110.000	17.000	931.000	151.500
1.1	L1	370.000	2157.000	0.000	370.000	2157.000	84.000
1.3	L1	1351.000	2157.000	0.000	1351.000	2157.000	84.000
1.4	L1	2332.000	2157.000	0.000	2332.000	2157.000	84.000
12.1	L1	370.000	17.000	0.000	370.000	17.000	84.000
12.2	L1	852.500	17.000	0.000	852.500	17.000	84.000
12.3	L1	1351.000	17.000	0.000	1351.000	17.000	84.000
12.4	L1	1849.500	17.000	0.000	1849.500	17.000	84.000
12.5	L1	2332.000	17.000	0.000	2332.000	17.000	84.000
A-1	L1	17.000	486.000	0.000	17.000	486.000	84.000
P-1	L1	2685.000	370.000	0.000	2685.000	370.000	84.000
P-2	L1	2685.000	1087.000	0.000	2685.000	1087.000	84.000
P-3	L1	2685.000	1804.000	0.000	2685.000	1804.000	84.000
A-6	L1	17.000	1203.000	0.000	17.000	1203.000	84.000
A-7	L1	17.000	1804.000	0.000	17.000	1804.000	84.000

SPANDREL SECTION PROPERTY DATA

SPANDREL LABEL	STORY LEVEL	MATERIAL NAME	NUM OBJECTS AREA/LINE	SPANDREL LENGTH	DEPTH LEFT	THICK LEFT	DEPTH RIGHT	THICK RIGHT
S1-1	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
S1-8	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
S12-1	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
S12-8	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
SA-1	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
SA-8	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
SP-1	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
SP-8	RF	NCONC8	2/0	74.000	71.0000	14.0000	71.0000	14.0000
S1-1	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
S1-8	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
S12-1	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
S12-8	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
SA-1	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
SA-8	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
SP-1	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
SP-8	L14	NCONC8	4/0	74.000	85.0000	21.0000	85.0000	21.0000
S1-1	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
S1-8	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
S12-1	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
S12-8	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
SA-1	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
SA-8	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
SP-1	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
SP-8	L13	NCONC8	4/0	74.000	33.0000	21.0000	33.0000	21.0000
S1-1	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
S1-8	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
S12-1	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
S12-8	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
SA-1	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
SA-8	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
SP-1	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
SP-8	L12	NCONC8	4/0	74.000	44.0000	28.0000	44.0000	28.0000
S1-1	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000
S1-2	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S1-3	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S1-4	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S1-5	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S1-6	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S1-7	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S1-8	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000
S12-1	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000

SPANDREL SECTION PROPERTY DATA

SPANDREL LABEL	STORY LEVEL	MATERIAL NAME	NUM OBJECTS AREA/LINE	SPANDREL LENGTH	DEPTH LEFT	THICK LEFT	DEPTH RIGHT	THICK RIGHT
S12-2	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S12-3	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S12-4	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S12-5	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S12-6	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S12-7	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
S12-8	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000
SA-1	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000
SA-2	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SA-3	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SA-5	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SA-6	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SA-7	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SA-8	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000
SP-1	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000
SP-2	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SP-3	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SP-4	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SP-5	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SP-6	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SP-7	L11	NCONC8	2/0	68.000	48.0000	25.0000	48.0000	25.0000
SP-8	L11	NCONC8	2/0	74.000	48.0000	25.0000	48.0000	25.0000
S1-1	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
S1-2	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S1-3	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S1-4	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S1-5	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S1-6	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S1-7	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S1-8	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
S12-1	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
S12-2	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S12-3	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S12-4	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S12-5	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S12-6	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S12-7	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
S12-8	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
SA-1	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
SA-2	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SA-3	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SA-5	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SA-6	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SA-7	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SA-8	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
SP-1	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
SP-2	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SP-3	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SP-4	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SP-5	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SP-6	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SP-7	L10	NCONC6	4/0	68.000	58.0000	30.0000	58.0000	30.0000
SP-8	L10	NCONC6	4/0	74.000	58.0000	30.0000	58.0000	30.0000
S1-1	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
S1-2	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S1-3	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S1-4	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S1-5	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S1-6	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S1-7	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S1-8	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
S12-1	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
S12-2	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S12-3	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S12-4	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S12-5	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S12-6	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S12-7	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
S12-8	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
SA-1	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
SA-2	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SA-3	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SA-5	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SA-6	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SA-7	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SA-8	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
SP-1	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
SP-2	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SP-3	L9	NCONC6	4/0	111.500	24.0000	30.0000	24.0000	30.0000
SP-4	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000

SP-5	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SP-6	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SP-7	L9	NCONC6	4/0	68.000	42.0000	30.0000	42.0000	30.0000
SP-8	L9	NCONC6	4/0	74.000	42.0000	30.0000	42.0000	30.0000
S1-1	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
S1-2	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S1-3	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S1-4	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S1-5	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S1-6	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S1-7	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S1-8	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
S12-1	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
S12-2	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S12-3	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S12-4	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S12-5	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S12-6	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S12-7	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
S12-8	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
SA-1	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
SA-2	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SA-3	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SA-4	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SA-5	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SA-6	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SA-7	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SA-8	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
SP-1	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
SP-2	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SP-3	L8	NCONC6	4/0	111.000	53.0000	30.0000	53.0000	30.0000
SP-4	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SP-5	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SP-6	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SP-7	L8	NCONC6	4/0	68.000	82.0000	30.0000	82.0000	30.0000
SP-8	L8	NCONC6	4/0	74.000	82.0000	30.0000	82.0000	30.0000
S1-1	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
S1-2	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S1-3	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000

SPANDREL SECTION PROPERTY DATA

SPANDREL LABEL	STORY LEVEL	MATERIAL NAME	NUM OBJECTS AREA/LINE	SPANDREL LENGTH	DEPTH LEFT	THICK LEFT	DEPTH RIGHT	THICK RIGHT
S1-4	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S1-5	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S1-6	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S1-7	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S1-8	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
S12-1	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
S12-2	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S12-3	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S12-4	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S12-5	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S12-6	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S12-7	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
S12-8	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
SA-1	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
SA-2	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SA-3	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SA-4	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SA-5	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SA-6	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SA-7	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SA-8	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
SP-1	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
SP-2	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SP-3	L7	NCONC6	2/0	68.000	27.0000	30.0000	27.0000	30.0000
SP-4	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SP-5	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SP-6	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SP-7	L7	NCONC6	4/0	68.000	55.0000	30.0000	55.0000	30.0000
SP-8	L7	NCONC6	4/0	74.000	55.0000	30.0000	55.0000	30.0000
S1-1	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
S1-2	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S1-3	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S1-4	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S1-5	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S1-6	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S1-7	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S1-8	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
S12-1	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
S12-2	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S12-3	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S12-4	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S12-5	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S12-6	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S12-7	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
S12-8	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
SA-1	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
SA-2	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SA-3	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SA-4	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SA-5	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SA-6	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SA-7	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SA-8	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
SP-1	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
SP-2	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SP-3	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SP-4	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SP-5	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SP-6	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SP-7	L6	NCONC6	4/0	68.000	52.0000	30.0000	52.0000	30.0000
SP-8	L6	NCONC6	4/0	74.000	52.0000	30.0000	52.0000	30.0000
S1-1	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
S1-2	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S1-3	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S1-4	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S1-5	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S1-6	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S1-7	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S1-8	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
S12-1	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
S12-2	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S12-3	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S12-4	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S12-5	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S12-6	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S12-7	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
S12-8	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
SA-1	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
SA-2	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SA-3	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000

SPANDREL SECTION PROPERTY DATA

SPANDREL LABEL	STORY LEVEL	MATERIAL NAME	NUM OBJECTS AREA/LINE	SPANDREL LENGTH	DEPTH LEFT	THICK LEFT	DEPTH RIGHT	THICK RIGHT
SA-4	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SA-5	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SA-6	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SA-7	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SA-8	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
SP-1	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
SP-2	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SP-3	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SP-4	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SP-5	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SP-6	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SP-7	L5	NCONC6	4/0	68.000	51.0000	30.0000	51.0000	30.0000
SP-8	L5	NCONC6	4/0	74.000	51.0000	30.0000	51.0000	30.0000
S1-1	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
S1-2	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S1-3	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S1-4	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S1-5	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S1-6	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S1-7	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S1-8	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
S12-1	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
S12-2	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S12-3	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S12-4	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S12-5	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S12-6	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S12-7	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
S12-8	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
SA-1	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
SA-2	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SA-3	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SA-4	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SA-5	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SA-6	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SA-7	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SA-8	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
SP-1	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
SP-2	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SP-3	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SP-4	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000

SP-5	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SP-6	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SP-7	L4	NCONC6	4/0	68.000	92.0000	30.0000	92.0000	30.0000
SP-8	L4	NCONC6	4/0	74.000	92.0000	30.0000	92.0000	30.0000
S1-1	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
S1-2	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S1-3	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S1-4	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S1-5	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S1-6	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S1-7	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S1-8	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
S12-1	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
S12-2	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S12-3	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S12-4	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S12-5	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S12-6	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S12-7	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
S12-8	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
SA-1	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
SA-2	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SA-3	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SA-4	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SA-5	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SA-6	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SA-7	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SA-8	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
SP-1	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
SP-2	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SP-3	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SP-4	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SP-5	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SP-6	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SP-7	L3	NCONC6	4/0	68.000	75.0000	30.0000	75.0000	30.0000
SP-8	L3	NCONC6	4/0	74.000	75.0000	30.0000	75.0000	30.0000
SA-4.1	L3	NCONC6	4/0	69.000	75.0000	30.0000	75.0000	30.0000
SA-4.2	L3	NCONC6	4/0	69.000	75.0000	30.0000	75.0000	30.0000
S12-1	L2	NCONC6	4/0	74.000	74.0000	30.0000	74.0000	30.0000

SPANDREL SECTION PROPERTY DATA

SPANDREL LABEL	STORY LEVEL	MATERIAL NAME	NUM OBJECTS AREA/LINE	SPANDREL LENGTH	DEPTH LEFT	THICK LEFT	DEPTH RIGHT	THICK RIGHT
S12-2	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
S12-3	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
S12-4	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
S12-5	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
S12-6	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
S12-7	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
S12-8	L2	NCONC6	4/0	74.000	74.0000	30.0000	74.0000	30.0000
SA-1	L2	NCONC6	4/0	74.000	74.0000	30.0000	74.0000	30.0000
SA-2	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SA-3	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SA-4	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SP-1	L2	NCONC6	4/0	74.000	74.0000	30.0000	74.0000	30.0000
SP-2	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SP-3	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SP-4	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SP-5	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SP-6	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SP-7	L2	NCONC6	4/0	68.000	74.0000	30.0000	74.0000	30.0000
SP-8	L2	NCONC6	4/0	74.000	37.0000	30.0000	37.0000	30.0000
SA-4.1	L2	NCONC6	4/0	69.000	74.0000	30.0000	74.0000	30.0000
SA-4.2	L2	NCONC6	3/0	36.000	115.5000	25.6883	115.5000	25.6883

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
S1-1	RF	124.000	2157.000	2153.500	198.000	2157.000	2153.500
S1-8	RF	2505.000	2157.000	2153.500	2579.000	2157.000	2153.500
S12-1	RF	124.000	17.000	2153.500	198.000	17.000	2153.500
S12-8	RF	2505.000	17.000	2153.500	2579.000	17.000	2153.500
SA-1	RF	17.000	124.000	2153.500	17.000	198.000	2153.500
SA-8	RF	17.000	1977.000	2153.500	17.000	2051.000	2153.500
SP-1	RF	2685.000	124.000	2153.500	2685.000	198.000	2153.500
SP-8	RF	2685.000	1977.000	2153.500	2685.000	2051.000	2153.500
S1-1	L14	124.000	2157.000	2012.500	198.000	2157.000	2012.500
S1-8	L14	2505.000	2157.000	2012.500	2579.000	2157.000	2012.500
S12-1	L14	124.000	17.000	2012.500	198.000	17.000	2012.500
S12-8	L14	2505.000	17.000	2012.500	2579.000	17.000	2012.500
SA-1	L14	17.000	124.000	2012.500	17.000	198.000	2012.500
SA-8	L14	17.000	1977.000	2012.500	17.000	2051.000	2012.500
SP-1	L14	2685.000	124.000	2012.500	2685.000	198.000	2012.500
SP-8	L14	2685.000	1977.000	2012.500	2685.000	2051.000	2012.500
S1-1	L13	124.000	2157.000	1866.500	198.000	2157.000	1866.500

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
S1-8	L13	2505.000	2157.000	1866.500	2579.000	2157.000	1866.500
S12-1	L13	124.000	17.000	1866.500	198.000	17.000	1866.500
S12-8	L13	2505.000	17.000	1866.500	2579.000	17.000	1866.500
SA-1	L13	17.000	124.000	1866.500	17.000	198.000	1866.500
SA-8	L13	17.000	1977.000	1866.500	17.000	2051.000	1866.500
SP-1	L13	2685.000	124.000	1866.500	2685.000	198.000	1866.500
SP-8	L13	2685.000	1977.000	1866.500	2685.000	2051.000	1866.500
S1-1	L12	124.000	2157.000	1758.000	198.000	2157.000	1758.000
S1-8	L12	2505.000	2157.000	1758.000	2579.000	2157.000	1758.000
S12-1	L12	124.000	17.000	1758.000	198.000	17.000	1758.000
S12-8	L12	2505.000	17.000	1758.000	2579.000	17.000	1758.000
SA-1	L12	17.000	124.000	1758.000	17.000	198.000	1758.000
SA-8	L12	17.000	1977.000	1758.000	17.000	2051.000	1758.000
SP-1	L12	2685.000	124.000	1758.000	2685.000	198.000	1758.000
SP-8	L12	2685.000	1977.000	1758.000	2685.000	2051.000	1758.000
S1-1	L11	124.000	2157.000	1624.000	198.000	2157.000	1624.000
S1-2	L11	333.000	2157.000	1624.000	401.000	2157.000	1624.000
S1-3	L11	461.000	2157.000	1624.000	529.000	2157.000	1624.000
S1-4	L11	591.000	2157.000	1624.000	659.000	2157.000	1624.000
S1-5	L11	2043.000	2157.000	1624.000	2111.000	2157.000	1624.000
S1-6	L11	2174.000	2157.000	1624.000	2242.000	2157.000	1624.000
S1-7	L11	2301.000	2157.000	1624.000	2369.000	2157.000	1624.000
S1-8	L11	2505.000	2157.000	1624.000	2579.000	2157.000	1624.000
S12-1	L11	124.000	17.000	1624.000	198.000	17.000	1624.000
S12-2	L11	333.000	17.000	1624.000	401.000	17.000	1624.000
S12-3	L11	461.000	17.000	1624.000	529.000	17.000	1624.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
S12-4	L11	591.000	17.000	1624.000	659.000	17.000	1624.000
S12-5	L11	2043.000	17.000	1624.000	2111.000	17.000	1624.000
S12-6	L11	2174.000	17.000	1624.000	2242.000	17.000	1624.000
S12-7	L11	2301.000	17.000	1624.000	2369.000	17.000	1624.000
S12-8	L11	2505.000	17.000	1624.000	2579.000	17.000	1624.000
SA-1	L11	17.000	124.000	1624.000	17.000	198.000	1624.000
SA-2	L11	17.000	333.000	1624.000	17.000	401.000	1624.000
SA-3	L11	17.000	461.000	1624.000	17.000	529.000	1624.000
SA-5	L11	17.000	1515.000	1624.000	17.000	1583.000	1624.000
SA-6	L11	17.000	1646.000	1624.000	17.000	1714.000	1624.000
SA-7	L11	17.000	1773.000	1624.000	17.000	1841.000	1624.000
SA-8	L11	17.000	1977.000	1624.000	17.000	2051.000	1624.000
SP-1	L11	2685.000	124.000	1624.000	2685.000	198.000	1624.000
SP-2	L11	2685.000	333.000	1624.000	2685.000	401.000	1624.000
SP-3	L11	2685.000	461.000	1624.000	2685.000	529.000	1624.000
SP-4	L11	2685.000	591.000	1624.000	2685.000	659.000	1624.000
SP-5	L11	2685.000	1515.000	1624.000	2685.000	1583.000	1624.000
SP-6	L11	2685.000	1646.000	1624.000	2685.000	1714.000	1624.000
SP-7	L11	2685.000	1773.000	1624.000	2685.000	1841.000	1624.000
SP-8	L11	2685.000	1977.000	1624.000	2685.000	2051.000	1624.000
S1-1	L10	124.000	2157.000	1512.000	198.000	2157.000	1512.000
S1-2	L10	333.000	2157.000	1512.000	401.000	2157.000	1512.000
S1-3	L10	461.000	2157.000	1512.000	529.000	2157.000	1512.000
S1-4	L10	591.000	2157.000	1512.000	659.000	2157.000	1512.000
S1-5	L10	2043.000	2157.000	1512.000	2111.000	2157.000	1512.000
S1-6	L10	2174.000	2157.000	1512.000	2242.000	2157.000	1512.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
S1-7	L10	2301.000	2157.000	1512.000	2369.000	2157.000	1512.000
S1-8	L10	2505.000	2157.000	1512.000	2579.000	2157.000	1512.000
S12-1	L10	124.000	17.000	1512.000	198.000	17.000	1512.000
S12-2	L10	333.000	17.000	1512.000	401.000	17.000	1512.000
S12-3	L10	461.000	17.000	1512.000	529.000	17.000	1512.000
S12-4	L10	591.000	17.000	1512.000	659.000	17.000	1512.000
S12-5	L10	2043.000	17.000	1512.000	2111.000	17.000	1512.000
S12-6	L10	2174.000	17.000	1512.000	2242.000	17.000	1512.000
S12-7	L10	2301.000	17.000	1512.000	2369.000	17.000	1512.000
S12-8	L10	2505.000	17.000	1512.000	2579.000	17.000	1512.000
SA-1	L10	17.000	124.000	1512.000	17.000	198.000	1512.000
SA-2	L10	17.000	333.000	1512.000	17.000	401.000	1512.000
SA-3	L10	17.000	461.000	1512.000	17.000	529.000	1512.000
SA-5	L10	17.000	1515.000	1512.000	17.000	1583.000	1512.000
SA-6	L10	17.000	1646.000	1512.000	17.000	1714.000	1512.000
SA-7	L10	17.000	1773.000	1512.000	17.000	1841.000	1512.000
SA-8	L10	17.000	1977.000	1512.000	17.000	2051.000	1512.000
SP-1	L10	2685.000	124.000	1512.000	2685.000	198.000	1512.000
SP-2	L10	2685.000	333.000	1512.000	2685.000	401.000	1512.000
SP-3	L10	2685.000	461.000	1512.000	2685.000	529.000	1512.000
SP-4	L10	2685.000	591.000	1512.000	2685.000	659.000	1512.000
SP-5	L10	2685.000	1515.000	1512.000	2685.000	1583.000	1512.000
SP-6	L10	2685.000	1646.000	1512.000	2685.000	1714.000	1512.000
SP-7	L10	2685.000	1773.000	1512.000	2685.000	1841.000	1512.000
SP-8	L10	2685.000	1977.000	1512.000	2685.000	2051.000	1512.000
S1-1	L9	124.000	2157.000	1399.000	198.000	2157.000	1399.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
S1-2	L9	333.000	2157.000	1399.000	401.000	2157.000	1399.000
S1-3	L9	461.000	2157.000	1399.000	529.000	2157.000	1399.000
S1-4	L9	591.000	2157.000	1399.000	659.000	2157.000	1399.000
S1-5	L9	2043.000	2157.000	1399.000	2111.000	2157.000	1399.000
S1-6	L9	2174.000	2157.000	1399.000	2242.000	2157.000	1399.000
S1-7	L9	2301.000	2157.000	1399.000	2369.000	2157.000	1399.000
S1-8	L9	2505.000	2157.000	1399.000	2579.000	2157.000	1399.000
S12-1	L9	124.000	17.000	1399.000	198.000	17.000	1399.000
S12-2	L9	333.000	17.000	1399.000	401.000	17.000	1399.000
S12-3	L9	461.000	17.000	1399.000	529.000	17.000	1399.000
S12-4	L9	591.000	17.000	1399.000	659.000	17.000	1399.000
S12-5	L9	2043.000	17.000	1399.000	2111.000	17.000	1399.000
S12-6	L9	2174.000	17.000	1399.000	2242.000	17.000	1399.000
S12-7	L9	2301.000	17.000	1399.000	2369.000	17.000	1399.000
S12-8	L9	2505.000	17.000	1399.000	2579.000	17.000	1399.000
SA-1	L9	17.000	124.000	1399.000	17.000	198.000	1399.000
SA-2	L9	17.000	333.000	1399.000	17.000	401.000	1399.000
SA-3	L9	17.000	461.000	1399.000	17.000	529.000	1399.000
SA-5	L9	17.000	1515.000	1399.000	17.000	1583.000	1399.000
SA-6	L9	17.000	1646.000	1399.000	17.000	1714.000	1399.000
SA-7	L9	17.000	1773.000	1399.000	17.000	1841.000	1399.000
SA-8	L9	17.000	1977.000	1399.000	17.000	2051.000	1399.000
SP-1	L9	2685.000	124.000	1399.000	2685.000	198.000	1399.000
SP-2	L9	2685.000	333.000	1399.000	2685.000	401.000	1399.000
SP-3	L9	2685.000	439.000	1390.000	2685.000	550.000	1390.000
SP-4	L9	2685.000	591.000	1399.000	2685.000	659.000	1399.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
SP-5	L9	2685.000	1515.000	1399.000	2685.000	1583.000	1399.000
SP-6	L9	2685.000	1646.000	1399.000	2685.000	1714.000	1399.000
SP-7	L9	2685.000	1773.000	1399.000	2685.000	1841.000	1399.000
SP-8	L9	2685.000	1977.000	1399.000	2685.000	2051.000	1399.000
S1-1	L8	124.000	2157.000	1242.000	198.000	2157.000	1242.000
S1-2	L8	333.000	2157.000	1242.000	401.000	2157.000	1242.000
S1-3	L8	461.000	2157.000	1242.000	529.000	2157.000	1242.000
S1-4	L8	591.000	2157.000	1242.000	659.000	2157.000	1242.000
S1-5	L8	2043.000	2157.000	1242.000	2111.000	2157.000	1242.000
S1-6	L8	2174.000	2157.000	1242.000	2242.000	2157.000	1242.000
S1-7	L8	2301.000	2157.000	1242.000	2369.000	2157.000	1242.000
S1-8	L8	2505.000	2157.000	1242.000	2579.000	2157.000	1242.000
S12-1	L8	124.000	17.000	1242.000	198.000	17.000	1242.000
S12-2	L8	333.000	17.000	1242.000	401.000	17.000	1242.000
S12-3	L8	461.000	17.000	1242.000	529.000	17.000	1242.000
S12-4	L8	591.000	17.000	1242.000	659.000	17.000	1242.000
S12-5	L8	2043.000	17.000	1242.000	2111.000	17.000	1242.000
S12-6	L8	2174.000	17.000	1242.000	2242.000	17.000	1242.000
S12-7	L8	2301.000	17.000	1242.000	2369.000	17.000	1242.000
S12-8	L8	2505.000	17.000	1242.000	2579.000	17.000	1242.000
SA-1	L8	17.000	124.000	1242.000	17.000	198.000	1242.000
SA-2	L8	17.000	333.000	1242.000	17.000	401.000	1242.000
SA-3	L8	17.000	461.000	1242.000	17.000	529.000	1242.000
SA-4	L8	17.000	591.000	1242.000	17.000	659.000	1242.000
SA-5	L8	17.000	1515.000	1242.000	17.000	1583.000	1242.000
SA-6	L8	17.000	1646.000	1242.000	17.000	1714.000	1242.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
SA-7	L8	17.000	1773.000	1242.000	17.000	1841.000	1242.000
SA-8	L8	17.000	1977.000	1242.000	17.000	2051.000	1242.000
SP-1	L8	2685.000	124.000	1242.000	2685.000	198.000	1242.000
SP-2	L8	2685.000	333.000	1242.000	2685.000	401.000	1242.000
SP-3	L8	2685.000	439.000	1227.500	2685.000	550.000	1227.500
SP-4	L8	2685.000	591.000	1242.000	2685.000	659.000	1242.000
SP-5	L8	2685.000	1515.000	1242.000	2685.000	1583.000	1242.000
SP-6	L8	2685.000	1646.000	1242.000	2685.000	1714.000	1242.000
SP-7	L8	2685.000	1773.000	1242.000	2685.000	1841.000	1242.000
SP-8	L8	2685.000	1977.000	1242.000	2685.000	2051.000	1242.000
S1-1	L7	124.000	2157.000	1067.500	198.000	2157.000	1067.500
S1-2	L7	333.000	2157.000	1067.500	401.000	2157.000	1067.500
S1-3	L7	461.000	2157.000	1067.500	529.000	2157.000	1067.500
S1-4	L7	591.000	2157.000	1067.500	659.000	2157.000	1067.500
S1-5	L7	2043.000	2157.000	1067.500	2111.000	2157.000	1067.500
S1-6	L7	2174.000	2157.000	1067.500	2242.000	2157.000	1067.500
S1-7	L7	2301.000	2157.000	1067.500	2369.000	2157.000	1067.500
S1-8	L7	2505.000	2157.000	1067.500	2579.000	2157.000	1067.500
S12-1	L7	124.000	17.000	1067.500	198.000	17.000	1067.500
S12-2	L7	333.000	17.000	1067.500	401.000	17.000	1067.500
S12-3	L7	461.000	17.000	1067.500	529.000	17.000	1067.500
S12-4	L7	591.000	17.000	1067.500	659.000	17.000	1067.500
S12-5	L7	2043.000	17.000	1067.500	2111.000	17.000	1067.500
S12-6	L7	2174.000	17.000	1067.500	2242.000	17.000	1067.500
S12-7	L7	2301.000	17.000	1067.500	2369.000	17.000	1067.500
S12-8	L7	2505.000	17.000	1067.500	2579.000	17.000	1067.500

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
SA-1	L7	17.000	124.000	1067.500	17.000	198.000	1067.500
SA-2	L7	17.000	333.000	1067.500	17.000	401.000	1067.500
SA-3	L7	17.000	461.000	1067.500	17.000	529.000	1067.500
SA-4	L7	17.000	591.000	1067.500	17.000	659.000	1067.500
SA-5	L7	17.000	1515.000	1067.500	17.000	1583.000	1067.500
SA-6	L7	17.000	1646.000	1067.500	17.000	1714.000	1067.500
SA-7	L7	17.000	1773.000	1067.500	17.000	1841.000	1067.500
SA-8	L7	17.000	1977.000	1067.500	17.000	2051.000	1067.500
SP-1	L7	2685.000	124.000	1067.500	2685.000	198.000	1067.500
SP-2	L7	2685.000	333.000	1067.500	2685.000	401.000	1067.500
SP-3	L7	2685.000	461.000	1053.500	2685.000	529.000	1053.500
SP-4	L7	2685.000	591.000	1067.500	2685.000	659.000	1067.500
SP-5	L7	2685.000	1515.000	1067.500	2685.000	1583.000	1067.500
SP-6	L7	2685.000	1646.000	1067.500	2685.000	1714.000	1067.500
SP-7	L7	2685.000	1773.000	1067.500	2685.000	1841.000	1067.500
SP-8	L7	2685.000	1977.000	1067.500	2685.000	2051.000	1067.500
S1-1	L6	124.000	2157.000	922.000	198.000	2157.000	922.000
S1-2	L6	333.000	2157.000	922.000	401.000	2157.000	922.000
S1-3	L6	461.000	2157.000	922.000	529.000	2157.000	922.000
S1-4	L6	591.000	2157.000	922.000	659.000	2157.000	922.000
S1-5	L6	2043.000	2157.000	922.000	2111.000	2157.000	922.000
S1-6	L6	2174.000	2157.000	922.000	2242.000	2157.000	922.000
S1-7	L6	2301.000	2157.000	922.000	2369.000	2157.000	922.000
S1-8	L6	2505.000	2157.000	922.000	2579.000	2157.000	922.000
S12-1	L6	124.000	17.000	922.000	198.000	17.000	922.000
S12-2	L6	333.000	17.000	922.000	401.000	17.000	922.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
S12-3	L6	461.000	17.000	922.000	529.000	17.000	922.000
S12-4	L6	591.000	17.000	922.000	659.000	17.000	922.000
S12-5	L6	2043.000	17.000	922.000	2111.000	17.000	922.000
S12-6	L6	2174.000	17.000	922.000	2242.000	17.000	922.000
S12-7	L6	2301.000	17.000	922.000	2369.000	17.000	922.000
S12-8	L6	2505.000	17.000	922.000	2579.000	17.000	922.000
SA-1	L6	17.000	124.000	922.000	17.000	198.000	922.000
SA-2	L6	17.000	333.000	922.000	17.000	401.000	922.000
SA-3	L6	17.000	461.000	922.000	17.000	529.000	922.000
SA-4	L6	17.000	591.000	922.000	17.000	659.000	922.000
SA-5	L6	17.000	1515.000	922.000	17.000	1583.000	922.000
SA-6	L6	17.000	1646.000	922.000	17.000	1714.000	922.000
SA-7	L6	17.000	1773.000	922.000	17.000	1841.000	922.000
SA-8	L6	17.000	1977.000	922.000	17.000	2051.000	922.000
SP-1	L6	2685.000	124.000	922.000	2685.000	198.000	922.000
SP-2	L6	2685.000	333.000	922.000	2685.000	401.000	922.000
SP-3	L6	2685.000	461.000	922.000	2685.000	529.000	922.000
SP-4	L6	2685.000	591.000	922.000	2685.000	659.000	922.000
SP-5	L6	2685.000	1515.000	922.000	2685.000	1583.000	922.000
SP-6	L6	2685.000	1646.000	922.000	2685.000	1714.000	922.000
SP-7	L6	2685.000	1773.000	922.000	2685.000	1841.000	922.000
SP-8	L6	2685.000	1977.000	922.000	2685.000	2051.000	922.000
S1-1	L5	124.000	2157.000	779.500	198.000	2157.000	779.500
S1-2	L5	333.000	2157.000	779.500	401.000	2157.000	779.500
S1-3	L5	461.000	2157.000	779.500	529.000	2157.000	779.500
S1-4	L5	591.000	2157.000	779.500	659.000	2157.000	779.500

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
S1-5	L5	2043.000	2157.000	779.500	2111.000	2157.000	779.500
S1-6	L5	2174.000	2157.000	779.500	2242.000	2157.000	779.500
S1-7	L5	2301.000	2157.000	779.500	2369.000	2157.000	779.500
S1-8	L5	2505.000	2157.000	779.500	2579.000	2157.000	779.500
S12-1	L5	124.000	17.000	779.500	198.000	17.000	779.500
S12-2	L5	333.000	17.000	779.500	401.000	17.000	779.500
S12-3	L5	461.000	17.000	779.500	529.000	17.000	779.500
S12-4	L5	591.000	17.000	779.500	659.000	17.000	779.500
S12-5	L5	2043.000	17.000	779.500	2111.000	17.000	779.500
S12-6	L5	2174.000	17.000	779.500	2242.000	17.000	779.500
S12-7	L5	2301.000	17.000	779.500	2369.000	17.000	779.500
S12-8	L5	2505.000	17.000	779.500	2579.000	17.000	779.500
SA-1	L5	17.000	124.000	779.500	17.000	198.000	779.500
SA-2	L5	17.000	333.000	779.500	17.000	401.000	779.500
SA-3	L5	17.000	461.000	779.500	17.000	529.000	779.500
SA-4	L5	17.000	591.000	779.500	17.000	659.000	779.500
SA-5	L5	17.000	1515.000	779.500	17.000	1583.000	779.500
SA-6	L5	17.000	1646.000	779.500	17.000	1714.000	779.500
SA-7	L5	17.000	1773.000	779.500	17.000	1841.000	779.500
SA-8	L5	17.000	1977.000	779.500	17.000	2051.000	779.500
SP-1	L5	2685.000	124.000	779.500	2685.000	198.000	779.500
SP-2	L5	2685.000	333.000	779.500	2685.000	401.000	779.500
SP-3	L5	2685.000	461.000	779.500	2685.000	529.000	779.500
SP-4	L5	2685.000	591.000	779.500	2685.000	659.000	779.500
SP-5	L5	2685.000	1515.000	779.500	2685.000	1583.000	779.500
SP-6	L5	2685.000	1646.000	779.500	2685.000	1714.000	779.500

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
SP-7	L5	2685.000	1773.000	779.500	2685.000	1841.000	779.500
SP-8	L5	2685.000	1977.000	779.500	2685.000	2051.000	779.500
S1-1	L4	124.000	2157.000	596.000	198.000	2157.000	596.000
S1-2	L4	333.000	2157.000	596.000	401.000	2157.000	596.000
S1-3	L4	461.000	2157.000	596.000	529.000	2157.000	596.000
S1-4	L4	591.000	2157.000	596.000	659.000	2157.000	596.000
S1-5	L4	2043.000	2157.000	596.000	2111.000	2157.000	596.000
S1-6	L4	2174.000	2157.000	596.000	2242.000	2157.000	596.000
S1-7	L4	2301.000	2157.000	596.000	2369.000	2157.000	596.000
S1-8	L4	2505.000	2157.000	596.000	2579.000	2157.000	596.000
S12-1	L4	124.000	17.000	596.000	198.000	17.000	596.000
S12-2	L4	333.000	17.000	596.000	401.000	17.000	596.000
S12-3	L4	461.000	17.000	596.000	529.000	17.000	596.000
S12-4	L4	591.000	17.000	596.000	659.000	17.000	596.000
S12-5	L4	2043.000	17.000	596.000	2111.000	17.000	596.000
S12-6	L4	2174.000	17.000	596.000	2242.000	17.000	596.000
S12-7	L4	2301.000	17.000	596.000	2369.000	17.000	596.000
S12-8	L4	2505.000	17.000	596.000	2579.000	17.000	596.000
SA-1	L4	17.000	124.000	596.000	17.000	198.000	596.000
SA-2	L4	17.000	333.000	596.000	17.000	401.000	596.000
SA-3	L4	17.000	461.000	596.000	17.000	529.000	596.000
SA-4	L4	17.000	591.000	596.000	17.000	659.000	596.000
SA-5	L4	17.000	1515.000	596.000	17.000	1583.000	596.000
SA-6	L4	17.000	1646.000	596.000	17.000	1714.000	596.000
SA-7	L4	17.000	1773.000	596.000	17.000	1841.000	596.000
SA-8	L4	17.000	1977.000	596.000	17.000	2051.000	596.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
SP-1	L4	2685.000	124.000	596.000	2685.000	198.000	596.000
SP-2	L4	2685.000	333.000	596.000	2685.000	401.000	596.000
SP-3	L4	2685.000	461.000	596.000	2685.000	529.000	596.000
SP-4	L4	2685.000	591.000	596.000	2685.000	659.000	596.000
SP-5	L4	2685.000	1515.000	596.000	2685.000	1583.000	596.000
SP-6	L4	2685.000	1646.000	596.000	2685.000	1714.000	596.000
SP-7	L4	2685.000	1773.000	596.000	2685.000	1841.000	596.000
SP-8	L4	2685.000	1977.000	596.000	2685.000	2051.000	596.000
S1-1	L3	124.000	2157.000	428.500	198.000	2157.000	428.500
S1-2	L3	333.000	2157.000	428.500	401.000	2157.000	428.500
S1-3	L3	461.000	2157.000	428.500	529.000	2157.000	428.500
S1-4	L3	591.000	2157.000	428.500	659.000	2157.000	428.500
S1-5	L3	2043.000	2157.000	428.500	2111.000	2157.000	428.500
S1-6	L3	2174.000	2157.000	428.500	2242.000	2157.000	428.500
S1-7	L3	2301.000	2157.000	428.500	2369.000	2157.000	428.500
S1-8	L3	2505.000	2157.000	428.500	2579.000	2157.000	428.500
S12-1	L3	124.000	17.000	428.500	198.000	17.000	428.500
S12-2	L3	333.000	17.000	428.500	401.000	17.000	428.500
S12-3	L3	461.000	17.000	428.500	529.000	17.000	428.500
S12-4	L3	591.000	17.000	428.500	659.000	17.000	428.500
S12-5	L3	2043.000	17.000	428.500	2111.000	17.000	428.500
S12-6	L3	2174.000	17.000	428.500	2242.000	17.000	428.500
S12-7	L3	2301.000	17.000	428.500	2369.000	17.000	428.500
S12-8	L3	2505.000	17.000	428.500	2579.000	17.000	428.500
SA-1	L3	17.000	124.000	428.500	17.000	198.000	428.500
SA-2	L3	17.000	333.000	428.500	17.000	401.000	428.500

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
SA-3	L3	17.000	461.000	428.500	17.000	529.000	428.500
SA-4	L3	17.000	591.000	428.500	17.000	659.000	428.500
SA-5	L3	17.000	1515.000	428.500	17.000	1583.000	428.500
SA-6	L3	17.000	1646.000	428.500	17.000	1714.000	428.500
SA-7	L3	17.000	1773.000	428.500	17.000	1841.000	428.500
SA-8	L3	17.000	1977.000	428.500	17.000	2051.000	428.500
SP-1	L3	2685.000	124.000	428.500	2685.000	198.000	428.500
SP-2	L3	2685.000	333.000	428.500	2685.000	401.000	428.500
SP-3	L3	2685.000	461.000	428.500	2685.000	529.000	428.500
SP-4	L3	2685.000	591.000	428.500	2685.000	659.000	428.500
SP-5	L3	2685.000	1515.000	428.500	2685.000	1583.000	428.500
SP-6	L3	2685.000	1646.000	428.500	2685.000	1714.000	428.500
SP-7	L3	2685.000	1773.000	428.500	2685.000	1841.000	428.500
SP-8	L3	2685.000	1977.000	428.500	2685.000	2051.000	428.500
SA-4.1	L3	17.000	723.000	428.500	17.000	791.000	428.500
SA-4.2	L3	17.000	855.000	428.500	17.000	923.000	428.500
S12-1	L2	124.000	17.000	230.000	198.000	17.000	230.000
S12-2	L2	333.000	17.000	230.000	401.000	17.000	230.000
S12-3	L2	461.000	17.000	230.000	529.000	17.000	230.000
S12-4	L2	591.000	17.000	230.000	659.000	17.000	230.000
S12-5	L2	2043.000	17.000	230.000	2111.000	17.000	230.000
S12-6	L2	2174.000	17.000	230.000	2242.000	17.000	230.000
S12-7	L2	2301.000	17.000	230.000	2369.000	17.000	230.000
S12-8	L2	2505.000	17.000	230.000	2579.000	17.000	230.000
SA-1	L2	17.000	124.000	230.000	17.000	198.000	230.000
SA-2	L2	17.000	333.000	230.000	17.000	401.000	230.000

SPANDREL SECTION CENTROID DATA

SPANDREL LABEL	STORY LEVEL	CENTROID LEFT X	CENTROID LEFT Y	CENTROID LEFT Z	CENTROID RIGHT X	CENTROID RIGHT Y	CENTROID RIGHT Z
SA-3	L2	17.000	461.000	230.000	17.000	529.000	230.000
SA-4	L2	17.000	591.000	230.000	17.000	659.000	230.000
SP-1	L2	2685.000	124.000	230.000	2685.000	198.000	230.000
SP-2	L2	2685.000	333.000	230.000	2685.000	401.000	230.000
SP-3	L2	2685.000	461.000	230.000	2685.000	529.000	230.000
SP-4	L2	2685.000	591.000	230.000	2685.000	659.000	230.000
SP-5	L2	2685.000	1515.000	230.000	2685.000	1583.000	230.000
SP-6	L2	2685.000	1646.000	230.000	2685.000	1714.000	230.000
SP-7	L2	2685.000	1773.000	230.000	2685.000	1841.000	230.000
SP-8	L2	2685.000	1977.000	248.500	2685.000	2051.000	248.500
SA-4.1	L2	17.000	723.000	230.000	17.000	791.000	230.000
SA-4.2	L2	17.000	871.000	215.460	17.000	907.000	215.460

STATIC LOAD CASES

STATIC CASE	CASE TYPE	AUTO LAT LOAD	SELF WT MULTIPLIER
DEAD	DEAD	N/A	1.0000
LIVE	LIVE	N/A	0.0000
EQXSTAT	QUAKE	USC97	0.0000
EQYSTAT	QUAKE	USC97	0.0000
TORX	QUAKE	USER_LOAD8	0.0000
TORY	QUAKE	USER_LOAD8	0.0000
L14DIAX	QUAKE	USER_LOAD8	0.0000
L12DIAX	QUAKE	USER_LOAD8	0.0000
L10DIAX	QUAKE	USER_LOAD8	0.0000
L9DIAX	QUAKE	USER_LOAD8	0.0000
L8DIAX	QUAKE	USER_LOAD8	0.0000
L7DIAX	QUAKE	USER_LOAD8	0.0000
L6DIAX	QUAKE	USER_LOAD8	0.0000
L5DIAX	QUAKE	USER_LOAD8	0.0000
L4DIAX	QUAKE	USER_LOAD8	0.0000
L3DIAX	QUAKE	USER_LOAD8	0.0000
L2DIAX	QUAKE	USER_LOAD8	0.0000
L14DIAY	QUAKE	USER_LOAD8	0.0000
L12DIAY	QUAKE	USER_LOAD8	0.0000
L10DIAY	QUAKE	USER_LOAD8	0.0000
L9DIAY	QUAKE	USER_LOAD8	0.0000
L8DIAY	QUAKE	USER_LOAD8	0.0000
L7DIAY	QUAKE	USER_LOAD8	0.0000
L6DIAY	QUAKE	USER_LOAD8	0.0000
L5DIAY	QUAKE	USER_LOAD8	0.0000
L4DIAY	QUAKE	USER_LOAD8	0.0000
L3DIAY	QUAKE	USER_LOAD8	0.0000
L2DIAY	QUAKE	USER_LOAD8	0.0000
L14TX	QUAKE	USER_LOAD8	0.0000
L12TX	QUAKE	USER_LOAD8	0.0000
L10TX	QUAKE	USER_LOAD8	0.0000
L9TX	QUAKE	USER_LOAD8	0.0000
L8TX	QUAKE	USER_LOAD8	0.0000
L7TX	QUAKE	USER_LOAD8	0.0000
L6TX	QUAKE	USER_LOAD8	0.0000
L5TX	QUAKE	USER_LOAD8	0.0000
L4TX	QUAKE	USER_LOAD8	0.0000
L3TX	QUAKE	USER_LOAD8	0.0000
L2TX	QUAKE	USER_LOAD8	0.0000
L14TY	QUAKE	USER_LOAD8	0.0000
L12TY	QUAKE	USER_LOAD8	0.0000
L10TY	QUAKE	USER_LOAD8	0.0000
L9TY	QUAKE	USER_LOAD8	0.0000
L8TY	QUAKE	USER_LOAD8	0.0000
L7TY	QUAKE	USER_LOAD8	0.0000
L6TY	QUAKE	USER_LOAD8	0.0000
L5TY	QUAKE	USER_LOAD8	0.0000
L4TY	QUAKE	USER_LOAD8	0.0000
L3TY	QUAKE	USER_LOAD8	0.0000
L2TY	QUAKE	USER_LOAD8	0.0000
SOIL	OTHER	N/A	0.0000
SOILX1	OTHER	N/A	0.0000
SOILX2	OTHER	N/A	0.0000
SOILY1	OTHER	N/A	0.0000
SOILY2	OTHER	N/A	0.0000

RESPONSE SPECTRUM CASES

RESP SPEC CASE: SPECX

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0000

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	SITE	386.4000
U2	----	N/A
U3	----	N/A

RESP SPEC CASE: SPECY

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0000

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	SITE	386.4000
U3	----	N/A

RESP SPEC CASE: USCX

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	USC97	386.4000
U2	----	N/A
U3	----	N/A

RESP SPEC CASE: USCY

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	USC97	386.4000
U3	----	N/A

RESPONSE SPECTRUM CASES

RESP SPEC CASE: SPECXT

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	SITE	386.4000
U2	----	N/A
U3	----	N/A

RESP SPEC CASE: SPECYT

BASIC RESPONSE SPECTRUM DATA

MODAL COMBO	DIRECTION COMBO	MODAL DAMPING	SPECTRUM ANGLE	TYPICAL ECCEN
CQC	SRSS	0.0500	0.0000	0.0500

RESPONSE SPECTRUM FUNCTION ASSIGNMENT DATA

DIRECTION	FUNCTION	SCALE FACT
U1	----	N/A
U2	SITE	386.4000
U3	----	N/A

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
DX	ADD	SPECX	Spectra	0.5367
DY	ADD	SPECY	Spectra	0.5383
SW1A	ADD	DEAD	Static	1.4000
		SOIL	Static	1.4000
		DX	Combo	0.8000
		TORX	Static	0.8000
		SOILX1	Static	1.6000
SW1B	ADD	DEAD	Static	1.4000
		SOIL	Static	1.6000
		DX	Combo	0.8000
		TORX	Static	-0.8000
		SOILX1	Static	1.6000
SW1C	ADD	DEAD	Static	1.4000
		SOIL	Static	1.6000
		DX	Combo	-0.8000
		TORX	Static	0.8000
		SOILX2	Static	1.6000
SW1D	ADD	DEAD	Static	1.4000
		SOIL	Static	1.6000
		DX	Combo	-0.8000
		TORX	Static	-0.8000
		SOILX2	Static	1.6000
SW2A	ADD	DEAD	Static	1.4000
		SOIL	Static	1.6000
		DY	Combo	0.8000
		TORY	Static	0.8000
		SOILY1	Static	1.6000
SW2B	ADD	DEAD	Static	1.4000
		SOIL	Static	1.6000
		DY	Combo	0.8000
		TORY	Static	-0.8000
		SOILY1	Static	1.6000
SW2C	ADD	DEAD	Static	1.4000
		SOIL	Static	1.6000
		DY	Combo	-0.8000
		TORY	Static	0.8000
		SOILY2	Static	1.6000
SW2D	ADD	DEAD	Static	1.4000
		SOIL	Static	1.4000
		DY	Combo	-0.8000
		TORY	Static	-0.8000
		SOILY2	Static	1.6000
COMB1A	ABS	SOIL	Static	1.6000
		DX	Combo	0.8000
		TORX	Static	0.8000
		SOILX1	Static	1.6000
COMB1B	ABS	SOIL	Static	1.6000
		DX	Combo	0.8000
		TORX	Static	0.8000
		SOILX2	Static	1.6000
COMB2A	ABS	SOIL	Static	1.6000
		DY	Combo	0.8000
		TORY	Static	0.8000
		SOILY1	Static	1.6000
COMB2B	ABS	SOIL	Static	1.6000
		DY	Combo	0.8000
		TORY	Static	0.8000
		SOILY2	Static	1.6000

SUPPORT (RESTRAINT) DATA

STORY	POINT	RESTRAINED DOF's UX	UY	UZ	RX	RY	RZ
BASE	23	Yes	Yes	Yes			
BASE	27	Yes	Yes	Yes			
BASE	32	Yes	Yes	Yes			
BASE	36	Yes	Yes	Yes			
BASE	40	Yes	Yes	Yes			
BASE	46	Yes	Yes	Yes			
BASE	52	Yes	Yes	Yes			
BASE	58	Yes	Yes	Yes			
BASE	64	Yes	Yes	Yes			
BASE	70	Yes	Yes	Yes			
BASE	74	Yes	Yes	Yes			
BASE	78	Yes	Yes	Yes			
BASE	83	Yes	Yes	Yes			
BASE	97	Yes	Yes	Yes			
BASE	102	Yes	Yes	Yes			
BASE	120	Yes	Yes	Yes			
BASE	141	Yes	Yes	Yes			
BASE	159	Yes	Yes	Yes			
BASE	170	Yes	Yes	Yes			
BASE	209	Yes	Yes	Yes			
BASE	230	Yes	Yes	Yes			
BASE	250	Yes	Yes	Yes			
BASE	265	Yes	Yes	Yes			
BASE	302	Yes	Yes	Yes			
BASE	320	Yes	Yes	Yes			
BASE	379	Yes	Yes	Yes			
BASE	398	Yes	Yes	Yes			
BASE	454	Yes	Yes	Yes			
BASE	473	Yes	Yes	Yes			
BASE	490	Yes	Yes	Yes			
BASE	529	Yes	Yes	Yes			
BASE	538	Yes	Yes	Yes			
BASE	556	Yes	Yes	Yes			
BASE	573	Yes	Yes	Yes			
BASE	591	Yes	Yes	Yes			
BASE	609	Yes	Yes	Yes			
BASE	613	Yes	Yes	Yes			
BASE	618	Yes	Yes	Yes			
BASE	622	Yes	Yes	Yes			
BASE	626	Yes	Yes	Yes			
BASE	632	Yes	Yes	Yes			
BASE	635	Yes	Yes	Yes			
BASE	638	Yes	Yes	Yes			
BASE	644	Yes	Yes	Yes			
BASE	647	Yes	Yes	Yes			
BASE	650	Yes	Yes	Yes			
BASE	655	Yes	Yes	Yes			
BASE	659	Yes	Yes	Yes			
BASE	663	Yes	Yes	Yes			
BASE	668	Yes	Yes	Yes			
BASE	672	Yes	Yes	Yes			

POINT MASS ASSIGNMENTS

STORY	POINT	MASSX	MASSY	MASSZ	MMIXX	MMIYY	MMIZZ
L14	32	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	36	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	40	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	43	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	46	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	49	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	52	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	55	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	58	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	61	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	64	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	67	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	70	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	74	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	78	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	141	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	159	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	170	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	209	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	230	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	250	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	265	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	284	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	302	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	320	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	341	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	360	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	379	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	398	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	420	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	439	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	454	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	473	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	490	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	529	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	538	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	556	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	618	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	622	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	626	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	629	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	632	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	635	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	638	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	641	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	644	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	647	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	650	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	652	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	655	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	659	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L14	663	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	32	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	36	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	40	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	43	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	46	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	49	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	52	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	55	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	58	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	61	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	64	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	67	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	70	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	74	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	78	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	141	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	159	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	170	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	209	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	230	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	250	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	265	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	284	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	302	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	320	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	341	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	360	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	379	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	398	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000

POINT MASS ASSIGNMENTS

STORY	POINT	MASSX	MASSY	MASSZ	MMIXX	MMIYY	MMIZZ
L10	420	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	439	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	454	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	473	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	490	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	529	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	538	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	556	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	618	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	622	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	626	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	629	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	632	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	635	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	638	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	641	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	644	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	647	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	650	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	652	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	655	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	659	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000
L10	663	0.0398	0.0398	0.0000	0.0000	0.0000	0.0000

FRAME SECTION ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	SECTION TYPE	AUTO SELECT SECTION	ANALYSIS SECTION	DESIGN PROCEDURE	DESIGN SECTION
L2	B1	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B2	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B3	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B4	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B5	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B6	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B7	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B8	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B9	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B10	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B11	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B12	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B13	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B14	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B15	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B16	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B17	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B18	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B19	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B20	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B21	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B22	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B23	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B24	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B25	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L2	B26	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B1	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B2	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B3	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B4	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B5	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B6	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B7	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B8	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B9	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B10	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B11	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B12	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B13	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B14	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B15	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B16	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B17	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B18	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B19	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B20	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B21	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B22	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B23	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B24	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B25	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B26	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B39	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B40	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B41	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B42	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B43	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B44	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B45	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B46	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B47	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B48	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B49	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B50	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B51	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B52	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B53	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B54	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B55	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B56	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B57	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B58	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B59	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B60	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B61	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B62	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B63	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12
L1	B64	Beam	I/Wide Flange	None	W10X12	Steel Frame	W10X12

RELEASE ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	P	V2	V3	T	M2	M3
L2	B1	Beam	None	None	None	I-end	Both ends	Both ends
L2	B2	Beam	None	None	None	I-end	Both ends	Both ends
L2	B3	Beam	None	None	None	I-end	Both ends	Both ends
L2	B4	Beam	None	None	None	I-end	Both ends	Both ends
L2	B5	Beam	None	None	None	I-end	Both ends	Both ends
L2	B6	Beam	None	None	None	I-end	Both ends	Both ends
L2	B7	Beam	None	None	None	I-end	Both ends	Both ends
L2	B8	Beam	None	None	None	I-end	Both ends	Both ends
L2	B9	Beam	None	None	None	I-end	Both ends	Both ends
L2	B10	Beam	None	None	None	I-end	Both ends	Both ends
L2	B11	Beam	None	None	None	I-end	Both ends	Both ends
L2	B12	Beam	None	None	None	I-end	Both ends	Both ends
L2	B13	Beam	None	None	None	I-end	Both ends	Both ends
L2	B14	Beam	None	None	None	I-end	Both ends	Both ends
L2	B15	Beam	None	None	None	I-end	Both ends	Both ends
L2	B16	Beam	None	None	None	I-end	Both ends	Both ends
L2	B17	Beam	None	None	None	I-end	Both ends	Both ends
L2	B18	Beam	None	None	None	I-end	Both ends	Both ends
L2	B19	Beam	None	None	None	I-end	Both ends	Both ends
L2	B20	Beam	None	None	None	I-end	Both ends	Both ends
L2	B21	Beam	None	None	None	I-end	Both ends	Both ends
L2	B22	Beam	None	None	None	I-end	Both ends	Both ends
L2	B23	Beam	None	None	None	I-end	Both ends	Both ends
L2	B24	Beam	None	None	None	I-end	Both ends	Both ends
L2	B25	Beam	None	None	None	I-end	Both ends	Both ends
L2	B26	Beam	None	None	None	I-end	Both ends	Both ends
L1	B1	Beam	None	None	None	I-end	Both ends	Both ends
L1	B2	Beam	None	None	None	I-end	Both ends	Both ends
L1	B3	Beam	None	None	None	I-end	Both ends	Both ends
L1	B4	Beam	None	None	None	I-end	Both ends	Both ends
L1	B5	Beam	None	None	None	I-end	Both ends	Both ends
L1	B6	Beam	None	None	None	I-end	Both ends	Both ends
L1	B7	Beam	None	None	None	I-end	Both ends	Both ends
L1	B8	Beam	None	None	None	I-end	Both ends	Both ends
L1	B9	Beam	None	None	None	I-end	Both ends	Both ends
L1	B10	Beam	None	None	None	I-end	Both ends	Both ends
L1	B11	Beam	None	None	None	I-end	Both ends	Both ends
L1	B12	Beam	None	None	None	I-end	Both ends	Both ends
L1	B13	Beam	None	None	None	I-end	Both ends	Both ends
L1	B14	Beam	None	None	None	I-end	Both ends	Both ends
L1	B15	Beam	None	None	None	I-end	Both ends	Both ends
L1	B16	Beam	None	None	None	I-end	Both ends	Both ends
L1	B17	Beam	None	None	None	I-end	Both ends	Both ends
L1	B18	Beam	None	None	None	I-end	Both ends	Both ends
L1	B19	Beam	None	None	None	I-end	Both ends	Both ends
L1	B20	Beam	None	None	None	I-end	Both ends	Both ends
L1	B21	Beam	None	None	None	I-end	Both ends	Both ends
L1	B22	Beam	None	None	None	I-end	Both ends	Both ends
L1	B23	Beam	None	None	None	I-end	Both ends	Both ends
L1	B24	Beam	None	None	None	I-end	Both ends	Both ends
L1	B25	Beam	None	None	None	I-end	Both ends	Both ends
L1	B26	Beam	None	None	None	I-end	Both ends	Both ends
L1	B39	Beam	None	None	None	I-end	Both ends	Both ends
L1	B40	Beam	None	None	None	I-end	Both ends	Both ends
L1	B41	Beam	None	None	None	I-end	Both ends	Both ends
L1	B42	Beam	None	None	None	I-end	Both ends	Both ends
L1	B43	Beam	None	None	None	I-end	Both ends	Both ends
L1	B44	Beam	None	None	None	I-end	Both ends	Both ends
L1	B45	Beam	None	None	None	I-end	Both ends	Both ends
L1	B46	Beam	None	None	None	I-end	Both ends	Both ends
L1	B47	Beam	None	None	None	I-end	Both ends	Both ends
L1	B48	Beam	None	None	None	I-end	Both ends	Both ends
L1	B49	Beam	None	None	None	I-end	Both ends	Both ends
L1	B50	Beam	None	None	None	I-end	Both ends	Both ends
L1	B51	Beam	None	None	None	I-end	Both ends	Both ends
L1	B52	Beam	None	None	None	I-end	Both ends	Both ends
L1	B53	Beam	None	None	None	I-end	Both ends	Both ends
L1	B54	Beam	None	None	None	I-end	Both ends	Both ends
L1	B55	Beam	None	None	None	I-end	Both ends	Both ends
L1	B56	Beam	None	None	None	I-end	Both ends	Both ends
L1	B57	Beam	None	None	None	I-end	Both ends	Both ends
L1	B58	Beam	None	None	None	I-end	Both ends	Both ends
L1	B59	Beam	None	None	None	I-end	Both ends	Both ends
L1	B60	Beam	None	None	None	I-end	Both ends	Both ends
L1	B61	Beam	None	None	None	I-end	Both ends	Both ends
L1	B62	Beam	None	None	None	I-end	Both ends	Both ends
L1	B63	Beam	None	None	None	I-end	Both ends	Both ends
L1	B64	Beam	None	None	None	I-end	Both ends	Both ends

LOCAL AXES ASSIGNMENTS TO LINE OBJECTS

STORY	LINE	LINETYPE	ANGLE
L2	B1	Beam	0.0000
L2	B2	Beam	0.0000
L2	B3	Beam	0.0000
L2	B4	Beam	0.0000
L2	B5	Beam	0.0000
L2	B6	Beam	0.0000
L2	B7	Beam	0.0000
L2	B8	Beam	0.0000
L2	B9	Beam	0.0000
L2	B10	Beam	0.0000
L2	B11	Beam	0.0000
L2	B12	Beam	0.0000
L2	B13	Beam	0.0000
L2	B14	Beam	0.0000
L2	B15	Beam	0.0000
L2	B16	Beam	0.0000
L2	B17	Beam	0.0000
L2	B18	Beam	0.0000
L2	B19	Beam	0.0000
L2	B20	Beam	0.0000
L2	B21	Beam	0.0000
L2	B22	Beam	0.0000
L2	B23	Beam	0.0000
L2	B24	Beam	0.0000
L2	B25	Beam	0.0000
L2	B26	Beam	0.0000
L1	B1	Beam	0.0000
L1	B2	Beam	0.0000
L1	B3	Beam	0.0000
L1	B4	Beam	0.0000
L1	B5	Beam	0.0000
L1	B6	Beam	0.0000
L1	B7	Beam	0.0000
L1	B8	Beam	0.0000
L1	B9	Beam	0.0000
L1	B10	Beam	0.0000
L1	B11	Beam	0.0000
L1	B12	Beam	0.0000
L1	B13	Beam	0.0000
L1	B14	Beam	0.0000
L1	B15	Beam	0.0000
L1	B16	Beam	0.0000
L1	B17	Beam	0.0000
L1	B18	Beam	0.0000
L1	B19	Beam	0.0000
L1	B20	Beam	0.0000
L1	B21	Beam	0.0000
L1	B22	Beam	0.0000
L1	B23	Beam	0.0000
L1	B24	Beam	0.0000
L1	B25	Beam	0.0000
L1	B26	Beam	0.0000
L1	B39	Beam	0.0000
L1	B40	Beam	0.0000
L1	B41	Beam	0.0000
L1	B42	Beam	0.0000
L1	B43	Beam	0.0000
L1	B44	Beam	0.0000
L1	B45	Beam	0.0000
L1	B46	Beam	0.0000
L1	B47	Beam	0.0000
L1	B48	Beam	0.0000
L1	B49	Beam	0.0000
L1	B50	Beam	0.0000
L1	B51	Beam	0.0000
L1	B52	Beam	0.0000
L1	B53	Beam	0.0000
L1	B54	Beam	0.0000
L1	B55	Beam	0.0000
L1	B56	Beam	0.0000
L1	B57	Beam	0.0000
L1	B58	Beam	0.0000
L1	B59	Beam	0.0000
L1	B60	Beam	0.0000
L1	B61	Beam	0.0000
L1	B62	Beam	0.0000
L1	B63	Beam	0.0000
L1	B64	Beam	0.0000
RF	L1	Null	0.0000
RF	L29	Null	0.0000
RF	L44	Null	0.0000

LOCAL AXES ASSIGNMENTS TO LINE OBJECTS

STORY	LINE	LINETYPE	ANGLE
RF	L45	Null	0.0000
RF	L46	Null	0.0000
RF	L53	Null	0.0000
RF	L54	Null	0.0000
RF	L57	Null	0.0000
RF	L61	Null	0.0000
RF	L63	Null	0.0000
RF	L64	Null	0.0000
RF	L65	Null	0.0000
RF	L66	Null	0.0000
RF	L67	Null	0.0000
RF	L69	Null	0.0000
RF	L70	Null	0.0000
RF	L73	Null	0.0000
RF	L75	Null	0.0000
RF	L76	Null	0.0000
RF	L78	Null	0.0000
RF	L80	Null	0.0000
RF	L81	Null	0.0000
RF	L83	Null	0.0000
RF	L88	Null	0.0000
RF	L89	Null	0.0000
RF	L90	Null	0.0000
RF	L91	Null	0.0000
RF	L103	Null	0.0000
RF	L135	Null	0.0000
L14	L1	Null	0.0000
L14	L44	Null	0.0000
L14	L45	Null	0.0000
L14	L53	Null	0.0000
L14	L57	Null	0.0000
L14	L61	Null	0.0000
L14	L64	Null	0.0000
L14	L65	Null	0.0000
L14	L66	Null	0.0000
L14	L67	Null	0.0000
L14	L70	Null	0.0000
L14	L76	Null	0.0000
L14	L81	Null	0.0000
L14	L88	Null	0.0000
L14	L91	Null	0.0000
L14	L135	Null	0.0000
L12	L1	Null	0.0000
L12	L44	Null	0.0000
L12	L45	Null	0.0000
L12	L53	Null	0.0000
L12	L57	Null	0.0000
L12	L61	Null	0.0000
L12	L64	Null	0.0000
L12	L65	Null	0.0000
L12	L66	Null	0.0000
L12	L67	Null	0.0000
L12	L70	Null	0.0000
L12	L76	Null	0.0000
L12	L81	Null	0.0000
L12	L88	Null	0.0000
L12	L91	Null	0.0000
L12	L135	Null	0.0000
L10	L1	Null	0.0000
L10	L32	Null	0.0000
L10	L33	Null	0.0000
L10	L38	Null	0.0000
L10	L44	Null	0.0000
L10	L45	Null	0.0000
L10	L51	Null	0.0000
L10	L53	Null	0.0000
L10	L57	Null	0.0000
L10	L59	Null	0.0000
L10	L61	Null	0.0000
L10	L64	Null	0.0000
L10	L65	Null	0.0000
L10	L66	Null	0.0000
L10	L67	Null	0.0000
L10	L70	Null	0.0000
L10	L73	Null	0.0000
L10	L76	Null	0.0000
L10	L81	Null	0.0000
L10	L88	Null	0.0000
L10	L91	Null	0.0000
L10	L135	Null	0.0000
L9	L1	Null	0.0000

LOCAL AXES ASSIGNMENTS TO LINE OBJECTS

STORY	LINE	LINETYPE	ANGLE
L9	L32	Null	0.0000
L9	L33	Null	0.0000
L9	L38	Null	0.0000
L9	L44	Null	0.0000
L9	L45	Null	0.0000
L9	L51	Null	0.0000
L9	L53	Null	0.0000
L9	L57	Null	0.0000
L9	L59	Null	0.0000
L9	L61	Null	0.0000
L9	L64	Null	0.0000
L9	L65	Null	0.0000
L9	L66	Null	0.0000
L9	L67	Null	0.0000
L9	L70	Null	0.0000
L9	L72	Null	0.0000
L9	L76	Null	0.0000
L9	L81	Null	0.0000
L9	L88	Null	0.0000
L9	L91	Null	0.0000
L9	L135	Null	0.0000
L8	L1	Null	0.0000
L8	L32	Null	0.0000
L8	L33	Null	0.0000
L8	L38	Null	0.0000
L8	L44	Null	0.0000
L8	L45	Null	0.0000
L8	L51	Null	0.0000
L8	L53	Null	0.0000
L8	L57	Null	0.0000
L8	L59	Null	0.0000
L8	L61	Null	0.0000
L8	L64	Null	0.0000
L8	L65	Null	0.0000
L8	L66	Null	0.0000
L8	L67	Null	0.0000
L8	L70	Null	0.0000
L8	L72	Null	0.0000
L8	L76	Null	0.0000
L8	L81	Null	0.0000
L8	L88	Null	0.0000
L8	L91	Null	0.0000
L8	L135	Null	0.0000
L7	L1	Null	0.0000
L7	L44	Null	0.0000
L7	L45	Null	0.0000
L7	L53	Null	0.0000
L7	L57	Null	0.0000
L7	L61	Null	0.0000
L7	L64	Null	0.0000
L7	L65	Null	0.0000
L7	L66	Null	0.0000
L7	L67	Null	0.0000
L7	L70	Null	0.0000
L7	L76	Null	0.0000
L7	L81	Null	0.0000
L7	L88	Null	0.0000
L7	L91	Null	0.0000
L7	L135	Null	0.0000
L6	L1	Null	0.0000
L6	L44	Null	0.0000
L6	L45	Null	0.0000
L6	L53	Null	0.0000
L6	L57	Null	0.0000
L6	L61	Null	0.0000
L6	L64	Null	0.0000
L6	L65	Null	0.0000
L6	L66	Null	0.0000
L6	L67	Null	0.0000
L6	L70	Null	0.0000
L6	L76	Null	0.0000
L6	L81	Null	0.0000
L6	L88	Null	0.0000
L6	L91	Null	0.0000
L6	L135	Null	0.0000
L5	L1	Null	0.0000
L5	L44	Null	0.0000
L5	L45	Null	0.0000
L5	L53	Null	0.0000
L5	L57	Null	0.0000
L5	L61	Null	0.0000

LOCAL AXES ASSIGNMENTS TO LINE OBJECTS

STORY	LINE	LINETYPE	ANGLE
L5	L64	Null	0.0000
L5	L65	Null	0.0000
L5	L66	Null	0.0000
L5	L67	Null	0.0000
L5	L70	Null	0.0000
L5	L76	Null	0.0000
L5	L81	Null	0.0000
L5	L88	Null	0.0000
L5	L91	Null	0.0000
L5	L135	Null	0.0000
L4	L1	Null	0.0000
L4	L44	Null	0.0000
L4	L45	Null	0.0000
L4	L53	Null	0.0000
L4	L57	Null	0.0000
L4	L61	Null	0.0000
L4	L64	Null	0.0000
L4	L65	Null	0.0000
L4	L66	Null	0.0000
L4	L67	Null	0.0000
L4	L70	Null	0.0000
L4	L76	Null	0.0000
L4	L81	Null	0.0000
L4	L88	Null	0.0000
L4	L91	Null	0.0000
L4	L135	Null	0.0000
L3	L1	Null	0.0000
L3	L44	Null	0.0000
L3	L45	Null	0.0000
L3	L53	Null	0.0000
L3	L57	Null	0.0000
L3	L61	Null	0.0000
L3	L64	Null	0.0000
L3	L65	Null	0.0000
L3	L66	Null	0.0000
L3	L67	Null	0.0000
L3	L70	Null	0.0000
L3	L76	Null	0.0000
L3	L81	Null	0.0000
L3	L88	Null	0.0000
L3	L91	Null	0.0000
L3	L135	Null	0.0000
L2	L1	Null	0.0000
L2	L44	Null	0.0000
L2	L45	Null	0.0000
L2	L53	Null	0.0000
L2	L57	Null	0.0000
L2	L61	Null	0.0000
L2	L64	Null	0.0000
L2	L65	Null	0.0000
L2	L66	Null	0.0000
L2	L67	Null	0.0000
L2	L70	Null	0.0000
L2	L76	Null	0.0000
L2	L81	Null	0.0000
L2	L88	Null	0.0000
L2	L91	Null	0.0000
L2	L136	Null	0.0000
L2	L137	Null	0.0000
L2	L138	Null	0.0000
L2	L139	Null	0.0000
L2	L140	Null	0.0000

LINE MASS ASSIGNMENTS
(LINE MASS IS A MASS PER UNIT LENGTH)

STORY	LINE	LINETYPE	MASS
RF	L1	Null	4.2361E-04
RF	L29	Null	1.0417E-04
RF	L44	Null	2.4861E-04
RF	L45	Null	2.4861E-04
RF	L46	Null	1.1806E-04
RF	L53	Null	2.2222E-04
RF	L54	Null	1.1806E-04
RF	L57	Null	2.2222E-04
RF	L61	Null	4.2361E-04
RF	L63	Null	1.0417E-04
RF	L64	Null	2.5556E-04
RF	L65	Null	2.4861E-04
RF	L66	Null	2.4861E-04
RF	L67	Null	2.4861E-04
RF	L68	Null	1.0417E-04
RF	L70	Null	4.2361E-04
RF	L73	Null	6.4583E-05
RF	L75	Null	6.4583E-05
RF	L76	Null	2.2222E-04
RF	L78	Null	6.4583E-05
RF	L80	Null	6.4583E-05
RF	L81	Null	2.2222E-04
RF	L82	Null	1.8264E-04
RF	L88	Null	2.4861E-04
RF	L89	Null	1.1806E-04
RF	L90	Null	6.4583E-05
RF	L91	Null	2.4861E-04
RF	L100	Null	1.0417E-04
RF	L135	Null	4.2361E-04
L14	L1	Null	6.7361E-04
L14	L44	Null	3.9236E-04
L14	L45	Null	3.9236E-04
L14	L53	Null	3.1875E-04
L14	L57	Null	2.1875E-04
L14	L61	Null	6.7361E-04
L14	L64	Null	4.2014E-04
L14	L65	Null	3.9236E-04
L14	L66	Null	3.9236E-04
L14	L67	Null	3.9236E-04
L14	L70	Null	6.7361E-04
L14	L76	Null	2.1875E-04
L14	L81	Null	2.1875E-04
L14	L88	Null	3.9236E-04
L14	L91	Null	3.9236E-04
L14	L135	Null	6.7361E-04
L12	L1	Null	5.1042E-04
L12	L44	Null	4.0278E-04
L12	L45	Null	4.0278E-04
L12	L53	Null	2.3611E-04
L12	L57	Null	2.3611E-04
L12	L61	Null	5.1042E-04
L12	L64	Null	4.3056E-04
L12	L65	Null	4.0278E-04
L12	L66	Null	4.0278E-04
L12	L67	Null	4.0278E-04
L12	L70	Null	5.1042E-04
L12	L76	Null	2.3611E-04
L12	L81	Null	2.3611E-04
L12	L88	Null	4.0278E-04
L12	L91	Null	4.0278E-04
L12	L135	Null	5.1042E-04
L10	L1	Null	5.4514E-04
L10	L32	Null	3.3333E-05
L10	L33	Null	3.3333E-05
L10	L38	Null	3.3333E-05
L10	L44	Null	3.2986E-04
L10	L45	Null	3.2986E-04
L10	L51	Null	3.3333E-05
L10	L53	Null	1.8403E-04
L10	L57	Null	1.8403E-04
L10	L59	Null	3.3333E-05
L10	L61	Null	5.4514E-04
L10	L64	Null	3.3691E-04
L10	L65	Null	3.2292E-04
L10	L66	Null	3.1597E-04
L10	L67	Null	3.1597E-04
L10	L70	Null	5.4514E-04
L10	L72	Null	3.3333E-05
L10	L76	Null	1.8403E-04
L10	L81	Null	1.8403E-04

LINE MASS ASSIGNMENTS
(LINE MASS IS A MASS PER UNIT LENGTH)

STORY	LINE	LINETYPE	MASS
L10	L88	Null	3.1597E-04
L10	L91	Null	3.1597E-04
L10	L135	Null	5.4514E-04
L9	L1	Null	4.8611E-04
L9	L32	Null	7.0833E-05
L9	L33	Null	7.0833E-05
L9	L38	Null	7.0833E-05
L9	L44	Null	2.7083E-04
L9	L45	Null	2.7083E-04
L9	L51	Null	7.0833E-05
L9	L53	Null	1.4583E-04
L9	L57	Null	1.4583E-04
L9	L59	Null	7.0833E-05
L9	L61	Null	4.8611E-04
L9	L64	Null	2.6389E-04
L9	L65	Null	2.6389E-04
L9	L66	Null	2.5000E-04
L9	L67	Null	2.5000E-04
L9	L70	Null	4.8611E-04
L9	L72	Null	7.0833E-05
L9	L76	Null	1.4583E-04
L9	L81	Null	1.4583E-04
L9	L88	Null	2.5000E-04
L9	L91	Null	2.5000E-04
L9	L135	Null	4.8611E-04
L8	L1	Null	5.3472E-04
L8	L32	Null	3.7500E-05
L8	L33	Null	3.7500E-05
L8	L38	Null	3.7500E-05
L8	L44	Null	3.3333E-04
L8	L45	Null	3.3333E-04
L8	L51	Null	3.7500E-05
L8	L53	Null	1.7361E-04
L8	L57	Null	1.7361E-04
L8	L59	Null	3.7500E-05
L8	L61	Null	5.3472E-04
L8	L64	Null	3.2639E-04
L8	L65	Null	3.2639E-04
L8	L66	Null	3.1944E-04
L8	L67	Null	3.1944E-04
L8	L70	Null	5.3472E-04
L8	L72	Null	3.7500E-05
L8	L76	Null	1.7361E-04
L8	L81	Null	1.7361E-04
L8	L88	Null	3.1944E-04
L8	L91	Null	3.1944E-04
L8	L135	Null	5.3472E-04
L7	L1	Null	5.3472E-04
L7	L44	Null	3.2639E-04
L7	L45	Null	3.2639E-04
L7	L53	Null	1.6667E-04
L7	L57	Null	1.6667E-04
L7	L61	Null	5.3472E-04
L7	L64	Null	3.1944E-04
L7	L65	Null	3.1944E-04
L7	L66	Null	3.1250E-04
L7	L67	Null	3.1250E-04
L7	L70	Null	5.3472E-04
L7	L76	Null	1.6667E-04
L7	L81	Null	1.6667E-04
L7	L88	Null	3.1250E-04
L7	L91	Null	3.1250E-04
L7	L135	Null	5.3472E-04
L6	L1	Null	4.3750E-04
L6	L44	Null	2.7778E-04
L6	L45	Null	2.7778E-04
L6	L53	Null	1.4583E-04
L6	L57	Null	1.4583E-04
L6	L61	Null	4.3750E-04
L6	L64	Null	2.7083E-04
L6	L65	Null	2.6389E-04
L6	L66	Null	2.5694E-04
L6	L67	Null	2.5694E-04
L6	L70	Null	4.3750E-04
L6	L76	Null	1.4583E-04
L6	L81	Null	1.4583E-04
L6	L88	Null	2.5694E-04
L6	L91	Null	2.5694E-04
L6	L135	Null	4.3750E-04
L5	L1	Null	4.5833E-04

LINE MASS ASSIGNMENTS
(LINE MASS IS A MASS PER UNIT LENGTH)

STORY	LINE	LINETYPE	MASS
L5	L44	Null	2.9861E-04
L5	L45	Null	2.9861E-04
L5	L53	Null	1.5278E-04
L5	L57	Null	1.5278E-04
L5	L61	Null	4.5833E-04
L5	L64	Null	2.9167E-04
L5	L65	Null	2.8472E-04
L5	L66	Null	2.7778E-04
L5	L67	Null	2.7778E-04
L5	L70	Null	4.5833E-04
L5	L76	Null	1.5278E-04
L5	L81	Null	1.5278E-04
L5	L88	Null	2.7778E-04
L5	L91	Null	2.7778E-04
L5	L135	Null	4.5833E-04
L4	L1	Null	4.9306E-04
L4	L44	Null	3.4028E-04
L4	L45	Null	3.4028E-04
L4	L53	Null	1.7361E-04
L4	L57	Null	1.7361E-04
L4	L61	Null	4.9306E-04
L4	L64	Null	3.3333E-04
L4	L65	Null	3.2639E-04
L4	L66	Null	3.1944E-04
L4	L67	Null	3.1944E-04
L4	L70	Null	4.9306E-04
L4	L76	Null	1.7361E-04
L4	L81	Null	1.7361E-04
L4	L88	Null	3.1944E-04
L4	L91	Null	3.1944E-04
L4	L135	Null	4.9306E-04
L3	L1	Null	5.1389E-04
L3	L44	Null	3.9583E-04
L3	L45	Null	3.9583E-04
L3	L53	Null	1.9444E-04
L3	L57	Null	1.9444E-04
L3	L61	Null	5.1389E-04
L3	L64	Null	3.8889E-04
L3	L65	Null	3.8194E-04
L3	L66	Null	3.7500E-04
L3	L67	Null	3.7500E-04
L3	L70	Null	5.1389E-04
L3	L76	Null	1.9444E-04
L3	L81	Null	1.9444E-04
L3	L88	Null	3.7500E-04
L3	L91	Null	3.7500E-04
L3	L135	Null	5.1389E-04
L2	L1	Null	4.7917E-04
L2	L44	Null	3.6806E-04
L2	L45	Null	3.6806E-04
L2	L53	Null	1.8750E-04
L2	L57	Null	1.8750E-04
L2	L64	Null	3.6111E-04
L2	L65	Null	3.5417E-04
L2	L66	Null	3.4722E-04
L2	L67	Null	3.4722E-04
L2	L70	Null	4.7917E-04
L2	L76	Null	1.8750E-04
L2	L81	Null	1.8750E-04
L2	L88	Null	3.4722E-04
L2	L91	Null	3.4722E-04
L2	L136	Null	1.1250E-03
L2	L137	Null	8.1250E-04
L2	L138	Null	1.1250E-03
L2	L139	Null	1.1250E-03
L2	L140	Null	4.7917E-04

DISTRIBUTED LOAD ASSIGNMENTS TO LINE OBJECTS

LOAD CASE	STORY LEVEL	LINE ID	LOAD TYPE	LOAD DIRECTION	ABSOLUTE DISTANCE A	ABSOLUTE DISTANCE B	PER	LOAD A LENGTH	PER	LOAD B LENGTH
SOIL	L2	B1	Force	Global-y	0.000	198.000		-0.043		-0.043
SOIL	L2	B2	Force	Global-y	0.000	198.000		-0.043		-0.043
SOIL	L2	B3	Force	Global-y	0.000	129.000		-0.043		-0.043
SOIL	L2	B4	Force	Global-y	0.000	132.000		-0.043		-0.043
SOIL	L2	B5	Force	Global-y	0.000	264.000		-0.043		-0.043
SOIL	L2	B6	Force	Global-y	0.000	132.000		-0.043		-0.043
SOIL	L2	B7	Force	Global-y	0.000	132.000		-0.043		-0.043
SOIL	L2	B8	Force	Global-y	0.000	264.000		-0.043		-0.043
SOIL	L2	B9	Force	Global-y	0.000	132.000		-0.043		-0.043
SOIL	L2	B10	Force	Global-y	0.000	132.000		-0.043		-0.043
SOIL	L2	B11	Force	Global-y	0.000	264.000		-0.043		-0.043
SOIL	L2	B12	Force	Global-y	0.000	132.000		-0.043		-0.043
SOIL	L2	B13	Force	Global-y	0.000	129.000		-0.043		-0.043
SOIL	L2	B14	Force	Global-y	0.000	264.000		-0.043		-0.043
SOIL	L2	B15	Force	Global-y	0.000	215.000		-0.043		-0.043
SOIL	L2	B16	Force	Global-x	0.000	264.000		0.043		0.043
SOIL	L2	B17	Force	Global-x	0.000	132.000		0.043		0.043
SOIL	L2	B18	Force	Global-x	0.000	129.000		0.043		0.043
SOIL	L2	B20	Force	Global-x	0.000	198.000		0.043		0.043
SOIL	L2	B21	Force	Global-x	0.000	215.000		0.043		0.043
SOIL	L2	B22	Force	Global-x	0.000	264.000		0.043		0.043
SOIL	L1	B1	Force	Global-y	0.000	198.000		-1.092		-1.092
SOIL	L1	B2	Force	Global-y	0.000	198.000		-1.092		-1.092
SOIL	L1	B3	Force	Global-y	0.000	129.000		-1.092		-1.092
SOIL	L1	B4	Force	Global-y	0.000	132.000		-1.092		-1.092
SOIL	L1	B5	Force	Global-y	0.000	264.000		-1.092		-1.092
SOIL	L1	B6	Force	Global-y	0.000	132.000		-1.092		-1.092
SOIL	L1	B7	Force	Global-y	0.000	132.000		-1.092		-1.092
SOIL	L1	B8	Force	Global-y	0.000	264.000		-1.092		-1.092
SOIL	L1	B9	Force	Global-y	0.000	132.000		-1.092		-1.092
SOIL	L1	B10	Force	Global-y	0.000	132.000		-1.092		-1.092
SOIL	L1	B11	Force	Global-y	0.000	264.000		-1.092		-1.092
SOIL	L1	B12	Force	Global-y	0.000	132.000		-1.092		-1.092
SOIL	L1	B13	Force	Global-y	0.000	129.000		-1.092		-1.092
SOIL	L1	B14	Force	Global-y	0.000	215.000		-1.092		-1.092
SOIL	L1	B15	Force	Global-y	0.000	215.000		-1.092		-1.092
SOIL	L1	B16	Force	Global-x	0.000	264.000		1.092		1.092
SOIL	L1	B17	Force	Global-x	0.000	264.000		1.092		1.092
SOIL	L1	B18	Force	Global-x	0.000	132.000		1.092		1.092
SOIL	L1	B19	Force	Global-x	0.000	129.000		1.092		1.092
SOIL	L1	B20	Force	Global-x	0.000	198.000		1.092		1.092
SOIL	L1	B21	Force	Global-x	0.000	215.000		1.092		1.092
SOIL	L1	B22	Force	Global-x	0.000	264.000		1.092		1.092
SOIL	L1	B23	Force	Global-x	0.000	198.000		0.176		0.176
SOIL	L1	B24	Force	Global-x	0.000	129.000		0.176		0.176
SOIL	L1	B25	Force	Global-x	0.000	132.000		0.176		0.176
SOIL	L1	B26	Force	Global-x	0.000	215.000		0.176		0.176
SOIL	L1	B39	Force	Global-x	0.000	132.000		-0.176		-0.176
SOIL	L1	B40	Force	Global-x	0.000	264.000		-0.176		-0.176
SOIL	L1	B41	Force	Global-x	0.000	264.000		-0.176		-0.176
SOIL	L1	B42	Force	Global-x	0.000	132.000		-0.176		-0.176
SOIL	L1	B43	Force	Global-x	0.000	129.000		-0.176		-0.176
SOIL	L1	B44	Force	Global-x	0.000	198.000		-0.176		-0.176
SOIL	L1	B45	Force	Global-x	0.000	215.000		-0.176		-0.176
SOIL	L1	B46	Force	Global-x	0.000	129.000		-0.176		-0.176
SOIL	L1	B47	Force	Global-x	0.000	198.000		-0.176		-0.176
SOIL	L1	B48	Force	Global-x	0.000	215.000		-0.176		-0.176
SOIL	L1	B49	Force	Global-x	0.000	264.000		-0.176		-0.176
SOIL	L1	B50	Force	Global-y	0.000	198.000		0.176		0.176
SOIL	L1	B51	Force	Global-y	0.000	198.000		0.176		0.176
SOIL	L1	B52	Force	Global-y	0.000	129.000		0.176		0.176
SOIL	L1	B53	Force	Global-y	0.000	132.000		0.176		0.176
SOIL	L1	B54	Force	Global-y	0.000	264.000		0.176		0.176
SOIL	L1	B55	Force	Global-y	0.000	132.000		0.176		0.176
SOIL	L1	B56	Force	Global-y	0.000	132.000		0.176		0.176
SOIL	L1	B57	Force	Global-y	0.000	264.000		0.176		0.176
SOIL	L1	B58	Force	Global-y	0.000	132.000		0.176		0.176
SOIL	L1	B59	Force	Global-y	0.000	132.000		0.176		0.176
SOIL	L1	B60	Force	Global-y	0.000	264.000		0.176		0.176
SOIL	L1	B61	Force	Global-y	0.000	132.000		0.176		0.176
SOIL	L1	B62	Force	Global-y	0.000	129.000		0.176		0.176
SOIL	L1	B63	Force	Global-y	0.000	215.000		0.176		0.176
SOIL	L1	B64	Force	Global-y	0.000	215.000		0.176		0.176
SOILX1	L2	B16	Force	Global-x	0.000	264.000		0.263		0.263
SOILX1	L2	B17	Force	Global-x	0.000	264.000		0.263		0.263
SOILX1	L2	B18	Force	Global-x	0.000	132.000		0.263		0.263
SOILX1	L2	B19	Force	Global-x	0.000	129.000		0.263		0.263
SOILX1	L2	B20	Force	Global-x	0.000	198.000		0.263		0.263
SOILX1	L2	B21	Force	Global-x	0.000	215.000		0.263		0.263

DISTRIBUTED LOAD ASSIGNMENTS TO LINE OBJECTS

LOAD CASE	STORY LEVEL	LINE ID	LOAD TYPE	LOAD DIRECTION	ABSOLUTE DISTANCE A	ABSOLUTE DISTANCE B	PER	LOAD A LENGTH	PER	LOAD B LENGTH
SOILX1	L2	B22	Force	Global-x	0.000	264.000		0.263		0.263
SOILX1	L1	B16	Force	Global-x	0.000	264.000		0.470		0.470
SOILX1	L1	B17	Force	Global-x	0.000	264.000		0.470		0.470
SOILX1	L1	B18	Force	Global-x	0.000	132.000		0.470		0.470
SOILX1	L1	B19	Force	Global-x	0.000	129.000		0.470		0.470
SOILX1	L1	B20	Force	Global-x	0.000	198.000		0.470		0.470
SOILX1	L1	B21	Force	Global-x	0.000	215.000		0.470		0.470
SOILX1	L1	B22	Force	Global-x	0.000	264.000		0.470		0.470
SOILX1	L1	B23	Force	Global-x	0.000	198.000		0.136		0.136
SOILX1	L1	B24	Force	Global-x	0.000	129.000		0.136		0.136
SOILX1	L1	B25	Force	Global-x	0.000	132.000		0.136		0.136
SOILX1	L1	B26	Force	Global-x	0.000	215.000		0.136		0.136
SOILX2	L1	B39	Force	Global-x	0.000	132.000		-0.136		-0.136
SOILX2	L1	B40	Force	Global-x	0.000	264.000		-0.136		-0.136
SOILX2	L1	B41	Force	Global-x	0.000	264.000		-0.136		-0.136
SOILX2	L1	B42	Force	Global-x	0.000	132.000		-0.136		-0.136
SOILX2	L1	B43	Force	Global-x	0.000	129.000		-0.136		-0.136
SOILX2	L1	B44	Force	Global-x	0.000	198.000		-0.136		-0.136
SOILX2	L1	B45	Force	Global-x	0.000	215.000		-0.136		-0.136
SOILX2	L1	B46	Force	Global-x	0.000	129.000		-0.136		-0.136
SOILX2	L1	B47	Force	Global-x	0.000	198.000		-0.136		-0.136
SOILX2	L1	B48	Force	Global-x	0.000	215.000		-0.136		-0.136
SOILX2	L1	B49	Force	Global-x	0.000	264.000		-0.136		-0.136
SOILY1	L1	B50	Force	Global-y	0.000	198.000		0.136		0.136
SOILY1	L1	B51	Force	Global-y	0.000	198.000		0.136		0.136
SOILY1	L1	B52	Force	Global-y	0.000	129.000		0.136		0.136
SOILY1	L1	B53	Force	Global-y	0.000	132.000		0.136		0.136
SOILY1	L1	B54	Force	Global-y	0.000	264.000		0.136		0.136
SOILY1	L1	B55	Force	Global-y	0.000	132.000		0.136		0.136
SOILY1	L1	B56	Force	Global-y	0.000	132.000		0.136		0.136
SOILY1	L1	B57	Force	Global-y	0.000	264.000		0.136		0.136
SOILY1	L1	B58	Force	Global-y	0.000	132.000		0.136		0.136
SOILY1	L1	B59	Force	Global-y	0.000	132.000		0.136		0.136
SOILY1	L1	B60	Force	Global-y	0.000	264.000		0.136		0.136
SOILY1	L1	B61	Force	Global-y	0.000	132.000		0.136		0.136
SOILY1	L1	B62	Force	Global-y	0.000	129.000		0.136		0.136
SOILY1	L1	B63	Force	Global-y	0.000	215.000		0.136		0.136
SOILY1	L1	B64	Force	Global-y	0.000	215.000		0.136		0.136
SOILY2	L2	B1	Force	Global-y	0.000	198.000		-0.263		-0.263
SOILY2	L2	B2	Force	Global-y	0.000	198.000		-0.263		-0.263
SOILY2	L2	B3	Force	Global-y	0.000	129.000		-0.263		-0.263
SOILY2	L2	B4	Force	Global-y	0.000	132.000		-0.263		-0.263
SOILY2	L2	B5	Force	Global-y	0.000	264.000		-0.263		-0.263
SOILY2	L2	B6	Force	Global-y	0.000	132.000		-0.263		-0.263
SOILY2	L2	B7	Force	Global-y	0.000	132.000		-0.263		-0.263
SOILY2	L2	B8	Force	Global-y	0.000	264.000		-0.263		-0.263
SOILY2	L2	B9	Force	Global-y	0.000	132.000		-0.263		-0.263
SOILY2	L2	B10	Force	Global-y	0.000	132.000		-0.263		-0.263
SOILY2	L2	B11	Force	Global-y	0.000	264.000		-0.263		-0.263
SOILY2	L2	B12	Force	Global-y	0.000	132.000		-0.263		-0.263
SOILY2	L2	B13	Force	Global-y	0.000	129.000		-0.263		-0.263
SOILY2	L2	B14	Force	Global-y	0.000	215.000		-0.263		-0.263
SOILY2	L2	B15	Force	Global-y	0.000	215.000		-0.263		-0.263
SOILY2	L1	B1	Force	Global-y	0.000	198.000		-0.470		-0.470
SOILY2	L1	B2	Force	Global-y	0.000	198.000		-0.470		-0.470
SOILY2	L1	B3	Force	Global-y	0.000	129.000		-0.470		-0.470
SOILY2	L1	B4	Force	Global-y	0.000	132.000		-0.470		-0.470
SOILY2	L1	B5	Force	Global-y	0.000	264.000		-0.470		-0.470
SOILY2	L1	B6	Force	Global-y	0.000	132.000		-0.470		-0.470
SOILY2	L1	B7	Force	Global-y	0.000	132.000		-0.470		-0.470
SOILY2	L1	B8	Force	Global-y	0.000	264.000		-0.470		-0.470
SOILY2	L1	B9	Force	Global-y	0.000	132.000		-0.470		-0.470
SOILY2	L1	B10	Force	Global-y	0.000	132.000		-0.470		-0.470
SOILY2	L1	B11	Force	Global-y	0.000	264.000		-0.470		-0.470
SOILY2	L1	B12	Force	Global-y	0.000	132.000		-0.470		-0.470
SOILY2	L1	B13	Force	Global-y	0.000	129.000		-0.470		-0.470
SOILY2	L1	B14	Force	Global-y	0.000	215.000		-0.470		-0.470
SOILY2	L1	B15	Force	Global-y	0.000	215.000		-0.470		-0.470

AREA MASS ASSIGNMENTS
(AREA MASS IS A MASS PER UNIT AREA)

STORY	AREA	AREATYPE	MASS
RF	F21	Floor	2.5463E-06
RF	F43	Floor	2.2280E-06
RF	F114	Floor	3.3275E-06
RF	F181	Floor	2.5463E-06
RF	F182	Floor	2.2280E-06
RF	F188	Floor	2.2280E-06
RF	F193	Floor	2.2280E-06
RF	F194	Floor	2.5463E-06
RF	F251	Floor	2.8935E-06
RF	F262	Floor	3.3275E-06
RF	F263	Floor	2.8935E-06
RF	F331	Floor	2.2280E-06
RF	F352	Floor	2.5463E-06
L14	F43	Floor	2.8935E-06
L14	F114	Floor	2.3148E-06
L14	F182	Floor	2.8935E-06
L14	F188	Floor	2.3148E-06
L14	F193	Floor	2.8935E-06
L14	F262	Floor	2.3148E-06
L14	F331	Floor	2.8935E-06
L13	F43	Floor	2.8935E-06
L13	F114	Floor	2.3148E-06
L13	F182	Floor	2.8935E-06
L13	F188	Floor	2.3148E-06
L13	F193	Floor	2.8935E-06
L13	F262	Floor	2.3148E-06
L13	F331	Floor	2.8935E-06
L10	F43	Floor	2.8935E-06
L10	F114	Floor	2.3148E-06
L10	F182	Floor	2.8935E-06
L10	F188	Floor	2.3148E-06
L10	F193	Floor	2.8935E-06
L10	F262	Floor	2.3148E-06
L10	F331	Floor	2.8935E-06
L9	F42	Floor	2.3148E-06
L9	F44	Floor	2.3148E-06
L9	F46	Floor	2.3148E-06
L9	F79	Floor	4.3403E-07
L9	F94	Floor	2.3148E-06
L9	F114	Floor	2.3148E-06
L9	F180	Floor	2.3148E-06
L9	F185	Floor	4.3403E-07
L9	F187	Floor	2.3148E-06
L9	F189	Floor	2.7488E-06
L9	F190	Floor	2.3148E-06
L9	F191	Floor	4.3403E-07
L9	F193	Floor	2.3148E-06
L9	F241	Floor	2.3148E-06
L9	F262	Floor	2.3148E-06
L9	F298	Floor	4.3403E-07
L9	F331	Floor	2.3148E-06
L8	F43	Floor	2.3148E-06
L8	F79	Floor	4.3403E-07
L8	F114	Floor	2.3148E-06
L8	F182	Floor	2.3148E-06
L8	F185	Floor	4.3403E-07
L8	F187	Floor	2.3148E-06
L8	F189	Floor	2.7488E-06
L8	F190	Floor	2.3148E-06
L8	F191	Floor	4.3403E-07
L8	F193	Floor	2.3148E-06
L8	F262	Floor	2.3148E-06
L8	F298	Floor	4.3403E-07
L8	F331	Floor	2.3148E-06
L7	F43	Floor	2.3148E-06
L7	F79	Floor	4.3403E-07
L7	F114	Floor	2.3148E-06
L7	F182	Floor	2.3148E-06
L7	F183	Floor	4.3403E-07
L7	F187	Floor	2.3148E-06
L7	F189	Floor	2.7488E-06
L7	F190	Floor	2.3148E-06
L7	F191	Floor	4.3403E-07
L7	F193	Floor	2.3148E-06
L7	F262	Floor	2.3148E-06
L7	F298	Floor	4.3403E-07
L7	F331	Floor	2.3148E-06
L6	F43	Floor	2.3148E-06
L6	F45	Floor	4.3403E-07
L6	F67	Floor	4.3403E-07

AREA MASS ASSIGNMENTS
(AREA MASS IS A MASS PER UNIT AREA)

STORY	AREA	AREATYPE	MASS
L6	F114	Floor	2.3148E-06
L6	F182	Floor	2.3148E-06
L6	F184	Floor	4.3403E-07
L6	F187	Floor	2.3148E-06
L6	F189	Floor	2.7488E-06
L6	F190	Floor	2.3148E-06
L6	F192	Floor	4.3403E-07
L6	F193	Floor	2.3148E-06
L6	F262	Floor	2.3148E-06
L6	F309	Floor	4.3403E-07
L6	F330	Floor	4.3403E-07
L6	F331	Floor	2.3148E-06
L5	F43	Floor	2.3148E-06
L5	F45	Floor	4.3403E-07
L5	F67	Floor	4.3403E-07
L5	F114	Floor	2.3148E-06
L5	F182	Floor	2.3148E-06
L5	F184	Floor	4.3403E-07
L5	F187	Floor	2.3148E-06
L5	F189	Floor	2.7488E-06
L5	F190	Floor	2.3148E-06
L5	F192	Floor	4.3403E-07
L5	F193	Floor	2.3148E-06
L5	F262	Floor	2.3148E-06
L5	F309	Floor	4.3403E-07
L5	F330	Floor	4.3403E-07
L5	F331	Floor	2.3148E-06
L4	F43	Floor	2.3148E-06
L4	F77	Floor	4.3403E-07
L4	F114	Floor	2.3148E-06
L4	F182	Floor	2.3148E-06
L4	F183	Floor	4.3403E-07
L4	F186	Floor	2.3148E-06
L4	F187	Floor	2.3148E-06
L4	F189	Floor	2.7488E-06
L4	F190	Floor	2.3148E-06
L4	F191	Floor	4.3403E-07
L4	F193	Floor	2.3148E-06
L4	F262	Floor	2.3148E-06
L4	F296	Floor	4.3403E-07
L4	F331	Floor	2.3148E-06
L3	F43	Floor	2.3148E-06
L3	F77	Floor	4.3403E-07
L3	F114	Floor	2.3148E-06
L3	F182	Floor	2.3148E-06
L3	F183	Floor	4.3403E-07
L3	F186	Floor	2.3148E-06
L3	F187	Floor	2.3148E-06
L3	F189	Floor	2.7488E-06
L3	F190	Floor	2.3148E-06
L3	F191	Floor	4.3403E-07
L3	F193	Floor	2.3148E-06
L3	F262	Floor	2.3148E-06
L3	F296	Floor	4.3403E-07
L3	F331	Floor	2.3148E-06
L2	F1	Floor	2.3148E-06
L2	F2	Floor	2.3148E-06
L2	F3	Floor	2.3148E-06
L2	F4	Floor	2.3148E-06
L2	F5	Floor	2.3148E-06
L2	F6	Floor	2.3148E-06
L2	F7	Floor	2.3148E-06
L2	F14	Floor	2.3148E-06
L2	F15	Floor	2.3148E-06
L2	F16	Floor	2.3148E-06
L2	F17	Floor	2.3148E-06
L2	F18	Floor	2.3148E-06
L2	F19	Floor	2.3148E-06
L2	F20	Floor	2.3148E-06
L2	F22	Floor	2.3148E-06
L2	F23	Floor	2.3148E-06
L2	F24	Floor	2.3148E-06
L2	F25	Floor	2.3148E-06
L2	F26	Floor	2.3148E-06
L2	F27	Floor	2.3148E-06
L2	F28	Floor	2.3148E-06
L2	F35	Floor	2.3148E-06
L2	F36	Floor	2.3148E-06
L2	F37	Floor	2.3148E-06
L2	F38	Floor	2.3148E-06

AREA MASS ASSIGNMENTS
(AREA MASS IS A MASS PER UNIT AREA)

STORY	AREA	AREATYPE	MASS
L3	F39	Floor	2.3148E-06
L3	F40	Floor	2.3148E-06
L3	F41	Floor	2.3148E-06
L3	F46	Floor	2.3148E-06
L3	F47	Floor	2.3148E-06
L3	F48	Floor	2.7488E-06
L3	F49	Floor	2.7488E-06
L3	F50	Floor	2.7488E-06
L3	F51	Floor	2.7488E-06
L3	F52	Floor	2.7488E-06
L3	F53	Floor	2.7488E-06
L3	F54	Floor	2.7488E-06
L3	F55	Floor	2.7488E-06
L3	F56	Floor	2.7488E-06
L3	F57	Floor	2.7488E-06
L3	F58	Floor	2.7488E-06
L3	F59	Floor	2.7488E-06
L3	F60	Floor	2.7488E-06
L3	F61	Floor	2.7488E-06
L3	F62	Floor	2.7488E-06
L3	F63	Floor	2.7488E-06
L3	F64	Floor	2.3148E-06
L3	F65	Floor	2.3148E-06
L3	F68	Floor	2.3148E-06
L3	F69	Floor	2.3148E-06
L3	F70	Floor	2.7488E-06
L3	F71	Floor	2.3148E-06
L3	F72	Floor	2.3148E-06
L3	F73	Floor	2.3148E-06
L3	F74	Floor	2.3148E-06
L3	F75	Floor	2.3148E-06
L3	F76	Floor	2.3148E-06
L3	F78	Floor	2.7488E-06
L3	F80	Floor	2.7488E-06
L3	F81	Floor	2.3148E-06
L3	F82	Floor	2.3148E-06
L3	F83	Floor	2.3148E-06
L3	F84	Floor	2.3148E-06
L3	F86	Floor	2.3148E-06
L3	F87	Floor	2.3148E-06
L3	F88	Floor	2.3148E-06
L3	F89	Floor	2.7488E-06
L3	F90	Floor	2.3148E-06
L3	F91	Floor	2.3148E-06
L3	F92	Floor	2.3148E-06
L3	F93	Floor	2.3148E-06
L3	F95	Floor	2.7488E-06
L3	F96	Floor	2.3148E-06
L3	F101	Floor	2.3148E-06
L3	F102	Floor	2.7488E-06
L3	F103	Floor	2.7488E-06
L3	F104	Floor	2.3148E-06
L3	F108	Floor	2.3148E-06
L3	F109	Floor	2.3148E-06
L3	F110	Floor	2.3148E-06
L3	F111	Floor	2.7488E-06
L3	F112	Floor	2.3148E-06
L3	F113	Floor	2.3148E-06
L3	F115	Floor	2.3148E-06
L3	F116	Floor	2.3148E-06
L3	F117	Floor	2.7488E-06
L3	F118	Floor	2.3148E-06
L3	F123	Floor	2.3148E-06
L3	F124	Floor	2.7488E-06
L3	F125	Floor	2.7488E-06
L3	F126	Floor	2.3148E-06
L3	F130	Floor	2.3148E-06
L3	F131	Floor	2.3148E-06
L3	F132	Floor	2.3148E-06
L3	F133	Floor	2.7488E-06
L3	F134	Floor	2.3148E-06
L3	F135	Floor	2.3148E-06
L3	F136	Floor	2.3148E-06
L3	F137	Floor	2.3148E-06
L3	F138	Floor	2.3148E-06
L3	F139	Floor	2.3148E-06
L3	F140	Floor	2.3148E-06
L3	F141	Floor	2.7488E-06
L3	F142	Floor	2.3148E-06
L3	F147	Floor	2.3148E-06

AREA MASS ASSIGNMENTS
(AREA MASS IS A MASS PER UNIT AREA)

STORY	AREA	AREATYPE	MASS
L3	F148	Floor	2.7488E-06
L3	F149	Floor	2.7488E-06
L3	F150	Floor	2.3148E-06
L3	F156	Floor	2.7488E-06
L3	F157	Floor	2.3148E-06
L3	F158	Floor	2.3148E-06
L3	F159	Floor	2.3148E-06
L3	F161	Floor	2.3148E-06
L3	F162	Floor	2.3148E-06
L3	F163	Floor	2.7488E-06
L3	F164	Floor	2.3148E-06
L3	F165	Floor	2.3148E-06
L3	F166	Floor	2.3148E-06
L3	F167	Floor	2.3148E-06
L3	F168	Floor	2.3148E-06
L3	F169	Floor	2.3148E-06
L3	F170	Floor	2.7488E-06
L3	F171	Floor	2.7488E-06
L3	F172	Floor	2.3148E-06
L3	F177	Floor	2.3148E-06
L3	F178	Floor	2.7488E-06
L3	F179	Floor	2.3148E-06
L3	F180	Floor	2.3148E-06
L3	F195	Floor	2.3148E-06
L3	F196	Floor	2.3148E-06
L3	F197	Floor	2.7488E-06
L3	F198	Floor	2.3148E-06
L3	F199	Floor	2.3148E-06
L3	F200	Floor	2.3148E-06
L3	F201	Floor	2.3148E-06
L3	F202	Floor	2.3148E-06
L3	F203	Floor	2.3148E-06
L3	F204	Floor	2.7488E-06
L3	F205	Floor	2.7488E-06
L3	F206	Floor	2.3148E-06
L3	F211	Floor	2.3148E-06
L3	F212	Floor	2.7488E-06
L3	F213	Floor	2.3148E-06
L3	F214	Floor	2.3148E-06
L3	F215	Floor	2.3148E-06
L3	F216	Floor	2.3148E-06
L3	F217	Floor	2.3148E-06
L3	F218	Floor	2.7488E-06
L3	F219	Floor	2.3148E-06
L3	F225	Floor	2.7488E-06
L3	F226	Floor	2.7488E-06
L3	F227	Floor	2.3148E-06
L3	F232	Floor	2.3148E-06
L3	F233	Floor	2.7488E-06
L3	F234	Floor	2.3148E-06
L3	F235	Floor	2.3148E-06
L3	F236	Floor	2.3148E-06
L3	F237	Floor	2.3148E-06
L3	F238	Floor	2.3148E-06
L3	F239	Floor	2.3148E-06
L3	F240	Floor	2.3148E-06
L3	F242	Floor	2.7488E-06
L3	F243	Floor	2.3148E-06
L3	F247	Floor	2.3148E-06
L3	F248	Floor	2.3148E-06
L3	F249	Floor	2.3148E-06
L3	F250	Floor	2.7488E-06
L3	F251	Floor	2.7488E-06
L3	F253	Floor	2.3148E-06
L3	F258	Floor	2.3148E-06
L3	F259	Floor	2.7488E-06
L3	F260	Floor	2.3148E-06
L3	F261	Floor	2.3148E-06
L3	F264	Floor	2.3148E-06
L3	F265	Floor	2.3148E-06
L3	F266	Floor	2.7488E-06
L3	F267	Floor	2.3148E-06
L3	F271	Floor	2.3148E-06
L3	F272	Floor	2.3148E-06
L3	F273	Floor	2.3148E-06
L3	F274	Floor	2.7488E-06
L3	F275	Floor	2.7488E-06
L3	F276	Floor	2.3148E-06
L3	F281	Floor	2.3148E-06
L3	F282	Floor	2.7488E-06

AREA MASS ASSIGNMENTS
(AREA MASS IS A MASS PER UNIT AREA)

STORY	AREA	AREATYPE	MASS
L3	F283	Floor	2.3148E-06
L3	F284	Floor	2.3148E-06
L3	F285	Floor	2.3148E-06
L3	F286	Floor	2.3148E-06
L3	F287	Floor	2.7488E-06
L3	F288	Floor	2.3148E-06
L3	F289	Floor	2.3148E-06
L3	F290	Floor	2.3148E-06
L3	F291	Floor	2.3148E-06
L3	F293	Floor	2.3148E-06
L3	F294	Floor	2.3148E-06
L3	F295	Floor	2.3148E-06
L3	F297	Floor	2.7488E-06
L3	F299	Floor	2.7488E-06
L3	F300	Floor	2.3148E-06
L3	F301	Floor	2.3148E-06
L3	F304	Floor	2.3148E-06
L3	F305	Floor	2.3148E-06
L3	F306	Floor	2.7488E-06
L3	F307	Floor	2.3148E-06
L3	F308	Floor	2.3148E-06
L3	F310	Floor	2.3148E-06
L3	F311	Floor	2.3148E-06
L3	F312	Floor	2.7488E-06
L3	F313	Floor	2.7488E-06
L3	F314	Floor	2.7488E-06
L3	F315	Floor	2.7488E-06
L3	F316	Floor	2.7488E-06
L3	F317	Floor	2.7488E-06
L3	F318	Floor	2.7488E-06
L3	F319	Floor	2.7488E-06
L3	F320	Floor	2.7488E-06
L3	F321	Floor	2.7488E-06
L3	F322	Floor	2.7488E-06
L3	F323	Floor	2.7488E-06
L3	F324	Floor	2.7488E-06
L3	F325	Floor	2.7488E-06
L3	F326	Floor	2.7488E-06
L3	F327	Floor	2.7488E-06
L3	F328	Floor	2.3148E-06
L3	F329	Floor	2.3148E-06
L3	F332	Floor	2.3148E-06
L3	F333	Floor	2.3148E-06
L3	F334	Floor	2.3148E-06
L3	F335	Floor	2.3148E-06
L3	F336	Floor	2.3148E-06
L3	F337	Floor	2.3148E-06
L3	F338	Floor	2.3148E-06
L3	F339	Floor	2.3148E-06
L3	F340	Floor	2.3148E-06
L3	F341	Floor	2.3148E-06
L3	F342	Floor	2.3148E-06
L3	F343	Floor	2.3148E-06
L3	F344	Floor	2.3148E-06
L3	F345	Floor	2.3148E-06
L3	F346	Floor	2.3148E-06
L3	F347	Floor	2.3148E-06
L3	F348	Floor	2.3148E-06
L3	F349	Floor	2.3148E-06
L3	F350	Floor	2.3148E-06
L3	F351	Floor	2.3148E-06
L3	F353	Floor	2.3148E-06
L3	F354	Floor	2.3148E-06
L3	F355	Floor	2.3148E-06
L3	F356	Floor	2.3148E-06
L3	F357	Floor	2.3148E-06
L3	F358	Floor	2.3148E-06
L3	F359	Floor	2.3148E-06
L3	F360	Floor	2.3148E-06
L3	F361	Floor	2.3148E-06
L3	F362	Floor	2.3148E-06
L3	F363	Floor	2.3148E-06
L3	F364	Floor	2.3148E-06
L3	F365	Floor	2.3148E-06
L3	F366	Floor	2.3148E-06
L3	F367	Floor	2.3148E-06
L3	F368	Floor	2.3148E-06
L3	F369	Floor	2.3148E-06
L3	F370	Floor	2.3148E-06
L3	F371	Floor	2.3148E-06

AREA MASS ASSIGNMENTS
(AREA MASS IS A MASS PER UNIT AREA)

STORY	AREA	AREATYPE	MASS
L3	F372	Floor	2.3148E-06
L3	F373	Floor	2.3148E-06
L3	F374	Floor	2.3148E-06

F.2: Element Force File

L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
DX	ADD	SPECX	Spectra	0.5367
DY	ADD	SPECY	Spectra	0.5283

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
RF	1.1	DEAD	Top	-10.83	-0.28	0.00	0.005	-0.048	41.729
			Bottom	-19.02	-0.28	0.00	0.005	-0.023	24.334
RF	1.1	TORX	Top	-0.01	-16.20	0.00	0.294	0.050	527.663
			Bottom	-0.01	-16.20	0.00	0.294	0.086	-492.961
RF	1.1	TORY	Top	-0.06	-19.72	0.00	0.357	0.060	643.087
			Bottom	-0.06	-19.72	0.00	0.357	0.107	-599.373
RF	1.1	DX MAX	Top	30.64	355.03	0.06	2.940	3.483	10772.813
			Bottom	30.64	355.03	0.06	2.940	5.625	11676.506
RF	1.1	DX MIN	Top	-30.64	-355.03	-0.06	-2.940	-3.483	-10772.813
			Bottom	-30.64	-355.03	-0.06	-2.940	-5.625	-11676.506
RF	1.1	DY MAX	Top	75.87	264.83	0.22	11.459	8.423	8366.139
			Bottom	75.87	264.83	0.22	11.459	21.995	8327.495
RF	1.1	DY MIN	Top	-75.87	-264.83	-0.22	-11.459	-8.423	-8366.139
			Bottom	-75.87	-264.83	-0.22	-11.459	-21.995	-8327.495
RF	1.2	DEAD	Top	-14.45	3.94	0.00	-0.002	-0.001	-99.808
			Bottom	-22.95	3.94	0.00	-0.002	0.001	148.475
RF	1.2	TORX	Top	11.80	-12.37	0.00	0.249	0.070	232.971
			Bottom	11.80	-12.37	0.00	0.249	0.262	-546.460
RF	1.2	TORY	Top	14.38	-15.08	0.00	0.303	0.087	284.052
			Bottom	14.38	-15.08	0.00	0.303	0.322	-666.140
RF	1.2	DX MAX	Top	262.04	270.22	0.08	0.663	4.413	5390.569
			Bottom	262.04	270.22	0.08	0.663	9.048	11638.483
RF	1.2	DX MIN	Top	-262.04	-270.22	-0.08	-0.663	-4.413	-5390.569
			Bottom	-262.04	-270.22	-0.08	-0.663	-9.048	-11638.483
RF	1.2	DY MAX	Top	170.52	181.54	0.65	1.915	32.944	3162.545
			Bottom	170.52	181.54	0.65	1.915	74.005	8287.314
RF	1.2	DY MIN	Top	-170.52	-181.54	-0.65	-1.915	-32.944	-3162.545
			Bottom	-170.52	-181.54	-0.65	-1.915	-74.005	-8287.314
RF	1.11	DEAD	Top	-10.92	0.06	0.00	0.000	-0.047	-32.859
			Bottom	-19.03	0.06	0.00	0.000	-0.020	-28.941
RF	1.11	TORX	Top	-0.13	-16.70	0.00	0.294	-0.048	538.942
			Bottom	-0.13	-16.70	0.00	0.294	-0.081	-513.923
RF	1.11	TORY	Top	-0.11	-20.33	0.00	0.356	-0.058	656.821
			Bottom	-0.11	-20.33	0.00	0.356	-0.102	-633.766
RF	1.11	DX MAX	Top	26.24	359.32	0.07	3.451	3.872	10821.083
			Bottom	26.24	359.32	0.07	3.451	6.476	11886.062
RF	1.11	DX MIN	Top	-26.24	-359.32	-0.07	-3.451	-3.872	-10821.083
			Bottom	-26.24	-359.32	-0.07	-3.451	-6.476	-11886.062
RF	1.11	DY MAX	Top	77.97	306.24	0.24	12.746	9.274	9745.852
			Bottom	77.97	306.24	0.24	12.746	24.225	9554.293
RF	1.11	DY MIN	Top	-77.97	-306.24	-0.24	-12.746	-9.274	-9745.852
			Bottom	-77.97	-306.24	-0.24	-12.746	-24.225	-9554.293
RF	12.1	DEAD	Top	-10.78	-0.37	0.00	-0.008	0.047	44.376
			Bottom	-18.97	-0.37	0.00	-0.008	0.027	21.111

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
RF	12.1	TORX	Top	0.13	16.55	0.00	0.300	0.048	-535.801
			Bottom	0.13	16.55	0.00	0.300	0.077	506.815
RF	12.1	TORY	Top	0.20	20.15	0.00	0.364	0.059	-652.988
			Bottom	0.20	20.15	0.00	0.364	0.097	616.249
RF	12.1	DX MAX	Top	28.01	377.05	0.08	3.750	4.659	11470.287
			Bottom	28.01	377.05	0.08	3.750	7.840	12359.240
RF	12.1	DX MIN	Top	-28.01	-377.05	-0.08	-3.750	-4.659	-11470.287
			Bottom	-28.01	-377.05	-0.08	-3.750	-7.840	-12359.240
RF	12.1	DY MAX	Top	73.97	258.33	0.21	11.169	7.876	8189.548
			Bottom	73.97	258.33	0.21	11.169	21.023	8094.473
RF	12.1	DY MIN	Top	-73.97	-258.33	-0.21	-11.169	-7.876	-8189.548
			Bottom	-73.97	-258.33	-0.21	-11.169	-21.023	-8094.473
RF	12.2	DEAD	Top	-14.40	3.90	0.00	0.006	-0.001	-98.658
			Bottom	-22.90	3.90	0.00	0.006	-0.004	146.892
RF	12.2	TORX	Top	-12.07	12.66	0.00	0.249	0.071	-237.630
			Bottom	-12.07	12.66	0.00	0.249	0.263	560.051
RF	12.2	TORY	Top	-14.71	15.44	0.00	0.303	0.087	-289.726
			Bottom	-14.71	15.44	0.00	0.303	0.322	682.692
RF	12.2	DX MAX	Top	277.00	285.85	0.10	1.003	6.553	5687.718
			Bottom	277.00	285.85	0.10	1.003	12.918	12333.941
RF	12.2	DX MIN	Top	-277.00	-285.85	-0.10	-1.003	-6.553	-5687.718
			Bottom	-277.00	-285.85	-0.10	-1.003	-12.918	-12333.941
RF	12.2	DY MAX	Top	167.38	178.10	0.64	1.810	32.217	3110.238
			Bottom	167.38	178.10	0.64	1.810	72.707	8123.070
RF	12.2	DY MIN	Top	-167.38	-178.10	-0.64	-1.810	-32.217	-3110.238
			Bottom	-167.38	-178.10	-0.64	-1.810	-72.707	-8123.070
RF	A-1	DEAD	Top	-10.75	-0.32	0.00	0.010	-0.049	42.128
			Bottom	-18.94	-0.32	0.00	0.010	-0.029	22.035
RF	A-1	TORX	Top	-0.20	-16.54	0.00	0.313	0.060	541.595
			Bottom	-0.20	-16.54	0.00	0.313	0.034	-500.328
RF	A-1	TORY	Top	-0.27	-20.13	0.00	0.380	0.073	660.048
			Bottom	-0.27	-20.13	0.00	0.380	0.044	-606.061
RF	A-1	DX MAX	Top	78.29	295.35	0.22	12.222	9.043	9375.962
			Bottom	78.29	295.35	0.22	12.222	23.044	9237.627
RF	A-1	DX MIN	Top	-78.29	-295.35	-0.22	-12.222	-9.043	-9375.962
			Bottom	-78.29	-295.35	-0.22	-12.222	-23.044	-9237.627
RF	A-1	DY MAX	Top	28.73	334.51	0.06	2.675	3.111	10180.369
			Bottom	28.73	334.51	0.06	2.675	5.203	10967.729
RF	A-1	DY MIN	Top	-28.73	-334.51	-0.06	-2.675	-3.111	-10180.369
			Bottom	-28.73	-334.51	-0.06	-2.675	-5.203	-10967.729
RF	A-2	DEAD	Top	-14.46	3.98	0.00	-0.002	-0.001	-98.616
			Bottom	-22.96	3.98	0.00	-0.002	0.002	152.045
RF	A-2	TORX	Top	12.13	-12.66	0.00	0.252	0.044	244.758
			Bottom	12.13	-12.66	0.00	0.252	0.210	-552.600

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
RF	A-2	TORY	Top	14.79	-15.42	0.00	0.307	0.055	288.421
			Bottom	14.79	-15.42	0.00	0.307	0.257	-673.321
RF	A-2	DX MAX	Top	191.55	203.23	0.69	1.868	34.992	3609.732
			Bottom	191.55	203.23	0.69	1.868	78.617	9212.032
RF	A-2	DX MIN	Top	-191.55	-203.23	-0.69	-1.868	-34.992	-3609.732
			Bottom	-191.55	-203.23	-0.69	-1.868	-78.617	-9212.032
RF	A-2	DY MAX	Top	247.16	254.83	0.11	1.017	5.299	5095.767
			Bottom	247.16	254.83	0.11	1.017	12.310	10963.464
RF	A-2	DY MIN	Top	-247.16	-254.83	-0.11	-1.017	-5.299	-5095.767
			Bottom	-247.16	-254.83	-0.11	-1.017	-12.310	-10963.464
RF	P-1	DEAD	Top	-11.20	-1.09	0.00	-0.009	0.045	60.710
			Bottom	-19.40	-1.09	0.00	-0.009	0.027	-7.985
RF	P-1	TORX	Top	0.11	16.04	0.00	0.313	0.058	-531.361
			Bottom	0.11	16.04	0.00	0.313	0.032	479.153
RF	P-1	TORY	Top	0.17	19.53	0.00	0.380	0.070	-647.605
			Bottom	0.17	19.53	0.00	0.380	0.043	582.280
RF	P-1	DX MAX	Top	81.03	282.69	0.19	10.489	7.458	9068.324
			Bottom	81.03	282.69	0.19	10.489	19.268	8750.835
RF	P-1	DX MIN	Top	-81.03	-282.69	-0.19	-10.489	-7.458	-9068.324
			Bottom	-81.03	-282.69	-0.19	-10.489	-19.268	-8750.835
RF	P-1	DY MAX	Top	27.76	369.86	0.09	4.739	5.593	11339.932
			Bottom	27.76	369.86	0.09	4.739	10.148	12050.631
RF	P-1	DY MIN	Top	-27.76	-369.86	-0.09	-4.739	-5.593	-11339.932
			Bottom	-27.76	-369.86	-0.09	-4.739	-10.148	-12050.631
RF	P-2	DEAD	Top	-13.77	3.20	0.00	0.006	-0.002	-89.156
			Bottom	-22.27	3.20	0.00	0.006	-0.004	112.639
RF	P-2	TORX	Top	-11.79	12.31	0.00	0.252	0.044	-237.373
			Bottom	-11.79	12.31	0.00	0.252	0.209	538.305
RF	P-2	TORY	Top	-14.36	15.01	0.00	0.307	0.054	-283.441
			Bottom	-14.36	15.01	0.00	0.307	0.257	655.879
RF	P-2	DX MAX	Top	182.97	194.58	0.58	2.221	29.196	3427.154
			Bottom	182.97	194.58	0.58	2.221	65.633	8849.431
RF	P-2	DX MIN	Top	-182.97	-194.58	-0.58	-2.221	-29.196	-3427.154
			Bottom	-182.97	-194.58	-0.58	-2.221	-65.633	-8849.431
RF	P-2	DY MAX	Top	272.42	281.31	0.15	1.281	9.353	5593.640
			Bottom	272.42	281.31	0.15	1.281	18.787	12132.373
RF	P-2	DY MIN	Top	-272.42	-281.31	-0.15	-1.281	-9.353	-5593.640
			Bottom	-272.42	-281.31	-0.15	-1.281	-18.787	-12132.373
RF	1.9	DEAD	Top	-14.64	-4.08	0.00	0.006	0.000	102.497
			Bottom	-23.51	-4.08	0.00	0.006	0.001	-154.262
RF	1.9	TORX	Top	-12.15	-12.77	0.00	0.251	-0.071	245.695
			Bottom	-12.15	-12.77	0.00	0.251	-0.244	-561.803
RF	1.9	TORY	Top	-14.61	-15.57	0.00	0.305	-0.098	295.215
			Bottom	-14.82	-15.57	0.00	0.305	-0.335	-684.799

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
RF	1.9	DX MAX	Top	264.46	272.93	0.10	0.774	5.880	5528.232
			Bottom	264.46	272.93	0.10	0.774	12.024	11672.805
RF	1.9	DX MIN	Top	-264.46	-272.93	-0.10	-0.774	-5.880	-5528.232
			Bottom	-264.46	-272.93	-0.10	-0.774	-12.024	-11672.805
RF	1.9	DY MAX	Top	200.58	213.75	0.74	2.283	37.478	3804.560
			Bottom	200.58	213.75	0.74	2.283	84.302	9678.807
RF	1.9	DY MIN	Top	-200.58	-213.75	-0.74	-2.283	-37.478	-3804.560
			Bottom	-200.58	-213.75	-0.74	-2.283	-84.302	-9678.807
RF	12.9	DEAD	Top	-14.24	-3.63	0.00	-0.003	-0.001	96.637
			Bottom	-22.82	-3.63	0.00	-0.003	-0.005	-132.240
RF	12.9	TORX	Top	11.97	12.59	0.00	0.251	-0.073	-238.301
			Bottom	11.97	12.59	0.00	0.251	-0.265	554.558
RF	12.9	TORY	Top	14.59	15.34	0.00	0.305	-0.089	-290.579
			Bottom	14.59	15.34	0.00	0.305	-0.326	675.985
RF	12.9	DX MAX	Top	272.86	281.84	0.09	0.829	5.555	5689.233
			Bottom	272.86	281.84	0.09	0.829	11.337	12073.910
RF	12.9	DX MIN	Top	-272.86	-281.84	-0.09	-0.829	-5.555	-5689.233
			Bottom	-272.86	-281.84	-0.09	-0.829	-11.337	-12073.910
RF	12.9	DY MAX	Top	191.80	204.47	0.75	2.344	38.130	3624.527
			Bottom	191.80	204.47	0.75	2.344	85.487	9276.362
RF	12.9	DY MIN	Top	-191.80	-204.47	-0.75	-2.344	-38.130	-3624.527
			Bottom	-191.80	-204.47	-0.75	-2.344	-85.487	-9276.362
RF	A-9	DEAD	Top	-14.43	-3.85	0.00	0.006	0.000	97.982
			Bottom	-23.00	-3.85	0.00	0.006	0.001	-144.825
RF	A-9	TORX	Top	-12.08	-12.62	0.00	0.254	-0.046	246.994
			Bottom	-12.08	-12.62	0.00	0.254	-0.213	-547.837
RF	A-9	TORY	Top	-14.72	-15.37	0.00	0.309	-0.057	301.169
			Bottom	-14.72	-15.37	0.00	0.309	-0.262	-667.407
RF	A-9	DX MAX	Top	177.09	189.43	0.58	1.811	28.988	3302.687
			Bottom	177.09	189.43	0.58	1.811	65.310	8648.118
RF	A-9	DX MIN	Top	-177.09	-189.43	-0.58	-1.811	-28.988	-3302.687
			Bottom	-177.09	-189.43	-0.58	-1.811	-65.310	-8648.118
RF	A-9	DY MAX	Top	250.70	258.66	0.10	1.180	6.272	5246.105
			Bottom	250.70	258.66	0.10	1.180	12.429	11055.258
RF	A-9	DY MIN	Top	-250.70	-258.66	-0.10	-1.180	-6.272	-5246.105
			Bottom	-250.70	-258.66	-0.10	-1.180	-12.429	-11055.258
RF	A-10	DEAD	Top	-10.69	0.47	0.00	-0.007	-0.049	-46.178
			Bottom	-18.80	0.47	0.00	-0.007	-0.039	-18.845
RF	A-10	TORX	Top	0.30	-16.35	0.00	0.307	-0.039	531.935
			Bottom	0.30	-16.35	0.00	0.307	-0.038	-498.291
RF	A-10	TORY	Top	0.40	-19.90	0.00	0.373	-0.072	649.135
			Bottom	0.40	-19.90	0.00	0.373	-0.049	-605.625
RF	A-10	DX MAX	Top	78.66	271.72	0.18	10.153	7.093	8605.862
			Bottom	78.66	271.72	0.18	10.153	18.505	8524.703

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
RF	A-10	DX MIN	Top	-78.66	-271.72	-0.18	-10.153	-7.093	-8605.862
			Bottom	-78.66	-271.72	-0.18	-10.153	-18.505	-8524.703
RF	A-10	DY MAX	Top	26.52	339.68	0.07	3.457	4.268	10369.139
			Bottom	26.52	339.68	0.07	3.457	7.251	11196.303
RF	A-10	DY MIN	Top	-26.52	-339.68	-0.07	-3.457	-4.268	-10369.139
			Bottom	-26.52	-339.68	-0.07	-3.457	-7.251	-11196.303
RF	P-9	DEAD	Top	-14.03	-3.42	0.00	-0.003	-0.001	91.720
			Bottom	-22.61	-3.42	0.00	-0.003	-0.004	-123.741
RF	P-9	TORX	Top	12.41	12.97	0.00	0.253	-0.045	-253.475
			Bottom	12.41	12.97	0.00	0.253	-0.213	563.425
RF	P-9	TORY	Top	15.13	15.80	0.00	0.309	-0.056	-309.059
			Bottom	15.13	15.80	0.00	0.309	-0.261	686.388
RF	P-9	DX MAX	Top	179.89	192.12	0.58	1.795	29.014	3381.769
			Bottom	179.89	192.12	0.58	1.795	65.265	8739.324
RF	P-9	DX MIN	Top	-179.89	-192.12	-0.58	-1.795	-29.014	-3381.769
			Bottom	-179.89	-192.12	-0.58	-1.795	-65.265	-8739.324
RF	P-9	DY MAX	Top	286.01	295.70	0.09	1.153	5.757	5950.168
			Bottom	286.01	295.70	0.09	1.153	11.319	12684.275
RF	P-9	DY MIN	Top	-286.01	-295.70	-0.09	-1.153	-5.757	-5950.168
			Bottom	-286.01	-295.70	-0.09	-1.153	-11.319	-12684.275
RF	P-10	DEAD	Top	-10.80	0.97	0.00	0.014	0.045	-59.622
			Bottom	-18.92	0.97	0.00	0.014	0.030	1.511
RF	P-10	TORX	Top	-0.14	16.90	0.00	0.315	-0.061	-549.226
			Bottom	-0.14	16.90	0.00	0.315	-0.030	516.182
RF	P-10	TORY	Top	-0.20	20.56	0.00	0.382	-0.074	-668.104
			Bottom	-0.20	20.56	0.00	0.382	-0.040	627.407
RF	P-10	DX MAX	Top	79.15	277.81	0.18	10.299	7.337	8810.243
			Bottom	79.15	277.81	0.18	10.299	18.574	8698.346
RF	P-10	DX MIN	Top	-79.15	-277.81	-0.18	-10.299	-7.337	-8810.243
			Bottom	-79.15	-277.81	-0.18	-10.299	-18.574	-8698.346
RF	P-10	DY MAX	Top	26.98	388.24	0.08	3.404	4.422	11768.398
			Bottom	26.98	388.24	0.08	3.404	7.634	12751.343
RF	P-10	DY MIN	Top	-26.98	-388.24	-0.08	-3.404	-4.422	-11768.398
			Bottom	-26.98	-388.24	-0.08	-3.404	-7.634	-12751.343
RF	12.11	DEAD	Top	-11.17	0.52	0.00	0.009	0.046	-43.306
			Bottom	-19.29	0.52	0.00	0.009	0.025	-10.804
RF	12.11	TORX	Top	-0.29	16.27	0.00	0.294	-0.050	-522.119
			Bottom	-0.29	16.27	0.00	0.294	-0.083	502.930
RF	12.11	TORY	Top	-0.39	19.81	0.00	0.357	-0.060	-636.333
			Bottom	-0.39	19.81	0.00	0.357	-0.104	611.608
RF	12.11	DX MAX	Top	30.64	368.21	0.07	3.082	3.694	11097.923
			Bottom	30.64	368.21	0.07	3.082	6.567	12172.344
RF	12.11	DX MIN	Top	-30.64	-368.21	-0.07	-3.082	-3.694	-11097.923
			Bottom	-30.64	-368.21	-0.07	-3.082	-6.567	-12172.344

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
RF	12.11	DY MAX	Top	74.01	291.77	0.24	13.018	9.770	9330.551
			Bottom	74.01	291.77	0.24	13.018	25.092	9158.561
RF	12.11	DY MIN	Top	-74.01	-291.77	-0.24	-13.018	-9.770	-9330.551
			Bottom	-74.01	-291.77	-0.24	-13.018	-25.092	-9158.561
L14	1.1	DEAD	Top	-38.88	-0.27	0.00	0.006	-0.022	63.270
			Bottom	-50.19	-0.27	0.00	0.006	-0.082	39.804
L14	1.1	TORX	Top	-10.88	-31.30	-0.01	0.474	0.528	1555.898
			Bottom	-10.88	-31.30	-0.01	0.474	-0.064	-1167.553
L14	1.1	TORY	Top	-13.38	-38.36	-0.01	0.580	0.649	1907.301
			Bottom	-13.38	-38.36	-0.01	0.580	-0.078	-1430.293
L14	1.1	DX MAX	Top	398.74	650.81	0.21	14.788	4.240	35270.603
			Bottom	398.74	650.81	0.21	14.788	14.155	21491.236
L14	1.1	DX MIN	Top	-398.74	-650.81	-0.21	-14.788	-4.240	-35270.603
			Bottom	-398.74	-650.81	-0.21	-14.788	-14.155	-21491.236
L14	1.1	DY MAX	Top	158.53	293.56	1.15	89.134	27.351	11648.322
			Bottom	158.53	293.56	1.15	89.134	73.821	13951.030
L14	1.1	DY MIN	Top	-158.53	-293.56	-1.15	-89.134	-27.351	-11648.322
			Bottom	-158.53	-293.56	-1.15	-89.134	-73.821	-13951.030
L14	1.2	DEAD	Top	-48.45	0.68	0.00	0.006	-0.005	-131.881
			Bottom	-60.19	0.68	0.00	0.006	0.003	-73.116
L14	1.2	TORX	Top	41.40	-13.34	0.00	0.380	0.257	1074.584
			Bottom	41.40	-13.34	0.00	0.380	0.059	-86.351
L14	1.2	TORY	Top	50.58	-16.36	0.00	0.464	0.317	1317.732
			Bottom	50.58	-16.36	0.00	0.464	0.073	-105.543
L14	1.2	DX MAX	Top	961.74	373.49	0.41	4.193	8.247	37981.593
			Bottom	961.74	373.49	0.41	4.193	27.258	5383.137
L14	1.2	DX MIN	Top	-961.74	-373.49	-0.41	-4.193	-8.247	-37981.593
			Bottom	-961.74	-373.49	-0.41	-4.193	-27.258	-5383.137
L14	1.2	DY MAX	Top	455.69	54.34	3.50	19.801	73.663	5076.588
			Bottom	455.69	54.34	3.50	19.801	232.282	863.202
L14	1.2	DY MIN	Top	-455.69	-54.34	-3.50	-19.801	-73.663	-5076.588
			Bottom	-455.69	-54.34	-3.50	-19.801	-232.282	-863.202
L14	1.11	DEAD	Top	-38.70	0.33	0.00	-0.003	-0.021	-56.606
			Bottom	-49.91	0.33	0.00	-0.003	-0.087	-36.759
L14	1.11	TORX	Top	10.97	-31.30	0.01	0.469	-0.525	1555.259
			Bottom	10.97	-31.30	0.01	0.469	0.061	-1167.444
L14	1.11	TORY	Top	13.49	-38.35	0.01	0.573	-0.644	1906.386
			Bottom	13.49	-38.35	0.01	0.573	0.074	-1430.078
L14	1.11	DX MAX	Top	395.89	646.10	0.28	18.553	5.576	34942.645
			Bottom	395.89	646.10	0.28	18.553	19.450	21407.432
L14	1.11	DX MIN	Top	395.89	-646.10	-0.28	-18.553	-5.576	-34942.645
			Bottom	395.89	-646.10	-0.28	-18.553	-19.450	-21407.432
L14	1.11	DY MAX	Top	136.16	372.64	1.26	98.521	30.462	15873.283
			Bottom	136.16	372.64	1.26	98.521	90.213	16772.835

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L14	1.11	DY MIN	Top	-136.16	-372.64	-1.26	-98.521	-30.562	-15873.283
			Bottom	-136.16	-372.64	-1.26	-98.521	-80.233	-16772.835
L14	12.1	DEAD	Top	-38.79	-0.33	0.00	-0.003	0.010	65.298
			Bottom	-50.11	-0.33	0.00	-0.003	0.083	36.541
L14	12.1	TORX	Top	11.16	31.55	-0.01	0.484	0.531	-1566.749
			Bottom	11.16	31.55	-0.01	0.484	-0.074	1177.722
L14	12.1	TORY	Top	13.71	38.66	-0.01	0.592	0.652	-1920.532
			Bottom	13.71	38.66	-0.01	0.592	-0.091	1442.697
L14	12.1	DX MAX	Top	408.61	687.40	0.35	22.703	6.359	37030.396
			Bottom	408.61	687.40	0.35	22.703	24.188	22926.505
L14	12.1	DX MIN	Top	-408.61	-687.40	-0.35	-22.703	-6.359	-37030.396
			Bottom	-408.61	-687.40	-0.35	-22.703	-24.188	-22926.505
L14	12.1	DY MAX	Top	157.62	299.64	1.10	86.738	26.594	12027.463
			Bottom	157.62	299.64	1.10	86.738	70.734	14099.027
L14	12.1	DY MIN	Top	-157.62	-299.64	-1.10	-86.738	-26.594	-12027.463
			Bottom	-157.62	-299.64	-1.10	-86.738	-70.734	-14099.027
L14	12.2	DEAD	Top	-48.33	0.64	0.00	-0.002	0.001	-130.355
			Bottom	-60.07	0.64	0.00	-0.002	0.007	-74.640
L14	12.2	TORX	Top	-42.09	13.42	0.00	0.380	0.257	-1078.999
			Bottom	-42.09	13.42	0.00	0.380	0.058	88.382
L14	12.2	TORY	Top	-51.42	16.45	0.00	0.464	0.317	-1323.099
			Bottom	-51.42	16.45	0.00	0.464	0.072	108.012
L14	12.2	DX MAX	Top	1010.63	387.83	0.54	5.336	10.266	29143.057
			Bottom	1010.63	387.83	0.54	5.336	37.027	5459.907
L14	12.2	DX MIN	Top	-1010.63	-387.83	-0.54	-5.336	-10.266	-29143.057
			Bottom	-1010.63	-387.83	-0.54	-5.336	-37.027	-5459.907
L14	12.2	DY MAX	Top	452.73	58.22	3.45	19.929	72.857	5364.007
			Bottom	452.73	58.22	3.45	19.929	229.186	922.107
L14	12.2	DY MIN	Top	-452.73	-58.22	-3.45	-19.929	-72.857	-5364.007
			Bottom	-452.73	-58.22	-3.45	-19.929	-229.186	-922.107
L14	A-1	DEAD	Top	-38.69	-0.33	0.00	0.006	-0.021	63.368
			Bottom	-50.00	-0.33	0.00	0.006	-0.083	34.930
L14	A-1	TORX	Top	-13.52	-33.90	-0.01	0.486	0.443	1727.153
			Bottom	-13.52	-33.90	-0.01	0.486	-0.095	-1212.273
L14	A-1	TORY	Top	-16.61	-41.55	-0.01	0.594	0.544	2129.894
			Bottom	-16.61	-41.55	-0.01	0.594	-0.116	-1484.964
L14	A-1	DX MAX	Top	147.28	357.19	1.27	92.059	28.347	14836.280
			Bottom	147.28	357.19	1.27	92.059	83.242	16273.360
L14	A-1	DX MIN	Top	-147.28	-357.19	-1.27	-92.059	-28.347	-14836.280
			Bottom	-147.28	-357.19	-1.27	-92.059	-83.242	-16273.360
L14	A-1	DY MAX	Top	381.91	621.86	0.22	14.809	4.620	33802.678
			Bottom	381.91	621.86	0.22	14.809	14.658	20409.441
L14	A-1	DY MIN	Top	-381.91	-621.86	-0.22	-14.809	-4.620	-33802.678
			Bottom	-381.91	-621.86	-0.22	-14.809	-14.658	-20409.441

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L14	A-2	DEAD	Top	-48.45	0.58	0.00	0.006	-0.005	-127.955
			Bottom	-60.19	0.50	0.00	0.006	0.001	-84.744
L14	A-2	TORX	Top	44.46	-15.72	0.00	0.371	0.186	1251.193
			Bottom	44.46	-15.72	0.00	0.371	0.059	-116.091
L14	A-2	TORY	Top	54.31	-19.27	0.00	0.454	0.229	1534.666
			Bottom	54.31	-19.27	0.00	0.454	0.065	-141.834
L14	A-2	DX MAX	Top	532.38	77.08	3.81	18.523	76.218	7086.396
			Bottom	532.38	77.08	3.81	18.523	256.485	624.238
L14	A-2	DX MIN	Top	-532.38	-77.08	-3.81	-18.523	-76.218	-7086.396
			Bottom	-532.38	-77.08	-3.81	-18.523	-256.485	-624.238
L14	A-2	DY MAX	Top	913.69	357.90	0.65	8.377	13.840	26835.103
			Bottom	913.69	357.90	0.65	8.377	43.537	5047.689
L14	A-2	DY MIN	Top	-913.69	-357.90	-0.65	-8.377	-13.840	-26835.103
			Bottom	-913.69	-357.90	-0.65	-8.377	-43.537	-5047.689
L14	P-1	DEAD	Top	-40.09	-0.75	0.00	-0.001	0.019	88.287
			Bottom	-51.40	-0.75	0.00	-0.001	0.089	23.249
L14	P-1	TORX	Top	13.02	33.70	-0.01	0.485	0.445	-1724.402
			Bottom	13.02	33.70	-0.01	0.485	-0.092	1207.453
L14	P-1	TORY	Top	16.00	41.30	-0.01	0.593	0.546	-2114.382
			Bottom	16.00	41.30	-0.01	0.593	-0.112	1479.050
L14	P-1	DX MAX	Top	155.56	343.43	1.14	80.693	24.712	14117.743
			Bottom	155.56	343.43	1.14	80.693	75.787	15798.460
L14	P-1	DX MIN	Top	-155.56	-343.43	-1.14	-80.693	-24.712	-14117.743
			Bottom	-155.56	-343.43	-1.14	-80.693	-75.787	-15798.460
L14	P-1	DY MAX	Top	403.61	692.43	0.47	31.109	9.528	37284.788
			Bottom	403.61	692.43	0.47	31.109	31.302	23104.199
L14	P-1	DY MIN	Top	-403.61	-692.43	-0.47	-31.109	-9.528	-37284.788
			Bottom	-403.61	-692.43	-0.47	-31.109	-31.302	-23104.199
L14	P-2	DEAD	Top	-46.65	0.50	0.00	-0.003	0.001	-116.709
			Bottom	-58.39	0.50	0.00	-0.003	0.004	-72.931
L14	P-2	TORX	Top	-43.47	15.43	0.00	0.372	0.186	-1334.514
			Bottom	-43.47	15.43	0.00	0.372	0.054	107.489
L14	P-2	TORY	Top	-53.11	18.92	0.00	0.454	0.229	-1514.450
			Bottom	-53.11	18.92	0.00	0.454	0.066	131.415
L14	P-2	DX MAX	Top	505.52	69.58	3.23	20.821	62.695	6538.871
			Bottom	505.52	69.58	3.23	20.821	220.667	867.399
L14	P-2	DX MIN	Top	-505.52	-69.58	-3.23	-20.821	-62.695	-6538.871
			Bottom	-505.52	-69.58	-3.23	-20.821	-220.667	-867.399
L14	P-2	DY MAX	Top	1001.30	387.72	0.79	6.295	15.041	29189.604
			Bottom	1001.30	387.72	0.79	6.295	53.729	5371.652
L14	P-2	DY MIN	Top	-1001.30	-387.72	-0.79	-6.295	-15.041	-29189.604
			Bottom	-1001.30	-387.72	-0.79	-6.295	-53.729	-5371.652
L14	1.9	DEAD	Top	-49.05	-0.63	0.00	-0.002	-0.004	139.514
			Bottom	-60.89	-0.63	0.00	-0.002	0.003	83.338

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L14	1.9	TORX	Top	-42.37	-13.62	0.00	0.383	-0.261	1100.237
			Bottom	-42.37	-13.62	0.00	0.383	-0.062	-84.814
L14	1.9	TORY	Top	-51.76	-16.70	0.00	0.468	-0.321	1349.143
			Bottom	-51.76	-16.70	0.00	0.468	-0.077	-103.659
L14	1.9	DX MAX	Top	967.34	379.29	0.52	4.732	10.501	28430.665
			Bottom	967.34	379.29	0.52	4.732	35.219	5448.049
L14	1.9	DX MIN	Top	-967.34	-379.29	-0.52	-4.732	-10.501	-28430.665
			Bottom	-967.34	-379.29	-0.52	-4.732	-35.219	-5448.049
L14	1.9	DY MAX	Top	563.14	86.35	3.97	21.365	84.411	7906.868
			Bottom	563.14	86.35	3.97	21.365	262.362	642.702
L14	1.9	DY MIN	Top	-563.14	-86.35	-3.97	-21.365	-84.411	-7906.868
			Bottom	-563.14	-86.35	-3.97	-21.365	-262.362	-642.702
L14	12.9	DEAD	Top	-47.99	-0.60	0.00	0.007	0.002	129.414
			Bottom	-59.83	-0.60	0.00	0.007	0.005	77.439
L14	12.9	TORX	Top	41.85	13.54	0.00	0.383	-0.260	-1090.648
			Bottom	41.85	13.54	0.00	0.383	-0.062	87.701
L14	12.9	TORY	Top	51.12	16.60	0.00	0.468	-0.321	-1337.461
			Bottom	51.12	16.60	0.00	0.468	-0.076	107.168
L14	12.9	DX MAX	Top	1000.40	392.00	0.49	4.297	10.081	29441.979
			Bottom	1000.40	392.00	0.49	4.297	33.477	5581.555
L14	12.9	DX MIN	Top	-1000.40	-392.00	-0.49	-4.297	-10.081	-29441.979
			Bottom	-1000.40	-392.00	-0.49	-4.297	-33.477	-5581.555
L14	12.9	DY MAX	Top	534.27	79.48	4.01	21.197	85.179	7262.822
			Bottom	534.27	79.48	4.01	21.197	265.249	655.297
L14	12.9	DY MIN	Top	-534.27	-79.48	-4.01	-21.197	-85.179	-7262.822
			Bottom	-534.27	-79.48	-4.01	-21.197	-265.249	-655.297
L14	A-9	DEAD	Top	-48.48	-0.60	0.00	-0.002	-0.004	130.544
			Bottom	-60.32	-0.60	0.00	-0.003	-0.001	78.504
L14	A-9	TORX	Top	-44.31	-15.87	0.00	0.376	-0.190	1265.660
			Bottom	-44.31	-15.87	0.00	0.376	-0.052	-115.156
L14	A-9	TORY	Top	-54.14	-19.46	0.00	0.459	-0.234	1552.454
			Bottom	-54.14	-19.46	0.00	0.459	-0.064	-140.697
L14	A-9	DX MAX	Top	478.46	59.64	3.21	21.062	62.847	5594.937
			Bottom	478.46	59.64	3.21	21.062	218.255	949.684
L14	A-9	DX MIN	Top	-478.46	-59.64	-3.21	-21.062	-62.847	-5594.937
			Bottom	-478.46	-59.64	-3.21	-21.062	-218.255	-949.684
L14	A-9	DY MAX	Top	922.27	362.45	0.55	6.151	9.642	27249.380
			Bottom	922.27	362.45	0.55	6.151	38.226	5076.702
L14	A-9	DY MIN	Top	-922.27	-362.45	-0.55	-6.151	-9.642	-27249.380
			Bottom	-922.27	-362.45	-0.55	-6.151	-38.226	-5076.702
L14	A-10	DEAD	Top	-38.46	0.42	0.00	-0.001	-0.021	-67.699
			Bottom	-49.67	0.42	0.00	-0.001	-0.083	-31.335
L14	A-10	TORX	Top	13.79	-33.42	0.01	0.476	-0.439	1710.761
			Bottom	13.79	-33.42	0.01	0.476	0.094	-1197.214

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L14	A-10	TORY	Top	16.94	-40.97	0.01	0.582	-0.539	2097.521
			Bottom	16.94	-40.97	0.01	0.582	0.115	-1468.550
L14	A-10	DX MAX	Top	161.70	312.06	1.08	77.099	23.705	12525.562
			Bottom	161.70	312.06	1.08	77.099	71.562	14868.083
L14	A-10	DX MIN	Top	-161.70	-312.06	-1.08	-77.099	-23.705	-12525.562
			Bottom	-161.70	-312.06	-1.08	-77.099	-71.562	-14868.083
L14	A-10	DY MAX	Top	382.23	614.18	0.34	21.572	6.321	33387.459
			Bottom	382.23	614.18	0.34	21.572	23.303	30152.972
L14	A-10	DY MIN	Top	-382.23	-614.18	-0.34	-21.572	-6.321	-33387.459
			Bottom	-382.23	-614.18	-0.34	-21.572	-23.303	-30152.972
L14	P-9	DEAD	Top	-47.41	-0.52	0.00	0.007	0.001	119.669
			Bottom	-59.25	-0.52	0.00	0.007	0.003	74.378
L14	P-9	TORX	Top	45.28	16.09	0.00	0.376	-0.190	-1280.649
			Bottom	45.28	16.09	0.00	0.376	-0.052	119.105
L14	P-9	TORY	Top	55.31	19.73	0.00	0.459	-0.234	-1570.727
			Bottom	55.31	19.73	0.00	0.459	-0.065	145.460
L14	P-9	DX MAX	Top	489.77	64.54	3.20	20.950	62.688	5996.827
			Bottom	489.77	64.54	3.20	20.950	217.790	720.850
L14	P-9	DX MIN	Top	-489.77	-64.54	-3.20	-20.950	-62.688	-5996.827
			Bottom	-489.77	-64.54	-3.20	-20.950	-217.790	-720.850
L14	P-9	DY MAX	Top	1043.19	402.63	0.47	7.336	9.029	30377.561
			Bottom	1043.19	402.63	0.47	7.336	33.398	5565.794
L14	P-9	DY MIN	Top	-1043.19	-402.63	-0.47	-7.336	-9.029	-30377.561
			Bottom	-1043.19	-402.63	-0.47	-7.336	-33.398	-5565.794
L14	P-10	DEAD	Top	-39.11	0.65	0.00	0.003	0.019	-82.217
			Bottom	-50.52	0.65	0.00	0.003	0.082	-26.082
L14	P-10	TORX	Top	-13.88	33.81	0.01	0.477	-0.442	-1729.259
			Bottom	-13.88	33.81	0.01	0.477	0.091	1213.611
L14	P-10	TORY	Top	-17.05	41.43	0.01	0.583	-0.543	-2120.012
			Bottom	-17.05	41.43	0.01	0.583	0.112	1484.517
L14	P-10	DX MAX	Top	155.51	319.43	1.09	77.067	23.631	12945.014
			Bottom	155.51	319.43	1.09	77.067	72.068	14892.779
L14	P-10	DX MIN	Top	-155.51	-319.43	-1.09	-77.067	-23.631	-12945.014
			Bottom	-155.51	-319.43	-1.09	-77.067	-72.068	-14892.779
L14	P-10	DY MAX	Top	418.05	699.21	0.30	21.788	5.894	37558.528
			Bottom	418.05	699.21	0.30	21.788	20.277	23406.732
L14	P-10	DY MIN	Top	-418.05	-699.21	-0.30	-21.788	-5.894	-37558.528
			Bottom	-418.05	-699.21	-0.30	-21.788	-20.277	-23406.732
L14	12.11	DEAD	Top	-39.55	0.42	0.00	0.010	0.009	-70.163
			Bottom	-50.75	0.42	0.00	0.010	0.090	-33.767
L14	12.11	TORX	Top	-11.40	31.12	0.01	0.479	-0.527	-1545.656
			Bottom	-11.40	31.12	0.01	0.479	0.076	1161.831
L14	12.11	TORY	Top	-14.01	38.14	0.01	0.586	-0.648	-1894.711
			Bottom	-14.01	38.14	0.01	0.586	0.092	1423.261

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L14	12.11	DX MAX	Top	413.33	672.56	0.25	18.583	4.966	36312.408
			Bottom	413.33	672.56	0.25	18.583	17.261	22343.433
L14	12.11	DX MIN	Top	-413.33	-672.56	-0.25	-18.583	-4.966	-36312.408
			Bottom	-413.33	-672.56	-0.25	-18.583	-17.261	-22343.433
L14	12.11	DY MAX	Top	134.62	358.40	1.29	100.736	31.208	14902.859
			Bottom	134.62	358.40	1.29	100.736	83.705	16312.103
L14	12.11	DY MIN	Top	-134.62	-358.40	-1.29	-100.736	-31.208	-14902.859
			Bottom	-134.62	-358.40	-1.29	-100.736	-83.705	-16312.102
L13	1.1	DEAD	Top	-58.29	-1.18	0.01	-0.140	-0.219	89.722
			Bottom	-67.40	-1.18	0.01	-0.140	0.189	6.875
L13	1.1	TORX	Top	23.50	-31.73	0.00	0.310	-0.150	782.025
			Bottom	23.50	-31.73	0.00	0.310	-0.409	-1439.301
L13	1.1	TORY	Top	28.77	-38.89	0.00	0.379	-0.184	958.845
			Bottom	28.77	-38.89	0.00	0.379	-0.502	-1763.403
L13	1.1	DX MAX	Top	59.55	668.92	0.15	13.715	12.567	9767.989
			Bottom	59.55	668.92	0.15	13.715	8.417	37671.200
L13	1.1	DX MIN	Top	-59.55	-668.92	-0.15	-13.715	-12.587	-9767.989
			Bottom	-59.55	-668.92	-0.15	-13.715	-8.417	-37671.200
L13	1.1	DY MAX	Top	652.32	290.38	1.02	89.558	43.840	11998.662
			Bottom	652.32	290.38	1.02	89.558	52.130	8618.175
L13	1.1	DY MIN	Top	-652.32	-290.38	-1.02	-89.558	-43.840	-11998.662
			Bottom	-652.32	-290.38	-1.02	-89.558	-52.130	-8618.175
L13	1.2	DEAD	Top	-69.76	1.60	0.00	0.010	0.018	-241.873
			Bottom	-79.20	1.60	0.00	0.010	-0.002	-130.197
L13	1.2	TORX	Top	49.43	-12.92	0.00	0.401	-0.075	329.297
			Bottom	49.43	-12.92	0.00	0.401	-0.301	-675.052
L13	1.2	TORY	Top	60.41	-15.84	0.00	0.490	-0.091	380.651
			Bottom	60.41	-15.84	0.00	0.490	-0.369	-829.060
L13	1.2	DX MAX	Top	1168.88	360.54	0.43	2.247	31.140	4981.628
			Bottom	1168.88	360.54	0.43	2.247	20.848	23020.840
L13	1.2	DX MIN	Top	-1168.88	-360.54	-0.43	-2.247	-31.140	-4981.628
			Bottom	-1168.88	-360.54	-0.43	-2.247	-20.848	-23020.840
L13	1.2	DY MAX	Top	499.53	55.32	3.23	16.796	185.491	3128.701
			Bottom	499.53	55.32	3.23	16.796	141.992	1866.367
L13	1.2	DY MIN	Top	-499.53	-55.32	-3.23	-16.796	-185.491	-3128.701
			Bottom	-499.53	-55.32	-3.23	-16.796	-141.992	-1866.367
L13	1.11	DEAD	Top	-58.00	1.14	0.01	0.131	-0.213	-76.509
			Bottom	-67.01	1.14	0.01	0.131	0.172	3.140
L13	1.11	TORX	Top	-23.67	-31.71	0.00	0.299	0.157	787.864
			Bottom	-23.67	-31.71	0.00	0.299	0.413	-1431.702
L13	1.11	TORY	Top	-28.97	-38.86	0.00	0.365	0.192	961.896
			Bottom	-28.97	-38.86	0.00	0.365	0.506	-1754.026
L13	1.11	DX MAX	Top	64.43	663.31	0.28	19.555	14.992	9844.464
			Bottom	64.43	663.31	0.28	19.555	9.480	37159.716

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L13	1.11	DX MIN							
			Top	-64.43	-663.31	-0.29	-19.555	-14.992	-9844.464
			Bottom	-64.43	-663.31	-0.28	-19.555	-9.480	-37119.716
L13	1.11	DY MAX							
			Top	714.47	370.42	1.10	98.302	48.056	13937.538
			Bottom	714.47	370.42	1.10	98.302	59.409	12101.468
L13	1.11	DY MIN							
			Top	-714.47	-370.42	-1.10	-98.302	-48.056	-13937.538
			Bottom	-714.47	-370.42	-1.10	-98.302	-59.409	-12101.468
L13	12.1	DEAD							
			Top	-58.10	-1.23	-0.01	0.125	0.241	90.885
			Bottom	-67.20	-1.23	-0.01	0.125	-0.152	4.564
L13	12.1	TORX							
			Top	-33.46	31.99	0.00	0.306	-0.191	-787.345
			Bottom	-33.46	31.99	0.00	0.306	-0.443	1451.640
L13	12.1	TORY							
			Top	-28.72	39.20	0.00	0.374	-0.235	-965.360
			Bottom	-28.72	39.20	0.00	0.374	-0.542	1778.418
L13	12.1	DX MAX							
			Top	77.51	705.92	0.38	23.690	18.494	10666.512
			Bottom	77.51	705.92	0.38	23.690	12.728	39257.290
L13	12.1	DX MIN							
			Top	-77.51	-705.92	-0.38	-23.690	-18.494	-10666.512
			Bottom	-77.51	-705.92	-0.38	-23.690	-12.728	-39257.290
L13	12.1	DY MAX							
			Top	652.05	296.57	0.99	86.844	41.300	12104.698
			Bottom	652.05	296.57	0.99	86.844	52.438	8972.295
L13	12.1	DY MIN							
			Top	-652.05	-296.57	-0.99	-86.844	-41.300	-12104.698
			Bottom	-652.05	-296.57	-0.99	-86.844	-52.438	-8972.295
L13	12.2	DEAD							
			Top	-69.64	1.55	0.00	-0.006	-0.011	-244.311
			Bottom	-79.08	1.55	0.00	-0.006	0.001	-135.970
L13	12.2	TORX							
			Top	-50.20	13.98	0.00	0.402	-0.074	-232.234
			Bottom	-50.20	13.98	0.00	0.402	-0.302	674.581
L13	12.2	TORY							
			Top	-61.35	15.92	0.00	0.491	-0.091	-284.230
			Bottom	-61.35	15.92	0.00	0.491	-0.369	829.912
L13	12.2	DX MAX							
			Top	1226.22	374.80	0.55	4.991	27.629	5193.173
			Bottom	1226.22	374.80	0.55	4.991	17.743	23769.654
L13	12.2	DX MIN							
			Top	-1226.22	-374.80	-0.55	-4.991	-27.629	-5193.173
			Bottom	-1226.22	-374.80	-0.55	-4.991	-17.743	-23769.654
L13	12.2	DY MAX							
			Top	498.15	59.20	3.20	17.130	183.119	3106.733
			Bottom	498.15	59.20	3.20	17.130	142.175	2066.272
L13	12.2	DY MIN							
			Top	-498.15	-59.20	-3.20	-17.130	-183.119	-3106.733
			Bottom	-498.15	-59.20	-3.20	-17.130	-142.175	-2066.272
L13	A-1	DEAD							
			Top	-57.97	-1.16	0.01	-0.113	-0.224	85.934
			Bottom	-67.08	-1.16	0.01	-0.113	0.145	4.679
L13	A-1	TORX							
			Top	19.98	-34.44	0.00	0.345	-0.106	774.267
			Bottom	19.98	-34.44	0.00	0.345	-0.361	-1636.434
L13	A-1	TORY							
			Top	24.46	-42.21	0.00	0.421	-0.129	949.501
			Bottom	24.46	-42.21	0.00	0.421	-0.442	-2005.110
L13	A-1	DX MAX							
			Top	706.84	354.96	1.40	101.252	46.331	13632.016
			Bottom	706.84	354.96	1.40	101.252	64.354	11339.867
L13	A-1	DX MIN							
			Top	-706.84	-354.96	-1.40	-101.252	-46.331	-13632.016
			Bottom	-706.84	-354.96	-1.40	-101.252	-64.354	-11339.867

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L13	A-1	DY MAX							
			Top	65.56	639.01	0.23	15.523	12.414	9418.771
			Bottom	65.56	639.01	0.23	15.523	13.799	35895.951
L13	A-1	DY MIN							
			Top	-65.56	-639.01	-0.23	-15.523	-12.414	-9418.771
			Bottom	-65.56	-639.01	-0.23	-15.523	-13.799	-35895.951
L13	A-2	DEAD							
			Top	-69.79	1.33	0.00	0.010	0.014	-263.653
			Bottom	-79.23	1.33	0.00	0.010	-0.007	-170.597
L13	A-2	TORX							
			Top	53.68	-15.18	0.00	0.392	-0.080	333.689
			Bottom	53.68	-15.18	0.00	0.392	-0.233	-829.220
L13	A-2	TORY							
			Top	65.61	-18.62	0.00	0.479	-0.073	286.280
			Bottom	65.61	-18.62	0.00	0.479	-0.285	-1017.006
L13	A-2	DX MAX							
			Top	591.23	79.24	3.93	15.515	190.675	3574.476
			Bottom	591.23	79.24	3.93	15.515	147.594	2616.154
L13	A-2	DX MIN							
			Top	-591.23	-79.24	-3.93	-15.515	-190.675	-3574.476
			Bottom	-591.23	-79.24	-3.93	-15.515	-147.594	-2616.154
L13	A-2	DY MAX							
			Top	1112.11	345.76	0.72	4.748	29.684	4544.488
			Bottom	1112.11	345.76	0.72	4.748	23.298	22009.652
L13	A-2	DY MIN							
			Top	-1112.11	-345.76	-0.72	-4.748	-29.684	-4544.488
			Bottom	-1112.11	-345.76	-0.72	-4.748	-23.298	-22009.652
L13	P-1	DEAD							
			Top	-59.47	-1.75	-0.01	0.104	0.215	96.028
			Bottom	-69.59	-1.75	-0.01	0.104	-0.141	-26.275
L13	P-1	TORX							
			Top	-20.47	34.34	0.00	0.344	-0.105	-761.346
			Bottom	-20.47	34.34	0.00	0.344	-0.363	1642.170
L13	P-1	TORY							
			Top	-25.05	42.08	0.00	0.420	-0.128	-933.796
			Bottom	-25.05	42.08	0.00	0.420	-0.445	2011.984
L13	P-1	DX MAX							
			Top	708.21	341.59	1.39	90.862	39.483	13380.300
			Bottom	708.21	341.59	1.39	90.862	68.186	10713.897
L13	P-1	DX MIN							
			Top	-708.21	-341.59	-1.39	-90.862	-39.483	-13380.300
			Bottom	-708.21	-341.59	-1.39	-90.862	-68.186	-10713.897
L13	P-1	DY MAX							
			Top	88.39	712.63	0.41	31.286	23.892	10512.119
			Bottom	88.39	712.63	0.41	31.286	15.315	39773.766
L13	P-1	DY MIN							
			Top	-88.39	-712.63	-0.41	-31.286	-23.892	-10512.119
			Bottom	-88.39	-712.63	-0.41	-31.286	-15.315	-39773.766
L13	P-2	DEAD							
			Top	-67.68	1.51	0.00	-0.004	-0.014	-220.699
			Bottom	-77.13	1.51	0.00	-0.004	-0.005	-115.328
L13	P-2	TORX							
			Top	-52.54	14.79	0.00	0.392	-0.059	-339.170
			Bottom	-52.54	14.79	0.00	0.392	-0.230	796.474
L13	P-2	TORY							
			Top	-64.22	18.15	0.00	0.479	-0.072	-392.861
			Bottom	-64.22	18.15	0.00	0.479	-0.281	977.403
L13	P-2	DX MAX							
			Top	559.77	71.16	3.84	13.628	158.592	3546.040
			Bottom	559.77	71.16	3.84	13.828	175.485	2272.034
L13	P-2	DX MIN							
			Top	-559.77	-71.16	-3.84	-13.628	-158.592	-3546.040
			Bottom	-559.77	-71.16	-3.84	-13.628	-175.485	-2272.034
L13	P-2	DY MAX							
			Top	1216.26	373.15	0.81	3.792	40.111	5114.374
			Bottom	1216.26	373.15	0.81	3.792	25.280	23613.317

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L13	P-2	DY MIN							
			Top	-1216.26	-373.15	-0.81	-3.792	-40.111	-5114.374
			Bottom	-1216.26	-373.15	-0.81	-3.792	-25.280	-23613.317
L13	1.9	DEAD							
			Top	-70.58	-1.55	0.00	-0.004	0.015	260.400
			Bottom	-80.11	-1.55	0.00	-0.004	-0.005	151.933
L13	1.9	TORX							
			Top	-50.52	-13.21	0.00	0.405	0.077	236.425
			Bottom	-50.52	-13.21	0.00	0.405	0.320	-688.490
L13	1.9	TORY							
			Top	-61.74	-16.20	0.00	0.495	0.094	289.342
			Bottom	-61.74	-16.20	0.00	0.495	0.391	-844.548
L13	1.9	DX MAX							
			Top	1174.46	367.19	0.49	3.946	27.149	4942.283
			Bottom	1174.46	367.19	0.49	3.946	15.545	23622.688
L13	1.9	DX MIN							
			Top	-1174.46	-367.19	-0.49	-3.946	-27.149	-4942.283
			Bottom	-1174.46	-367.19	-0.49	-3.946	-15.545	-23622.688
L13	1.9	DY MAX							
			Top	627.67	88.84	3.53	20.476	211.856	3798.018
			Bottom	627.67	88.84	3.53	20.476	155.562	2980.694
L13	1.9	DY MIN							
			Top	-627.67	-88.84	-3.53	-20.476	-211.856	-3798.018
			Bottom	-627.67	-88.84	-3.53	-20.476	-155.562	-2980.694
L13	12.9	DEAD							
			Top	-69.33	-1.58	0.00	0.007	-0.011	237.004
			Bottom	-78.96	-1.58	0.00	0.007	-0.004	126.389
L13	12.9	TORX							
			Top	49.93	13.13	0.00	0.405	0.078	-230.098
			Bottom	49.93	13.13	0.00	0.405	0.319	688.993
L13	12.9	TORY							
			Top	61.03	16.10	0.00	0.494	0.095	-281.646
			Bottom	61.03	16.10	0.00	0.494	0.391	845.143
L13	12.9	DX MAX							
			Top	1215.15	379.54	0.44	3.485	26.120	5153.917
			Bottom	1215.15	379.54	0.44	3.485	17.969	24305.573
L13	12.9	DX MIN							
			Top	-1215.15	-379.54	-0.44	-3.485	-26.120	-5153.917
			Bottom	-1215.15	-379.54	-0.44	-3.485	-17.969	-24305.573
L13	12.9	DY MAX							
			Top	593.42	83.41	3.56	20.176	214.052	3530.660
			Bottom	593.42	83.41	3.56	20.176	155.411	2961.270
L13	12.9	DY MIN							
			Top	-593.42	-83.41	-3.56	-20.176	-214.052	-3530.660
			Bottom	-593.42	-83.41	-3.56	-20.176	-155.411	-2961.270
L13	A-9	DEAD							
			Top	-69.94	-1.51	0.00	-0.006	0.013	249.740
			Bottom	-79.44	-1.51	0.00	-0.006	-0.010	143.829
L13	A-9	TORX							
			Top	-53.55	-15.35	0.00	0.394	0.060	234.641
			Bottom	-53.55	-15.35	0.00	0.394	0.325	-839.544
L13	A-9	TORY							
			Top	-65.45	-18.82	0.00	0.482	0.072	287.387
			Bottom	-65.45	-18.82	0.00	0.482	0.276	-1029.793
L13	A-9	DX MAX							
			Top	526.05	61.53	3.72	13.101	158.820	3275.941
			Bottom	526.05	61.53	3.72	13.101	168.073	1989.945
L13	A-9	DX MIN							
			Top	-526.05	-61.53	-3.72	-13.101	-158.820	-3275.941
			Bottom	-526.05	-61.53	-3.72	-13.101	-168.073	-1989.945
L13	A-9	DY MAX							
			Top	1122.19	350.14	0.66	4.424	35.823	4707.985
			Bottom	1122.19	350.14	0.66	4.424	22.389	22242.669
L13	A-9	DY MIN							
			Top	-1122.19	-350.14	-0.66	-4.424	-35.823	-4707.985
			Bottom	-1122.19	-350.14	-0.66	-4.424	-22.389	-22242.669

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L13	A-10	DEAD							
			Top	-57.51	1.33	0.01	0.114	-0.225	-88.109
			Bottom	-66.53	1.33	0.01	0.114	0.143	4.723
L13	A-10	TORX							
			Top	-19.39	-33.96	0.00	0.340	0.105	763.941
			Bottom	-19.39	-33.96	0.00	0.340	0.354	-1613.000
L13	A-10	TORY							
			Top	-23.73	-41.62	0.00	0.416	0.128	936.839
			Bottom	-23.73	-41.62	0.00	0.416	0.434	-1976.388
L13	A-10	DX MAX							
			Top	692.57	308.57	1.30	86.808	37.556	12531.556
			Bottom	692.57	308.57	1.30	86.808	63.195	9306.560
L13	A-10	DX MIN							
			Top	-692.57	-308.57	-1.30	-86.808	-37.556	-12531.556
			Bottom	-692.57	-308.57	-1.30	-86.808	-63.195	-9306.560
L13	A-10	DY MAX							
			Top	59.67	631.50	0.31	22.778	17.343	9323.686
			Bottom	59.67	631.50	0.31	22.778	9.714	35426.517
L13	A-10	DY MIN							
			Top	-59.67	-631.50	-0.31	-22.778	-17.343	-9323.686
			Bottom	-59.67	-631.50	-0.31	-22.778	-9.714	-35426.517
L13	P-9	DEAD							
			Top	-68.69	-1.49	0.00	0.009	-0.016	230.639
			Bottom	-78.21	-1.49	0.00	0.009	-0.008	126.635
L13	P-9	TORX							
			Top	54.65	15.56	0.00	0.395	0.059	-235.729
			Bottom	54.65	15.56	0.00	0.395	0.225	853.108
L13	P-9	TORY							
			Top	66.79	19.07	0.00	0.483	0.072	-288.792
			Bottom	66.79	19.07	0.00	0.483	0.276	1046.326
L13	P-9	DX MAX							
			Top	539.76	66.72	3.70	13.135	158.585	3269.851
			Bottom	539.76	66.72	3.70	13.135	167.860	2158.948
L13	P-9	DX MIN							
			Top	-539.76	-66.72	-3.70	-13.135	-158.585	-3269.851
			Bottom	-539.76	-66.72	-3.70	-13.135	-167.860	-2158.948
L13	P-9	DY MAX							
			Top	1265.36	389.73	0.60	3.606	24.531	5148.835
			Bottom	1265.36	389.73	0.60	3.606	33.561	24725.942
L13	P-9	DY MIN							
			Top	-1265.36	-389.73	-0.60	-3.606	-24.531	-5148.835
			Bottom	-1265.36	-389.73	-0.60	-3.606	-33.561	-24725.942
L13	P-10	DEAD							
			Top	-58.24	1.60	-0.01	-0.112	0.222	-96.321
			Bottom	-67.26	1.60	-0.01	-0.112	-0.162	15.949
L13	P-10	TORX							
			Top	19.54	34.35	0.00	0.337	0.109	-767.732
			Bottom	19.54	34.35	0.00	0.337	0.353	1636.500
L13	P-10	TORY							
			Top	23.92	42.09	0.00	0.412	0.132	-941.487
			Bottom	23.92	42.09	0.00	0.412	0.433	2004.940
L13	P-10	DX MAX							
			Top	681.76	316.00	1.31	87.173	37.862	12571.753
			Bottom	681.76	316.00	1.31	87.173	63.839	9739.428
L13	P-10	DX MIN							
			Top	-681.76	-316.00	-1.31	-87.173	-37.862	-12571.753
			Bottom	-681.76	-316.00	-1.31	-87.173	-63.839	-9739.428
L13	P-10	DY MAX							
			Top	81.08	717.71	0.29	18.798	18.410	10890.905
			Bottom	81.08	717.71	0.29	18.798	20.279	39665.967
L13	P-10	DY MIN							
			Top	-81.08	-717.71	-0.29	-18.798	-18.410	-10890.905
			Bottom	-81.08	717.71	-0.29	-18.798	-20.279	-39665.967
L13	12.11	DEAD							
			Top	-59.01	1.40	-0.01	-0.098	0.221	-84.254
			Bottom	-68.01	1.40	-0.01	-0.098	-0.129	13.457

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L13	12.11	TORX	Top	23.07	31.54	0.00	0.303	0.191	-781.190
			Bottom	23.07	31.54	0.00	0.303	0.456	1426.584
L13	12.11	TORY	Top	28.25	38.65	0.00	0.370	0.233	-957.600
			Bottom	28.25	38.65	0.00	0.370	0.558	1747.791
L13	12.11	DX MAX	Top	64.61	690.58	0.24	16.952	14.705	10467.226
			Bottom	64.61	690.58	0.24	16.952	9.587	38404.568
L13	12.11	DX MIN	Top	-64.61	-690.58	-0.24	-16.952	-14.705	-10467.226
			Bottom	-64.61	-690.58	-0.24	-16.952	-9.587	-38404.568
L13	12.11	DY MAX	Top	704.23	355.67	1.13	100.836	49.913	13600.230
			Bottom	704.23	355.67	1.13	100.836	59.693	11422.634
L13	12.11	DY MIN	Top	-704.23	-355.67	-1.13	-100.836	-49.913	-13600.230
			Bottom	-704.23	-355.67	-1.13	-100.836	-59.693	-11422.634
L12	1.1	DEAD	Top	-78.54	3.04	0.00	0.052	-0.013	-43.924
			Bottom	-93.14	3.06	0.02	-1.072	0.272	230.624
L12	1.1	TORX	Top	24.89	-19.81	0.00	0.191	-0.472	263.378
			Bottom	38.24	-19.80	-0.01	0.911	-0.094	-767.158
L12	1.1	TORY	Top	30.53	-24.27	0.00	0.233	-0.578	320.926
			Bottom	46.87	-24.25	-0.01	1.120	-0.118	-940.078
L12	1.1	DX MAX	Top	149.66	399.97	0.31	24.774	5.798	8631.297
			Bottom	138.21	399.65	0.63	13.408	27.429	24214.555
L12	1.1	DX MIN	Top	-149.66	-399.97	-0.31	-24.774	-5.798	-8631.297
			Bottom	-138.21	-399.65	-0.63	-13.408	-27.429	-24214.555
L12	1.1	DY MAX	Top	807.18	239.92	1.25	111.627	45.082	8084.469
			Bottom	982.00	239.82	2.39	71.671	117.169	3157.738
L12	1.1	DY MIN	Top	-807.18	-239.92	-1.25	-111.627	-45.082	-8084.469
			Bottom	-982.00	-239.82	-2.39	-71.671	-117.169	-3157.738
L12	1.2	DEAD	Top	-99.21	19.34	0.00	0.018	-0.001	-285.470
			Bottom	-114.48	19.34	0.00	0.018	-0.015	1328.864
L12	1.2	TORX	Top	68.46	-30.92	0.00	0.180	-0.405	74.646
			Bottom	68.46	-30.92	0.00	0.180	-0.447	-2646.218
L12	1.2	TORY	Top	83.70	-37.81	0.00	0.219	-0.496	90.159
			Bottom	83.70	-37.81	0.00	0.219	-0.550	-3237.182
L12	1.2	DX MAX	Top	1619.11	777.87	0.63	19.989	13.882	9799.072
			Bottom	1619.11	777.87	0.63	19.989	47.508	72735.794
L12	1.2	DX MIN	Top	-1619.11	-777.87	-0.63	-19.989	-13.882	-9799.072
			Bottom	-1619.11	-777.87	-0.63	-19.989	-47.508	-72735.794
L12	1.2	DY MAX	Top	634.54	237.70	4.62	124.871	99.522	5810.524
			Bottom	634.54	237.70	4.62	124.871	367.142	15596.861
L12	1.2	DY MIN	Top	-634.54	-237.70	-4.62	-124.871	-99.522	-5810.524
			Bottom	-634.54	-237.70	-4.62	-124.871	-367.142	-15596.861
L12	1.11	DEAD	Top	-78.15	-4.08	0.00	-0.038	-0.016	88.293
			Bottom	-93.42	-4.08	0.02	1.104	0.261	-233.000
L12	1.11	TORX	Top	-24.87	-20.09	0.00	0.189	0.481	283.234
			Bottom	-38.45	-20.08	0.01	0.904	0.089	-765.585

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L12	1.11	TORY	Top	-30.48	-24.61	0.00	0.230	0.589	346.431
			Bottom	-47.13	-24.59	0.01	1.111	0.111	-938.067
L12	1.11	DX MAX	Top	146.40	396.94	0.33	19.509	7.608	8554.364
			Bottom	140.95	396.61	0.33	12.204	22.097	23601.242
L12	1.11	DX MIN	Top	-146.40	-396.94	-0.33	-19.509	-7.608	-8554.364
			Bottom	-140.95	-396.61	-0.33	-12.204	-22.097	-23601.242
L12	1.11	DY MAX	Top	867.55	280.80	1.43	127.554	50.005	8716.148
			Bottom	1071.80	280.69	2.70	81.649	133.628	4107.245
L12	1.11	DY MIN	Top	-867.55	-280.80	-1.43	-127.554	-50.005	-8716.148
			Bottom	-1071.80	-280.69	-2.70	-81.649	-133.628	-4107.245
L12	12.1	DEAD	Top	-78.38	3.17	0.00	-0.037	0.088	-50.974
			Bottom	-92.94	3.19	-0.02	0.964	-0.308	236.429
L12	12.1	TORX	Top	-24.77	20.13	0.00	0.243	-0.480	-269.909
			Bottom	-38.24	20.12	-0.01	1.086	-0.005	781.909
L12	12.1	TORY	Top	-30.38	24.66	0.00	0.296	-0.588	-330.136
			Bottom	-46.87	24.64	-0.02	1.335	-0.009	958.009
L12	12.1	DX MAX	Top	122.70	425.85	0.40	24.124	10.550	8960.859
			Bottom	155.99	425.47	0.32	16.848	27.717	24963.844
L12	12.1	DX MIN	Top	-122.70	-425.85	-0.40	-24.124	-10.550	-8960.859
			Bottom	-155.99	-425.47	-0.32	-16.848	-27.717	-24963.844
L12	12.1	DY MAX	Top	806.70	234.62	1.25	112.083	44.414	7825.410
			Bottom	977.42	234.51	2.40	72.869	117.932	3203.054
L12	12.1	DY MIN	Top	-806.70	-234.62	-1.25	-112.083	-44.414	-7825.410
			Bottom	-977.42	-234.51	-2.40	-72.869	-117.932	-3203.054
L12	12.2	DEAD	Top	-99.13	18.51	0.00	-0.018	-0.004	-291.389
			Bottom	-114.39	18.51	0.00	-0.018	0.012	1327.893
L12	12.2	TORX	Top	-69.49	31.54	0.00	0.182	-0.404	-80.302
			Bottom	-69.49	31.54	0.00	0.182	-0.449	2695.013
L12	12.2	TORY	Top	-84.96	38.56	0.00	0.221	-0.494	-97.063
			Bottom	-84.96	38.56	0.00	0.221	-0.552	3296.526
L12	12.2	DX MAX	Top	1696.46	811.33	0.43	12.383	16.434	9977.152
			Bottom	1696.46	811.33	0.43	12.383	32.192	75480.552
L12	12.2	DX MIN	Top	-1696.46	-811.33	-0.43	-12.383	-16.434	-9977.152
			Bottom	-1696.46	-811.33	-0.43	-12.383	-32.192	-75480.552
L12	12.2	DY MAX	Top	634.15	234.90	4.62	124.942	98.968	5562.548
			Bottom	634.15	234.90	4.62	124.942	366.380	15634.588
L12	12.2	DY MIN	Top	-634.15	-234.90	-4.62	-124.942	-98.968	-5562.548
			Bottom	-634.15	-234.90	-4.62	-124.942	-366.380	-15634.588
L12	A-1	DEAD	Top	-77.86	3.61	0.00	0.039	-0.073	-74.095
			Bottom	-92.72	3.63	0.02	-0.965	0.308	235.786
L12	A-1	TORX	Top	19.20	-21.03	0.00	0.375	-0.382	205.515
			Bottom	32.67	-21.01	-0.01	1.007	0.027	-924.911
L12	A-1	TORY	Top	23.54	-25.76	0.00	0.325	-0.467	251.446
			Bottom	40.03	-25.74	-0.02	1.236	0.030	-1133.873

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L12	A-1	DX MAX	Top	863.84	275.84	1.69	121.264	63.440	8762.791
			Bottom	1058.12	275.72	2.64	91.593	127.176	3797.287
L12	A-1	DX MIN	Top	-863.84	-275.84	-1.69	-121.264	-63.440	-8762.791
			Bottom	-1058.12	-275.72	-2.64	-91.593	-127.176	-3797.287
L12	A-1	DY MAX	Top	152.30	376.13	0.53	33.654	11.830	7827.465
			Bottom	143.81	377.65	0.68	19.324	38.436	32998.135
L12	A-1	DY MIN	Top	-152.30	-376.13	-0.53	-33.654	-11.830	-7827.465
			Bottom	-143.81	-377.65	-0.68	-19.324	-38.436	-32998.135
L12	A-2	DEAD	Top	-99.69	20.17	0.00	0.020	-0.005	-325.879
			Bottom	-114.95	20.17	0.00	0.020	-0.015	1448.906
L12	A-2	TORX	Top	75.06	-34.46	0.00	0.213	-0.320	7.242
			Bottom	75.06	-34.46	0.00	0.213	-0.335	-3025.655
L12	A-2	TORY	Top	91.79	-42.17	0.00	0.259	-0.392	7.758
			Bottom	91.79	-42.17	0.00	0.259	-0.411	-3703.164
L12	A-2	DX MAX	Top	758.37	286.98	4.11	122.440	120.694	6082.240
			Bottom	758.37	286.98	4.11	122.440	304.796	19497.471
L12	A-2	DX MIN	Top	-758.37	-286.98	-4.11	-122.440	-120.694	-6082.240
			Bottom	-758.37	-286.98	-4.11	-122.440	-304.796	-19497.471
L12	A-2	DY MAX	Top	1543.78	733.10	0.45	34.759	20.627	8937.689
			Bottom	1543.78	733.10	0.45	34.759	24.418	68711.439
L12	A-2	DY MIN	Top	-1543.78	-733.10	-0.45	-34.759	-20.627	-8937.689
			Bottom	-1543.78	-733.10	-0.45	-34.759	-24.418	-68711.439
L12	P-1	DEAD	Top	-80.70	1.91	0.00	-0.036	0.059	-13.436
			Bottom	-95.13	1.93	-0.02	1.001	-0.310	169.829
L12	P-1	TORX	Top	-19.63	19.82	0.00	0.370	-0.382	-162.432
			Bottom	-32.16	19.80	-0.01	0.972	0.022	890.490
L12	P-1	TORY	Top	-24.07	24.39	0.00	0.339	-0.468	-199.090
			Bottom	-39.90	24.27	-0.02	1.194	0.024	1093.054
L12	P-1	DX MAX	Top	865.92	354.47	1.72	128.017	59.706	8184.622
			Bottom	1054.53	354.35	2.81	94.935	133.863	3156.115
L12	P-1	DX MIN	Top	-865.92	-354.47	-1.72	-128.017	-59.706	-8184.622
			Bottom	-1054.53	-354.35	-2.81	-94.935	-133.863	-3156.115
L12	P-1	DY MAX	Top	116.08	395.10	0.51	36.342	15.229	8315.748
			Bottom	147.26	394.59	0.60	19.386	43.051	24384.502
L12	P-1	DY MIN	Top	-116.08	-395.10	-0.51	-36.342	-15.229	-8315.748
			Bottom	-147.26	-394.59	-0.60	-19.386	-43.051	-24384.502
L12	P-2	DEAD	Top	-96.65	15.08	0.00	-0.015	-0.008	-253.995
			Bottom	-111.31	15.08	0.00	-0.015	0.013	1072.938
L12	P-2	TORX	Top	-73.46	35.06	0.00	0.205	-0.320	9.711
			Bottom	-73.46	35.06	0.00	0.205	-0.342	3095.073
L12	P-2	TORY	Top	-89.84	42.88	0.00	0.249	-0.392	12.907
			Bottom	-89.84	42.88	0.00	0.249	-0.420	3786.671
L12	P-2	DX MAX	Top	716.06	274.21	4.99	146.460	126.832	5840.772
			Bottom	716.06	274.21	4.99	146.460	352.950	18615.379

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L12	P-2	DX MIN	Top	-716.06	-274.21	-4.99	-146.460	-126.832	-5840.772
			Bottom	-716.06	-274.21	-4.99	-146.460	-352.950	-18615.379
L12	P-2	DY MAX	Top	1681.11	818.22	0.60	33.191	24.827	9751.197
			Bottom	1681.11	818.22	0.60	23.191	43.523	75616.030
L12	P-2	DY MIN	Top	-1681.11	-818.22	-0.60	-33.191	-24.827	-9751.197
			Bottom	-1681.11	-818.22	-0.60	-23.191	-43.523	-75616.030
L12	1.9	DEAD	Top	-100.63	-19.33	0.00	-0.013	-0.003	323.932
			Bottom	-116.03	-19.33	0.00	-0.013	-0.014	-1376.147
L12	1.9	TORX	Top	-69.89	-31.85	0.00	0.184	0.421	73.557
			Bottom	-69.89	-31.85	0.00	0.184	0.466	-2739.435
L12	1.9	TORY	Top	-85.45	-38.95	0.00	0.223	0.516	88.749
			Bottom	-85.45	-38.95	0.00	0.223	0.548	-3338.817
L12	1.9	DX MAX	Top	1622.12	777.94	0.43	11.852	13.814	10296.400
			Bottom	1622.12	777.94	0.43	11.852	35.644	73381.708
L12	1.9	DX MIN	Top	-1622.12	-777.94	-0.43	-11.852	-13.814	-10296.400
			Bottom	-1622.12	-777.94	-0.43	-11.852	-35.644	-73381.708
L12	1.9	DY MAX	Top	808.34	308.08	5.13	130.982	107.967	6110.100
			Bottom	808.34	308.08	5.13	130.982	413.087	21327.399
L12	1.9	DY MIN	Top	-808.34	-308.08	-5.13	-130.982	-107.967	-6110.100
			Bottom	-808.34	-308.08	-5.13	-130.982	-413.087	-21327.399
L12	12.9	DEAD	Top	-98.43	-16.76	0.00	0.020	-0.005	274.707
			Bottom	-113.83	-16.76	0.00	0.020	0.011	-1200.500
L12	12.9	TORX	Top	69.09	31.62	0.00	0.184	0.421	-60.432
			Bottom	69.09	31.62	0.00	0.184	0.446	2722.427
L12	12.9	TORY	Top	84.48	38.67	0.00	0.224	0.515	-72.792
			Bottom	84.48	38.67	0.00	0.224	0.548	3330.249
L12	12.9	DX MAX	Top	1681.05	808.23	0.57	17.709	13.274	10393.960
			Bottom	1681.05	808.23	0.57	17.709	46.314	76001.077
L12	12.9	DX MIN	Top	-1681.05	-808.23	-0.57	-17.709	-13.274	-10393.960
			Bottom	-1681.05	-808.23	-0.57	-17.709	-46.314	-76001.077
L12	12.9	DY MAX	Top	757.92	280.79	5.13	130.772	108.408	5817.415
			Bottom	757.92	280.79	5.13	130.772	414.088	19313.935
L12	12.9	DY MIN	Top	-757.92	-280.79	-5.13	-130.772	-108.408	-5817.415
			Bottom	-757.92	-280.79	-5.13	-130.772	-414.088	-19313.935
L12	A-9	DEAD	Top	-99.63	-18.79	0.00	-0.016	-0.004	297.405
			Bottom	-115.03	-18.79	0.00	-0.016	-0.014	-1355.829
L12	A-9	TORX	Top	-74.96	-35.06	0.00	0.203	0.317	-9.384
			Bottom	-74.96	-35.06	0.00	0.203	0.349	-3095.034
L12	A-9	TORY	Top	-91.66	-42.90	0.00	0.248	0.388	-12.721
			Bottom	-91.66	-42.90	0.00	0.248	0.428	-3787.545
L12	A-9	DX MAX	Top	667.22	243.57	4.84	145.352	121.732	5747.632
			Bottom	667.22	243.57	4.84	145.352	348.615	18104.615
L12	A-9	DX MIN	Top	-667.22	-243.57	-4.84	-145.352	-121.732	-5747.632
			Bottom	-667.22	-243.57	-4.84	-145.352	-348.615	-18104.615

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L12	A-9	DY MAX							
			Top	1559.73	760.79	0.52	15.509	22.133	9213.884
			Bottom	1559.73	760.79	0.52	15.509	27.908	71322.769
L12	A-9	DY MIN							
			Top	-1559.73	-760.79	-0.52	-15.509	-22.133	-9213.884
			Bottom	-1559.73	-760.79	-0.52	-15.509	-27.908	-71322.769
L12	A-10	DEAD							
			Top	-77.67	-3.41	0.00	-0.033	-0.075	60.827
			Bottom	-92.36	-3.43	0.02	0.959	0.304	-233.554
L12	A-10	TORX							
			Top	-18.40	-20.86	0.00	0.265	0.378	314.952
			Bottom	-31.75	-20.95	0.01	0.975	-0.029	-913.541
L12	A-10	TORY							
			Top	-22.56	-25.56	0.00	0.323	0.463	362.936
			Bottom	-38.91	-25.54	0.02	1.197	-0.032	-1119.824
L12	A-10	DX MAX							
			Top	843.32	243.00	1.59	120.009	56.317	8059.279
			Bottom	1022.14	242.90	2.67	88.737	125.260	3051.187
L12	A-10	DX MIN							
			Top	-843.32	-243.00	-1.59	-120.009	-56.317	-8059.279
			Bottom	-1022.14	-242.90	-2.67	-88.737	-125.260	-3051.187
L12	A-10	DY MAX							
			Top	163.98	384.84	0.35	21.128	9.298	7692.109
			Bottom	138.90	384.38	0.39	12.861	24.930	22813.575
L12	A-10	DY MIN							
			Top	-163.98	-384.84	-0.35	-21.128	-9.298	-7692.109
			Bottom	-138.90	-384.38	-0.39	-12.861	-24.930	-22813.575
L12	P-9	DEAD							
			Top	-97.55	-16.77	0.00	0.021	-0.010	254.863
			Bottom	-112.95	-16.77	0.00	0.021	0.015	-1220.539
L12	P-9	TORX							
			Top	76.34	35.60	0.00	0.204	0.317	13.263
			Bottom	76.34	35.60	0.00	0.204	0.349	3146.193
L12	P-9	TORY							
			Top	93.36	43.55	0.00	0.249	0.388	17.266
			Bottom	93.36	43.55	0.00	0.248	0.429	3850.101
L12	P-9	DX MAX							
			Top	684.95	254.06	4.83	145.038	121.280	5715.140
			Bottom	684.95	254.06	4.83	145.038	346.788	17066.337
L12	P-9	DX MIN							
			Top	-684.95	-254.06	-4.83	-145.038	-121.280	-5715.140
			Bottom	-684.95	-254.06	-4.83	-145.038	-346.788	-17066.337
L12	P-9	DY MAX							
			Top	1750.61	838.27	0.91	35.587	20.287	10043.847
			Bottom	1750.61	838.27	0.91	35.587	65.658	78491.715
L12	P-9	DY MIN							
			Top	-1750.61	-838.27	-0.91	-35.587	-20.287	-10043.847
			Bottom	-1750.61	-838.27	-0.91	-35.587	-65.658	-78491.715
L12	P-10	DEAD							
			Top	-78.73	-1.99	0.00	0.046	0.058	14.039
			Bottom	-92.61	-2.02	-0.02	-0.932	-0.318	-198.634
L12	P-10	TORX							
			Top	18.42	21.10	0.00	0.269	0.377	-212.669
			Bottom	33.00	21.08	0.01	0.980	-0.030	924.438
L12	P-10	TORY							
			Top	21.58	25.85	0.00	0.329	0.461	-260.332
			Bottom	39.32	25.83	0.02	1.204	-0.035	1133.187
L12	P-10	DX MAX							
			Top	839.06	249.62	1.62	121.066	56.438	8118.330
			Bottom	1017.01	249.51	2.66	89.437	126.471	3386.619
L12	P-10	DX MIN							
			Top	-839.06	-249.62	-1.62	-121.066	-56.438	-8118.330
			Bottom	-1017.01	-249.51	-2.66	-89.437	-126.471	-3386.619
L12	P-10	DY MAX							
			Top	120.61	428.51	0.67	49.854	11.628	8256.302
			Bottom	159.30	428.06	0.93	26.733	55.801	24915.357

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L12	P-10	DY MIN							
			Top	-120.61	-428.51	-0.67	-49.854	-11.628	-8256.302
			Bottom	-159.30	-428.06	-0.93	-26.733	-55.801	-24915.357
L12	12.11	DEAD							
			Top	-79.88	-2.73	0.00	0.035	0.059	41.563
			Bottom	-94.74	-2.75	-0.02	-0.992	-0.280	-184.498
L12	12.11	TORX							
			Top	24.00	19.48	0.00	0.230	0.484	-262.234
			Bottom	36.92	19.46	0.01	1.062	0.033	767.081
L12	12.11	TORY							
			Top	29.43	23.86	0.00	0.280	0.593	-320.917
			Bottom	45.26	23.84	0.02	1.304	0.042	939.977
L12	12.11	DX MAX							
			Top	137.56	410.44	0.32	23.821	6.814	8528.579
			Bottom	138.38	410.11	0.51	13.524	27.013	24351.822
L12	12.11	DX MIN							
			Top	-137.56	-410.44	-0.32	-23.821	-6.814	-8528.579
			Bottom	-138.38	-410.11	-0.51	-13.524	-27.013	-24351.822
L12	12.11	DY MAX							
			Top	856.07	256.55	1.43	126.867	50.540	8183.780
			Bottom	1041.24	256.47	2.69	82.461	132.820	3614.746
L12	12.11	DY MIN							
			Top	-856.07	-256.55	-1.43	-126.867	-50.540	-8183.780
			Bottom	-1041.24	-256.47	-2.69	-82.461	-132.820	-3614.746
L11	1.1	DEAD							
			Top	-105.47	-3.24	0.01	-0.323	-0.342	237.868
			Bottom	-115.34	-3.24	0.01	-0.323	0.292	46.694
L11	1.1	TORX							
			Top	30.95	-13.01	0.00	0.225	-0.403	-52.989
			Bottom	30.95	-13.01	0.00	0.225	-0.467	-820.611
L11	1.1	TORY							
			Top	38.03	-15.95	0.00	0.276	-0.493	-66.304
			Bottom	38.03	-15.95	0.00	0.276	-0.576	-1007.441
L11	1.1	DX MAX							
			Top	139.98	266.64	0.34	25.171	10.427	11732.757
			Bottom	139.98	266.64	0.34	25.171	12.102	23979.467
L11	1.1	DX MIN							
			Top	-139.98	-266.64	-0.34	-25.171	-10.427	-11732.757
			Bottom	-139.98	-266.64	-0.34	-25.171	-12.102	-23979.467
L11	1.1	DY MAX							
			Top	939.74	175.01	1.15	111.487	21.639	6079.850
			Bottom	939.74	175.01	1.15	111.487	50.443	4869.318
L11	1.1	DY MIN							
			Top	-939.74	-175.01	-1.15	-111.487	-21.639	-6079.850
			Bottom	-939.74	-175.01	-1.15	-111.487	-50.443	-4869.318
L11	1.2	DEAD							
			Top	-128.10	12.93	0.00	0.028	0.002	-660.268
			Bottom	-140.54	12.93	0.00	0.028	-0.041	102.696
L11	1.2	TORX							
			Top	66.65	-19.31	0.00	0.267	-0.388	-100.559
			Bottom	66.65	-19.31	0.00	0.267	-0.400	-1239.587
L11	1.2	TORY							
			Top	81.49	-23.62	0.00	0.326	-0.477	-127.375
			Bottom	81.49	-23.62	0.00	0.326	-0.492	-1521.011
L11	1.2	DX MAX							
			Top	1485.75	416.48	0.72	25.224	16.679	14741.293
			Bottom	1485.75	416.48	0.72	25.224	26.573	38161.102
L11	1.2	DX MIN							
			Top	-1485.75	-416.48	-0.72	-25.224	-16.679	-14741.293
			Bottom	-1485.75	-416.48	-0.72	-25.224	-26.573	-38161.102
L11	1.2	DY MAX							
			Top	671.32	200.35	5.35	125.944	107.046	8032.101
			Bottom	671.32	200.35	5.35	125.944	215.785	5549.526
L11	1.2	DY MIN							
			Top	-671.32	-200.35	-5.35	-125.944	-107.046	-8032.101
			Bottom	-671.32	-200.35	-5.35	-125.944	-215.785	-5549.526

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	1.3	DEAD							
			Top	-22.52	11.12	0.00	0.001	-0.005	-430.663
			Bottom	-28.05	11.12	0.00	0.001	-0.010	225.609
L11	1.3	TORX							
			Top	11.66	-17.93	0.00	0.113	-0.085	650.072
			Bottom	11.66	-17.93	0.00	0.113	-0.112	-407.812
L11	1.3	TORY							
			Top	14.26	-21.90	0.00	0.139	-0.105	794.049
			Bottom	14.26	-21.90	0.00	0.139	-0.138	-497.849
L11	1.3	DX MAX							
			Top	298.28	467.75	0.19	8.748	4.110	16942.967
			Bottom	298.28	467.75	0.19	8.748	14.519	10658.980
L11	1.3	DX MIN							
			Top	-298.28	-467.75	-0.19	-8.748	-4.110	-16942.967
			Bottom	-298.28	-467.75	-0.19	-8.748	-14.519	-10658.980
L11	1.3	DY MAX							
			Top	85.34	120.09	2.54	79.605	36.337	4389.563
			Bottom	85.34	120.09	2.54	79.605	171.121	2698.179
L11	1.3	DY MIN							
			Top	-85.34	-120.09	-2.54	-79.605	-36.337	-4389.563
			Bottom	-85.34	-120.09	-2.54	-79.605	-171.121	-2698.179
L11	1.4	DEAD							
			Top	-15.32	0.53	0.00	0.001	-0.005	-39.467
			Bottom	-21.04	0.53	0.00	0.001	-0.010	-8.278
L11	1.4	TORX							
			Top	3.95	-2.60	0.00	0.083	-0.064	107.294
			Bottom	3.95	-2.60	0.00	0.083	-0.094	-46.401
L11	1.4	TORY							
			Top	4.81	-3.18	0.00	0.102	-0.078	130.973
			Bottom	4.81	-3.18	0.00	0.102	-0.114	-56.868
L11	1.4	DX MAX							
			Top	97.50	85.34	0.22	7.894	6.643	3264.217
			Bottom	97.50	85.34	0.22	7.894	18.933	1772.427
L11	1.4	DX MIN							
			Top	-97.50	-85.34	-0.22	-7.894	-6.643	-3264.217
			Bottom	-97.50	-85.34	-0.22	-7.894	-18.933	-1772.427
L11	1.4	DY MAX							
			Top	29.01	10.11	2.01	130.903	57.949	494.776
			Bottom	29.01	10.11	2.01	130.903	167.866	225.927
L11	1.4	DY MIN							
			Top	-29.01	-10.11	-2.01	-130.903	-57.949	-494.776
			Bottom	-29.01	-10.11	-2.01	-130.903	-167.866	-225.927
L11	1.5	DEAD							
			Top	-9.61	0.05	0.00	0.002	-0.004	-96.151
			Bottom	-15.51	0.05	0.00	0.002	-0.009	-92.973
L11	1.5	TORX							
			Top	-0.74	3.12	0.00	0.056	-0.073	7.130
			Bottom	-0.74	3.12	0.00	0.056	-0.113	132.091
L11	1.5	TORY							
			Top	-0.90	3.57	0.00	0.068	-0.089	8.833
			Bottom	-0.90	3.57	0.00	0.068	-0.134	160.587
L11	1.5	DX MAX							
			Top	9.87	42.85	0.22	7.843	7.514	539.093
			Bottom	9.87	42.85	0.22	7.843	19.526	3026.570
L11	1.5	DX MIN							
			Top	-9.87	-42.85	-0.22	-7.843	-7.514	-539.093
			Bottom	-9.87	-42.85	-0.22	-7.843	-19.526	-3026.570
L11	1.5	DY MAX							
			Top	10.96	22.61	3.83	97.693	68.725	154.032
			Bottom	10.96	22.61	3.83	97.693	221.983	1214.905
L11	1.5	DY MIN							
			Top	-10.96	-22.61	-3.83	-97.693	-68.725	-154.032
			Bottom	-10.96	-22.61	-3.83	-97.693	-221.983	-1214.905
L11	1.11	DEAD							
			Top	-105.25	9.30	0.01	0.120	0.131	-134.959
			Bottom	-115.02	9.30	0.01	0.120	0.299	-59.425

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	1.11	TORX							
			Top	-30.71	-13.24	0.00	0.217	0.405	-33.922
			Bottom	-30.71	-13.24	0.00	0.217	0.474	-814.826
L11	1.11	TORY							
			Top	-37.74	-16.23	0.00	0.266	0.497	-42.945
			Bottom	-37.74	-16.23	0.00	0.266	0.583	-1000.319
L11	1.11	DX MAX							
			Top	136.20	267.44	0.36	20.323	11.908	11388.577
			Bottom	136.20	267.44	0.36	20.323	10.669	23434.459
L11	1.11	DX MIN							
			Top	-136.20	-267.44	-0.36	-20.323	-11.908	-11388.577
			Bottom	-136.20	-267.44	-0.36	-20.323	-10.669	-23434.459
L11	1.11	DY MAX							
			Top	1007.91	201.81	1.35	128.213	24.379	6130.290
			Bottom	1007.91	201.81	1.35	128.213	59.121	6083.218
L11	1.11	DY MIN							
			Top	-1007.91	-201.81	-1.35	-128.213	-24.379	-6130.290
			Bottom	-1007.91	-201.81	-1.35	-128.213	-59.121	-6083.218
L11	12.1	DEAD							
			Top	-105.44	-3.15	-0.01	0.293	0.376	229.783
			Bottom	-115.30	-3.15	-0.01	0.293	-0.254	44.214
L11	12.1	TORX							
			Top	-30.81	13.22	0.00	0.267	-0.389	54.864
			Bottom	-30.81	13.22	0.00	0.267	-0.498	834.927
L11	12.1	TORY							
			Top	-37.87	16.21	0.00	0.327	-0.478	69.531
			Bottom	-37.87	16.21	0.00	0.327	-0.614	1024.855
L11	12.1	DX MAX							
			Top	106.04	286.76	0.42	24.046	12.993	11820.266
			Bottom	106.04	286.76	0.42	24.046	12.356	24833.025
L11	12.1	DX MIN							
			Top	-106.04	-286.76	-0.42	-24.046	-12.993	-11820.266
			Bottom	-106.04	-286.76	-0.42	-24.046	-12.356	-24833.025
L11	12.1	DY MAX							
			Top	935.62	169.92	1.17	111.859	21.910	5835.797
			Bottom	935.62	169.92	1.17	111.859	50.796	4800.785
L11	12.1	DY MIN							
			Top	-935.62	-169.92	-1.17	-111.859	-21.910	-5835.797
			Bottom	-935.62	-169.92	-1.17	-111.859	-50.796	-4800.785
L11	12.2	DEAD							
			Top	-128.02	13.05	0.00	-0.024	-0.027	-658.187
			Bottom	-140.47	13.05	0.00	-0.024	-0.006	111.714
L11	12.2	TORX							
			Top	-67.61	19.64	0.00	0.269	-0.387	105.369
			Bottom	-67.61	19.64	0.00	0.269	-0.460	1243.963
L11	12.2	TORY							
			Top	-82.66	24.02	0.00	0.328	-0.474	133.181
			Bottom	-82.66	24.02	0.00	0.328	-0.492	1550.647
L11	12.2	DX MAX							
			Top	1562.50	438.82	0.49	15.601	9.724	14604.410
			Bottom	1562.50	438.82	0.49	15.601	19.608	39265.187
L11	12.2	DX MIN							
			Top	-1562.50	-438.82	-0.49	-15.601	-9.724	-14604.410
			Bottom	-1562.50	-438.82	-0.49	-15.601	-19.608	-39265.187
L11	12.2	DY MAX							
			Top	668.98	197.85	5.34	126.030	106.668	7749.934
			Bottom	668.98	197.85	5.34	126.030	215.154	5588.149
L11	12.2	DY MIN							
			Top	-668.98	-197.85	-5.34	-126.030	-106.668	-7749.934
			Bottom	-668.98	-197.85	-5.34	-126.030	-215.154	-5588.149
L11	12.3	DEAD							
			Top	-22.56	11.22	0.00	0.002	-0.005	-433.729
			Bottom	-28.09	11.22	0.00	0.002	-0.010	228.686
L11	12.3	TORX							
			Top	-11.88	18.30	0.00	0.113	-0.085	-661.339
			Bottom	-11.88	18.30	0.00	0.113	-0.113	416.504

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	12.3	TORY	Top	-14.52	22.35	0.00	0.139	-0.105	-810.194
			Bottom	-14.52	22.35	0.00	0.139	-0.138	508.419
L11	12.3	DX MAX	Top	310.79	486.84	0.16	7.745	4.142	17636.052
			Bottom	310.79	486.84	0.16	7.745	13.142	11092.448
L11	12.3	DX MIN	Top	-310.79	-486.84	-0.16	-7.745	-4.142	-17636.052
			Bottom	-310.79	-486.84	-0.16	-7.745	-13.142	-11092.448
L11	12.3	DY MAX	Top	85.04	119.00	2.54	79.181	36.336	4354.828
			Bottom	85.04	119.00	2.54	79.181	171.014	2669.153
L11	12.3	DY MIN	Top	-85.04	-119.00	-2.54	-79.181	-36.336	-4354.828
			Bottom	-85.04	-119.00	-2.54	-79.181	-171.014	-2669.153
L11	12.4	DEAD	Top	-15.36	0.54	0.00	0.001	-0.005	-39.888
			Bottom	-21.07	0.54	0.00	0.001	-0.010	-8.167
L11	12.4	TORX	Top	-4.04	2.68	0.00	0.083	-0.064	-110.162
			Bottom	-4.04	2.68	0.00	0.083	-0.094	47.795
L11	12.4	TORY	Top	-4.92	3.27	0.00	0.102	-0.078	-134.484
			Bottom	-4.92	3.27	0.00	0.102	-0.114	58.561
L11	12.4	DX MAX	Top	101.86	87.81	0.22	5.426	6.642	3374.430
			Bottom	101.86	87.81	0.22	5.426	18.645	1808.371
L11	12.4	DX MIN	Top	-101.86	-87.81	-0.22	-5.426	-6.642	-3374.430
			Bottom	-101.86	-87.81	-0.22	-5.426	-18.645	-1808.371
L11	12.4	DY MAX	Top	28.39	10.03	2.00	130.712	57.945	488.586
			Bottom	28.39	10.03	2.00	130.712	167.694	219.571
L11	12.4	DY MIN	Top	-28.39	-10.03	-2.00	-130.712	-57.945	-488.586
			Bottom	-28.39	-10.03	-2.00	-130.712	-167.694	-219.571
L11	12.5	DEAD	Top	-9.59	0.03	0.00	0.002	-0.004	-95.793
			Bottom	-15.49	0.03	0.00	0.002	-0.009	-93.738
L11	12.5	TORX	Top	0.75	-2.16	0.00	0.056	-0.073	-7.660
			Bottom	0.75	-2.16	0.00	0.056	-0.113	-135.305
L11	12.5	TORY	Top	0.91	-2.63	0.00	0.068	-0.089	-9.476
			Bottom	0.91	-2.63	0.00	0.068	-0.138	-164.497
L11	12.5	DX MAX	Top	10.78	45.56	0.20	7.047	7.470	537.112
			Bottom	10.78	45.56	0.20	7.047	18.691	3193.940
L11	12.5	DX MIN	Top	-10.78	-45.56	-0.20	-7.047	-7.470	-537.112
			Bottom	-10.78	-45.56	-0.20	-7.047	-18.691	-3193.940
L11	12.5	DY MAX	Top	10.66	21.94	2.82	97.253	68.727	151.115
			Bottom	10.66	21.94	2.82	97.253	221.858	1177.664
L11	12.5	DY MIN	Top	-10.66	-21.94	-2.82	-97.253	-68.727	-151.115
			Bottom	-10.66	-21.94	-2.82	-97.253	-221.858	-1177.664
L11	A-1	DEAD	Top	-104.62	-3.10	0.01	-0.272	-0.355	213.722
			Bottom	-114.49	-3.10	0.01	-0.272	0.231	30.992
L11	A-1	TORX	Top	24.36	-13.76	0.00	0.239	-0.361	-151.193
			Bottom	24.36	-13.76	0.00	0.239	-0.426	-963.050
L11	A-1	TORY	Top	29.95	-16.88	0.00	0.293	-0.442	-187.063
			Bottom	29.95	-16.88	0.00	0.293	-0.524	-1182.818

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	A-1	DX MAX	Top	1005.72	201.12	1.24	110.424	25.304	6436.351
			Bottom	1005.72	201.12	1.24	110.424	52.742	5729.300
L11	A-1	DX MIN	Top	-1005.72	-201.12	-1.24	-110.424	-25.304	-6436.351
			Bottom	-1005.72	-201.12	-1.24	-110.424	-52.742	-5729.300
L11	A-1	DY MAX	Top	154.68	251.34	0.48	32.519	12.970	10752.787
			Bottom	154.68	251.34	0.48	32.519	16.116	22407.592
L11	A-1	DY MIN	Top	-154.68	-251.34	-0.48	-32.519	-12.970	-10752.787
			Bottom	-154.68	-251.34	-0.48	-32.519	-16.116	-22407.592
L11	A-2	DEAD	Top	-128.23	12.58	0.00	0.028	0.007	-652.428
			Bottom	-140.68	12.58	0.00	0.028	-0.032	89.839
L11	A-2	TORX	Top	72.62	-21.20	0.00	0.259	-0.304	-234.070
			Bottom	72.62	-21.20	0.00	0.259	-0.315	-1484.701
L11	A-2	TORY	Top	88.81	-25.95	0.00	0.316	-0.374	-291.603
			Bottom	88.81	-25.95	0.00	0.316	-0.389	-1822.618
L11	A-2	DX MAX	Top	790.55	231.61	4.60	134.092	99.591	7620.161
			Bottom	790.55	231.61	4.60	134.092	181.523	6806.468
L11	A-2	DX MIN	Top	-790.55	-231.61	-4.60	-134.092	-99.591	-7620.161
			Bottom	-790.55	-231.61	-4.60	-134.092	-181.523	-6806.468
L11	A-2	DY MAX	Top	1424.45	404.77	0.34	42.545	8.389	13018.645
			Bottom	1424.45	404.77	0.34	42.545	13.952	35775.600
L11	A-2	DY MIN	Top	-1424.45	-404.77	-0.34	-42.545	-8.389	-13018.645
			Bottom	-1424.45	-404.77	-0.34	-42.545	-13.952	-35775.600
L11	A-3	DEAD	Top	-23.24	12.08	0.00	0.000	-0.003	-468.134
			Bottom	-28.77	12.08	0.00	0.000	-0.008	244.433
L11	A-3	TORX	Top	14.17	-18.82	0.00	0.082	-0.082	697.918
			Bottom	14.17	-18.82	0.00	0.082	-0.108	-422.642
L11	A-3	TORY	Top	17.33	-23.01	0.00	0.100	-0.101	840.979
			Bottom	17.33	-23.01	0.00	0.100	-0.133	-516.513
L11	A-3	DX MAX	Top	115.01	134.82	1.72	93.279	40.007	4983.645
			Bottom	115.01	134.82	1.72	93.279	129.089	2973.315
L11	A-3	DX MIN	Top	-115.01	-134.82	-1.72	-93.279	-40.007	-4983.645
			Bottom	-115.01	-134.82	-1.72	-93.279	-129.089	-2973.315
L11	A-3	DY MAX	Top	306.34	421.89	0.28	9.517	3.626	15352.051
			Bottom	306.34	421.89	0.28	9.517	17.037	9541.881
L11	A-3	DY MIN	Top	-306.34	-421.89	-0.28	-9.517	-3.626	-15352.051
			Bottom	-306.34	-421.89	-0.28	-9.517	-17.037	-9541.881
L11	A-4	DEAD	Top	-11.28	2.23	0.00	0.001	-0.004	-168.636
			Bottom	-16.99	2.23	0.00	0.001	-0.008	-37.276
L11	A-4	TORX	Top	2.44	-1.71	0.00	0.058	-0.081	127.194
			Bottom	2.44	-1.71	0.00	0.058	-0.124	26.127
L11	A-4	TORY	Top	2.98	-2.10	0.00	0.071	-0.099	155.240
			Bottom	2.98	-2.10	0.00	0.071	-0.151	31.320
L11	A-4	DX MAX	Top	11.71	4.56	2.28	81.584	53.115	813.955
			Bottom	11.71	4.56	2.28	81.584	179.488	812.757

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	A-4	DX MIN	Top	-11.71	-4.56	-2.28	-81.584	-53.115	-813.955
			Bottom	-11.71	-4.56	-2.28	-81.584	-179.488	-812.757
L11	A-4	DY MAX	Top	60.49	46.93	0.24	15.703	4.836	2983.240
			Bottom	60.49	46.93	0.24	15.703	16.757	315.371
L11	A-4	DY MIN	Top	-60.49	-46.93	-0.24	-15.703	-4.836	-2983.240
			Bottom	-60.49	-46.93	-0.24	-15.703	-16.757	-315.371
L11	P-1	DEAD	Top	-108.57	-3.87	-0.01	0.269	0.336	225.980
			Bottom	-118.43	-3.87	-0.01	0.269	-0.254	-3.295
L11	P-1	TORX	Top	-25.25	12.17	0.00	0.235	-0.359	198.124
			Bottom	-25.25	12.17	0.00	0.235	-0.422	916.319
L11	P-1	TORY	Top	-31.03	14.95	0.00	0.288	-0.440	244.008
			Bottom	-31.03	14.95	0.00	0.288	-0.520	1126.141
L11	P-1	DX MAX	Top	1010.25	178.50	1.28	115.831	24.923	6022.350
			Bottom	1010.25	178.50	1.28	115.831	54.748	4864.511
L11	P-1	DX MIN	Top	-1010.25	-178.50	-1.28	-115.831	-24.923	-6022.350
			Bottom	-1010.25	-178.50	-1.28	-115.831	-54.748	-4864.511
L11	P-1	DY MAX	Top	98.96	247.29	0.56	38.062	14.892	12082.618
			Bottom	98.96	247.29	0.56	38.062	18.766	23564.359
L11	P-1	DY MIN	Top	-98.96	-247.29	-0.56	-38.062	-14.892	-12082.618
			Bottom	-98.96	-247.29	-0.56	-38.062	-18.766	-23564.359
L11	P-2	DEAD	Top	-127.85	7.48	0.00	-0.025	-0.022	-583.608
			Bottom	-140.30	7.48	0.00	-0.025	0.002	-142.554
L11	P-2	TORX	Top	-70.44	13.80	0.00	0.262	-0.301	367.839
			Bottom	-70.44	13.80	0.00	0.262	-0.312	1182.026
L11	P-2	TORY	Top	-86.17	16.96	0.00	0.319	-0.370	454.047
			Bottom	-86.17	16.96	0.00	0.319	-0.384	1454.955
L11	P-2	DX MAX	Top	746.90	166.15	4.90	152.451	100.221	7071.893
			Bottom	746.90	166.15	4.90	152.451	198.816	3779.264
L11	P-2	DX MIN	Top	-746.90	-166.15	-4.90	-152.451	-100.221	-7071.893
			Bottom	-746.90	-166.15	-4.90	-152.451	-198.816	-3779.264
L11	P-2	DY MAX	Top	1546.55	283.32	0.67	29.174	14.365	16279.728
			Bottom	1546.55	283.32	0.67	29.174	25.722	32567.728
L11	P-2	DY MIN	Top	-1546.55	-283.32	-0.67	-29.174	-14.365	-16279.728
			Bottom	-1546.55	-283.32	-0.67	-29.174	-25.722	-32567.728
L11	P-3	DEAD	Top	-16.56	8.75	0.00	0.001	-0.003	-368.115
			Bottom	-23.09	8.75	0.00	0.001	-0.007	148.090
L11	P-3	TORX	Top	-7.00	25.35	0.00	0.099	-0.067	-861.303
			Bottom	-7.00	25.35	0.00	0.099	-0.088	634.539
L11	P-3	TORY	Top	-8.61	30.92	0.00	0.121	-0.083	-1050.976
			Bottom	-8.61	30.92	0.00	0.121	-0.108	773.224
L11	P-3	DX MAX	Top	50.52	183.87	2.65	67.333	36.113	6173.460
			Bottom	50.52	183.87	2.65	67.333	176.378	4688.850
L11	P-3	DX MIN	Top	-50.52	-183.87	-2.65	-67.333	-36.113	-6173.460
			Bottom	-50.52	-183.87	-2.65	-67.333	-176.378	-4688.850

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	P-3	DY MAX	Top	187.24	598.42	0.19	7.193	3.984	20394.529
			Bottom	187.24	598.42	0.19	7.193	14.079	14930.517
L11	P-3	DY MIN	Top	-187.24	-598.42	-0.19	-7.193	-3.984	-20394.529
			Bottom	-187.24	-598.42	-0.19	-7.193	-14.079	-14930.517
L11	P-4	DEAD	Top	-16.54	5.08	0.00	0.001	-0.004	-109.869
			Bottom	-22.35	5.08	0.00	0.001	-0.008	190.111
L11	P-4	TORX	Top	-10.50	8.81	0.00	0.077	-0.053	-251.403
			Bottom	-10.50	8.81	0.00	0.077	-0.076	268.311
L11	P-4	TORY	Top	-12.75	10.72	0.00	0.094	-0.065	-305.981
			Bottom	-12.75	10.72	0.00	0.094	-0.093	326.590
L11	P-4	DX MAX	Top	84.93	56.65	1.93	138.500	59.771	1626.944
			Bottom	84.93	56.65	1.93	138.500	168.306	1715.501
L11	P-4	DX MIN	Top	-84.93	-56.65	-1.93	-138.500	-59.771	-1626.944
			Bottom	-84.93	-56.65	-1.93	-138.500	-168.306	-1715.501
L11	P-4	DY MAX	Top	239.31	214.85	0.21	8.876	6.648	6135.903
			Bottom	239.31	214.85	0.21	8.876	19.172	6540.500
L11	P-4	DY MIN	Top	-239.31	-214.85	-0.21	-8.876	-6.648	-6135.903
			Bottom	-239.31	-214.85	-0.21	-8.876	-19.172	-6540.500
L11	P-5	DEAD	Top	-10.40	-0.44	0.00	0.002	-0.004	-153.931
			Bottom	-16.30	-0.44	0.00	0.002	-0.008	-180.144
L11	P-5	TORX	Top	1.71	-5.25	0.00	0.056	-0.069	-20.189
			Bottom	1.71	-5.25	0.00	0.056	-0.113	-330.159
L11	P-5	TORY	Top	2.06	-6.38	0.00	0.068	-0.084	-24.836
			Bottom	2.06	-6.38	0.00	0.068	-0.136	-400.980
L11	P-5	DX MAX	Top	20.00	50.39	2.97	95.087	74.081	84.506
			Bottom	20.00	50.39	2.97	95.087	235.692	2934.277
L11	P-5	DX MIN	Top	-20.00	-50.39	-2.97	-95.087	-74.081	-84.506
			Bottom	-20.00	-50.39	-2.97	-95.087	-235.692	-2934.277
L11	P-5	DY MAX	Top	33.35	115.40	0.25	8.152	7.890	758.859
			Bottom	33.35	115.40	0.25	8.152	21.601	7520.629
L11	P-5	DY MIN	Top	-33.35	-115.40	-0.25	-8.152	-7.890	-758.859
			Bottom	-33.35	-115.40	-0.25	-8.152	-21.601	-7520.629
L11	1.6	DEAD	Top	-9.48	0.12	0.00	-0.001	-0.003	92.597
			Bottom	-15.38	0.12	0.00	-0.001	-0.007	89.756
L11	1.6	TORX	Top	0.80	2.31	0.00	0.057	0.078	5.422
			Bottom	0.80	2.31	0.00	0.057	0.125	134.067
L11	1.6	TORY	Top	0.97	2.69	0.00	0.070	0.091	7.202
			Bottom	0.97	2.69	0.00	0.070	0.153	145.432
L11	1.6	DX MAX	Top	10.18	42.40	0.25	7.517	7.814	564.160
			Bottom	10.18	42.40	0.25	7.517	21.879	3971.668
L11	1.6	DX MIN	Top	-10.18	-42.40	-0.25	-7.517	-7.814	-564.160
			Bottom	-10.18	-42.40	-0.25	-7.517	-21.879	-3971.668
L11	1.6	DY MAX	Top	13.30	27.85	3.10	101.425	74.910	157.219
			Bottom	13.30	27.85	3.10	101.425	245.547	1503.039

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	1.6	DY MIN							
			Top	-13.30	-27.85	-3.10	-102.425	-74.930	-157.219
			Bottom	-13.30	-27.85	-3.10	-102.425	-245.547	-1502.039
L11	1.7	DEAD							
			Top	-15.71	-0.50	0.00	0.000	-0.004	43.397
			Bottom	-21.52	-0.50	0.00	0.000	-0.009	13.678
L11	1.7	TORX							
			Top	-4.16	-2.65	0.00	0.084	0.070	113.396
			Bottom	-4.16	-2.65	0.00	0.084	0.108	-42.861
L11	1.7	TORY							
			Top	-5.06	-3.24	0.00	0.103	0.085	138.613
			Bottom	-5.06	-3.24	0.00	0.103	0.132	-52.574
L11	1.7	DX MAX							
			Top	98.42	85.13	0.21	7.356	7.170	3340.069
			Bottom	98.42	85.13	0.21	7.356	18.223	1685.408
L11	1.7	DX MIN							
			Top	-98.42	-85.13	-0.21	-7.356	-7.170	-3340.069
			Bottom	-98.42	-85.13	-0.21	-7.356	-18.223	-1685.408
L11	1.7	DY MAX							
			Top	39.33	12.75	2.03	137.470	66.508	708.894
			Bottom	39.33	12.75	2.03	137.470	175.232	156.916
L11	1.7	DY MIN							
			Top	-39.33	-12.75	-2.03	-137.470	-66.508	-708.894
			Bottom	-39.33	-12.75	-2.03	-137.470	-175.232	-156.916
L11	1.8	DEAD							
			Top	-22.54	-11.58	0.00	0.000	-0.004	440.862
			Bottom	-27.98	-11.58	0.00	0.000	-0.009	-242.333
L11	1.8	TORX							
			Top	-11.88	-18.38	0.00	0.110	0.089	659.845
			Bottom	-11.88	-18.38	0.00	0.110	0.121	-424.543
L11	1.8	TORY							
			Top	-14.52	-22.44	0.00	0.135	0.109	805.938
			Bottom	-14.52	-22.44	0.00	0.135	0.149	-518.333
L11	1.8	DX MAX							
			Top	296.28	465.34	0.15	7.676	4.175	16719.201
			Bottom	296.28	465.34	0.15	7.676	12.302	10741.046
L11	1.8	DX MIN							
			Top	-296.28	-465.34	-0.15	-7.676	-4.175	-16719.201
			Bottom	-296.28	-465.34	-0.15	-7.676	-12.302	-10741.046
L11	1.8	DY MAX							
			Top	111.37	160.95	2.54	78.953	38.950	5808.403
			Bottom	111.37	160.95	2.54	78.953	172.872	3690.203
L11	1.8	DY MIN							
			Top	-111.37	-160.95	-2.54	-78.953	-38.950	-5808.403
			Bottom	-111.37	-160.95	-2.54	-78.953	-172.872	-3690.203
L11	1.9	DEAD							
			Top	-130.26	-13.73	0.00	-0.022	0.003	708.605
			Bottom	-142.79	-13.73	0.00	-0.022	-0.038	-101.473
L11	1.9	TORX							
			Top	-68.16	-19.89	0.00	0.267	0.398	-105.762
			Bottom	-68.16	-19.89	0.00	0.267	0.420	-1279.524
L11	1.9	TORY							
			Top	-83.34	-24.34	0.00	0.326	0.489	-133.880
			Bottom	-83.34	-24.34	0.00	0.326	0.517	-1569.924
L11	1.9	DX MAX							
			Top	1487.56	416.05	0.54	14.384	10.224	15370.435
			Bottom	1487.56	416.05	0.54	14.384	21.988	38749.021
L11	1.9	DX MIN							
			Top	-1487.56	-416.05	-0.54	-14.384	-10.224	-15370.435
			Bottom	-1487.56	-416.05	-0.54	-14.384	-21.988	-38749.021
L11	1.9	DY MAX							
			Top	838.12	246.40	6.04	132.916	119.337	7682.434
			Bottom	838.12	246.40	6.04	132.916	244.081	7558.494
L11	1.9	DY MIN							
			Top	-838.12	-246.40	-6.04	-132.916	-119.337	-7682.434
			Bottom	-838.12	-246.40	-6.04	-132.916	-244.081	-7558.494

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	12.6	DEAD							
			Top	-9.59	-0.20	0.00	0.000	-0.003	91.468
			Bottom	-15.49	-0.20	0.00	0.000	-0.007	79.560
L11	12.6	TORX							
			Top	-0.77	-2.18	0.00	0.057	0.078	-6.845
			Bottom	-0.77	-2.18	0.00	0.057	0.125	-135.743
L11	12.6	TORY							
			Top	-0.93	-2.65	0.00	0.070	0.095	-8.491
			Bottom	-0.93	-2.65	0.00	0.070	0.152	-165.039
L11	12.6	DX MAX							
			Top	10.97	45.05	0.23	9.224	7.690	516.034
			Bottom	10.97	45.05	0.23	9.224	20.194	3141.052
L11	12.6	DX MIN							
			Top	-10.97	-45.05	-0.23	-9.224	-7.690	-516.034
			Bottom	-10.97	-45.05	-0.23	-9.224	-20.194	-3141.052
L11	12.6	DY MAX							
			Top	12.19	25.59	3.10	102.912	74.932	145.594
			Bottom	12.19	25.59	3.10	102.912	245.878	1382.345
L11	12.6	DY MIN							
			Top	-12.19	-25.59	-3.10	-102.912	-74.932	-145.594
			Bottom	-12.19	-25.59	-3.10	-102.912	-245.878	-1382.345
L11	12.7	DEAD							
			Top	-15.15	-0.17	0.00	0.000	-0.004	28.706
			Bottom	-20.96	-0.17	0.00	0.000	-0.009	18.556
L11	12.7	TORX							
			Top	4.17	2.72	0.00	0.084	0.070	-115.678
			Bottom	4.17	2.72	0.00	0.084	0.108	44.978
L11	12.7	TORY							
			Top	5.07	3.33	0.00	0.103	0.085	-141.191
			Bottom	5.07	3.33	0.00	0.103	0.132	55.151
L11	12.7	DX MAX							
			Top	103.07	88.03	0.24	7.629	7.108	3468.797
			Bottom	103.07	88.03	0.24	7.629	19.692	1727.267
L11	12.7	DX MIN							
			Top	-103.07	-88.03	-0.24	-7.629	-7.108	-3468.797
			Bottom	-103.07	-88.03	-0.24	-7.629	-19.692	-1727.267
L11	12.7	DY MAX							
			Top	36.08	11.97	2.03	137.743	66.534	456.434
			Bottom	36.08	11.97	2.03	137.743	175.258	158.746
L11	12.7	DY MIN							
			Top	-36.08	-11.97	-2.03	-137.743	-66.534	-456.434
			Bottom	-36.08	-11.97	-2.03	-137.743	-175.258	-158.746
L11	12.8	DEAD							
			Top	-21.81	-9.91	0.00	0.000	-0.004	384.288
			Bottom	-27.25	-9.91	0.00	0.000	-0.009	-200.327
L11	12.8	TORX							
			Top	11.81	18.39	0.00	0.110	0.089	-659.722
			Bottom	11.81	18.39	0.00	0.110	0.121	425.386
L11	12.8	TORY							
			Top	14.44	22.46	0.00	0.135	0.109	-805.785
			Bottom	14.44	22.46	0.00	0.135	0.149	519.126
L11	12.8	DX MAX							
			Top	307.49	483.90	0.19	9.402	4.174	17377.598
			Bottom	307.49	483.90	0.19	9.402	14.799	11177.742
L11	12.8	DX MIN							
			Top	-307.49	-483.90	-0.19	-9.402	-4.174	-17377.598
			Bottom	-307.49	-483.90	-0.19	-9.402	-14.799	-11177.742
L11	12.8	DY MAX							
			Top	102.10	147.55	2.55	79.303	38.952	5326.135
			Bottom	102.10	147.55	2.55	79.303	172.867	3382.169
L11	12.8	DY MIN							
			Top	-102.10	-147.55	-2.55	-79.303	-38.952	-5326.135
			Bottom	-102.10	-147.55	-2.55	-79.303	-172.867	-3382.169
L11	12.9	DEAD							
			Top	-128.06	-12.50	0.00	0.029	-0.026	700.042
			Bottom	-140.59	-12.50	0.00	0.029	-0.005	-37.412

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	12.9	TORX							
			Top	67.05	19.50	0.00	0.268	0.397	132.675
			Bottom	67.05	19.50	0.00	0.268	0.430	1283.293
L11	12.9	TORY							
			Top	81.99	23.86	0.00	0.327	0.488	166.602
			Bottom	81.99	23.86	0.00	0.327	0.517	1574.472
L11	12.9	DX MAX							
			Top	1545.40	433.57	0.72	21.863	15.852	15436.146
			Bottom	1545.40	433.57	0.72	21.863	27.249	39854.278
L11	12.9	DX MIN							
			Top	-1545.40	-433.57	-0.72	-21.863	-15.852	-15436.146
			Bottom	-1545.40	-433.57	-0.72	-21.863	-27.249	-39854.278
L11	12.9	DY MAX							
			Top	782.38	226.34	6.06	132.641	119.717	7371.325
			Bottom	782.38	226.34	6.06	132.641	244.830	6744.093
L11	12.9	DY MIN							
			Top	-782.38	-226.34	-6.06	-132.641	-119.717	-7371.325
			Bottom	-782.38	-226.34	-6.06	-132.641	-244.830	-6744.093
L11	A-6	DEAD							
			Top	-9.54	0.00	0.00	0.000	-0.003	93.277
			Bottom	-15.44	0.00	0.00	0.000	-0.006	93.381
L11	A-6	TORX							
			Top	0.75	2.28	0.00	0.053	0.065	10.900
			Bottom	0.75	2.28	0.00	0.053	0.101	145.295
L11	A-6	TORY							
			Top	0.90	2.76	0.00	0.064	0.079	13.459
			Bottom	0.90	2.76	0.00	0.064	0.123	176.590
L11	A-6	DX MAX							
			Top	11.57	23.04	2.87	90.850	70.629	172.646
			Bottom	11.57	23.04	2.87	90.850	226.358	1211.546
L11	A-6	DX MIN							
			Top	-11.57	-23.04	-2.87	-90.850	-70.629	-172.646
			Bottom	-11.57	-23.04	-2.87	-90.850	-226.358	-1211.546
L11	A-6	DY MAX							
			Top	10.95	45.32	0.23	2.965	9.038	527.489
			Bottom	10.95	45.32	0.23	2.965	22.207	3167.585
L11	A-6	DY MIN							
			Top	-10.95	-45.32	-0.23	-2.965	-9.038	-527.489
			Bottom	-10.95	-45.32	-0.23	-2.965	-22.207	-3167.585
L11	A-7	DEAD							
			Top	-15.63	-0.56	0.00	0.001	-0.003	43.586
			Bottom	-21.44	-0.56	0.00	0.001	-0.008	10.923
L11	A-7	TORX							
			Top	-4.53	-3.18	0.00	0.079	0.053	135.396
			Bottom	-4.53	-3.18	0.00	0.079	0.076	-55.435
L11	A-7	TORY							
			Top	-5.52	-3.89	0.00	0.096	0.065	161.620
			Bottom	-5.52	-3.89	0.00	0.096	0.093	-67.977
L11	A-7	DX MAX							
			Top	30.82	9.59	1.96	138.437	60.544	517.341
			Bottom	30.82	9.59	1.96	138.437	171.814	211.643
L11	A-7	DX MIN							
			Top	-30.82	-9.59	-1.96	-138.437	-60.544	-517.341
			Bottom	-30.82	-9.59	-1.96	-138.437	-171.814	-211.643
L11	A-7	DY MAX							
			Top	100.41	84.76	0.25	5.732	7.675	3370.164
			Bottom	100.41	84.76	0.25	5.732	22.136	1633.503
L11	A-7	DY MIN							
			Top	-100.41	-84.76	-0.25	-5.732	-7.675	-3370.164
			Bottom	-100.41	-84.76	-0.25	-5.732	-22.136	-1633.503
L11	A-8	DEAD							
			Top	-22.36	-11.34	0.00	0.001	-0.003	432.283
			Bottom	-27.80	-11.34	0.00	0.001	-0.007	-236.529
L11	A-8	TORX							
			Top	13.13	-20.45	0.00	0.101	0.065	734.174
			Bottom	13.13	-20.45	0.00	0.101	0.090	-472.351

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	A-8	TORY							
			Top	-16.06	-24.98	0.00	0.133	0.080	896.941
			Bottom	-16.06	-24.98	0.00	0.133	0.098	-576.659
L11	A-8	DX MAX							
			Top	87.57	124.33	2.70	63.224	37.236	4492.305
			Bottom	87.57	124.33	2.70	63.224	181.566	2845.904
L11	A-8	DX MIN							
			Top	-87.57	-124.33	-2.70	-63.224	-37.236	-4492.305
			Bottom	-87.57	-124.33	-2.70	-63.224	-181.566	-2845.904
L11	A-8	DY MAX							
			Top	288.73	461.40	0.16	8.407	4.786	16534.619
			Bottom	288.73	461.40	0.16	8.407	13.333	10693.116
L11	A-8	DY MIN							
			Top	-288.73	-461.40	-0.16	-8.407	-4.786	-16534.619
			Bottom	-288.73	-461.40	-0.16	-8.407	-13.333	-10693.116
L11	A-9	DEAD							
			Top	-128.87	-13.19	0.00	-0.023	0.009	657.680
			Bottom	-141.41	-13.19	0.00	-0.023	-0.030	-120.502
L11	A-9	TORX							
			Top	-72.25	-20.98	0.00	0.267	0.298	-263.074
			Bottom	-72.25	-20.98	0.00	0.267	0.302	-1500.866
L11	A-9	TORY							
			Top	-88.36	-25.68	0.00	0.326	0.367	-327.257
			Bottom	-88.36	-25.68	0.00	0.326	0.372	-1842.503
L11	A-9	DX MAX							
			Top	701.39	205.36	4.82	150.083	98.258	7942.327
			Bottom	701.39	205.36	4.82	150.083	196.689	5490.415
L11	A-9	DX MIN							
			Top	-701.39	-205.36	-4.82	-150.083	-98.258	-7942.327
			Bottom	-701.39	-205.36	-4.82	-150.083	-196.689	-5490.415
L11	A-9	DY MAX							
			Top	1435.48	402.59	0.37	19.450	8.260	13853.895
			Bottom	1435.48	402.59	0.37	19.450	14.866	36461.583
L11	A-9	DY MIN							
			Top	-1435.48	-402.59	-0.37	-19.450	-8.260	-13853.895
			Bottom	-1435.48	-402.59	-0.37	-19.450	-14.866	-36461.583
L11	A-10	DEAD							
			Top	-104.68	2.87	0.01	0.274	-0.353	-224.804
			Bottom	-114.46	2.87	0.01	0.274	0.235	-55.697
L11	A-10	TORX							
			Top	-23.32	-13.59	0.00	0.238	0.353	-142.485
			Bottom	-23.32	-13.59	0.00	0.238	0.414	-944.534
L11	A-10	TORY							
			Top	-28.68	-16.67	0.00	0.291	0.433	-176.336
			Bottom	-28.68	-16.67	0.00	0.291	0.509	-1160.022
L11	A-10	DX MAX							
			Top	982.03	175.45	1.18	108.744	23.169	6130.036
			Bottom	982.03	175.45	1.18	108.744	50.782	4688.452
L11	A-10	DX MIN							
			Top	-982.03	-175.45	-1.18	-108.744	-23.169	-6130.036
			Bottom	-982.03	175.45	-1.18	-108.744	-50.782	-4688.452
L11	A-10	DY MAX							
			Top	165.88	255.15	0.37	21.959	11.341	10340.835
			Bottom	165.88	255.15	0.37	21.959	10.928	23162.035
L11	A-10	DY MIN							
			Top	-165.88	-255.15	-0.37	-21.959	-11.341	-10340.835
			Bottom	-165.88	-255.15	-0.37	-21.959	-10.928	-23162.035
L11	P-6	DEAD							
			Top	-9.63	-0.23	0.00	0.000	-0.003	93.488
			Bottom	-15.53	-0.23	0.00	0.000	-0.006	80.185
L11	P-6	TORX							
			Top	-0.82	-2.37	0.00	0.053	0.065	-8.981
			Bottom	-0.82	-2.37	0.00	0.053	0.101	-148.859
L11	P-6	TORY							
			Top	-0.99	-2.98	0.00	0.064	0.079	-11.135
			Bottom	-0.99	-2.98	0.00	0.064	0.123	-180.960

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	P-6	DX MAX							
			Top	11.23	23.08	2.86	90.316	70.645	154.949
			Bottom	11.23	23.08	2.86	90.316	226.112	1237.546
L11	P-6	DX MIN							
			Top	-11.23	-23.08	-2.86	-90.316	-70.645	-154.949
			Bottom	-11.23	-23.08	-2.86	-90.316	-226.112	-1237.546
L11	P-6	DY MAX							
			Top	12.97	50.30	0.22	10.907	8.516	532.611
			Bottom	12.97	50.30	0.22	10.907	19.274	3459.658
L11	P-6	DY MIN							
			Top	-12.97	-50.30	-0.22	-10.907	-8.516	-532.611
			Bottom	-12.97	-50.30	-0.22	-10.907	-19.274	-3459.658
L11	P-7	DEAD							
			Top	-15.26	-0.38	0.00	0.001	-0.003	35.336
			Bottom	-21.08	-0.38	0.00	0.001	-0.008	12.792
L11	P-7	TORX							
			Top	4.72	3.23	0.00	0.079	0.053	-134.563
			Bottom	4.72	3.23	0.00	0.079	0.078	55.959
L11	P-7	TORY							
			Top	5.74	3.95	0.00	0.096	0.065	-164.373
			Bottom	5.74	3.95	0.00	0.096	0.093	68.415
L11	P-7	DX MAX							
			Top	31.52	10.88	1.96	138.003	60.552	570.828
			Bottom	31.52	10.88	1.96	138.003	171.713	207.503
L11	P-7	DX MIN							
			Top	-31.52	-10.88	-1.96	-138.003	-60.552	-570.828
			Bottom	-31.52	-10.88	-1.96	-138.003	-171.713	-207.503
L11	P-7	DY MAX							
			Top	110.63	91.31	0.31	10.640	7.422	3641.403
			Bottom	110.63	91.31	0.31	10.640	24.666	1748.850
L11	P-7	DY MIN							
			Top	-110.63	-91.31	-0.31	-10.640	-7.422	-3641.403
			Bottom	-110.63	-91.31	-0.31	-10.640	-24.666	-1748.850
L11	P-8	DEAD							
			Top	-21.77	-10.18	0.00	0.001	-0.003	392.567
			Bottom	-27.31	-10.18	0.00	0.001	-0.007	-207.952
L11	P-8	TORX							
			Top	13.33	20.90	0.00	0.101	0.065	-749.227
			Bottom	13.33	20.90	0.00	0.101	0.080	483.635
L11	P-8	TORY							
			Top	16.31	25.52	0.00	0.123	0.080	-915.335
			Bottom	16.31	25.52	0.00	0.123	0.098	590.474
L11	P-8	DX MAX							
			Top	91.19	129.78	2.69	63.159	37.235	4690.163
			Bottom	91.19	129.78	2.69	63.159	181.170	2969.425
L11	P-8	DX MIN							
			Top	-91.19	-129.78	-2.69	-63.159	-37.235	-4690.163
			Bottom	-91.19	-129.78	-2.69	-63.159	-181.170	-2969.425
L11	P-8	DY MAX							
			Top	319.26	507.25	0.29	11.676	4.627	18187.155
			Bottom	319.26	507.25	0.29	11.676	30.642	11746.148
L11	P-8	DY MIN							
			Top	-319.26	-507.25	-0.29	-11.676	-4.627	-18187.155
			Bottom	-319.26	-507.25	-0.29	-11.676	-30.642	-11746.148
L11	P-9	DEAD							
			Top	-126.57	-11.97	0.00	0.030	-0.021	641.227
			Bottom	-129.11	-11.97	0.00	0.030	0.003	-64.813
L11	P-9	TORX							
			Top	73.49	21.24	0.00	0.268	0.298	364.680
			Bottom	73.49	21.24	0.00	0.268	0.302	1518.071
L11	P-9	TORY							
			Top	89.88	26.01	0.00	0.327	0.367	329.113
			Bottom	89.88	26.01	0.00	0.327	0.372	1863.571
L11	P-9	DX MAX							
			Top	715.96	210.36	4.82	149.776	98.291	7638.487
			Bottom	715.96	210.36	4.82	149.776	196.864	6104.248

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L11	P-9	DX MIN							
			Top	-715.96	-210.36	-4.82	-149.776	-98.291	-7638.487
			Bottom	-715.96	-210.36	-4.82	-149.776	-196.864	-6104.248
L11	P-9	DY MAX							
			Top	1615.84	449.61	1.03	45.408	25.089	14659.057
			Bottom	1615.84	449.61	1.03	45.408	36.511	39989.102
L11	P-9	DY MIN							
			Top	-1615.84	-449.61	-1.03	-45.408	-25.089	-14659.057
			Bottom	-1615.84	-449.61	-1.03	-45.408	-36.511	-39989.102
L11	P-10	DEAD							
			Top	-105.62	3.98	-0.01	-0.266	0.350	-247.723
			Bottom	-115.40	3.98	-0.01	-0.266	-0.247	-12.883
L11	P-10	TORX							
			Top	23.38	13.70	0.00	0.236	0.357	145.842
			Bottom	23.38	13.70	0.00	0.236	0.414	954.332
L11	P-10	TORY							
			Top	28.76	16.81	0.00	0.289	0.437	180.325
			Bottom	28.76	16.81	0.00	0.289	0.510	1172.082
L11	P-10	DX MAX							
			Top	976.84	182.43	1.20	109.705	24.191	6088.349
			Bottom	976.84	182.43	1.20	109.705	51.353	5124.404
L11	P-10	DX MIN							
			Top	-976.84	-182.43	-1.20	-109.705	-24.191	-6088.349
			Bottom	-976.84	-182.43	-1.20	-109.705	-51.353	-5124.404
L11	P-10	DY MAX							
			Top	107.66	383.51	0.68	50.340	16.348	11012.268
			Bottom	107.66	383.51	0.68	50.340	24.544	24276.170
L11	P-10	DY MIN							
			Top	-107.66	-383.51	-0.68	-50.340	-16.348	-11012.268
			Bottom	-107.66	-383.51	-0.68	-50.340	-24.544	-24276.170
L11	12.11	DEAD							
			Top	-107.57	3.27	-0.01	-0.277	0.358	-207.027
			Bottom	-117.35	3.27	-0.01	-0.277	-0.253	-13.882
L11	12.11	TORX							
			Top	29.22	12.67	0.00	0.254	0.384	54.259
			Bottom	29.22	12.67	0.00	0.254	0.495	801.878
L11	12.11	TORY							
			Top	35.94	15.54	0.00	0.312	0.471	67.655
			Bottom	35.94	15.54	0.00	0.312	0.610	984.592
L11	12.11	DX MAX							
			Top	123.93	374.31	0.37	24.699	11.813	11392.325
			Bottom	123.93	374.31	0.37	24.699	11.961	24062.051
L11	12.11	DX MIN							
			Top	-123.93	-374.31	-0.37	-24.699	-11.813	-11392.325
			Bottom	-123.93	-374.31	-0.37	-24.699	-11.961	-24062.051
L11	12.11	DY MAX							
			Top	983.01	183.24	1.33	127.506	33.826	5865.940
			Bottom	983.01	183.24	1.33	127.506	58.794	5276.256
L11	12.11	DY MIN							
			Top	-983.01	-183.24	-1.33	-127.506	-33.826	-5865.940
			Bottom	-983.01	-183.24	-1.33	-127.506	-58.794	-5276.256
L10	1.1	DEAD							
			Top	-133.28	-0.19	0.01	-0.273	-0.395	78.426
			Bottom	-143.82	-0.19	0.01	-0.273	0.135	66.624
L10	1.1	TORX							
			Top	12.90	4.53	0.01	-0.098	-0.357	-285.853
			Bottom	12.90	4.53	0.01	-0.098	0.222	-0.175
L10	1.1	TORY							
			Top	16.02	5.81	0.01	-0.121	-0.441	-362.124
			Bottom	16.02	5.81	0.01	-0.121	0.280	4.124
L10	1.1	DX MAX							
			Top	302.39	310.62	0.13	6.079	5.584	17930.198
			Bottom	302.39	310.62	0.13	6.079	2.821	2116.883
L10	1.1	DX MIN							
			Top	-302.39	-310.62	-0.13	-6.079	-5.584	-17930.198
			Bottom	-302.39	-310.62	-0.13	-6.079	-2.821	-2116.883

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	1.1	DY MAX							
			Top	682.98	154.00	0.54	23.321	27.069	4917.009
			Bottom	682.98	154.00	0.54	23.321	7.895	4923.299
L10	1.1	DY MIN							
			Top	-682.98	-154.00	-0.54	-23.321	-27.069	-4917.009
			Bottom	-682.98	-154.00	-0.54	-23.321	-7.895	-4923.299
L10	1.2	DEAD							
			Top	-159.20	20.27	0.00	0.060	0.017	-1057.106
			Bottom	-173.49	20.27	0.00	0.060	-0.014	220.070
L10	1.2	TORX							
			Top	52.81	-20.52	0.00	0.136	-0.177	1029.639
			Bottom	52.81	-20.52	0.00	0.136	0.067	-263.421
L10	1.2	TORY							
			Top	64.53	-24.79	0.00	0.165	-0.220	1236.885
			Bottom	64.53	-24.79	0.00	0.165	0.079	-325.141
L10	1.2	DX MAX							
			Top	1003.89	353.15	0.26	5.088	13.462	18708.241
			Bottom	1003.89	353.15	0.26	5.088	3.053	8783.379
L10	1.2	DX MIN							
			Top	-1003.89	-353.15	-0.26	-5.088	-13.462	-18708.241
			Bottom	-1003.89	-353.15	-0.26	-5.088	-3.053	-8783.379
L10	1.2	DY MAX							
			Top	662.99	366.32	2.24	33.643	117.673	18634.820
			Bottom	662.99	366.32	2.24	33.643	24.092	4533.418
L10	1.2	DY MIN							
			Top	-662.99	-366.32	-2.24	-33.643	-117.673	-18634.820
			Bottom	-662.99	-366.32	-2.24	-33.643	-24.092	-4533.418
L10	1.3	DEAD							
			Top	-52.90	15.77	0.00	0.000	-0.004	-629.051
			Bottom	-58.81	15.77	0.00	0.000	0.004	364.257
L10	1.3	TORX							
			Top	18.04	-21.44	0.00	0.065	-0.058	842.561
			Bottom	18.04	-21.44	0.00	0.065	0.028	-508.384
L10	1.3	TORY							
			Top	22.03	-26.07	0.00	0.079	-0.072	1024.344
			Bottom	22.03	-26.07	0.00	0.079	0.033	-617.996
L10	1.3	DX MAX							
			Top	413.36	503.98	0.13	1.534	6.992	19671.121
			Bottom	413.36	503.98	0.13	1.534	1.527	12080.775
L10	1.3	DX MIN							
			Top	-413.36	-503.98	-0.13	-1.534	-6.992	-19671.121
			Bottom	-413.36	-503.98	-0.13	-1.534	-1.527	-12080.775
L10	1.3	DY MAX							
			Top	166.50	189.19	1.55	13.874	79.303	7353.749
			Bottom	166.50	189.19	1.55	13.874	18.957	4567.340
L10	1.3	DY MIN							
			Top	-166.50	-189.19	-1.55	-13.874	-79.303	-7353.749
			Bottom	-166.50	-189.19	-1.55	-13.874	-18.957	-4567.340
L10	1.4	DEAD							
			Top	-44.02	13.89	0.00	0.001	-0.004	-541.156
			Bottom	-50.12	13.89	0.00	0.001	0.004	333.979
L10	1.4	TORX							
			Top	12.52	-17.65	0.00	0.075	-0.053	681.777
			Bottom	12.52	-17.65	0.00	0.075	0.021	-430.171
L10	1.4	TORY							
			Top	15.33	-21.47	0.00	0.091	-0.064	829.104
			Bottom	15.33	-21.47	0.00	0.091	0.025	-523.504
L10	1.4	DX MAX							
			Top	295.37	446.34	0.18	1.396	9.549	17078.918
			Bottom	295.37	446.34	0.18	1.396	1.993	11044.575
L10	1.4	DX MIN							
			Top	-295.37	-446.34	-0.18	-1.396	-9.549	-17078.918
			Bottom	-295.37	-446.34	-0.18	-1.396	-1.993	-11044.575
L10	1.4	DY MAX							
			Top	97.13	137.99	1.61	23.617	83.927	5265.212
			Bottom	97.13	137.99	1.61	23.617	17.598	1428.652

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	1.4	DY MIN							
			Top	-97.13	-137.99	-1.61	-22.617	-83.927	-5265.212
			Bottom	-97.13	-137.99	-1.61	-22.617	-17.590	-3428.652
L10	1.5	DEAD							
			Top	-38.14	9.14	0.00	0.001	-0.004	-400.893
			Bottom	-44.44	9.14	0.00	0.001	0.005	174.855
L10	1.5	TORX							
			Top	7.68	-7.92	0.00	0.090	-0.080	341.106
			Bottom	7.68	-7.92	0.00	0.090	0.037	-157.805
L10	1.5	TORY							
			Top	9.35	-9.64	0.00	0.109	-0.098	414.671
			Bottom	9.35	-9.64	0.00	0.109	0.044	-192.729
L10	1.5	DX MAX							
			Top	219.23	209.46	0.19	1.036	10.061	8762.311
			Bottom	219.23	209.46	0.19	1.036	1.941	4471.224
L10	1.5	DX MIN							
			Top	-219.23	-209.46	-0.19	-1.036	-10.061	-8762.311
			Bottom	-219.23	-209.46	-0.19	-1.036	-1.941	-4471.224
L10	1.5	DY MAX							
			Top	50.37	61.63	2.06	11.818	107.523	2543.737
			Bottom	50.37	61.63	2.06	11.818	22.522	1341.035
L10	1.5	DY MIN							
			Top	-50.37	-61.63	-2.06	-11.818	-107.523	-2543.737
			Bottom	-50.37	-61.63	-2.06	-11.818	-22.522	-1341.035
L10	1.11	DEAD							
			Top	-131.96	-1.98	0.01	0.273	-0.400	13.545
			Bottom	-142.39	-1.98	0.01	0.273	0.122	-111.390
L10	1.11	TORX							
			Top	-11.50	3.92	-0.01	-0.114	0.360	-262.750
			Bottom	-11.50	3.92	-0.01	-0.114	-0.285	-15.799
L10	1.11	TORY							
			Top	-14.33	5.06	-0.01	-0.141	0.444	-333.620
			Bottom	-14.33	5.06	-0.01	-0.141	-0.344	-14.973
L10	1.11	DX MAX							
			Top	287.62	314.61	0.11	5.806	5.303	17805.831
			Bottom	287.62	314.61	0.11	5.806	2.244	2477.678
L10	1.11	DX MIN							
			Top	-287.62	-314.61	-0.11	-5.806	-5.303	-17805.831
			Bottom	-287.62	-314.61	-0.11	-5.806	-2.244	-2477.678
L10	1.11	DY MAX							
			Top	698.35	167.56	0.64	26.357	32.088	5806.600
			Bottom	698.35	167.56	0.64	26.357	9.188	4785.176
L10	1.11	DY MIN							
			Top	-698.35	-167.56	-0.64	-26.357	-32.088	-5806.600
			Bottom	-698.35	-167.56	-0.64	-26.357	-9.188	-4785.176
L10	12.1	DEAD							
			Top	-131.67	-1.02	-0.01	0.150	0.353	97.334
			Bottom	-142.20	-1.02	-0.01	0.150	0.059	33.518
L10	12.1	TORX							
			Top	-12.47	4.47	0.01	-0.085	-0.379	287.891
			Bottom	-12.47	4.47	0.01	-0.085	0.198	6.496
L10	12.1	TORY							
			Top	-15.51	5.73	0.01	-0.107	-0.468	364.188
			Bottom	-15.51	5.73	0.01	-0.107	0.239	3.603
L10	12.1	DX MAX							
			Top	282.14	316.77	0.13	5.584	6.443	18182.987
			Bottom	282.14	316.77	0.13	5.584	1.810	2739.468
L10	12.1	DX MIN							
			Top	-282.14	-316.77	-0.13	-5.584	-6.443	-18182.987
			Bottom	-282.14	-316.77	-0.13	-5.584	-1.810	-2739.468
L10	12.1	DY MAX							
			Top	678.11	144.29	0.55	23.580	27.316	4551.644
			Bottom	678.11	144.29	0.55	23.580	7.601	4671.475
L10	12.1	DY MIN							
			Top	-678.11	-144.29	-0.55	-23.580	-27.316	-4551.644
			Bottom	-678.11	-144.29	-0.55	-23.580	-7.601	-4671.475

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	12.2	DEAD							
			Top	-159.13	20.35	0.00	-0.058	-0.036	-1071.828
			Bottom	-172.41	20.35	0.00	-0.058	0.034	210.036
L10	12.2	TORX							
			Top	-53.46	21.11	0.00	0.137	-0.177	-1052.470
			Bottom	-53.46	21.11	0.00	0.137	0.066	277.212
L10	12.2	TORY							
			Top	-65.33	25.50	0.00	0.166	-0.220	-1264.724
			Bottom	-65.33	25.50	0.00	0.166	0.078	341.891
L10	12.2	DX MAX							
			Top	1069.87	393.52	0.20	3.897	10.897	20412.342
			Bottom	1069.87	393.52	0.20	3.897	2.015	9341.431
L10	12.2	DX MIN							
			Top	-1069.87	-393.52	-0.20	-3.897	-10.897	-20412.342
			Bottom	-1069.87	-393.52	-0.20	-3.897	-2.015	-9341.431
L10	12.2	DY MAX							
			Top	657.02	350.05	2.24	33.640	117.498	17868.899
			Bottom	657.02	350.05	2.24	33.640	24.026	4260.417
L10	12.2	DY MIN							
			Top	-657.02	-350.05	-2.24	-33.640	-117.498	-17868.899
			Bottom	-657.02	-350.05	-2.24	-33.640	-24.026	-4260.417
L10	12.3	DEAD							
			Top	-53.00	15.88	0.00	0.001	-0.004	-634.203
			Bottom	-58.90	15.88	0.00	0.001	0.004	366.416
L10	12.3	TORX							
			Top	-18.36	21.97	0.00	0.065	-0.058	-862.691
			Bottom	-18.36	21.97	0.00	0.065	0.028	521.515
L10	12.3	TORY							
			Top	-22.42	26.71	0.00	0.079	-0.072	-1048.839
			Bottom	-22.42	26.71	0.00	0.079	0.033	633.966
L10	12.3	DX MAX							
			Top	434.62	531.71	0.13	1.310	6.796	20735.606
			Bottom	434.62	531.71	0.13	1.310	1.395	12763.238
L10	12.3	DX MIN							
			Top	-434.62	-531.71	-0.13	-1.310	-6.796	-20735.606
			Bottom	-434.62	-531.71	-0.13	-1.310	-1.395	-12763.238
L10	12.3	DY MAX							
			Top	164.49	183.61	1.55	13.815	79.286	7147.861
			Bottom	164.49	183.61	1.55	13.815	18.943	4421.551
L10	12.3	DY MIN							
			Top	-164.49	-183.61	-1.55	-13.815	-79.286	-7147.861
			Bottom	-164.49	-183.61	-1.55	-13.815	-18.943	-4421.551
L10	12.4	DEAD							
			Top	-44.15	13.95	0.00	0.001	-0.004	-544.178
			Bottom	-50.25	13.95	0.00	0.001	0.004	334.610
L10	12.4	TORX							
			Top	-12.78	18.12	0.00	0.075	-0.052	-699.333
			Bottom	-12.78	18.12	0.00	0.075	0.021	442.064
L10	12.4	TORY							
			Top	-15.55	22.04	0.00	0.091	-0.064	-850.455
			Bottom	-15.55	22.04	0.00	0.091	0.025	537.966
L10	12.4	DX MAX							
			Top	309.17	468.63	0.18	0.934	9.462	17924.830
			Bottom	309.17	468.63	0.18	0.934	1.970	11602.395
L10	12.4	DX MIN							
			Top	-309.17	-468.63	-0.18	-0.934	-9.462	-17924.830
			Bottom	-309.17	-468.63	-0.18	-0.934	-1.970	-11602.395
L10	12.4	DY MAX							
			Top	95.13	133.79	1.61	22.592	83.893	5112.431
			Bottom	95.13	133.79	1.61	22.592	17.564	3316.585
L10	12.4	DY MIN							
			Top	-95.13	-133.79	-1.61	-22.592	-83.893	-5112.431
			Bottom	-95.13	-133.79	-1.61	-22.592	-17.564	-3316.585
L10	12.5	DEAD							
			Top	-16.12	9.14	0.00	0.001	-0.004	-401.938
			Bottom	-44.42	9.14	0.00	0.001	0.004	173.666

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	12.5	TORX							
			Top	-7.92	8.15	0.00	0.090	-0.080	-350.346
			Bottom	-7.92	8.15	0.00	0.090	0.037	163.016
L10	12.5	TORY							
			Top	-9.64	9.92	0.00	0.110	-0.098	-425.908
			Bottom	-9.64	9.92	0.00	0.110	0.044	199.064
L10	12.5	DX MAX							
			Top	229.23	219.80	0.18	0.923	9.789	9194.774
			Bottom	229.23	219.80	0.18	0.923	1.813	4690.294
L10	12.5	DX MIN							
			Top	-229.23	-219.80	-0.18	-0.923	-9.789	-9194.774
			Bottom	-229.23	-219.80	-0.18	-0.923	-1.813	-4690.294
L10	12.5	DY MAX							
			Top	48.64	59.51	2.06	11.770	107.496	2464.685
			Bottom	48.64	59.51	2.06	11.770	22.508	1285.949
L10	12.5	DY MIN							
			Top	-48.64	-59.51	-2.06	-11.770	-107.496	-2464.685
			Bottom	-48.64	-59.51	-2.06	-11.770	-22.508	-1285.949
L10	A-1	DEAD							
			Top	-131.33	2.08	0.01	-0.186	-0.406	-7.385
			Bottom	-141.86	2.08	0.01	-0.186	0.012	123.425
L10	A-1	TORX							
			Top	6.68	6.09	0.01	-0.071	-0.323	-393.254
			Bottom	6.68	6.09	0.01	-0.071	0.195	-9.335
L10	A-1	TORY							
			Top	8.41	7.74	0.01	-0.090	-0.389	-495.111
			Bottom	8.41	7.74	0.01	-0.090	0.236	-7.550
L10	A-1	DX MAX							
			Top	694.01	173.48	0.53	22.011	25.349	5799.569
			Bottom	694.01	173.48	0.53	22.011	8.394	5158.675
L10	A-1	DX MIN							
			Top	-694.01	-173.48	-0.53	-22.011	-25.349	-5799.569
			Bottom	-694.01	-173.48	-0.53	-22.011	-8.394	-5158.675
L10	A-1	DY MAX							
			Top	304.87	252.13	0.13	6.061	6.416	15434.446
			Bottom	304.87	252.13	0.13	6.061	2.122	2136.564
L10	A-1	DY MIN							
			Top	-304.87	-252.13	-0.13	-6.061	-6.416	-15434.446
			Bottom	-304.87	-252.13	-0.13	-6.061	-2.122	-2136.564
L10	A-2	DEAD							
			Top	-157.11	26.52	0.00	0.061	0.018	-1341.574
			Bottom	-170.40	26.52	0.00	0.061	-0.024	329.151
L10	A-2	TORX							
			Top	56.42	-19.98	0.00	0.146	-0.134	941.587
			Bottom	56.42	-19.98	0.00	0.146	0.062	-317.229
L10	A-2	TORY							
			Top	68.96	-24.10	0.00	0.177	-0.167	1126.589
			Bottom	68.96	-24.10	0.00	0.177	0.073	-391.555
L10	A-2	DX MAX							
			Top	753.15	407.33	1.85	29.972	86.836	20870.328
			Bottom	753.15	407.33	1.85	29.972	20.646	4823.810
L10	A-2	DX MIN							
			Top	-753.15	-407.33	-1.85	-29.972	-86.836	-20870.328
			Bottom	-753.15	-407.33	-1.85	-29.972	-20.646	-4823.810
L10	A-2	DY MAX							
			Top	983.17	383.62	0.15	8.108	8.303	19051.961
			Bottom	983.17	383.62	0.15	8.108	1.569	9948.648
L10	A-2	DY MIN							
			Top	-983.17	-383.62	-0.15	-8.108	-8.303	-19051.961
			Bottom	-983.17	-383.62	-0.15	-8.108	-1.569	-9948.648
L10	A-3	DEAD							
			Top	-53.42	21.54	0.00	0.001	-0.005	-823.151
			Bottom	-59.32	21.54	0.00	0.001	0.000	534.159
L10	A-3	TORX							
			Top	22.75	-22.63	0.00	0.071	-0.057	871.703
			Bottom	22.75	-22.63	0.00	0.071	0.030	-553.884

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	A-3	TORY							
			Top	27.77	-27.51	0.00	0.087	-0.071	1059.801
			Bottom	27.77	-27.51	0.00	0.087	0.035	-873.241
L10	A-3	DX MAX							
			Top	219.39	225.92	1.23	16.756	63.979	8677.030
			Bottom	219.39	225.92	1.23	16.756	13.495	5557.931
L10	A-3	DX MIN							
			Top	-219.39	-225.92	-1.23	-16.756	-63.979	-8677.030
			Bottom	-219.39	-225.92	-1.23	-16.756	-13.495	-5557.931
L10	A-3	DY MAX							
			Top	467.11	483.19	0.14	1.536	7.099	18389.966
			Bottom	467.11	483.19	0.14	1.536	1.848	12051.875
L10	A-3	DY MIN							
			Top	-467.11	-483.19	-0.14	-1.536	-7.099	-18389.966
			Bottom	-467.11	-483.19	-0.14	-1.536	-1.848	-12051.875
L10	A-4	DEAD							
			Top	-46.79	12.38	0.00	0.001	-0.005	-627.473
			Bottom	-52.89	12.38	0.00	0.001	0.000	152.517
L10	A-4	TORX							
			Top	19.14	-11.48	0.00	0.087	-0.082	548.010
			Bottom	19.14	-11.48	0.00	0.087	0.049	-175.339
L10	A-4	TORY							
			Top	23.31	-13.98	0.00	0.105	-0.101	666.342
			Bottom	23.31	-13.98	0.00	0.105	0.059	-214.276
L10	A-4	DX MAX							
			Top	155.51	109.36	1.67	9.194	88.451	5025.778
			Bottom	155.51	109.36	1.67	9.194	19.220	1865.346
L10	A-4	DX MIN							
			Top	-155.51	-109.36	-1.67	-9.194	-88.451	-5025.778
			Bottom	-155.51	-109.36	-1.67	-9.194	-19.220	-1865.346
L10	A-4	DY MAX							
			Top	430.41	251.29	0.15	1.763	7.516	11821.646
			Bottom	430.41	251.29	0.15	1.763	1.915	4065.256
L10	A-4	DY MIN							
			Top	-430.41	-251.29	-0.15	-1.763	-7.516	-11821.646
			Bottom	-430.41	-251.29	-0.15	-1.763	-1.915	-4065.256
L10	P-1	DEAD							
			Top	-136.92	-0.58	-0.01	0.173	0.395	101.881
			Bottom	-147.46	-0.58	-0.01	0.173	0.010	65.369
L10	P-1	TORX							
			Top	-8.60	-9.10	0.01	-0.083	-0.324	474.233
			Bottom	-8.60	-9.10	0.01	-0.083	0.206	-99.190
L10	P-1	TORY							
			Top	-10.74	-11.38	0.01	-0.103	-0.400	593.415
			Bottom	-10.74	-11.38	0.01	-0.103	0.249	-123.832
L10	P-1	DX MAX							
			Top	706.96	148.57	0.55	33.312	26.308	5035.028
			Bottom	706.96	148.57	0.55	33.312	8.686	4407.980
L10	P-1	DX MIN							
			Top	-706.96	-148.57	-0.55	-33.312	-26.308	-5035.028
			Bottom	-706.96	-148.57	-0.55	-33.312	-8.686	-4407.980
L10	P-1	DY MAX							
			Top	266.48	309.67	0.19	7.001	9.544	18154.001
			Bottom	266.48	309.67	0.19	7.001	2.731	1967.947
L10	P-1	DY MIN							
			Top	-266.48	-309.67	-0.19	-7.001	-9.544	-18154.001
			Bottom	-266.48	-309.67	-0.19	-7.001	-2.731	-1967.947
L10	P-2	DEAD							
			Top	-167.71	13.07	0.00	-0.056	-0.035	-695.036
			Bottom	-181.00	13.07	0.00	-0.056	0.024	128.369
L10	P-2	TORX							
			Top	-58.45	15.65	0.00	0.142	-0.131	-793.296
			Bottom	-58.45	15.65	0.00	0.142	0.061	191.947
L10	P-2	TORY							
			Top	-71.45	18.82	0.00	0.173	-0.162	-948.036
			Bottom	-71.45	18.82	0.00	0.173	0.073	339.403

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	P-2	DX MAX							
			Top	756.84	359.19	2.18	40.621	116.009	18964.723
			Bottom	756.84	359.19	2.18	40.621	21.785	3691.180
L10	P-2	DX MIN							
			Top	-756.84	-359.19	-2.18	-40.621	-116.009	-18964.723
			Bottom	-756.84	-359.19	-2.18	-40.621	-21.785	-3691.180
L10	P-2	DY MAX							
			Top	1170.14	346.05	0.27	6.608	14.417	18835.156
			Bottom	1170.14	346.05	0.27	6.608	2.717	9529.401
L10	P-2	DY MIN							
			Top	-1170.14	-346.05	-0.27	-6.608	-14.417	-18835.156
			Bottom	-1170.14	-346.05	-0.27	-6.608	-2.717	-9529.401
L10	P-3	DEAD							
			Top	-39.40	5.02	0.00	0.001	-0.004	-213.748
			Bottom	-43.14	5.02	0.00	0.001	0.000	102.250
L10	P-3	TORX							
			Top	-6.09	14.35	0.00	0.050	-0.041	-574.880
			Bottom	-6.09	14.35	0.00	0.050	0.026	329.042
L10	P-3	TORY							
			Top	-7.55	17.41	0.00	0.060	-0.050	-697.860
			Bottom	-7.55	17.41	0.00	0.060	0.032	399.151
L10	P-3	DX MAX							
			Top	78.48	133.08	1.49	11.187	77.091	5266.609
			Bottom	78.48	133.08	1.49	11.187	17.027	3118.339
L10	P-3	DX MIN							
			Top	-78.48	-133.08	-1.49	-11.187	-77.091	-5266.609
			Bottom	-78.48	-133.08	-1.49	-11.187	-17.027	-3118.339
L10	P-3	DY MAX							
			Top	189.03	328.02	0.13	1.313	6.556	13104.328
			Bottom	189.03	328.02	0.13	1.313	1.479	7562.084
L10	P-3	DY MIN							
			Top	-189.03	-328.02	-0.13	-1.313	-6.556	-13104.328
			Bottom	-189.03	-328.02	-0.13	-1.313	-1.479	-7562.084
L10	P-4	DEAD							
			Top	-42.55	11.95	0.00	0.000	-0.005	-481.657
			Bottom	-46.58	11.95	0.00	0.000	0.000	271.077
L10	P-4	TORX							
			Top	-22.59	15.59	0.00	0.053	-0.047	-640.698
			Bottom	-22.59	15.59	0.00	0.053	0.008	341.255
L10	P-4	TORY							
			Top	-27.44	18.94	0.00	0.064	-0.057	-778.439
			Bottom	-27.44	18.94	0.00	0.064	0.010	414.781
L10	P-4	DX MAX							
			Top	183.57	127.23	1.56	18.128	81.847	5238.014
			Bottom	183.57	127.23	1.56	18.128	15.706	2777.337
L10	P-4	DX MIN							
			Top	-183.57	-127.23	-1.56	-18.128	-81.847	-5238.014
			Bottom	-183.57	-127.23	-1.56	-18.128	-15.706	-2777.337
L10	P-4	DY MAX							
			Top	499.47	369.79	0.17	1.117	9.003	15071.926
			Bottom	499.47	369.79	0.17	1.117	1.708	8226.913
L10	P-4	DY MIN							
			Top	-499.47	-369.79	-0.17	-1.117	-9.003	-15071.926
			Bottom	-499.47	-369.79	-0.17	-1.117	-1.708	-8226.913
L10	P-5	DEAD							
			Top	-19.58	12.11	0.00	0.001	-0.005	-509.347
			Bottom	-45.88	12.11	0.00	0.001	0.000	253.613
L10	P-5	TORX							
			Top	-5.78	11.72	0.00	0.089	-0.082	-493.257
			Bottom	-5.78	11.72	0.00	0.089	0.038	245.240
L10	P-5	TORY							
			Top	-7.05	14.26	0.00	0.108	-0.100	-599.255
			Bottom	-7.05	14.26	0.00	0.108	0.045	299.152
L10	P-5	DX MAX							
			Top	35.68	95.83	2.22	12.459	117.218	3948.421
			Bottom	35.68	95.83	2.22	12.459	23.416	2089.179

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	P-5	DX MIN	Top	-35.68	-95.83	-2.22	-12.459	-117.218	-3948.421
			Bottom	-35.68	-95.83	-2.22	-12.459	-23.416	-2089.179
L10	P-5	DY MAX	Top	164.30	288.74	0.21	1.083	11.304	11837.936
			Bottom	164.30	288.74	0.21	1.083	2.064	6386.212
L10	P-5	DY MIN	Top	-164.30	-288.74	-0.21	-1.083	-11.304	-11837.936
			Bottom	-164.30	-288.74	-0.21	-1.083	-2.064	-6386.212
L10	1.6	DEAD	Top	-38.15	-9.32	0.00	0.002	-0.002	409.983
			Bottom	-44.45	-9.32	0.00	0.002	0.004	-177.463
L10	1.6	TORX	Top	-7.83	-8.13	0.00	0.089	0.079	349.468
			Bottom	-7.83	-8.13	0.00	0.089	-0.056	-162.541
L10	1.6	TORY	Top	-9.53	-9.89	0.00	0.108	0.097	424.878
			Bottom	-9.53	-9.89	0.00	0.109	-0.067	-198.506
L10	1.6	DX MAX	Top	216.10	206.51	0.21	0.858	11.112	8626.304
			Bottom	216.10	206.51	0.21	0.858	2.166	4421.491
L10	1.6	DX MIN	Top	-216.10	-206.51	-0.21	-0.858	-11.112	-8626.304
			Bottom	-216.10	-206.51	-0.21	-0.858	-2.166	-4421.491
L10	1.6	DY MAX	Top	62.52	75.63	2.28	11.735	118.869	3241.321
			Bottom	62.52	75.63	2.28	11.735	24.906	1524.789
L10	1.6	DY MIN	Top	-62.52	-75.63	-2.28	-11.735	-118.869	-3241.321
			Bottom	-62.52	-75.63	-2.28	-11.735	-24.906	-1524.789
L10	1.7	DEAD	Top	-45.34	-14.77	0.00	0.001	-0.003	579.568
			Bottom	-51.54	-14.77	0.00	0.001	0.004	-350.639
L10	1.7	TORX	Top	-13.14	-18.45	0.00	0.076	0.051	716.901
			Bottom	-13.14	-18.45	0.00	0.076	-0.041	-445.414
L10	1.7	TORY	Top	-15.99	-22.44	0.00	0.092	0.063	871.984
			Bottom	-15.99	-22.44	0.00	0.092	-0.049	-542.135
L10	1.7	DX MAX	Top	297.21	447.65	0.18	1.286	9.480	17226.477
			Bottom	297.21	447.65	0.18	1.286	1.931	10980.073
L10	1.7	DX MIN	Top	-297.21	-447.65	-0.18	-1.286	-9.480	-17226.477
			Bottom	-297.21	-447.65	-0.18	-1.286	-1.931	-10980.073
L10	1.7	DY MAX	Top	130.97	177.25	1.71	23.914	89.975	6889.049
			Bottom	130.97	177.25	1.71	23.914	18.327	4278.207
L10	1.7	DY MIN	Top	-130.97	-177.25	-1.71	-23.914	-89.975	-6889.049
			Bottom	-130.97	-177.25	-1.71	-23.914	-18.327	-4278.207
L10	1.8	DEAD	Top	-52.84	-16.58	0.00	0.001	-0.004	657.835
			Bottom	-58.65	-16.58	0.00	0.001	0.004	-386.848
L10	1.8	TORX	Top	-18.36	-21.90	0.00	0.064	0.056	855.252
			Bottom	-18.36	-21.90	0.00	0.064	-0.046	-524.442
L10	1.8	TORY	Top	-22.41	-26.63	0.00	0.078	0.069	1039.860
			Bottom	-22.41	-26.63	0.00	0.078	-0.054	-637.541
L10	1.8	DX MAX	Top	406.75	491.63	0.12	1.274	6.524	19099.140
			Bottom	406.75	491.63	0.12	1.274	1.333	11874.658
L10	1.8	DX MIN	Top	-406.75	-491.63	-0.12	-1.274	-6.524	-19099.140
			Bottom	-406.75	-491.63	-0.12	-1.274	-1.333	-11874.658

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	1.8	DY MAX	Top	204.87	233.76	1.59	13.857	81.513	9119.145
			Bottom	204.87	233.76	1.59	13.857	19.159	5609.173
L10	1.8	DY MIN	Top	-204.87	-233.76	-1.59	-13.857	-81.513	-9119.145
			Bottom	-204.87	-233.76	-1.59	-13.857	-19.159	-5609.173
L10	1.9	DEAD	Top	-162.49	-23.00	0.00	-0.054	0.017	1224.790
			Bottom	-175.87	-23.00	0.00	-0.054	-0.014	-234.412
L10	1.9	TORX	Top	-54.37	-21.82	0.00	0.139	0.170	1095.655
			Bottom	-54.37	-21.82	0.00	0.139	-0.107	-378.693
L10	1.9	TORY	Top	-66.44	-26.36	-0.01	0.169	0.212	1317.086
			Bottom	-66.44	-26.36	-0.01	0.169	-0.137	-343.884
L10	1.9	DX MAX	Top	1004.66	343.64	0.32	3.321	11.859	18434.631
			Bottom	1004.66	343.64	0.32	3.321	2.344	8788.733
L10	1.9	DX MIN	Top	-1004.66	-343.64	-0.32	-3.321	-11.859	-18434.631
			Bottom	-1004.66	-343.64	-0.32	-3.321	-2.344	-8788.733
L10	1.9	DY MAX	Top	791.62	408.99	2.52	35.083	132.568	21886.233
			Bottom	791.62	408.99	2.52	35.083	26.811	3939.897
L10	1.9	DY MIN	Top	-791.62	-408.99	-2.52	-35.083	-132.568	-21886.233
			Bottom	-791.62	-408.99	-2.52	-35.083	-26.811	-3939.897
L10	12.6	DEAD	Top	-36.91	-8.07	0.00	0.002	-0.001	356.165
			Bottom	-43.21	-8.07	0.00	0.002	0.004	-152.209
L10	12.6	TORX	Top	7.97	8.21	0.00	0.089	0.079	-352.487
			Bottom	7.97	8.21	0.00	0.089	-0.056	164.678
L10	12.6	TORY	Top	9.71	9.99	0.00	0.108	0.097	-428.560
			Bottom	9.71	9.99	0.00	0.108	-0.067	201.107
L10	12.6	DX MAX	Top	227.06	217.48	0.20	1.135	10.315	9085.796
			Bottom	227.06	217.48	0.20	1.135	2.006	4653.244
L10	12.6	DX MIN	Top	-227.06	-217.48	-0.20	-1.135	-10.315	-9085.796
			Bottom	-227.06	-217.48	-0.20	-1.135	-2.006	-4653.244
L10	12.6	DY MAX	Top	58.18	69.97	2.28	11.780	118.979	2895.030
			Bottom	58.18	69.97	2.28	11.780	24.944	1414.343
L10	12.6	DY MIN	Top	-58.18	-69.97	-2.28	-11.780	-118.979	-2895.030
			Bottom	-58.18	-69.97	-2.28	-11.780	-24.944	-1414.343
L10	12.7	DEAD	Top	-43.59	-12.00	0.00	0.001	-0.003	473.207
			Bottom	-49.79	-12.00	0.00	0.001	0.004	-203.076
L10	12.7	TORX	Top	13.11	18.56	0.00	0.076	0.051	-720.730
			Bottom	13.11	18.56	0.00	0.076	-0.041	449.667
L10	12.7	TORY	Top	15.96	22.58	0.00	0.092	0.063	-876.558
			Bottom	15.96	22.58	0.00	0.092	-0.048	546.090
L10	12.7	DX MAX	Top	311.56	471.46	0.19	1.230	9.943	18134.057
			Bottom	311.56	471.46	0.19	1.230	2.106	11572.538
L10	12.7	DX MIN	Top	-311.56	-471.46	-0.19	-1.230	-9.943	-18134.057
			Bottom	-311.56	-471.46	-0.19	-1.230	-2.106	-11572.538
L10	12.7	DY MAX	Top	119.97	163.51	1.71	23.952	89.960	6350.655
			Bottom	119.97	163.51	1.71	23.952	18.333	3950.627

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	12.7	DY MIN	Top	-119.97	-163.51	-1.71	-23.952	-89.960	-6350.655
			Bottom	-119.97	-163.51	-1.71	-23.952	-18.333	-3950.627
L10	12.8	DEAD	Top	-51.61	-13.42	0.00	0.001	-0.003	536.469
			Bottom	-57.41	-13.42	0.00	0.001	0.004	-308.959
L10	12.8	TORX	Top	18.10	21.88	0.00	0.064	0.056	-853.941
			Bottom	18.10	21.88	0.00	0.064	-0.046	524.339
L10	12.8	TORY	Top	22.10	26.60	0.00	0.078	0.069	-1038.274
			Bottom	22.10	26.60	0.00	0.078	-0.054	637.420
L10	12.8	DX MAX	Top	425.32	519.62	0.14	1.619	7.212	20162.047
			Bottom	425.32	519.62	0.14	1.619	1.597	12574.717
L10	12.8	DX MIN	Top	-425.32	-519.62	-0.14	-1.619	-7.212	-20162.047
			Bottom	-425.32	-519.62	-0.14	-1.619	-1.597	-12574.717
L10	12.8	DY MAX	Top	187.93	315.04	1.59	13.901	81.496	8387.884
			Bottom	187.93	315.04	1.59	13.901	19.162	5161.303
L10	12.8	DY MIN	Top	-187.93	-315.04	-1.59	-13.901	-81.496	-8387.884
			Bottom	-187.93	-315.04	-1.59	-13.901	-19.162	-5161.303
L10	12.9	DEAD	Top	-161.14	-18.35	0.00	0.060	-0.034	981.291
			Bottom	-174.52	-18.35	0.00	0.060	0.034	-174.478
L10	12.9	TORX	Top	52.67	31.07	0.00	0.138	0.171	-1049.483
			Bottom	52.67	31.07	0.00	0.138	-0.107	378.673
L10	12.9	TORY	Top	64.37	25.45	-0.01	0.167	0.213	-1359.720
			Bottom	64.37	25.45	-0.01	0.167	-0.128	343.833
L10	12.9	DX MAX	Top	1052.26	377.51	0.27	4.896	13.858	19756.947
			Bottom	1052.26	377.51	0.27	4.896	3.003	9357.673
L10	12.9	DX MIN	Top	-1052.26	-377.51	-0.27	-4.896	-13.858	-19756.947
			Bottom	-1052.26	-377.51	-0.27	-4.896	-3.003	-9357.673
L10	12.9	DY MAX	Top	733.89	374.88	2.53	35.028	132.801	20043.504
			Bottom	733.89	374.88	2.53	35.028	26.893	3623.459
L10	12.9	DY MIN	Top	-733.89	-374.88	-2.53	-35.028	-132.801	-20043.504
			Bottom	-733.89	-374.88	-2.53	-35.028	-26.893	-3623.459
L10	A-6	DEAD	Top	-37.87	-8.96	0.00	0.001	-0.003	397.309
			Bottom	-44.17	-8.96	0.00	0.001	0.000	-166.943
L10	A-6	TORX	Top	-8.97	-9.08	0.00	0.091	0.075	386.362
			Bottom	-8.97	-9.08	0.00	0.091	-0.039	-185.571
L10	A-6	TORY	Top	-10.92	-11.05	0.00	0.110	0.088	469.600
			Bottom	-10.92	-11.05	0.00	0.110	-0.046	-226.610
L10	A-6	DX MAX	Top	47.27	58.92	2.11	11.346	109.927	2511.956
			Bottom	47.27	58.92	2.11	11.346	23.127	1200.983
L10	A-6	DX MIN	Top	-47.27	-58.92	-2.11	-11.346	-109.927	-2511.956
			Bottom	-47.27	-58.92	-2.11	-11.346	-23.127	-1200.983
L10	A-6	DY MAX	Top	231.73	221.82	0.22	0.680	11.853	9187.036
			Bottom	231.73	221.82	0.22	0.680	2.213	4823.542
L10	A-6	DY MIN	Top	231.73	-221.82	-0.22	-0.680	11.853	-9187.036
			Bottom	231.73	-221.82	-0.22	-0.680	-2.213	-4823.542

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	A-7	DEAD	Top	-45.05	-14.04	0.00	0.001	-0.004	554.284
			Bottom	-51.25	-14.04	0.00	0.001	0.000	-330.125
L10	A-7	TORX	Top	-14.13	-20.30	0.00	0.077	0.040	786.085
			Bottom	-14.13	-20.30	0.00	0.077	-0.022	-483.106
L10	A-7	TORY	Top	-17.19	-24.70	0.00	0.094	0.050	955.790
			Bottom	-17.19	-24.70	0.00	0.094	-0.026	-600.048
L10	A-7	DX MAX	Top	103.61	138.71	1.67	24.066	87.470	5385.242
			Bottom	103.61	138.71	1.67	24.066	17.794	3353.957
L10	A-7	DX MIN	Top	-103.61	-138.71	-1.67	-24.066	-87.470	-5385.242
			Bottom	-103.61	-138.71	-1.67	-24.066	-17.794	-3353.957
L10	A-7	DY MAX	Top	302.03	475.30	0.22	1.143	11.224	18193.914
			Bottom	302.03	475.30	0.22	1.143	2.349	11755.070
L10	A-7	DY MIN	Top	-302.03	-475.30	-0.22	-1.143	-11.224	-18193.914
			Bottom	-302.03	-475.30	-0.22	-1.143	-2.349	-11755.070
L10	A-8	DEAD	Top	-52.17	-15.56	0.00	0.001	-0.004	621.540
			Bottom	-57.97	-15.56	0.00	0.001	0.000	-358.451
L10	A-8	TORX	Top	-19.65	-23.55	0.00	0.066	0.040	917.945
			Bottom	-19.65	-23.55	0.00	0.066	-0.027	-565.996
L10	A-8	TORY	Top	-24.00	-28.63	0.00	0.080	0.049	1115.738
			Bottom	-24.00	-28.63	0.00	0.080	-0.031	-687.835
L10	A-8	DX MAX	Top	167.55	186.67	1.65	11.588	83.842	7283.436
			Bottom	167.55	186.67	1.65	11.588	20.035	4478.259
L10	A-8	DX MIN	Top	-167.55	-186.67	-1.65	-11.588	-83.842	-7283.436
			Bottom	-167.55	-186.67	-1.65	-11.588	-20.035	-4478.259
L10	A-8	DY MAX	Top	404.16	523.00	0.13	1.446	7.034	20177.992
			Bottom	404.16	523.00	0.13	1.446	1.427	12771.638
L10	A-8	DY MIN	Top	-404.16	-523.00	-0.13	-1.446	-7.034	-20177.992
			Bottom	-404.16	-523.00	-0.13	-1.446	-1.427	-12771.638
L10	A-9	DEAD	Top	-160.27	-19.61	0.00	-0.057	0.018	1073.975
			Bottom	-173.66	-19.61	0.00	-0.057	-0.024	-161.611
L10	A-9	TORX	Top	-55.33	-20.58	0.00	0.143	0.124	967.161
			Bottom	-55.33	-20.58	0.00	0.143	-0.064	-329.089
L10	A-9	TORY	Top	-67.63	-24.81	0.00	0.173	0.154	1156.825
			Bottom	-67.63	-24.81	0.00	0.173	-0.075	-405.976
L10	A-9	DX MAX	Top	680.69	347.94	2.12	38.019	111.680	18592.304
			Bottom	680.69	347.94	2.12	38.019	22.195	3387.335
L10	A-9	DX MIN	Top	-680.69	-347.94	-2.12	-38.019	-111.680	-18592.304
			Bottom	-680.69	-347.94	-2.12	-38.019	-22.195	-3387.335
L10	A-9	DY MAX	Top	974.23	416.01	0.16	4.092	8.555	20170.353
			Bottom	974.23	416.01	0.16	4.092	1.781	10617.824
L10	A-9	DY MIN	Top	-974.23	-416.01	-0.16	-4.092	-8.555	-20170.353
			Bottom	-974.23	-416.01	-0.16	-4.092	-1.781	-10617.824
L10	A-10	DEAD	Top	-131.39	1.04	0.01	0.169	-0.306	88.910
			Bottom	-141.93	1.04	0.01	0.169	-0.005	-23.577

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	A-10	TORX	Top	-5.87	6.07	-0.01	-0.069	0.317	-384.578
			Bottom	-5.87	6.07	-0.01	-0.069	-0.193	-1.980
L10	A-10	TORY	Top	-7.43	7.71	-0.01	-0.086	0.391	-484.462
			Bottom	-7.43	7.71	-0.01	-0.086	-0.233	1.556
L10	A-10	DX MAX	Top	687.50	134.55	0.51	21.941	24.634	4462.233
			Bottom	687.50	134.55	0.51	21.941	8.297	4158.946
L10	A-10	DX MIN	Top	-687.50	-134.55	-0.51	-21.941	-24.634	-4462.233
			Bottom	-687.50	-134.55	-0.51	-21.941	-8.297	-4158.946
L10	A-10	DY MAX	Top	317.48	243.15	0.10	4.782	4.724	14843.873
			Bottom	317.48	243.15	0.10	4.782	1.512	2282.945
L10	A-10	DY MIN	Top	-317.48	-243.15	-0.10	-4.782	-4.724	-14843.873
			Bottom	-317.48	-243.15	-0.10	-4.782	-1.512	-2282.945
L10	P-6	DEAD	Top	-37.19	-8.22	0.00	0.001	-0.003	365.040
			Bottom	-43.49	-8.22	0.00	0.001	0.000	-152.797
L10	P-6	TORX	Top	8.91	9.04	0.00	0.091	0.072	-393.917
			Bottom	8.91	9.04	0.00	0.091	-0.039	175.312
L10	P-6	TORY	Top	10.85	11.00	0.00	0.110	0.088	-478.870
			Bottom	10.85	11.00	0.00	0.110	-0.048	314.374
L10	P-6	DX MAX	Top	51.59	62.78	2.10	11.290	109.863	2618.634
			Bottom	51.59	62.78	2.10	11.290	23.096	1337.652
L10	P-6	DX MIN	Top	-51.59	-62.78	-2.10	-11.290	-109.863	-2618.634
			Bottom	-51.59	-62.78	-2.10	-11.290	-23.096	-1337.652
L10	P-6	DY MAX	Top	246.74	237.32	0.19	1.514	10.163	9938.319
			Bottom	246.74	237.32	0.19	1.514	1.934	5060.767
L10	P-6	DY MIN	Top	-246.74	-237.32	-0.19	-1.514	-10.163	-9938.319
			Bottom	-246.74	-237.32	-0.19	-1.514	-1.934	-5060.767
L10	P-7	DEAD	Top	-43.86	-12.35	0.00	0.001	-0.004	488.441
			Bottom	-50.07	-12.35	0.00	0.001	0.000	-289.425
L10	P-7	TORX	Top	14.83	20.62	0.00	0.077	0.040	-804.595
			Bottom	14.83	20.62	0.00	0.077	-0.022	494.350
L10	P-7	TORY	Top	18.04	25.08	0.00	0.094	0.050	-978.457
			Bottom	18.04	25.08	0.00	0.094	-0.026	601.733
L10	P-7	DX MAX	Top	104.69	144.64	1.67	23.999	87.453	5574.742
			Bottom	104.69	144.64	1.67	23.999	17.780	3537.750
L10	P-7	DX MIN	Top	-104.69	-144.64	-1.67	-23.999	-87.453	-5574.742
			Bottom	-104.69	-144.64	-1.67	-23.999	-17.780	-3537.750
L10	P-7	DY MAX	Top	335.45	514.42	0.23	1.659	11.945	19776.715
			Bottom	335.45	514.42	0.23	1.659	2.703	12627.800
L10	P-7	DY MIN	Top	-335.45	-514.42	-0.23	-1.659	-11.945	-19776.715
			Bottom	-335.45	-514.42	-0.23	-1.659	-2.703	-12627.800
L10	P-8	DEAD	Top	-51.09	-13.49	0.00	0.001	-0.004	541.831
			Bottom	-56.90	-13.49	0.00	0.001	0.000	-308.265
L10	P-8	TORX	Top	19.94	24.10	0.00	0.088	0.040	-944.008
			Bottom	19.94	24.10	0.00	0.088	-0.027	574.198

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	P-8	TORY	Top	24.36	29.29	0.00	0.080	0.049	-1147.610
			Bottom	24.36	29.29	0.00	0.080	-0.031	697.968
L10	P-8	DX MAX	Top	171.94	191.52	1.64	11.590	83.708	7440.303
			Bottom	171.94	191.52	1.64	11.590	19.987	4627.529
L10	P-8	DX MIN	Top	-171.94	-191.52	-1.64	-11.590	-83.708	-7440.303
			Bottom	-171.94	-191.52	-1.64	-11.590	-19.987	-4627.529
L10	P-8	DY MAX	Top	449.16	570.83	0.18	2.158	9.017	22100.119
			Bottom	449.16	570.83	0.18	2.158	2.331	13863.308
L10	P-8	DY MIN	Top	-449.16	-570.83	-0.18	-2.158	-9.017	-22100.119
			Bottom	-449.16	-570.83	-0.18	-2.158	-2.331	-13863.308
L10	P-9	DEAD	Top	-158.11	-16.21	0.00	0.062	-0.036	888.132
			Bottom	-171.50	-16.21	0.00	0.062	0.024	-133.403
L10	P-9	TORX	Top	56.17	20.31	0.00	0.144	0.123	-1049.336
			Bottom	56.17	20.31	0.00	0.144	-0.063	331.289
L10	P-9	TORY	Top	68.67	24.50	0.00	0.174	0.153	-1255.805
			Bottom	68.67	24.50	0.00	0.174	-0.074	287.915
L10	P-9	DX MAX	Top	687.87	352.98	2.12	37.961	111.781	18162.781
			Bottom	687.87	352.98	2.12	37.961	22.214	4119.162
L10	P-9	DX MIN	Top	-687.87	-352.98	-2.12	-37.961	-111.781	-18162.781
			Bottom	-687.87	-352.98	-2.12	-37.961	-22.214	-4119.162
L10	P-9	DY MAX	Top	1112.56	449.65	0.37	9.934	19.181	23026.308
			Bottom	1112.56	449.65	0.37	9.934	4.003	10562.980
L10	P-9	DY MIN	Top	-1112.56	-449.65	-0.37	-9.934	-19.181	-23026.308
			Bottom	-1112.56	-449.65	-0.37	-9.934	-4.003	-10562.980
L10	P-10	DEAD	Top	-133.28	3.04	-0.01	-0.159	0.378	-166.312
			Bottom	-143.71	3.04	-0.01	-0.159	-0.002	24.905
L10	P-10	TORX	Top	5.34	-6.61	-0.01	-0.072	0.317	368.639
			Bottom	5.34	-6.61	-0.01	-0.072	-0.197	-47.533
L10	P-10	TORY	Top	6.78	-8.35	-0.01	-0.090	0.393	464.836
			Bottom	6.78	-8.35	-0.01	-0.090	-0.239	-61.152
L10	P-10	DX MAX	Top	687.72	144.35	0.52	22.144	24.854	4634.035
			Bottom	687.72	144.35	0.52	22.144	8.263	4512.198
L10	P-10	DX MIN	Top	-687.72	-144.35	-0.52	-22.144	-24.854	-4634.035
			Bottom	-687.72	-144.35	-0.52	-22.144	-8.263	-4512.198
L10	P-10	DY MAX	Top	316.27	283.45	0.24	8.881	11.923	16757.340
			Bottom	316.27	283.45	0.24	8.881	3.286	3333.371
L10	P-10	DY MIN	Top	-316.27	-283.45	-0.24	-8.881	-11.923	-16757.340
			Bottom	-316.27	-283.45	-0.24	-8.881	-3.286	-3333.371
L10	12.11	DEAD	Top	-134.89	0.58	-0.01	-0.156	0.376	-98.655
			Bottom	-145.33	0.58	-0.01	-0.156	0.011	-52.411
L10	12.11	TORX	Top	9.66	-5.08	-0.01	-0.103	0.392	303.262
			Bottom	9.66	-5.08	-0.01	-0.103	-0.239	-17.030
L10	12.11	TORY	Top	12.09	-6.47	-0.01	-0.127	0.483	382.907
			Bottom	12.09	-6.47	-0.01	-0.127	-0.288	-24.961

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L10	12.11	DX MAX	Top	306.93	309.77	0.13	5.326	6.395	17805.517
			Bottom	306.93	309.77	0.13	5.326	2.198	2347.227
L10	12.11	DX MIN	Top	-306.93	-309.77	-0.13	-5.326	-6.395	-17805.517
			Bottom	-306.93	-309.77	-0.13	-5.326	-2.198	-2347.227
L10	12.11	DY MAX	Top	675.04	152.13	0.64	26.423	32.134	5309.798
			Bottom	675.04	152.13	0.64	26.423	8.649	4311.285
L10	12.11	DY MIN	Top	-675.04	-152.13	-0.64	-26.423	-32.134	-5309.798
			Bottom	-675.04	-152.13	-0.64	-26.423	-8.649	-4311.285
L9	1.1	DEAD	Top	-157.15	0.88	0.00	-0.010	-0.280	153.968
			Bottom	-173.03	0.88	0.00	-0.010	-0.115	237.743
L9	1.1	TORX	Top	13.31	-15.09	0.00	0.142	0.075	549.763
			Bottom	13.31	-15.09	0.00	0.142	-0.183	-884.060
L9	1.1	TORY	Top	16.16	-17.97	0.00	0.172	0.089	650.809
			Bottom	16.16	-17.97	0.00	0.172	-0.221	-1056.473
L9	1.1	DX MAX	Top	333.21	329.50	0.03	0.946	2.533	13316.324
			Bottom	333.21	329.50	0.03	0.946	0.713	18375.619
L9	1.1	DX MIN	Top	-333.21	-329.50	-0.03	-0.946	-2.533	-13316.324
			Bottom	-333.21	-329.50	-0.03	-0.946	-0.713	-18375.619
L9	1.1	DY MAX	Top	641.22	208.24	0.14	4.019	11.484	8164.564
			Bottom	641.22	208.24	0.14	4.019	3.854	11718.279
L9	1.1	DY MIN	Top	-641.22	-208.24	-0.14	-4.019	-11.484	-8164.564
			Bottom	-641.22	-208.24	-0.14	-4.019	-3.854	-11718.279
L9	1.2	DEAD	Top	-189.59	7.58	0.00	-0.003	0.021	-297.109
			Bottom	-209.63	7.58	0.00	-0.003	0.054	422.530
L9	1.2	TORX	Top	45.24	-24.50	0.00	0.191	0.094	718.532
			Bottom	45.24	-24.50	0.00	0.191	-0.143	-1609.037
L9	1.2	TORY	Top	55.26	-29.45	0.00	0.232	0.113	860.817
			Bottom	55.26	-29.45	0.00	0.232	-0.173	-1936.885
L9	1.2	DX MAX	Top	773.00	544.31	0.06	0.915	5.068	16198.543
			Bottom	773.00	544.31	0.06	0.915	0.697	36330.729
L9	1.2	DX MIN	Top	-773.00	-544.31	-0.06	-0.915	-5.068	-16198.543
			Bottom	-773.00	-544.31	-0.06	-0.915	-0.697	-36330.729
L9	1.2	DY MAX	Top	642.10	323.47	0.52	6.856	46.305	6212.788
			Bottom	642.10	323.47	0.52	6.856	4.729	15108.058
L9	1.2	DY MIN	Top	-642.10	-323.47	-0.52	-6.856	-46.305	-6212.788
			Bottom	-642.10	-323.47	-0.52	-6.856	-4.729	-15108.058
L9	1.3	DEAD	Top	-72.13	6.00	0.00	0.001	0.009	-252.154
			Bottom	-81.04	6.00	0.00	0.001	0.023	318.046
L9	1.3	TORX	Top	18.23	-12.62	0.00	0.083	0.030	492.511
			Bottom	18.23	-12.62	0.00	0.083	-0.063	-706.821
L9	1.3	TORY	Top	22.23	-15.26	0.00	0.101	0.036	594.706
			Bottom	22.23	-15.26	0.00	0.101	-0.076	-854.616
L9	1.3	DX MAX	Top	186.19	293.34	0.03	0.245	1.759	11248.696
			Bottom	186.19	293.34	0.03	0.245	0.453	16619.968

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	1.3	DX MIN	Top	-386.19	-293.34	-0.03	-0.245	-2.729	-11248.696
			Bottom	-386.19	-293.34	-0.03	-0.245	-0.453	-16619.968
L9	1.3	DY MAX	Top	187.53	91.45	0.37	2.334	30.262	3628.164
			Bottom	187.53	91.45	0.37	2.334	4.805	5061.629
L9	1.3	DY MIN	Top	-187.53	-91.45	-0.37	-2.334	-30.262	-3628.164
			Bottom	-187.53	-91.45	-0.37	-2.334	-4.805	-5061.629
L9	1.4	DEAD	Top	-66.04	6.20	0.00	0.001	0.010	-256.750
			Bottom	-75.25	6.20	0.00	0.001	0.023	331.896
L9	1.4	TORX	Top	17.31	-9.93	0.00	0.085	0.026	399.520
			Bottom	17.31	-9.93	0.00	0.085	-0.055	-543.753
L9	1.4	TORY	Top	21.04	-12.00	0.00	0.103	0.030	482.794
			Bottom	21.04	-12.00	0.00	0.103	-0.067	-657.536
L9	1.4	DX MAX	Top	398.89	241.34	0.05	0.200	3.751	9506.568
			Bottom	398.89	241.34	0.05	0.200	0.554	13424.064
L9	1.4	DX MIN	Top	-398.89	-241.34	-0.05	-0.200	-3.751	-9506.568
			Bottom	-398.89	-241.34	-0.05	-0.200	-0.554	-13424.064
L9	1.4	DY MAX	Top	138.27	62.04	0.40	3.671	32.633	3535.706
			Bottom	138.27	62.04	0.40	3.671	5.402	3360.109
L9	1.4	DY MIN	Top	-138.27	-62.04	-0.40	-3.671	-32.633	-3535.706
			Bottom	-138.27	-62.04	-0.40	-3.671	-5.402	-3360.109
L9	1.5	DEAD	Top	-61.89	3.37	0.00	0.000	0.009	-177.683
			Bottom	-71.39	3.37	0.00	0.000	0.021	142.653
L9	1.5	TORX	Top	15.94	-3.88	0.00	0.102	0.008	151.364
			Bottom	15.94	-3.88	0.00	0.102	-0.023	-216.770
L9	1.5	TORY	Top	19.37	-4.67	0.00	0.124	0.009	183.211
			Bottom	19.37	-4.67	0.00	0.124	-0.027	-261.669
L9	1.5	DX MAX	Top	427.28	96.74	0.04	0.310	3.932	3642.149
			Bottom	427.28	96.74	0.04	0.310	0.367	5597.313
L9	1.5	DX MIN	Top	-427.28	-96.74	-0.04	-0.310	-3.932	-3642.148
			Bottom	-427.28	-96.74	-0.04	-0.310	-0.367	-5597.313
L9	1.5	DY MAX	Top	106.01	20.22	0.47	3.117	40.654	782.185
			Bottom	106.01	20.22	0.47	3.117	4.437	1141.063
L9	1.5	DY MIN	Top	-106.01	-20.22	-0.47	-3.117	-40.654	-782.185
			Bottom	-106.01	-20.22	-0.47	-3.117	-4.437	-1141.063
L9	1.11	DEAD	Top	-157.46	-3.64	0.00	0.016	-0.276	-33.126
			Bottom	-173.20	-3.64	0.00	0.016	-0.124	-378.375
L9	1.11	TORX	Top	-13.04	-16.56	0.00	0.142	-0.102	611.410
			Bottom	-13.04	-16.56	0.00	0.142	0.163	-962.165
L9	1.11	TORY	Top	-15.84	-19.76	0.00	0.172	-0.122	725.930
			Bottom	-15.84	-19.76	0.00	0.172	0.197	-1151.543
L9	1.11	DX MAX	Top	328.71	320.46	0.03	0.676	2.552	13063.329
			Bottom	328.71	320.46	0.03	0.676	0.838	17755.774
L9	1.11	DX MIN	Top	-328.71	-320.46	-0.03	-0.676	-2.552	-13063.329
			Bottom	-328.71	-320.46	-0.03	-0.676	-0.838	-17755.774

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	1.11	DY MAX							
			Top	656.05	279.05	0.16	4.410	13.091	11398.340
			Bottom	656.05	279.05	0.16	4.410	4.219	15230.898
L9	1.11	DY MIN							
			Top	-656.05	-279.05	-0.16	-4.410	-13.091	-11398.340
			Bottom	-656.05	-279.05	-0.16	-4.410	-4.219	-15230.898
L9	12.1	DEAD							
			Top	-154.47	1.43	0.00	0.025	0.295	136.928
			Bottom	-170.35	1.43	0.00	0.025	0.151	272.655
L9	12.1	TORX							
			Top	-12.95	15.36	0.00	0.140	0.069	-557.629
			Bottom	-12.95	15.36	0.00	0.140	-0.184	901.325
L9	12.1	TORY							
			Top	-15.73	18.29	0.00	0.169	0.083	-660.423
			Bottom	-15.73	18.29	0.00	0.169	-0.222	1077.479
L9	12.1	DX MAX							
			Top	302.92	360.75	0.03	0.718	2.549	14516.188
			Bottom	302.92	360.75	0.03	0.718	1.161	20143.621
L9	12.1	DX MIN							
			Top	-302.92	-360.75	-0.03	-0.718	-2.549	-14516.188
			Bottom	-302.92	-360.75	-0.03	-0.718	-1.161	-20143.621
L9	12.1	DY MAX							
			Top	629.48	203.56	0.14	4.058	11.457	8049.546
			Bottom	629.48	203.56	0.14	4.058	3.921	11394.070
L9	12.1	DY MIN							
			Top	-629.48	-203.56	-0.14	-4.058	-11.457	-8049.546
			Bottom	-629.48	-203.56	-0.14	-4.058	-3.921	-11394.070
L9	12.2	DEAD							
			Top	-189.58	8.53	0.00	0.007	0.023	-330.256
			Bottom	-209.63	8.53	0.00	0.007	0.042	480.345
L9	12.2	TORX							
			Top	-45.72	24.96	0.00	0.191	0.094	-726.389
			Bottom	-45.72	24.96	0.00	0.191	-0.143	1644.951
L9	12.2	TORY							
			Top	-55.86	30.01	0.00	0.232	0.112	-870.422
			Bottom	-55.86	30.01	0.00	0.232	-0.172	1980.573
L9	12.2	DX MAX							
			Top	832.59	578.37	0.05	0.728	4.181	16995.996
			Bottom	832.59	578.37	0.05	0.728	0.605	38763.465
L9	12.2	DX MIN							
			Top	-832.59	-578.37	-0.05	-0.728	-4.181	-16995.996
			Bottom	-832.59	-578.37	-0.05	-0.728	-0.605	-38763.465
L9	12.2	DY MAX							
			Top	635.07	217.57	0.52	6.858	46.262	6094.946
			Bottom	635.07	217.57	0.52	6.858	4.720	14660.750
L9	12.2	DY MIN							
			Top	-635.07	-217.57	-0.52	-6.858	-46.262	-6094.946
			Bottom	-635.07	-217.57	-0.52	-6.858	-4.720	-14660.750
L9	12.3	DEAD							
			Top	-72.27	6.28	0.00	0.001	0.009	-262.930
			Bottom	-81.18	6.28	0.00	0.001	0.023	333.721
L9	12.3	TORX							
			Top	-18.54	12.88	0.00	0.083	0.030	-503.007
			Bottom	-18.54	12.88	0.00	0.083	-0.062	721.751
L9	12.3	TORY							
			Top	-22.61	15.57	0.00	0.101	0.036	-606.629
			Bottom	-22.61	15.57	0.00	0.101	-0.076	872.782
L9	12.3	DX MAX							
			Top	408.95	306.37	0.03	0.196	3.706	11770.373
			Bottom	408.95	306.37	0.03	0.196	0.458	17335.616
L9	12.3	DX MIN							
			Top	-408.95	-306.37	-0.03	-0.196	-3.706	-11770.373
			Bottom	-408.95	-306.37	-0.03	-0.196	-0.458	-17335.616
L9	12.3	DY MAX							
			Top	184.64	89.10	0.37	2.327	30.258	3539.112
			Bottom	184.64	89.10	0.37	2.327	4.795	4927.228

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	12.3	DY MIN							
			Top	-184.64	-89.10	-0.37	-2.327	-30.258	-3539.112
			Bottom	-184.64	-89.10	-0.37	-2.327	-4.795	-4927.228
L9	12.4	DEAD							
			Top	-66.26	6.37	0.00	0.001	0.009	-264.123
			Bottom	-75.46	6.37	0.00	0.001	0.024	340.870
L9	12.4	TORX							
			Top	-17.67	10.14	0.00	0.085	0.026	-407.662
			Bottom	-17.67	10.14	0.00	0.085	-0.055	556.006
L9	12.4	TORY							
			Top	-21.48	12.26	0.00	0.103	0.030	-492.705
			Bottom	-21.48	12.26	0.00	0.103	-0.066	672.449
L9	12.4	DX MAX							
			Top	417.54	251.58	0.04	0.161	3.736	9917.350
			Bottom	417.54	251.58	0.04	0.161	0.562	13985.765
L9	12.4	DX MIN							
			Top	-417.54	-251.58	-0.04	-0.161	-3.736	-9917.350
			Bottom	-417.54	-251.58	-0.04	-0.161	-0.562	-13985.765
L9	12.4	DY MAX							
			Top	135.21	60.67	0.40	3.668	32.623	2484.360
			Bottom	135.21	60.67	0.40	3.668	5.391	3281.346
L9	12.4	DY MIN							
			Top	-135.21	-60.67	-0.40	-3.668	-32.623	-2484.360
			Bottom	-135.21	-60.67	-0.40	-3.668	-5.391	-3281.346
L9	12.5	DEAD							
			Top	-61.84	3.43	0.00	0.000	0.009	-181.112
			Bottom	-71.44	3.43	0.00	0.000	0.021	144.294
L9	12.5	TORX							
			Top	-16.39	3.96	0.00	0.102	0.008	-153.936
			Bottom	-16.39	3.96	0.00	0.102	-0.022	221.987
L9	12.5	TORY							
			Top	-19.92	4.77	0.00	0.124	0.009	-185.344
			Bottom	-19.92	4.77	0.00	0.124	-0.027	268.018
L9	12.5	DX MAX							
			Top	447.32	101.16	0.04	0.313	3.833	3792.397
			Bottom	447.32	101.16	0.04	0.313	0.340	5866.262
L9	12.5	DX MIN							
			Top	-447.32	-101.16	-0.04	-0.313	-3.833	-3792.397
			Bottom	-447.32	-101.16	-0.04	-0.313	-0.340	-5866.262
L9	12.5	DY MAX							
			Top	102.76	19.95	0.47	2.114	40.647	776.251
			Bottom	102.76	19.95	0.47	2.114	4.435	1121.385
L9	12.5	DY MIN							
			Top	-102.76	-19.95	-0.47	-2.114	-40.647	-776.251
			Bottom	-102.76	-19.95	-0.47	-2.114	-4.435	-1121.385
L9	A-1	DEAD							
			Top	-155.23	1.81	0.00	-0.019	-0.297	133.474
			Bottom	-171.11	1.81	0.00	-0.019	-0.134	305.112
L9	A-1	TORX							
			Top	7.51	-15.52	0.00	0.142	0.055	548.848
			Bottom	7.51	-15.52	0.00	0.142	-0.150	-925.887
L9	A-1	TORY							
			Top	9.08	-18.47	0.00	0.171	0.066	648.649
			Bottom	9.08	-18.47	0.00	0.171	-0.181	-1105.603
L9	A-1	DX MAX							
			Top	618.66	248.58	0.14	3.604	10.445	9788.854
			Bottom	618.66	248.58	0.14	3.604	3.815	14002.225
L9	A-1	DX MIN							
			Top	-618.66	-248.58	-0.14	-3.604	-10.445	-9788.854
			Bottom	-618.66	-248.58	-0.14	-3.604	-3.815	-14002.225
L9	A-1	DY MAX							
			Top	324.72	328.17	0.03	0.903	3.776	12894.100
L9	A-1	DY MIN		324.72	328.17	0.03	0.903	0.873	18834.905
			Top	-324.72	-328.17	-0.03	-0.903	-3.776	-12894.100
			Bottom	-324.72	-328.17	-0.03	-0.903	-0.873	-18834.905

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	A-2	DEAD							
			Top	-185.91	10.58	0.00	-0.003	0.002	-364.278
			Bottom	-205.95	10.58	0.00	-0.003	0.011	641.196
L9	A-2	TORX							
			Top	47.94	-25.67	0.00	0.190	0.093	692.797
			Bottom	47.94	-25.67	0.00	0.190	-0.094	-1745.421
L9	A-2	TORY							
			Top	58.57	-30.81	0.00	0.230	0.111	827.350
			Bottom	58.57	-30.81	0.00	0.230	-0.113	-2099.703
L9	A-2	DX MAX							
			Top	717.02	284.41	0.43	5.657	37.561	7842.672
			Bottom	717.02	284.41	0.43	5.657	4.241	19120.380
L9	A-2	DX MIN							
			Top	-717.02	-284.41	-0.43	-5.657	-37.561	-7842.672
			Bottom	-717.02	-284.41	-0.43	-5.657	-4.241	-19120.380
L9	A-2	DY MAX							
			Top	773.61	542.31	0.04	1.417	3.273	15287.509
L9	A-2	DY MIN		773.61	542.31	0.04	1.417	0.439	37439.582
			Top	-773.61	-542.31	-0.04	-1.417	-3.273	-15287.509
			Bottom	-773.61	-542.31	-0.04	-1.417	-0.439	-37439.582
L9	A-3	DEAD							
			Top	-69.82	9.31	0.00	0.001	0.001	-392.126
			Bottom	-78.72	9.31	0.00	0.001	0.001	492.082
L9	A-3	TORX							
			Top	33.16	-13.62	0.00	0.082	0.035	529.364
			Bottom	33.16	-13.62	0.00	0.082	-0.039	-764.913
L9	A-3	TORY							
			Top	37.02	-16.46	0.00	0.100	0.043	639.215
			Bottom	37.02	-16.46	0.00	0.100	-0.047	-924.521
L9	A-3	DX MAX							
			Top	235.85	121.07	0.30	2.650	24.657	4791.425
			Bottom	235.85	121.07	0.30	2.650	4.233	6712.183
L9	A-3	DX MIN							
			Top	-235.85	-121.07	-0.30	-2.650	-24.657	-4791.425
			Bottom	-235.85	-121.07	-0.30	-2.650	-4.233	-6712.183
L9	A-3	DY MAX							
			Top	436.16	287.74	0.03	0.247	2.637	11050.806
			Bottom	436.16	287.74	0.03	0.247	0.404	16286.519
L9	A-3	DY MIN							
			Top	-436.16	-287.74	-0.03	-0.247	-2.637	-11050.806
			Bottom	-436.16	-287.74	-0.03	-0.247	-0.404	-16286.519
L9	A-4	DEAD							
			Top	-77.31	12.69	0.00	0.001	0.001	-384.090
			Bottom	-86.41	12.69	0.00	0.001	0.000	821.643
L9	A-4	TORX							
			Top	33.66	-10.62	0.00	0.091	0.021	315.539
			Bottom	33.66	-10.62	0.00	0.091	-0.029	-693.813
L9	A-4	TORY							
			Top	40.92	-13.85	0.00	0.111	0.026	381.043
			Bottom	40.92	-13.85	0.00	0.111	-0.035	-839.689
L9	A-4	DX MAX							
			Top	282.26	82.51	0.42	1.245	33.071	2512.786
			Bottom	282.26	82.51	0.42	1.245	7.157	5326.996
L9	A-4	DX MIN							
			Top	-282.26	-82.51	-0.42	-1.245	-33.071	-2512.786
			Bottom	-282.26	-82.51	-0.42	-1.245	-7.157	-5326.996
L9	A-4	DY MAX							
			Top	740.29	333.83	0.04	0.280	2.923	6757.885
L9	A-4	DY MIN		740.29	333.83	0.04	0.280	0.601	15520.452
			Top	-740.29	-333.83	-0.04	-0.280	-2.923	-6757.885
			Bottom	-740.29	-333.83	-0.04	-0.280	-0.601	-15520.452
L9	P-1	DEAD							
			Top	-161.66	0.89	0.00	0.017	0.293	170.307
			Bottom	-177.54	0.89	0.00	0.017	0.146	255.141

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	P-1	TORX							
			Top	-9.87	16.44	0.00	0.145	0.059	-613.805
			Bottom	-9.87	16.44	0.00	0.145	-0.153	948.025
L9	P-1	TORY							
			Top	-11.95	19.57	0.00	0.175	0.069	-726.998
			Bottom	-11.95	19.57	0.00	0.175	-0.184	1132.681
L9	P-1	DX MAX							
			Top	637.28	238.24	0.14	3.859	11.120	9490.122
L9	P-1	DX MIN		637.28	238.24	0.14	3.859	3.909	13310.930
			Top	-637.28	-238.24	-0.14	-3.859	-11.120	-9490.122
			Bottom	-637.28	-238.24	-0.14	-3.859	-3.909	-13310.930
L9	P-1	DY MAX							
			Top	277.76	372.26	0.04	1.264	3.136	14928.166
L9	P-1	DY MIN		277.76	372.26	0.04	1.264	0.999	20973.654
			Top	-277.76	-372.26	-0.04	-1.264	-3.136	-14928.166
			Bottom	-277.76	-372.26	-0.04	-1.264	-0.999	-20973.654
L9	P-2	DEAD							
			Top	-201.50	4.94	0.00	0.008	0.005	-139.212
			Bottom	-221.64	4.94	0.00	0.008	-0.004	339.963
L9	P-2	TORX							
			Top	-49.99	23.90	0.00	0.189	0.091	-791.699
			Bottom	-49.99	23.90	0.00	0.189	-0.095	1478.832
L9	P-2	TORY							
			Top	-61.10	28.67	0.00	0.230	0.110	-946.682
			Bottom	-61.10	28.67	0.00	0.230	-0.115	1776.564
L9	P-2	DX MAX							
			Top	728.09	350.31	0.53	8.731	47.560	8047.027
L9	P-2	DX MIN		728.09	350.31	0.53	8.731	4.311	15778.634
			Top	-728.09	-350.31	-0.53	-8.731	-47.560	-8047.027
			Bottom	-728.09	-350.31	-0.53	-8.731	-4.311	-15778.634
L9	P-2	DY MAX							
			Top	944.54	538.18	0.06	1.216	5.601	17316.497
L9	P-2	DY MIN		944.54	538.18	0.06	1.216	0.531	34056.590
			Top	-944.54	-538.18	-0.06	-1.216	-5.601	-17316.497
			Bottom	-944.54	-538.18	-0.06	-1.216	-0.531	-34056.590
L9	P-3	DEAD							
			Top	-56.62	1.25	0.00	0.001	0.001	-82.579
			Bottom	-62.26	1.25	0.00	0.001	0.001	36.528
L9	P-3	TORX							
			Top	-15.39	6.00	0.00	0.058	0.018	-259.971
			Bottom	-15.39	6.00	0.00	0.058	-0.014	310.412
L9	P-3	TORY							
			Top	-18.79	7.25	0.00	0.070	0.022	-313.971
			Bottom	-18.79	7.25	0.00	0.070	-0.017	374.948
L9	P-3	DX MAX							
			Top	168.47	52.04	0.31	1.396	26.039	2310.490
L9	P-3	DX MIN		168.47	52.04	0.31	1.396	3.866	2634.496
			Top	-168.47	-52.04	-0.31	-1.396	-26.099	-2310.490
			Bottom	-168.47	-52.04	-0.31	-1.396	-3.866	-2634.496
L9	P-3	DY MAX							
			Top	348.47	129.96	0.03	0.141	2.379	5565.847
L9	P-3	DY MIN		348.47	129.96	0.03	0.141	0.340	6780.884
			Top	-348.47	-129.96	-0.03	-0.141	-2.379	-5565.847
			Bottom	-348.47	-129.96	-0.03	-0.141	-0.340	-6780.884
L9	P-4	DEAD							
			Top	-51.31	2.79	0.00	0.001	0.001	-93.975
			Bottom	-57.40	2.79	0.00	0.001	0.000	170.759
L9	P-4	TORX							
			Top	-15.20	4.47	0.00	0.058	0.019	191.894
			Bottom	-15.20	4.47	0.00	0.058	-0.028	278.292

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	P-4	TORY	Top	-18.46	5.89	0.00	0.070	0.034	-231.710
			Bottom	-18.46	5.89	0.00	0.070	-0.034	326.841
L9	P-4	DX MAX	Top	127.75	35.06	0.35	2.623	29.718	1373.777
			Bottom	127.75	35.06	0.35	2.623	3.903	1957.072
L9	P-4	DX MIN	Top	-127.75	-35.06	-0.35	-2.623	-29.718	-1373.777
			Bottom	-127.75	-35.06	-0.35	-2.623	-3.903	-1957.072
L9	P-4	DY MAX	Top	319.52	110.13	0.04	0.209	3.280	4303.277
			Bottom	319.52	110.13	0.04	0.209	0.377	6163.196
L9	P-4	DY MIN	Top	-319.52	-110.13	-0.04	-0.209	-3.280	-4303.277
			Bottom	-319.52	-110.13	-0.04	-0.209	-0.377	-6163.196
L9	P-5	DEAD	Top	-65.26	2.59	0.00	0.001	0.001	-180.593
			Bottom	-74.76	2.59	0.00	0.001	0.001	65.261
L9	P-5	TORX	Top	-17.09	3.85	0.00	0.100	0.016	-186.723
			Bottom	-17.09	3.85	0.00	0.100	0.002	179.078
L9	P-5	TORY	Top	-20.76	4.64	0.00	0.122	0.019	-224.839
			Bottom	-20.76	4.64	0.00	0.122	0.003	215.795
L9	P-5	DX MAX	Top	122.54	24.34	0.52	2.995	45.514	1262.882
			Bottom	122.54	24.34	0.52	2.995	3.943	1052.713
L9	P-5	DX MIN	Top	-122.54	-24.34	-0.52	-2.995	-45.514	-1262.882
			Bottom	-122.54	-24.34	-0.52	-2.995	-3.943	-1052.713
L9	P-5	DY MAX	Top	431.12	90.72	0.05	0.422	4.524	4057.278
			Bottom	431.12	90.72	0.05	0.422	0.291	4648.795
L9	P-5	DY MIN	Top	-431.12	-90.72	-0.05	-0.422	-4.524	-4057.278
			Bottom	-431.12	-90.72	-0.05	-0.422	-0.291	-4648.795
L9	1.6	DEAD	Top	-62.18	-3.50	0.00	0.002	0.008	185.881
			Bottom	-71.68	-3.50	0.00	0.002	0.014	-146.706
L9	1.6	TORX	Top	-16.31	-3.96	0.00	0.101	-0.032	154.896
			Bottom	-16.31	-3.96	0.00	0.101	0.001	-220.886
L9	1.6	TORY	Top	-19.82	-4.77	0.00	0.123	-0.038	186.516
			Bottom	-19.82	-4.77	0.00	0.123	0.001	-266.686
L9	1.6	DX MAX	Top	421.30	95.36	0.05	0.296	4.343	3592.172
			Bottom	421.30	95.36	0.05	0.296	0.307	5516.313
L9	1.6	DX MIN	Top	-421.30	-95.36	-0.05	-0.296	-4.343	-3592.172
			Bottom	-421.30	-95.36	-0.05	-0.296	-0.307	-5516.313
L9	1.6	DY MAX	Top	138.50	32.67	0.52	2.490	45.050	1356.899
			Bottom	138.50	32.67	0.52	2.490	4.479	1748.746
L9	1.6	DY MIN	Top	-138.50	-32.67	-0.52	-2.490	-45.050	-1356.899
			Bottom	-138.50	-32.67	-0.52	-2.490	-4.479	-1748.746
L9	1.7	DEAD	Top	-69.03	-6.82	0.00	0.001	0.008	282.142
			Bottom	-77.38	-6.82	0.00	0.001	0.016	-365.867
L9	1.7	TORX	Top	-18.15	-10.34	0.00	0.086	-0.050	413.896
			Bottom	-18.15	-10.34	0.00	0.086	0.032	-569.081
L9	1.7	TORY	Top	-22.06	-12.50	0.00	0.105	-0.060	500.254
			Bottom	-22.06	-12.50	0.00	0.105	0.039	-687.100

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	1.7	DX MAX	Top	400.02	240.92	0.04	0.219	3.824	9435.412
			Bottom	400.02	240.92	0.04	0.219	0.466	13456.573
L9	1.7	DX MIN	Top	-400.02	-240.92	-0.04	-0.219	-3.824	-9435.412
			Bottom	-400.02	-240.92	-0.04	-0.219	-0.466	-13456.573
L9	1.7	DY MAX	Top	186.62	94.85	0.43	3.813	35.507	3886.060
			Bottom	186.62	94.85	0.43	3.813	5.406	5125.598
L9	1.7	DY MIN	Top	-186.62	-94.85	-0.43	-3.813	-35.507	-3886.060
			Bottom	-186.62	-94.85	-0.43	-3.813	-5.406	-5125.598
L9	1.8	DEAD	Top	-72.03	-6.89	0.00	0.001	0.008	288.132
			Bottom	-80.79	-6.89	0.00	0.001	0.014	-366.121
L9	1.8	TORX	Top	-18.57	-12.87	0.00	0.082	-0.052	504.950
			Bottom	-18.57	-12.87	0.00	0.082	0.040	-717.833
L9	1.8	TORY	Top	-22.64	-15.56	0.00	0.099	-0.063	610.316
			Bottom	-22.64	-15.56	0.00	0.099	0.048	-868.178
L9	1.8	DX MAX	Top	377.77	284.64	0.03	0.195	2.668	10984.843
			Bottom	377.77	284.64	0.03	0.195	0.376	16057.087
L9	1.8	DX MIN	Top	-377.77	-284.64	-0.03	-0.195	-2.668	-10984.843
			Bottom	-377.77	-284.64	-0.03	-0.195	-0.376	-16057.087
L9	1.8	DY MAX	Top	225.66	131.45	0.38	2.101	31.449	5239.854
			Bottom	225.66	131.45	0.38	2.101	4.766	7249.186
L9	1.8	DY MIN	Top	-225.66	-131.45	-0.38	-2.101	-31.449	-5239.854
			Bottom	-225.66	-131.45	-0.38	-2.101	-4.766	-7249.186
L9	1.9	DEAD	Top	-193.40	-10.51	0.00	0.009	0.015	397.794
			Bottom	-213.59	-10.51	0.00	0.009	0.037	-600.771
L9	1.9	TORX	Top	-46.83	-25.90	0.00	0.194	-0.144	753.917
			Bottom	-46.83	-25.90	0.00	0.194	0.099	-1706.448
L9	1.9	TORY	Top	-57.21	-31.15	0.00	0.235	-0.173	903.816
			Bottom	-57.21	-31.15	0.00	0.235	0.130	-2055.381
L9	1.9	DX MAX	Top	773.29	535.55	0.05	0.591	4.534	16004.763
			Bottom	773.29	535.55	0.05	0.591	0.469	35750.255
L9	1.9	DX MIN	Top	-773.29	-535.55	-0.05	-0.591	-4.534	-16004.763
			Bottom	-773.29	-535.55	-0.05	-0.591	-0.469	-35750.255
L9	1.9	DY MAX	Top	750.57	316.14	0.58	6.755	51.818	9788.144
			Bottom	750.57	316.14	0.58	6.755	4.834	20391.762
L9	1.9	DY MIN	Top	-750.57	-316.14	-0.58	-6.755	-51.818	-9788.144
			Bottom	-750.57	-316.14	-0.58	-6.755	-4.834	-20391.762
L9	12.6	DEAD	Top	-59.87	-2.85	0.00	0.002	0.008	159.583
			Bottom	-69.07	-2.85	0.00	0.002	0.015	-111.052
L9	12.6	TORX	Top	16.54	4.00	0.00	0.101	-0.032	-155.645
			Bottom	16.54	4.00	0.00	0.101	0.001	223.994
L9	12.6	TORY	Top	20.10	4.82	0.00	0.123	-0.038	-187.439
			Bottom	20.10	4.82	0.00	0.123	0.000	270.483
L9	12.6	DX MAX	Top	443.19	100.31	0.05	0.310	4.059	3762.976
			Bottom	443.19	100.31	0.05	0.310	0.315	5815.364

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	12.6	DX MIN	Top	-443.19	-100.31	-0.05	-0.310	-4.059	-3762.976
			Bottom	-443.19	-100.31	-0.05	-0.310	-0.315	-5815.364
L9	12.6	DY MAX	Top	128.41	30.22	0.52	2.491	45.086	1247.172
			Bottom	128.41	30.22	0.52	2.491	4.481	1624.749
L9	12.6	DY MIN	Top	-128.41	-30.22	-0.52	-2.491	-45.086	-1247.172
			Bottom	-128.41	-30.22	-0.52	-2.491	-4.481	-1624.749
L9	12.7	DEAD	Top	-65.41	-4.94	0.00	0.001	0.008	208.873
			Bottom	-74.76	-4.94	0.00	0.001	0.016	-260.316
L9	12.7	TORX	Top	18.10	10.41	0.00	0.086	-0.050	-415.897
			Bottom	18.10	10.41	0.00	0.086	0.031	573.380
L9	12.7	TORY	Top	22.01	12.59	0.00	0.105	-0.060	-502.714
			Bottom	22.01	12.59	0.00	0.105	0.038	693.596
L9	12.7	DX MAX	Top	419.62	253.82	0.05	0.212	3.959	9902.430
			Bottom	419.62	253.82	0.05	0.212	0.481	14119.462
L9	12.7	DX MIN	Top	-419.62	-253.82	-0.05	-0.212	-3.959	-9902.430
			Bottom	-419.62	-253.82	-0.05	-0.212	-0.481	-14119.462
L9	12.7	DY MAX	Top	170.93	87.44	0.43	3.819	35.501	3575.338
			Bottom	170.93	87.44	0.43	3.819	5.404	4732.346
L9	12.7	DY MIN	Top	-170.93	-87.44	-0.43	-3.819	-35.501	-3575.338
			Bottom	-170.93	-87.44	-0.43	-3.819	-5.404	-4732.346
L9	12.8	DEAD	Top	-70.74	-4.41	0.00	0.001	0.008	194.510
			Bottom	-79.50	-4.41	0.00	0.001	0.015	-324.154
L9	12.8	TORX	Top	18.19	12.90	0.00	0.082	-0.052	-504.842
			Bottom	18.19	12.90	0.00	0.082	0.039	720.272
L9	12.8	TORY	Top	22.19	15.59	0.00	0.099	-0.063	-610.209
			Bottom	22.19	15.59	0.00	0.099	0.047	871.181
L9	12.8	DX MAX	Top	397.54	299.41	0.03	0.242	2.871	11567.170
			Bottom	397.54	299.41	0.03	0.242	0.382	16877.383
L9	12.8	DX MIN	Top	-397.54	-299.41	-0.03	-0.242	-2.871	-11567.170
			Bottom	-397.54	-299.41	-0.03	-0.242	-0.382	-16877.383
L9	12.8	DY MAX	Top	206.47	120.68	0.38	2.106	31.444	4905.238
			Bottom	206.47	120.68	0.38	2.106	4.766	6660.984
L9	12.8	DY MIN	Top	-206.47	-120.68	-0.38	-2.106	-31.444	-4905.238
			Bottom	-206.47	-120.68	-0.38	-2.106	-4.766	-6660.984
L9	12.9	DEAD	Top	-191.80	-5.68	0.00	-0.004	0.019	352.753
			Bottom	-211.99	-5.68	0.00	-0.004	0.021	-388.490
L9	12.9	TORX	Top	44.87	25.51	0.00	0.192	-0.143	-735.961
			Bottom	44.87	25.51	0.00	0.192	0.098	1687.379
L9	12.9	TORY	Top	54.81	30.68	0.00	0.233	-0.172	-882.002
			Bottom	54.81	30.68	0.00	0.233	0.118	2032.147
L9	12.9	DX MAX	Top	815.52	572.85	0.06	0.895	5.248	16808.656
			Bottom	815.52	572.85	0.06	0.895	0.590	38484.484
L9	12.9	DX MIN	Top	815.52	-572.85	-0.06	-0.895	-5.248	-16808.656
			Bottom	815.52	572.85	-0.06	-0.895	-0.590	-38484.484

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	12.9	DY MAX	Top	693.44	287.17	0.58	6.766	51.870	8947.751
			Bottom	693.44	287.17	0.58	6.766	4.812	18481.291
L9	12.9	DY MIN	Top	-693.44	-287.17	-0.58	-6.766	-51.870	-8947.751
			Bottom	-693.44	-287.17	-0.58	-6.766	-4.812	-18481.291
L9	A-6	DEAD	Top	-61.72	-3.54	0.00	0.001	0.000	190.609
			Bottom	-71.22	-3.54	0.00	0.001	-0.004	-145.955
L9	A-6	TORX	Top	-18.26	-4.24	0.00	0.100	-0.013	161.095
			Bottom	-18.26	-4.24	0.00	0.100	-0.002	-241.974
L9	A-6	TORY	Top	-22.18	-5.11	0.00	0.121	-0.015	193.653
			Bottom	-22.18	-5.11	0.00	0.121	-0.002	-291.751
L9	A-6	DX MAX	Top	105.13	23.90	0.48	2.147	41.794	998.217
			Bottom	105.13	23.90	0.48	2.147	4.179	1274.864
L9	A-6	DX MIN	Top	-105.13	-23.90	-0.48	-2.147	-41.794	-998.217
			Bottom	-105.13	-23.90	-0.48	-2.147	-4.179	-1274.864
L9	A-6	DY MAX	Top	448.17	98.36	0.05	0.407	4.731	3592.628
			Bottom	448.17	98.36	0.05	0.407	0.278	5809.513
L9	A-6	DY MIN	Top	-448.17	-98.36	-0.05	-0.407	-4.731	-3592.628
			Bottom	-448.17	-98.36	-0.05	-0.407	-0.278	-5809.513
L9	A-7	DEAD	Top	-67.67	-6.92	0.00	0.001	0.000	284.337
			Bottom	-77.02	-6.92	0.00	0.001	-0.005	-371.508
L9	A-7	TORX	Top	-19.32	-10.97	0.00	0.086	-0.028	435.536
			Bottom	-19.32	-10.97	0.00	0.086	0.038	-606.452
L9	A-7	TORY	Top	-23.49	-13.25	0.00	0.105	-0.034	525.851
			Bottom	-23.49	-13.25	0.00	0.105	0.034	-732.869
L9	A-7	DX MAX	Top	148.47	71.92	0.41	3.904	34.361	2957.502
			Bottom	148.47	71.92	0.41	3.904	4.935	3876.891
L9	A-7	DX MIN	Top	-148.47	-71.92	-0.41	-3.904	-34.361	-2957.502
			Bottom	-148.47	-71.92	-0.41	-3.904	-4.935	-3876.891
L9	A-7	DY MAX	Top	406.22	246.24	0.05	0.212	4.509	9591.630
			Bottom	406.22	246.24	0.05	0.212	0.469	13806.390
L9	A-7	DY MIN	Top	-406.22	-246.24	-0.05	-0.212	-4.509	-9591.630
			Bottom	-406.22	-246.24	-0.05	-0.212	-0.469	-13806.390
L9	A-8	DEAD	Top	-71.06	-6.87	0.00	0.001	0.000	286.034
			Bottom	-79.82	-6.87	0.00	0.001	-0.005	-366.985
L9	A-8	TORX	Top	-19.45	-13.37	0.00	0.081	-0.030	523.247
			Bottom	-19.45	-13.37	0.00	0.081	0.036	-748.071
L9	A-8	TORY	Top	-23.73	-16.15	0.00	0.099	-0.036	630.480
			Bottom	-23.73	-16.15	0.00	0.099	0.043	-903.825
L9	A-8	DX MAX	Top	187.50	102.34	0.38	1.993	31.923	4084.404
			Bottom	187.50	102.34	0.38	1.993	4.647	5639.934
L9	A-8	DX MIN	Top	-187.50	-102.34	-0.38	-1.993	-31.923	-4084.404
			Bottom	-187.50	-102.34	-0.38	-1.993	-4.647	-5639.934
L9	A-8	DY MAX	Top	379.30	220.21	0.03	0.219	2.959	11210.364
			Bottom	379.30	220.21	0.03	0.219	0.358	16360.586

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	A-8	DY MIN							
			Top	-379.90	-290.21	-0.03	-0.219	-2.899	-11210.364
			Bottom	-379.90	-290.21	-0.03	-0.219	-0.358	-16360.588
L9	A-9	DEAD							
			Top	-190.78	-9.24	0.00	0.008	-0.003	397.116
			Bottom	-210.97	-9.24	0.00	0.008	-0.004	-480.816
L9	A-9	TORX							
			Top	-46.38	-25.66	0.00	0.192	-0.090	703.993
			Bottom	-46.38	-25.66	0.00	0.192	0.092	-1733.749
L9	A-9	TORY							
			Top	-56.67	-30.79	0.00	0.233	-0.108	840.572
			Bottom	-56.67	-30.79	0.00	0.233	0.111	-2084.865
L9	A-9	DX MAX							
			Top	654.17	249.04	0.50	7.593	44.896	7650.667
			Bottom	654.17	249.04	0.50	7.593	4.118	16091.042
L9	A-9	DX MIN							
			Top	-654.17	-249.04	-0.50	-7.593	-44.896	-7650.667
			Bottom	-654.17	-249.04	-0.50	-7.593	-4.118	-16091.042
L9	A-9	DY MAX							
			Top	749.77	555.83	0.04	0.737	3.527	15732.961
			Bottom	749.77	555.83	0.04	0.737	0.480	38214.413
L9	A-9	DY MIN							
			Top	-749.77	-555.83	-0.04	-0.737	-3.527	-15732.961
			Bottom	-749.77	-555.83	-0.04	-0.737	-0.480	-38214.413
L9	A-10	DEAD							
			Top	-154.99	-1.97	0.00	0.022	-0.294	-84.372
			Bottom	-170.71	-1.97	0.00	0.022	-0.146	-271.044
L9	A-10	TORX							
			Top	-6.61	-15.16	0.00	0.140	-0.055	538.651
			Bottom	-6.61	-15.16	0.00	0.140	0.146	-901.467
L9	A-10	TORY							
			Top	-8.00	-18.02	0.00	0.169	-0.065	636.372
			Bottom	-8.00	-18.02	0.00	0.169	0.176	-1075.899
L9	A-10	DX MAX							
			Top	604.85	214.86	0.13	3.815	10.455	8663.977
			Bottom	604.85	214.86	0.13	3.815	3.492	11880.135
L9	A-10	DX MIN							
			Top	-604.85	-214.86	-0.13	-3.815	-10.455	-8663.977
			Bottom	-604.85	-214.86	-0.13	-3.815	-3.492	-11880.135
L9	A-10	DY MAX							
			Top	330.92	329.44	0.02	0.692	2.467	12921.239
			Bottom	330.92	329.44	0.02	0.692	0.836	18875.787
L9	A-10	DY MIN							
			Top	-330.92	-329.44	-0.02	-0.692	-2.467	-12921.239
			Bottom	-330.92	-329.44	-0.02	-0.692	-0.836	-18875.787
L9	P-6	DEAD							
			Top	-60.21	-3.14	0.00	0.001	0.000	173.511
			Bottom	-69.71	-3.14	0.00	0.001	-0.003	-125.335
L9	P-6	TORX							
			Top	18.71	4.83	0.00	0.100	-0.013	-191.786
			Bottom	18.71	4.83	0.00	0.100	-0.002	266.672
L9	P-6	TORY							
			Top	23.73	5.82	0.00	0.121	-0.015	-230.825
			Bottom	23.73	5.82	0.00	0.121	-0.002	321.794
L9	P-6	DX MAX							
			Top	110.17	22.32	0.48	2.145	41.776	886.471
			Bottom	110.17	22.32	0.48	2.145	4.176	1235.343
L9	P-6	DX MIN							
			Top	-110.17	-22.32	-0.48	-2.145	-41.776	-886.471
			Bottom	-110.17	-22.32	-0.48	-2.145	-4.176	-1235.343
L9	P-6	DY MAX							
			Top	484.32	112.31	0.05	0.434	4.065	4231.187
			Bottom	484.32	112.31	0.05	0.434	0.306	6498.104
L9	P-6	DY MIN							
			Top	-484.32	-112.31	-0.05	-0.434	-4.065	-4231.187
			Bottom	-484.32	-112.31	-0.05	-0.434	-0.306	-6498.104

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	P-7	DEAD							
			Top	-65.89	-5.74	0.00	0.001	0.000	239.323
			Bottom	-75.24	-5.74	0.00	0.001	-0.004	-308.434
L9	P-7	TORX							
			Top	20.48	13.32	0.00	0.086	-0.028	-493.589
			Bottom	20.48	13.32	0.00	0.086	0.028	677.105
L9	P-7	TORY							
			Top	24.90	14.89	0.00	0.105	-0.034	-596.216
			Bottom	24.90	14.89	0.00	0.105	0.034	818.533
L9	P-7	DX MAX							
			Top	148.65	68.42	0.41	3.895	34.256	2786.204
			Bottom	148.65	68.42	0.41	3.895	4.932	3715.939
L9	P-7	DX MIN							
			Top	-148.65	-68.42	-0.41	-3.895	-34.256	-2786.204
			Bottom	-148.65	-68.42	-0.41	-3.895	-4.932	-3715.939
L9	P-7	DY MAX							
			Top	453.56	279.95	0.06	0.293	4.711	10991.703
			Bottom	453.56	279.95	0.06	0.293	0.532	15608.844
L9	P-7	DY MIN							
			Top	-453.56	-279.95	-0.06	-0.293	-4.711	-10991.703
			Bottom	-453.56	-279.95	-0.06	-0.293	-0.532	-15608.844
L9	P-8	DEAD							
			Top	-69.85	-5.25	0.00	0.001	0.000	223.695
			Bottom	-78.60	-5.25	0.00	0.001	-0.004	-274.761
L9	P-8	TORX							
			Top	19.81	15.10	0.00	0.081	-0.030	-591.133
			Bottom	19.81	15.10	0.00	0.081	0.036	843.716
L9	P-8	TORY							
			Top	24.18	18.25	0.00	0.099	-0.036	-714.017
			Bottom	24.18	18.25	0.00	0.099	0.043	1019.841
L9	P-8	DX MAX							
			Top	190.81	97.29	0.38	1.994	31.878	3870.977
			Bottom	190.81	97.29	0.38	1.994	4.639	5373.737
L9	P-8	DX MIN							
			Top	-190.81	-97.29	-0.38	-1.994	-31.878	-3870.977
			Bottom	-190.81	-97.29	-0.38	-1.994	-4.639	-5373.737
L9	P-8	DY MAX							
			Top	424.97	332.78	0.04	0.324	3.499	12900.140
			Bottom	424.97	332.78	0.04	0.324	0.453	18714.583
L9	P-8	DY MIN							
			Top	-424.97	-332.78	-0.04	-0.324	-3.499	-12900.140
			Bottom	-424.97	-332.78	-0.04	-0.324	-0.453	-18714.583
L9	P-9	DEAD							
			Top	-188.86	-5.47	0.00	-0.002	0.000	280.232
			Bottom	-209.05	-5.47	0.00	-0.002	-0.016	-239.314
L9	P-9	TORX							
			Top	46.97	29.77	0.00	0.192	-0.090	-896.948
			Bottom	46.97	29.77	0.00	0.192	0.092	1930.975
L9	P-9	TORY							
			Top	57.40	35.78	0.00	0.233	-0.109	-1074.314
			Bottom	57.40	35.78	0.00	0.233	0.111	2324.325
L9	P-9	DX MAX							
			Top	658.63	335.85	0.51	7.586	44.930	6728.227
			Bottom	658.63	335.85	0.51	7.586	4.115	15754.447
L9	P-9	DX MIN							
			Top	-658.63	-335.85	-0.51	-7.586	-44.930	-6728.227
			Bottom	-658.63	-335.85	-0.51	-7.586	-4.115	-15754.447
L9	P-9	DY MAX							
			Top	868.10	657.99	0.08	1.732	7.105	19392.691
			Bottom	868.10	657.99	0.08	1.732	0.739	44110.135
L9	P-9	DY MIN							
			Top	-868.10	-657.99	-0.08	-1.732	-7.105	-19392.691
			Bottom	-868.10	-657.99	-0.08	-1.732	-0.739	-44110.135
L9	P-10	DEAD							
			Top	-155.11	0.98	0.00	-0.014	0.398	-208.751
			Bottom	-170.84	0.98	0.00	-0.014	0.137	-115.615

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L9	P-10	TORX							
			Top	6.92	18.03	0.00	0.145	-0.057	-694.683
			Bottom	6.92	18.03	0.00	0.145	0.153	1027.942
L9	P-10	TORY							
			Top	8.37	21.50	0.00	0.176	-0.067	-813.425
			Bottom	8.37	21.50	0.00	0.176	0.185	1229.469
L9	P-10	DX MAX							
			Top	596.71	208.99	0.13	3.816	10.540	8340.301
			Bottom	596.71	208.99	0.13	3.816	3.517	11669.894
L9	P-10	DX MIN							
			Top	-596.71	-208.99	-0.13	-3.816	-10.540	-8340.301
			Bottom	-596.71	-208.99	-0.13	-3.816	-3.517	-11669.894
L9	P-10	DY MAX							
			Top	311.36	408.23	0.05	1.633	3.926	16305.257
			Bottom	311.36	408.23	0.05	1.633	1.155	22898.910
L9	P-10	DY MIN							
			Top	-311.36	-408.23	-0.05	-1.633	-3.926	-16305.257
			Bottom	-311.36	-408.23	-0.05	-1.633	-1.155	-22898.910
L9	12.11	DEAD							
			Top	-158.70	-0.52	0.00	-0.008	0.283	-160.638
			Bottom	-174.43	-0.52	0.00	-0.008	0.151	-210.214
L9	12.11	TORX							
			Top	9.85	15.68	0.00	0.146	-0.105	-569.021
			Bottom	9.85	15.68	0.00	0.146	0.169	920.965
L9	12.11	TORY							
			Top	11.97	18.69	0.00	0.176	-0.126	-674.339
			Bottom	11.97	18.69	0.00	0.176	0.204	1101.350
L9	12.11	DX MAX							
			Top	321.34	348.37	0.03	0.903	2.434	13986.058
			Bottom	321.34	348.37	0.03	0.903	0.961	19479.462
L9	12.11	DX MIN							
			Top	-321.34	-348.37	-0.03	-0.903	-2.434	-13986.058
			Bottom	-321.34	-348.37	-0.03	-0.903	-0.961	-19479.462
L9	12.11	DY MAX							
			Top	602.83	251.15	0.16	4.389	13.090	10236.575
			Bottom	602.83	251.15	0.16	4.389	4.374	13755.829
L9	12.11	DY MIN							
			Top	-602.83	-251.15	-0.16	-4.389	-13.090	-10236.575
			Bottom	-602.83	-251.15	-0.16	-4.389	-4.374	-13755.829
L8	1.1	DEAD							
			Top	-196.56	-3.83	0.00	-0.040	-0.351	426.362
			Bottom	-214.39	-3.83	0.00	-0.040	-0.132	20.404
L8	1.1	TORX							
			Top	2.50	-14.72	0.00	0.152	-0.057	791.901
			Bottom	2.50	-14.72	0.00	0.152	0.093	-768.796
L8	1.1	TORY							
			Top	3.01	-17.60	0.00	0.184	-0.069	947.412
			Bottom	3.01	-17.60	0.00	0.184	0.115	-918.505
L8	1.1	DX MAX							
			Top	444.78	356.39	0.01	0.433	0.592	21100.914
			Bottom	444.78	356.39	0.01	0.433	0.573	17273.937
L8	1.1	DX MIN							
			Top	-444.78	-356.39	-0.01	-0.433	-0.592	-21100.914
			Bottom	-444.78	-356.39	-0.01	-0.433	-0.573	-17273.937
L8	1.1	DY MAX							
			Top	569.63	243.85	0.05	1.218	3.074	13301.313
			Bottom	569.63	243.85	0.05	1.218	3.559	12553.548
L8	1.1	DY MIN							
			Top	-569.63	-243.85	-0.05	-1.218	-3.074	-13301.313
			Bottom	-569.63	-243.85	-0.05	-1.218	-3.559	-12553.548
L8	1.2	DEAD							
			Top	-249.62	7.09	0.00	0.017	0.034	-511.219
			Bottom	-272.98	7.09	0.00	0.017	-0.033	339.856
L8	1.2	TORX							
			Top	43.70	-26.28	0.00	0.162	-0.095	1777.175
			Bottom	43.70	-26.28	0.00	0.162	0.102	-1208.866

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	1.2	TORY							
			Top	53.15	-31.65	0.00	0.197	-0.119	1900.840
			Bottom	53.15	-31.65	0.00	0.197	0.124	-1454.398
L8	1.2	DX MAX							
			Top	553.59	605.42	0.01	0.276	1.241	36937.642
			Bottom	553.59	605.42	0.01	0.276	0.439	28411.801
L8	1.2	DX MIN							
			Top	-553.59	-605.42	-0.01	-0.276	-1.241	-36937.642
			Bottom	-553.59	-605.42	-0.01	-0.276	-0.439	-28411.801
L8	1.2	DY MAX							
			Top	722.22	292.17	0.12	1.762	10.465	18873.264
			Bottom	722.22	292.17	0.12	1.762	4.246	12178.807
L8	1.2	DY MIN							
			Top	-722.22	-292.17	-0.12	-1.762	-10.465	-18873.264
			Bottom	-722.22	-292.17	-0.12	-1.762	-4.246	-12178.807
L8	1.3	DEAD							
			Top	-106.23	6.41	0.00	0.001	0.015	-382.148
			Bottom	-116.17	6.41	0.00	0.001	-0.009	297.542
L8	1.3	TORX							
			Top	23.93	-14.78	0.00	0.076	-0.045	833.744
			Bottom	23.93	-14.78	0.00	0.076	0.048	-733.317
L8	1.3	TORY							
			Top	29.09	-17.90	0.00	0.092	-0.054	1009.261
			Bottom	29.09	-17.90	0.00	0.092	0.059	-887.735
L8	1.3	DX MAX							
			Top	464.14	353.55	0.01	0.136	0.787	19634.663
			Bottom	464.14	353.55	0.01	0.136	0.269	17844.669
L8	1.3	DX MIN							
			Top	-464.14	-353.55	-0.01	-0.136	-0.787	-19634.663
			Bottom	-464.14	-353.55	-0.01	-0.136	-0.269	-17844.669
L8	1.3	DY MAX							
			Top	254.92	108.33	0.09	0.762	7.801	6259.335
			Bottom	254.92	108.33	0.09	0.762	2.398	5228.860
L8	1.3	DY MIN							
			Top	-254.92	-108.33	-0.09	-0.762	-7.801	-6259.335
			Bottom	-254.92	-108.33	-0.09	-0.762	-2.398	-5228.860
L8	1.4	DEAD							
			Top	-105.03	7.15	0.00	0.002	0.015	-414.745
			Bottom	-115.30	7.15	0.00	0.002	-0.008	342.987
L8	1.4	TORX							
			Top	26.10	-10.94	0.00	0.079	-0.043	615.914
			Bottom	26.10	-10.94	0.00	0.079	0.046	-543.371
L8	1.4	TORY							
			Top	31.72	-13.24	0.00	0.096	-0.051	745.796
			Bottom	31.72	-13.24	0.00	0.096	0.057	-657.719
L8	1.4	DX MAX							
			Top	590.36	271.98	0.01	0.122	1.002	15077.458
			Bottom	590.36	271.98	0.01	0.122	0.320	13752.382
L8	1.4	DX MIN							
			Top	-590.36	-271.98	-0.01	-0.122	-1.002	-15077.458
			Bottom	-590.36	-271.98	-0.01	-0.122	-0.320	-13752.382
L8	1.4	DY MAX							
			Top	205.23	70.85	0.10	1.171	9.424	4109.881
			Bottom	205.23	70.85	0.10	1.171	2.223	3403.996
L8	1.4	DY MIN							
			Top	-205.23	-70.85	-0.10	-1.171	-9.424	-4109.881
			Bottom	-205.23	-70.85	-0.10	-1.171	-2.223	-3403.996
L8	1.5	DEAD							
			Top	-101.17	5.55	0.00	0.003	0.013	-429.368
			Bottom	-111.77	5.55	0.00	0.003	-0.006	158.695
L8	1.5	TORX							
			Top	27.16	-4.38	0.00	0.086	-0.054	275.670
			Bottom	27.16	-4.38	0.00	0.086	0.057	-170.342
L8	1.5	TORY							
			Top	32.92	-5.10	0.00	0.104	-0.065	333.732
			Bottom	32.92	-5.10	0.00	0.104	0.070	-215.167

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	1.5	DX MAX							
			Top	703.47	109.86	0.01	0.105	0.981	6870.306
			Bottom	703.47	109.86	0.01	0.105	0.285	4787.347
L8	1.5	DX MIN							
			Top	-703.47	-109.86	-0.01	-0.105	-0.981	-6870.306
			Bottom	-703.47	-109.86	-0.01	-0.105	-0.285	-4787.347
L8	1.5	DY MAX							
			Top	170.68	27.01	0.11	0.817	9.804	1809.591
			Bottom	170.68	27.01	0.11	0.817	1.932	1058.818
L8	1.5	DY MIN							
			Top	-170.68	-27.01	-0.11	-0.817	-9.804	-1809.591
			Bottom	-170.68	-27.01	-0.11	-0.817	-1.932	-1058.818
L8	1.11	DEAD							
			Top	-195.53	-1.72	0.00	0.052	-0.377	-117.615
			Bottom	-213.09	-1.72	0.00	0.052	-0.103	-299.938
L8	1.11	TORX							
			Top	-4.31	-17.28	0.00	0.155	0.026	932.376
			Bottom	-4.31	-17.28	0.00	0.155	-0.043	-899.315
L8	1.11	TORY							
			Top	-5.21	-20.71	0.00	0.188	0.032	1118.178
			Bottom	-5.21	-20.71	0.00	0.188	-0.054	-1077.256
L8	1.11	DX MAX							
			Top	438.52	338.32	0.01	0.475	0.529	20126.744
			Bottom	438.52	338.32	0.01	0.475	0.387	16320.404
L8	1.11	DX MIN							
			Top	-438.52	-338.32	-0.01	-0.475	-0.529	-20126.744
			Bottom	-438.52	-338.32	-0.01	-0.475	-0.387	-16320.404
L8	1.11	DY MAX							
			Top	567.64	347.78	0.04	1.678	3.239	19083.913
			Bottom	567.64	347.78	0.04	1.678	3.452	17783.027
L8	1.11	DY MIN							
			Top	-567.64	-347.78	-0.04	-1.678	-3.239	-19083.913
			Bottom	-567.64	-347.78	-0.04	-1.678	-3.452	-17783.027
L8	12.1	DEAD							
			Top	-195.61	0.18	0.00	0.042	0.398	317.797
			Bottom	-213.33	0.18	0.00	0.042	0.088	236.634
L8	12.1	TORX							
			Top	-2.00	15.02	0.00	0.151	-0.059	-804.587
			Bottom	-2.00	15.02	0.00	0.151	0.093	787.414
L8	12.1	TORY							
			Top	-2.40	17.96	0.00	0.183	-0.072	-962.871
			Bottom	-2.40	17.96	0.00	0.183	0.116	941.199
L8	12.1	DX MAX							
			Top	426.90	369.24	0.01	0.616	0.727	21625.743
			Bottom	426.90	369.24	0.01	0.616	0.326	18153.757
L8	12.1	DX MIN							
			Top	-426.90	-369.24	-0.01	-0.616	-0.727	-21625.743
			Bottom	-426.90	-369.24	-0.01	-0.616	-0.326	-18153.757
L8	12.1	DY MAX							
			Top	560.91	236.45	0.05	1.214	3.181	12922.370
			Bottom	560.91	236.45	0.05	1.214	3.600	12148.419
L8	12.1	DY MIN							
			Top	-560.91	-236.45	-0.05	-1.214	-3.181	-12922.370
			Bottom	-560.91	-236.45	-0.05	-1.214	-3.600	-12148.419
L8	12.2	DEAD							
			Top	-251.31	9.82	0.00	-0.008	0.026	-656.862
			Bottom	-273.67	9.82	0.00	-0.008	-0.013	384.121
L8	12.2	TORX							
			Top	-44.11	26.77	0.00	0.163	-0.099	-1599.276
			Bottom	-44.11	26.77	0.00	0.163	0.098	1238.758
L8	12.2	TORY							
			Top	-53.66	32.25	0.00	0.197	-0.119	-1927.767
			Bottom	-53.66	32.25	0.00	0.197	0.121	1490.724
L8	12.2	DX MAX							
			Top	617.50	626.76	0.01	0.389	1.105	37913.220
			Bottom	617.50	626.76	0.01	0.389	0.365	29715.449

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	12.2	DX MIN							
			Top	-617.50	-626.76	-0.01	-0.389	-1.105	-37913.220
			Bottom	-617.50	-626.76	-0.01	-0.389	-0.365	-29715.449
L8	12.2	DY MAX							
			Top	708.60	281.78	0.12	1.763	10.467	18288.417
			Bottom	708.60	281.78	0.12	1.763	4.249	11669.730
L8	12.2	DY MIN							
			Top	-708.60	-281.78	-0.12	-1.763	-10.467	-18288.417
			Bottom	-708.60	-281.78	-0.12	-1.763	-4.249	-11669.730
L8	12.3	DEAD							
			Top	-106.85	6.93	0.00	0.002	0.015	-411.672
			Bottom	-116.78	6.93	0.00	0.002	-0.011	322.433
L8	12.3	TORX							
			Top	-24.34	15.06	0.00	0.076	-0.045	-849.057
			Bottom	-24.34	15.06	0.00	0.076	0.047	746.934
L8	12.3	TORY							
			Top	-29.58	18.23	0.00	0.092	-0.054	-1027.903
			Bottom	-29.58	18.23	0.00	0.093	0.057	904.310
L8	12.3	DX MAX							
			Top	493.98	361.67	0.01	0.131	0.795	20126.348
			Bottom	493.98	361.67	0.01	0.131	0.280	18214.218
L8	12.3	DX MIN							
			Top	-493.98	-361.67	-0.01	-0.131	-0.795	-20126.348
			Bottom	-493.98	-361.67	-0.01	-0.131	-0.280	-18214.218
L8	12.3	DY MAX							
			Top	249.25	105.32	0.09	0.760	7.801	6085.886
			Bottom	249.25	105.32	0.09	0.760	2.404	5083.538
L8	12.3	DY MIN							
			Top	-249.25	-105.32	-0.09	-0.760	-7.801	-6085.886
			Bottom	-249.25	-105.32	-0.09	-0.760	-2.404	-5083.538
L8	12.4	DEAD							
			Top	-105.28	7.56	0.00	0.002	0.015	-437.487
			Bottom	-115.55	7.56	0.00	0.002	-0.010	363.483
L8	12.4	TORX							
			Top	-26.61	11.16	0.00	0.079	-0.043	-627.895
			Bottom	-26.61	11.16	0.00	0.079	0.044	554.613
L8	12.4	TORY							
			Top	-32.34	13.51	0.00	0.096	-0.051	-760.389
			Bottom	-32.34	13.51	0.00	0.096	0.054	671.410
L8	12.4	DX MAX							
			Top	614.30	277.36	0.01	0.114	1.005	15387.513
			Bottom	614.30	277.36	0.01	0.114	0.331	14013.246
L8	12.4	DX MIN							
			Top	-614.30	-277.36	-0.01	-0.114	-1.005	-15387.513
			Bottom	-614.30	-277.38	-0.01	-0.114	-0.331	-14013.246
L8	12.4	DY MAX							
			Top	200.68	68.88	0.10	1.171	9.424	3999.120
			Bottom	200.68	68.88	0.10	1.171	2.231	3306.054
L8	12.4	DY MIN							
			Top	-200.68	-68.88	-0.10	-1.171	-9.424	-3999.120
			Bottom	-200.68	-68.88	-0.10	-1.171	-2.231	-3306.054
L8	12.5	DEAD							
			Top	-101.65	5.82	0.00	0.003	0.013	-443.272
			Bottom	-112.25	5.82	0.00	0.003	-0.008	173.856
L8	12.5	TORX							
			Top	-27.86	4.38	0.00	0.086	-0.054	-281.401
			Bottom	-27.86	4.38	0.00	0.086	0.056	183.239
L8	12.5	TORY							
			Top	-33.77	5.30	0.00	0.104	-0.066	-340.774
			Bottom	-33.77	5.30	0.00	0.104	0.068	221.153
L8	12.5	DX MAX							
			Top	732.11	112.13	0.01	0.100	0.963	6995.719
			Bottom	732.11	112.13	0.01	0.100	0.301	4902.134
L8	12.5	DX MIN							
			Top	-732.11	-112.13	-0.01	-0.100	-0.963	-6995.719
			Bottom	-732.11	-112.13	-0.01	-0.100	-0.301	-4902.134

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	12.5	DY MAX							
			Top	165.83	26.04	0.11	0.816	9.805	1754.063
			Bottom	165.83	26.04	0.11	0.816	1.948	1011.242
L8	12.5	DY MIN							
			Top	-165.83	-26.04	-0.11	-0.816	-9.805	-1754.063
			Bottom	-165.83	-26.04	-0.11	-0.816	-1.948	-1011.242
L8	A-1	DEAD							
			Top	-195.32	-4.33	0.00	-0.035	-0.376	450.448
			Bottom	-212.95	-4.33	0.00	-0.035	-0.132	-8.880
L8	A-1	TORX							
			Top	-2.15	-13.64	0.00	0.148	-0.037	733.186
			Bottom	-2.15	-13.64	0.00	0.148	0.052	-712.728
L8	A-1	TORY							
			Top	-2.63	-16.27	0.00	0.179	-0.045	875.114
			Bottom	-2.63	-16.27	0.00	0.179	0.065	-849.249
L8	A-1	DX MAX							
			Top	526.31	393.38	0.04	1.226	2.824	16040.610
			Bottom	526.31	393.38	0.04	1.226	3.614	15059.138
L8	A-1	DX MIN							
			Top	-526.31	-393.38	-0.04	-1.226	-2.824	-16040.610
			Bottom	-526.31	-393.38	-0.04	-1.226	-3.614	-15059.138
L8	A-1	DY MAX							
			Top	443.26	316.72	0.01	0.542	0.629	19051.866
			Bottom	443.26	316.72	0.01	0.542	0.397	15305.507
L8	A-1	DY MIN							
			Top	-443.26	-316.72	-0.01	-0.542	-0.629	-19051.866
			Bottom	-443.26	-316.72	-0.01	-0.542	-0.397	-15305.507
L8	A-2	DEAD							
			Top	-343.30	7.86	0.00	0.016	0.003	-585.368
			Bottom	-364.66	7.86	0.00	0.016	-0.026	247.582
L8	A-2	TORX							
			Top	43.90	-25.51	0.00	0.163	-0.074	1524.132
			Bottom	43.90	-25.51	0.00	0.163	0.045	-1180.070
L8	A-2	TORY							
			Top	53.40	-30.68	0.00	0.198	-0.089	1834.793
			Bottom	53.40	-30.68	0.00	0.198	0.056	-1417.315
L8	A-2	DX MAX							
			Top	789.78	363.18	0.11	1.797	8.986	33040.575
			Bottom	789.78	363.18	0.11	1.797	3.953	15487.832
L8	A-2	DX MIN							
			Top	-789.78	-363.18	-0.11	-1.797	-8.986	-33040.575
			Bottom	-789.78	-363.18	-0.11	-1.797	-3.953	-15487.832
L8	A-2	DY MAX							
			Top	559.66	557.90	0.01	0.409	0.903	33880.748
			Bottom	559.66	557.90	0.01	0.409	0.334	26806.192
L8	A-2	DY MIN							
			Top	-559.66	-557.90	-0.01	-0.409	-0.903	-33880.748
			Bottom	-559.66	-557.90	-0.01	-0.409	-0.334	-26806.192
L8	A-3	DEAD							
			Top	-102.52	10.04	0.00	0.001	-0.001	-581.857
			Bottom	-112.46	10.04	0.00	0.001	-0.005	481.956
L8	A-3	TORX							
			Top	28.44	-16.21	0.00	0.076	-0.032	896.853
			Bottom	28.44	-16.21	0.00	0.076	0.020	-831.735
L8	A-3	TORY							
			Top	34.57	-19.63	0.00	0.092	-0.039	1085.568
			Bottom	34.57	-19.63	0.00	0.092	0.025	-994.865
L8	A-3	DX MAX							
			Top	324.04	147.08	0.08	0.861	6.910	8333.785
			Bottom	324.04	147.08	0.08	0.861	2.095	7259.537
L8	A-3	DX MIN							
			Top	-324.04	-147.08	-0.08	-0.861	-6.910	-8333.785
			Bottom	-324.04	-147.08	-0.08	-0.861	-2.095	-7259.537
L8	A-3	DY MAX							
			Top	531.36	340.12	0.01	0.193	0.618	19619.765
			Bottom	531.36	340.12	0.01	0.193	0.434	17434.115

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	A-3	DY MIN							
			Top	-531.36	-340.12	-0.01	-0.193	-0.618	-19619.765
			Bottom	-531.36	-340.12	-0.01	-0.193	-0.234	-17434.115
L8	A-4	DEAD							
			Top	-96.72	19.12	0.00	0.002	-0.001	-1130.176
			Bottom	-106.99	19.12	0.00	0.002	-0.004	896.064
L8	A-4	TORX							
			Top	34.78	-15.86	0.00	0.078	-0.039	894.653
			Bottom	34.78	-15.86	0.00	0.078	0.017	-786.971
L8	A-4	TORY							
			Top	42.26	-19.22	0.00	0.095	-0.034	1084.291
			Bottom	42.26	-19.22	0.00	0.095	0.021	-953.371
L8	A-4	DX MAX							
			Top	303.09	128.27	0.08	0.496	7.464	7389.598
			Bottom	303.09	128.27	0.09	0.496	1.954	6228.271
L8	A-4	DX MIN							
			Top	-303.09	-128.27	-0.08	-0.496	-7.464	-7389.598
			Bottom	-303.09	-128.27	-0.09	-0.496	-1.954	-6228.271
L8	A-4	DY MAX							
			Top	712.50	344.86	0.01	0.180	0.612	19230.726
			Bottom	712.50	344.86	0.01	0.180	0.321	17324.735
L8	A-4	DY MIN							
			Top	-712.50	-344.86	-0.01	-0.180	-0.612	-19230.726
			Bottom	-712.50	-344.86	-0.01	-0.180	-0.321	-17324.735
L8	A-5	DEAD							
			Top	-51.92	19.36	0.00	0.002	-0.002	-1351.708
			Bottom	-62.52	19.36	0.00	0.002	-0.003	700.796
L8	A-5	TORX							
			Top	19.94	-10.64	0.00	0.088	-0.043	713.949
			Bottom	19.94	-10.64	0.00	0.088	0.031	-413.421
L8	A-5	TORY							
			Top	24.16	-12.88	0.00	0.107	-0.052	865.357
			Bottom	24.16	-12.88	0.00	0.107	0.037	-500.236
L8	A-5	DX MAX							
			Top	152.58	82.94	0.04	0.854	3.971	5571.770
			Bottom	152.58	82.94	0.04	0.854	1.431	3220.532
L8	A-5	DX MIN							
			Top	-152.58	-82.94	-0.04	-0.854	-3.971	-5571.770
			Bottom	-152.58	-82.94	-0.04	-0.854	-1.431	-3220.532
L8	A-5	DY MAX							
			Top	454.57	243.17	0.00	0.194	0.351	15996.906
			Bottom	454.57	243.17	0.00	0.194	0.122	9780.282
L8	A-5	DY MIN							
			Top	-454.57	-243.17	0.00	-0.194	-0.351	-15996.906
			Bottom	-454.57	-243.17	0.00	-0.194	-0.122	-9780.282
L8	P-1	DEAD							
			Top	-204.78	-3.35	0.00	0.043	0.398	437.811
			Bottom	-222.50	-3.35	0.00	0.043	0.113	83.674
L8	P-1	TORX							
			Top	-0.03	16.89	0.00	0.158	-0.023	-883.389
			Bottom	-0.03	16.89	0.00	0.158	0.044	906.791
L8	P-1	TORY							
			Top	-0.03	20.20	0.00	0.190	-0.029	-1056.741
			Bottom	-0.03	20.20	0.00	0.190	0.056	1084.023
L8	P-1	DX MAX							
			Top	547.65	302.77	0.04	1.462	2.871	18359.358
			Bottom	547.65	302.77	0.04	1.462	3.563	15737.648
L8	P-1	DX MIN							
			Top	-547.65	-302.77	-0.04	-1.462	-2.871	-14358.358
			Bottom	-547.65	-302.77	-0.04	-1.462	-3.563	-15737.648
L8	P-1	DY MAX							
			Top	375.99	378.80	0.01	0.755	0.995	21819.087
			Bottom	375.99	378.80	0.01	0.755	0.564	19219.525
L8	P-1	DY MIN							
			Top	-375.99	-378.80	0.01	-0.755	-0.995	-21819.087
			Bottom	-375.99	-378.80	0.01	-0.755	-0.564	-19219.525

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	P-2	DEAD	Top	-264.02	6.03	0.00	-0.008	-0.005	-337.033
			Bottom	-286.38	6.03	0.00	-0.008	-0.006	311.935
L8	P-2	TORX	Top	-57.00	27.49	0.00	0.163	-0.071	-1448.800
			Bottom	-57.00	27.49	0.00	0.163	0.046	1465.608
L8	P-2	TORY	Top	-69.28	33.08	0.00	0.198	-0.087	-1743.510
			Bottom	-69.28	33.08	0.00	0.198	0.057	1763.003
L8	P-2	DX MAX	Top	884.25	357.54	0.14	2.717	11.493	21166.413
			Bottom	884.25	357.54	0.14	2.717	4.331	16767.603
L8	P-2	DX MIN	Top	-884.25	-357.54	-0.14	-2.717	-11.493	-21166.413
			Bottom	-884.25	-357.54	-0.14	-2.717	-4.331	-16767.603
L8	P-2	DY MAX	Top	909.04	579.03	0.02	0.608	1.349	32000.606
			Bottom	909.04	579.03	0.02	0.608	0.433	31698.355
L8	P-2	DY MIN	Top	-909.04	-579.03	-0.02	-0.608	-1.349	-32000.606
			Bottom	-909.04	-579.03	-0.02	-0.608	-0.433	-31698.355
L8	P-3	DEAD	Top	-86.36	3.22	0.00	0.001	-0.001	-192.910
			Bottom	-92.66	3.22	0.00	0.001	-0.005	148.281
L8	P-3	TORX	Top	-22.50	9.14	0.00	0.050	-0.024	-482.690
			Bottom	-22.50	9.14	0.00	0.050	0.026	380.636
L8	P-3	TORY	Top	-27.33	9.86	0.00	0.061	-0.028	-584.217
			Bottom	-27.33	9.86	0.00	0.061	0.031	460.853
L8	P-3	DX MAX	Top	253.42	70.63	0.07	0.574	5.764	4212.636
			Bottom	253.42	70.63	0.07	0.574	1.930	3275.689
L8	P-3	DX MIN	Top	-253.42	-70.63	-0.07	-0.574	-5.764	-4212.636
			Bottom	-253.42	-70.63	-0.07	-0.574	-1.930	-3275.689
L8	P-3	DY MAX	Top	450.52	170.86	0.01	0.127	0.555	10094.714
			Bottom	450.52	170.86	0.01	0.127	0.185	8019.234
L8	P-3	DY MIN	Top	-450.52	-170.86	-0.01	-0.127	-0.555	-10094.714
			Bottom	-450.52	-170.86	-0.01	-0.127	-0.185	-8019.234
L8	P-4	DEAD	Top	-82.90	1.41	0.00	0.001	-0.001	-105.008
			Bottom	-89.69	1.41	0.00	0.001	-0.004	44.347
L8	P-4	TORX	Top	-20.08	5.76	0.00	0.057	-0.019	-361.897
			Bottom	-20.08	5.76	0.00	0.057	-0.001	248.337
L8	P-4	TORY	Top	-24.42	6.96	0.00	0.070	-0.023	-437.983
			Bottom	-24.42	6.96	0.00	0.070	-0.001	300.278
L8	P-4	DX MAX	Top	171.45	44.22	0.09	0.957	7.489	2814.387
			Bottom	171.45	44.22	0.09	0.957	2.017	1873.125
L8	P-4	DX MIN	Top	-171.45	-44.22	-0.09	-0.957	-7.489	-2814.387
			Bottom	-171.45	-44.22	-0.09	-0.957	-2.017	-1873.125
L8	P-4	DY MAX	Top	413.42	126.49	0.01	0.152	0.771	7860.576
			Bottom	413.42	126.49	0.01	0.152	0.231	5548.076
L8	P-4	DY MIN	Top	-413.42	-126.49	-0.01	-0.152	-0.771	-7860.576
			Bottom	-413.42	-126.49	-0.01	-0.152	-0.231	-5548.076
L8	P-5	DEAD	Top	-97.98	3.39	0.00	0.002	-0.002	-297.407
			Bottom	-108.58	3.39	0.00	0.002	-0.005	51.748

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	P-5	TORX	Top	-24.13	4.42	0.00	0.088	-0.046	-248.527
			Bottom	-24.13	4.42	0.00	0.088	0.029	219.674
L8	P-5	TORY	Top	-29.26	5.34	0.00	0.107	-0.055	-300.840
			Bottom	-29.26	5.34	0.00	0.107	0.035	265.050
L8	P-5	DX MAX	Top	170.03	34.52	0.12	0.772	10.946	1982.334
			Bottom	170.03	34.52	0.12	0.772	2.503	1678.364
L8	P-5	DX MIN	Top	-170.03	-34.52	-0.12	-0.772	-10.946	-1982.334
			Bottom	-170.03	-34.52	-0.12	-0.772	-2.503	-1678.364
L8	P-5	DY MAX	Top	590.88	97.80	0.01	0.192	1.079	5304.521
			Bottom	590.88	97.80	0.01	0.192	0.278	5081.149
L8	P-5	DY MIN	Top	-590.88	-97.80	-0.01	-0.192	-1.079	-5304.521
			Bottom	-590.88	-97.80	-0.01	-0.192	-0.278	-5081.149
L8	1.6	DEAD	Top	-102.17	-5.98	0.00	0.001	0.013	453.905
			Bottom	-112.77	-5.98	0.00	0.001	0.002	-177.667
L8	1.6	TORX	Top	-27.81	-4.39	0.00	0.088	0.052	282.528
			Bottom	-27.81	-4.39	0.00	0.088	-0.033	-182.872
L8	1.6	TORY	Top	-33.72	-5.31	0.00	0.107	0.063	342.157
			Bottom	-33.72	-5.31	0.00	0.107	-0.038	-220.711
L8	1.6	DX MAX	Top	692.91	107.44	0.01	0.109	0.982	6711.760
			Bottom	692.91	107.44	0.01	0.109	0.278	4689.778
L8	1.6	DX MIN	Top	-692.91	-107.44	-0.01	-0.109	-0.982	-6711.760
			Bottom	-692.91	-107.44	-0.01	-0.109	-0.278	-4689.778
L8	1.6	DY MAX	Top	245.62	45.71	0.11	0.516	10.612	2934.342
			Bottom	245.62	45.71	0.11	0.516	2.088	1911.324
L8	1.6	DY MIN	Top	-245.62	-45.71	-0.11	-0.516	-10.612	-2934.342
			Bottom	-245.62	-45.71	-0.11	-0.516	-2.088	-1911.324
L8	1.7	DEAD	Top	-108.30	-8.24	0.00	0.002	0.013	479.127
			Bottom	-118.73	-8.24	0.00	0.002	0.003	-394.125
L8	1.7	TORX	Top	-27.32	-11.42	0.00	0.080	0.039	644.814
			Bottom	-27.32	-11.42	0.00	0.080	-0.009	-565.306
L8	1.7	TORY	Top	-33.20	-13.82	0.00	0.097	0.047	780.960
			Bottom	-33.20	-13.82	0.00	0.097	-0.012	-684.270
L8	1.7	DX MAX	Top	588.59	270.32	0.01	0.123	0.978	15014.068
			Bottom	588.59	270.32	0.01	0.123	0.312	13640.101
L8	1.7	DX MIN	Top	-588.59	-270.32	-0.01	-0.123	-0.978	-15014.068
			Bottom	-588.59	-270.32	-0.01	-0.123	-0.312	-13640.101
L8	1.7	DY MAX	Top	279.96	114.70	0.11	1.305	10.121	6595.434
			Bottom	279.96	114.70	0.11	1.305	2.254	5563.790
L8	1.7	DY MIN	Top	-279.96	-114.70	-0.11	-1.305	-10.121	-6595.434
			Bottom	-279.96	-114.70	-0.11	-1.305	-2.254	-5563.790
L8	1.8	DEAD	Top	-106.78	-7.85	0.00	0.002	0.012	462.394
			Bottom	-116.55	-7.85	0.00	0.002	0.004	-369.905
L8	1.8	TORX	Top	-24.47	-15.10	0.00	0.074	0.041	850.080
			Bottom	-24.47	-15.10	0.00	0.074	-0.012	-730.137

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	1.8	TORY	Top	-29.74	-18.28	0.00	0.090	0.049	1039.307
			Bottom	-29.74	-18.28	0.00	0.090	-0.016	-908.356
L8	1.8	DX MAX	Top	449.14	341.45	0.01	0.130	0.744	18935.907
			Bottom	449.14	341.45	0.01	0.130	0.259	17261.648
L8	1.8	DX MIN	Top	-449.14	-341.45	-0.01	-0.130	-0.744	-18935.907
			Bottom	-449.14	-341.45	-0.01	-0.130	-0.259	-17261.648
L8	1.8	DY MAX	Top	315.72	161.82	0.09	0.953	9.145	9258.534
			Bottom	315.72	161.82	0.09	0.953	2.348	7897.285
L8	1.8	DY MIN	Top	-315.72	-161.82	-0.09	-0.953	-9.145	-9258.534
			Bottom	-315.72	-161.82	-0.09	-0.953	-2.348	-7897.285
L8	1.9	DEAD	Top	-257.24	-12.99	0.00	-0.008	0.027	871.683
			Bottom	-279.77	-12.99	0.00	-0.008	-0.002	-505.197
L8	1.9	TORX	Top	-46.58	-28.06	0.00	0.164	0.093	1694.092
			Bottom	-46.58	-28.06	0.00	0.164	-0.027	-1280.287
L8	1.9	TORY	Top	-56.66	-33.82	0.00	0.199	0.112	2043.209
			Bottom	-56.66	-33.82	0.00	0.199	-0.036	-1541.323
L8	1.9	DX MAX	Top	546.21	589.16	0.01	0.278	1.112	36000.925
			Bottom	546.21	589.16	0.01	0.278	0.419	27623.592
L8	1.9	DX MIN	Top	-546.21	-589.16	-0.01	-0.278	-1.112	-36000.925
			Bottom	-546.21	-589.16	-0.01	-0.278	-0.419	-27623.592
L8	1.9	DY MAX	Top	843.48	428.71	0.13	2.304	11.569	27192.618
			Bottom	843.48	428.71	0.13	2.304	4.292	18273.510
L8	1.9	DY MIN	Top	-843.48	-428.71	-0.13	-2.304	-11.569	-27192.618
			Bottom	-843.48	-428.71	-0.13	-2.304	-4.292	-18273.510
L8	12.6	DEAD	Top	-86.95	-4.73	0.00	0.001	0.012	381.168
			Bottom	-107.55	-4.73	0.00	0.001	0.000	-120.607
L8	12.6	TORX	Top	28.17	4.44	0.00	0.088	0.052	-284.751
			Bottom	28.17	4.44	0.00	0.088	-0.021	186.197
L8	12.6	TORY	Top	34.16	5.37	0.00	0.107	0.063	-344.895
			Bottom	34.16	5.37	0.00	0.107	-0.026	224.785
L8	12.6	DX MAX	Top	735.56	110.75	0.01	0.110	0.953	6900.389
			Bottom	735.56	110.75	0.01	0.110	0.265	4851.914
L8	12.6	DX MIN	Top	-735.56	-110.75	-0.01	-0.110	-0.953	-6900.389
			Bottom	-735.56	-110.75	-0.01	-0.110	-0.265	-4851.914
L8	12.6	DY MAX	Top	237.74	42.44	0.11	0.517	10.615	2708.919
			Bottom	237.74	42.44	0.11	0.517	2.111	1790.442
L8	12.6	DY MIN	Top	-237.74	-42.44	-0.11	-0.517	-10.615	-2708.919
			Bottom	-237.74	-42.44	-0.11	-0.517	-2.111	-1790.442
L8	12.7	DEAD	Top	-103.82	-5.41	0.00	0.002	0.013	333.130
			Bottom	-114.26	-5.41	0.00	0.002	0.001	-250.658
L8	12.7	TORX	Top	27.27	11.51	0.00	0.080	0.039	-648.793
			Bottom	27.27	11.51	0.00	0.080	-0.009	571.145
L8	12.7	TORY	Top	33.14	13.94	0.00	0.097	0.047	-785.869
			Bottom	33.14	13.94	0.00	0.097	-0.010	691.463

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	12.7	DX MAX	Top	615.51	278.61	0.01	0.114	0.985	15478.201
			Bottom	615.51	278.61	0.01	0.114	0.317	14054.345
L8	12.7	DX MIN	Top	-615.51	-278.61	-0.01	-0.114	-0.985	-15478.201
			Bottom	-615.51	-278.61	-0.01	-0.114	-0.317	-14054.345
L8	12.7	DY MAX	Top	255.84	105.68	0.11	1.306	10.121	6067.076
			Bottom	255.84	105.68	0.11	1.306	2.272	5136.285
L8	12.7	DY MIN	Top	-255.84	-105.68	-0.11	-1.306	-10.121	-6067.076
			Bottom	-255.84	-105.68	-0.11	-1.306	-2.272	-5136.285
L8	12.8	DEAD	Top	-103.83	-4.16	0.00	0.001	0.012	359.118
			Bottom	-113.61	-4.16	0.00	0.001	0.002	-181.589
L8	12.8	TORX	Top	23.94	15.14	0.00	0.074	0.041	-851.195
			Bottom	23.94	15.14	0.00	0.074	-0.011	753.422
L8	12.8	TORY	Top	29.10	18.33	0.00	0.090	0.049	-1030.727
			Bottom	29.10	18.33	0.00	0.090	-0.015	912.660
L8	12.8	DX MAX	Top	476.67	353.39	0.01	0.140	0.755	19622.164
			Bottom	476.67	353.39	0.01	0.140	0.265	17841.338
L8	12.8	DX MIN	Top	-476.67	-353.39	-0.01	-0.140	-0.755	-19622.164
			Bottom	-476.67	-353.39	-0.01	-0.140	-0.265	-17841.338
L8	12.8	DY MAX	Top	287.80	148.30	0.09	0.954	8.145	8483.180
			Bottom	287.80	148.30	0.09	0.954	2.363	7241.402
L8	12.8	DY MIN	Top	-287.80	-148.30	-0.09	-0.954	-8.145	-8483.180
			Bottom	-287.80	-148.30	-0.09	-0.954	-2.363	-7241.402
L8	12.9	DEAD	Top	-255.71	-4.35	0.00	0.015	0.022	379.828
			Bottom	-278.24	-4.35	0.00	0.015	0.018	-81.306
L8	12.9	TORX	Top	43.62	27.55	0.00	0.164	0.084	-1645.231
			Bottom	43.62	27.55	0.00	0.164	-0.027	1275.375
L8	12.9	TORY	Top	53.06	33.20	0.00	0.199	0.113	-1983.767
			Bottom	53.06	33.20	0.00	0.199	-0.035	1535.301
L8	12.9	DX MAX	Top	596.36	617.90	0.01	0.402	1.182	37413.222
			Bottom	596.36	617.90	0.01	0.402	0.503	29361.133
L8	12.9	DX MIN	Top	-596.36	-617.90	-0.01	-0.402	-1.182	-37413.222
			Bottom	-596.36	-617.90	-0.01	-0.402	-0.503	-29361.133
L8	12.9	DY MAX	Top	765.01	391.29	0.13	2.294	11.581	24620.041
			Bottom	765.01	391.29	0.13	2.294	4.322	16880.006
L8	12.9	DY MIN	Top	-765.01	-391.29	-0.13	-2.294	-11.581	-24620.041
			Bottom	-765.01	-391.29	-0.13	-2.294	-4.322	-16880.006
L8	A-6	DEAD	Top	-102.18	-6.50	0.00	0.002	-0.002	483.821
			Bottom	-113.18	-6.50	0.00	0.002	0.002	-305.114
L8	A-6	TORX	Top	-30.14	-4.35	0.00	0.088	0.042	283.645
			Bottom	-30.14	-4.35	0.00	0.088	-0.014	-177.104
L8	A-6	TORY	Top	-36.53	-5.25	0.00	0.107	0.050	343.216
			Bottom	-36.53	-5.25	0.00	0.107	-0.042	-213.369
L8	A-6	DX MAX	Top	186.11	35.29	0.11	0.751	2.641	2281.960
			Bottom	186.11	35.29	0.11	0.751	1.254	1460.156

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	A-6	DX MIN	Top	-186.11	-35.29	-0.11	-0.751	-9.643	-2281.960
			Bottom	-186.11	-35.29	-0.11	-0.751	-2.228	-1460.156
L8	A-6	DY MAX	Top	714.47	102.05	0.01	0.182	1.080	6343.347
			Bottom	714.47	102.05	0.01	0.182	0.266	4487.187
L8	A-6	DY MIN	Top	-714.47	-102.05	-0.01	-0.182	-1.080	-6343.347
			Bottom	-714.47	-102.05	-0.01	-0.182	-0.266	-4487.187
L8	A-7	DEAD	Top	-107.91	-9.17	0.00	0.002	-0.003	528.532
			Bottom	-119.35	-9.17	0.00	0.002	0.004	-443.655
L8	A-7	TORX	Top	-29.02	-11.67	0.00	0.080	0.028	657.168
			Bottom	-29.02	-11.67	0.00	0.080	-0.021	-579.405
L8	A-7	TORY	Top	-35.27	-14.11	0.00	0.097	0.034	795.377
			Bottom	-35.27	-14.11	0.00	0.097	-0.026	-700.865
L8	A-7	DX MAX	Top	222.76	88.79	0.11	1.256	9.339	5133.156
			Bottom	222.76	88.79	0.11	1.256	2.556	4280.612
L8	A-7	DX MIN	Top	-222.76	-88.79	-0.11	-1.256	-9.339	-5133.156
			Bottom	-222.76	-88.79	-0.11	-1.256	-2.556	-4280.612
L8	A-7	DY MAX	Top	591.31	259.08	0.01	0.211	1.068	14366.964
			Bottom	591.31	259.08	0.01	0.211	0.299	13096.032
L8	A-7	DY MIN	Top	-591.31	-259.08	-0.01	-0.211	-1.068	-14366.964
			Bottom	-591.31	-259.08	-0.01	-0.211	-0.299	-13096.032
L8	A-8	DEAD	Top	-105.50	-8.60	0.00	0.002	-0.003	501.632
			Bottom	-115.27	-8.60	0.00	0.002	0.004	-410.495
L8	A-8	TORX	Top	-24.62	-15.32	0.00	0.075	0.030	859.379
			Bottom	-24.62	-15.32	0.00	0.075	-0.023	-764.373
L8	A-8	TORY	Top	-29.92	-18.53	0.00	0.091	0.035	1039.617
			Bottom	-29.92	-18.53	0.00	0.091	-0.029	-924.810
L8	A-8	DX MAX	Top	264.24	127.75	0.09	0.741	7.732	7332.988
			Bottom	264.24	127.75	0.09	0.741	2.581	6212.154
L8	A-8	DX MIN	Top	-264.24	-127.75	-0.09	-0.741	-7.732	-7332.988
			Bottom	-264.24	-127.75	-0.09	-0.741	-2.581	-6212.154
L8	A-8	DY MAX	Top	453.78	328.94	0.01	0.217	0.758	16276.107
			Bottom	453.78	328.94	0.01	0.217	0.227	16595.837
L8	A-8	DY MIN	Top	-453.78	-328.94	-0.01	-0.217	-0.758	-16276.107
			Bottom	-453.78	-328.94	-0.01	-0.217	-0.227	-16595.837
L8	A-9	DEAD	Top	-253.10	-14.02	0.00	-0.009	-0.003	929.455
			Bottom	-275.62	-14.02	0.00	-0.009	-0.001	-556.682
L8	A-9	TORX	Top	-42.46	-34.89	0.00	0.164	0.070	1494.281
			Bottom	-42.46	-34.89	0.00	0.164	-0.051	-1143.713
L8	A-9	TORY	Top	-51.65	-29.91	0.00	0.199	0.083	1797.792
			Bottom	-51.65	-29.91	0.00	0.199	-0.064	-1372.427
L8	A-9	DX MAX	Top	742.84	355.09	0.12	2.015	10.284	22540.436
			Bottom	742.84	355.09	0.12	2.015	4.279	15145.148
L8	A-9	DX MIN	Top	-742.84	-355.09	-0.12	-2.015	-10.284	-22540.436
			Bottom	-742.84	-355.09	-0.12	-2.015	-4.279	-15145.148

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	A-9	DY MAX	Top	538.28	558.95	0.01	0.427	0.984	33906.588
			Bottom	538.28	558.95	0.01	0.427	0.280	26885.869
L8	A-9	DY MIN	Top	-538.28	-558.95	-0.01	-0.427	-0.984	-33906.588
			Bottom	-538.28	-558.95	-0.01	-0.427	-0.280	-26885.869
L8	A-10	DEAD	Top	-193.91	-2.25	0.00	0.055	-0.402	-84.650
			Bottom	-211.47	-2.25	0.00	0.055	-0.095	-322.828
L8	A-10	TORX	Top	2.85	-13.26	0.00	0.146	0.036	713.440
			Bottom	2.85	-13.26	0.00	0.146	-0.055	-691.989
L8	A-10	TORY	Top	3.46	-15.80	0.00	0.176	0.044	850.868
			Bottom	3.46	-15.80	0.00	0.176	-0.069	-823.967
L8	A-10	DX MAX	Top	524.78	290.40	0.04	1.174	3.635	15882.297
			Bottom	524.78	290.40	0.04	1.174	3.647	14903.064
L8	A-10	DX MIN	Top	-524.78	-290.40	-0.04	-1.174	-3.635	-15882.297
			Bottom	-524.78	-290.40	-0.04	-1.174	-3.647	-14903.064
L8	A-10	DY MAX	Top	449.57	317.38	0.01	0.502	0.577	18927.805
			Bottom	449.57	317.38	0.01	0.502	0.399	15443.584
L8	A-10	DY MIN	Top	-449.57	-317.38	-0.01	-0.502	-0.577	-18927.805
			Bottom	-449.57	-317.38	-0.01	-0.502	-0.399	-15443.584
L8	P-6	DEAD	Top	-99.35	-5.65	0.00	0.002	-0.002	434.489
			Bottom	-109.95	-5.65	0.00	0.002	-0.001	-164.273
L8	P-6	TORX	Top	32.83	5.46	0.00	0.088	0.042	-344.939
			Bottom	32.83	5.46	0.00	0.088	-0.034	234.005
L8	P-6	TORY	Top	39.79	6.60	0.00	0.107	0.050	-417.525
			Bottom	39.79	6.60	0.00	0.107	-0.041	282.312
L8	P-6	DX MAX	Top	183.02	30.37	0.11	0.750	9.643	2030.824
			Bottom	183.02	30.37	0.11	0.750	2.235	1193.443
L8	P-6	DX MIN	Top	-183.02	-30.37	-0.11	-0.750	-9.643	-2030.824
			Bottom	-183.02	-30.37	-0.11	-0.750	-2.235	-1193.443
L8	P-6	DY MAX	Top	794.01	121.50	0.01	0.179	0.984	7471.988
			Bottom	794.01	121.50	0.01	0.179	0.277	5419.799
L8	P-6	DY MIN	Top	-794.01	-121.50	-0.01	-0.179	-0.984	-7471.988
			Bottom	-794.01	-121.50	-0.01	-0.179	-0.277	-5419.799
L8	P-7	DEAD	Top	-105.06	-7.34	0.00	0.002	-0.003	426.567
			Bottom	-115.50	-7.34	0.00	0.002	0.000	-351.429
L8	P-7	TORX	Top	30.97	13.83	0.00	0.080	0.028	-777.121
			Bottom	30.97	13.83	0.00	0.080	-0.021	688.885
L8	P-7	TORY	Top	37.63	16.74	0.00	0.097	0.034	-940.733
			Bottom	37.63	16.74	0.00	0.097	-0.026	833.606
L8	P-7	DX MAX	Top	222.78	80.96	0.11	1.253	9.338	4695.098
			Bottom	222.78	80.96	0.11	1.253	2.564	3889.280
L8	P-7	DX MIN	Top	-222.78	-80.96	-0.11	-1.253	-9.338	-4695.098
			Bottom	-222.78	-80.96	-0.11	-1.253	-2.564	-3889.280
L8	P-7	DY MAX	Top	661.90	301.33	0.01	0.197	1.068	16734.228
			Bottom	661.90	301.33	0.01	0.197	0.351	15207.240

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	P-7	DY MIN	Top	-661.90	-301.33	-0.01	-0.197	-1.068	-16734.228
			Bottom	-661.90	-301.33	-0.01	-0.197	-0.351	-15207.240
L8	P-8	DEAD	Top	-103.92	-6.20	0.00	0.001	-0.003	367.172
			Bottom	-113.69	-6.20	0.00	0.001	0.001	-289.907
L8	P-8	TORX	Top	26.47	17.95	0.00	0.075	0.030	-1006.810
			Bottom	26.47	17.95	0.00	0.075	-0.023	895.792
L8	P-8	TORY	Top	33.17	21.72	0.00	0.090	0.035	-1218.516
			Bottom	33.17	21.72	0.00	0.090	-0.029	1084.245
L8	P-8	DX MAX	Top	259.68	118.67	0.09	0.742	7.725	6807.469
			Bottom	259.68	118.67	0.09	0.742	2.586	5776.370
L8	P-8	DX MIN	Top	-259.68	-118.67	-0.09	-0.742	-7.725	-6807.469
			Bottom	-259.68	-118.67	-0.09	-0.742	-2.586	-5776.370
L8	P-8	DY MAX	Top	523.55	383.05	0.01	0.242	0.800	21328.369
			Bottom	523.55	383.05	0.01	0.242	0.278	19279.972
L8	P-8	DY MIN	Top	-523.55	-383.05	-0.01	-0.242	-0.800	-21328.369
			Bottom	-523.55	-383.05	-0.01	-0.242	-0.278	-19279.972
L8	P-9	DEAD	Top	-248.78	-6.86	0.00	0.017	-0.011	521.055
			Bottom	-271.30	-6.86	0.00	0.017	0.016	-206.445
L8	P-9	TORX	Top	44.97	32.81	0.00	0.164	0.070	-1933.563
			Bottom	44.97	32.81	0.00	0.164	-0.051	1553.890
L8	P-9	TORY	Top	54.71	39.52	0.00	0.199	0.084	-2318.764
			Bottom	54.71	39.52	0.00	0.199	-0.064	1869.843
L8	P-9	DX MAX	Top	729.31	315.98	0.12	2.010	10.288	20423.115
			Bottom	729.31	315.98	0.12	2.010	4.288	13134.943
L8	P-9	DX MIN	Top	-729.31	-315.98	-0.12	-2.010	-10.288	-20423.115
			Bottom	-729.31	-315.98	-0.12	-2.010	-4.288	-13134.943
L8	P-9	DY MAX	Top	669.91	701.28	0.02	0.712	1.530	41577.092
			Bottom	669.91	701.28	0.02	0.712	0.356	34143.696
L8	P-9	DY MIN	Top	-669.91	-701.28	-0.02	-0.712	-1.530	-41577.092
			Bottom	-669.91	-701.28	-0.02	-0.712	-0.356	-34143.696
L8	P-10	DEAD	Top	-155.48	3.58	0.00	-0.042	0.374	-398.119
			Bottom	-213.04	3.58	0.00	-0.042	0.113	-19.084
L8	P-10	TORX	Top	-4.75	18.91	0.00	0.158	0.023	-1009.228
			Bottom	-4.75	18.91	0.00	0.158	-0.042	994.977
L8	P-10	TORY	Top	-5.78	23.65	0.00	0.191	0.029	-1209.876
			Bottom	-5.78	23.65	0.00	0.191	-0.053	1191.595
L8	P-10	DX MAX	Top	524.74	261.00	0.04	1.185	2.692	14349.910
			Bottom	524.74	261.00	0.04	1.185	3.625	13321.384
L8	P-10	DX MIN	Top	-524.74	-261.00	-0.04	-1.185	-2.692	-14349.910
			Bottom	-524.74	-261.00	-0.04	-1.185	-3.625	-13321.384
L8	P-10	DY MAX	Top	454.38	424.85	0.01	0.816	1.139	24554.007
			Bottom	454.38	424.85	0.01	0.816	0.540	21469.306
L8	P-10	DY MIN	Top	-454.38	-424.85	-0.01	-0.816	-1.139	-24554.007
			Bottom	-454.38	-424.85	-0.01	-0.816	-0.540	-21469.306

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L8	12.11	DEAD	Top	-201.08	3.10	0.00	-0.029	0.401	-388.904
			Bottom	-218.62	3.10	0.00	-0.029	0.139	-80.519
L8	12.11	TORX	Top	0.74	16.41	0.00	0.155	0.040	-883.680
			Bottom	0.74	16.41	0.00	0.155	-0.035	855.337
L8	12.11	TORY	Top	0.86	19.65	0.00	0.187	0.049	-1058.830
			Bottom	0.86	19.65	0.00	0.187	-0.044	1023.658
L8	12.11	DX MAX	Top	439.84	364.40	0.01	0.583	0.722	21351.575
			Bottom	439.84	364.40	0.01	0.583	0.602	17883.038
L8	12.11	DX MIN	Top	-439.84	-364.40	-0.01	-0.583	-0.722	-21351.575
			Bottom	-439.84	-364.40	-0.01	-0.583	-0.602	-17883.038
L8	12.11	DY MAX	Top	520.82	315.73	0.04	1.652	3.448	17305.158
			Bottom	520.82	315.73	0.04	1.652	3.398	16162.981
L8	12.11	DY MIN	Top	-520.82	-315.73	-0.04	-1.652	-3.448	-17305.158
			Bottom	-520.82	-315.73	-0.04	-1.652	-3.398	-16162.981
L7	1.1	DEAD	Top	-230.98	-1.21	0.00	-0.093	-0.424	264.032
			Bottom	-246.36	-1.21	0.00	-0.093	-0.204	152.394
L7	1.1	TORX	Top	4.19	-20.16	0.00	0.099	0.034	893.995
			Bottom	4.19	-20.16	0.00	0.099	0.024	-961.906
L7	1.1	TORY	Top	4.90	-24.50	0.00	0.120	0.044	1087.980
			Bottom	4.90	-24.50	0.00	0.120	0.032	-1166.334
L7	1.1	DX MAX	Top	462.30	430.86	0.01	0.443	1.507	20292.312
			Bottom	462.30	430.86	0.01	0.443	0.352	19828.775
L7	1.1	DX MIN	Top	-462.30	-430.86	-0.01	-0.443	-1.507	-20292.312
			Bottom	-462.30	-430.86	-0.01	-0.443	-0.352	-19828.775
L7	1.1	DY MAX	Top	621.06	233.26	0.02	1.922	1.715	10353.517
			Bottom	621.06	233.26	0.02	1.922	2.812	11112.037
L7	1.1	DY MIN	Top	-621.06	-233.26	-0.02	-1.922	-1.715	-10353.517
			Bottom	-621.06	-233.26	-0.02	-1.922	-2.812	-11112.037
L7	1.2	DEAD	Top	-297.42	3.42	0.00	0.019	-0.021	-159.601
			Bottom	-316.83	3.42	0.00	0.019	-0.045	154.805
L7	1.2	TORX	Top	43.10	-35.61	0.00	0.180	0.133	1089.197
			Bottom	43.10	-35.61	0.00	0.180	-0.045	-1167.361
L7	1.2	TORY	Top	52.38	-31.16	0.00	0.220	0.151	1331.372
			Bottom	52.38	-31.16	0.00	0.220	-0.051	-1535.498
L7	1.2	DX MAX	Top	460.76	653.30	0.01	0.134	0.523	28967.133
			Bottom	460.76	653.30	0.01	0.134	0.389	32593.471
L7	1.2	DX MIN	Top	-460.76	-653.30	-0.01	-0.134	-0.523	-28967.133
			Bottom	-460.76	-653.30	-0.01	-0.134	-0.199	-32593.471
L7	1.2	DY MAX	Top	763.10	195.76	0.07	0.710	5.410	8745.002
			Bottom	763.10	195.76	0.07	0.710	5.380	9339.135
L7	1.2	DY MIN	Top	-763.10	-195.76	-0.07	-0.710	-5.410	-8745.002
			Bottom	-763.10	-195.76	-0.07	-0.710	-5.380	-9339.135
L7	1.3	DEAD	Top	-132.32	4.22	0.00	0.000	-0.011	-206.219
			Bottom	-140.54	4.22	0.00	0.000	-0.014	182.691

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	1.3	TORX							
			Top	26.74	-13.43	0.00	0.077	0.052	613.752
			Bottom	26.74	-13.43	0.00	0.077	-0.017	-621.364
L7	1.3	TORY							
			Top	32.48	-16.33	0.00	0.094	0.064	746.668
			Bottom	32.48	-16.33	0.00	0.094	-0.019	-755.995
L7	1.3	DX MAX							
			Top	500.66	352.14	0.01	0.083	0.378	15897.842
			Bottom	500.66	352.14	0.01	0.083	0.179	16502.788
L7	1.3	DX MIN							
			Top	-500.66	-352.14	-0.01	-0.083	-0.378	-15897.842
			Bottom	-500.66	-352.14	-0.01	-0.083	-0.179	-16502.788
L7	1.3	DY MAX							
			Top	290.85	81.73	0.05	0.305	3.073	3924.430
			Bottom	290.85	81.73	0.05	0.305	1.924	3601.415
L7	1.3	DY MIN							
			Top	-290.85	-81.73	-0.05	-0.305	-3.073	-3924.430
			Bottom	-290.85	-81.73	-0.05	-0.305	-1.924	-3601.415
L7	1.4	DEAD							
			Top	-133.93	5.37	0.00	0.000	-0.014	-261.805
			Bottom	-142.84	5.37	0.00	0.000	-0.014	333.369
L7	1.4	TORX							
			Top	32.21	-10.35	0.00	0.080	0.049	474.514
			Bottom	32.21	-10.35	0.00	0.080	-0.015	-477.409
L7	1.4	TORY							
			Top	39.14	-12.59	0.00	0.098	0.061	577.728
			Bottom	39.14	-12.59	0.00	0.098	-0.017	-580.739
L7	1.4	DX MAX							
			Top	724.68	277.48	0.01	0.084	0.455	12528.376
			Bottom	724.68	277.48	0.01	0.084	0.197	13007.097
L7	1.4	DX MIN							
			Top	-724.68	-277.48	-0.01	-0.084	-0.455	-12528.376
			Bottom	-724.68	-277.48	-0.01	-0.084	-0.197	-13007.097
L7	1.4	DY MAX							
			Top	348.19	55.26	0.05	0.310	3.205	3662.691
			Bottom	348.19	55.26	0.05	0.310	2.167	3428.415
L7	1.4	DY MIN							
			Top	-348.19	-55.26	-0.05	-0.310	-3.205	-3662.691
			Bottom	-348.19	-55.26	-0.05	-0.310	-2.167	-3428.415
L7	1.5	DEAD							
			Top	-133.16	3.52	0.00	0.001	-0.012	-274.084
			Bottom	-142.36	3.52	0.00	0.001	-0.013	49.831
L7	1.5	TORX							
			Top	36.46	-4.06	0.00	0.096	0.025	313.239
			Bottom	36.46	-4.06	0.00	0.096	0.008	-160.281
L7	1.5	TORY							
			Top	44.31	-4.94	0.00	0.117	0.031	380.059
			Bottom	44.31	-4.94	0.00	0.117	0.010	-194.541
L7	1.5	DX MAX							
			Top	932.06	112.95	0.01	0.121	0.420	5713.008
			Bottom	932.06	112.95	0.01	0.121	0.182	4703.154
L7	1.5	DX MIN							
			Top	-932.06	-112.95	-0.01	-0.121	-0.420	-5713.008
			Bottom	-932.06	-112.95	-0.01	-0.121	-0.182	-4703.154
L7	1.5	DY MAX							
			Top	221.73	19.57	0.05	0.194	3.126	1126.057
			Bottom	221.73	19.57	0.05	0.194	2.008	694.836
L7	1.5	DY MIN							
			Top	-221.73	-19.57	-0.05	-0.194	-3.126	-1126.057
			Bottom	-221.73	-19.57	-0.05	-0.194	-2.008	-694.836
L7	1.11	DEAD							
			Top	-231.28	-1.26	0.00	0.083	-0.375	-160.922
			Bottom	-246.52	-1.26	0.00	0.083	-0.305	-376.532
L7	1.11	TORX							
			Top	-8.19	-20.75	0.00	0.090	0.044	927.032
			Bottom	-8.19	-20.75	0.00	0.090	-0.034	-983.341

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	1.11	TORY							
			Top	-9.76	-25.23	0.00	0.109	0.050	1129.570
			Bottom	-9.76	-25.23	0.00	0.109	-0.032	-1191.501
L7	1.11	DX MAX							
			Top	461.73	419.73	0.01	0.435	0.950	19711.029
			Bottom	461.73	419.73	0.01	0.435	0.354	19373.714
L7	1.11	DX MIN							
			Top	-461.73	-419.73	-0.01	-0.435	-0.950	-19711.029
			Bottom	-461.73	-419.73	-0.01	-0.435	-0.354	-19373.714
L7	1.11	DY MAX							
			Top	644.56	278.15	0.03	1.715	2.174	13224.754
			Bottom	644.56	278.15	0.03	1.715	3.018	13388.111
L7	1.11	DY MIN							
			Top	-644.56	-278.15	-0.03	-1.715	-2.174	-13224.754
			Bottom	-644.56	-278.15	-0.03	-1.715	-3.018	-13388.111
L7	12.1	DEAD							
			Top	-233.87	-0.36	0.00	0.035	0.295	240.351
			Bottom	-249.26	-0.36	0.00	0.035	0.220	206.905
L7	12.1	TORX							
			Top	-3.82	20.32	0.00	0.095	0.022	-895.712
			Bottom	-3.82	20.32	0.00	0.095	0.026	974.037
L7	12.1	TORY							
			Top	-4.47	24.70	0.00	0.116	0.030	-1091.320
			Bottom	-4.47	24.70	0.00	0.116	0.034	1180.992
L7	12.1	DX MAX							
			Top	442.49	440.40	0.01	0.359	1.085	20444.825
			Bottom	442.49	440.40	0.01	0.359	0.404	20589.399
L7	12.1	DX MIN							
			Top	-442.49	-440.40	-0.01	-0.359	-1.085	-20444.825
			Bottom	-442.49	-440.40	-0.01	-0.359	-0.404	-20589.399
L7	12.1	DY MAX							
			Top	610.50	232.18	0.02	2.051	1.721	10394.868
			Bottom	610.50	232.18	0.02	2.051	2.822	10970.902
L7	12.1	DY MIN							
			Top	-610.50	-232.18	-0.02	-2.051	-1.721	-10394.868
			Bottom	-610.50	-232.18	-0.02	-2.051	-2.822	-10970.902
L7	12.2	DEAD							
			Top	-300.06	3.03	0.00	-0.016	-0.043	-98.413
			Bottom	-319.47	3.03	0.00	-0.016	0.002	180.603
L7	12.2	TORX							
			Top	-43.45	25.78	0.00	0.182	0.133	-1085.965
			Bottom	-43.45	25.78	0.00	0.182	-0.037	1285.737
L7	12.2	TORY							
			Top	-52.80	31.36	0.00	0.221	0.152	-1327.449
			Bottom	-52.80	31.36	0.00	0.221	-0.043	1597.790
L7	12.2	DX MAX							
			Top	527.19	654.73	0.01	0.329	0.652	28703.635
			Bottom	527.19	654.73	0.01	0.329	0.477	33092.693
L7	12.2	DX MIN							
			Top	-527.19	-654.73	-0.01	-0.329	-0.652	-28703.635
			Bottom	-527.19	-654.73	-0.01	-0.329	-0.477	-33092.693
L7	12.2	DY MAX							
			Top	747.40	194.63	0.07	0.698	5.411	8849.106
			Bottom	747.40	194.63	0.07	0.698	3.259	9140.657
L7	12.2	DY MIN							
			Top	-747.40	-194.63	-0.07	-0.698	-5.411	-8849.106
			Bottom	-747.40	-194.63	-0.07	-0.698	-3.259	-9140.657
L7	12.3	DEAD							
			Top	-133.14	3.87	0.00	0.000	-0.015	-191.805
			Bottom	-141.77	3.87	0.00	0.000	-0.005	164.260
L7	12.3	TORX							
			Top	-27.16	13.56	0.00	0.078	0.052	-619.415
			Bottom	-27.16	13.56	0.00	0.078	-0.010	627.796
L7	12.3	TORY							
			Top	-32.99	16.49	0.00	0.094	0.064	-753.573
			Bottom	-32.99	16.49	0.00	0.094	-0.011	763.829

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	12.3	DX MAX							
			Top	533.06	350.92	0.01	0.078	0.380	15849.359
			Bottom	533.06	350.92	0.01	0.078	0.253	16439.273
L7	12.3	DX MIN							
			Top	-533.06	-350.92	-0.01	-0.078	-0.380	-15849.359
			Bottom	-533.06	-350.92	-0.01	-0.078	-0.253	-16439.273
L7	12.3	DY MAX							
			Top	283.81	81.29	0.05	0.303	3.074	3902.200
			Bottom	283.81	81.29	0.05	0.303	1.809	3582.787
L7	12.3	DY MIN							
			Top	-283.81	-81.29	-0.05	-0.303	-3.074	-3902.200
			Bottom	-283.81	-81.29	-0.05	-0.303	-1.809	-3582.787
L7	12.4	DEAD							
			Top	-134.10	5.05	0.00	0.000	-0.014	-245.948
			Bottom	-143.01	5.05	0.00	0.000	-0.006	218.597
L7	12.4	TORX							
			Top	-32.80	10.46	0.00	0.081	0.049	-478.959
			Bottom	-32.80	10.46	0.00	0.081	-0.008	483.154
L7	12.4	TORY							
			Top	-39.86	12.73	0.00	0.098	0.060	-583.166
			Bottom	-39.86	12.73	0.00	0.098	-0.007	587.767
L7	12.4	DX MAX							
			Top	750.38	275.73	0.01	0.085	0.457	12442.806
			Bottom	750.38	275.73	0.01	0.085	0.285	12931.924
L7	12.4	DX MIN							
			Top	-750.38	-275.73	-0.01	-0.085	-0.457	-12442.806
			Bottom	-750.38	-275.73	-0.01	-0.085	-0.285	-12931.924
L7	12.4	DY MAX							
			Top	342.84	55.27	0.05	0.310	3.207	2666.871
			Bottom	342.84	55.27	0.05	0.310	2.025	3425.058
L7	12.4	DY MIN							
			Top	-342.84	-55.27	-0.05	-0.310	-3.207	-2666.871
			Bottom	-342.84	-55.27	-0.05	-0.310	-2.025	-3425.058
L7	12.5	DEAD							
			Top	-133.73	3.34	0.00	0.000	-0.012	-262.171
			Bottom	-142.93	3.34	0.00	0.000	-0.007	45.442
L7	12.5	TORX							
			Top	-37.31	4.09	0.00	0.096	0.024	-214.538
			Bottom	-37.31	4.09	0.00	0.096	0.014	142.189
L7	12.5	TORY							
			Top	-45.25	4.98	0.00	0.116	0.030	-261.655
			Bottom	-45.25	4.98	0.00	0.116	0.019	196.865
L7	12.5	DX MAX							
			Top	961.67	111.81	0.01	0.127	0.421	5648.636
			Bottom	961.67	111.81	0.01	0.127	0.253	4663.310
L7	12.5	DX MIN							
			Top	-961.67	-111.81	-0.01	-0.127	-0.421	-5648.636
			Bottom	-961.67	-111.81	-0.01	-0.127	-0.253	-4663.310
L7	12.5	DY MAX							
			Top	216.34	19.71	0.05	0.199	3.127	1142.965
			Bottom	216.34	19.71	0.05	0.199	1.876	688.390
L7	12.5	DY MIN							
			Top	-216.34	-19.71	-0.05	-0.199	-3.127	-1142.965
			Bottom	-216.34	-19.71	-0.05	-0.199	-1.876	-688.390
L7	A-1	DEAD							
			Top	-231.11	-1.74	0.00	-0.063	-0.398	252.274
			Bottom	-246.49	-1.74	0.00	-0.063	-0.242	92.119
L7	A-1	TORX							
			Top	-0.94	-22.11	0.00	0.108	-0.017	1015.365
			Bottom	-0.94	-22.11	0.00	0.108	0.006	-1019.024
L7	A-1	TORY							
			Top	-1.30	-26.88	0.00	0.131	-0.018	1237.589
			Bottom	-1.30	-26.88	0.00	0.131	0.009	-1234.930
L7	A-1	DX MAX							
			Top	592.35	275.62	0.02	1.720	1.634	13149.721
			Bottom	592.35	275.62	0.02	1.720	2.569	13116.287

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	A-1	DX MIN							
			Top	-592.35	-275.62	-0.02	-1.720	-1.634	-12249.721
			Bottom	-592.35	-275.62	-0.02	-1.720	-2.569	-13116.287
L7	A-1	DY MAX							
			Top	475.17	394.66	0.01	0.476	0.977	18639.394
			Bottom	475.17	394.66	0.01	0.476	0.403	18223.553
L7	A-1	DY MIN							
			Top	-475.17	-394.66	-0.01	-0.476	-0.977	-18639.394
			Bottom	-475.17	-394.66	-0.01	-0.476	-0.403	-18223.553
L7	A-2	DEAD							
			Top	-287.43	3.63	0.00	0.018	-0.006	-227.890
			Bottom	-306.83	3.63	0.00	0.018	-0.032	106.415
L7	A-2	TORX							
			Top	41.94	-30.17	0.00	0.181	0.063	1323.631
			Bottom	41.94	-30.17	0.00	0.181	-0.046	-1451.733
L7	A-2	TORY							
			Top	50.97	-36.70	0.00	0.220	0.076	1617.994
			Bottom	50.97	-36.70	0.00	0.220	-0.052	-1758.548
L7	A-2	DX MAX							
			Top	826.47	250.35	0.07	0.451	4.798	10931.683
			Bottom	826.47	250.35	0.07	0.451	3.493	12129.257
L7	A-2	DX MIN							
			Top	-826.47	-250.35	-0.07	-0.451	-4.798	-10931.683
			Bottom	-826.47	-250.35	-0.07	-0.451	-3.493	-12129.257
L7	A-2	DY MAX							
			Top	456.94	607.65	0.01	0.331	0.528	26965.748
			Bottom	456.94	607.65	0.01	0.331	0.380	30656.524
L7	A-2	DY MIN							
			Top	-456.94	-607.65	-0.01	-0.331	-0.528	-26965.748
			Bottom	-456.94	-607.65	-0.01	-0.331	-0.380	-30656.524
L7	A-3	DEAD							
			Top	-133.83	7.35	0.00	0.000	-0.007	-369.020
			Bottom	-132.45	7.35	0.00	0.000	-0.009	307.445
L7	A-3	TORX							
			Top	29.61	-16.86	0.00	0.078	0.023	767.873
			Bottom	29.61	-16.86	0.00	0.078	-0.014	-782.903
L7	A-3	TORY							
			Top	35.95	-20.51	0.00	0.095	0.028	934.401
			Bottom	35.95	-20.51	0.00	0.095	-0.015	-952.734
L7	A-3	DX MAX							
			Top	354.55	119.73	0.04	0.144	3.596	5683.216
			Bottom	354.55	119.73	0.04	0.144	1.910	5334.045
L7	A-3	DX MIN							
			Top	-354.55	-119.73	-0.04	-0.144	-3.596	-5683.216
			Bottom	-354.55	-119.73	-0.04	-0.144	-1.910	-5334.045
L7	A-3	DY MAX							
			Top	521.81	348.95	0.00	0.148	0.285	15751.007
			Bottom	521.81	348.95	0.00	0.148	0.215	16356.791
L7	A-3	DY MIN							
			Top	-521.81	-348.95	0.00	-0.148	-0.285	-15751.007
			Bottom	-521.81	-348.95	0.00	-0.148	-0.215	-16356.791
L7	A-4	DEAD							
			Top	-116.89	11.71	0.00	0.000	-0.008	-601.044
			Bottom	-125.80	11.71	0.00	0.000	-0.008	476.470
L7	A-4	TORX							
			Top	36.96	-14.96	0.00	0.081	0.019	701.140
			Bottom	36.96	-14.96	0.00	0.081	-0.011	-675.380
L7	A-4	TORY							
			Top	44.92	-18.21	0.00	0.098	0.024	853.348
			Bottom	44.92	-18.21	0.00	0.098	-0.011	-821.589
L7	A-4	DX MAX							
			Top	326.33	96.65	0.04	0.183	2.408	4684.562
			Bottom	326.33	96.65	0.04	0.183	2.044	4209.851
L7	A-4	DX MIN							
			Top	-326.33	-96.65	-0.04	-0.183	2.408	4684.562
			Bottom	-326.33	-96.65	-0.04	-0.183	2.044	4209.851

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	A-4	DY MAX	Top	728.15	310.78	0.00	0.157	0.261	14322.920
			Bottom	728.15	310.78	0.00	0.157	0.260	14268.825
L7	A-4	DY MIN	Top	-728.15	-310.78	0.00	-0.157	-0.261	-14322.920
			Bottom	-728.15	-310.78	0.00	-0.157	-0.260	-14268.825
L7	A-5	DEAD	Top	-99.25	5.54	0.00	0.001	-0.005	-329.637
			Bottom	-108.45	5.54	0.00	0.001	-0.007	179.680
L7	A-5	TORX	Top	36.97	-5.69	0.00	0.094	-0.003	280.624
			Bottom	36.97	-5.69	0.00	0.094	0.011	-243.207
L7	A-5	TORY	Top	44.83	-6.93	0.00	0.114	-0.004	343.312
			Bottom	44.83	-6.93	0.00	0.114	0.015	-295.282
L7	A-5	DX MAX	Top	273.25	33.15	0.03	0.365	1.568	1699.096
			Bottom	273.25	33.15	0.03	0.365	1.728	1354.228
L7	A-5	DX MIN	Top	-273.25	-33.15	-0.03	-0.365	-1.568	-1699.096
			Bottom	-273.25	-33.15	-0.03	-0.365	-1.728	-1354.228
L7	A-5	DY MAX	Top	817.36	119.22	0.00	0.185	0.170	5669.289
			Bottom	817.36	119.22	0.00	0.185	0.250	5355.913
L7	A-5	DY MIN	Top	-817.36	-119.22	0.00	-0.185	-0.170	-5669.289
			Bottom	-817.36	-119.22	0.00	-0.185	-0.250	-5355.913
L7	P-1	DEAD	Top	-342.90	-2.45	0.00	0.055	0.359	324.789
			Bottom	-358.28	-2.45	0.00	0.055	0.249	99.169
L7	P-1	TORX	Top	-2.30	21.04	0.00	0.104	-0.018	-900.267
			Bottom	-2.30	21.04	0.00	0.104	0.013	1035.251
L7	P-1	TORY	Top	-2.65	25.58	0.00	0.127	-0.018	-1098.322
			Bottom	-2.65	25.58	0.00	0.127	0.019	1254.684
L7	P-1	DX MAX	Top	623.04	254.56	0.02	1.747	1.549	10908.827
			Bottom	623.04	254.56	0.02	1.747	2.962	12546.645
L7	P-1	DX MIN	Top	-623.04	-254.56	-0.02	-1.747	-1.549	-10908.827
			Bottom	-623.04	-254.56	-0.02	-1.747	-2.962	-12546.645
L7	P-1	DY MAX	Top	368.79	410.89	0.02	0.259	1.604	18667.849
			Bottom	368.79	410.89	0.02	0.259	0.352	19873.028
L7	P-1	DY MIN	Top	-368.79	-410.89	-0.02	-0.259	-1.604	-18667.849
			Bottom	-368.79	-410.89	-0.02	-0.259	-0.352	-19873.028
L7	P-2	DEAD	Top	-308.04	4.92	0.00	-0.017	-0.029	-203.067
			Bottom	-327.44	4.92	0.00	-0.017	0.011	249.330
L7	P-2	TORX	Top	-53.41	30.74	0.00	0.183	0.060	-1253.236
			Bottom	-53.41	30.74	0.00	0.183	-0.042	1574.955
L7	P-2	TORY	Top	-64.86	37.40	0.00	0.223	0.075	-1533.090
			Bottom	-64.86	37.40	0.00	0.223	-0.048	1907.619
L7	P-2	DX MAX	Top	906.41	239.93	0.08	0.533	5.637	9772.371
			Bottom	906.41	239.93	0.08	0.533	3.529	12326.364
L7	P-2	DX MIN	Top	-906.41	-239.93	-0.08	-0.533	-5.637	-9772.371
			Bottom	-906.41	-239.93	-0.08	-0.533	-3.529	-12326.364
L7	P-2	DY MAX	Top	769.18	652.95	0.01	0.464	0.539	27669.550
			Bottom	769.18	652.95	0.01	0.464	0.440	34300.549

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	P-2	DY MIN	Top	-769.18	-652.95	-0.01	-0.464	-0.539	-27669.550
			Bottom	-769.18	-652.95	-0.01	-0.464	-0.440	-34300.549
L7	P-3	DEAD	Top	-112.84	14.51	0.00	0.000	-0.006	-917.816
			Bottom	-121.47	14.51	0.00	0.000	-0.001	417.564
L7	P-3	TORX	Top	-37.10	20.87	0.00	0.079	0.011	-966.050
			Bottom	-37.10	20.87	0.00	0.079	-0.007	953.549
L7	P-3	TORY	Top	-45.02	25.36	0.00	0.097	0.014	-1173.781
			Bottom	-45.02	25.36	0.00	0.097	-0.007	1159.094
L7	P-3	DX MAX	Top	381.93	154.55	0.04	0.444	2.604	7664.128
			Bottom	381.93	154.55	0.04	0.444	1.799	6563.982
L7	P-3	DX MIN	Top	-381.93	-154.55	-0.04	-0.444	-2.604	-7664.128
			Bottom	-381.93	-154.55	-0.04	-0.444	-1.799	-6563.982
L7	P-3	DY MAX	Top	714.21	432.73	0.00	0.151	0.254	19637.771
			Bottom	714.21	432.73	0.00	0.151	0.174	20181.558
L7	P-3	DY MIN	Top	-714.21	-432.73	0.00	-0.151	-0.254	-19637.771
			Bottom	-714.21	-432.73	0.00	-0.151	-0.174	-20181.558
L7	P-4	DEAD	Top	-103.80	-7.21	0.00	0.001	-0.005	567.506
			Bottom	-112.71	-7.21	0.00	0.001	-0.002	-96.244
L7	P-4	TORX	Top	-16.69	11.25	0.00	0.077	0.019	-390.359
			Bottom	-16.69	11.25	0.00	0.077	-0.007	644.911
L7	P-4	TORY	Top	-20.32	13.69	0.00	0.094	0.024	-474.919
			Bottom	-20.32	13.69	0.00	0.094	-0.006	783.795
L7	P-4	DX MAX	Top	151.26	62.52	0.05	0.460	3.043	3044.448
			Bottom	151.26	62.52	0.05	0.460	3.016	3711.900
L7	P-4	DX MIN	Top	-151.26	-62.52	-0.05	-0.460	-3.043	-3044.448
			Bottom	-151.26	-62.52	-0.05	-0.460	-2.016	-3711.900
L7	P-4	DY MAX	Top	341.13	251.86	0.01	0.155	0.353	8960.888
			Bottom	341.13	251.86	0.01	0.155	0.193	14284.837
L7	P-4	DY MIN	Top	-341.13	-251.86	-0.01	-0.155	-0.353	-8960.888
			Bottom	-341.13	-251.86	-0.01	-0.155	-0.193	-14284.837
L7	P-5	DEAD	Top	-124.63	0.13	0.00	0.000	-0.005	-128.639
			Bottom	-133.83	0.13	0.00	0.000	-0.002	-116.294
L7	P-5	TORX	Top	-35.51	4.76	0.00	0.094	-0.001	-254.900
			Bottom	-35.51	4.76	0.00	0.094	0.015	183.379
L7	P-5	TORY	Top	-43.07	5.80	0.00	0.115	-0.001	-310.922
			Bottom	-43.07	5.80	0.00	0.115	0.020	222.444
L7	P-5	DX MAX	Top	241.99	23.01	0.06	0.459	3.850	1333.248
			Bottom	241.99	23.01	0.06	0.459	1.909	792.459
L7	P-5	DX MIN	Top	-241.99	-23.01	-0.06	-0.459	-3.850	-1333.248
			Bottom	-241.99	-23.01	-0.06	-0.459	-1.909	-792.459
L7	P-5	DY MAX	Top	820.56	108.07	0.01	0.193	0.431	5582.086
			Bottom	820.56	108.07	0.01	0.193	0.176	4387.353
L7	P-5	DY MIN	Top	-820.56	-108.07	-0.01	-0.193	-0.431	-5582.086
			Bottom	-820.56	-108.07	-0.01	-0.193	-0.176	-4387.353

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	1.6	DEAD	Top	-134.57	-3.46	0.00	0.000	-0.002	271.819
			Bottom	-143.77	-3.46	0.00	0.000	-0.009	-46.793
L7	1.6	TORX	Top	-37.33	-4.13	0.00	0.094	0.012	217.500
			Bottom	-37.33	-4.13	0.00	0.094	0.003	-162.360
L7	1.6	TORY	Top	-45.27	-5.03	0.00	0.115	0.014	265.257
			Bottom	-45.27	-5.03	0.00	0.115	0.001	-197.084
L7	1.6	DX MAX	Top	916.78	111.15	0.01	0.108	0.418	5621.887
			Bottom	916.78	111.15	0.01	0.108	0.201	4628.267
L7	1.6	DX MIN	Top	-916.78	-111.15	-0.01	-0.108	-0.418	-5621.887
			Bottom	-916.78	-111.15	-0.01	-0.108	-0.201	-4628.267
L7	1.6	DY MAX	Top	326.97	27.98	0.05	0.488	3.337	1534.818
			Bottom	326.97	27.98	0.05	0.488	2.050	1044.349
L7	1.6	DY MIN	Top	-326.97	-27.98	-0.05	-0.488	-3.337	-1534.818
			Bottom	-326.97	-27.98	-0.05	-0.488	-2.050	-1044.349
L7	1.7	DEAD	Top	-128.10	-5.62	0.00	0.000	-0.002	275.161
			Bottom	-147.16	-5.62	0.00	0.000	-0.010	-242.167
L7	1.7	TORX	Top	-33.66	-10.68	0.00	0.082	-0.011	489.993
			Bottom	-33.66	-10.68	0.00	0.082	0.024	-492.659
L7	1.7	TORY	Top	-40.91	-13.00	0.00	0.099	-0.014	596.638
			Bottom	-40.91	-13.00	0.00	0.099	0.028	-599.306
L7	1.7	DX MAX	Top	720.12	275.31	0.01	0.087	0.429	12412.603
			Bottom	720.12	275.31	0.01	0.087	0.229	12915.313
L7	1.7	DX MIN	Top	-720.12	-275.31	-0.01	-0.087	-0.429	-12412.603
			Bottom	-720.12	-275.31	-0.01	-0.087	-0.229	-12915.313
L7	1.7	DY MAX	Top	341.86	81.86	0.05	0.266	3.409	3878.660
			Bottom	341.86	81.86	0.05	0.266	2.302	3654.541
L7	1.7	DY MIN	Top	-341.86	-81.86	-0.05	-0.266	-3.409	-3878.660
			Bottom	-341.86	-81.86	-0.05	-0.266	-2.302	-3654.541
L7	1.8	DEAD	Top	-133.36	-4.91	0.00	0.000	0.000	241.595
			Bottom	-141.84	-4.91	0.00	0.000	-0.009	-210.279
L7	1.8	TORX	Top	-27.41	-13.67	0.00	0.076	-0.014	626.530
			Bottom	-27.41	-13.67	0.00	0.076	0.025	-631.220
L7	1.8	TORY	Top	-33.29	-16.63	0.00	0.093	-0.018	762.252
			Bottom	-33.29	-16.63	0.00	0.093	0.029	-768.068
L7	1.8	DX MAX	Top	481.01	341.30	0.00	0.081	0.342	15415.835
			Bottom	481.01	341.30	0.00	0.081	0.206	15987.719
L7	1.8	DX MIN	Top	-481.01	-341.30	0.00	-0.081	-0.342	-15415.835
			Bottom	-481.01	-341.30	0.00	-0.081	-0.206	-15987.719
L7	1.8	DY MAX	Top	361.68	116.87	0.05	0.147	3.108	5574.074
			Bottom	361.68	116.87	0.05	0.147	2.026	5180.417
L7	1.8	DY MIN	Top	-361.68	-116.87	-0.05	-0.147	-3.105	-5574.074
			Bottom	-361.68	-116.87	-0.05	-0.147	-2.026	-5180.417
L7	1.9	DEAD	Top	-107.15	-5.91	0.00	-0.015	0.013	333.260
			Bottom	-124.70	-5.91	0.00	-0.015	0.027	103.950

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	1.9	TORX	Top	-46.48	-26.62	0.00	0.183	-0.045	1134.860
			Bottom	-46.48	-26.62	0.00	0.183	0.070	-1314.062
L7	1.9	TORY	Top	-56.49	-32.39	0.00	0.222	-0.057	1387.189
			Bottom	-56.49	-32.39	0.00	0.222	0.081	-1592.355
L7	1.9	DX MAX	Top	451.10	640.36	0.01	0.108	0.642	28503.704
			Bottom	451.10	640.36	0.01	0.108	0.395	31962.821
L7	1.9	DX MIN	Top	-451.10	-640.36	-0.01	-0.108	-0.642	-28503.704
			Bottom	-451.10	-640.36	-0.01	-0.108	-0.395	-31962.821
L7	1.9	DY MAX	Top	886.37	257.13	0.07	0.453	5.541	10804.622
			Bottom	886.37	257.13	0.07	0.453	3.781	12870.106
L7	1.9	DY MIN	Top	-886.37	-257.13	-0.07	-0.453	-5.541	-10804.622
			Bottom	-886.37	-257.13	-0.07	-0.453	-3.781	-12870.106
L7	12.6	DEAD	Top	-127.31	-2.86	0.00	0.001	-0.002	243.519
			Bottom	-136.51	-2.86	0.00	0.001	-0.004	-19.217
L7	12.6	TORX	Top	37.78	4.16	0.00	0.094	0.012	-217.845
			Bottom	37.78	4.16	0.00	0.094	-0.003	144.495
L7	12.6	TORY	Top	45.82	5.06	0.00	0.114	0.014	-265.712
			Bottom	45.82	5.06	0.00	0.114	-0.006	199.702
L7	12.6	DX MAX	Top	953.04	111.11	0.01	0.114	0.405	5613.904
			Bottom	953.04	111.11	0.01	0.114	0.170	4634.274
L7	12.6	DX MIN	Top	-953.04	-111.11	-0.01	-0.114	-0.405	-5613.904
			Bottom	-953.04	-111.11	-0.01	-0.114	-0.170	-4634.274
L7	12.6	DY MAX	Top	302.12	24.99	0.05	0.487	3.341	1360.628
			Bottom	302.12	24.99	0.05	0.487	1.923	941.903
L7	12.6	DY MIN	Top	-302.12	-24.99	-0.05	-0.487	-3.341	-1360.628
			Bottom	-302.12	-24.99	-0.05	-0.487	-1.923	-941.903
L7	12.7	DEAD	Top	-132.18	-3.66	0.00	0.001	-0.002	188.252
			Bottom	-141.23	-3.66	0.00	0.001	-0.003	-148.573
L7	12.7	TORX	Top	33.64	10.77	0.00	0.092	-0.010	-492.398
			Bottom	33.64	10.77	0.00	0.092	0.019	438.183
L7	12.7	TORY	Top	40.89	13.10	0.00	0.100	-0.014	-599.524
			Bottom	40.89	13.10	0.00	0.100	0.020	406.125
L7	12.7	DX MAX	Top	751.00	276.90	0.01	0.087	0.431	13476.366
			Bottom	751.00	276.90	0.01	0.087	0.204	13007.327
L7	12.7	DX MIN	Top	-751.00	-276.90	-0.01	-0.087	-0.431	-13476.366
			Bottom	-751.00	-276.90	-0.01	-0.087	-0.204	-13007.327
L7	12.7	DY MAX	Top	311.99	73.77	0.05	0.267	3.412	3482.794
			Bottom	311.99	73.77	0.05	0.267	2.168	3305.882
L7	12.7	DY MIN	Top	-311.99	-73.77	-0.05	-0.267	-3.412	-3482.794
			Bottom	-311.99	-73.77	-0.05	-0.267	-2.168	-3305.882
L7	12.8	DEAD	Top	-129.43	-2.07	0.00	0.000	-0.001	113.104
			Bottom	-137.91	-2.07	0.00	0.000	-0.001	-77.051
L7	12.8	TORX	Top	26.78	13.74	0.00	0.077	-0.014	627.985
			Bottom	26.78	13.74	0.00	0.077	0.021	636.240

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	12.8	TORY	Top	32.52	16.72	0.00	0.093	-0.018	-764.096
			Bottom	32.52	16.72	0.00	0.093	0.024	774.255
L7	12.8	DX MAX	Top	511.51	345.36	0.00	0.077	0.348	15601.268
			Bottom	511.51	345.36	0.00	0.077	0.181	16175.743
L7	12.8	DX MIN	Top	-511.51	-345.36	0.00	-0.077	-0.348	-15601.368
			Bottom	-511.51	-345.36	0.00	-0.077	-0.181	-16175.743
L7	12.8	DY MAX	Top	328.40	105.30	0.05	0.149	3.112	5013.479
			Bottom	328.40	105.30	0.05	0.149	1.922	4676.196
L7	12.8	DY MIN	Top	-328.40	-105.30	-0.05	-0.149	-3.112	-5013.479
			Bottom	-328.40	-105.30	-0.05	-0.149	-1.922	-4676.196
L7	12.9	DEAD	Top	-305.56	-0.97	0.00	0.017	-0.010	91.523
			Bottom	-325.11	-0.97	0.00	0.017	0.013	2.211
L7	12.9	TORX	Top	43.13	26.52	0.00	0.184	-0.045	-1116.133
			Bottom	43.13	26.52	0.00	0.184	0.067	1323.406
L7	12.9	TORY	Top	52.40	32.26	0.00	0.224	-0.057	-1364.421
			Bottom	52.40	32.26	0.00	0.224	0.077	1603.684
L7	12.9	DX MAX	Top	503.59	652.46	0.01	0.335	0.519	28657.455
			Bottom	503.59	652.46	0.01	0.335	0.451	33009.226
L7	12.9	DX MIN	Top	-503.59	-652.46	-0.01	-0.335	-0.519	-28657.455
			Bottom	-503.59	-652.46	-0.01	-0.335	-0.451	-33009.226
L7	12.9	DY MAX	Top	799.88	330.85	0.07	0.460	5.542	9501.353
			Bottom	799.88	330.85	0.07	0.460	3.665	11758.773
L7	12.9	DY MIN	Top	-799.88	-330.85	-0.07	-0.460	-5.542	-9501.353
			Bottom	-799.88	-330.85	-0.07	-0.460	-3.665	-11758.773
L7	A-6	DEAD	Top	-135.95	-3.84	0.00	0.000	0.001	284.351
			Bottom	-145.15	-3.84	0.00	0.000	-0.006	-68.493
L7	A-6	TORX	Top	-40.41	-4.82	0.00	0.094	0.001	255.078
			Bottom	-40.41	-4.82	0.00	0.094	-0.006	-188.632
L7	A-6	TORY	Top	-48.98	-5.87	0.00	0.115	0.001	311.037
			Bottom	-48.98	-5.87	0.00	0.115	-0.008	-228.899
L7	A-6	DX MAX	Top	247.30	20.18	0.05	0.249	3.410	1131.061
			Bottom	247.30	20.18	0.05	0.249	1.851	736.158
L7	A-6	DX MIN	Top	-247.30	-20.18	-0.05	-0.249	-3.410	-1131.061
			Bottom	-247.30	-20.18	-0.05	-0.249	-1.851	-736.158
L7	A-6	DY MAX	Top	922.03	103.70	0.01	0.196	0.421	5243.804
			Bottom	922.03	103.70	0.01	0.196	0.250	4319.142
L7	A-6	DY MIN	Top	-922.03	-103.70	-0.01	-0.196	-0.421	-5243.804
			Bottom	-922.03	-103.70	-0.01	-0.196	-0.250	-4319.142
L7	A-7	DEAD	Top	-137.70	-6.38	0.00	0.000	0.002	305.672
			Bottom	-146.76	-6.38	0.00	0.000	-0.007	-280.922
L7	A-7	TORX	Top	-35.78	-12.11	0.00	0.082	-0.022	553.853
			Bottom	-35.78	-12.11	0.00	0.082	0.016	-559.998
L7	A-7	TORY	Top	-43.47	-14.73	0.00	0.099	-0.027	674.330
			Bottom	-43.47	-14.73	0.00	0.099	0.018	-681.115

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	A-7	DX MAX	Top	271.71	60.90	0.05	0.289	3.555	3915.422
			Bottom	271.71	60.90	0.05	0.289	2.038	2693.191
L7	A-7	DX MIN	Top	-271.71	-60.90	-0.05	-0.289	-3.555	-3915.422
			Bottom	-271.71	-60.90	-0.05	-0.289	-2.038	-2693.191
L7	A-7	DY MAX	Top	717.65	258.12	0.01	0.151	0.445	11613.513
			Bottom	717.65	258.12	0.01	0.151	0.373	12144.413
L7	A-7	DY MIN	Top	-717.65	-258.12	-0.01	-0.151	-0.445	-11613.513
			Bottom	-717.65	-258.12	-0.01	-0.151	-0.373	-12144.413
L7	A-8	DEAD	Top	-131.79	-5.48	0.00	0.000	0.003	265.897
			Bottom	-140.27	-5.48	0.00	0.000	-0.007	-238.552
L7	A-8	TORX	Top	-27.23	-15.18	0.00	0.076	-0.024	690.295
			Bottom	-27.23	-15.18	0.00	0.076	0.017	-706.386
L7	A-8	TORY	Top	-33.07	-18.47	0.00	0.093	-0.030	839.742
			Bottom	-33.07	-18.47	0.00	0.093	0.020	-859.420
L7	A-8	DX MAX	Top	304.55	89.87	0.05	0.239	3.265	4317.518
			Bottom	304.55	89.87	0.05	0.239	1.800	3955.491
L7	A-8	DX MIN	Top	-304.55	-89.87	-0.05	-0.239	-3.265	-4317.518
			Bottom	-304.55	-89.87	-0.05	-0.239	-1.800	-3955.491
L7	A-8	DY MAX	Top	480.95	321.04	0.00	0.140	0.329	14479.377
			Bottom	480.95	321.04	0.00	0.140	0.230	15061.090
L7	A-8	DY MIN	Top	-480.95	-321.04	0.00	-0.140	-0.329	-14479.377
			Bottom	-480.95	-321.04	0.00	-0.140	-0.230	-15061.090
L7	A-9	DEAD	Top	-301.86	-5.50	0.00	-0.017	0.020	183.428
			Bottom	-321.41	-5.50	0.00	-0.017	-0.027	-322.766
L7	A-9	TORX	Top	-40.89	-29.46	0.00	0.181	-0.067	1300.628
			Bottom	-40.89	-29.46	0.00	0.181	0.048	-1409.326
L7	A-9	TORY	Top	-49.69	-35.83	0.00	0.220	-0.083	1589.798
			Bottom	-49.69	-35.83	0.00	0.220	0.056	-1706.359
L7	A-9	DX MAX	Top	791.25	211.17	0.07	0.620	5.511	8903.059
			Bottom	791.25	211.17	0.07	0.620	3.360	10564.646
L7	A-9	DX MIN	Top	-791.25	-211.17	-0.07	-0.620	-5.511	-8903.058
			Bottom	-791.25	-211.17	-0.07	-0.620	-3.360	-10564.646
L7	A-9	DY MAX	Top	442.26	601.66	0.01	0.227	0.461	26750.253
			Bottom	442.26	601.66	0.01	0.227	0.357	30360.698
L7	A-9	DY MIN	Top	-442.26	-601.66	-0.01	-0.227	-0.461	-26750.253
			Bottom	-442.26	-601.66	-0.01	-0.227	-0.357	-30360.698
L7	A-10	DEAD	Top	-230.54	-0.67	0.00	0.071	-0.374	-204.273
			Bottom	-245.78	-0.67	0.00	0.071	-0.232	-265.460
L7	A-10	TORX	Top	1.61	-21.63	0.00	0.105	0.015	993.717
			Bottom	1.61	-21.63	0.00	0.105	-0.009	-997.340
L7	A-10	TORY	Top	2.10	-26.29	0.00	0.128	0.016	1209.806
			Bottom	2.10	-26.29	0.00	0.128	-0.012	-1208.511
L7	A-10	DX MAX	Top	598.45	249.80	0.02	1.994	1.499	10887.856
			Bottom	598.45	249.80	0.02	1.994	2.944	12112.620

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	A-10	DX MIN	Top	-598.45	-249.80	-0.02	-1.994	-1.499	-10887.856
			Bottom	-598.45	-249.80	-0.02	-1.994	-2.944	-12112.620
L7	A-10	DY MAX	Top	477.31	390.97	0.01	0.507	1.104	18404.441
			Bottom	477.31	390.97	0.01	0.507	0.413	18086.461
L7	A-10	DY MIN	Top	-477.31	-390.97	-0.01	-0.507	-1.104	-18404.441
			Bottom	-477.31	-390.97	-0.01	-0.507	-0.413	-18086.461
L7	P-6	DEAD	Top	-131.59	-3.65	0.00	0.001	0.001	278.433
			Bottom	-140.79	-3.65	0.00	0.001	0.002	-57.745
L7	P-6	TORX	Top	44.25	4.77	0.00	0.094	0.001	-245.112
			Bottom	44.25	4.77	0.00	0.094	-0.007	193.312
L7	P-6	TORY	Top	53.64	5.80	0.00	0.115	0.001	-299.057
			Bottom	53.64	5.80	0.00	0.115	-0.010	234.615
L7	P-6	DX MAX	Top	242.89	23.28	0.05	0.251	3.411	1338.459
			Bottom	242.89	23.28	0.05	0.251	1.841	815.977
L7	P-6	DX MIN	Top	-242.89	-23.28	-0.05	-0.251	-3.411	-1338.459
			Bottom	-242.89	-23.28	-0.05	-0.251	-1.841	-815.977
L7	P-6	DY MAX	Top	1027.93	108.57	0.01	0.208	0.388	5426.597
			Bottom	1027.93	108.57	0.01	0.208	0.293	4590.092
L7	P-6	DY MIN	Top	-1027.93	-108.57	-0.01	-0.208	-0.388	-5426.597
			Bottom	-1027.93	-108.57	-0.01	-0.208	-0.293	-4590.092
L7	P-7	DEAD	Top	-134.11	-5.62	0.00	0.001	0.002	272.534
			Bottom	-143.16	-5.62	0.00	0.001	0.005	-244.786
L7	P-7	TORX	Top	38.31	13.43	0.00	0.082	-0.022	-564.656
			Bottom	38.31	13.43	0.00	0.082	0.015	578.446
L7	P-7	TORY	Top	46.55	15.12	0.00	0.099	-0.027	-687.612
			Bottom	46.55	15.12	0.00	0.099	0.017	703.645
L7	P-7	DX MAX	Top	271.59	65.94	0.05	0.289	3.558	3167.976
			Bottom	271.59	65.94	0.05	0.289	2.027	2904.115
L7	P-7	DX MIN	Top	-271.59	-65.94	-0.05	-0.289	-3.558	-3167.976
			Bottom	-271.59	-65.94	-0.05	-0.289	-2.027	-2904.115
L7	P-7	DY MAX	Top	804.04	275.75	0.01	0.155	0.449	12384.739
			Bottom	804.04	275.75	0.01	0.155	0.364	12995.667
L7	P-7	DY MIN	Top	-804.04	-275.75	-0.01	-0.155	-0.449	-12384.739
			Bottom	-804.04	-275.75	-0.01	-0.155	-0.364	-12995.667
L7	P-8	DEAD	Top	-128.45	-4.23	0.00	0.000	0.003	207.376
			Bottom	-136.93	-4.23	0.00	0.000	0.006	-181.362
L7	P-8	TORX	Top	29.68	15.84	0.00	0.076	-0.024	-721.594
			Bottom	29.68	15.84	0.00	0.076	0.017	735.387
L7	P-8	TORY	Top	36.05	19.27	0.00	0.093	-0.030	-877.944
			Bottom	36.05	19.27	0.00	0.093	0.019	894.819
L7	P-8	DX MAX	Top	297.93	94.83	0.05	0.240	3.266	4530.188
			Bottom	297.93	94.83	0.05	0.240	1.789	4198.527
L7	P-8	DX MIN	Top	-297.93	-94.83	-0.05	-0.240	-3.266	-4530.188
			Bottom	-297.93	-94.83	-0.05	-0.240	-1.789	-4198.527

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	P-9	DY MAX	Top	562.77	347.81	0.01	0.136	0.342	15728.885
			Bottom	562.77	347.81	0.01	0.136	0.324	16274.195
L7	P-9	DY MIN	Top	-562.77	-347.81	-0.01	-0.136	-0.342	-15728.885
			Bottom	-562.77	-347.81	-0.01	-0.136	-0.324	-16274.195
L7	P-9	DEAD	Top	-296.55	-3.10	0.00	0.020	-0.004	144.622
			Bottom	-316.10	-3.10	0.00	0.020	0.031	-140.649
L7	P-9	TORX	Top	43.86	29.80	0.00	0.183	-0.067	-1384.794
			Bottom	43.86	29.80	0.00	0.183	0.050	1545.173
L7	P-9	TORY	Top	53.31	36.27	0.00	0.221	-0.084	-1464.928
			Bottom	53.31	36.27	0.00	0.221	0.058	1871.866
L7	P-9	DX MAX	Top	772.68	227.80	0.07	0.630	5.505	10316.668
			Bottom	772.68	227.80	0.07	0.630	3.336	10715.931
L7	P-9	DX MIN	Top	-772.68	-227.80	-0.07	-0.630	-5.505	-10316.668
			Bottom	-772.68	-227.80	-0.07	-0.630	-3.336	-10715.931
L7	P-9	DY MAX	Top	581.19	654.66	0.01	0.462	0.550	27927.662
			Bottom	581.19	654.66	0.01	0.462	0.614	34366.232
L7	P-9	DY MIN	Top	-581.19	-654.66	-0.01	-0.462	-0.550	-27927.662
			Bottom	-581.19	-654.66	-0.01	-0.462	-0.614	-34366.232
L7	P-10	DEAD	Top	-230.48	1.63	0.00	-0.081	0.412	-377.958
			Bottom	-245.72	1.63	0.00	-0.081	0.213	-128.456
L7	P-10	TORX	Top	-3.03	21.87	0.00	0.102	0.021	-949.188
			Bottom	-3.03	21.87	0.00	0.102	-0.010	1063.028
L7	P-10	TORY	Top	-3.83	26.59	0.00	0.124	0.024	-1157.852
			Bottom	-3.83	26.59	0.00	0.124	-0.014	1288.849
L7	P-10	DX MAX	Top	586.32	258.06	0.02	1.886	1.509	11569.861
			Bottom	586.32	258.06	0.02	1.886	2.844	12175.395
L7	P-10	DX MIN	Top	-586.32	-258.06	-0.02	-1.886	-1.509	-11569.861
			Bottom	-586.32	-258.06	-0.02	-1.886	-2.844	-12175.395
L7	P-10	DY MAX	Top	450.08	436.78	0.02	0.299	1.735	19917.373
			Bottom	450.08	436.78	0.02	0.299	0.342	20874.091
L7	P-10	DY MIN	Top	-450.08	-436.78	-0.02	-0.299	-1.735	-19917.373
			Bottom	-450.08	-436.78	-0.02	-0.299	-0.342	-20874.091
L7	12.11	DEAD	Top	-239.55	0.89	0.00	-0.026	0.328	-231.511
			Bottom	-254.78	0.89	0.00	-0.026	0.249	-150.008
L7	12.11	TORX	Top	3.69	30.29	0.00	0.092	0.049	-903.423
			Bottom	3.69	30.29	0.00	0.092	-0.006	963.152
L7	12.11	TORY	Top	4.29	34.66	0.00	0.112	0.056	-1100.747
			Bottom	4.29	34.66	0.00	0.112	-0.010	1149.043
L7	12.11	DX MAX	Top	451.92	427.67	0.01	0.243	1.629	19956.622
			Bottom	451.92	427.67	0.01	0.243	0.433	19886.288
L7	12.11	DX MIN	Top	-451.92	-427.67	-0.01	-0.243	-1.629	-19956.622
			Bottom	-451.92	-427.67	-0.01	-0.243	-0.433	-19886.288
L7	12.11	DY MAX	Top	578.48	253.79	0.03	1.705	2.326	11113.469
			Bottom	578.48	253.79	0.03	1.705	2.935	12280.772

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L7	12.11	DY MIN							
			Top	-578.48	-253.79	-0.03	-1.705	-2.326	-11113.468
			Bottom	-578.48	-253.79	-0.03	-1.705	-2.832	-12260.772
L6	1.1	DEAD							
			Top	-263.84	-2.63	0.00	-0.105	-0.520	324.594
			Bottom	-279.06	-2.63	0.00	-0.105	-0.088	84.835
L6	1.1	TORX							
			Top	9.60	-22.86	0.00	0.106	-0.101	942.451
			Bottom	9.60	-22.86	0.00	0.106	0.049	-1137.780
L6	1.1	TORY							
			Top	11.55	-28.00	0.00	0.130	-0.121	1156.899
			Bottom	11.55	-28.00	0.00	0.130	0.060	-1390.858
L6	1.1	DX MAX							
			Top	519.01	466.70	0.01	0.359	1.068	19802.160
			Bottom	519.01	466.70	0.01	0.359	0.291	23255.571
L6	1.1	DX MIN							
			Top	-519.01	-466.70	-0.01	-0.359	-1.068	-19802.160
			Bottom	-519.01	-466.70	-0.01	-0.359	-0.291	-23255.571
L6	1.1	DY MAX							
			Top	730.27	256.21	0.05	1.516	3.133	11180.346
			Bottom	730.27	256.21	0.05	1.516	3.063	12146.090
L6	1.1	DY MIN							
			Top	-730.27	-256.21	-0.05	-1.516	-3.133	-11180.346
			Bottom	-730.27	-256.21	-0.05	-1.516	-3.063	-12146.090
L6	1.2	DEAD							
			Top	-343.53	3.90	0.00	0.018	-0.015	-184.141
			Bottom	-361.72	3.90	0.00	0.018	-0.008	170.851
L6	1.2	TORX							
			Top	45.04	-26.87	0.00	0.177	-0.043	1129.941
			Bottom	45.04	-26.87	0.00	0.177	-0.017	-1315.569
L6	1.2	TORY							
			Top	54.74	-32.88	0.00	0.216	-0.049	1387.172
			Bottom	54.74	-32.88	0.00	0.216	-0.019	-1604.754
L6	1.2	DX MAX							
			Top	429.53	692.62	0.00	0.136	0.452	29533.725
			Bottom	429.53	692.62	0.00	0.136	0.421	35162.665
L6	1.2	DX MIN							
			Top	-429.53	-692.62	0.00	-0.136	-0.452	-29533.725
			Bottom	-429.53	-692.62	0.00	-0.136	-0.421	-35162.665
L6	1.2	DY MAX							
			Top	818.98	194.21	0.02	0.356	3.684	9836.827
			Bottom	818.98	194.21	0.02	0.356	2.738	8012.872
L6	1.2	DY MIN							
			Top	-818.98	-194.21	-0.02	-0.356	-3.684	-9836.827
			Bottom	-818.98	-194.21	-0.02	-0.356	-2.738	-8012.872
L6	1.3	DEAD							
			Top	-156.04	4.07	0.00	0.000	-0.010	-191.267
			Bottom	-164.57	4.07	0.00	0.000	0.005	178.913
L6	1.3	TORX							
			Top	29.71	-14.27	0.00	0.074	-0.025	634.533
			Bottom	29.71	-14.27	0.00	0.074	0.008	-664.219
L6	1.3	TORY							
			Top	36.10	-17.44	0.00	0.091	-0.029	775.695
			Bottom	36.10	-17.44	0.00	0.091	0.011	-811.740
L6	1.3	DX MAX							
			Top	552.90	388.78	0.00	0.081	0.338	17119.392
			Bottom	552.90	388.78	0.00	0.081	0.326	18264.561
L6	1.3	DX MIN							
			Top	-552.90	-388.78	0.00	-0.081	-0.338	-17119.392
			Bottom	-552.90	-388.78	0.00	-0.081	-0.326	-18264.561
L6	1.3	DY MAX							
			Top	316.23	76.44	0.02	0.109	2.228	3553.927
			Bottom	316.23	76.44	0.02	0.109	1.413	3409.709
L6	1.3	DY MIN							
			Top	-316.23	-76.44	-0.02	-0.109	-2.228	-3553.927
			Bottom	-316.23	-76.44	-0.02	-0.109	-1.413	-3409.709

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	1.4	DEAD							
			Top	-160.64	4.89	0.00	0.000	-0.010	-232.779
			Bottom	-169.46	4.89	0.00	0.000	0.005	211.020
L6	1.4	TORX							
			Top	37.50	-10.69	0.00	0.077	-0.032	474.661
			Bottom	37.50	-10.69	0.00	0.077	0.012	-497.980
L6	1.4	TORY							
			Top	45.58	-13.07	0.00	0.094	-0.026	580.756
			Bottom	45.58	-13.07	0.00	0.094	0.015	-608.689
L6	1.4	DX MAX							
			Top	844.89	299.38	0.00	0.082	0.247	13145.397
			Bottom	844.89	299.38	0.00	0.082	0.372	14112.280
L6	1.4	DX MIN							
			Top	-844.89	-299.38	0.00	-0.082	-0.247	-13145.397
			Bottom	-844.89	-299.38	0.00	-0.082	-0.372	-14112.280
L6	1.4	DY MAX							
			Top	281.94	50.15	0.03	0.144	2.516	2368.617
			Bottom	281.94	50.15	0.03	0.144	1.545	2204.855
L6	1.4	DY MIN							
			Top	-281.94	-50.15	-0.03	-0.144	-2.516	-2368.617
			Bottom	-281.94	-50.15	-0.03	-0.144	-1.545	-2204.855
L6	1.5	DEAD							
			Top	-161.13	4.13	0.00	-0.001	-0.009	-317.699
			Bottom	-170.23	4.13	0.00	-0.001	0.003	58.328
L6	1.5	TORX							
			Top	45.37	-4.38	0.00	0.087	-0.033	218.792
			Bottom	45.37	-4.38	0.00	0.087	0.027	-179.670
L6	1.5	TORY							
			Top	55.09	-5.36	0.00	0.107	-0.040	268.084
			Bottom	55.09	-5.36	0.00	0.107	0.033	-219.782
L6	1.5	DX MAX							
			Top	1153.72	124.72	0.00	0.103	0.234	5952.915
			Bottom	1153.72	124.72	0.00	0.103	0.346	5415.037
L6	1.5	DX MIN							
			Top	-1153.72	-124.72	0.00	-0.103	-0.234	-5952.915
			Bottom	-1153.72	-124.72	0.00	-0.103	-0.346	-5415.037
L6	1.5	DY MAX							
			Top	260.88	18.98	0.02	0.314	2.379	1085.548
			Bottom	260.88	18.98	0.02	0.314	1.515	680.217
L6	1.5	DY MIN							
			Top	-260.88	-18.98	-0.02	-0.314	-2.379	-1085.548
			Bottom	-260.88	-18.98	-0.02	-0.314	-1.515	-680.217
L6	1.11	DEAD							
			Top	-263.18	-0.48	0.00	0.096	-0.496	-199.931
			Bottom	-278.25	-0.48	0.00	0.096	-0.111	-343.215
L6	1.11	TORX							
			Top	-12.85	-23.00	0.00	0.093	0.120	949.967
			Bottom	-12.85	-23.00	0.00	0.093	-0.045	-1143.334
L6	1.11	TORY							
			Top	-15.50	-28.18	0.00	0.114	0.143	1166.278
			Bottom	-15.50	-28.18	0.00	0.114	-0.056	-1397.946
L6	1.11	DX MAX							
			Top	500.09	454.09	0.01	0.354	1.092	19315.677
			Bottom	500.09	454.09	0.01	0.354	0.247	22570.134
L6	1.11	DX MIN							
			Top	-500.09	-454.09	-0.01	-0.354	-1.092	-19315.677
			Bottom	-500.09	-454.09	-0.01	-0.354	-0.247	-22570.134
L6	1.11	DY MAX							
			Top	747.08	296.78	0.06	1.429	3.556	12873.603
			Bottom	747.09	296.78	0.06	1.429	3.168	14149.437
L6	1.11	DY MIN							
			Top	-747.08	-296.78	-0.06	-1.429	-3.556	-12873.603
			Bottom	-747.08	-296.78	-0.06	-1.429	-3.168	-14149.437
L6	12.1	DEAD							
			Top	-268.17	-2.22	0.00	0.096	0.528	328.843
			Bottom	-283.39	-2.22	0.00	0.096	0.106	126.523

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	12.1	TORX							
			Top	-9.38	22.94	0.00	0.106	-0.095	-941.270
			Bottom	-9.38	22.94	0.00	0.106	0.046	1146.189
L6	12.1	TORY							
			Top	-11.29	28.09	0.00	0.130	-0.113	-1155.456
			Bottom	-11.29	28.09	0.00	0.130	0.057	1401.064
L6	12.1	DX MAX							
			Top	482.06	474.90	0.01	0.314	1.355	20010.396
			Bottom	482.06	474.90	0.01	0.314	0.209	23816.013
L6	12.1	DX MIN							
			Top	-482.06	-474.90	-0.01	-0.314	-1.355	-20010.396
			Bottom	-482.06	-474.90	-0.01	-0.314	-0.209	-23816.013
L6	12.1	DY MAX							
			Top	722.58	256.32	0.05	1.433	2.836	11198.989
			Bottom	722.58	256.32	0.05	1.433	3.115	12134.721
L6	12.1	DY MIN							
			Top	-722.58	-256.32	-0.05	-1.433	-2.836	-11198.989
			Bottom	-722.58	-256.32	-0.05	-1.433	-3.115	-12134.721
L6	12.2	DEAD							
			Top	-345.97	3.00	0.00	-0.015	-0.024	-118.477
			Bottom	-365.17	3.00	0.00	-0.015	-0.053	154.885
L6	12.2	TORX							
			Top	-45.34	26.96	0.00	0.175	-0.041	-1123.395
			Bottom	-45.34	26.96	0.00	0.175	-0.045	1330.308
L6	12.2	TORY							
			Top	-55.11	32.99	0.00	0.214	-0.047	-1379.311
			Bottom	-55.11	32.99	0.00	0.214	-0.055	1622.568
L6	12.2	DX MAX							
			Top	502.43	692.09	0.00	0.395	0.396	29257.972
			Bottom	502.43	692.09	0.00	0.395	0.386	35483.967
L6	12.2	DX MIN							
			Top	-502.43	-692.09	0.00	-0.395	-0.396	-29257.972
			Bottom	-502.43	-692.09	0.00	-0.395	-0.386	-35483.967
L6	12.2	DY MAX							
			Top	801.39	194.39	0.02	0.355	3.680	9899.025
			Bottom	801.39	194.39	0.02	0.355	2.695	7941.611
L6	12.2	DY MIN							
			Top	-801.39	-194.39	-0.02	-0.355	-3.680	-9899.025
			Bottom	-801.39	-194.39	-0.02	-0.355	-2.695	-7941.611
L6	12.3	DEAD							
			Top	-156.80	3.17	0.00	0.001	-0.008	-151.103
			Bottom	-165.34	3.17	0.00	0.001	-0.027	136.981
L6	12.3	TORX							
			Top	-30.12	14.34	0.00	0.074	-0.024	-637.166
			Bottom	-30.12	14.34	0.00	0.074	-0.012	668.032
L6	12.3	TORY							
			Top	-36.60	17.53	0.00	0.090	-0.027	-778.938
			Bottom	-36.60	17.53	0.00	0.090	-0.016	816.416
L6	12.3	DX MAX							
			Top	584.90	383.28	0.01	0.082	0.243	16878.243
			Bottom	584.90	383.28	0.01	0.082	0.378	18005.050
L6	12.3	DX MIN							
			Top	-584.90	-383.28	-0.01	-0.082	-0.243	-16878.243
			Bottom	-584.90	-383.28	-0.01	-0.082	-0.378	-18005.050
L6	12.3	DY MAX							
			Top	308.60	77.15	0.02	0.106	2.211	3588.254
			Bottom	308.60	77.15	0.02	0.106	1.177	3439.306
L6	12.3	DY MIN							
			Top	-308.60	-77.15	-0.02	-0.106	-2.211	-3588.254
			Bottom	-308.60	-77.15	-0.02	-0.106	-1.177	-3439.306
L6	12.4	DEAD							
			Top	-160.56	4.16	0.00	0.000	-0.009	-200.056
			Bottom	-169.38	4.16	0.00	0.000	-0.022	178.417
L6	12.4	TORX							
			Top	-38.14	10.74	0.00	0.077	-0.020	-476.400
			Bottom	-38.14	10.74	0.00	0.077	-0.012	500.731

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	12.4	TORY							
			Top	-48.36	13.13	0.00	0.093	-0.024	-582.916
			Bottom	-48.36	13.13	0.00	0.093	-0.017	612.060
L6	12.4	DX MAX							
			Top	869.17	293.89	0.01	0.083	0.263	12901.579
			Bottom	869.17	293.89	0.01	0.083	0.473	13856.871
L6	12.4	DX MIN							
			Top	-869.17	-293.89	-0.01	-0.083	-0.263	-12901.579
			Bottom	-869.17	-293.89	-0.01	-0.083	-0.473	-13856.871
L6	12.4	DY MAX							
			Top	276.13	51.17	0.02	0.142	2.497	2417.678
			Bottom	276.13	51.17	0.02	0.142	1.139	2247.459
L6	12.4	DY MIN							
			Top	-276.13	-51.17	-0.02	-0.142	-2.497	-2417.678
			Bottom	-276.13	-51.17	-0.02	-0.142	-1.139	-2247.459
L6	12.5	DEAD							
			Top	-161.25	3.89	0.00	0.001	-0.009	-303.331
			Bottom	-170.35	3.89	0.00	0.001	-0.017	50.862
L6	12.5	TORX							
			Top	-46.28	4.41	0.00	0.089	-0.033	-219.559
			Bottom	-46.28	4.41	0.00	0.089	0.004	181.912
L6	12.5	TORY							
			Top	-56.20	5.40	0.00	0.108	-0.039	-269.049
			Bottom	-56.20	5.40	0.00	0.108	0.003	222.571
L6	12.5	DX MAX							
			Top	1178.78	122.80	0.01	0.088	0.239	5847.670
			Bottom	1178.78	122.80	0.01	0.088	0.463	5345.745
L6	12.5	DX MIN							
			Top	-1178.78	-122.80	-0.01	-0.088	-0.239	-5847.670
			Bottom	-1178.78	-122.80	-0.01	-0.088	-0.463	-5345.745
L6	12.5	DY MAX							
			Top	256.57	19.50	0.02	0.274	2.371	1113.907
			Bottom	256.57	19.50	0.02	0.274	1.116	691.149
L6	12.5	DY MIN							
			Top	-256.57	-19.50	-0.02	-0.274	-2.371	-1113.907
			Bottom	-256.57	-19.50	-0.02	-0.274	-1.116	-691.149
L6	A-1	DEAD							
			Top	-265.11	-3.41	0.00	-0.103	-0.560	329.127
			Bottom	-280.33	-3.41	0.00	-0.103	-0.137	18.153
L6	A-1	TORX							
			Top	2.20	-24.76	0.00	0.121	-0.085	1021.492
			Bottom	2.20	-24.76	0.00	0.121	0.021	-1231.231
L6	A-1	TORY							
			Top	2.57	-30.32	0.00	0.148	-0.100	1254.516
			Bottom	2.57	-30.32	0.00	0.148	0.025	-1504.869
L6	A-1	DX MAX							
			Top	713.74	298.65	0.05	1.254	3.169	13017.750
			Bottom	713.74	298.65	0.05	1.254	3.120	14167.603
L6	A-1	DX MIN							
			Top	-713.74	-298.65	-0.05	-1.254	-3.169	-13017.750
			Bottom	-713.74	-298.65	-0.05	-1.254	-3.120	-14167.603
L6	A-1	DY MAX							
			Top	521.23	430.39	0.01	0.445	1.096	18447.537
			Bottom	521.23	430.39	0.01	0.445	0.259	21341.188
L6	A-1	DY MIN							
			Top	-521.23	-430.39	-0.01	-0.445	-1.096	-18447.537
			Bottom	-521.23	-430.39	-0.01	-0.445	-0.259	-21341.188
L6	A-2	DEAD							
			Top	-339.88	3.79	0.00	0.018	-0.004	-276.302
			Bottom	-349.07	3.79	0.00	0.018	0.010	68.621
L6	A-2	TORX							
			Top	42.43	-32.22	0.00	0.173	-0.037	1351.239
			Bottom	42.43	-32.22	0.00	0.173	-0.035	-1580.413
L6	A-2	TORY							
			Top	51.55	-39.42	0.00	0.211	-0.043	1659.501
			Bottom	51.55	-39.42	0.00	0.211	-0.044	-1927.907

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	A-2	DX MAX							
			Top	878.23	250.83	0.01	0.650	3.842	12431.020
			Bottom	878.23	250.83	0.01	0.650	2.751	10464.230
L6	A-2	DX MIN							
			Top	-878.23	-250.83	-0.01	-0.650	-3.842	-12431.020
			Bottom	-878.23	-250.83	-0.01	-0.650	-2.751	-10464.230
L6	A-2	DY MAX							
			Top	404.39	651.87	0.01	0.226	0.391	27966.520
			Bottom	404.39	651.87	0.01	0.226	0.475	33104.905
L6	A-2	DY MIN							
			Top	-404.39	-651.87	-0.01	-0.226	-0.391	-27966.520
			Bottom	-404.39	-651.87	-0.01	-0.226	-0.475	-33104.905
L6	A-3	DEAD							
			Top	-144.35	6.64	0.00	0.000	-0.005	-320.849
			Bottom	-151.88	6.64	0.00	0.000	0.013	293.026
L6	A-3	TORX							
			Top	31.71	-18.56	0.00	0.074	-0.020	822.923
			Bottom	31.71	-18.56	0.00	0.074	-0.010	-865.689
L6	A-3	TORY							
			Top	38.52	-22.68	0.00	0.090	-0.024	1005.960
			Bottom	38.52	-22.68	0.00	0.090	-0.014	-1057.937
L6	A-3	DX MAX							
			Top	376.76	115.86	0.01	0.109	2.217	5323.282
			Bottom	376.76	115.86	0.01	0.109	1.094	5222.103
L6	A-3	DX MIN							
			Top	-376.76	-115.86	-0.01	-0.109	-2.217	-5323.282
			Bottom	-376.76	-115.86	-0.01	-0.109	-1.094	-5222.103
L6	A-3	DY MAX							
			Top	536.01	386.74	0.01	0.136	0.195	16998.745
			Bottom	536.01	386.74	0.01	0.136	0.455	18199.163
L6	A-3	DY MIN							
			Top	-536.01	-386.74	-0.01	-0.136	-0.195	-16998.745
			Bottom	-536.01	-386.74	-0.01	-0.136	-0.455	-18199.163
L6	A-4	DEAD							
			Top	-142.47	8.55	0.00	0.000	-0.004	-427.657
			Bottom	-151.28	8.55	0.00	0.000	0.012	350.045
L6	A-4	TORX							
			Top	42.44	-14.81	0.00	0.077	-0.017	664.046
			Bottom	42.44	-14.81	0.00	0.077	-0.011	-693.333
L6	A-4	TORY							
			Top	51.59	-18.10	0.00	0.093	-0.020	812.072
			Bottom	51.59	-18.10	0.00	0.093	-0.017	-835.007
L6	A-4	DX MAX							
			Top	368.57	84.39	0.02	0.079	2.320	3962.845
			Bottom	368.57	84.39	0.02	0.079	1.106	3718.981
L6	A-4	DX MIN							
			Top	-368.57	-84.39	-0.02	-0.079	-2.320	-3962.845
			Bottom	-368.57	-84.39	-0.02	-0.079	-1.106	-3718.981
L6	A-4	DY MAX							
			Top	823.22	310.90	0.01	0.139	0.200	13773.373
			Bottom	823.22	310.90	0.01	0.139	0.660	14528.088
L6	A-4	DY MIN							
			Top	-823.22	-310.90	-0.01	-0.139	-0.200	-13773.373
			Bottom	-823.22	-310.90	-0.01	-0.139	-0.660	-14528.088
L6	A-5	DEAD							
			Top	-133.10	6.97	0.00	-0.001	-0.003	-443.538
			Bottom	-143.20	6.97	0.00	-0.001	0.010	190.813
L6	A-5	TORX							
			Top	50.50	-6.84	0.00	0.089	-0.030	333.607
			Bottom	50.50	-6.84	0.00	0.089	0.004	-228.878
L6	A-5	TORY							
			Top	61.34	-8.36	0.00	0.109	-0.036	408.189
			Bottom	61.34	-8.36	0.00	0.109	0.004	-352.984
L6	A-5	DX MAX							
			Top	349.95	37.04	0.01	0.113	2.025	1998.447
			Bottom	349.95	37.04	0.01	0.113	1.148	1380.026

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	A-5	DX MIN							
			Top	-349.95	-37.04	-0.01	-0.113	-2.025	-1998.447
			Bottom	-349.95	-37.04	-0.01	-0.113	-1.148	-1380.026
L6	A-5	DY MAX							
			Top	1081.56	143.49	0.01	0.176	0.181	6758.495
			Bottom	1081.56	143.49	0.01	0.176	0.756	6307.390
L6	A-5	DY MIN							
			Top	-1081.56	-143.49	-0.01	-0.176	-0.181	-6758.495
			Bottom	-1081.56	-143.49	-0.01	-0.176	-0.756	-6307.390
L6	P-1	DEAD							
			Top	-277.53	-4.18	0.00	0.092	0.548	396.842
			Bottom	-292.75	-4.18	0.00	0.092	0.143	16.785
L6	P-1	TORX							
			Top	-5.14	23.86	0.00	0.114	-0.089	-953.526
			Bottom	-5.14	23.86	0.00	0.114	0.029	1217.650
L6	P-1	TORY							
			Top	-6.15	29.23	0.00	0.140	-0.105	-1171.994
			Bottom	-6.15	29.23	0.00	0.140	0.035	1488.337
L6	P-1	DX MAX							
			Top	743.52	281.33	0.05	1.355	3.164	13167.834
			Bottom	743.52	281.33	0.05	1.355	3.129	13450.476
L6	P-1	DX MIN							
			Top	-743.52	-281.33	-0.05	-1.355	-3.164	-13167.834
			Bottom	-743.52	-281.33	-0.05	-1.355	-3.129	-13450.476
L6	P-1	DY MAX							
			Top	422.12	445.77	0.01	0.338	1.317	18600.590
			Bottom	422.12	445.77	0.01	0.338	0.269	22698.944
L6	P-1	DY MIN							
			Top	-422.12	-445.77	-0.01	-0.338	-1.317	-18600.590
			Bottom	-422.12	-445.77	-0.01	-0.338	-0.269	-22698.944
L6	P-2	DEAD							
			Top	-345.99	4.13	0.00	-0.016	-0.011	-341.975
			Bottom	-365.18	4.13	0.00	-0.016	-0.025	33.718
L6	P-2	TORX							
			Top	-51.95	31.99	0.00	0.171	-0.036	-1300.410
			Bottom	-51.95	31.99	0.00	0.171	-0.047	1610.300
L6	P-2	TORY							
			Top	-63.10	39.13	0.00	0.207	-0.041	-1597.394
			Bottom	-63.10	39.13	0.00	0.207	-0.060	1963.796
L6	P-2	DX MAX							
			Top	933.60	238.54	0.02	0.657	3.980	11869.677
			Bottom	933.60	238.54	0.02	0.657	2.851	9931.550
L6	P-2	DX MIN							
			Top	-933.60	-238.54	-0.02	-0.657	-3.980	-11869.677
			Bottom	-933.60	-238.54	-0.02	-0.657	-2.851	-9931.550
L6	P-2	DY MAX							
			Top	683.03	680.58	0.00	0.479	0.366	28044.375
			Bottom	683.03	680.58	0.00	0.479	0.358	35634.442
L6	P-2	DY MIN							
			Top	-683.03	-680.58	0.00	-0.479	-0.366	-28044.375
			Bottom	-683.03	-680.58	0.00	-0.479	-0.358	-35634.442
L6	P-3	DEAD							
			Top	-142.67	2.11	0.00	0.001	-0.003	-91.126
			Bottom	-151.20	2.11	0.00	0.001	-0.015	108.842
L6	P-3	TORX							
			Top	-35.26	20.59	0.00	0.073	-0.017	-930.837
			Bottom	-35.26	20.59	0.00	0.073	-0.022	942.853
L6	P-3	TORY							
			Top	-42.82	25.13	0.00	0.089	-0.020	-1136.101
			Bottom	-42.82	25.13	0.00	0.089	-0.031	1151.088
L6	P-3	DX MAX							
			Top	379.50	123.93	0.01	0.104	2.201	5785.203
			Bottom	379.50	123.93	0.01	0.104	1.175	5494.173
L6	P-3	DX MIN							
			Top	-379.50	-123.93	-0.01	-0.104	-2.201	-5785.203
			Bottom	-379.50	-123.93	-0.01	-0.104	-1.175	-5494.173

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	P-3	DY MAX							
			Top	653.45	441.91	0.00	0.134	0.200	19836.691
			Bottom	653.45	441.91	0.00	0.134	0.282	20378.485
L6	P-3	DY MIN							
			Top	-653.45	-441.91	0.00	-0.134	-0.200	-19836.691
			Bottom	-653.45	-441.91	0.00	-0.134	-0.282	-20378.485
L6	P-4	DEAD							
			Top	-138.01	3.54	0.00	0.000	-0.003	-320.508
			Bottom	-146.82	3.54	0.00	0.000	-0.010	101.589
L6	P-4	TORX							
			Top	-31.58	16.63	0.00	0.077	-0.016	-775.604
			Bottom	-31.58	16.63	0.00	0.077	-0.026	737.915
L6	P-4	TORY							
			Top	-38.41	20.31	0.00	0.094	-0.019	-946.979
			Bottom	-38.41	20.31	0.00	0.094	-0.037	900.787
L6	P-4	DX MAX							
			Top	263.46	93.35	0.02	0.149	2.495	4605.560
			Bottom	263.46	93.35	0.02	0.149	1.133	3884.865
L6	P-4	DX MIN							
			Top	-263.46	-93.35	-0.02	-0.149	-2.495	-4605.560
			Bottom	-263.46	-93.35	-0.02	-0.149	-1.133	-3884.865
L6	P-4	DY MAX							
			Top	634.74	359.93	0.00	0.140	0.219	16538.597
			Bottom	634.74	359.93	0.00	0.140	0.353	16214.446
L6	P-4	DY MIN							
			Top	-634.74	-359.93	0.00	-0.140	-0.219	-16538.597
			Bottom	-634.74	-359.93	0.00	-0.140	-0.353	-16214.446
L6	P-5	DEAD							
			Top	-144.14	8.93	0.00	0.000	-0.003	-118.569
			Bottom	-153.34	8.93	0.00	0.000	-0.006	-34.332
L6	P-5	TORX							
			Top	-44.91	4.92	0.00	0.090	-0.030	-214.118
			Bottom	-44.91	4.92	0.00	0.090	-0.008	233.386
L6	P-5	TORY							
			Top	-54.54	6.03	0.00	0.110	-0.036	-262.909
			Bottom	-54.54	6.03	0.00	0.110	-0.014	285.382
L6	P-5	DX MAX							
			Top	282.29	21.33	0.02	0.101	2.529	1020.472
			Bottom	282.29	21.33	0.02	0.101	1.103	927.777
L6	P-5	DX MIN							
			Top	-282.29	-21.33	-0.02	-0.101	-2.529	-1020.472
			Bottom	-282.29	-21.33	-0.02	-0.101	-1.103	-927.777
L6	P-5	DY MAX							
			Top	1605.36	112.85	0.00	0.162	0.231	4865.694
			Bottom	1605.36	112.85	0.00	0.162	0.345	5455.130
L6	P-5	DY MIN							
			Top	-1605.36	-112.85	0.00	-0.162	-0.231	-4865.694
			Bottom	-1605.36	-112.85	0.00	-0.162	-0.345	-5455.130
L6	1.6	DEAD							
			Top	-162.31	-3.98	0.00	0.001	-0.006	311.713
			Bottom	-171.41	-3.98	0.00	0.001	0.007	-10.308
L6	1.6	TORX							
			Top	-46.38	-4.45	0.00	0.088	0.040	333.523
			Bottom	-46.38	-4.45	0.00	0.088	-0.008	-182.089
L6	1.6	TORY							
			Top	-56.32	-5.44	0.00	0.108	0.048	373.647
			Bottom	-56.32	-5.44	0.00	0.108	-0.009	-222.743
L6	1.6	DX MAX							
			Top	1133.85	122.82	0.00	0.110	0.225	5841.444
			Bottom	1133.85	122.82	0.00	0.110	0.297	5353.746
L6	1.6	DX MIN							
			Top	-1133.85	-122.82	0.00	-0.110	-0.225	-5841.444
			Bottom	-1133.85	-122.82	0.00	-0.110	-0.297	-5353.746
L6	1.6	DY MAX							
			Top	384.63	27.14	0.02	0.172	2.530	1521.232
			Bottom	384.63	27.14	0.02	0.172	1.517	964.003

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	1.6	DY MIN							
			Top	-384.63	-27.14	-0.02	-0.172	-2.530	-1521.232
			Bottom	-384.63	-27.14	-0.02	-0.172	-1.517	-964.003
L6	1.7	DEAD							
			Top	-165.61	-4.75	0.00	0.000	-0.007	230.755
			Bottom	-174.57	-4.75	0.00	0.000	0.010	-201.113
L6	1.7	TORX							
			Top	-39.15	-10.99	0.00	0.078	0.028	488.608
			Bottom	-39.15	-10.99	0.00	0.078	0.009	-511.317
L6	1.7	TORY							
			Top	-47.59	-13.44	0.00	0.095	0.033	598.071
			Bottom	-47.59	-13.44	0.00	0.095	0.011	-624.974
L6	1.7	DX MAX							
			Top	837.05	296.66	0.00	0.082	0.241	13013.960
			Bottom	837.05	296.66	0.00	0.082	0.330	13998.366
L6	1.7	DX MIN							
			Top	-837.05	-296.66	0.00	-0.082	-0.241	-13013.960
			Bottom	-837.05	-296.66	0.00	-0.082	-0.330	-13998.366
L6	1.7	DY MAX							
			Top	391.80	73.23	0.03	0.173	2.665	3417.273
			Bottom	391.80	73.23	0.03	0.173	1.523	3250.317
L6	1.7	DY MIN							
			Top	-391.80	-73.23	-0.03	-0.173	-2.665	-3417.273
			Bottom	-391.80	-73.23	-0.03	-0.173	-1.523	-3250.317
L6	1.8	DEAD							
			Top	-157.47	-4.42	0.00	0.000	-0.007	308.257
			Bottom	-165.86	-4.42	0.00	0.000	0.012	-194.223
L6	1.8	TORX							
			Top	-30.44	-14.45	0.00	0.073	0.030	643.616
			Bottom	-30.44	-14.45	0.00	0.073	0.010	-671.152
L6	1.8	TORY							
			Top	-37.00	-17.66	0.00	0.089	0.036	786.758
			Bottom	-37.00	-17.66	0.00	0.089	0.012	-820.310
L6	1.8	DX MAX							
			Top	529.14	376.23	0.00	0.076	0.217	16580.905
			Bottom	529.14	376.23	0.00	0.076	0.269	17660.358
L6	1.8	DX MIN							
			Top	-529.14	-376.23	0.00	-0.076	-0.217	-16580.905
			Bottom	-529.14	-376.23	0.00	-0.076	-0.269	-17660.358
L6	1.8	DY MAX							
			Top	392.68	107.24	0.02	0.183	2.320	4940.475
			Bottom	392.68	107.24	0.02	0.183	1.333	4820.817
L6	1.8	DY MIN							
			Top	-392.68	-107.24	-0.02	-0.183	-2.320	-4940.475
			Bottom	-392.68	-107.24	-0.02	-0.183	-1.333	-4820.817
L6	1.9	DEAD							
			Top	-354.61	-6.56	0.00	-0.020	-0.008	310.905
			Bottom	-373.95	-6.56	0.00	-0.020	-0.001	-285.971
L6	1.9	TORX							
			Top	-48.76	-27.79	0.00	0.178	0.057	1174.375
			Bottom	-48.76	-27.79	0.00	0.178	0.050	-1354.306
L6	1.9	TORY							
			Top	-59.27	-34.00	0.00	0.218	0.066	1441.594
			Bottom	-59.27	-34.00	0.00	0.218	0.060	-1652.053
L6	1.9	DX MAX							
			Top	417.36	678.08	0.00	0.173	0.404	28818.116
			Bottom	417.36	678.08	0.00	0.173	0.271	34675.955
L6	1.9	DX MIN							
			Top	-417.36	-678.08	0.00	-0.173	-0.404	-28818.116
			Bottom	-417.36	-678.08	0.00	-0.173	-0.271	-34675.955
L6	1.9	DY MAX							
			Top	944.66	253.38	0.02	0.812	3.976	12461.140
			Bottom	944.66	253.38	0.02	0.812	2.885	10684.977
L6	1.9	DY MIN							
			Top	-944.66	-253.38	-0.02	-0.812	-3.976	-12461.140
			Bottom	-944.66	-253.38	-0.02	-0.812	-2.885	-10684.977

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	12.6	DEAD	Top	-153.67	-3.34	0.00	-0.001	-0.006	279.057
			Bottom	-162.77	-3.34	0.00	-0.001	-0.012	-25.106
L6	12.6	TORX	Top	46.90	4.49	0.00	0.089	0.040	-223.192
			Bottom	46.90	4.49	0.00	0.089	0.011	185.498
L6	12.6	TORY	Top	56.96	5.50	0.00	0.109	0.047	-273.520
			Bottom	56.96	5.50	0.00	0.109	0.016	226.980
L6	12.6	DX MAX	Top	1168.50	122.31	0.00	0.089	0.232	5807.658
			Bottom	1168.50	122.31	0.00	0.089	0.455	5341.786
L6	12.6	DX MIN	Top	-1168.50	-122.31	0.00	-0.089	-0.232	-5807.658
			Bottom	-1168.50	-122.31	0.00	-0.089	-0.455	-5341.786
L6	12.6	DY MAX	Top	353.55	24.30	0.02	0.129	2.522	1354.173
			Bottom	353.55	24.30	0.02	0.129	1.128	873.089
L6	12.6	DY MIN	Top	-353.55	-24.30	-0.02	-0.129	-2.522	-1354.173
			Bottom	-353.55	-24.30	-0.02	-0.129	-1.128	-873.089
L6	12.7	DEAD	Top	-158.17	-2.82	0.00	-0.001	-0.006	146.341
			Bottom	-167.13	-2.82	0.00	-0.001	-0.016	-110.058
L6	12.7	TORX	Top	39.19	11.08	0.00	0.077	0.027	-491.662
			Bottom	39.19	11.08	0.00	0.077	0.028	514.849
L6	12.7	TORY	Top	47.65	13.55	0.00	0.095	0.031	-601.657
			Bottom	47.65	13.55	0.00	0.095	0.037	631.800
L6	12.7	DX MAX	Top	869.61	295.42	0.01	0.083	0.233	12959.098
			Bottom	869.61	295.42	0.01	0.083	0.468	13940.867
L6	12.7	DX MIN	Top	-869.61	-295.42	-0.01	-0.083	-0.233	-12959.098
			Bottom	-869.61	-295.42	-0.01	-0.083	-0.468	-13940.867
L6	12.7	DY MAX	Top	357.10	65.58	0.02	0.168	2.648	3050.082
			Bottom	357.10	65.58	0.02	0.168	1.148	2921.406
L6	12.7	DY MIN	Top	-357.10	-65.58	-0.02	-0.168	-2.648	-3050.082
			Bottom	-357.10	-65.58	-0.02	-0.168	-1.148	-2921.406
L6	12.8	DEAD	Top	-152.65	-1.41	0.00	-0.001	-0.005	77.587
			Bottom	-161.04	-1.41	0.00	-0.001	-0.019	-50.785
L6	12.8	TORX	Top	29.79	14.59	0.00	0.072	0.029	-648.054
			Bottom	29.79	14.59	0.00	0.072	0.023	679.588
L6	12.8	TORY	Top	36.20	17.83	0.00	0.088	0.034	-793.273
			Bottom	36.20	17.83	0.00	0.088	0.030	830.816
L6	12.8	DX MAX	Top	562.36	377.89	0.00	0.079	0.309	16646.408
			Bottom	562.36	377.89	0.00	0.079	0.372	17746.150
L6	12.8	DX MIN	Top	-562.36	-377.89	0.00	-0.079	-0.309	-16646.408
			Bottom	-562.36	-377.89	0.00	-0.079	-0.372	-17746.150
L6	12.8	DY MAX	Top	355.35	96.30	0.02	0.175	2.308	4424.475
			Bottom	355.35	96.30	0.02	0.175	1.156	4341.035
L6	12.8	DY MIN	Top	-355.35	-96.30	-0.02	-0.175	-2.308	-4424.475
			Bottom	-355.35	-96.30	-0.02	-0.175	-1.156	-4341.035
L6	12.9	DEAD	Top	-352.65	-0.91	0.00	0.015	-0.014	77.033
			Bottom	-371.99	-0.91	0.00	0.015	-0.032	-8.000

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	12.9	TORX	Top	45.07	27.72	0.00	0.174	0.058	-1157.991
			Bottom	45.07	27.72	0.00	0.174	0.056	1364.895
L6	12.9	TORY	Top	54.78	33.92	0.00	0.211	0.067	-1421.690
			Bottom	54.78	33.92	0.00	0.211	0.069	1664.837
L6	12.9	DX MAX	Top	475.39	689.96	0.00	0.376	0.384	29145.935
			Bottom	475.39	689.96	0.00	0.376	0.451	35505.356
L6	12.9	DX MIN	Top	-475.39	-689.96	0.00	-0.376	-0.384	-29145.935
			Bottom	-475.39	-689.96	0.00	-0.376	-0.451	-35505.356
L6	12.9	DY MAX	Top	850.03	227.03	0.02	0.755	3.982	11090.018
			Bottom	850.03	227.03	0.02	0.755	2.911	9644.891
L6	12.9	DY MIN	Top	-850.03	-227.03	-0.02	-0.755	-3.982	-11090.018
			Bottom	-850.03	-227.03	-0.02	-0.755	-2.911	-9644.891
L6	A-6	DEAD	Top	-164.45	-4.33	0.00	0.001	-0.002	331.544
			Bottom	-173.55	-4.33	0.00	0.001	0.017	-72.243
L6	A-6	TORX	Top	-51.04	-5.30	0.00	0.088	0.029	261.408
			Bottom	-51.04	-5.30	0.00	0.088	-0.030	-220.920
L6	A-6	TORY	Top	-61.96	-6.49	0.00	0.107	0.035	320.361
			Bottom	-61.96	-6.49	0.00	0.107	-0.037	-270.328
L6	A-6	DX MAX	Top	288.25	19.33	0.02	0.203	2.390	1116.109
			Bottom	288.25	19.33	0.02	0.203	1.160	673.711
L6	A-6	DX MIN	Top	-288.25	-19.33	-0.02	-0.203	-2.390	-1116.109
			Bottom	-288.25	-19.33	-0.02	-0.203	-1.160	-673.711
L6	A-6	DY MAX	Top	1120.02	114.97	0.01	0.181	0.244	5480.390
			Bottom	1120.02	114.97	0.01	0.181	0.890	4996.640
L6	A-6	DY MIN	Top	-1120.02	-114.97	-0.01	-0.181	-0.244	-5480.390
			Bottom	-1120.02	-114.97	-0.01	-0.181	-0.890	-4996.640
L6	A-7	DEAD	Top	-165.14	-5.35	0.00	0.000	-0.002	251.517
			Bottom	-174.10	-5.35	0.00	0.000	0.022	-235.571
L6	A-7	TORX	Top	-41.75	-12.91	0.00	0.078	0.017	571.457
			Bottom	-41.75	-12.91	0.00	0.078	-0.014	-603.359
L6	A-7	TORY	Top	-50.74	-15.79	0.00	0.095	0.020	699.303
			Bottom	-50.74	-15.79	0.00	0.095	-0.017	-737.523
L6	A-7	DX MAX	Top	310.95	53.29	0.02	0.097	2.552	2531.450
			Bottom	310.95	53.29	0.02	0.097	1.231	2336.270
L6	A-7	DX MIN	Top	-310.95	-53.29	-0.02	-0.097	-2.552	-2531.450
			Bottom	-310.95	-53.29	-0.02	-0.097	-1.231	-2336.270
L6	A-7	DY MAX	Top	826.82	278.68	0.01	0.145	0.250	12213.376
			Bottom	826.82	278.68	0.01	0.145	0.962	13165.870
L6	A-7	DY MIN	Top	-826.82	-278.68	-0.01	-0.145	-0.250	-12213.376
			Bottom	-826.82	-278.68	-0.01	-0.145	-0.962	-13165.870
L6	A-8	DEAD	Top	-155.33	-4.57	0.00	0.000	-0.002	213.203
			Bottom	-163.72	-4.57	0.00	0.000	0.023	-202.325
L6	A-8	TORX	Top	-30.51	-16.70	0.00	0.073	0.019	740.704
			Bottom	-30.51	-16.70	0.00	0.073	-0.011	-779.243

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	A-8	TORY	Top	-37.07	-20.42	0.00	0.089	0.023	905.571
			Bottom	-37.07	-20.42	0.00	0.089	-0.013	-953.386
L6	A-8	DX MAX	Top	331.60	81.43	0.02	0.057	2.231	3778.142
			Bottom	331.60	81.43	0.02	0.057	1.241	3636.934
L6	A-8	DX MIN	Top	-331.60	-81.43	-0.02	-0.057	-2.231	-3778.142
			Bottom	-331.60	-81.43	-0.02	-0.057	-1.241	-3636.934
L6	A-8	DY MAX	Top	524.48	355.17	0.01	0.136	0.223	15627.866
			Bottom	524.48	355.17	0.01	0.136	0.800	16697.636
L6	A-8	DY MIN	Top	-524.48	-355.17	-0.01	-0.136	-0.223	-15627.866
			Bottom	-524.48	-355.17	-0.01	-0.136	-0.800	-16697.636
L6	A-9	DEAD	Top	-347.49	-5.33	0.00	-0.014	0.003	176.315
			Bottom	-366.82	-5.33	0.00	-0.016	0.038	-308.953
L6	A-9	TORX	Top	-42.29	-31.24	0.00	0.177	0.034	1301.615
			Bottom	-42.29	-31.24	0.00	0.177	0.008	-1541.302
L6	A-9	TORY	Top	-51.40	-38.23	0.00	0.216	0.039	1598.908
			Bottom	-51.40	-38.23	0.00	0.216	0.009	-1879.681
L6	A-9	DX MAX	Top	854.54	210.17	0.02	0.438	3.836	10599.059
			Bottom	854.54	210.17	0.02	0.438	2.902	8661.994
L6	A-9	DX MIN	Top	-854.54	-210.17	-0.02	-0.438	-3.836	-10599.059
			Bottom	-854.54	-210.17	-0.02	-0.438	-2.902	-8661.994
L6	A-9	DY MAX	Top	408.59	640.32	0.01	0.216	0.442	27416.689
			Bottom	408.59	640.32	0.01	0.216	1.056	32701.387
L6	A-9	DY MIN	Top	-408.59	-640.32	-0.01	-0.216	-0.442	-27416.689
			Bottom	-408.59	-640.32	-0.01	-0.216	-1.056	-32701.387
L6	A-10	DEAD	Top	-263.33	1.67	0.01	0.104	-0.554	-309.996
			Bottom	-278.40	1.67	0.01	0.104	-0.698	-158.159
L6	A-10	TORX	Top	-1.62	-24.33	0.00	0.119	0.084	1005.870
			Bottom	-1.62	-24.33	0.00	0.119	-0.031	-1268.296
L6	A-10	TORY	Top	-1.88	-29.80	0.00	0.146	0.100	1235.192
			Bottom	-1.88	-29.80	0.00	0.146	-0.038	-1476.806
L6	A-10	DX MAX	Top	725.70	274.42	0.05	1.494	3.111	12001.438
			Bottom	725.70	274.42	0.05	1.494	3.247	12983.972
L6	A-10	DX MIN	Top	-725.70	-274.42	-0.05	-1.494	-3.111	-12001.438
			Bottom	-725.70	-274.42	-0.05	-1.494	-3.247	-12983.972
L6	A-10	DY MAX	Top	523.57	427.51	0.01	0.441	1.152	18268.532
			Bottom	523.57	427.51	0.01	0.441	0.484	21218.221
L6	A-10	DY MIN	Top	-523.57	-427.51	-0.01	-0.441	-1.152	-18268.532
			Bottom	-523.57	-427.51	-0.01	-0.441	-0.484	-21218.221
L6	P-6	DEAD	Top	-159.75	-4.23	0.00	-0.001	-0.001	316.382
			Bottom	-168.85	-4.23	0.00	-0.001	-0.012	-68.664
L6	P-6	TORX	Top	54.70	5.12	0.00	0.088	0.029	-251.592
			Bottom	54.70	5.12	0.00	0.088	-0.026	213.874
L6	P-6	TORY	Top	66.40	6.27	0.00	0.107	0.035	-308.504
			Bottom	66.40	6.27	0.00	0.107	0.032	261.763

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	P-6	DX MAX	Top	291.02	22.75	0.02	0.203	2.389	1288.617
			Bottom	291.02	22.75	0.02	0.203	1.225	800.295
L6	P-6	DX MIN	Top	-291.02	-22.75	-0.02	-0.203	-2.389	-1288.617
			Bottom	-291.02	-22.75	-0.02	-0.203	-1.225	-800.295
L6	P-6	DY MAX	Top	1233.65	117.70	0.01	0.150	0.251	5601.231
			Bottom	1233.65	117.70	0.01	0.150	0.698	5126.066
L6	P-6	DY MIN	Top	-1233.65	-117.70	-0.01	-0.150	-0.251	-5601.231
			Bottom	-1233.65	-117.70	-0.01	-0.150	-0.698	-5126.066
L6	P-7	DEAD	Top	-160.95	-4.91	0.00	-0.001	0.000	234.070
			Bottom	-169.91	-4.91	0.00	-0.001	-0.017	-212.969
L6	P-7	TORX	Top	44.71	12.65	0.00	0.078	0.017	-557.403
			Bottom	44.71	12.65	0.00	0.078	-0.011	593.706
L6	P-7	TORY	Top	54.34	15.48	0.00	0.095	0.019	-682.384
			Bottom	54.34	15.48	0.00	0.095	-0.013	725.889
L6	P-7	DX MAX	Top	311.77	60.95	0.02	0.096	2.551	2879.920
			Bottom	311.77	60.95	0.02	0.096	1.317	2673.234
L6	P-7	DX MIN	Top	-311.77	-60.95	-0.02	-0.096	-2.551	-2879.920
			Bottom	-311.77	-60.95	-0.02	-0.096	-1.317	-2673.234
L6	P-7	DY MAX	Top	924.39	287.50	0.01	0.140	0.286	13586.384
			Bottom	924.39	287.50	0.01	0.140	0.758	13596.722
L6	P-7	DY MIN	Top	-924.39	-287.50	-0.01	-0.140	-0.286	-13586.384
			Bottom	-924.39	-287.50	-0.01	-0.140	-0.758	-13596.722
L6	P-8	DEAD	Top	-151.55	-3.80	0.00	-0.001	0.001	177.753
			Bottom	-159.94	-3.80	0.00	-0.001	-0.022	-167.600
L6	P-8	TORX	Top	33.06	16.64	0.00	0.073	0.019	-735.914
			Bottom	33.06	16.64	0.00	0.073	-0.010	778.318
L6	P-8	TORY	Top	40.17	20.35	0.00	0.089	0.023	-900.003
			Bottom	40.17	20.35	0.00	0.089	-0.013	951.504
L6	P-8	DX MAX	Top	327.35	91.01	0.02	0.055	2.329	4209.197
			Bottom	327.35	91.01	0.02	0.055	1.305	4076.750
L6	P-8	DX MIN	Top	-327.35	-91.01	-0.02	-0.055	-2.329	-4209.197
			Bottom	-327.35	-91.01	-0.02	-0.055	-1.305	-4076.750
L6	P-8	DY MAX	Top	613.27	372.07	0.01	0.137	0.258	16375.296
			Bottom	613.27	372.07	0.01	0.137	0.639	17488.816
L6	P-8	DY MIN	Top	-613.27	-372.07	-0.01	-0.137	-0.258	-16375.296
			Bottom	-613.27	-372.07	-0.01	-0.137	-0.639	-17488.816
L6	P-9	DEAD	Top	-341.13	-2.52	0.00	0.019	-0.006	98.138
			Bottom	-360.46	-2.52	0.00	0.019	-0.038	-131.170
L6	P-9	TORX	Top	45.58	31.24	0.00	0.177	0.034	-1260.909
			Bottom	45.58	31.24	0.00	0.177	0.005	1581.619
L6	P-9	TORY	Top	55.41	38.24	0.00	0.216	0.039	-1550.320
			Bottom	55.41	38.24	0.00	0.216	0.005	1929.519
L6	P-9	DX MAX	Top	933.69	226.37	0.02	0.439	3.841	11426.420
			Bottom	933.69	226.37	0.02	0.439	2.956	9291.372

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L6	P-9	DX MIN	Top	-833.69	-226.37	-0.02	-0.439	-3.841	-11426.420
			Bottom	-833.69	-226.37	-0.02	-0.439	-2.956	-9291.372
L6	P-9	DY MAX	Top	559.93	688.39	0.01	0.551	0.399	28994.141
			Bottom	559.93	688.39	0.01	0.551	0.749	35643.272
L6	P-9	DY MIN	Top	-559.93	-688.39	-0.01	-0.551	-0.399	-28994.141
			Bottom	-559.93	-688.39	-0.01	-0.551	-0.749	-35643.272
L6	P-10	DEAD	Top	-263.37	3.82	-0.01	-0.120	0.573	-397.462
			Bottom	-278.44	3.82	-0.01	-0.120	0.081	-49.639
L6	P-10	TORX	Top	-0.46	24.45	0.00	0.114	0.094	-889.833
			Bottom	-0.46	24.45	0.00	0.114	-0.036	1235.453
L6	P-10	TORY	Top	-0.65	29.96	0.00	0.140	0.112	-1216.399
			Bottom	-0.65	29.96	0.00	0.140	-0.044	1510.415
L6	P-10	DX MAX	Top	707.25	282.81	0.05	1.352	2.990	12385.218
			Bottom	707.25	282.81	0.05	1.352	3.104	13357.455
L6	P-10	DX MIN	Top	-707.25	-282.81	-0.05	-1.352	-2.990	-12385.218
			Bottom	-707.25	-282.81	-0.05	-1.352	-3.104	-13357.455
L6	P-10	DY MAX	Top	500.08	469.69	0.02	0.344	1.549	19770.165
			Bottom	500.08	469.69	0.02	0.344	0.299	23610.943
L6	P-10	DY MIN	Top	-500.08	-469.69	-0.02	-0.344	-1.549	-19770.165
			Bottom	-500.08	-469.69	-0.02	-0.344	-0.299	-23610.943
L6	12.11	DEAD	Top	-275.03	2.78	0.00	-0.092	0.550	-331.622
			Bottom	-290.10	2.78	0.00	-0.092	0.143	-78.669
L6	12.11	TORX	Top	7.87	22.71	0.00	0.103	0.115	-933.521
			Bottom	7.87	22.71	0.00	0.103	-0.037	1133.089
L6	12.11	TORY	Top	9.44	27.82	0.00	0.126	0.137	-1146.108
			Bottom	9.44	27.82	0.00	0.126	-0.045	1385.246
L6	12.11	DX MAX	Top	505.72	461.28	0.01	0.289	1.369	19495.077
			Bottom	505.72	461.28	0.01	0.289	0.244	23083.907
L6	12.11	DX MIN	Top	-505.72	-461.28	-0.01	-0.289	-1.369	-19495.077
			Bottom	-505.72	-461.28	-0.01	-0.289	-0.244	-23083.907
L6	12.11	DY MAX	Top	674.12	273.74	0.05	1.185	3.339	11825.203
			Bottom	674.12	273.74	0.05	1.185	3.056	13098.750
L6	12.11	DY MIN	Top	-674.12	-273.74	-0.05	-1.185	-3.339	-11825.203
			Bottom	-674.12	-273.74	-0.05	-1.185	-3.056	-13098.750
L5	1.1	DEAD	Top	-296.19	3.21	0.00	-0.115	-0.527	319.083
			Bottom	-314.91	3.21	0.00	-0.115	-0.204	578.491
L5	1.1	TORX	Top	24.48	-28.22	0.00	0.137	-0.063	1256.516
			Bottom	24.48	-28.22	0.00	0.137	-0.411	-1804.192
L5	1.1	TORY	Top	29.82	-34.57	0.00	0.167	-0.076	1540.774
			Bottom	29.82	-34.57	0.00	0.167	-0.502	-2330.654
L5	1.1	DX MAX	Top	493.94	577.67	0.02	0.589	0.689	24188.864
			Bottom	493.94	577.67	0.02	0.589	1.714	40852.356
L5	1.1	DX MIN	Top	-493.94	-577.67	-0.02	-0.589	-0.689	-24188.864
			Bottom	-493.94	-577.67	-0.02	-0.589	-1.714	-40852.356

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	1.1	DY MAX	Top	972.61	310.56	0.06	0.662	2.411	16191.699
			Bottom	972.61	310.56	0.06	0.662	8.361	18621.640
L5	1.1	DY MIN	Top	-972.61	-310.56	-0.06	-0.662	-2.411	-16191.699
			Bottom	-972.61	-310.56	-0.06	-0.662	-8.361	-18621.640
L5	1.2	DEAD	Top	-387.74	6.64	0.00	0.011	-0.019	-259.926
			Bottom	-411.36	6.64	0.00	0.011	-0.179	483.505
L5	1.2	TORX	Top	48.19	-32.56	0.00	0.159	-0.084	1065.726
			Bottom	48.19	-32.56	0.00	0.159	-0.451	-2580.492
L5	1.2	TORY	Top	58.60	-39.86	0.00	0.194	-0.102	1307.521
			Bottom	58.60	-39.86	0.00	0.194	-0.553	-3156.398
L5	1.2	DX MAX	Top	425.30	850.67	0.01	0.222	0.398	27437.498
			Bottom	425.30	850.67	0.01	0.222	1.430	69020.435
L5	1.2	DX MIN	Top	-425.30	-850.67	-0.01	-0.222	-0.398	-27437.498
			Bottom	-425.30	-850.67	-0.01	-0.222	-1.430	-69020.435
L5	1.2	DY MAX	Top	881.79	222.82	0.09	0.699	3.332	10126.765
			Bottom	881.79	222.82	0.09	0.699	12.521	15073.324
L5	1.2	DY MIN	Top	-881.79	-222.82	-0.09	-0.699	-3.332	-10126.765
			Bottom	-881.79	-222.82	-0.09	-0.699	-12.521	-15073.324
L5	1.3	DEAD	Top	-179.71	4.49	0.00	-0.001	-0.010	-226.967
			Bottom	-190.21	4.49	0.00	-0.001	-0.076	275.953
L5	1.3	TORX	Top	33.70	-11.57	0.00	0.071	-0.028	599.009
			Bottom	33.70	-11.57	0.00	0.071	-0.207	-696.494
L5	1.3	TORY	Top	40.98	-14.16	0.00	0.087	-0.034	733.306
			Bottom	40.98	-14.16	0.00	0.087	-0.253	-852.292
L5	1.3	DX MAX	Top	628.93	325.53	0.01	0.085	0.204	16665.903
			Bottom	628.93	325.53	0.01	0.085	1.027	19801.781
L5	1.3	DX MIN	Top	-628.93	-325.53	-0.01	-0.085	-0.204	-16665.903
			Bottom	-628.93	-325.53	-0.01	-0.085	-1.027	-19801.781
L5	1.3	DY MAX	Top	345.51	61.17	0.06	0.189	1.385	3319.749
			Bottom	345.51	61.17	0.06	0.189	7.087	3537.945
L5	1.3	DY MIN	Top	-345.51	-61.17	-0.06	-0.189	-1.385	-3319.749
			Bottom	-345.51	-61.17	-0.06	-0.189	-7.087	-3537.945
L5	1.4	DEAD	Top	-187.47	4.87	0.00	-0.001	-0.009	-250.332
			Bottom	-198.32	4.87	0.00	-0.001	-0.078	294.584
L5	1.4	TORX	Top	41.99	-8.84	0.00	0.074	-0.024	439.464
			Bottom	41.99	-8.84	0.00	0.074	-0.195	-550.953
L5	1.4	TORY	Top	51.06	-10.83	0.00	0.090	-0.029	538.267
			Bottom	51.06	-10.83	0.00	0.090	-0.239	-674.251
L5	1.4	DX MAX	Top	950.89	257.23	0.01	0.083	0.210	12642.036
			Bottom	950.89	257.23	0.01	0.083	1.188	16184.071
L5	1.4	DX MIN	Top	-950.89	-257.23	-0.01	-0.083	-0.210	-12642.036
			Bottom	-950.89	-257.23	-0.01	-0.083	-1.188	-16184.071
L5	1.4	DY MAX	Top	310.43	39.13	0.06	0.175	1.388	2093.936
			Bottom	310.43	39.13	0.06	0.175	7.871	2301.133

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	1.4	DY MIN	Top	-310.43	-39.13	-0.06	-0.175	-1.388	-2093.936
			Bottom	-310.43	-39.13	-0.06	-0.175	-7.871	-2301.133
L5	1.5	DEAD	Top	-188.27	2.82	0.00	0.002	-0.010	-306.186
			Bottom	-199.47	2.82	0.00	0.002	-0.072	9.895
L5	1.5	TORX	Top	54.12	-3.93	0.00	0.091	-0.040	201.504
			Bottom	54.12	-3.93	0.00	0.091	-0.144	-239.164
L5	1.5	TORY	Top	65.80	-4.82	0.00	0.112	-0.048	246.795
			Bottom	65.80	-4.82	0.00	0.112	-0.177	-292.997
L5	1.5	DX MAX	Top	1376.78	117.86	0.01	0.101	0.194	5671.854
			Bottom	1376.78	117.86	0.01	0.101	1.164	7533.801
L5	1.5	DX MIN	Top	-1376.78	-117.86	-0.01	-0.101	-0.194	-5671.854
			Bottom	-1376.78	-117.86	-0.01	-0.101	-1.164	-7533.801
L5	1.5	DY MAX	Top	294.31	14.63	0.06	0.287	1.442	952.246
			Bottom	294.31	14.63	0.06	0.287	7.530	771.259
L5	1.5	DY MIN	Top	-294.31	-14.63	-0.06	-0.287	-1.442	-952.246
			Bottom	-294.31	-14.63	-0.06	-0.287	-7.530	-771.259
L5	1.11	DEAD	Top	-297.00	-7.98	0.00	0.106	-0.525	30.246
			Bottom	-315.55	-7.98	0.00	0.106	-0.090	-863.065
L5	1.11	TORX	Top	-27.79	-28.94	0.00	0.141	0.077	1292.801
			Bottom	-27.79	-28.94	0.00	0.141	0.373	-1948.731
L5	1.11	TORY	Top	-33.87	-35.45	0.00	0.173	0.094	1585.461
			Bottom	-33.87	-35.45	0.00	0.173	0.455	-2385.454
L5	1.11	DX MAX	Top	467.83	552.65	0.01	0.572	0.783	23216.500
			Bottom	467.83	552.65	0.01	0.572	1.494	39024.866
L5	1.11	DX MIN	Top	-467.83	-552.65	-0.01	-0.572	-0.783	-23216.500
			Bottom	-467.83	-552.65	-0.01	-0.572	-1.494	-39024.866
L5	1.11	DY MAX	Top	1015.14	368.27	0.05	0.262	2.649	18907.645
			Bottom	1015.14	368.27	0.05	0.262	8.303	22380.762
L5	1.11	DY MIN	Top	-1015.14	-368.27	-0.05	-0.262	-2.649	-18907.645
			Bottom	-1015.14	-368.27	-0.05	-0.262	-8.303	-22380.762
L5	12.1	DEAD	Top	-301.56	1.30	0.00	0.124	0.486	291.344
			Bottom	-320.28	1.30	0.00	0.124	0.131	436.781
L5	12.1	TORX	Top	-24.48	28.23	0.00	0.143	-0.069	-1252.265
			Bottom	-24.48	28.23	0.00	0.143	-0.383	1909.967
L5	12.1	TORY	Top	-29.85	34.58	0.00	0.176	-0.083	-1535.639
			Bottom	-29.85	34.58	0.00	0.176	-0.467	2337.610
L5	12.1	DX MAX	Top	430.65	589.19	0.02	0.659	0.906	24549.340
			Bottom	430.65	589.19	0.02	0.659	2.176	41784.321
L5	12.1	DX MIN	Top	-430.65	-589.19	-0.02	-0.659	-0.906	-24549.340
			Bottom	-430.65	-589.19	-0.02	-0.659	-2.176	-41784.321
L5	12.1	DY MAX	Top	966.58	305.34	0.06	0.539	2.336	16007.765
			Bottom	966.58	305.34	0.06	0.539	8.206	18924.121
L5	12.1	DY MIN	Top	-966.58	-305.34	-0.06	-0.539	-2.336	-16007.765
			Bottom	-966.58	-305.34	-0.06	-0.539	-8.206	-18924.121

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	12.2	DEAD	Top	-391.82	3.72	0.00	-0.014	-0.051	-126.727
			Bottom	-415.44	3.72	0.00	-0.014	0.103	290.133
L5	12.2	TORX	Top	-48.43	32.37	0.00	0.164	-0.092	-1051.927
			Bottom	-48.43	32.37	0.00	0.164	-0.356	2573.211
L5	12.2	TORY	Top	-58.89	39.63	0.00	0.201	-0.113	-1290.705
			Bottom	-58.89	39.63	0.00	0.201	-0.429	3147.138
L5	12.2	DX MAX	Top	508.21	837.16	0.02	0.275	0.353	27014.891
			Bottom	508.21	837.16	0.02	0.275	2.289	68019.203
L5	12.2	DX MIN	Top	-508.21	-837.16	-0.02	-0.275	-0.353	-27014.891
			Bottom	-508.21	-837.16	-0.02	-0.275	-2.289	-68019.203
L5	12.2	DY MAX	Top	860.98	219.99	0.08	0.425	3.371	9994.066
			Bottom	860.98	219.99	0.08	0.425	11.518	14876.978
L5	12.2	DY MIN	Top	-860.98	-219.99	-0.08	-0.425	-3.371	-9994.066
			Bottom	-860.98	-219.99	-0.08	-0.425	-11.518	-14876.978
L5	12.3	DEAD	Top	-180.17	3.02	0.00	-0.002	-0.020	-155.086
			Bottom	-190.67	3.02	0.00	-0.002	0.026	183.161
L5	12.3	TORX	Top	-34.06	11.58	0.00	0.072	-0.035	-599.036
			Bottom	-34.06	11.58	0.00	0.072	-0.140	697.631
L5	12.3	TORY	Top	-41.42	14.17	0.00	0.089	-0.044	-733.394
			Bottom	-41.42	14.17	0.00	0.089	-0.165	853.713
L5	12.3	DX MAX	Top	660.66	315.87	0.01	0.082	0.165	16202.691
			Bottom	660.66	315.87	0.01	0.082	1.622	19182.943
L5	12.3	DX MIN	Top	-660.66	-315.87	-0.01	-0.082	-0.165	-16202.691
			Bottom	-660.66	-315.87	-0.01	-0.082	-1.622	-19182.943
L5	12.3	DY MAX	Top	336.89	61.52	0.05	0.168	1.369	3340.418
			Bottom	336.89	61.52	0.05	0.168	6.221	3554.214
L5	12.3	DY MIN	Top	-336.89	-61.52	-0.05	-0.168	-1.369	-3340.418
			Bottom	-336.89	-61.52	-0.05	-0.168	-6.221	-3556.214
L5	12.4	DEAD	Top	-186.91	3.87	0.00	-0.002	-0.018	-198.112
			Bottom	-197.76	3.87	0.00	-0.002	0.009	235.581
L5	12.4	TORX	Top	-42.70	8.88	0.00	0.074	-0.033	-439.791
			Bottom	-42.70	8.88	0.00	0.074	-0.115	554.605
L5	12.4	TORY	Top	-51.93	10.87	0.00	0.090	-0.041	-538.820
			Bottom	-51.93	10.87	0.00	0.090	-0.133	679.002
L5	12.4	DX MAX	Top	972.34	248.39	0.02	0.085	0.188	12210.254
			Bottom	972.34	248.39	0.02	0.085	1.947	15626.426
L5	12.4	DX MIN	Top	-972.34	-248.39	-0.02	-0.085	-0.188	-12210.254
			Bottom	-972.34	-248.39	-0.02	-0.085	-1.947	-15626.426
L5	12.4	DY MAX	Top	304.09	39.96	0.05	0.163	1.330	2138.603
			Bottom	304.09	39.96	0.05	0.163	6.700	2347.906
L5	12.4	DY MIN	Top	-304.09	-39.96	-0.05	-0.163	-1.330	-2138.603
			Bottom	-304.09	-39.96	-0.05	-0.163	-6.700	-2347.906
L5	12.5	DEAD	Top	-187.63	2.33	0.00	-0.002	-0.014	-281.684
			Bottom	-198.83	2.33	0.00	-0.002	-0.007	10.854

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LS	12.5	TORX	Top	-55.03	3.88	0.00	0.087	-0.046	-200.124
			Bottom	-55.03	3.88	0.00	0.087	-0.066	234.809
LS	12.5	TORY	Top	-66.92	4.76	0.00	0.107	-0.056	-245.150
			Bottom	-66.92	4.76	0.00	0.107	-0.073	287.607
LS	12.5	DX MAX	Top	1392.67	112.45	0.02	0.155	0.164	5447.595
			Bottom	1392.67	112.45	0.02	0.155	1.908	7152.256
LS	12.5	DX MIN	Top	-1392.67	-112.45	-0.02	-0.155	-0.164	-5447.595
			Bottom	-1392.67	-112.45	-0.02	-0.155	-1.908	-7152.256
LS	12.5	DY MAX	Top	291.79	15.13	0.05	0.266	1.407	977.342
			Bottom	291.79	15.13	0.05	0.266	6.264	781.217
LS	12.5	DY MIN	Top	-291.79	-15.13	-0.05	-0.266	-1.407	-977.342
			Bottom	-291.79	-15.13	-0.05	-0.266	-6.264	-781.217
LS	A-1	DEAD	Top	-297.97	0.40	0.00	-0.125	-0.531	277.855
			Bottom	-316.69	0.40	0.00	-0.125	-0.147	332.951
LS	A-1	TORX	Top	14.33	-30.67	0.00	0.148	-0.051	1326.490
			Bottom	14.33	-30.67	0.00	0.148	-0.343	-2108.438
LS	A-1	TORY	Top	17.48	-37.57	0.00	0.182	-0.062	1627.025
			Bottom	17.48	-37.57	0.00	0.182	-0.415	-2580.873
LS	A-1	DX MAX	Top	981.73	359.85	0.06	0.279	2.636	18558.353
			Bottom	981.73	359.85	0.06	0.279	8.591	21780.273
LS	A-1	DX MIN	Top	-981.73	-359.85	-0.06	-0.279	-2.636	-18558.353
			Bottom	-981.73	-359.85	-0.06	-0.279	-8.591	-21780.273
LS	A-1	DY MAX	Top	497.05	538.49	0.01	0.545	0.757	23507.852
			Bottom	497.05	538.49	0.01	0.545	1.601	38182.057
LS	A-1	DY MIN	Top	-497.05	-538.49	-0.01	-0.545	-0.757	-23507.852
			Bottom	-497.05	-538.49	-0.01	-0.545	-1.601	-38182.057
LS	A-2	DEAD	Top	-372.66	4.79	0.00	0.008	0.007	-310.946
			Bottom	-396.29	4.79	0.00	0.008	-0.136	225.842
LS	A-2	TORX	Top	44.24	-38.69	0.00	0.186	-0.071	1253.090
			Bottom	44.24	-38.69	0.00	0.186	-0.297	-3080.198
LS	A-2	TORY	Top	53.77	-47.37	0.00	0.204	-0.087	1537.985
			Bottom	53.77	-47.37	0.00	0.204	-0.352	-3767.988
LS	A-2	DX MAX	Top	936.79	396.18	0.08	0.329	3.650	12866.866
			Bottom	936.79	396.18	0.08	0.329	11.851	20392.197
LS	A-2	DX MIN	Top	-936.79	-396.18	-0.08	-0.329	-3.650	-12866.866
			Bottom	-936.79	-396.18	-0.08	-0.329	-11.851	-20392.197
LS	A-2	DY MAX	Top	377.98	790.68	0.02	0.358	0.407	26000.348
			Bottom	377.98	790.68	0.02	0.358	1.859	43790.520
LS	A-2	DY MIN	Top	-377.98	-790.68	-0.02	-0.358	-0.407	-26000.348
			Bottom	-377.98	-790.68	-0.02	-0.358	-1.859	-43790.520
LS	A-3	DEAD	Top	-164.57	5.91	0.00	0.000	0.002	-335.547
			Bottom	-175.07	5.91	0.00	0.000	-0.054	336.010
LS	A-3	TORX	Top	34.76	-15.24	0.00	0.073	-0.027	780.112
			Bottom	34.76	-15.24	0.00	0.073	-0.105	-917.045

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LS	A-3	TORY	Top	42.27	-18.66	0.00	0.089	-0.034	967.201
			Bottom	42.27	-18.66	0.00	0.089	-0.118	-1123.197
LS	A-3	DX MAX	Top	404.76	96.92	0.05	0.077	1.502	5186.552
			Bottom	404.76	96.92	0.05	0.077	6.438	5670.214
LS	A-3	DX MIN	Top	-404.76	-96.92	-0.05	-0.077	-1.502	-5186.552
			Bottom	-404.76	-96.92	-0.05	-0.077	-6.438	-5670.214
LS	A-3	DY MAX	Top	568.15	323.94	0.01	0.152	0.219	16674.153
			Bottom	568.15	323.94	0.01	0.152	1.525	19613.200
LS	A-3	DY MIN	Top	-568.15	-323.94	-0.01	-0.152	-0.219	-16674.153
			Bottom	-568.15	-323.94	-0.01	-0.152	-1.525	-19613.200
LS	A-4	DEAD	Top	-169.11	9.28	0.00	0.000	0.002	-460.567
			Bottom	-179.96	9.28	0.00	0.000	-0.051	578.694
LS	A-4	TORX	Top	47.80	-13.47	0.00	0.074	-0.024	653.463
			Bottom	47.80	-13.47	0.00	0.074	-0.075	-855.470
LS	A-4	TORY	Top	58.14	-16.49	0.00	0.091	-0.031	799.860
			Bottom	58.14	-16.49	0.00	0.091	-0.080	-1046.615
LS	A-4	DX MAX	Top	408.92	75.92	0.05	0.086	1.510	3871.205
			Bottom	408.92	75.92	0.05	0.086	7.115	4635.205
LS	A-4	DX MIN	Top	-408.92	-75.92	-0.05	-0.086	-1.510	-3871.205
			Bottom	-408.92	-75.92	-0.05	-0.086	-7.115	-4635.205
LS	A-4	DY MAX	Top	918.82	292.32	0.02	0.164	0.281	14001.245
			Bottom	918.82	292.32	0.02	0.164	2.174	18750.478
LS	A-4	DY MIN	Top	-918.82	-292.32	-0.02	-0.164	-0.281	-14001.245
			Bottom	-918.82	-292.32	-0.02	-0.164	-2.174	-18750.478
LS	A-5	DEAD	Top	-164.55	3.46	0.00	0.001	0.001	-368.882
			Bottom	-175.75	3.46	0.00	0.001	-0.048	18.709
LS	A-5	TORX	Top	63.58	-5.26	0.00	0.085	-0.036	284.981
			Bottom	63.58	-5.26	0.00	0.085	-0.029	-304.632
LS	A-5	TORY	Top	77.33	-6.45	0.00	0.104	-0.044	348.897
			Bottom	77.33	-6.45	0.00	0.104	-0.032	-373.193
LS	A-5	DX MAX	Top	417.61	25.64	0.05	0.405	1.620	1687.396
			Bottom	417.61	25.64	0.05	0.405	7.156	1204.644
LS	A-5	DX MIN	Top	-417.61	-25.64	-0.05	-0.405	-1.620	-1687.396
			Bottom	-417.61	-25.64	-0.05	-0.405	-7.156	-1204.644
LS	A-5	DY MAX	Top	1337.95	116.77	0.03	0.154	0.325	6052.582
			Bottom	1337.95	116.77	0.03	0.154	2.740	7030.622
LS	A-5	DY MIN	Top	-1337.95	-116.77	-0.03	-0.154	-0.325	-6052.582
			Bottom	-1337.95	-116.77	-0.03	-0.154	-2.740	-7030.622
LS	P-1	DEAD	Top	-311.35	-1.08	0.00	0.121	0.519	371.441
			Bottom	-330.08	-1.08	0.00	0.121	0.150	250.333
LS	P-1	TORX	Top	-17.45	30.28	0.00	0.148	-0.051	-1296.054
			Bottom	-17.45	30.28	0.00	0.148	-0.340	2094.823
LS	P-1	TORY	Top	-21.29	37.09	0.00	0.181	-0.062	-1589.805
			Bottom	-21.29	37.09	0.00	0.181	-0.413	2563.896

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LS	P-1	DX MAX	Top	1008.02	345.72	0.06	0.263	2.599	17921.810
			Bottom	1008.02	345.72	0.06	0.263	8.560	20838.457
LS	P-1	DX MIN	Top	-1008.02	-345.72	-0.06	-0.263	-2.599	-17921.810
			Bottom	-1008.02	-345.72	-0.06	-0.263	-8.560	-20838.457
LS	P-1	DY MAX	Top	388.24	563.63	0.02	0.714	0.865	23149.867
			Bottom	388.24	563.63	0.02	0.714	1.914	40365.635
LS	P-1	DY MIN	Top	-388.24	-563.63	-0.02	-0.714	-0.865	-23149.867
			Bottom	-388.24	-563.63	-0.02	-0.714	-1.914	-40365.635
LS	P-2	DEAD	Top	-389.80	-0.34	0.00	-0.014	-0.024	-85.848
			Bottom	-413.43	-0.34	0.00	-0.014	0.115	-124.459
LS	P-2	TORX	Top	-52.34	38.93	0.00	0.174	-0.074	-1247.997
			Bottom	-52.34	38.93	0.00	0.174	-0.257	3111.689
LS	P-2	TORY	Top	-63.60	47.65	0.00	0.215	-0.091	-1531.183
			Bottom	-63.60	47.65	0.00	0.215	-0.299	3805.148
LS	P-2	DX MAX	Top	978.05	282.88	0.08	0.303	3.660	12557.647
			Bottom	978.05	282.88	0.08	0.303	11.596	19249.751
LS	P-2	DX MIN	Top	-978.05	-282.88	-0.08	-0.303	-3.660	-12557.647
			Bottom	-978.05	-282.88	-0.08	-0.303	-11.596	-19249.751
LS	P-2	DY MAX	Top	638.77	829.76	0.01	0.401	0.364	26553.524
			Bottom	638.77	829.76	0.01	0.401	1.649	47537.732
LS	P-2	DY MIN	Top	-638.77	-829.76	-0.01	-0.401	-0.364	-26553.524
			Bottom	-638.77	-829.76	-0.01	-0.401	-1.649	-47537.732
LS	P-3	DEAD	Top	-167.16	1.97	0.00	-0.002	-0.007	-133.388
			Bottom	-177.67	1.97	0.00	-0.002	0.033	98.860
LS	P-3	TORX	Top	-37.14	15.86	0.00	0.074	-0.032	-832.998
			Bottom	-37.14	15.86	0.00	0.074	-0.084	943.035
LS	P-3	TORY	Top	-45.15	19.39	0.00	0.090	-0.040	-1018.676
			Bottom	-45.15	19.39	0.00	0.090	-0.065	1153.074
LS	P-3	DX MAX	Top	396.91	97.82	0.04	0.067	1.552	5330.537
			Bottom	396.91	97.82	0.04	0.067	6.147	5627.663
LS	P-3	DX MIN	Top	-396.91	-97.82	-0.04	-0.067	-1.552	-5330.537
			Bottom	-396.91	-97.82	-0.04	-0.067	-6.147	-5627.663
LS	P-3	DY MAX	Top	669.58	339.73	0.01	0.142	0.170	17703.234
			Bottom	669.58	339.73	0.01	0.142	1.171	20347.931
LS	P-3	DY MIN	Top	-669.58	-339.73	-0.01	-0.142	-0.170	-17703.234
			Bottom	-669.58	-339.73	-0.01	-0.142	-1.171	-20347.931
LS	P-4	DEAD	Top	-166.23	1.45	0.00	-0.002	-0.005	-74.218
			Bottom	-177.08	1.45	0.00	-0.002	0.018	88.210
LS	P-4	TORX	Top	-40.76	12.17	0.00	0.075	-0.030	-611.300
			Bottom	-40.76	12.17	0.00	0.075	-0.023	751.368
LS	P-4	TORY	Top	-49.58	14.89	0.00	0.092	-0.039	-748.050
			Bottom	-49.58	14.89	0.00	0.092	-0.012	919.140
LS	P-4	DX MAX	Top	330.44	65.19	0.05	0.062	1.480	3472.651
			Bottom	330.44	65.19	0.05	0.062	6.576	3832.260

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LS	P-4	DX MIN	Top	-330.44	-65.19	-0.05	-0.062	-1.480	-3472.855
			Bottom	-330.44	-65.19	-0.05	-0.062	-6.576	-3832.260
LS	P-4	DY MAX	Top	813.74	267.36	0.01	0.146	0.181	13316.653
			Bottom	813.74	267.36	0.01	0.146	1.399	16635.848
LS	P-4	DY MIN	Top	-813.74	-267.36	-0.01	-0.146	-0.181	-13316.653
			Bottom	-813.74	-267.36	-0.01	-0.146	-1.399	-16635.848
LS	P-5	DEAD	Top	-167.27	1.50	0.00	-0.002	-0.002	-233.268
			Bottom	-178.47	1.50	0.00	-0.002	0.004	-65.635
LS	P-5	TORX	Top	-56.20	5.27	0.00	0.082	-0.040	-265.233
			Bottom	-56.20	5.27	0.00	0.082	0.022	324.507
LS	P-5	TORY	Top	-68.36	6.45	0.00	0.100	-0.051	-324.695
			Bottom	-68.36	6.45	0.00	0.100	0.042	397.193
LS	P-5	DX MAX	Top	334.03	23.93	0.04	0.411	1.558	1490.460
			Bottom	334.03	23.93	0.04	0.411	6.105	1213.517
LS	P-5	DX MIN	Top	-334.03	-23.93	-0.04	-0.411	-1.558	-1490.460
			Bottom	-334.03	-23.93	-0.04	-0.411	-6.105	-1213.517
LS	P-5	DY MAX	Top	1229.77	119.71	0.01	0.175	0.177	5764.005
			Bottom	1229.77	119.71	0.01	0.175	1.380	7647.626
LS	P-5	DY MIN	Top	-1229.77	-119.71	-0.01	-0.175	-0.177	-5764.005
			Bottom	-1229.77	-119.71	-0.01	-0.175	-1.380	-7647.626
LS	1.6	DEAD	Top	-198.70	-2.27	0.00	-0.004	-0.007	284.221
			Bottom	-199.90	-2.27	0.00	-0.004	-0.067	30.183
LS	1.6	TORX	Top	-55.28	-3.98	0.00	0.088	0.046	205.332
			Bottom	-55.28	-3.98	0.00	0.088	0.094	-240.732
LS	1.6	TORY	Top	-67.21	-4.88	0.00	0.108	0.057	251.479
			Bottom	-67.21	-4.88	0.00	0.108	0.113	-294.930
LS	1.6	DX MAX	Top	1352.71	116.02	0.01	0.076	0.171	5565.680
			Bottom	1352.71	116.02	0.01	0.076	1.296	7433.143
LS	1.6	DX MIN	Top	-1352.71	-116.02	-0.01	-0.076	-0.171	-5565.680
			Bottom	-1352.71	-116.02	-0.01	-0.076	-1.296	-7433.143
LS	1.6	DY MAX	Top	435.30	21.82	0.06	0.473	1.566	1391.575
			Bottom	435.30	21.82	0.06	0.473	7.311	1084.194
LS	1.6	DY MIN	Top	-435.30	-21.82	-0.06	-0.473	-1.566	-1391.575
			Bottom	-435.30	-21.82	-0.06	-0.473	-7.311	-1084.194
LS	1.7	DEAD	Top	-193.03	-4.07	0.00	-0.001	-0.005	216.975
			Bottom	-204.05	-4.07	0.00	-0.001	-0.076	-239.399
LS	1.7	TORX	Top	-43.77	-9.14	0.00	0.075	0.033	451.429
			Bottom	-43.77	-9.14	0.00	0.075	0.144	-571.687
LS	1.7	TORY	Top	-53.23	-11.19	0.00	0.091	0.041	554.137
			Bottom	-53.23	-11.19	0.00	0.091	0.174	-699.609
LS	1.7	DX MAX	Top	938.63	256.06	0.01	0.089	0.176	12493.406
			Bottom	938.63	256.06	0.01	0.089	1.344	16203.053
LS	1.7	DX MIN	Top	938.63	-256.06	-0.01	-0.089	0.176	-12493.406
			Bottom	938.63	-256.06	-0.01	-0.089	1.344	-16203.053

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	1.7	DY MAX							
			Top	433.52	59.60	0.06	0.141	1.498	3123.240
			Bottom	433.52	59.60	0.06	0.141	7.555	3557.254
L5	1.7	DY MIN							
			Top	-433.52	-59.60	-0.06	-0.141	-1.498	-3123.240
			Bottom	-433.52	-59.60	-0.06	-0.141	-7.555	-3557.254
L5	1.8	DEAD							
			Top	-192.03	-4.24	0.00	-0.001	-0.002	222.360
			Bottom	-192.35	-4.24	0.00	-0.001	-0.079	-253.812
L5	1.8	TORX							
			Top	-34.46	-11.61	0.00	0.070	0.036	604.679
			Bottom	-34.46	-11.61	0.00	0.070	0.158	-695.421
L5	1.8	TORY							
			Top	-41.91	-14.21	0.00	0.086	0.043	740.207
			Bottom	-41.91	-14.21	0.00	0.086	0.191	-850.969
L5	1.8	DX MAX							
			Top	597.59	310.77	0.01	0.090	0.165	15987.263
			Bottom	597.59	310.77	0.01	0.090	1.115	18826.656
L5	1.8	DX MIN							
			Top	-597.59	-310.77	-0.01	-0.090	-0.165	-15987.263
			Bottom	-597.59	-310.77	-0.01	-0.090	-1.115	-18826.656
L5	1.8	DY MAX							
			Top	429.71	87.29	0.05	0.132	1.466	4685.283
			Bottom	429.71	87.29	0.05	0.132	6.479	5092.418
L5	1.8	DY MIN							
			Top	-429.71	-87.29	-0.05	-0.132	-1.466	-4685.283
			Bottom	-429.71	-87.29	-0.05	-0.132	-6.479	-5092.418
L5	1.9	DEAD							
			Top	-403.01	-11.37	0.00	0.005	-0.006	416.366
			Bottom	-426.02	-11.37	0.00	0.005	-0.147	-857.633
L5	1.9	TORX							
			Top	-52.24	-33.45	0.00	0.162	0.098	1097.769
			Bottom	-52.24	-33.45	0.00	0.162	0.376	-2648.589
L5	1.9	TORY							
			Top	-63.53	-40.95	0.00	0.198	0.119	1346.823
			Bottom	-63.53	-40.95	0.00	0.198	0.459	-3239.784
L5	1.9	DX MAX							
			Top	409.36	818.50	0.01	0.305	0.373	36195.371
			Bottom	409.36	818.50	0.01	0.305	1.466	66783.582
L5	1.9	DX MIN							
			Top	-409.36	-818.50	-0.01	-0.305	-0.373	-36195.371
			Bottom	-409.36	-818.50	-0.01	-0.305	-1.466	-66783.582
L5	1.9	DY MAX							
			Top	1011.69	296.95	0.08	0.615	3.660	12847.135
			Bottom	1011.69	296.95	0.08	0.615	11.505	20518.835
L5	1.9	DY MIN							
			Top	-1011.69	-296.95	-0.08	-0.615	-3.660	-12847.135
			Bottom	-1011.69	-296.95	-0.08	-0.615	-11.505	-20518.835
L5	12.6	DEAD							
			Top	-178.81	-1.75	0.00	0.000	-0.011	252.752
			Bottom	-190.01	-1.75	0.00	0.000	-0.008	56.451
L5	12.6	TORX							
			Top	55.85	3.96	0.00	0.085	0.052	-204.944
			Bottom	55.85	3.96	0.00	0.085	0.028	238.362
L5	12.6	TORY							
			Top	67.92	4.85	0.00	0.103	0.064	-251.077
			Bottom	67.92	4.85	0.00	0.103	0.033	291.862
L5	12.6	DX MAX							
			Top	1381.60	111.89	0.01	0.134	0.211	5422.269
			Bottom	1381.60	111.89	0.01	0.134	1.501	7115.752
L5	12.6	DX MIN							
			Top	-1381.60	-111.89	-0.01	-0.134	-0.211	-5422.269
			Bottom	-1381.60	-111.89	-0.01	-0.134	-1.501	-7115.752
L5	12.6	DY MAX							
			Top	398.52	19.15	0.04	0.438	1.572	1233.395
			Bottom	398.52	19.15	0.04	0.438	5.472	947.119

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	12.6	DY MIN							
			Top	-398.52	-19.15	-0.04	-0.438	-1.572	-1233.395
			Bottom	-398.52	-19.15	-0.04	-0.438	-5.472	-947.119
L5	12.7	DEAD							
			Top	-183.95	-2.32	0.00	0.001	-0.013	128.366
			Bottom	-194.97	-2.32	0.00	0.001	0.007	-131.812
L5	12.7	TORX							
			Top	43.97	9.29	0.00	0.076	0.041	-457.710
			Bottom	43.97	9.29	0.00	0.076	0.080	583.185
L5	12.7	TORY							
			Top	53.48	11.38	0.00	0.093	0.051	-560.824
			Bottom	53.48	11.38	0.00	0.093	0.085	714.056
L5	12.7	DX MAX							
			Top	972.17	351.66	0.01	0.086	0.334	12287.682
			Bottom	972.17	351.66	0.01	0.086	1.527	15917.894
L5	12.7	DX MIN							
			Top	-972.17	-351.66	-0.01	-0.086	-0.334	-12287.682
			Bottom	-972.17	-351.66	-0.01	-0.086	-1.527	-15917.894
L5	12.7	DY MAX							
			Top	395.16	53.95	0.04	0.130	1.487	3807.515
			Bottom	395.16	53.95	0.04	0.130	6.043	3237.903
L5	12.7	DY MIN							
			Top	-395.16	-53.95	-0.04	-0.130	-1.487	-3807.515
			Bottom	-395.16	-53.95	-0.04	-0.130	-6.043	-3237.903
L5	12.8	DEAD							
			Top	-175.52	-0.99	0.00	0.000	-0.013	60.817
			Bottom	-185.85	-0.99	0.00	0.000	0.020	-50.228
L5	12.8	TORX							
			Top	33.85	11.83	0.00	0.072	0.041	-614.250
			Bottom	33.85	11.83	0.00	0.072	0.114	711.194
L5	12.8	TORY							
			Top	41.16	14.49	0.00	0.088	0.051	-752.058
			Bottom	41.16	14.49	0.00	0.088	0.130	870.404
L5	12.8	DX MAX							
			Top	635.40	309.51	0.01	0.081	0.207	15945.970
			Bottom	635.40	309.51	0.01	0.081	1.239	18726.065
L5	12.8	DX MIN							
			Top	-635.40	-309.51	-0.01	-0.081	-0.207	-15945.970
			Bottom	-635.40	-309.51	-0.01	-0.081	-1.239	-18726.065
L5	12.8	DY MAX							
			Top	387.57	79.23	0.04	0.120	1.464	4233.727
			Bottom	387.57	79.23	0.04	0.120	5.631	4643.008
L5	12.8	DY MIN							
			Top	-387.57	-79.23	-0.04	-0.120	-1.464	-4233.727
			Bottom	-387.57	-79.23	-0.04	-0.120	-5.631	-4643.008
L5	12.9	DEAD							
			Top	-399.74	-0.24	0.00	0.010	-0.035	48.328
			Bottom	-423.54	-0.24	0.00	0.010	0.085	21.189
L5	12.9	TORX							
			Top	48.28	33.97	0.00	0.174	0.099	-1095.421
			Bottom	48.28	33.97	0.00	0.174	0.358	2709.155
L5	12.9	TORY							
			Top	58.71	41.59	0.00	0.215	0.121	-1344.087
			Bottom	58.71	41.59	0.00	0.215	0.428	3313.624
L5	12.9	DX MAX							
			Top	478.59	837.24	0.01	0.299	0.396	26731.585
			Bottom	478.59	837.24	0.01	0.299	1.656	68407.377
L5	12.9	DX MIN							
			Top	-478.59	-837.24	-0.01	-0.299	-0.396	-26731.585
			Bottom	-478.59	-837.24	-0.01	-0.299	-1.656	-68407.377
L5	12.9	DY MAX							
			Top	907.43	268.06	0.08	0.409	3.659	11512.037
			Bottom	907.43	268.06	0.08	0.409	11.379	18621.858
L5	12.9	DY MIN							
			Top	-907.43	-268.06	-0.08	-0.409	-3.659	-11512.037
			Bottom	-907.43	-268.06	-0.08	-0.409	-11.379	-18621.858

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	A-6	DEAD							
			Top	-191.51	-2.56	0.00	-0.004	0.004	290.590
			Bottom	-202.71	-2.56	0.00	-0.004	-0.061	4.088
L5	A-6	TORX							
			Top	-61.69	-4.81	0.00	0.089	0.029	241.457
			Bottom	-61.69	-4.81	0.00	0.089	0.102	-297.573
L5	A-6	TORY							
			Top	-75.00	-5.90	0.00	0.109	0.035	295.793
			Bottom	-75.00	-5.90	0.00	0.109	0.125	-364.553
L5	A-6	DX MAX							
			Top	322.70	14.72	0.05	0.305	1.501	995.239
			Bottom	322.70	14.72	0.05	0.305	6.554	740.406
L5	A-6	DX MIN							
			Top	-322.70	-14.72	-0.05	-0.305	-1.501	-995.239
			Bottom	-322.70	-14.72	-0.05	-0.305	-6.554	-740.406
L5	A-6	DY MAX							
			Top	1321.87	110.23	0.03	0.202	0.333	5282.934
			Bottom	1321.87	110.23	0.03	0.202	2.872	7067.061
L5	A-6	DY MIN							
			Top	-1321.87	-110.23	-0.03	-0.202	-0.333	-5282.934
			Bottom	-1321.87	-110.23	-0.03	-0.202	-2.872	-7067.061
L5	A-7	DEAD							
			Top	-192.46	-4.61	0.00	-0.001	0.007	233.246
			Bottom	-203.48	-4.61	0.00	-0.001	-0.072	-283.464
L5	A-7	TORX							
			Top	-46.86	-10.81	0.00	0.075	0.014	531.658
			Bottom	-46.86	-10.81	0.00	0.075	0.152	-678.676
L5	A-7	TORY							
			Top	-56.98	-13.23	0.00	0.091	0.017	651.305
			Bottom	-56.98	-13.23	0.00	0.091	0.185	-830.633
L5	A-7	DX MAX							
			Top	344.07	42.55	0.05	0.102	1.435	2270.977
			Bottom	344.07	42.55	0.05	0.102	7.209	2505.207
L5	A-7	DX MIN							
			Top	-344.07	-42.55	-0.05	-0.102	-1.435	-2270.977
			Bottom	-344.07	-42.55	-0.05	-0.102	-7.209	-2505.207
L5	A-7	DY MAX							
			Top	919.85	240.87	0.03	0.141	0.425	11764.045
			Bottom	919.85	240.87	0.03	0.141	2.946	15233.091
L5	A-7	DY MIN							
			Top	-919.85	-240.87	-0.03	-0.141	-0.425	-11764.045
			Bottom	-919.85	-240.87	-0.03	-0.141	-2.946	-15233.091
L5	A-8	DEAD							
			Top	-178.57	-4.10	0.00	-0.001	0.008	306.122
			Bottom	-188.89	-4.10	0.00	-0.001	-0.072	-252.891
L5	A-8	TORX							
			Top	-34.97	-13.47	0.00	0.070	0.018	698.943
			Bottom	-34.97	-13.47	0.00	0.070	0.163	-809.790
L5	A-8	TORY							
			Top	-42.53	-16.49	0.00	0.085	0.022	855.760
			Bottom	-42.53	-16.49	0.00	0.085	0.198	-991.036
L5	A-8	DX MAX							
			Top	363.64	66.43	0.05	0.110	1.414	3596.590
			Bottom	363.64	66.43	0.05	0.110	6.637	3847.104
L5	A-8	DX MIN							
			Top	-363.64	-66.43	-0.05	-0.110	-1.414	-3596.590
			Bottom	-363.64	-66.43	-0.05	-0.110	-6.637	-3847.104
L5	A-8	DY MAX							
			Top	590.56	293.17	0.02	0.140	0.381	15115.595
			Bottom	590.56	293.17	0.02	0.140	2.370	17728.360
L5	A-8	DY MIN							
			Top	-590.56	-293.17	-0.02	-0.140	-0.381	-15115.595
			Bottom	-590.56	-293.17	-0.02	-0.140	-2.370	-17728.360
L5	A-9	DEAD							
			Top	-332.65	-4.81	0.00	-0.015	0.011	133.581
			Bottom	-416.65	-4.81	0.00	-0.015	-0.186	-426.821

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	A-9	TORX							
			Top	-45.13	-38.06	0.00	0.161	0.062	1193.603
			Bottom	-45.13	-38.06	0.00	0.161	0.372	-3069.055
L5	A-9	TORY							
			Top	-54.87	-46.60	0.00	0.196	0.075	1465.138
			Bottom	-54.87	-46.60	0.00	0.196	0.455	-3753.823
L5	A-9	DX MAX							
			Top	926.33	246.92	0.09	0.344	3.567	11207.996
			Bottom	926.33	246.92	0.09	0.344	12.664	16652.298
L5	A-9	DX MIN							
			Top	-926.33	-246.92	-0.09	-0.344	-3.567	-11207.996
			Bottom	-926.33	-246.92	-0.09	-0.344	-12.664	-16652.298
L5	A-9	DY MAX							
			Top	404.01	794.53	0.03	0.474	0.565	25340.610
			Bottom	404.01	794.53	0.03	0.474	2.914	64977.303
L5	A-9	DY MIN							
			Top	-404.01	-794.53	-0.03	-0.474	-0.565	-25340.610
			Bottom	-404.01	-794.53	-0.03	-0.474	-2.914	-64977.303
L5	A-10	DEAD							
			Top	-294.38	-1.44	0.00	0.127	-0.513	-327.903
			Bottom	-312.94	-1.44	0.00	0.127	-0.203	-488.813
L5	A-10	TORX							
			Top	-13.83	-30.19	0.00	0.141	0.048	1310.406
			Bottom	-13.83	-30.19	0.00	0.141	0.349	-2071.039
L5	A-10	TORY							
			Top	-16.89	-36.98	0.00	0.172	0.058	1607.069
			Bottom	-16.89	-36.98	0.00	0.172	0.427	-2534.901
L5	A-10	DX MAX							
			Top	993.12	334.55	0.06	0.551	2.581	17442.428
			Bottom	993.12	334.55	0.06	0.551	8.416	20054.457
L5	A-10	DX MIN							
			Top	-993.12	-334.55	-0.06	-0.551	-2.581	-17442.428
			Bottom	-993.12	-334.55	-0.06	-0.551	-8.416	-20054.457
L5	A-10	DY MAX							
			Top	499.40	534.29	0.01	0.568	0.770	22440.524
			Bottom	499.40	534.29	0.01	0.568	1.621	37743.646
L5	A-10	DY MIN							
			Top	-499.40	-534.29	-0.01	-0.568	-0.770	-22440.524
			Bottom	-499.40	-534.29	-0.01	-0.568	-1.621	-37743.646
L5	P-6	DEAD							
			Top	-188.87	-2.68	0.00	0.002	-0.002	295.073
			Bottom	-198.07	-2.68	0.00	0.002	0.036	-4.570
L5	P-6	TORX							
			Top	64.85	4.50	0.00	0.088	0.030	-329.307
			Bottom	64.85	4.50	0.00	0.088	0.088	374.391
L5	P-6	TORY							
			Top	78.84	5.51	0.00	0.108	0.036	-381.023
			Bottom	78.84	5.51	0.00	0.108	0.107	336.188
L5	P-6	DX MAX							
			Top	332.93	17.21	0.05	0.324	1.493	1124.434
			Bottom	332.93	17.21	0.05	0.324	6.829	848.104
L5	P-6	DX MIN							
			Top	-332.93	-17.21	-0.05	-0.324	-1.493	-1124.434
			Bottom	-332.93	-17.21	-0.05	-0.324	-6.829	-848.104
L5	P-6	DY MAX							
			Top	1434.54	107.46	0.03	0.241	0.203	5213.142
			Bottom	1434.54	107.46	0.03	0.241	2.700	6828.108
L5	P-6	DY MIN							
			Top	-1434.54	-107.46	-0.03	-0.241	-0.203	-5213.142
			Bottom	-1434.54	-107.46	-0.03	-0.241	-2.700	-6828.108
L5	P-7	DEAD							
			Top	-187.62	-4.68	0.00	0.001	-0.006	224.005
			Bottom	-198.72	-4.68	0.00	0.001	0.055	-290.665
L5	P-7	TORX							
			Top	50.13	10.47	0.00	0.076	0.016	-513.091
			Bottom	50.13	10.47	0.00	0.076	0.141	659.047

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	P-7	TORY							
			Top	60.96	12.82	0.00	0.092	0.019	-628.887
			Bottom	60.96	12.82	0.00	0.092	0.172	807.014
L5	P-7	DX MAX							
			Top	346.22	47.79	0.06	0.105	1.429	2548.138
			Bottom	346.22	47.79	0.06	0.105	7.494	2811.728
L5	P-7	DX MIN							
			Top	-346.22	-47.79	-0.06	-0.105	-1.429	-2548.138
			Bottom	-346.22	-47.79	-0.06	-0.105	-7.494	-2811.728
L5	P-7	DY MAX							
			Top	1025.14	240.90	0.03	0.156	0.268	11786.043
			Bottom	1025.14	240.90	0.03	0.156	2.938	15217.229
L5	P-7	DY MIN							
			Top	-1025.14	-240.90	-0.03	-0.156	-0.268	-11786.043
			Bottom	-1025.14	-240.90	-0.03	-0.156	-2.938	-15217.229
L5	P-8	DEAD							
			Top	-174.29	-3.46	0.00	0.001	-0.007	178.352
			Bottom	-184.61	-3.46	0.00	0.001	0.072	-209.723
L5	P-8	TORX							
			Top	37.75	13.42	0.00	0.071	0.018	-693.695
			Bottom	37.75	13.42	0.00	0.071	0.161	808.859
L5	P-8	TORY							
			Top	45.91	16.43	0.00	0.086	0.022	-849.831
			Bottom	45.91	16.43	0.00	0.086	0.196	990.068
L5	P-8	DX MAX							
			Top	362.85	72.82	0.05	0.116	1.412	3953.596
			Bottom	362.85	72.82	0.05	0.116	6.833	4206.387
L5	P-8	DX MIN							
			Top	-362.85	-72.82	-0.05	-0.116	-1.412	-3953.596
			Bottom	-362.85	-72.82	-0.05	-0.116	-6.833	-4206.387
L5	P-8	DY MAX							
			Top	689.27	302.09	0.02	0.139	0.241	15591.870
			Bottom	689.27	302.09	0.02	0.139	2.568	18251.641
L5	P-8	DY MIN							
			Top	-689.27	-302.09	-0.02	-0.139	-0.241	-15591.870
			Bottom	-689.27	-302.09	-0.02	-0.139	-2.568	-18251.641
L5	P-9	DEAD							
			Top	-385.04	-3.31	0.00	0.015	-0.022	51.081
			Bottom	-408.84	-3.31	0.00	0.015	0.210	-319.661
L5	P-9	TORX							
			Top	49.10	39.06	0.00	0.162	0.060	-1205.975
			Bottom	49.10	39.06	0.00	0.162	0.388	3168.235
L5	P-9	TORY							
			Top	59.73	47.83	0.00	0.199	0.072	-1481.151
			Bottom	59.73	47.83	0.00	0.199	0.473	3875.890
L5	P-9	DX MAX							
			Top	902.93	272.15	0.09	0.365	3.582	11765.678
			Bottom	902.93	272.15	0.09	0.365	12.762	18868.227
L5	P-9	DX MIN							
			Top	-902.93	-272.15	-0.09	-0.365	-3.582	-11765.678
			Bottom	-902.93	-272.15	-0.09	-0.365	-12.762	-18868.227
L5	P-9	DY MAX							
			Top	577.53	854.14	0.03	0.476	0.439	27245.225
			Bottom	577.53	854.14	0.03	0.476	3.802	69818.674
L5	P-9	DY MIN							
			Top	-577.53	-854.14	-0.03	-0.476	-0.439	-27245.225
			Bottom	-577.53	-854.14	-0.03	-0.476	-3.802	-69818.674
L5	P-10	DEAD							
			Top	-291.52	3.84	0.00	-0.129	0.527	-532.607
			Bottom	-310.07	3.84	0.00	-0.129	0.194	-103.062
L5	P-10	TORX							
			Top	11.71	31.23	0.00	0.140	0.050	-1353.238
			Bottom	11.71	31.23	0.00	0.140	0.365	2144.108
L5	P-10	TORY							
			Top	14.32	38.26	0.00	0.172	0.060	-1660.264
			Bottom	14.32	38.26	0.00	0.172	0.446	2625.223

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L5	P-10	DX MAX							
			Top	953.15	334.37	0.06	0.507	2.533	17395.169
			Bottom	953.15	334.37	0.06	0.507	8.487	20083.409
L5	P-10	DX MIN							
			Top	-953.15	-334.37	-0.06	-0.507	-2.533	-17395.169
			Bottom	-953.15	-334.37	-0.06	-0.507	-8.487	-20083.409
L5	P-10	DY MAX							
			Top	447.17	602.78	0.02	0.647	1.003	25302.698
			Bottom	447.17	602.78	0.02	0.647	2.638	42534.816
L5	P-10	DY MIN							
			Top	-447.17	-602.78	-0.02	-0.647	-1.003	-25302.698
			Bottom	-447.17	-602.78	-0.02	-0.647	-2.638	-42534.816
L5	12.11	DEAD							
			Top	-309.92	-0.52	0.00	-0.125	0.512	-302.994
			Bottom	-328.48	-0.52	0.00	-0.125	0.125	-361.554
L5	12.11	TORX							
			Top	21.93	28.54	0.00	0.137	0.073	-1270.858
			Bottom	21.93	28.54	0.00	0.137	0.395	1925.363
L5	12.11	TORY							
			Top	26.73	34.95	0.00	0.168	0.089	-1558.338
			Bottom	26.73	34.95	0.00	0.168	0.482	2356.487
L5	12.11	DX MAX							
			Top	466.54	576.01	0.02	0.660	0.886	24074.745
			Bottom	466.54	576.01	0.02	0.660	1.827	40777.290
L5	12.11	DX MIN							
			Top	-466.54	-576.01	-0.02	-0.660	-0.886	-24074.745
			Bottom	-466.54	-576.01	-0.02	-0.660	-1.827	-40777.290
L5	12.11	DY MAX							
			Top	923.02	331.16	0.06	0.302	1.620	17181.886
			Bottom	923.02	331.16	0.06	0.302	8.623	19947.092
L5	12.11	DY MIN							
			Top	-923.02	-331.16	-0.06	-0.302	-1.620	-17181.886
			Bottom	-923.02	-331.16	-0.06	-0.302	-8.623	-19947.092
L4	1.1	DEAD							
			Top	-342.75	-9.87	0.02	-0.223	-0.881	557.241
			Bottom	-356.79	-9.87	0.02	-0.223	0.597	-272.167
L4	1.1	TORX							
			Top	14.06	-22.11	0.00	0.211	-0.043	830.283
			Bottom	14.06	-22.11	0.00	0.211	-0.005	-1027.045
L4	1.1	TORY							
			Top	17.09	-27.14	0.00	0.259	-0.053	1020.053
			Bottom	17.09	-27.14	0.00	0.259	-0.003	-1259.432
L4	1.1	DX MAX							
			Top	785.99	524.01	0.03	2.284	1.424	19728.649
			Bottom	785.99	524.01	0.03	2.284	1.263	24774.660
L4	1.1	DX MIN							
			Top	-785.99	-524.01	-0.03	-2.284	-1.424	-19728.649
			Bottom	-785.99	-524.01	-0.03	-2.284	-1.263	-24774.660
L4	1.1	DY MAX							
			Top	954.36	329.45	0.03	2.203	2.103	13805.183
			Bottom	954.36	329.45	0.03	2.203	2.904	13889.120
L4	1.1	DY MIN							
			Top	-954.36	-329.45	-0.03	-2.203	-2.103	-13805.183
			Bottom	-954.36	-329.45	-0.03	-2.203	-2.904	-13889.120
L4	1.2	DEAD							
			Top	-454.49	15.83	0.00	0.010	0.170	-669.745
			Bottom	-472.21	15.83	0.00	0.010	0.481	659.849
L4	1.2	TORX							
			Top	57.27	-31.68	0.00	0.095	-0.150	1442.302
			Bottom	57.97	-31.68	0.00	0.095	0.257	-1218.442
L4	1.2	TORY							
			Top	70.61	-38.85	0.01	0.117	-0.181	1769.778
			Bottom	70.61	-38.85	0.01	0.117	0.323	-1493.415
L4	1.2	DX MAX							
			Top	465.04	786.51	0.03	0.687	1.237	35933.573
			Bottom	465.04	786.51	0.03	0.687	3.199	31539.174

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	1.2	DX MIN							
			Top	-465.04	-786.51	-0.03	-0.687	-1.237	-35933.573
			Bottom	-465.04	-786.51	-0.03	-0.687	-3.199	-31539.174
L4	1.2	DY MAX							
			Top	1093.36	396.66	0.15	1.430	6.189	19020.446
			Bottom	1093.36	396.66	0.15	1.430	12.385	14378.616
L4	1.2	DY MIN							
			Top	-1093.36	-396.66	-0.15	-1.430	-6.189	-19020.446
			Bottom	-1093.36	-396.66	-0.15	-1.430	-12.385	-14378.616
L4	1.3	DEAD							
			Top	-319.61	12.97	0.00	0.001	0.053	-532.315
			Bottom	-327.48	12.97	0.00	0.001	0.214	556.953
L4	1.3	TORX							
			Top	39.64	-17.24	0.00	0.038	-0.056	732.481
			Bottom	39.64	-17.24	0.00	0.038	0.150	-715.543
L4	1.3	TORY							
			Top	48.27	-21.10	0.00	0.045	-0.067	897.158
			Bottom	48.27	-21.10	0.00	0.045	0.183	-875.638
L4	1.3	DX MAX							
			Top	732.89	513.75	0.03	0.089	0.776	21492.899
			Bottom	732.89	513.75	0.03	0.089	2.916	21670.507
L4	1.3	DX MIN							
			Top	-732.89	-513.75	-0.03	-0.089	-0.776	-21492.899
			Bottom	-732.89	-513.75	-0.03	-0.089	-2.916	-21670.507
L4	1.3	DY MAX							
			Top	423.48	97.84	0.11	0.146	3.699	4702.215
			Bottom	423.48	97.84	0.11	0.146	10.877	3544.940
L4	1.3	DY MIN							
			Top	-423.48	-97.84	-0.11	-0.146	-3.699	-4702.215
			Bottom	-423.48	-97.84	-0.11	-0.146	-10.877	-3544.940
L4	1.4	DEAD							
			Top	-234.34	11.36	0.00	0.000	0.055	-498.594
			Bottom	-242.47	11.36	0.00	0.000	0.222	455.640
L4	1.4	TORX							
			Top	53.85	-12.09	0.00	0.053	-0.044	507.878
			Bottom	53.85	-12.09	0.00	0.053	0.180	-507.377
L4	1.4	TORY							
			Top	65.55	-14.80	0.00	0.066	-0.053	622.440
			Bottom	65.55	-14.80	0.00	0.066	0.224	-621.045
L4	1.4	DX MAX							
			Top	1353.31	380.84	0.03	0.078	0.925	15787.172
			Bottom	1353.31	380.84	0.03	0.078	3.288	16222.712
L4	1.4	DX MIN							
			Top	-1353.31	-380.84	-0.03	-0.078	-0.925	-15787.172
			Bottom	-1353.31	-380.84	-0.03	-0.078	-3.288	-16222.712
L4	1.4	DY MAX							
			Top	359.31	61.28	0.14	0.252	4.318	2956.176
			Bottom	359.31	61.28	0.14	0.252	14.226	2226.624
L4	1.4	DY MIN							
			Top	-359.31	-61.28	-0.14	-0.252	-4.318	-2956.176
			Bottom	-359.31	-61.28	-0.14	-0.252	-14.226	-2226.624
L4	1.5	DEAD							
			Top	-233.03	9.38	0.00	-0.012	0.056	-724.342
			Bottom	-241.43	9.38	0.00	-0.012	0.208	63.507
L4	1.5	TORX							
			Top	64.49	-4.40	0.00	0.032	-0.026	267.647
			Bottom	64.49	-4.40	0.00	0.032	0.170	-102.141
L4	1.5	TORY							
			Top	78.52	-5.40	0.00	0.037	-0.043	327.622
			Bottom	78.52	-5.40	0.00	0.037	0.210	-125.931
L4	1.5	DX MAX							
			Top	1670.07	136.98	0.03	0.241	0.980	7911.863
			Bottom	1670.07	136.98	0.03	0.241	3.456	3805.021
L4	1.5	DX MIN							
			Top	-1670.07	-136.98	-0.03	-0.241	-0.980	-7911.863
			Bottom	-1670.07	-136.98	-0.03	-0.241	-3.456	-3805.021

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	1.5	DY MAX							
			Top	342.92	31.02	0.15	0.990	4.544	1776.423
			Bottom	342.92	31.02	0.15	0.990	15.577	859.449
L4	1.5	DY MIN							
			Top	-342.92	-31.02	-0.15	-0.990	-4.544	-1776.423
			Bottom	-342.92	-31.02	-0.15	-0.990	-15.577	-859.449
L4	1.11	DEAD							
			Top	-329.66	-9.50	0.01	0.326	-0.970	-4.638
			Bottom	-343.58	-9.50	0.01	0.326	0.093	-802.742
L4	1.11	TORX							
			Top	-21.09	-23.57	0.00	0.232	0.005	931.961
			Bottom	-21.09	-23.57	0.00	0.232	0.148	-1047.874
L4	1.11	TORY							
			Top	-25.69	-28.93	0.00	0.284	0.004	1144.660
			Bottom	-25.69	-28.93	0.00	0.284	0.180	-1285.063
L4	1.11	DX MAX							
			Top	657.09	450.25	0.06	3.189	1.427	17716.779
			Bottom	657.09	450.25	0.06	3.189	3.652	20586.375
L4	1.11	DX MIN							
			Top	-657.09	-450.25	-0.06	-3.189	-1.427	-17716.779
			Bottom	-657.09	-450.25	-0.06	-3.189	-3.652	-20586.375
L4	1.11	DY MAX							
			Top	1000.22	392.84	0.04	3.516	1.981	17807.069
			Bottom	1000.22	392.84	0.04	3.516	3.600	15213.972
L4	1.11	DY MIN							
			Top	-1000.22	-392.84	-0.04	-3.516	-1.981	-17807.069
			Bottom	-1000.22	-392.84	-0.04	-3.516	-3.600	-15213.972
L4	12.1	DEAD							
			Top	-352.45	-7.14	-0.01	0.159	0.883	666.956
			Bottom	-366.49	-7.14	-0.01	0.159	-0.323	67.002
L4	12.1	TORX							
			Top	-14.05	20.55	0.00	0.206	-0.041	-797.303
			Bottom	-14.05	20.55	0.00	0.206	-0.141	939.001
L4	12.1	TORY							
			Top	-17.08	25.20	0.00	0.251	-0.049	-979.256
			Bottom	-17.08	25.20	0.00	0.251	-0.178	1137.679
L4	12.1	DX MAX							
			Top	743.83	504.29	0.02	3.188	1.211	19242.455
			Bottom	743.83	504.29	0.02	3.188	0.587	23611.501
L4	12.1	DX MIN							
			Top	-743.83	-504.29	-0.02	-3.188	-1.211	-19242.455
			Bottom	-743.83	-504.29	-0.02	-3.188	-0.587	-23611.501
L4	12.1	DY MAX							
			Top	961.26	324.63	0.02	2.281	2.018	13040.192
			Bottom	961.26	324.63	0.02	2.281	2.096	14240.090
L4	12.1	DY MIN							
			Top	-961.26	-324.63	-0.02	-2.281	-2.018	-13040.192
			Bottom	-961.26	-324.63	-0.02	-2.281	-2.096	-14240.090
L4	12.2	DEAD							
			Top	-462.41	9.58	0.00	-0.009	-0.121	-410.899
			Bottom	-480.33	9.58	0.00	-0.009	-0.339	193.731
L4	12.2	TORX							
			Top	-57.30	31.08	0.00	0.094	-0.234	-1404.523
			Bottom	-57.30	31.08	0.00	0.094	-0.040	1206.051
L4	12.2	TORY							
			Top	-69.78	38.11	0.00	0.118	-0.291	-1723.707
			Bottom	-69.78	38.11	0.00	0.118	-0.061	1477.445
L4	12.2	DX MAX							
			Top	584.88	804.57	0.05	0.606	1.458	33549.926
			Bottom	584.88	804.57	0.05	0.606	5.305	35473.893
L4	12.2	DX MIN							
			Top	-584.88	-804.57	-0.05	-0.606	-1.458	-33549.926
			Bottom	-584.88	-804.57	-0.05	-0.606	-5.305	-35473.893
L4	12.2	DY MAX							
			Top	1055.64	376.59	0.10	0.492	5.730	18210.648
			Bottom	1055.64	376.59	0.10	0.492	4.014	13512.544

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LA	12.2	DY MIN							
			Top	-1055.64	-376.59	-0.10	-0.492	-5.730	-18210.648
			Bottom	-1055.64	-376.59	-0.10	-0.492	-4.016	-13513.544
LA	12.3	DEAD							
			Top	-218.46	8.22	0.00	0.001	-0.025	-348.978
			Bottom	-226.34	8.22	0.00	0.001	-0.097	341.717
LA	12.3	TORX							
			Top	-39.98	17.29	0.00	0.034	-0.106	-731.860
			Bottom	-39.98	17.29	0.00	0.034	-0.059	720.805
LA	12.3	TORY							
			Top	-48.67	21.18	0.00	0.039	-0.134	-896.618
			Bottom	-48.67	21.18	0.00	0.039	-0.092	882.350
LA	12.3	DX MAX							
			Top	782.99	463.39	0.04	0.068	1.020	19698.679
			Bottom	782.99	463.39	0.04	0.068	4.322	19234.502
LA	12.3	DX MIN							
			Top	-782.99	-463.39	-0.04	-0.068	-1.020	-19698.679
			Bottom	-782.99	-463.39	-0.04	-0.068	-4.322	-19234.502
LA	12.3	DY MAX							
			Top	408.25	94.91	0.07	0.125	2.689	4606.965
			Bottom	408.25	94.91	0.07	0.125	3.567	3390.612
LA	12.3	DY MIN							
			Top	-408.25	-94.91	-0.07	-0.125	-2.689	-4606.965
			Bottom	-408.25	-94.91	-0.07	-0.125	-3.567	-3390.612
LA	12.4	DEAD							
			Top	-229.75	8.61	0.00	0.002	-0.012	-389.264
			Bottom	-237.89	8.61	0.00	0.002	-0.039	334.224
LA	12.4	TORX							
			Top	-54.61	11.80	0.00	0.055	-0.105	-501.319
			Bottom	-54.61	11.80	0.00	0.055	-0.070	490.145
LA	12.4	TORY							
			Top	-66.46	14.46	0.00	0.070	-0.134	-614.751
			Bottom	-66.46	14.46	0.00	0.070	-0.108	599.748
LA	12.4	DX MAX							
			Top	1232.52	335.19	0.05	0.091	1.286	14163.397
			Bottom	1232.52	335.19	0.05	0.091	5.392	14014.975
LA	12.4	DX MIN							
			Top	-1232.52	-335.19	-0.05	-0.091	-1.286	-14163.397
			Bottom	-1232.52	-335.19	-0.05	-0.091	-5.392	-14014.975
LA	12.4	DY MAX							
			Top	349.98	62.20	0.08	0.143	2.609	2984.661
			Bottom	349.98	62.20	0.08	0.143	4.711	2263.469
LA	12.4	DY MIN							
			Top	-349.98	-62.20	-0.08	-0.143	-2.609	-2984.661
			Bottom	-349.98	-62.20	-0.08	-0.143	-4.711	-2263.469
LA	12.5	DEAD							
			Top	-231.60	9.60	0.00	0.000	-0.003	-697.620
			Bottom	-240.00	9.60	0.00	0.000	0.022	109.115
LA	12.5	TORX							
			Top	-65.35	4.64	0.00	0.044	-0.103	-266.740
			Bottom	-65.35	4.64	0.00	0.044	-0.079	123.969
LA	12.5	TORY							
			Top	-79.59	5.71	0.00	0.052	-0.133	-326.977
			Bottom	-79.59	5.71	0.00	0.052	-0.122	153.966
LA	12.5	DX MAX							
			Top	1657.73	136.26	0.05	0.339	1.461	7108.839
			Bottom	1657.73	136.26	0.05	0.339	5.661	4348.042
LA	12.5	DX MIN							
			Top	-1657.73	-136.26	-0.05	-0.339	-1.461	-7108.839
			Bottom	-1657.73	-136.26	-0.05	-0.339	-5.661	-4349.042
LA	12.5	DY MAX							
			Top	344.17	31.98	0.07	0.545	2.235	1812.397
			Bottom	344.17	31.98	0.07	0.545	5.111	907.130
LA	12.5	DY MIN							
			Top	-344.17	-31.98	-0.07	-0.545	-2.235	-1812.397
			Bottom	-344.17	-31.98	-0.07	-0.545	-5.111	-907.130

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LA	A-1	DEAD							
			Top	-349.48	-13.50	0.01	-0.143	-0.895	882.744
			Bottom	-363.52	-13.50	0.01	-0.143	0.287	-251.352
LA	A-1	TORX							
			Top	-1.48	-23.75	0.00	0.176	-0.051	836.042
			Bottom	-1.48	-23.75	0.00	0.176	0.012	-1158.646
LA	A-1	TORY							
			Top	-1.89	-29.12	0.00	0.214	-0.062	1027.776
			Bottom	-1.89	-29.12	0.00	0.214	0.005	-1418.246
LA	A-1	DX MAX							
			Top	929.92	374.31	0.02	2.657	1.752	16122.073
			Bottom	929.92	374.31	0.02	2.657	1.798	15343.690
LA	A-1	DX MIN							
			Top	-929.92	-374.31	-0.02	-2.657	-1.752	-16122.073
			Bottom	-929.92	-374.31	-0.02	-2.657	-1.798	-15343.690
LA	A-1	DY MAX							
			Top	730.85	418.71	0.03	1.948	1.202	15937.983
			Bottom	730.85	418.71	0.03	1.948	2.173	19893.133
LA	A-1	DY MIN							
			Top	-730.85	-418.71	-0.03	-1.948	-1.202	-15937.983
			Bottom	-730.85	-418.71	-0.03	-1.948	-2.173	-19893.133
LA	A-2	DEAD							
			Top	-435.57	5.81	0.00	0.013	0.135	-403.900
			Bottom	-453.29	5.81	0.00	0.013	0.398	84.270
LA	A-2	TORX							
			Top	52.40	-38.26	0.00	0.089	-0.143	1526.947
			Bottom	52.40	-38.26	0.00	0.089	0.077	-1687.164
LA	A-2	TORY							
			Top	63.80	-46.93	0.00	0.110	-0.184	1875.748
			Bottom	63.80	-46.93	0.00	0.110	0.063	-2066.150
LA	A-2	DX MAX							
			Top	1134.28	467.19	0.11	0.735	5.994	24693.289
			Bottom	1134.28	467.19	0.11	0.735	7.221	14624.211
LA	A-2	DX MIN							
			Top	-1134.28	-467.19	-0.11	-0.735	-5.994	-24693.289
			Bottom	-1134.28	-467.19	-0.11	-0.735	-7.221	-14624.211
LA	A-2	DY MAX							
			Top	357.10	702.98	0.04	0.387	1.485	29426.124
			Bottom	357.10	702.98	0.04	0.387	4.599	31306.168
LA	A-2	DY MIN							
			Top	-357.10	-702.98	-0.04	-0.387	-1.485	-29426.124
			Bottom	-357.10	-702.98	-0.04	-0.387	-4.599	-31306.168
LA	A-3	DEAD							
			Top	-193.94	12.15	0.00	-0.001	0.040	-560.001
			Bottom	-203.81	12.15	0.00	-0.001	0.158	460.627
LA	A-3	TORX							
			Top	39.11	-21.35	0.00	0.035	-0.067	942.300
			Bottom	39.11	-21.35	0.00	0.035	-0.030	-851.044
LA	A-3	TORY							
			Top	47.62	-26.16	0.00	0.041	-0.089	1154.603
			Bottom	47.62	-26.16	0.00	0.041	-0.056	-1042.464
LA	A-3	DX MAX							
			Top	466.06	179.43	0.08	0.063	3.067	9116.098
			Bottom	466.06	179.43	0.08	0.063	6.521	6959.010
LA	A-3	DX MIN							
			Top	-466.06	-179.43	-0.08	-0.063	-3.067	-9116.098
			Bottom	-466.06	-179.43	-0.08	-0.063	-6.521	-6959.010
LA	A-3	DY MAX							
			Top	593.99	465.37	0.04	0.125	1.150	20202.802
			Bottom	593.99	465.37	0.04	0.125	4.297	18891.804
LA	A-3	DY MIN							
			Top	-593.99	-465.37	-0.04	-0.125	-1.150	-20202.802
			Bottom	-593.99	-465.37	-0.04	-0.125	-4.297	-18891.804
LA	A-4	DEAD							
			Top	-192.73	18.88	0.00	-0.001	0.038	-901.936
			Bottom	-200.86	18.88	0.00	-0.001	0.143	683.872

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LA	A-4	TORX							
			Top	48.99	-19.56	0.00	0.052	-0.066	866.409
			Bottom	48.99	-19.56	0.00	0.052	-0.044	-777.024
LA	A-4	TORY							
			Top	59.64	-23.95	0.00	0.066	-0.090	1060.947
			Bottom	59.64	-23.95	0.00	0.066	-0.090	-951.075
LA	A-4	DX MAX							
			Top	445.22	142.37	0.10	0.073	3.303	6571.018
			Bottom	445.22	142.37	0.10	0.073	8.566	5390.463
LA	A-4	DX MIN							
			Top	-445.22	-142.37	-0.10	-0.073	-3.303	-6571.018
			Bottom	-445.22	-142.37	-0.10	-0.073	-8.566	-5390.463
LA	A-4	DY MAX							
			Top	900.82	437.67	0.05	0.114	1.700	19084.470
			Bottom	900.82	437.67	0.05	0.114	6.153	17682.986
LA	A-4	DY MIN							
			Top	-900.82	-437.67	-0.05	-0.114	-1.700	-19084.470
			Bottom	-900.82	-437.67	-0.05	-0.114	-6.153	-17682.986
LA	A-5	DEAD							
			Top	-236.47	34.00	0.00	0.001	0.040	-1164.321
			Bottom	-244.87	34.00	0.00	0.001	0.145	1691.489
LA	A-5	TORX							
			Top	92.28	-19.65	0.00	0.043	-0.070	603.172
			Bottom	92.28	-19.65	0.00	0.043	-0.056	-1047.176
LA	A-5	TORY							
			Top	112.44	-24.00	0.00	0.049	-0.097	737.366
			Bottom	112.44	-24.00	0.00	0.049	-0.113	-1278.839
LA	A-5	DX MAX							
			Top	587.97	122.59	0.13	0.285	3.485	4321.723
			Bottom	587.97	122.59	0.13	0.285	12.566	5990.272
LA	A-5	DX MIN							
			Top	-587.97	-122.59	-0.13	-0.285	-3.485	-4321.723
			Bottom	-587.97	-122.59	-0.13	-0.285	-12.566	-5990.272
LA	A-5	DY MAX							
			Top	1946.47	435.14	0.08	0.344	2.282	12969.337
			Bottom	1946.47	435.14	0.08	0.344	9.383	23609.768
LA	A-5	DY MIN							
			Top	-1946.47	-435.14	-0.08	-0.344	-2.282	-12969.337
			Bottom	-1946.47	-435.14	-0.08	-0.344	-9.383	-23609.768
LA	P-1	DEAD							
			Top	-367.87	-15.74	-0.01	0.154	0.938	995.577
			Bottom	-381.92	-15.74	-0.01	0.154	-0.308	-326.513
LA	P-1	TORX							
			Top	-0.70	22.19	0.00	0.179	-0.042	-870.785
			Bottom	-0.70	22.19	0.00	0.179	0.018	992.561
LA	P-1	TORY							
			Top	-0.77	27.16	0.00	0.219	-0.052	-1068.927
			Bottom	-0.77	27.16	0.00	0.219	0.014	1212.411
LA	P-1	DX MAX							
			Top	958.03	380.50	0.02	2.726	1.735	16359.451
			Bottom	958.03	380.50	0.02	2.726	2.181	15623.849
LA	P-1	DX MIN							
			Top	-958.03	-380.50	-0.02	-2.726	-1.735	-16359.451
			Bottom	-958.03	-380.50	-0.02	-2.726	-2.181	-15623.849
LA	P-1	DY MAX							
			Top	698.02	424.05	0.02	1.768	1.094	16588.530
			Bottom	698.02	424.05	0.02	1.768	0.787	19696.327
LA	P-1	DY MIN							
			Top	-698.02	-424.05	-0.02	-1.768	-1.094	-16588.530
			Bottom	-698.02	-424.05	-0.02	-1.768	-0.787	-19696.327
LA	P-2	DEAD							
			Top	-457.38	-1.21	0.00	-0.007	-0.125	66.261
			Bottom	-475.10	-1.21	0.00	-0.007	-0.351	-35.780
LA	P-2	TORX							
			Top	-57.14	18.80	0.00	0.044	-0.178	-1750.156
			Bottom	-57.14	18.80	0.00	0.044	-0.015	1538.464

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
LA	P-2	TORY							
			Top	-69.52	47.51	0.00	0.074	-0.229	-2110.035
			Bottom	-69.52	47.51	0.00	0.074	-0.109	1880.883
LA	P-2	DX MAX							
			Top	1159.15	489.00	0.10	0.886	6.017	25224.740
			Bottom	1159.15	489.00	0.10	0.886	5.608	15907.371
LA	P-2	DX MIN							
			Top	-1159.15	-489.00	-0.10	-0.886	-6.017	-25224.740
			Bottom	-1159.15	-489.00	-0.10	-0.886	-5.608	-15907.371
LA	P-2	DY MAX							
			Top	619.87	747.23	0.03	0.743	1.003	31546.480
			Bottom	619.87	747.23	0.03	0.743	3.309	32744.175
LA	P-2	DY MIN							
			Top	-619.87	-747.23	-0.03	-0.743	-1.003	-31546.480
			Bottom	-619.87	-747.23	-0.03	-0.743	-3.309	-32744.175
LA	P-3	DEAD							
			Top	-205.68	1.57	0.00	0.000	-0.027	-100.389
			Bottom	-213.56	1.57	0.00	0.000	-0.104	31.677
LA	P-3	TORX							
			Top	-42.75	23.59	0.00	0.038	-0.098	-1012.828
			Bottom	-42.75	23.59	0.00	0.038	-0.144	969.003
LA	P-3	TORY							
			Top	-52.03	28.88	0.00	0.046	-0.130	-1239.873
			Bottom	-52.03	28.88	0.00	0.046	-0.218	1186.198
LA	P-3	DX MAX							
			Top	471.82	178.06	0.07	0.115	3.010	8147.324
			Bottom	471.82	178.06	0.07	0.115	5.008	6813.560
LA	P-3	DX MIN							
			Top	-471.82	-178.06	-0.07	-0.115	-3.010	-8147.324
			Bottom	-471.82	-178.06	-0.07	-0.115	-5.008	-6813.560
LA	P-3	DY MAX							
			Top	750.92	478.32	0.03	0.121	0.710	20472.322
			Bottom	750.92	478.32	0.03	0.121	2.999	19708.432
LA	P-3	DY MIN							
			Top	-750.92	-478.32	-0.03	-0.121	-0.710	-20472.322
			Bottom	-750.92	-478.32	-0.03	-0.121	-2.999	-19708.432
LA	P-4	DEAD							
			Top	-207.50	3.62	0.00	0.002	-0.016	-172.457
			Bottom	-215.63	3.62	0.00	0.002	-0.058	131.888
LA	P-4	TORX							
			Top	-58.13	16.88	0.00	0.046	-0.105	-726.587
			Bottom	-58.13	16.88	0.00	0.046	-0.208	691.464
LA	P-4	TORY							
			Top	-70.78	20.67	0.00	0.058	-0.141	-889.966
			Bottom	-70.78	20.67	0.00	0.058	-0.305	846.040
LA	P-4	DX MAX							
			Top	442.38	121.38	0.08	0.140	3.081	5633.437
			Bottom	442.38	121.38	0.08	0.140	6.314	4566.486
LA	P-4	DX MIN							
			Top	-442.38	-121.38	-0.08	-0.140	-3.081	-5633.437
			Bottom	-442.38	-121.38	-0.08	-0.140	-6.314	-4566.486
LA	P-4	DY MAX							
			Top	1129.40	351.50	0.03	0.116	0.907	14959.897
			Bottom	1129.40	351.50	0.03	0.116	3.715	14574.223
LA	P-4	DY MIN							
			Top	-1129.40	-351.50	-0.03	-0.116	-0.907	-14959.897
			Bottom	-1129.40	-351.50	-0.03	-0.116	-3.715	-14574.223
LA	P-5	DEAD							
			Top	-205.63	6.39	0.00	0.001	-0.009	-538.899
			Bottom	-214.03	6.39	0.00	0.001	-0.007	-2.319
LA	P-5	TORX							
			Top	-70.54	6.30	0.00	0.061	-0.113	-350.122
			Bottom	-70.54	6.30	0.00	0.061	-0.219	179.391
LA	P-5	TORY							
			Top	-85.96	7.75	0.00	0.076	-0.152	-428.966
			Bottom	-85.96	7.75	0.00	0.076	-0.318	221.753

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	P-5	DX MAX	Top	424.17	50.74	0.08	0.492	2.891	2888.162
			Bottom	424.17	50.74	0.08	0.492	6.588	1378.491
L4	P-5	DX MIN	Top	-424.17	-50.74	-0.08	-0.492	-2.891	-2888.162
			Bottom	-424.17	-50.74	-0.08	-0.492	-6.588	-1378.491
L4	P-5	DY MAX	Top	1510.60	133.91	0.04	0.293	1.036	7054.415
			Bottom	1510.60	133.91	0.04	0.293	3.972	4200.674
L4	P-5	DY MIN	Top	-1510.60	-133.91	-0.04	-0.293	-1.036	-7054.415
			Bottom	-1510.60	-133.91	-0.04	-0.293	-3.972	-4200.674
L4	1.6	DEAD	Top	-230.43	-8.18	0.00	0.009	0.049	686.553
			Bottom	-238.83	-8.18	0.00	0.009	0.189	-30.329
L4	1.6	TORX	Top	-65.78	-4.45	0.00	0.039	0.064	272.724
			Bottom	-65.78	-4.45	0.00	0.039	-0.043	-100.904
L4	1.6	TORY	Top	-80.10	-5.45	0.00	0.045	0.080	333.823
			Bottom	-80.10	-5.45	0.00	0.045	-0.045	-124.355
L4	1.6	DX MAX	Top	1636.54	130.80	0.03	0.291	1.030	7398.701
			Bottom	1636.54	130.80	0.03	0.291	3.705	3601.321
L4	1.6	DX MIN	Top	-1636.54	-130.80	-0.03	-0.291	-1.030	-7398.701
			Bottom	-1636.54	-130.80	-0.03	-0.291	-3.705	-3601.321
L4	1.6	DY MAX	Top	509.47	39.80	0.15	1.005	5.185	2663.729
			Bottom	509.47	39.80	0.15	1.005	16.415	715.804
L4	1.6	DY MIN	Top	-509.47	-39.80	-0.15	-1.005	-5.185	-2663.729
			Bottom	-509.47	-39.80	-0.15	-1.005	-16.415	-715.804
L4	1.7	DEAD	Top	-239.37	-8.33	0.00	-0.001	0.051	390.936
			Bottom	-247.64	-8.33	0.00	-0.001	0.203	-308.369
L4	1.7	TORX	Top	-58.10	-12.56	0.00	0.054	0.068	528.677
			Bottom	-58.10	-12.56	0.00	0.054	-0.050	-525.952
L4	1.7	TORY	Top	-68.29	-15.38	0.00	0.068	0.085	647.929
			Bottom	-68.29	-15.38	0.00	0.068	-0.056	-643.846
L4	1.7	DX MAX	Top	1232.76	375.01	0.03	0.067	0.961	15477.589
			Bottom	1232.76	375.01	0.03	0.067	3.686	16047.289
L4	1.7	DX MIN	Top	-1232.76	-375.01	-0.03	-0.067	-0.961	-15477.589
			Bottom	-1232.76	-375.01	-0.03	-0.067	-3.686	-16047.289
L4	1.7	DY MAX	Top	544.33	113.61	0.14	0.326	5.009	5140.162
			Bottom	544.33	113.61	0.14	0.326	15.009	4408.730
L4	1.7	DY MIN	Top	-544.33	-113.61	-0.14	-0.326	-5.009	-5140.162
			Bottom	-544.33	-113.61	-0.14	-0.326	-15.009	-4408.730
L4	1.8	DEAD	Top	-225.60	-10.59	0.00	0.002	0.053	461.115
			Bottom	-233.35	-10.59	0.00	0.002	0.213	-428.563
L4	1.8	TORX	Top	-40.41	-17.47	0.00	0.036	0.074	743.064
			Bottom	-40.41	-17.47	0.00	0.036	-0.041	-724.383
L4	1.8	TORY	Top	-49.21	-21.39	0.00	0.042	0.091	910.089
			Bottom	-49.21	-21.39	0.00	0.042	-0.042	-886.498
L4	1.8	DX MAX	Top	679.06	487.54	0.03	0.098	0.783	20329.361
			Bottom	679.06	487.54	0.03	0.098	3.043	20632.744

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	1.8	DX MIN	Top	-679.06	-487.54	-0.03	-0.098	-0.783	-20329.361
			Bottom	-679.06	-487.54	-0.03	-0.098	-3.043	-20632.744
L4	1.8	DY MAX	Top	507.89	174.66	0.11	0.127	4.259	7654.118
			Bottom	507.89	174.66	0.11	0.127	10.939	7021.286
L4	1.8	DY MIN	Top	-507.89	-174.66	-0.11	-0.127	-4.259	-7654.118
			Bottom	-507.89	-174.66	-0.11	-0.127	-10.939	-7021.286
L4	1.9	DEAD	Top	-491.24	-30.74	0.00	-0.032	0.110	1378.758
			Bottom	-509.10	-30.74	0.00	-0.032	0.481	-1303.506
L4	1.9	TORX	Top	-62.23	-32.56	0.00	0.098	0.187	1501.674
			Bottom	-62.23	-32.56	0.00	0.098	-0.087	-1232.996
L4	1.9	TORY	Top	-75.82	-39.92	0.00	0.120	0.229	1842.638
			Bottom	-75.82	-39.92	0.00	0.120	-0.107	-1511.059
L4	1.9	DX MAX	Top	386.71	694.12	0.03	0.637	1.091	32401.538
			Bottom	386.71	694.12	0.03	0.637	3.379	27593.503
L4	1.9	DX MIN	Top	-386.71	-694.12	-0.03	-0.637	-1.091	-32401.538
			Bottom	-386.71	-694.12	-0.03	-0.637	-3.379	-27593.503
L4	1.9	DY MAX	Top	1226.01	464.78	0.12	1.582	7.547	25990.530
			Bottom	1226.01	464.78	0.12	1.582	12.242	13165.119
L4	1.9	DY MIN	Top	-1226.01	-464.78	-0.12	-1.582	-7.547	-25990.530
			Bottom	-1226.01	-464.78	-0.12	-1.582	-12.242	-13165.119
L4	12.6	DEAD	Top	-218.75	-7.38	0.00	-0.001	-0.007	590.731
			Bottom	-227.15	-7.38	0.00	-0.001	0.009	-29.020
L4	12.6	TORX	Top	66.48	4.82	0.00	0.053	0.120	-375.919
			Bottom	66.48	4.82	0.00	0.053	0.171	128.582
L4	12.6	TORY	Top	80.98	5.94	0.00	0.065	0.156	-338.299
			Bottom	80.98	5.94	0.00	0.065	0.249	160.441
L4	12.6	DX MAX	Top	1643.71	134.20	0.04	0.297	1.220	6989.267
			Bottom	1643.71	134.20	0.04	0.297	4.610	4294.280
L4	12.6	DX MIN	Top	-1643.71	-134.20	-0.04	-0.297	-1.220	-6989.267
			Bottom	-1643.71	-134.20	-0.04	-0.297	-4.610	-4294.280
L4	12.6	DY MAX	Top	467.89	40.09	0.07	0.408	3.425	2468.110
			Bottom	467.89	40.09	0.07	0.408	6.071	936.109
L4	12.6	DY MIN	Top	-467.89	-40.09	-0.07	-0.408	-3.425	-2468.110
			Bottom	-467.89	-40.09	-0.07	-0.408	-6.071	-936.109
L4	12.7	DEAD	Top	-234.42	-3.90	0.00	-0.003	-0.015	193.349
			Bottom	-233.69	-3.90	0.00	-0.003	-0.043	-133.896
L4	12.7	TORX	Top	56.67	12.54	0.00	0.050	0.116	-535.595
			Bottom	56.67	12.54	0.00	0.050	0.153	517.715
L4	12.7	TORY	Top	68.98	15.36	0.00	0.063	0.151	-656.878
			Bottom	68.98	15.36	0.00	0.063	0.323	633.606
L4	12.7	DX MAX	Top	1234.64	337.95	0.04	0.107	1.116	14280.000
			Bottom	1234.64	337.95	0.04	0.107	4.285	14133.258
L4	12.7	DX MIN	Top	-1234.64	-337.95	-0.04	-0.107	-1.116	-14280.000
			Bottom	-1234.64	-337.95	-0.04	-0.107	-4.285	-14133.258

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	12.7	DY MAX	Top	491.95	102.00	0.07	0.184	3.617	4674.914
			Bottom	491.95	102.00	0.07	0.184	5.541	3897.354
L4	12.7	DY MIN	Top	-491.95	-102.00	-0.07	-0.184	-3.617	-4674.914
			Bottom	-491.95	-102.00	-0.07	-0.184	-5.541	-3897.354
L4	12.8	DEAD	Top	-213.09	-3.22	0.00	0.000	-0.015	100.079
			Bottom	-219.83	-3.22	0.00	0.000	-0.086	-85.231
L4	12.8	TORX	Top	40.49	18.15	0.00	0.036	0.107	-769.585
			Bottom	40.49	18.15	0.00	0.036	0.098	754.623
L4	12.8	TORY	Top	49.31	22.22	0.00	0.043	0.137	-942.901
			Bottom	49.31	22.22	0.00	0.043	0.151	923.850
L4	12.8	DX MAX	Top	754.11	455.77	0.03	0.111	0.855	19365.962
			Bottom	754.11	455.77	0.03	0.111	3.449	18927.067
L4	12.8	DX MIN	Top	-754.11	-455.77	-0.03	-0.111	-0.855	-19365.962
			Bottom	-754.11	-455.77	-0.03	-0.111	-3.449	-18927.067
L4	12.8	DY MAX	Top	460.68	158.33	0.06	0.112	3.335	6984.912
			Bottom	460.68	158.33	0.06	0.112	4.083	6309.811
L4	12.8	DY MIN	Top	-460.68	-158.33	-0.06	-0.112	-3.335	-6984.912
			Bottom	-460.68	-158.33	-0.06	-0.112	-4.083	-6309.811
L4	12.9	DEAD	Top	-472.58	0.65	0.00	0.007	-0.118	-2.128
			Bottom	-490.43	0.65	0.00	0.007	-0.298	52.807
L4	12.9	TORX	Top	59.01	35.06	0.00	0.067	0.201	-1564.279
			Bottom	59.01	35.06	0.00	0.067	-0.036	1380.595
L4	12.9	TORY	Top	71.86	42.99	0.00	0.079	0.253	-1919.554
			Bottom	71.86	42.99	0.00	0.079	-0.006	1691.749
L4	12.9	DX MAX	Top	547.72	797.88	0.03	0.862	1.214	33349.088
			Bottom	547.72	797.88	0.03	0.862	3.732	35350.480
L4	12.9	DX MIN	Top	-547.72	-797.88	-0.03	-0.862	-1.214	-33349.088
			Bottom	-547.72	-797.88	-0.03	-0.862	-3.732	-35350.480
L4	12.9	DY MAX	Top	1099.72	443.43	0.09	0.863	6.398	23774.441
			Bottom	1099.72	443.43	0.09	0.863	4.319	13572.255
L4	12.9	DY MIN	Top	-1099.72	-443.43	-0.09	-0.863	-6.398	-23774.441
			Bottom	-1099.72	-443.43	-0.09	-0.863	-4.319	-13572.255
L4	A-6	DEAD	Top	-232.65	-9.24	0.00	0.009	0.049	715.030
			Bottom	-244.06	-9.24	0.00	0.009	0.181	-61.210
L4	A-6	TORX	Top	-74.06	-5.15	0.00	0.034	0.063	301.264
			Bottom	-74.06	-5.15	0.00	0.034	-0.186	-131.136
L4	A-6	TORY	Top	-90.18	-6.31	0.00	0.040	0.004	368.894
			Bottom	-90.18	-6.31	0.00	0.040	-0.229	-161.330
L4	A-6	DX MAX	Top	379.51	36.35	0.08	0.533	1.881	2103.696
			Bottom	379.51	36.35	0.08	0.533	5.769	973.053
L4	A-6	DX MIN	Top	-379.51	-36.35	-0.08	-0.533	-1.881	-2103.696
			Bottom	-379.51	-36.35	-0.08	-0.533	-5.769	-973.053
L4	A-6	DY MAX	Top	1567.42	112.55	0.08	0.580	2.526	6444.994
			Bottom	1567.42	112.55	0.08	0.580	9.347	3021.758

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	A-6	DY MIN	Top	-1567.42	-112.55	-0.08	-0.580	-2.526	-6444.994
			Bottom	-1567.42	-112.55	-0.08	-0.580	-9.347	-3025.758
L4	A-7	DEAD	Top	-239.47	-10.83	0.00	0.000	0.051	475.861
			Bottom	-247.74	-10.83	0.00	0.000	0.204	-433.928
L4	A-7	TORX	Top	-60.13	-13.97	0.00	0.052	0.007	584.051
			Bottom	-60.13	-13.97	0.00	0.052	-0.200	-589.313
L4	A-7	TORY	Top	-73.21	-17.12	0.00	0.065	0.008	716.242
			Bottom	-73.21	-17.12	0.00	0.065	-0.244	-721.782
L4	A-7	DX MAX	Top	407.37	76.52	0.09	0.095	3.206	3685.136
			Bottom	407.37	76.52	0.09	0.095	5.752	2761.628
L4	A-7	DX MIN	Top	-407.37	-76.52	-0.09	-0.095	-3.206	-3685.136
			Bottom	-407.37	-76.52	-0.09	-0.095	-5.752	-2761.628
L4	A-7	DY MAX	Top	1183.16	329.24	0.08	0.158	3.356	13583.166
			Bottom	1183.16	329.24	0.08	0.158	9.166	14100.686
L4	A-7	DY MIN	Top	-1183.16	-329.24	-0.08	-0.158	-3.356	-13583.166
			Bottom	-1183.16	-329.24	-0.08	-0.158	-9.166	-14100.686
L4	A-8	DEAD	Top	-217.64	-11.84	0.00	-0.001	0.051	495.801
			Bottom	-225.38	-11.84	0.00	-0.001	0.208	-569.118
L4	A-8	TORX	Top	-41.55	-19.05	0.00	0.038	0.019	812.017
			Bottom	-41.55	-19.05	0.00	0.038	-0.174	-788.569
L4	A-8	TORY	Top	-50.59	-23.34	0.00	0.045	0.024	995.119
			Bottom	-50.59	-23.34	0.00	0.045	-0.207	-965.777
L4	A-8	DX MAX	Top	451.90	118.81	0.08	0.101	2.191	5617.149
			Bottom	451.90	118.81	0.08	0.101	4.905	4375.066
L4	A-8	DX MIN	Top	-451.90	-118.81	-0.08	-0.101	-2.191	-5617.149
			Bottom	-451.90	-118.81	-0.08	-0.101	-4.905	-4375.066
L4	A-8	DY MAX	Top	673.59	437.18	0.07	0.138	1.869	18247.341
			Bottom	673.59	437.18	0.07	0.138	7.515	18485.036
L4	A-8	DY MIN	Top	-673.59	-437.18	-0.07	-0.138	-1.869	-18247.341
			Bottom	-673.59	-437.18	-0.07	-0.138	-7.515	-18485.036
L4	A-9	DEAD	Top	-459.19	-14.27	0.00	-0.008	0.175	540.614
			Bottom	-477.04	-14.27	0.00	-0.008	0.517	-658.458
L4	A-9	TORX	Top	-54.38	-34.81	0.00	0.093	0.072	1465.256
			Bottom	-54.38	-34.81	0.00	0.093	-0.952	-1458.832
L4	A-9	TORY	Top	-66.22	-42.68	-0.01	0.114	0.088	1799.609
			Bottom	-66.22	-42.68	-0.01	0.114	-0.394	-1785.589
L4	A-9	DX MAX	Top	1175.97	468.98	0.13	0.716	4.708	22966.801
			Bottom	1175.97	468.98	0.13	0.716	7.308	14517.271
L4	A-9	DX MIN	Top	-1175.97	-468.98	-0.13	-0.716	-4.708	-22966.801
			Bottom	-1175.97	-468.98	-0.13	-0.716	-7.308	-14517.271
L4	A-9	DY MAX	Top	423.70	645.16	0.08	1.146	1.700	29718.924
			Bottom	423.70	645.16	0.08	1.146	9.153	26506.741
L4	A-9	DY MIN	Top	-423.70	-645.16	-0.08	-1.146	-1.700	-29718.924
			Bottom	-423.70	-645.16	-0.08	-1.146	-9.153	-26506.741

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	A-10	DEAD							
			Top	-341.13	10.98	0.02	0.162	-0.865	-628.080
			Bottom	-355.05	10.98	0.02	0.162	0.555	294.589
L4	A-10	TORX							
			Top	0.13	-23.50	0.00	0.195	0.036	837.221
			Bottom	0.13	-23.50	0.00	0.195	-0.055	-1136.396
L4	A-10	TORY							
			Top	0.17	-28.82	0.00	0.240	0.043	1028.938
			Bottom	0.17	-28.82	0.00	0.240	-0.067	-1391.647
L4	A-10	DX MAX							
			Top	976.11	394.67	0.03	2.594	1.568	16739.219
			Bottom	976.11	394.67	0.03	2.594	2.974	16446.213
L4	A-10	DX MIN							
			Top	-976.11	-394.67	-0.03	-2.594	-1.568	-16739.219
			Bottom	-976.11	-394.67	-0.03	-2.594	-2.974	-16446.213
L4	A-10	DY MAX							
			Top	739.77	421.18	0.03	1.868	1.249	15815.755
			Bottom	739.77	421.18	0.03	1.868	2.164	20332.856
L4	A-10	DY MIN							
			Top	-739.77	-421.18	-0.03	-1.868	-1.249	-15815.755
			Bottom	-739.77	-421.18	-0.03	-1.868	-2.164	-20332.856
L4	P-6	DEAD							
			Top	-231.64	-9.68	0.00	-0.007	-0.038	715.813
			Bottom	-240.04	-9.68	0.00	-0.007	-0.097	-97.589
L4	P-6	TORX							
			Top	76.59	5.17	0.00	0.038	0.015	-299.812
			Bottom	76.59	5.17	0.00	0.038	-0.136	134.482
L4	P-6	TORY							
			Top	93.28	6.37	0.00	0.045	0.018	-367.709
			Bottom	93.28	6.37	0.00	0.045	-0.167	167.430
L4	P-6	DX MAX							
			Top	391.65	34.16	0.09	0.603	1.629	2077.638
			Bottom	391.65	34.16	0.09	0.603	6.363	806.173
L4	P-6	DX MIN							
			Top	-391.65	-34.16	-0.09	-0.603	-1.629	-2077.638
			Bottom	-391.65	-34.16	-0.09	-0.603	-6.363	-806.173
L4	P-6	DY MAX							
			Top	1665.82	116.71	0.07	0.565	2.175	6303.453
			Bottom	1665.82	116.71	0.07	0.565	8.157	3522.922
L4	P-6	DY MIN							
			Top	-1665.82	-116.71	-0.07	-0.565	-2.175	-6303.453
			Bottom	-1665.82	-116.71	-0.07	-0.565	-8.157	-3522.922
L4	P-7	DEAD							
			Top	-234.28	-10.54	0.00	-0.003	-0.048	470.690
			Bottom	-242.55	-10.54	0.00	-0.003	-0.175	-414.498
L4	P-7	TORX							
			Top	63.98	13.87	0.00	0.050	0.014	-581.503
			Bottom	63.98	13.87	0.00	0.050	-0.163	583.991
L4	P-7	TORY							
			Top	77.86	17.00	0.00	0.062	0.018	-713.315
			Bottom	77.86	17.00	0.00	0.062	-0.197	714.707
L4	P-7	DX MAX							
			Top	418.37	78.75	0.10	0.117	2.004	3763.984
			Bottom	418.37	78.75	0.10	0.117	6.600	2864.841
L4	P-7	DX MIN							
			Top	-418.37	-78.75	-0.10	-0.117	-2.004	-3763.984
			Bottom	-418.37	-78.75	-0.10	-0.117	-6.600	-2864.841
L4	P-7	DY MAX							
			Top	1271.46	308.78	0.08	0.152	2.055	12930.884
			Bottom	1271.46	308.78	0.08	0.152	8.488	13049.556
L4	P-7	DY MIN							
			Top	-1271.46	-308.78	-0.08	-0.152	-2.055	-12930.884
			Bottom	-1271.46	-308.78	-0.08	-0.152	-8.488	-13049.556
L4	P-8	DEAD							
			Top	-208.93	-11.52	0.00	0.000	-0.060	441.806
			Bottom	-216.68	-11.52	0.00	0.000	-0.232	-535.651

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	P-8	TORX							
			Top	45.40	19.37	0.00	0.037	0.020	-833.038
			Bottom	45.40	19.37	0.00	0.037	-0.171	795.116
L4	P-8	TORY							
			Top	55.29	23.72	0.00	0.044	0.025	-1019.532
			Bottom	55.29	23.72	0.00	0.044	-0.204	973.360
L4	P-8	DX MAX							
			Top	446.59	123.76	0.09	0.096	2.073	5794.041
			Bottom	446.59	123.76	0.09	0.096	5.549	4606.981
L4	P-8	DX MIN							
			Top	-446.59	-123.76	-0.09	-0.096	-2.073	-5794.041
			Bottom	-446.59	-123.76	-0.09	-0.096	-5.549	-4606.981
L4	P-8	DY MAX							
			Top	817.88	414.39	0.07	0.133	1.714	17912.351
			Bottom	817.88	414.39	0.07	0.133	7.494	16907.953
L4	P-8	DY MIN							
			Top	-817.88	-414.39	-0.07	-0.133	-1.714	-17912.351
			Bottom	-817.88	-414.39	-0.07	-0.133	-7.494	-16907.953
L4	P-9	DEAD							
			Top	-447.21	2.20	-0.01	-0.012	-0.215	369.778
			Bottom	-485.06	2.20	-0.01	-0.012	-0.670	554.617
L4	P-9	TORX							
			Top	65.19	41.83	-0.01	0.086	0.060	-1741.868
			Bottom	65.19	41.83	-0.01	0.086	-0.382	1771.127
L4	P-9	TORY							
			Top	79.49	51.30	-0.01	0.106	0.074	-2138.773
			Bottom	79.49	51.30	-0.01	0.106	-0.467	2170.045
L4	P-9	DX MAX							
			Top	1163.30	456.77	0.14	0.699	4.677	23684.240
			Bottom	1163.30	456.77	0.14	0.699	7.870	14878.390
L4	P-9	DX MIN							
			Top	-1163.30	-456.77	-0.14	-0.699	-4.677	-23684.240
			Bottom	-1163.30	-456.77	-0.14	-0.699	-7.870	-14878.390
L4	P-9	DY MAX							
			Top	765.57	865.72	0.10	1.256	2.868	34589.018
			Bottom	765.57	865.72	0.10	1.256	10.945	39649.596
L4	P-9	DY MIN							
			Top	-765.57	-865.72	-0.10	-1.256	-2.868	-34589.018
			Bottom	-765.57	-865.72	-0.10	-1.256	-10.945	-39649.596
L4	P-10	DEAD							
			Top	-338.92	12.20	-0.02	-0.046	0.836	-1081.386
			Bottom	-352.84	12.20	-0.02	-0.046	-0.466	-56.867
L4	P-10	TORX							
			Top	-5.55	31.56	0.00	0.221	0.019	-1109.095
			Bottom	-5.55	31.56	0.00	0.221	-0.079	1542.351
L4	P-10	TORY							
			Top	-6.81	38.71	0.00	0.271	0.022	-1362.639
			Bottom	-6.81	38.71	0.00	0.271	-0.096	1889.248
L4	P-10	DX MAX							
			Top	917.16	441.72	0.03	2.412	1.666	16570.729
			Bottom	917.16	441.72	0.03	2.412	2.953	20550.405
L4	P-10	DX MIN							
			Top	-917.16	-441.72	-0.03	-2.412	-1.666	-16570.729
			Bottom	-917.16	-441.72	-0.03	-2.412	-2.953	-20550.405
L4	P-10	DY MAX							
			Top	785.50	615.79	0.03	2.588	1.340	22243.396
			Bottom	785.50	615.79	0.03	2.588	3.655	29884.963
L4	P-10	DY MIN							
			Top	-785.50	-615.79	-0.03	-2.588	-1.340	-22243.396
			Bottom	-785.50	-615.79	-0.03	-2.588	-3.655	-29884.963
L4	12.11	DEAD							
			Top	-365.99	12.18	-0.01	-0.152	0.913	-866.499
			Bottom	-379.90	12.18	-0.01	-0.152	-0.290	156.648
L4	12.11	TORX							
			Top	6.61	22.47	0.00	0.174	0.063	-978.842
			Bottom	6.61	22.47	0.00	0.174	-0.071	1009.026

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L4	12.11	TORY							
			Top	7.93	27.54	0.00	0.213	0.077	-1078.592
			Bottom	7.93	27.54	0.00	0.213	-0.087	1235.025
L4	12.11	DX MAX							
			Top	771.29	498.76	0.02	2.220	1.293	19146.746
			Bottom	771.29	498.76	0.02	2.220	0.669	23211.698
L4	12.11	DX MIN							
			Top	-771.29	-498.76	-0.02	-2.220	-1.293	-19146.746
			Bottom	-771.29	-498.76	-0.02	-2.220	-0.669	-23211.698
L4	12.11	DY MAX							
			Top	842.82	339.34	0.03	2.122	2.123	14879.171
			Bottom	842.82	339.34	0.03	2.122	2.397	13649.150
L4	12.11	DY MIN							
			Top	-842.82	-339.34	-0.03	-2.122	-2.123	-14879.171
			Bottom	-842.82	-339.34	-0.03	-2.122	-2.397	-13649.150
L3	1.1	DEAD							
			Top	-351.50	42.20	-0.01	-0.112	-0.459	-1109.917
			Bottom	-372.23	42.20	-0.01	-0.112	-1.386	4122.372
L3	1.1	TORX							
			Top	21.82	-30.58	0.00	-0.039	0.029	1632.854
			Bottom	21.82	-30.58	0.00	-0.039	-0.456	-2158.837
L3	1.1	TORY							
			Top	26.65	-37.38	0.00	-0.057	0.039	1996.513
			Bottom	26.65	-37.38	0.00	-0.057	-0.565	-2638.489
L3	1.1	DX MAX							
			Top	851.47	637.43	0.04	2.027	0.871	35543.855
			Bottom	851.47	637.43	0.04	2.027	5.416	43590.851
L3	1.1	DX MIN							
			Top	-851.47	-637.43	-0.04	-2.027	-0.871	-35543.855
			Bottom	-851.47	-637.43	-0.04	-2.027	-5.416	-43590.851
L3	1.1	DY MAX							
			Top	1302.50	278.86	0.07	4.231	2.340	14217.343
			Bottom	1302.50	278.86	0.07	4.231	7.473	20435.378
L3	1.1	DY MIN							
			Top	-1302.50	-278.86	-0.07	-4.231	-2.340	-14317.343
			Bottom	-1302.50	-278.86	-0.07	-4.231	-7.473	-20435.378
L3	1.2	DEAD							
			Top	-525.75	49.50	-0.01	0.105	0.076	-2609.783
			Bottom	-551.91	49.50	-0.01	0.105	-0.819	3527.827
L3	1.2	TORX							
			Top	63.93	-39.61	-0.01	-0.002	0.026	1844.315
			Bottom	63.93	-39.61	-0.01	-0.002	-0.825	-3066.956
L3	1.2	TORY							
			Top	77.93	-48.35	-0.01	-0.010	0.035	2253.261
			Bottom	77.93	-48.35	-0.01	-0.010	-1.033	-3743.699
L3	1.2	DX MAX							
			Top	455.03	1184.15	0.05	4.935	1.078	52580.493
			Bottom	455.03	1184.15	0.05	4.935	6.110	95074.326
L3	1.2	DX MIN							
			Top	-455.03	-1184.15	-0.05	-4.935	-1.078	-52580.493
			Bottom	-455.03	-1184.15	-0.05	-4.935	-6.110	-95074.326
L3	1.2	DY MAX							
			Top	1239.55	108.11	0.24	10.836	3.734	6187.712
			Bottom	1239.55	108.11	0.24	10.836	26.572	8827.491
L3	1.2	DY MIN							
			Top	-1239.55	-108.11	-0.24	-10.836	-3.734	-6187.712
			Bottom	-1239.55	-108.11	-0.24	-10.836	-26.572	-8827.491
L3	1.3	DEAD							
			Top	-358.54	14.57	0.00	-0.012	0.069	-882.930
			Bottom	-370.16	14.57	0.00	-0.012	-0.403	923.505
L3	1.3	TORX							
			Top	46.22	-12.67	0.00	0.124	0.013	769.265
			Bottom	46.22	-12.67	0.00	0.124	-0.394	-801.947
L3	1.3	TORY							
			Top	56.13	-15.46	0.00	0.177	0.012	918.905
			Bottom	56.13	-15.46	0.00	0.177	-0.476	-978.407

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	1.3	DX MAX							
			Top	873.94	404.08	0.05	0.776	1.315	24374.878
			Bottom	873.94	404.08	0.05	0.776	5.263	25744.531
L3	1.3	DX MIN							
			Top	-873.94	-404.08	-0.05	-0.776	-1.315	-24374.878
			Bottom	-873.94	-404.08	-0.05	-0.776	-5.263	-25744.531
L3	1.3	DY MAX							
			Top	460.79	37.88	0.19	0.871	3.604	2229.500
			Bottom	460.79	37.88	0.19	0.871	20.477	2514.693
L3	1.3	DY MIN							
			Top	-460.79	-37.88	-0.19	-0.871	-3.604	-2229.500
			Bottom	-460.79	-37.88	-0.19	-0.871	-20.477	-2514.693
L3	1.4	DEAD							
			Top	-271.19	12.72	0.00	0.019	0.058	-764.860
			Bottom	-280.21	12.72	0.00	0.019	-0.418	812.653
L3	1.4	TORX							
			Top	58.02	-11.70	0.00	-0.074	0.040	677.883
			Bottom	58.02	-11.70	0.00	-0.074	-0.466	-772.708
L3	1.4	TORY							
			Top	70.66	-14.26	-0.01	-0.123	0.053	826.626
			Bottom	70.66	-14.26	-0.01	-0.123	-0.578	-942.013
L3	1.4	DX MAX							
			Top	1346.47	391.56	0.05	0.856	0.952	22602.399
			Bottom	1346.47	391.56	0.05	0.856	5.405	25970.909
L3	1.4	DX MIN							
			Top	-1346.47	-391.56	-0.05	-0.856	-0.952	-22602.399
			Bottom	-1346.47	-391.56	-0.05	-0.856	-5.405	-25970.909
L3	1.4	DY MAX							
			Top	394.63	46.06	0.24	3.715	4.522	3548.883
			Bottom	394.63	46.06	0.24	3.715	26.003	3175.639
L3	1.4	DY MIN							
			Top	-394.63	-46.06	-0.24	-3.715	-4.522	-3548.883
			Bottom	-394.63	-46.06	-0.24	-3.715	-26.003	-3175.639
L3	1.5	DEAD							
			Top	-274.69	7.69	0.00	0.001	0.046	-797.979
			Bottom	-287.09	7.69	0.00	0.001	-0.440	155.981
L3	1.5	TORX							
			Top	78.43	-7.30	0.00	0.244	0.008	448.562
			Bottom	78.43	-7.30	0.00	0.244	-0.409	-436.586
L3	1.5	TORY							
			Top	95.53	-8.89	0.00	0.347	0.011	570.341
			Bottom	95.53	-8.89	0.00	0.347	-0.506	-531.861
L3	1.5	DX MAX							
			Top	2100.60	252.71	0.06	0.268	1.304	15232.384
			Bottom	2100.60	252.71	0.06	0.268	6.366	16108.646
L3	1.5	DX MIN							
			Top	-2100.60	-252.71	-0.06	-0.268	-1.304	-15232.384
			Bottom	-2100.60	-252.71	-0.06	-0.268	-6.366	-16108.646
L3	1.5	DY MAX							
			Top	348.32	37.29	0.29	0.511	5.469	1872.349
			Bottom	348.32	37.29	0.29	0.511	30.854	2838.277
L3	1.5	DY MIN							
			Top	-348.32	-37.29	-0.29	-0.511	-5.469	-1872.349
			Bottom	-348.32	-37.29	-0.29	-0.511	-30.854	-2838.277
L3	1.11	DEAD							
			Top	-428.77	-85.74	0.02	-0.058	-0.294	3880.537
			Bottom	-449.31	-85.74	0.02	-0.058	2.292	-6751.160
L3	1.11	TORX							
			Top	-24.07	-28.42	0.00	-0.069	0.013	1495.677
			Bottom	-24.07	-28.42	0.00	-0.069	-0.021	-2028.120
L3	1.11	TORY							
			Top	-29.40	-34.74	0.00	-0.089	0.014	1829.403
			Bottom	-29.40	-34.74	0.00	-0.089	-0.025	2478.865
L3	1.11	DX MAX							
			Top	1024.94	419.68	0.09	1.034	1.813	23421.049
			Bottom	1024.94	419.68	0.09	1.034	9.644	28853.960

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	1.11	DX MIN							
			Top	-1024.94	-419.68	-0.09	-3.034	-1.813	-23421.039
			Bottom	-1024.94	-419.68	-0.09	-3.034	-9.644	-28853.860
L3	1.11	DY MAX							
			Top	1214.22	533.90	0.05	2.738	1.099	29499.786
			Bottom	1214.22	533.90	0.05	2.738	6.909	36751.287
L3	1.11	DY MIN							
			Top	-1214.22	-533.90	-0.05	-2.738	-1.099	-29499.786
			Bottom	-1214.22	-533.90	-0.05	-2.738	-6.909	-36751.287
L3	12.1	DEAD							
			Top	-377.84	18.98	0.00	0.076	0.352	-532.248
			Bottom	-398.57	18.98	0.00	0.076	0.513	1821.568
L3	12.1	TORX							
			Top	-14.11	28.98	0.00	0.131	-0.035	-1659.030
			Bottom	-14.11	28.98	0.00	0.131	-0.183	1933.454
L3	12.1	TORY							
			Top	-17.24	35.50	0.00	0.177	-0.044	-2035.566
			Bottom	-17.24	35.50	0.00	0.177	-0.214	3268.325
L3	12.1	DX MAX							
			Top	791.28	550.58	0.03	1.215	1.264	30640.832
			Bottom	791.28	550.58	0.03	1.215	2.631	37899.020
L3	12.1	DX MIN							
			Top	-791.28	-550.58	-0.03	-1.215	-1.264	-30640.832
			Bottom	-791.28	-550.58	-0.03	-1.215	-2.631	-37899.020
L3	12.1	DY MAX							
			Top	1093.59	127.61	0.03	2.606	1.853	6950.037
			Bottom	1093.59	127.61	0.03	2.606	3.879	8923.487
L3	12.1	DY MIN							
			Top	-1093.59	-127.61	-0.03	-2.606	-1.853	-6950.037
			Bottom	-1093.59	-127.61	-0.03	-2.606	-3.879	-8923.487
L3	12.2	DEAD							
			Top	-530.97	26.73	0.01	-0.150	-0.160	-1474.176
			Bottom	-557.13	26.73	0.01	-0.150	0.476	1840.516
L3	12.2	TORX							
			Top	-63.68	38.86	0.00	0.010	-0.047	-2156.209
			Bottom	-63.68	38.86	0.00	0.010	-0.348	2662.084
L3	12.2	TORY							
			Top	-77.62	47.49	0.00	-0.007	-0.056	-2639.469
			Bottom	-77.62	47.49	0.00	-0.007	-0.410	3249.860
L3	12.2	DX MAX							
			Top	622.97	817.59	0.09	4.458	2.121	41703.116
			Bottom	622.97	817.59	0.09	4.458	8.684	60792.749
L3	12.2	DX MIN							
			Top	-622.97	-817.59	-0.09	-4.458	-2.121	-41703.116
			Bottom	-622.97	-817.59	-0.09	-4.458	-8.684	-60792.749
L3	12.2	DY MAX							
			Top	1155.34	85.55	0.11	4.574	2.028	3955.060
			Bottom	1155.34	85.55	0.11	4.574	12.910	7021.884
L3	12.2	DY MIN							
			Top	-1155.34	-85.55	-0.11	-4.574	-2.028	-3955.060
			Bottom	-1155.34	-85.55	-0.11	-4.574	-12.910	-7021.884
L3	12.3	DEAD							
			Top	-254.19	6.64	0.00	-0.034	-0.052	-389.302
			Bottom	-265.82	6.64	0.00	-0.034	0.092	434.284
L3	12.3	TORX							
			Top	-47.10	13.50	0.00	0.206	-0.070	-821.708
			Bottom	-47.10	13.50	0.00	0.206	-0.031	851.856
L3	12.3	TORY							
			Top	-57.41	16.48	0.00	0.297	-0.098	-1003.315
			Bottom	-57.41	16.48	0.00	0.297	0.011	1040.382
L3	12.3	DX MAX							
			Top	902.74	307.14	0.07	1.012	1.791	18609.761
			Bottom	902.74	307.14	0.07	1.012	6.959	19493.670
L3	12.3	DX MIN							
			Top	-902.74	-307.14	-0.07	-1.012	-1.791	-18609.761
			Bottom	-902.74	-307.14	-0.07	-1.012	-6.959	-19493.670

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	12.3	DY MAX							
			Top	431.75	33.80	0.08	1.359	1.331	1919.301
			Bottom	431.75	33.80	0.08	1.359	8.499	3299.670
L3	12.3	DY MIN							
			Top	-431.75	-33.80	-0.08	-1.359	-1.331	-1919.301
			Bottom	-431.75	-33.80	-0.08	-1.359	-8.499	-3299.670
L3	12.4	DEAD							
			Top	-269.17	2.52	0.00	-0.064	-0.029	-167.903
			Bottom	-281.18	2.52	0.00	-0.064	0.005	144.698
L3	12.4	TORX							
			Top	-63.24	9.95	0.00	-0.105	-0.052	-597.395
			Bottom	-63.24	9.95	0.00	-0.105	-0.031	635.934
L3	12.4	TORY							
			Top	-77.13	12.07	0.00	-0.173	-0.072	-724.984
			Bottom	-77.13	12.07	0.00	-0.173	-0.005	772.214
L3	12.4	DX MAX							
			Top	1408.33	237.24	0.09	1.303	2.124	14069.170
			Bottom	1408.33	237.24	0.09	1.303	8.517	15378.411
L3	12.4	DX MIN							
			Top	-1408.33	-237.24	-0.09	-1.303	-2.124	-14069.170
			Bottom	-1408.33	-237.24	-0.09	-1.303	-8.517	-15378.411
L3	12.4	DY MAX							
			Top	377.32	38.99	0.10	2.041	1.660	2225.439
			Bottom	377.32	38.99	0.10	2.041	10.476	2619.559
L3	12.4	DY MIN							
			Top	-377.32	-38.99	-0.10	-2.041	-1.660	-2225.439
			Bottom	-377.32	-38.99	-0.10	-2.041	-10.476	-2619.559
L3	12.5	DEAD							
			Top	-261.71	0.39	0.00	-0.082	0.019	-290.044
			Bottom	-274.11	0.39	0.00	-0.082	-0.087	-241.244
L3	12.5	TORX							
			Top	-75.34	4.18	0.00	0.309	-0.071	-310.134
			Bottom	-75.34	4.18	0.00	0.309	0.030	208.084
L3	12.5	TORY							
			Top	-91.67	4.97	0.00	0.452	-0.098	-371.781
			Bottom	-91.67	4.97	0.00	0.452	0.073	245.008
L3	12.5	DX MAX							
			Top	1885.97	107.10	0.09	0.824	2.271	7243.093
			Bottom	1885.97	107.10	0.09	0.824	9.211	6044.444
L3	12.5	DX MIN							
			Top	-1885.97	-107.10	-0.09	-0.824	-2.271	-7243.093
			Bottom	-1885.97	-107.10	-0.09	-0.824	-9.211	-6044.444
L3	12.5	DY MAX							
			Top	345.17	31.26	0.11	0.763	1.914	1641.867
			Bottom	345.17	31.26	0.11	0.763	11.655	2267.364
L3	12.5	DY MIN							
			Top	-345.17	-31.26	-0.11	-0.763	-1.914	-1641.867
			Bottom	-345.17	-31.26	-0.11	-0.763	-11.655	-2267.364
L3	A-1	DEAD							
			Top	-372.33	11.90	0.00	-0.110	-0.369	-191.868
			Bottom	-393.06	11.90	0.00	-0.110	-0.628	1283.826
L3	A-1	TORX							
			Top	5.38	-21.78	0.00	0.162	0.044	1141.069
			Bottom	5.38	-21.78	0.00	0.162	-0.150	-1359.462
L3	A-1	TORY							
			Top	6.49	-26.79	0.00	0.223	0.049	1404.757
			Bottom	6.49	-26.79	0.00	0.223	-0.166	-1916.622
L3	A-1	DX MAX							
			Top	1095.14	392.09	0.04	2.588	1.443	23585.416
			Bottom	1095.14	392.09	0.04	2.588	5.081	25050.297
L3	A-1	DX MIN							
			Top	-1095.14	-392.09	-0.04	-2.588	-1.443	-23585.416
			Bottom	-1095.14	-392.09	-0.04	-2.588	-5.081	-25050.297
L3	A-1	DY MAX							
			Top	829.37	327.34	0.02	2.913	1.539	18276.929
			Bottom	829.37	327.34	0.02	2.913	2.666	22824.404

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	A-1	DY MIN							
			Top	-829.37	-327.34	-0.02	-2.913	-1.539	-18276.929
			Bottom	-829.37	-327.34	-0.02	-2.913	-2.666	-22824.404
L3	A-2	DEAD							
			Top	-497.64	20.93	-0.01	0.109	0.136	-1335.332
			Bottom	-523.80	20.93	-0.01	0.109	-0.717	1259.956
L3	A-2	TORX							
			Top	56.30	-23.86	0.00	0.057	0.084	1130.167
			Bottom	56.30	-23.86	0.00	0.057	-0.209	-1828.813
L3	A-2	TORY							
			Top	68.65	-29.29	0.00	0.057	0.095	1390.900
			Bottom	68.65	-29.29	0.00	0.057	-0.264	-2241.323
L3	A-2	DX MAX							
			Top	1283.03	334.34	0.15	5.432	2.409	23033.943
			Bottom	1283.03	334.34	0.15	5.432	17.063	18535.382
L3	A-2	DX MIN							
			Top	-1283.03	-334.34	-0.15	-5.432	-2.409	-23033.943
			Bottom	-1283.03	-334.34	-0.15	-5.432	-17.063	-18535.382
L3	A-2	DY MAX							
			Top	596.55	597.86	0.08	3.143	1.196	30480.086
			Bottom	596.55	597.86	0.08	3.143	8.635	45289.313
L3	A-2	DY MIN							
			Top	-596.55	-597.86	-0.08	-3.143	-1.196	-30480.086
			Bottom	-596.55	-597.86	-0.08	-3.143	-8.635	-45289.313
L3	A-3	DEAD							
			Top	-234.47	7.36	0.00	0.016	0.049	-477.896
			Bottom	-238.10	7.36	0.00	0.016	-0.245	434.396
L3	A-3	TORX							
			Top	41.20	-9.83	0.00	0.178	-0.012	611.420
			Bottom	41.20	-9.83	0.00	0.178	0.087	-608.028
L3	A-3	TORY							
			Top	50.23	-12.03	0.00	0.256	-0.031	748.076
			Bottom	50.23	-12.03	0.00	0.256	0.162	-743.543
L3	A-3	DX MAX							
			Top	519.97	103.84	0.12	1.319	2.407	6801.074
			Bottom	519.97	103.84	0.12	1.319	12.702	6077.459
L3	A-3	DX MIN							
			Top	-519.97	-103.84	-0.12	-1.319	-2.407	-6801.074
			Bottom	-519.97	-103.84	-0.12	-1.319	-12.702	-6077.459
L3	A-3	DY MAX							
			Top	602.02	264.74	0.07	1.826	1.497	16370.208
			Bottom	602.02	264.74	0.07	1.826	7.384	16468.923
L3	A-3	DY MIN							
			Top	-602.02	-264.74	-0.07	-1.826	-1.497	-16370.208
			Bottom	-602.02	-264.74	-0.07	-1.826	-7.384	-16468.923
L3	A-4	DEAD							
			Top	-327.88	9.10	0.00	0.021	0.044	-595.040
			Bottom	-239.90	9.10	0.00	0.021	-0.233	532.892
L3	A-4	TORX							
			Top	54.05	-10.17	0.00	0.066	0.003	612.056
			Bottom	54.05	-10.17	0.00	-0.065	0.110	-649.230
L3	A-4	TORY							
			Top	65.85	-12.41	0.00	-0.113	-0.008	747.034
			Bottom	65.85	-12.41	0.00	-0.113	0.132	-792.075
L3	A-4	DX MAX							
			Top	494.04	87.31	0.14	0.819	2.350	5670.382
			Bottom	494.04	87.31	0.14	0.819	15.301	5152.181
L3	A-4	DX MIN							
			Top	-494.04	-87.31	-0.14	-0.819	-2.350	-5670.382
			Bottom	-494.04	-87.31	-0.14	-0.819	-15.301	-5152.181
L3	A-4	DY MAX							
			Top	982.48	280.33	0.10	0.696	1.781	16889.829
			Bottom	982.48	280.33	0.10	0.696	10.060	17869.642
L3	A-4	DY MIN							
			Top	-982.48	-280.33	-0.10	-0.696	-1.781	-16889.829
			Bottom	-982.48	-280.33	-0.10	-0.696	-10.060	-17869.642

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	A-5	DEAD							
			Top	-206.24	28.32	0.00	0.022	0.018	-2029.784
			Bottom	-218.64	28.32	0.00	0.022	-0.213	1482.204
L3	A-5	TORX							
			Top	63.79	-19.64	0.00	0.198	0.004	1285.493
			Bottom	63.79	-19.64	0.00	0.198	0.143	-1149.579
L3	A-5	TORY							
			Top	77.73	-23.93	0.00	0.286	-0.005	1566.676
			Bottom	77.73	-23.93	0.00	0.286	0.257	-1401.326
L3	A-5	DX MAX							
			Top	448.84	124.97	0.16	1.714	1.605	8419.173
			Bottom	448.84	124.97	0.16	1.714	18.834	7081.176
L3	A-5	DX MIN							
			Top	-448.84	-124.97	-0.16	-1.714	-1.605	-8419.173
			Bottom	-448.84	-124.97	-0.16	-1.714	-18.834	-7081.176
L3	A-5	DY MAX							
			Top	1300.06	491.51	0.11	1.516	1.144	31662.717
			Bottom	1300.06	491.51	0.11	1.516	12.802	29286.900
L3	A-5	DY MIN							
			Top	-1300.06	-491.51	-0.11	-1.516	-1.144	-31662.717
			Bottom	-1300.06	-491.51	-0.11	-1.516	-12.802	-29286.900
L3	P-1	DEAD							
			Top	-400.10	8.86	0.00	0.095	0.379	60.127
			Bottom	-420.83	8.86	0.00	0.095	0.401	1158.376
L3	P-1	TORX							
			Top	-4.89	40.91	0.00	0.166	0.111	-2371.359
			Bottom	-4.89	40.91	0.00	0.166	-0.337	2700.985
L3	P-1	TORY							
			Top	-5.90	50.29	0.00	0.209	0.139	-2916.530
			Bottom	-5.90	50.29	0.00	0.209	-0.285	3317.962
L3	P-1	DX MAX							
			Top	1132.82	367.61	0.05	2.897	1.877	21934.830
			Bottom	1132.82	367.61	0.05	2.897	5.087	23665.212
L3	P-1	DX MIN							
			Top	-1132.82	-367.61	-0.05	-2.897	-1.877	-21934.830
			Bottom	-1132.82	-367.61	-0.05	-2.897	-5.087	-23665.212
L3	P-1	DY MAX							
			Top	724.61	634.41	0.04	2.270	1.843	36572.482
			Bottom	724.61	634.41	0.04	2.270	2.854	42352.442
L3	P-1	DY MIN							
			Top	-724.61	-634.41	-0.04	-2.270	-1.843	-36572.482
			Bottom	-724.61	-634.41	-0.04	-2.270	-2.854	-42352.442
L3	P-2	DEAD							
			Top	-522.58	4.62	0.01	-0.166	-0.149	-508.863
			Bottom	-548.74	4.62	0.01	-0.166	0.514	63.967
L3	P-2	TORX							
			Top	-63.45	49.80	0.00	0.258	0.020	-2835.192
			Bottom	-63.45	49.80	0.00	0.258	-0.007	3339.398
L3	P-2	TORY							
			Top	-77.34	61.12	0.00	0.345	0.008	-3484.702
			Bottom	-77.34	61.12	0.00	0.345	0.069	4093.835
L3	P-2	DX MAX							
			Top	1296.54	286.29	0.12	6.759	2.216	30343.015
			Bottom	1296.54	286.29	0.12	6.759	14.623	15331.600
L3	P-2	DX MIN							
			Top	-1296.54	-286.29	-0.12	-6.759	-2.216	-30343.015
			Bottom	-1296.54	-286.29	-0.12	-6.759	-14.623	-15331.600
L3	P-2	DY MAX							
			Top	624.12	898.77	0.06	5.616	1.580	48883.257
			Bottom	624.12	898.77	0.06	5.616	5.604	63513.248
L3	P-2	DY MIN							
			Top	-624.12	-898.77	-0.06	-5.616	-1.580	-48883.257
			Bottom	-624.12	-898.77	-0.06	-5.616	-5.604	-63513.248
L3	P-3	DEAD							
			Top	-237.77	1.22	0.00	-0.033	-0.051	-56.182
			Bottom	-249.40	1.22	0.00	-0.033	0.110	94.912

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	P-3	TORX							
			Top	-52.41	17.70	0.00	0.157	-0.054	-1080.711
			Bottom	-52.41	17.70	0.00	0.157	0.267	1114.178
L3	P-3	TORY							
			Top	-63.93	21.67	0.00	0.216	-0.085	-1323.252
			Bottom	-63.93	21.67	0.00	0.216	0.398	1364.003
L3	P-3	DX MAX							
			Top	542.81	91.56	0.09	1.487	1.977	5933.539
			Bottom	542.81	91.56	0.09	1.487	10.114	5424.635
L3	P-3	DX MIN							
			Top	-542.81	-91.56	-0.09	-1.487	-1.977	-5933.539
			Bottom	-542.81	-91.56	-0.09	-1.487	-10.114	-5424.635
L3	P-3	DY MAX							
			Top	886.54	335.75	0.05	1.280	1.263	20387.186
			Bottom	886.54	335.75	0.05	1.280	5.233	21255.935
L3	P-3	DY MIN							
			Top	-886.54	-335.75	-0.05	-1.280	-1.263	-20387.186
			Bottom	-886.54	-335.75	-0.05	-1.280	-5.233	-21255.935
L3	P-4	DEAD							
			Top	-242.64	-2.01	0.00	-0.060	-0.034	89.051
			Bottom	-254.65	-2.01	0.00	-0.060	0.044	-160.085
L3	P-4	TORX							
			Top	-68.25	12.76	0.00	0.028	-0.067	-779.710
			Bottom	-68.25	12.76	0.00	0.028	0.368	801.951
L3	P-4	TORY							
			Top	-83.23	15.56	0.01	0.024	-0.102	-951.084
			Bottom	-83.23	15.56	0.01	0.024	0.531	979.158
L3	P-4	DX MAX							
			Top	512.72	52.57	0.11	1.566	2.327	3532.724
			Bottom	512.72	52.57	0.11	1.566	12.037	2996.290
L3	P-4	DX MIN							
			Top	-512.72	-52.57	-0.11	-1.566	-2.327	-3532.724
			Bottom	-512.72	-52.57	-0.11	-1.566	-12.037	-2996.290
L3	P-4	DY MAX							
			Top	1303.08	249.92	0.06	1.194	1.355	15099.264
			Bottom	1303.08	249.92	0.06	1.194	6.156	15907.965
L3	P-4	DY MIN							
			Top	-1303.08	-249.92	-0.06	-1.194	-1.355	-15099.264
			Bottom	-1303.08	-249.92	-0.06	-1.194	-6.156	-15907.965
L3	P-5	DEAD							
			Top	-232.19	0.37	0.00	-0.058	0.004	-237.928
			Bottom	-244.59	0.37	0.00	-0.058	-0.040	-191.456
L3	P-5	TORX							
			Top	-84.96	6.33	0.00	0.150	-0.079	-433.862
			Bottom	-84.96	6.33	0.00	0.150	0.453	350.558
L3	P-5	TORY							
			Top	-103.52	7.64	0.01	0.208	-0.115	-525.315
			Bottom	-103.52	7.64	0.01	0.208	0.632	423.238
L3	P-5	DX MAX							
			Top	488.85	20.07	0.12	0.618	2.484	1744.553
			Bottom	488.85	20.07	0.12	0.618	12.935	826.248
L3	P-5	DX MIN							
			Top	-488.85	-20.07	-0.12	-0.618	-2.484	-1744.553
			Bottom	-488.85	-20.07	-0.12	-0.618	-12.935	-826.248
L3	P-5	DY MAX							
			Top	1767.68	127.43	0.07	0.777	1.503	8333.872
			Bottom	1767.68	127.43	0.07	0.777	7.338	7474.254
L3	P-5	DY MIN							
			Top	-1767.68	-127.43	-0.07	-0.777	-1.503	-8333.872
			Bottom	-1767.68	-127.43	-0.07	-0.777	-7.338	-7474.254
L3	1.6	DEAD							
			Top	-264.87	-3.61	0.00	0.017	0.049	574.929
			Bottom	-277.27	-3.61	0.00	0.017	-0.374	126.759
L3	1.6	TORX							
			Top	-80.51	-7.80	0.00	0.251	-0.037	497.428
			Bottom	-80.51	-7.80	0.00	0.251	-0.051	-470.107

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	1.6	TORY							
			Top	-98.09	-9.51	0.00	0.361	-0.043	606.341
			Bottom	-98.09	-9.51	0.00	0.361	-0.077	-573.284
L3	1.6	DX MAX							
			Top	2077.09	262.97	0.07	0.455	1.270	15698.833
			Bottom	2077.09	262.97	0.07	0.455	6.853	16913.178
L3	1.6	DX MIN							
			Top	-2077.09	-262.97	-0.07	-0.455	-1.270	-15698.833
			Bottom	-2077.09	-262.97	-0.07	-0.455	-6.853	-16913.178
L3	1.6	DY MAX							
			Top	631.06	70.19	0.31	1.006	5.713	4746.888
			Bottom	631.06	70.19	0.31	1.006	32.330	3980.650
L3	1.6	DY MIN							
			Top	-631.06	-70.19	-0.31	-1.006	-5.713	-4746.888
			Bottom	-631.06	-70.19	-0.31	-1.006	-32.330	-3980.650
L3	1.7	DEAD							
			Top	-276.96	-6.78	0.00	-0.039	0.083	431.112
			Bottom	-289.17	-6.78	0.00	-0.039	-0.351	-409.967
L3	1.7	TORX							
			Top	-60.01	-12.45	0.00	-0.085	-0.060	720.803
			Bottom	-69.01	-12.45	0.00	-0.085	0.004	-822.691
L3	1.7	TORY							
			Top	-73.09	-15.18	0.00	-0.140	-0.073	879.435
			Bottom	-73.09	-15.18	0.00	-0.140	-0.004	-1003.452
L3	1.7	DX MAX							
			Top	1306.62	403.56	0.06	0.949	1.236	23181.664
			Bottom	1306.62	403.56	0.06	0.949	6.493	26881.249
L3	1.7	DX MIN							
			Top	-1306.62	-403.56	-0.06	-0.949	-1.236	-23181.664
			Bottom	-1306.62	-403.56	-0.06	-0.949	-6.493	-26881.249
L3	1.7	DY MAX							
			Top	590.48	120.21	0.26	4.497	4.685	7415.084
			Bottom	590.48	120.21	0.26	4.497	27.149	7495.129
L3	1.7	DY MIN							
			Top	-590.48	-120.21	-0.26	-4.497	-4.685	-7415.084
			Bottom	-590.48	-120.21	-0.26	-4.497	-27.149	-7495.129
L3	1.8	DEAD							
			Top	-264.98	-9.29	0.00	0.015	0.028	581.491
			Bottom	-278.41	-9.29	0.00	0.015	-0.267	-570.200
L3	1.8	TORX							
			Top	-66.89	-12.70	0.00	0.145	-0.033	774.802
			Bottom	-66.89	-12.70	0.00	0.145	-0.014	-800.125
L3	1.8	TORY							
			Top	-57.14	-15.50	0.00	0.206	-0.034	944.020
			Bottom	-57.14	-15.50	0.00	0.206	-0.037	-976.538
L3	1.8	DX MAX							
			Top	793.61	385.98	0.05	1.076	1.037	23298.206
			Bottom	793.61	385.98	0.05	1.076	5.305	24577.363
L3	1.8	DX MIN							
			Top	-793.61	-385.98	-0.05	-1.076	-1.037	-23298.206
			Bottom	-793.61	-385.98	-0.05	-1.076	-5.305	-24577.363
L3	1.8	DY MAX							
			Top	602.68	138.33	0.19	0.538	3.437	8839.562
			Bottom	602.68	138.33	0.19	0.538	19.978	8316.222
L3	1.8	DY MIN							
			Top	-602.68	-138.33	-0.19	-0.538	-3.437	-8839.562
			Bottom	-602.68	-138.33	-0.19	-0.538	-19.978	-8316.222
L3	1.9	DEAD							
			Top	-581.71	-43.56	-0.01	-0.293	0.393	2680.180
			Bottom	-608.06	-43.56	-0.01	-0.293	-1.424	-2720.712
L3	1.9	TORX							
			Top	-68.38	-40.61	0.00	-0.027	-0.110	1896.303
			Bottom	-68.38	-40.61	0.00	-0.027	0.145	-3139.444
L3	1.9	TORY							
			Top	-83.36	-49.60	0.00	-0.040	-0.138	2316.846
			Bottom	-83.36	-49.60	0.00	-0.040	0.173	-3833.331

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	1.9	DX MAX							
			Top	309.72	1119.09	0.08	4.452	1.674	48241.931
			Bottom	309.72	1119.09	0.08	4.452	8.792	91593.710
L3	1.9	DX MIN							
			Top	-309.72	-1119.09	-0.08	-4.452	-1.674	-48241.931
			Bottom	-309.72	-1119.09	-0.08	-4.452	-8.792	-91593.710
L3	1.9	DY MAX							
			Top	1414.76	520.23	0.22	11.590	3.808	30919.236
			Bottom	1414.76	520.23	0.22	11.590	23.854	33719.030
L3	1.9	DY MIN							
			Top	-1414.76	-520.23	-0.22	-11.590	-3.808	-30919.236
			Bottom	-1414.76	-520.23	-0.22	-11.590	-23.854	-33719.030
L3	12.6	DEAD							
			Top	-244.40	1.28	0.00	0.060	0.008	185.033
			Bottom	-256.80	1.28	0.00	0.060	-0.077	343.804
L3	12.6	TORX							
			Top	76.65	4.18	0.00	0.238	0.051	-312.283
			Bottom	76.65	4.18	0.00	0.238	-0.390	306.200
L3	12.6	TORY							
			Top	93.27	4.97	0.00	0.346	0.077	-373.963
			Bottom	93.27	4.97	0.00	0.346	-0.539	342.180
L3	12.6	DX MAX							
			Top	1871.40	107.78	0.08	0.801	1.886	7258.945
			Bottom	1871.40	107.78	0.08	0.801	7.792	6112.271
L3	12.6	DX MIN							
			Top	-1871.40	-107.78	-0.08	-0.801	-1.886	-7258.945
			Bottom	-1871.40	-107.78	-0.08	-0.801	-7.792	-6112.271
L3	12.6	DY MAX							
			Top	535.47	33.18	0.11	0.355	2.401	2625.366
			Bottom	535.47	33.18	0.11	0.355	11.570	1582.236
L3	12.6	DY MIN							
			Top	-535.47	-33.18	-0.11	-0.355	-2.401	-2625.366
			Bottom	-535.47	-33.18	-0.11	-0.355	-11.570	-1582.236
L3	12.7	DEAD							
			Top	-263.38	0.94	0.00	0.060	-0.033	-34.593
			Bottom	-274.59	0.94	0.00	0.060	0.007	81.845
L3	12.7	TORX							
			Top	65.84	10.31	0.00	-0.011	0.027	-631.113
			Bottom	65.84	10.31	0.00	-0.011	-0.323	657.370
L3	12.7	TORY							
			Top	80.31	12.51	0.00	-0.038	0.046	-753.546
			Bottom	80.31	12.51	0.00	-0.038	-0.452	797.795
L3	12.7	DX MAX							
			Top	1410.49	241.48	0.07	1.637	1.502	14300.095
			Bottom	1410.49	241.48	0.07	1.637	6.624	15676.015
L3	12.7	DX MIN							
			Top	-1410.49	-241.48	-0.07	-1.637	-1.502	-14300.095
			Bottom	-1410.49	-241.48	-0.07	-1.637	-6.624	-15676.015
L3	12.7	DY MAX							
			Top	565.90	78.96	0.09	2.085	1.891	5121.558
			Bottom	565.90	78.96	0.09	2.085	10.248	4673.924
L3	12.7	DY MIN							
			Top	-565.90	-78.96	-0.09	-2.085	-1.891	-5121.558
			Bottom	-565.90	-78.96	-0.09	-2.085	-10.248	-4673.924
L3	12.8	DEAD							
			Top	-245.62	-2.55	0.00	0.017	-0.049	141.855
			Bottom	-257.05	-2.55	0.00	0.017	0.075	-174.411
L3	12.8	TORX							
			Top	48.28	13.78	0.00	0.171	0.025	-842.149
			Bottom	48.28	13.78	0.00	0.171	-0.244	866.543
L3	12.8	TORY							
			Top	58.87	16.83	0.00	0.238	0.045	-1038.385
			Bottom	58.87	16.83	0.00	0.238	-0.351	1058.454
L3	12.8	DX MAX							
			Top	870.43	301.26	0.06	1.269	1.473	18277.933
			Bottom	870.43	301.26	0.06	1.269	5.659	19094.802

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	12.8	DX MIN							
			Top	-870.43	-301.26	-0.06	-1.269	-1.473	-18277.933
			Bottom	-870.43	-301.26	-0.06	-1.269	-5.659	-19094.802
L3	12.8	DY MAX							
			Top	540.81	114.81	0.08	0.940	1.553	7349.191
			Bottom	540.81	114.81	0.08	0.940	8.161	6889.460
L3	12.8	DY MIN							
			Top	-540.81	-114.81	-0.08	-0.940	-1.553	-7349.191
			Bottom	-540.81	-114.81	-0.08	-0.940	-8.161	-6889.460
L3	12.9	DEAD							
			Top	-542.38	-17.26	0.00	0.134	-0.130	1049.412
			Bottom	-568.63	-17.26	0.00	0.134	0.385	-1090.716
L3	12.9	TORX							
			Top	69.19	42.76	0.00	0.240	-0.081	-2406.064
			Bottom	69.19	42.76	0.00	0.240	0.070	2895.914
L3	12.9	TORY							
			Top	84.39	52.28	0.00	0.315	-0.091	-2946.659
			Bottom	84.39	52.28	0.00	0.315	0.039	3536.004
L3	12.9	DX MAX							
			Top	587.27	819.87	0.08	6.410	1.588	41625.662
			Bottom	587.27	819.87	0.08	6.410	6.279	41206.194
L3	12.9	DX MIN							
			Top	-587.27	-819.87	-0.08	-6.410	-1.588	-41625.662
			Bottom	-587.27	-819.87	-0.08	-6.410	-6.279	-41206.194
L3	12.9	DY MAX							
			Top	1274.52	410.04	0.09	6.606	2.275	27631.256
			Bottom	1274.52	410.04	0.09	6.606	10.790	23319.193
L3	12.9	DY MIN							
			Top	-1274.52	-410.04	-0.09	-6.606	-2.275	-27631.256
			Bottom	-1274.52	-410.04	-0.09	-6.606	-10.790	-23319.193
L3	A-6	DEAD							
			Top	-276.03	-6.89	0.00	0.001	0.042	754.569
			Bottom	-288.43	-6.89	0.00	0.001	-0.359	-99.816
L3	A-6	TORX							
			Top	-89.16	-7.66	0.00	0.207	-0.026	489.203
			Bottom	-89.16	-7.66	0.00	0.207	0.371	-460.901
L3	A-6	TORY							
			Top	-108.64	-9.36	0.00	0.287	-0.034	597.382
			Bottom	-108.64	-9.36	0.00	0.287	0.459	-563.359
L3	A-6	DX MAX							
			Top	397.64	28.06	0.13	0.948	1.707	14462.187
			Bottom	397.64	28.06	0.13	0.948	14.419	2197.844
L3	A-6	DX MIN							
			Top	-397.64	-28.06	-0.13	-0.948	-1.707	-14462.187
			Bottom	-397.64	-28.06	-0.13	-0.948	-14.419	-2197.844
L3	A-6	DY MAX							
			Top	1941.33	231.70	0.16	0.653	3.316	13983.795
			Bottom	1941.33	231.70	0.16	0.653	16.760	14752.585
L3	A-6	DY MIN							
			Top	-1941.33	-231.70	-0.16	-0.653	-3.316	-13983.795
			Bottom	-1941.33	-231.70	-0.16	-0.653	-16.760	-14752.585
L3	A-7	DEAD							
			Top	-276.35	-11.58	0.00	-0.031	0.056	690.875
			Bottom	-288.46	-11.58	0.00	-0.031	-0.358	-745.432
L3	A-7	TORX							
			Top	-64.52	-12.39	0.00	-0.045	-0.059	705.415
			Bottom	-64.52	-12.39	0.00	-0.045	0.433	-831.244
L3	A-7	TORY							
			Top	-78.59	-15.15	0.00	-0.082	-0.071	862.555
			Bottom	-78.59	-15.15	0.00	-0.082	0.530	-1015.824
L3	A-7	DX MAX							
			Top	448.85	35.85	0.12	1.195	1.585	2028.408
			Bottom	448.85	35.85	0.12	1.195	13.726	2453.140
L3	A-7	DX MIN							
			Top	-448.85	-35.85	-0.12	-1.195	-1.585	-2028.408
			Bottom	-448.85	-35.85	-0.12	-1.195	-13.726	-2453.140

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	A-7	DY MAX							
			Top	1256.01	361.29	0.15	1.956	3.106	20766.681
			Bottom	1256.01	361.29	0.15	1.956	14.953	24059.763
L3	A-7	DY MIN							
			Top	-1256.01	-361.29	-0.15	-1.956	-3.106	-20766.681
			Bottom	-1256.01	-361.29	-0.15	-1.956	-14.953	-24059.763
L3	A-8	DEAD							
			Top	-255.01	-12.51	0.00	-0.001	0.072	757.735
			Bottom	-266.45	-12.51	0.00	-0.001	-0.364	-793.783
L3	A-8	TORX							
			Top	-47.47	-12.49	0.00	0.114	-0.039	753.850
			Bottom	-47.47	-12.49	0.00	0.114	0.375	-794.528
L3	A-8	TORY							
			Top	-57.85	-15.28	0.00	0.141	-0.043	922.505
			Bottom	-57.85	-15.28	0.00	0.141	0.447	-971.686
L3	A-8	DX MAX							
			Top	504.50	36.03	0.11	0.910	1.426	2369.574
			Bottom	504.50	36.03	0.11	0.910	12.376	2157.795
L3	A-8	DX MIN							
			Top	-504.50	-36.03	-0.11	-0.910	-1.426	-2369.574
			Bottom	-504.50	-36.03	-0.11	-0.910	-12.376	-2157.795
L3	A-8	DY MAX							
			Top	777.03	350.20	0.13	0.818	3.068	21161.125
			Bottom	777.03	350.20	0.13	0.818	12.709	22280.117
L3	A-8	DY MIN							
			Top	-777.03	-350.20	-0.13	-0.818	-3.068	-21161.125
			Bottom	-777.03	-350.20	-0.13	-0.818	-12.709	-22280.117
L3	A-9	DEAD							
			Top	-528.81	-42.73	-0.01	-0.133	0.111	2202.355
			Bottom	-555.16	-42.73	-0.01	-0.133	-0.863	-3096.297
L3	A-9	TORX							
			Top	-59.01	-38.28	0.01	0.016	-0.071	1639.989
			Bottom	-59.01	-38.28	0.01	0.016	0.792	-3107.105
L3	A-9	TORY							
			Top	-71.93	-46.88	0.01	0.015	-0.086	2010.079
			Bottom	-71.93	-46.88	0.01	0.015	0.969	-3802.254
L3	A-9	DX MAX							
			Top	1354.36	140.92	0.18	5.691	2.149	9869.232
			Bottom	1354.36	140.92	0.18	5.691	21.742	8663.666
L3	A-9	DX MIN							
			Top	-1354.36	-140.92	-0.18	-5.691	-2.149	-9869.232
			Bottom	-1354.36	-140.92	-0.18	-5.691	-21.742	-8663.666
L3	A-9	DY MAX							
			Top	397.57	1049.80	0.15	8.438	3.333	47003.971
			Bottom	397.57	1049.80	0.15	8.438	15.124	84300.216
L3	A-9	DY MIN							
			Top	-397.57	-1049.80	-0.15	-8.438	-3.333	-47003.971
			Bottom	-397.57	-1049.80	-0.15	-8.438	-15.124	-84300.216
L3	A-10	DEAD							
			Top	-347.68	-35.24	-0.01	0.081	-0.434	715.130
			Bottom	-368.22	-35.24	-0.01	0.081	-1.352	-3654.668
L3	A-10	TORX							
			Top	-8.27	-28.60	0.00	-0.050	-0.069	1508.547
			Bottom	-8.27	-28.60	0.00	-0.050	0.496	-2038.153
L3	A-10	TORY							
			Top	-10.09	-35.04	0.01	-0.067	-0.086	1848.807
			Bottom	-10.09	-35.04	0.01	-0.067	0.611	-2495.820
L3	A-10	DX MAX							
			Top	1287.91	353.32	0.10	4.312	2.623	18380.695
			Bottom	1287.91	353.32	0.10	4.312	9.811	25464.038
L3	A-10	DX MIN							
			Top	-1287.91	-353.32	-0.10	-4.312	-2.623	-18380.695
			Bottom	-1287.91	-353.32	-0.10	-4.312	-9.811	-25464.038
L3	A-10	DY MAX							
			Top	814.39	545.87	0.03	2.256	1.211	30837.685
			Bottom	814.39	545.87	0.03	2.256	4.461	36964.001

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	A-10	DY MIN							
			Top	-814.39	-545.87	-0.03	-2.256	-1.211	-30837.685
			Bottom	-814.39	-545.87	-0.03	-2.256	-4.461	-36964.001
L3	P-6	DEAD							
			Top	-264.65	-2.74	0.00	0.077	-0.008	407.554
			Bottom	-277.06	-2.74	0.00	0.077	0.145	67.722
L3	P-6	TORX							
			Top	89.00	5.43	0.00	0.187	-0.014	-398.574
			Bottom	89.00	5.43	0.00	0.187	0.336	275.187
L3	P-6	TORY							
			Top	108.30	6.50	0.00	0.259	-0.018	-479.502
			Bottom	108.30	6.50	0.00	0.259	0.297	326.131
L3	P-6	DX MAX							
			Top	411.48	15.69	0.13	0.382	1.984	933.493
			Bottom	411.48	15.69	0.13	0.382	14.308	1187.786
L3	P-6	DX MIN							
			Top	-411.48	-15.69	-0.13	-0.382	-1.984	-933.493
			Bottom	-411.48	-15.69	-0.13	-0.382	-14.308	-1187.786
L3	P-6	DY MAX							
			Top	1887.94	114.36	0.13	1.318	3.171	7875.703
			Bottom	1887.94	114.36	0.13	1.318	12.783	6334.896
L3	P-6	DY MIN							
			Top	-1887.94	-114.36	-0.13	-1.318	-3.171	-7875.703
			Bottom	-1887.94	-114.36	-0.13	-1.318	-12.783	-6334.896
L3	P-7	DEAD							
			Top	-273.27	-4.24	0.00	0.077	-0.058	299.783
			Bottom	-285.48	-4.24	0.00	0.077	0.265	-226.583
L3	P-7	TORX							
			Top	74.85	12.87	0.00	-0.009	-0.045	-771.050
			Bottom	74.85	12.87	0.00	-0.009	0.352	825.240
L3	P-7	TORY							
			Top	91.30	15.67	0.00	-0.036	-0.053	-938.126
			Bottom	91.30	15.67	0.00	-0.036	0.429	1004.497
L3	P-7	DX MAX							
			Top	457.86	24.03	0.13	1.671	2.217	1421.091
			Bottom	457.86	24.03	0.13	1.671	14.271	1630.288
L3	P-7	DX MIN							
			Top	-457.86	-24.03	-0.13	-1.671	-2.217	-1421.091
			Bottom	-457.86	-24.03	-0.13	-1.671	-14.271	-1630.288
L3	P-7	DY MAX							
			Top	1455.83	257.98	0.13	2.352	3.315	15345.330
			Bottom	1455.83	257.98	0.13	2.352	12.979	16870.743
L3	P-7	DY MIN							
			Top	-1455.83	-257.98	-0.13	-2.352	-3.315	-15345.330
			Bottom	-1455.83	-257.98	-0.13	-2.352	-12.979	-16870.743
L3	P-8	DEAD							
			Top	-254.90	-10.05	0.00	0.030	-0.096	624.772
			Bottom	-266.33	-10.05	0.00	0.030	0.390	-621.366
L3	P-8	TORX							
			Top	48.57	15.88	0.00	0.137	-0.044	-944.154
			Bottom	48.57	15.88	0.00	0.137	0.362	1035.400
L3	P-8	TORY							
			Top	59.17	19.41	0.00	0.190	-0.048	-1153.748
			Bottom	59.17	19.41	0.00	0.190	0.431	1253.292
L3	P-8	DX MAX							
			Top	508.71	32.86	0.11	1.003	1.899	2212.111
			Bottom	508.71	32.86	0.11	1.003	12.514	1933.662
L3	P-8	DX MIN							
			Top	-508.71	-32.86	-0.11	-1.003	-1.899	-2212.111
			Bottom	-508.71	-32.86	-0.11	-1.003	-12.514	-1933.662
L3	P-8	DY MAX							
			Top	849.42	307.82	0.12	0.753	3.202	18213.623
			Bottom	849.42	307.82	0.12	0.753	11.838	19975.013
L3	P-8	DY MIN							
			Top	-849.42	-307.82	-0.12	-0.753	-3.202	-18213.623
			Bottom	-849.42	-307.82	-0.12	-0.753	-11.838	-19975.013

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	P-9	DEAD							
			Top	-504.54	-67.50	0.01	0.209	-0.181	2395.580
			Bottom	-530.89	-67.50	0.01	0.209	1.075	-5974.504
L3	P-9	TORX							
			Top	75.84	34.47	0.01	0.055	-0.104	-2202.970
			Bottom	75.84	34.47	0.01	0.055	0.888	2071.365
L3	P-9	TORY							
			Top	92.60	42.09	0.01	0.062	-0.126	-2698.348
			Bottom	92.60	42.09	0.01	0.062	1.085	2521.198
L3	P-9	DX MAX							
			Top	1297.82	168.83	0.17	5.851	2.571	8996.470
			Bottom	1297.82	168.83	0.17	5.851	20.005	12077.613
L3	P-9	DX MIN							
			Top	-1297.82	-168.83	-0.17	-5.851	-2.571	-8996.470
			Bottom	-1297.82	-168.83	-0.17	-5.851	-20.005	-12077.613
L3	P-9	DY MAX							
			Top	889.73	573.63	0.18	9.428	4.356	37798.078
			Bottom	889.73	573.63	0.18	9.428	18.071	35203.210
L3	P-9	DY MIN							
			Top	-889.73	-573.63	-0.18	-9.428	-4.356	-37798.078
			Bottom	-889.73	-573.63	-0.18	-9.428	-18.071	-35203.210
L3	P-10	DEAD							
			Top	-250.78	53.03	0.02	-0.195	-0.002	-1554.575
			Bottom	-271.32	53.03	0.02	-0.195	1.867	5021.619
L3	P-10	TORX							
			Top	-8.38	24.53	0.01	-0.134	-0.080	-1517.895
			Bottom	-8.38	24.53	0.01	-0.134	0.574	1523.881
L3	P-10	TORY							
			Top	-10.28	30.06	0.01	-0.168	-0.100	-1860.200
			Bottom	-10.28	30.06	0.01	-0.168	0.704	1866.871
L3	P-10	DX MAX							
			Top	935.25	96.18	0.07	5.195	2.522	7413.647
			Bottom	935.25	96.18	0.07	5.195	7.523	10918.317
L3	P-10	DX MIN							
			Top	-935.25	-96.18	-0.07	-5.195	-2.522	-7413.647
			Bottom	-935.25	-96.18	-0.07	-5.195	-7.523	-10918.317
L3	P-10	DY MAX							
			Top	692.56	514.06	0.10	3.413	2.737	27400.182
			Bottom	692.56	514.06	0.10	3.413	9.826	36661.708
L3	P-10	DY MIN							
			Top	-692.56	-514.06	-0.10	-3.413	-2.737	-27400.182
			Bottom	-692.56	-514.06	-0.10	-3.413	-9.826	-36661.708
L3	12.11	DEAD							
			Top	-396.07	-14.79	0.00	-0.070	0.395	325.454
			Bottom	-416.61	-14.79	0.00	-0.070	0.526	-1508.952
L3	12.11	TORX							
			Top	14.00	37.75	0.00	0.147	-0.145	-2176.121
			Bottom	14.00	37.75	0.00	0.147	0.331	2505.350
L3	12.11	TORY							
			Top	17.08	46.39	0.00	0.179	-0.185	-2670.421
			Bottom	17.08	46.39	0.00	0.179	0.384	3070.089
L3	12.11	DX MAX							
			Top	820.66	537.39	0.03	2.309	1.186	29896.564
			Bottom	820.66	537.39	0.03	2.309	2.370	36993.393
L3	12.11	DX MIN							
			Top	-820.66	-537.39	-0.03	-2.309	-1.186	-29896.564
			Bottom	-820.66	-537.39	-0.03	-2.309	-2.370	-36993.393
L3	12.11	DY MAX							
			Top	997.16	467.38	0.04	2.018	3.598	28087.985
			Bottom	997.16	467.38	0.04	2.018	4.066	29881.498
L3	12.11	DY MIN							
			Top	-997.16	-467.38	-0.04	-2.018	-2.558	-28087.985
			Bottom	-997.16	-467.38	-0.04	-2.018	-4.066	-29881.498
L3	A-5.1	DEAD							
			Top	-95.74	39.36	0.00	-0.003	-0.037	-2842.119
			Bottom	-108.14	39.36	0.00	-0.003	-0.165	3038.475

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	A-5.1	TORX							
			Top	30.51	-26.38	0.00	-0.088	0.023	1799.463
			Bottom	30.51	-26.38	0.00	-0.088	0.112	-1471.795
L3	A-5.1	TORY							
			Top	37.21	-32.15	0.00	-0.152	0.032	2193.304
			Bottom	37.21	-32.15	0.00	-0.152	0.191	-1793.844
L3	A-5.1	DX MAX							
			Top	193.33	145.10	0.16	0.699	1.829	10036.649
			Bottom	193.33	145.10	0.16	0.699	21.839	7960.550
L3	A-5.1	DX MIN							
			Top	-193.33	-145.10	-0.16	-0.699	-1.829	-10036.649
			Bottom	-193.33	-145.10	-0.16	-0.699	-21.839	-7960.550
L3	A-5.1	DY MAX							
			Top	658.18	651.29	0.11	0.866	1.451	43784.526
			Bottom	658.18	651.29	0.11	0.866	15.049	36985.683
L3	A-5.1	DY MIN							
			Top	-658.18	-651.29	-0.11	-0.866	-1.451	-43784.526
			Bottom	-658.18	-651.29	-0.11	-0.866	-15.049	-36985.683
L3	A-5.2	DEAD							
			Top	-24.04	9.85	0.00	-0.027	-0.027	-677.389
			Bottom	-33.92	9.85	0.00	-0.027	-0.178	543.500
L3	A-5.2	TORX							
			Top	12.25	-8.96	0.00	0.177	0.007	555.720
			Bottom	12.25	-8.96	0.00	0.177	0.098	-555.513
L3	A-5.2	TORY							
			Top	14.92	-10.92	0.00	0.248	0.021	677.242
			Bottom	14.92	-10.92	0.00	0.248	0.149	-676.942
L3	A-5.2	DX MAX							
			Top	56.34	44.01	0.09	2.559	4.185	2768.466
			Bottom	56.34	44.01	0.09	2.559	14.857	2689.233
L3	A-5.2	DX MIN							
			Top	-56.34	-44.01	-0.09	-2.559	-4.185	-2768.466
			Bottom	-56.34	-44.01	-0.09	-2.559	-14.857	-2689.233
L3	A-5.2	DY MAX							
			Top	345.19	239.23	0.08	0.899	2.482	14661.936
			Bottom	345.19	239.23	0.08	0.899	12.285	15003.736
L3	A-5.2	DY MIN							
			Top	-345.19	-239.23	-0.08	-0.899	-2.482	-14661.936
			Bottom	-345.19	-239.23	-0.08	-0.899	-12.285	-15003.736
L2	1.1	DEAD							
			Top	-1687.77	74.13	0.03	-0.536	-0.368	-27390.368
			Bottom	-1687.77	74.13	0.02	-0.536	1.762	-21163.680
L2	1.1	TORX							
			Top	257.98	-76.92	0.03	1.998	-0.652	-18867.046
			Bottom	257.98	-76.92	0.03	1.998	2.138	-25328.370
L2	1.1	TORY							
			Top	314.32	-95.24	0.04	2.376	-0.789	-23021.825
			Bottom	314.32	-95.24	0.04	2.376	2.664	-30922.939
L2	1.1	DX MAX							
			Top	3279.55	2089.55	0.38	52.975	4.147	1068912.032
			Bottom	3279.55	2089.55	0.38	52.975	32.145	1317075.460
L2	1.1	DX MIN							
			Top	-3279.55	-2089.55	-0.38	-52.975	-4.147	-1068912.032
			Bottom	-3279.55	-2089.55	-0.38	-52.975	-32.145	-1317075.460
L2	1.1	DY MAX							
			Top	3809.88	318.78	1.51	202.772	32.163	413804.419
			Bottom	3809.88	318.78	1.51	202.772	122.888	397589.737
L2	1.1	DY MIN							
			Top	-3809.88	-318.78	-1.51	-202.772	-32.163	-413804.419
			Bottom	-3809.88	-318.78	-1.51	-202.772	-122.888	-397589.737
L2	1.2	DEAD							
			Top	-101.16	57.03	0.00	0.105	0.020	-3587.818
			Bottom	-101.16	57.03	0.00	0.105	0.420	1202.059
L2	1.2	TORX							
			Top	31.80	-23.76	0.01	0.071	-0.012	1298.452
			Bottom	31.80	-23.76	0.01	0.071	0.430	-693.766

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L2	1.2	TORY							
			Top	38.74	-29.34	0.01	0.122	-0.027	1594.917
			Bottom	38.74	-29.34	0.01	0.122	0.527	-869.552
L2	1.2	DX MAX							
			Top	889.34	687.53	0.08	2.540	0.820	36450.853
			Bottom	889.34	687.53	0.08	2.540	7.318	21391.276
L2	1.2	DX MIN							
			Top	-889.34	-687.53	-0.08	-2.540	-0.820	-36450.853
			Bottom	-889.34	-687.53	-0.08	-2.540	-7.318	-21391.276
L2	1.2	DY MAX							
			Top	111.50	86.70	0.37	2.681	6.670	4389.088
			Bottom	111.50	86.70	0.37	2.681	36.736	3454.342
L2	1.2	DY MIN							
			Top	-111.50	-86.70	-0.37	-2.681	-6.670	-4389.088
			Bottom	-111.50	-86.70	-0.37	-2.681	-36.736	-3454.342
L2	1.3	DEAD							
			Top	-110.44	-47.01	0.04	-1.525	0.993	44619.694
			Bottom	-110.44	-47.01	0.04	-1.525	4.082	40670.883
L2	1.3	TORX							
			Top	-34.01	-49.37	0.04	1.771	1.847	21347.233
			Bottom	-34.01	-49.37	0.04	1.771	4.905	17200.154
L2	1.3	TORY							
			Top	-41.44	-62.65	0.05	2.193	2.304	26112.924
			Bottom	-41.44	-62.65	0.05	2.193	6.119	20850.678
L2	1.3	DX MAX							
			Top	922.34	1473.73	0.41	77.911	15.844	593152.030
			Bottom	922.34	1473.73	0.41	77.911	50.117	476953.817
L2	1.3	DX MIN							
			Top	-922.34	-1473.73	-0.41	-77.911	-15.844	-593152.030
			Bottom	-922.34	-1473.73	-0.41	-77.911	-50.117	-476953.817
L2	1.3	DY MAX							
			Top	290.06	334.65	3.13	68.000	122.704	149303.137
			Bottom	290.06	334.65	3.13	68.000	385.442	132163.023
L2	1.3	DY MIN							
			Top	-290.06	-334.65	-3.13	-68.000	-122.704	-149303.137
			Bottom	-290.06	-334.65	-3.13	-68.000	-385.442	-132163.023
L2	1.4	DEAD							
			Top	-1914.94	-104.77	0.08	19.594	-4.101	92091.542
			Bottom	-1914.94	-104.77	0.08	19.594	2.926	72290.873
L2	1.4	TORX							
			Top	-265.41	-73.27	0.06	7.472	1.596	-18394.724
			Bottom	-265.41	-73.27	0.06	7.472	6.341	-24549.501
L2	1.4	TORY							
			Top	-323.39	-90.63	0.07	9.050	1.942	-22344.025
			Bottom	-323.39	-90.63	0.07	9.050	7.838	-29957.357
L2	1.4	DX MAX							
			Top	2359.50	1743.43	0.58	42.053	9.676	1203406.549
			Bottom	2359.50	1743.43	0.58	42.053	42.229	1318391.970
L2	1.4	DX MIN							
			Top	-2359.50	-1743.43	-0.58	-42.053	-9.676	-1203406.549
			Bottom	-2359.50	-1743.43	-0.58	-42.053	-42.229	-1318391.970
L2	1.4	DY MAX							
			Top	4636.90	1171.08	2.26	229.612	32.380	292222.831
			Bottom	4636.90	1171.08	2.26	229.612	208.551	211458.237
L2	1.4	DY MIN							
			Top	-4636.90	-1171.08	-2.26	-229.612	-32.380	-292222.831
			Bottom	-4636.90	-1171.08	-2.26	-229.612	-208.551	-211458.237
L2	12.1	DEAD							
			Top	-421.57	0.64	-0.01	-0.123	1.348	1904.540
			Bottom	-435.85	0.64	-0.01	-0.123	0.554	1957.856
L2	12.1	TORX							
			Top	-15.37	24.45	0.00	0.028	-0.129	-637.833
			Bottom	-15.37	24.45	0.00	0.028	-0.230	1291.417
L2	12.1	TORY							
			Top	-18.75	30.31	0.00	0.009	-0.145	-796.833
			Bottom	-18.75	30.31	0.00	0.009	-0.296	1719.630

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L2	12.1	DX MAX							
			Top	794.98	499.92	0.03	2.563	3.110	14667.695
			Bottom	794.98	499.92	0.03	2.563	2.393	27220.304
L2	12.1	DX MIN							
			Top	-794.98	-499.92	-0.03	-2.563	-3.110	-14667.695
			Bottom	-794.98	-499.92	-0.03	-2.563	-2.393	-27220.304
L2	12.1	DY MAX							
			Top	1294.51	86.86	0.04	3.405	4.060	3467.093
			Bottom	1294.51	86.86	0.04	3.405	3.752	4616.049
L2	12.1	DY MIN							
			Top	-1294.51	-86.86	-0.04	-3.405	-4.060	-3467.093
			Bottom	-1294.51	-86.86	-0.04	-3.405	-3.752	-4616.049
L2	12.2	DEAD							
			Top	-581.84	21.44	-0.01	0.403	0.203	169.536
			Bottom	-599.35	21.44	-0.01	0.403	-0.429	1948.784
L2	12.2	TORX							
			Top	-67.02	38.21	0.00	0.202	-0.141	-661.723
			Bottom	-67.02	38.21	0.00	0.202	-0.206	2509.777
L2	12.2	TORY							
			Top	-81.73	47.48	0.00	0.286	-0.169	-839.822
			Bottom	-81.73	47.48	0.00	0.286	-0.261	3100.781
L2	12.2	DX MAX							
			Top	654.09	751.80	0.17	7.227	5.667	13507.861
			Bottom	654.09	751.80	0.17	7.227	8.284	53494.901
L2	12.2	DX MIN							
			Top	-654.09	-751.80	-0.17	-7.227	-5.667	-13507.861
			Bottom	-654.09	-751.80	-0.17	-7.227	-8.284	-53494.901
L2	12.2	DY MAX							
			Top	1160.34	94.42	0.13	6.893	8.366	3764.462
			Bottom	1160.34	94.42	0.13	6.893	10.088	6375.785
L2	12.2	DY MIN							
			Top	-1160.34	-94.42	-0.13	-6.893	-8.366	-3764.462
			Bottom	-1160.34	-94.42	-0.13	-6.893	-10.088	-6375.785
L2	12.3	DEAD							
			Top	-300.03	20.34	0.00	0.028	0.037	-790.478
			Bottom	-307.81	20.34	0.00	0.028	-0.033	897.452
L2	12.3	TORX							
			Top	-54.76	19.87	0.00	-0.162	0.003	-799.084
			Bottom	-54.76	19.87	0.00	-0.162	-0.163	851.525
L2	12.3	TORY							
			Top	-66.82	24.67	0.00	-0.256	0.034	-991.102
			Bottom	-66.82	24.67	0.00	-0.256	-0.238	1056.269
L2	12.3	DX MAX							
			Top	1018.09	397.33	0.15	1.429	4.981	15624.455
			Bottom	1018.09	397.33	0.15	1.429	7.348	17401.911
L2	12.3	DX MIN							
			Top	-1018.09	-397.33	-0.15	-1.429	-4.981	-15624.455
			Bottom	-1018.09	-397.33	-0.15	-1.429	-7.348	-17401.911
L2	12.3	DY MAX							
			Top	450.53	58.32	0.11	1.284	5.755	2301.902
			Bottom	450.53	58.32	0.11	1.284	6.382	3552.774
L2	12.3	DY MIN							
			Top	-450.53	-58.32	-0.11	-1.284	-5.755	-2301.902
			Bottom	-450.53	-58.32	-0.11	-1.284	-6.382	-3552.774
L2	12.4	DEAD							
			Top	-316.85	11.73	0.00	0.090	-0.017	-490.684
			Bottom	-324.89	11.73	0.00	0.090	0.033	483.193
L2	12.4	TORX							
			Top	-68.91	16.14	0.00	0.249	-0.031	-607.574
			Bottom	-68.91	16.14	0.00	0.249	-0.099	731.719
L2	12.4	TORY							
			Top	-84.02	20.19	0.00	0.366	-0.017	-761.762
			Bottom	-84.02	20.19	0.00	0.366	-0.154	913.912
L2	12.4	DX MAX							
			Top	1524.55	326.36	0.19	1.801	6.241	11841.895
			Bottom	1524.55	326.36	0.19	1.801	9.228	15310.144

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L2	12.4	DX MIN							
			Top	-1524.55	-326.36	-0.19	-1.801	-6.241	-11841.895
			Bottom	-1524.55	-326.36	-0.19	-1.801	-9.228	-15310.144
L2	12.4	DY MAX							
			Top	402.13	77.22	0.15	2.996	6.923	2960.007
			Bottom	402.13	77.22	0.15	2.996	7.849	3479.009
L2	12.4	DY MIN							
			Top	-402.13	-77.22	-0.15	-2.996	-6.923	-2960.007
			Bottom	-402.13	-77.22	-0.15	-2.996	-7.849	-3479.009
L2	12.5	DEAD							
			Top	-296.57	2.57	0.00	0.050	-0.110	-683.941
			Bottom	-304.87	2.57	0.00	0.050	0.151	-450.946
L2	12.5	TORX							
			Top	-89.79	7.10	0.00	-0.282	-0.053	-348.073
			Bottom	-89.79	7.10	0.00	-0.282	-0.071	241.616
L2	12.5	TORY							
			Top	-109.62	9.03	0.00	-0.440	-0.042	-438.507
			Bottom	-109.62	9.03	0.00	-0.440	-0.132	311.348
L2	12.5	DX MAX							
			Top	2147.64	139.79	0.20	1.184	6.759	6436.643
			Bottom	2147.64	139.79	0.20	1.184	9.971	5364.774
L2	12.5	DX MIN							
			Top	-2147.64	-139.79	-0.20	-1.184	-6.759	-6436.643
			Bottom	-2147.64	-139.79	-0.20	-1.184	-9.971	-5364.774
L2	12.5	DY MAX							
			Top	316.72	57.03	0.17	0.892	7.288	1963.508
			Bottom	316.72	57.03	0.17	0.892	8.854	3019.816
L2	12.5	DY MIN							
			Top	-316.72	-57.03	-0.17	-0.892	-7.288	-1963.508
			Bottom	-316.72	-57.03	-0.17	-0.892	-8.854	-3019.816
L2	A-1	DEAD							
			Top	-413.70	-4.07	0.01	0.125	-1.479	1951.996
			Bottom	-427.58	-4.07	0.01	0.125	-0.654	1614.425
L2	A-1	TORX							
			Top	20.17	-15.66	0.00	-0.078	-0.201	393.208
			Bottom	20.17	-15.66	0.00	-0.078	-0.348	-908.417
L2	A-1	TORY							
			Top	24.73	-19.26	0.00	-0.132	-0.230	485.337
			Bottom	24.73	-19.26	0.00	-0.132	-0.448	-1113.074
L2	A-1	DX MAX							
			Top	1367.87	299.06	0.06	4.326	4.356	9416.038
			Bottom	1367.87	299.06	0.06	4.326	6.920	15635.239
L2	A-1	DX MIN							
			Top	-1367.87	-299.06	-0.06	-4.326	-4.356	-9416.038
			Bottom	-1367.87	-299.06	-0.06	-4.326	-6.920	-15635.239
L2	A-1	DY MAX							
			Top	955.09	304.70	0.06	5.112	2.847	9246.803
			Bottom	955.09	304.70	0.06	5.112	2.572	16615.778
L2	A-1	DY MIN							
			Top	-955.09	-304.70	-0.06	-5.112	-2.847	-9246.803
			Bottom	-955.09	-304.70	-0.06	-5.112	-2.572	-16615.778
L2	A-2	DEAD							
			Top	-546.83	13.21	0.01	-0.392	-0.320	133.758
			Bottom	-564.34	13.21	0.01	-0.392	0.289	1230.549
L2	A-2	TORX							
			Top	57.78	-19.06	-0.01	0.128	-0.080	157.258
			Bottom	57.78	-19.06	-0.01	0.128	-0.605	-1424.904
L2	A-2	TORY							
			Top	70.49	-23.43	-0.01	0.183	-0.073	194.690
			Bottom	70.49	-23.43	-0.01	0.183	-0.780	-1746.294
L2	A-2	DX MAX							
			Top	1345.39	322.35	0.29	8.149	10.344	11188.522
			Bottom	1345.39	322.35	0.29	8.149	19.794	15775.037
L2	A-2	DX MIN							
			Top	-1345.39	-322.35	-0.29	-8.149	-10.344	-11188.522
			Bottom	-1345.39	-322.35	-0.29	-8.149	-19.794	-15775.037

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L2	A-2	DY MAX							
			Top	263.64	508.11	0.14	4.284	3.843	11764.263
			Bottom	263.64	508.11	0.14	4.284	7.880	37080.905
L2	A-2	DY MIN							
			Top	-263.64	-508.11	-0.14	-4.284	-3.843	-11764.263
			Bottom	-263.64	-508.11	-0.14	-4.284	-7.880	-37080.905
L2	A-3	DEAD							
			Top	-267.38	15.98	0.00	-0.012	-0.105	-653.763
			Bottom	-275.16	15.98	0.00	-0.012	-0.028	672.345
L2	A-3	TORX							
			Top	44.62	-10.65	0.00	-0.139	0.026	418.486
			Bottom	44.62	-10.65	0.00	-0.139	-0.386	-465.268
L2	A-3	TORY							
			Top	54.41	-13.11	-0.01	-0.306	0.071	515.837
			Bottom	54.41	-13.11	-0.01	-0.306	-0.528	-572.588
L2	A-3	DX MAX							
			Top	592.97	137.98	0.23	1.894	8.032	6074.354
			Bottom	592.97	137.98	0.23	1.894	13.618	5383.299
L2	A-3	DX MIN							
			Top	-592.97	-137.98	-0.23	-1.894	-8.032	-6074.354
			Bottom	-592.97	-137.98	-0.23	-1.894	-13.618	-5383.299
L2	A-3	DY MAX							
			Top	644.34	282.83	0.14	2.921	4.289	11258.300
			Bottom	644.34	282.83	0.14	2.921	7.197	13266.663
L2	A-3	DY MIN							
			Top	-644.34	-282.83	-0.14	-2.921	-4.298	-11258.300
			Bottom	-644.34	-282.83	-0.14	-2.921	-7.197	-13266.663
L2	A-4	DEAD							
			Top	-260.14	12.30	0.00	-0.051	-0.069	-633.306
			Bottom	-269.18	12.30	0.00	-0.051	-0.064	379.453
L2	A-4	TORX							
			Top	51.42	-10.29	0.00	0.194	0.002	422.017
			Bottom	51.42	-10.29	0.00	0.194	-0.354	-432.348
L2	A-4	TORY							
			Top	62.65	-12.71	-0.01	0.284	0.037	521.197
			Bottom	62.65	-12.71	-0.01	0.284	-0.486	-533.752
L2	A-4	DX MAX							
			Top	503.72	102.73	0.26	1.185	8.782	4645.809
			Bottom	503.72	102.73	0.26	1.185	15.412	3886.834
L2	A-4	DX MIN							
			Top	-503.72	-102.73	-0.26	-1.185	-8.782	-4645.809
			Bottom	-503.72	-102.73	-0.26	-1.185	-15.412	-3886.834
L2	A-4	DY MAX							
			Top	902.83	277.92	0.18	0.616	5.439	11093.589
			Bottom	902.83	277.92	0.18	0.616	9.575	11981.140
L2	A-4	DY MIN							
			Top	-902.83	-277.92	-0.18	-0.616	-5.439	-11093.589
			Bottom	-902.83	-277.92	-0.18	-0.616	-9.575	-11981.140
L2	A-5	DEAD							
			Top	-213.63	20.32	0.00	0.031	-0.042	-1091.400
			Bottom	-221.93	20.32	0.00	0.031	-0.086	594.772
L2	A-5	TORX							
			Top	49.01	-13.59	0.00	-0.164	0.018	613.754
			Bottom	49.01	-13.59	0.00	-0.164	-0.332	-515.299
L2	A-5	TORY							
			Top	59.70	-16.76	-0.01	-0.258	0.060	754.635
			Bottom	59.70	-16.76	-0.01	-0.258	-0.464	-636.884
L2	A-5	DX MAX							
			Top	381.78	104.42	0.32	3.185	10.373	4894.650
			Bottom	381.78	104.42	0.32	3.185	18.168	3778.228
L2	A-5	DX MIN							
			Top	-381.78	-104.42	-0.32	-3.185	-10.373	-4894.650
			Bottom	-381.78	-104.42	-0.32	-3.185	-18.168	-3778.228
L2	A-5	DY MAX							
			Top	963.37	338.16	0.22	2.868	6.631	14658.158
			Bottom	963.37	338.16	0.22	2.868	12.070	13381.123

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	A-5	DY MIN							
			Top	-963.37	-338.16	-0.22	-2.868	-6.631	-14695.158
			Bottom	-963.37	-338.16	-0.22	-2.868	-12.070	-13381.123
L3	P-1	DEAD							
			Top	-447.59	-4.50	-0.01	-0.159	1.463	2057.516
			Bottom	-461.47	-4.50	-0.01	-0.159	0.590	1683.761
L3	P-1	TORX							
			Top	-15.68	37.57	0.00	-0.040	-0.199	-1083.127
			Bottom	-15.68	37.57	0.00	-0.040	-0.380	2034.942
L3	P-1	TORY							
			Top	-19.21	46.24	0.00	-0.056	-0.241	-1335.762
			Bottom	-19.21	46.24	0.00	-0.056	-0.469	2501.745
L3	P-1	DX MAX							
			Top	1405.70	315.04	0.07	5.419	4.582	9820.822
			Bottom	1405.70	315.04	0.07	5.419	7.125	16588.633
L3	P-1	DX MIN							
			Top	-1405.70	-315.04	-0.07	-5.419	-4.582	-9820.822
			Bottom	-1405.70	-315.04	-0.07	-5.419	-7.125	-16588.633
L3	P-1	DY MAX							
			Top	703.33	651.09	0.05	4.371	2.980	19800.100
			Bottom	703.33	651.09	0.05	4.371	4.094	34544.770
L3	P-1	DY MIN							
			Top	-703.33	-651.09	-0.05	-4.371	-2.980	-19800.100
			Bottom	-703.33	-651.09	-0.05	-4.371	-4.094	-34544.770
L3	P-2	DEAD							
			Top	-571.65	-8.43	-0.01	0.462	0.182	613.145
			Bottom	-589.12	-8.43	-0.01	0.462	-0.401	-86.380
L3	P-2	TORX							
			Top	-70.23	44.40	-0.01	-0.182	0.200	-1174.170
			Bottom	-70.23	44.40	-0.01	-0.182	-0.900	2511.143
L3	P-2	TORY							
			Top	-85.71	54.71	-0.02	-0.261	0.293	-1454.300
			Bottom	-85.71	54.71	-0.02	-0.261	-1.164	3086.283
L3	P-2	DX MAX							
			Top	1355.95	281.36	0.24	9.320	8.834	11912.483
			Bottom	1355.95	281.36	0.24	9.320	17.066	11677.097
L3	P-2	DX MIN							
			Top	-1355.95	-281.36	-0.24	-9.320	-8.834	-11912.483
			Bottom	-1355.95	-281.36	-0.24	-9.320	-17.066	-11677.097
L3	P-2	DY MAX							
			Top	679.26	825.54	0.17	8.384	5.365	22109.788
			Bottom	679.26	825.54	0.17	8.384	8.574	48427.261
L3	P-2	DY MIN							
			Top	-679.26	-825.54	-0.17	-8.384	-5.365	-22109.788
			Bottom	-679.26	-825.54	-0.17	-8.384	-8.574	-48427.261
L3	P-3	DEAD							
			Top	-283.91	25.69	0.00	-0.008	0.046	-826.447
			Bottom	-290.91	25.69	0.00	-0.008	-0.039	1305.659
L3	P-3	TORX							
			Top	-66.22	33.95	-0.01	-0.114	0.216	-1002.169
			Bottom	-66.22	33.95	-0.01	-0.114	-0.609	985.875
L3	P-3	TORY							
			Top	-80.90	39.49	-0.01	-0.169	0.314	-1234.731
			Bottom	-80.90	39.49	-0.01	-0.169	-0.869	1212.598
L3	P-3	DX MAX							
			Top	638.92	153.38	0.19	2.026	6.924	6530.589
			Bottom	638.92	153.38	0.19	2.026	11.088	6206.184
L3	P-3	DX MIN							
			Top	-638.92	-153.38	-0.19	-2.026	-6.924	-6530.589
			Bottom	-638.92	-153.38	-0.19	-2.026	-11.088	-6206.184
L3	P-3	DY MAX							
			Top	1090.49	427.55	0.13	1.765	4.082	17897.763
			Bottom	1090.49	427.55	0.13	1.765	6.479	17654.145
L3	P-3	DY MIN							
			Top	-1090.49	-427.55	-0.13	-1.765	-4.082	-17897.763
			Bottom	-1090.49	-427.55	-0.13	-1.765	-6.479	-17654.145

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	P-4	DEAD							
			Top	-287.81	-10.50	0.00	0.095	-0.007	185.545
			Bottom	-294.81	-10.50	0.00	0.095	0.019	-685.994
L3	P-4	TORX							
			Top	-72.65	12.51	-0.01	0.101	0.233	-581.099
			Bottom	-72.65	12.51	-0.01	0.101	-0.618	457.437
L3	P-4	TORY							
			Top	-88.56	15.58	-0.01	0.141	0.338	-723.065
			Bottom	-88.56	15.58	-0.01	0.141	-0.828	569.953
L3	P-4	DX MAX							
			Top	551.56	59.23	0.22	1.620	8.021	3198.524
			Bottom	551.56	59.23	0.22	1.620	12.072	1754.146
L3	P-4	DX MIN							
			Top	-551.56	-59.23	-0.22	-1.620	-8.021	-3198.524
			Bottom	-551.56	-59.23	-0.22	-1.620	-12.072	-1754.146
L3	P-4	DY MAX							
			Top	1391.47	253.30	0.13	0.837	4.273	11341.957
			Bottom	1391.47	253.30	0.13	0.837	6.763	9682.721
L3	P-4	DY MIN							
			Top	-1391.47	-253.30	-0.13	-0.837	-4.273	-11341.957
			Bottom	-1391.47	-253.30	-0.13	-0.837	-6.763	-9682.721
L3	P-5	DEAD							
			Top	-260.65	10.67	0.00	-0.015	-0.056	-772.693
			Bottom	-270.19	10.67	0.00	-0.015	0.129	390.608
L3	P-5	TORX							
			Top	-102.52	11.37	-0.01	-0.069	0.169	-554.832
			Bottom	-102.52	11.37	-0.01	-0.069	-0.779	683.994
L3	P-5	TORY							
			Top	-125.17	14.09	-0.01	-0.112	0.256	-687.387
			Bottom	-125.17	14.09	-0.01	-0.112	-1.061	848.841
L3	P-5	DX MAX							
			Top	558.43	59.64	0.22	0.558	8.370	3264.909
			Bottom	558.43	59.64	0.22	0.558	17.387	3244.786
L3	P-5	DX MIN							
			Top	-558.43	-59.64	-0.22	-0.558	-8.370	-3264.909
			Bottom	-558.43	-59.64	-0.22	-0.558	-17.387	-3244.786
L3	P-5	DY MAX							
			Top	2054.36	214.34	0.12	0.991	4.099	10202.773
			Bottom	2054.36	214.34	0.12	0.991	9.809	13164.854
L3	P-5	DY MIN							
			Top	-2054.36	-214.34	-0.12	-0.991	-4.099	-10202.773
			Bottom	-2054.36	-214.34	-0.12	-0.991	-9.809	-13164.854
L3	12.6	DEAD							
			Top	-275.18	-1.02	0.00	-0.013	-0.058	599.397
			Bottom	-283.48	-1.02	0.00	-0.013	0.122	515.022
L3	12.6	TORX							
			Top	91.43	7.30	0.01	-0.158	-0.170	-359.757
			Bottom	91.43	7.30	0.01	-0.158	0.818	245.778
L3	12.6	TORY							
			Top	111.62	9.28	0.02	-0.261	-0.248	-453.353
			Bottom	111.62	9.28	0.02	-0.261	1.070	317.020
L3	12.6	DX MAX							
			Top	2134.84	138.59	0.16	1.373	5.182	6397.406
			Bottom	2134.84	138.59	0.16	1.373	8.134	5291.906
L3	12.6	DX MIN							
			Top	-2134.84	-138.59	-0.16	-1.373	-5.182	-6397.406
			Bottom	-2134.84	-138.59	-0.16	-1.373	-8.134	-5291.906
L3	12.6	DY MAX							
			Top	632.22	53.74	0.29	1.179	8.267	2952.582
			Bottom	632.22	53.74	0.29	1.179	17.415	1578.091
L3	12.6	DY MIN							
			Top	-632.22	-53.74	-0.29	-1.179	-8.267	-2952.582
			Bottom	-632.22	-53.74	-0.29	-1.179	-17.415	-1578.091
L3	12.7	DEAD							
			Top	-309.78	-7.86	0.00	-0.095	0.011	381.709
			Bottom	-316.95	-7.86	0.00	-0.095	0.033	-290.774

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	12.7	TORX							
			Top	71.67	16.75	0.01	0.113	-0.181	-630.524
			Bottom	71.67	16.75	0.01	0.113	0.858	759.719
L3	12.7	TORY							
			Top	97.40	20.97	0.02	0.172	-0.257	-790.881
			Bottom	97.40	20.97	0.02	0.172	1.107	949.283
L3	12.7	DX MAX							
			Top	1523.18	328.47	0.14	2.228	4.536	11802.634
			Bottom	1523.18	328.47	0.14	2.228	7.442	15528.416
L3	12.7	DX MIN							
			Top	-1523.18	-328.47	-0.14	-2.228	-4.536	-11802.634
			Bottom	-1523.18	-328.47	-0.14	-2.228	-7.442	-15528.416
L3	12.7	DY MAX							
			Top	620.90	126.46	0.27	2.972	7.093	5260.401
			Bottom	620.90	126.46	0.27	2.972	17.358	5244.001
L3	12.7	DY MIN							
			Top	-620.90	-126.46	-0.27	-2.972	-7.093	-5260.401
			Bottom	-620.90	-126.46	-0.27	-2.972	-17.358	-5244.001
L3	12.8	DEAD							
			Top	-290.13	-15.36	0.00	-0.002	0.051	606.389
			Bottom	-297.77	-15.36	0.00	-0.002	-0.018	-668.623
L3	12.8	TORX							
			Top	56.64	20.26	0.01	-0.120	-0.158	-832.867
			Bottom	56.64	20.26	0.01	-0.120	0.775	859.584
L3	12.8	TORY							
			Top	69.13	25.14	0.01	-0.182	-0.232	-1021.537
			Bottom	69.13	25.14	0.01	-0.182	1.002	1064.971
L3	12.8	DX MAX							
			Top	982.82	388.13	0.12	1.927	3.881	15352.682
			Bottom	982.82	388.13	0.12	1.927	6.164	16906.104
L3	12.8	DX MIN							
			Top	-982.82	-388.13	-0.12	-1.927	-3.881	-15352.682
			Bottom	-982.82	-388.13	-0.12	-1.927	-6.164	-16906.104
L3	12.8	DY MAX							
			Top	631.79	172.29	0.22	1.223	5.647	7451.085
			Bottom	631.79	172.29	0.22	1.223	14.762	6852.795
L3	12.8	DY MIN							
			Top	-631.79	-172.29	-0.22	-1.223	-5.647	-7451.085
			Bottom	-631.79	-172.29	-0.22	-1.223	-14.762	-6852.795
L3	12.9	DEAD							
			Top	-593.78	-14.18	-0.01	-0.406	0.183	-173.584
			Bottom	-611.42	-14.18	-0.01	-0.406	-0.366	-1350.575
L3	12.9	TORX							
			Top	75.83	41.81	0.02	-0.211	-0.099	-796.931
			Bottom	75.83	41.81	0.02	-0.211	1.201	2673.381
L3	12.9	TORY							
			Top	92.54	51.90	0.02	-0.269	-0.149	-1006.065
			Bottom	92.54	51.90	0.02	-0.269	1.515	3301.674
L3	12.9	DX MAX							
			Top	621.92	747.36	0.14	10.655	4.640	13098.319
			Bottom	621.92	747.36	0.14	10.655	7.443	53902.040
L3	12.9	DX MIN							
			Top	-621.92	-747.36	-0.14	-10.655	-4.640	-13098.319
			Bottom	-621.92	-747.36	-0.14	-10.655	-7.443	-53902.040
L3	12.9	DY MAX							
			Top	1362.69	408.42	0.31	10.733	7.256	13161.131
			Bottom	1362.69	408.42	0.31	10.733	23.952	21002.758
L3	12.9	DY MIN							
			Top	-1362.69	-408.42	-0.31	-10.733	-7.258	-13161.131
			Bottom	-1362.69	-408.42	-0.31	-10.733	-23.953	-21002.758
L3	A-6	DEAD							
			Top	-166.57	-32.83	0.02	-0.101	0.313	10764.256
			Bottom	-166.57	-32.83	0.02	-0.301	1.086	9401.853
L3	A-6	TORX							
			Top	-16.12	68.48	-0.01	0.233	-0.603	13554.206
			Bottom	-16.12	-68.48	-0.01	-0.233	-1.169	9715.249

P I E R F O R C E S

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L3	A-6	TORY							
			Top	-19.62	-84.76	-0.02	-0.108	-0.785	15324.957
			Bottom	-19.62	-84.76	-0.02	-0.108	-1.523	11807.556
L2	A-6	DX MAX							
			Top	219.68	282.49	0.57	33.531	29.453	29561.439
			Bottom	219.68	282.49	0.57	33.531	51.502	33264.376
L3	A-6	DX MIN							
			Top	-219.68	-282.49	-0.57	-33.531	-29.453	-29561.439
			Bottom	-219.68	-282.49	-0.57	-33.531	-51.502	-33264.376
L2	A-6	DY MAX							
			Top	318.32	1788.72	0.76	31.734	24.667	300366.276
			Bottom	318.32	1788.72	0.76	31.734	56.001	328599.475
L3	A-6	DY MIN							
			Top	-318.32	-1788.72	-0.76	-31.734	-24.667	-300366.276
			Bottom	-318.32	-1788.72	-0.76	-31.734	-56.001	-328599.475
L3	A-7	DEAD							
			Top	-1682.28	-56.19	0.02	2.257	-0.068	26241.350
			Bottom	-1682.28	-56.19	0.02	2.257	0.794	23909.556
L2	A-7	TORX							
			Top	-352.71	-69.85	-0.03	2.401	0.020	-26832.251
			Bottom	-352.71	-69.85	-0.03	2.401	-1.357	-29489.453
L3	A-7	TORY							
			Top	-307.98	-85.32	-0.04	2.883	0.014	-32686.857
			Bottom	-307.98	-85.32	-0.04	2.883	-1.670	-36323.547
L3	A-7	DX MAX							
			Top	4245.20	482.72	0.53	75.663	31.320	419951.734
			Bottom	4245.20	482.72	0.53	75.663	28.490	403386.997
L2	A-7	DX MIN							
			Top	-4245.20	-482.72	-0.53	-75.663	-31.320	-419951.734
			Bottom	-4245.20	-482.72	-0.53	-75.663	-28.490	-403386.997
L3	A-7	DY MAX							
			Top	2878.86	1910.43	1.11	130.713	13.295	1005960.120
			Bottom	2878.86	1910.43	1.11	130.713	58.546	1065804.733
L3	A-7	DY MIN							
			Top	-2878.86	-1910.43	-1.11	-130.713	-13.295	-1005960.120
			Bottom	-2878.86	-1910.43	-1.11	-130.713	-58.546	-1065804.733
L2	P-6	DEAD							
			Top	-303.92	-1.82	0.00	-0.075	-0.025	681.832
			Bottom	-312.22	-1.82	0.00	-0.075	-0.094	530.530
L2	P-6	TORX							
			Top	108.73	10.25	-0.01	-0.127	0.204	-475.740
			Bottom	108.73	10.25	-0.01	-0.127	-0.219	375.210
L3	P-6	TORY							
			Top	132.67	12.88	-0.01	-0.194	0.254	-594.818
			Bottom	132.67	12.88	-0.01	-0.194	-0.271	475.309
L2	P-6	DX MAX							
			Top	412.38	30.51	0.18	1.554	8.796	1224.438
			Bottom	412.38	30.51	0.18	1.554	7.939	2034.944
L3	P-6	DX MIN							
			Top	-412.38	-30.51	-0.18	-1.554	-8.796	-1224.438
			Bottom	-412.38	-30.51	-0.18	-1.554	-7.939	-2034.944
L2	P-6	DY MAX							
			Top	2208.74	205.34	0.29	2.278	10.135	8823.911
			Bottom	2208.74	205.34	0.29	2.278	14.291	8419.232
L3	P-6	DY MIN							
			Top	-2208.74	-205.34	-0.29	-2.278	-10.135	-8823.911
			Bottom	-2208.74	-205.34	-0.29	-2.278	-14.291	-8419.232
L3	P-7	DEAD							
			Top	-318.46	-20.72	0.00	-0.059	0.057	530.507
			Bottom	-326.63	-20.72	0.00	-0.059	-0.210	-1189.526
L3	P-7	TORX							
			Top	91.39	22.70	0.00	0.128	0.173	-851.751
			Bottom	91.39	22.70	0.00	0.128	-0.183	1032.618
L3	P-7	TORY							
			Top	99.57	28.15	0.01	0.195	0.215	-1059.758
			Bottom	99.57	28.15	-0.01	0.192	-0.223	1276.218

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L2	P-7	DX MAX	Top	491.88	46.50	0.17	3.034	9.488	1760.925
			Bottom	491.88	46.50	0.17	3.034	6.294	2137.730
L2	P-7	DX MIN	Top	-491.88	-46.50	-0.17	-3.034	-9.488	-1760.925
			Bottom	-491.88	-46.50	-0.17	-3.034	-6.294	-2137.730
L2	P-7	DY MAX	Top	1563.69	427.92	0.28	3.864	9.899	16153.948
			Bottom	1563.69	427.92	0.28	3.864	13.022	19582.855
L2	P-7	DY MIN	Top	-1563.69	-427.92	-0.28	-3.864	-9.899	-16153.948
			Bottom	-1563.69	-427.92	-0.28	-3.864	-13.022	-19582.855
L2	P-8	DEAD	Top	-287.07	-4.00	0.00	-0.125	0.114	490.815
			Bottom	-294.72	-4.00	0.00	-0.125	-0.295	159.647
L2	P-8	TORX	Top	54.75	21.25	0.00	-0.083	0.172	-1020.587
			Bottom	54.75	21.25	0.00	-0.083	-0.152	743.152
L2	P-8	TORY	Top	66.72	26.28	0.00	-0.125	0.199	-1261.630
			Bottom	66.72	26.28	0.00	-0.125	-0.178	919.888
L2	P-8	DX MAX	Top	526.64	38.41	0.14	1.225	8.451	2153.257
			Bottom	526.64	38.41	0.14	1.225	4.529	1430.452
L2	P-8	DX MIN	Top	-526.64	-38.41	-0.14	-1.225	-8.451	-2153.257
			Bottom	-526.64	-38.41	-0.14	-1.225	-4.529	-1430.452
L2	P-8	DY MAX	Top	934.15	409.06	0.23	1.669	8.551	19227.643
			Bottom	934.15	409.06	0.23	1.669	10.737	14725.679
L2	P-8	DY MIN	Top	-934.15	-409.06	-0.23	-1.669	-8.551	-19227.643
			Bottom	-934.15	-409.06	-0.23	-1.669	-10.737	-14725.679
L2	P-9	DEAD	Top	-580.16	-15.20	-0.01	-0.044	0.278	-608.742
			Bottom	-595.85	-15.20	-0.01	-0.044	-0.916	-1870.632
L2	P-9	TORX	Top	57.30	39.66	-0.01	0.148	0.344	-365.656
			Bottom	57.30	39.66	-0.01	0.148	-0.301	1926.188
L2	P-9	TORY	Top	69.76	49.00	-0.01	0.194	0.420	-466.603
			Bottom	69.76	49.00	-0.01	0.194	-0.370	3600.039
L2	P-9	DX MAX	Top	1371.86	124.14	0.18	7.715	13.078	4631.249
			Bottom	1371.86	124.14	0.18	7.715	5.076	6584.771
L2	P-9	DX MIN	Top	-1371.86	-124.14	-0.18	-7.715	-13.078	-4631.249
			Bottom	-1371.86	-124.14	-0.18	-7.715	-5.076	-6584.771
L2	P-9	DY MAX	Top	558.60	741.41	0.30	13.438	10.368	10594.483
			Bottom	558.60	741.41	0.30	13.438	14.564	55729.449
L2	P-9	DY MIN	Top	-558.60	-741.41	-0.30	-13.438	-10.368	-10594.483
			Bottom	-558.60	-741.41	-0.30	-13.438	-14.564	-55729.449
L2	P-10	DEAD	Top	-171.96	11.64	0.00	0.032	-0.057	-1254.057
			Bottom	-181.77	11.64	0.00	0.032	-0.102	444.715
L2	P-10	TORX	Top	3.20	5.17	0.00	0.149	0.105	-328.387
			Bottom	3.20	5.17	0.00	0.149	-0.027	426.826
L2	P-10	TORY	Top	3.90	6.38	0.00	0.186	0.129	-405.386
			Bottom	3.90	6.38	0.00	0.186	-0.035	525.969
L2	P-10	DX MAX	Top	704.47	29.48	0.02	2.406	3.804	2947.833
			Bottom	704.47	29.48	0.02	2.406	1.017	1978.978

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L2	P-10	DX MIN	Top	-704.47	-29.48	-0.02	-2.406	-3.804	-2947.833
			Bottom	-704.47	-29.48	-0.02	-2.406	-1.017	-1978.978
L2	P-10	DY MAX	Top	324.06	119.05	0.01	2.366	0.951	8381.095
			Bottom	324.06	119.05	0.01	2.366	1.039	9003.816
L2	P-10	DY MIN	Top	-324.06	-119.05	-0.01	-2.366	-0.951	-8381.095
			Bottom	-324.06	-119.05	-0.01	-2.366	-1.039	-9003.816
L2	12.11	DEAD	Top	-444.54	2.95	-0.01	0.105	1.345	-1981.625
			Bottom	-458.28	2.95	-0.01	0.105	0.664	-1736.464
L2	12.11	TORX	Top	31.75	31.72	0.00	-0.049	0.230	-950.397
			Bottom	31.75	31.72	0.00	-0.049	0.457	1683.166
L2	12.11	TORY	Top	38.87	39.24	0.00	-0.057	0.283	-1180.637
			Bottom	38.87	39.24	0.00	-0.057	0.557	2075.911
L2	12.11	DX MAX	Top	826.65	493.83	0.04	4.462	3.041	14724.758
			Bottom	826.65	493.83	0.04	4.462	3.238	26607.566
L2	12.11	DX MIN	Top	-826.65	-493.83	-0.04	-4.462	-3.041	-14724.758
			Bottom	-826.65	-493.83	-0.04	-4.462	-3.238	-26607.566
L2	12.11	DY MAX	Top	1332.57	381.89	0.07	4.631	3.928	12599.818
			Bottom	1332.57	381.89	0.07	4.631	8.725	19294.860
L2	12.11	DY MIN	Top	-1332.57	-381.89	-0.07	-4.631	-3.928	-12599.818
			Bottom	-1332.57	-381.89	-0.07	-4.631	-8.725	-19294.860
L2	A-5.1	DEAD	Top	-137.88	28.49	0.00	0.021	-0.056	-497.482
			Bottom	-143.07	28.49	0.00	0.021	-0.023	484.808
L2	A-5.1	TORX	Top	30.96	-14.02	0.00	0.246	-0.143	169.706
			Bottom	30.96	-14.02	0.00	0.246	-0.311	-412.167
L2	A-5.1	TORY	Top	37.61	-17.35	-0.01	0.369	-0.187	209.696
			Bottom	37.61	-17.35	-0.01	0.369	-0.434	-510.471
L2	A-5.1	DX MAX	Top	202.03	106.15	0.41	2.531	7.674	1568.208
			Bottom	202.03	106.15	0.41	2.531	22.847	2869.369
L2	A-5.1	DX MIN	Top	-202.03	-106.15	-0.41	-2.531	-7.674	-1568.208
			Bottom	-202.03	-106.15	-0.41	-2.531	-22.847	-2869.369
L2	A-5.1	DY MAX	Top	664.59	334.81	0.28	1.782	4.012	3224.688
			Bottom	664.59	334.81	0.28	1.782	15.524	10796.707
L2	A-5.1	DY MIN	Top	-664.59	-334.81	-0.28	-1.782	-4.012	-3224.688
			Bottom	-664.59	-334.81	-0.28	-1.782	-15.524	-10796.707
L2	A-5.2	DEAD	Top	-46.88	19.36	0.00	0.054	-0.027	-598.151
			Bottom	-49.99	19.36	0.00	0.054	0.028	205.422
L2	A-5.2	TORX	Top	15.01	-7.74	0.00	-0.066	-0.068	315.387
			Bottom	15.01	-7.74	0.00	-0.066	-0.117	-105.648
L2	A-5.2	TORY	Top	18.29	-9.58	0.00	-0.099	-0.088	365.703
			Bottom	18.29	-9.58	0.00	-0.099	-0.159	-131.771
L2	A-5.2	DX MAX	Top	85.34	57.74	0.15	3.570	4.402	1529.611
			Bottom	85.34	57.74	0.15	3.570	10.036	872.025
L2	A-5.2	DX MIN	Top	-85.34	-57.74	-0.15	-3.570	-4.402	-1529.611
			Bottom	-85.34	-57.74	-0.15	-3.570	-10.036	-872.025

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L2	A-5.2	DY MAX	Top	358.78	186.76	0.13	1.324	2.380	5106.117
			Bottom	358.78	186.76	0.13	1.324	7.878	2671.421
L2	A-5.2	DY MIN	Top	-358.78	-186.76	-0.13	-1.324	-2.380	-5106.117
			Bottom	-358.78	-186.76	-0.13	-1.324	-7.878	-2671.421
L1	1.1	DEAD	Top	-1689.95	77.80	-0.01	-5.381	2.335	-32504.039
			Bottom	-1689.95	77.80	-0.01	-5.381	1.776	-15969.501
L1	1.1	TORX	Top	259.58	-78.06	-0.02	-1.435	1.799	-23213.391
			Bottom	259.58	-78.06	-0.02	-1.435	-0.066	-29770.264
L1	1.1	TORY	Top	316.24	-96.72	-0.03	-1.736	2.241	-28231.967
			Bottom	316.24	-96.72	-0.03	-1.736	-0.082	-36356.039
L1	1.1	DX MAX	Top	3275.35	2103.05	0.30	43.390	29.061	1174502.496
			Bottom	3275.35	2103.05	0.30	43.390	5.847	1327447.734
L1	1.1	DX MIN	Top	-3275.35	-2103.05	-0.30	-43.390	-29.061	-1174502.496
			Bottom	-3275.35	-2103.05	-0.30	-43.390	-5.847	-1327447.734
L1	1.1	DY MAX	Top	3859.58	333.16	1.26	180.792	107.121	413039.868
			Bottom	3859.58	333.16	1.26	180.792	6.940	396788.491
L1	1.1	DY MIN	Top	-3859.58	-333.16	-1.26	-180.792	-107.121	-413029.868
			Bottom	-3859.58	-333.16	-1.26	-180.792	-6.940	-396788.491
L1	1.3	DEAD	Top	-313.20	8.69	-0.05	0.031	4.362	-3542.554
			Bottom	-313.20	8.69	-0.05	0.031	0.004	-2812.719
L1	1.3	TORX	Top	-2.87	-71.24	-0.06	-5.777	4.889	41556.523
			Bottom	-2.87	-71.24	-0.06	-5.777	0.010	35572.277
L1	1.3	TORY	Top	-3.50	-89.46	-0.07	-7.175	6.088	50721.526
			Bottom	-3.50	-89.46	-0.07	-7.175	0.012	43206.619
L1	1.3	DX MAX	Top	63.86	2094.23	0.59	95.878	49.390	1148862.815
			Bottom	63.86	2094.23	0.59	95.878	0.095	980283.814
L1	1.3	DX MIN	Top	-63.86	-2094.23	-0.59	-95.878	-49.390	-1148862.815
			Bottom	-63.86	-2094.23	-0.59	-95.878	-0.095	-980283.814
L1	1.3	DY MAX	Top	368.05	354.87	4.52	205.421	380.260	165455.249
			Bottom	368.05	354.87	4.52	205.421	0.654	137032.038
L1	1.3	DY MIN	Top	-368.05	-354.87	-4.52	-205.421	-380.260	-165455.249
			Bottom	-368.05	-354.87	-4.52	-205.421	-0.654	-137032.038
L1	1.4	DEAD	Top	-1903.27	-107.12	-0.04	-4.618	5.945	69725.213
			Bottom	-1903.27	-107.12	-0.04	-4.618	2.707	60727.107
L1	1.4	TORX	Top	-266.79	-74.25	-0.05	1.820	4.127	-23042.724
			Bottom	-266.79	-74.25	-0.05	1.820	0.131	-28280.122
L1	1.4	TORY	Top	-325.04	-91.93	-0.06	2.345	5.106	-26794.851
			Bottom	-325.04	-91.93	-0.06	2.345	0.161	-34516.596
L1	1.4	DX MAX	Top	2361.07	1754.70	0.46	33.700	46.668	1260710.299
			Bottom	2361.07	1754.70	0.46	33.700	9.871	1380144.127
L1	1.4	DX MIN	Top	-2361.07	-1754.70	-0.46	-33.700	-46.668	-1260710.299
			Bottom	-2361.07	-1754.70	-0.46	-33.700	-9.871	-1380144.127
L1	1.4	DY MAX	Top	4647.81	1158.38	1.88	179.827	162.995	230953.570
			Bottom	4647.81	1158.38	1.88	179.827	7.527	164257.687

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L1	1.4	DY MIN	Top	-4647.81	-1158.38	-1.88	-179.827	-162.995	-230953.570
			Bottom	-4647.81	-1158.38	-1.88	-179.827	-7.527	-164257.687
L1	12.1	DEAD	Top	-1944.23	34.91	0.01	-0.313	-2.717	-28668.871
			Bottom	-1944.23	34.91	0.01	-0.313	-1.995	-25736.252
L1	12.1	TORX	Top	-282.10	94.13	0.01	1.150	-0.542	32856.384
			Bottom	-282.10	94.13	0.01	1.150	-0.020	40763.075
L1	12.1	TORY	Top	-344.21	117.27	0.01	1.676	-0.801	40148.585
			Bottom	-344.21	117.27	0.01	1.676	-0.025	49999.241
L1	12.1	DX MAX	Top	4211.84	1894.30	0.45	67.712	38.301	1160715.963
			Bottom	4211.84	1894.30	0.45	67.712	3.904	1293875.258
L1	12.1	DX MIN	Top	-4211.84	-1894.30	-0.45	-67.712	-38.301	-1160715.963
			Bottom	-4211.84	-1894.30	-0.45	-67.712	-3.904	-1293875.258
L1	12.1	DY MAX	Top	3479.57	269.73	0.45	55.748	39.545	375633.877
			Bottom	3479.57	269.73	0.45	55.748	6.240	384198.741
L1	12.1	DY MIN	Top	-3479.57	-269.73	-0.45	-55.748	-39.545	-375633.877
			Bottom	-3479.57	-269.73	-0.45	-55.748	-6.240	-384198.741
L1	12.2	DEAD	Top	-56.45	25.83	0.00	-0.184	0.117	-7177.115
			Bottom	-56.45	25.83	0.00	-0.184	-0.003	-5007.598
L1	12.2	TORX	Top	-19.50	11.94	0.00	-0.134	-0.012	-2493.808
			Bottom	-19.50	11.94	0.00	-0.134	-0.003	-1490.933
L1	12.2	TORY	Top	-23.95	14.74	0.00	-0.179	-0.030	-3061.745
			Bottom	-23.95	14.74	0.00	-0.179	-0.004	-1823.743
L1	12.2	DX MAX	Top	448.00	270.20	0.03	4.760	2.598	57343.643
			Bottom	448.00	270.20	0.03	4.760	0.157	34833.937
L1	12.2	DX MIN	Top	-448.00	-270.20	-0.03	-4.760	-2.598	-57343.643
			Bottom	-448.00	-270.20	-0.03	-4.760	-0.157	-34833.937
L1	12.2	DY MAX	Top	56.82	33.75	0.03	3.326	2.715	7280.258
			Bottom	56.82	33.75	0.03	3.326	0.131	5016.530
L1	12.2	DY MIN	Top	-56.82	-33.75	-0.03	-3.326	-2.715	-7280.258
			Bottom	-56.82	-33.75	-0.03	-3.326	-0.131	-5016.530
L1	12.3	DEAD	Top	-0.78	0.05	0.00	0.011	0.062	-38.880
			Bottom	-0.78	0.05	0.00	0.011	0.001	-34.895
L1	12.3	TORX	Top	-0.01	-0.64	0.00	0.103	0.033	275.545
			Bottom	-0.01	-0.64	0.00	0.103	0.001	-329.136
L1	12.3	TORY	Top	-0.01	-0.75	0.00	0.117	0.042	+342.031
			Bottom	-0.01	-0.75	0.00	0.117	0.001	-404.800
L1	12.3	DX MAX	Top	0.27	27.00	0.01	4.289	1.028	6460.232
			Bottom	0.27	27.00	0.01	4.289	0.003	7119.311
L1	12.3	DX MIN	Top	-0.27	-27.00	-0.01	-4.289	-1.028	-6460.232
			Bottom	-0.27	-27.00	-0.01	-4.289	-0.003	-7119.311
L1	12.3	DY MAX	Top	1.57	10.28	0.04	1.770	3.496	856.508
			Bottom	1.57	10.28	0.04	1.770	0.020	1535.127
L1	12.3	DY MIN	Top	-1.57	-10.28	-0.04	-1.770	-3.496	-856.508
			Bottom	-1.57	-10.28	-0.04	-1.770	-0.020	-1535.127

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L1	12.4	DEAD	Top	-51.80	-22.81	0.00	0.155	0.113	6580.703
			Bottom	-51.80	-22.81	0.00	0.155	-0.003	4664.945
L1	12.4	TORX	Top	19.87	12.03	0.00	-0.352	0.257	-2536.175
			Bottom	19.87	12.03	0.00	-0.352	0.013	-1525.819
L1	12.4	TORY	Top	24.40	14.85	0.00	-0.454	0.339	-3114.333
			Bottom	24.40	14.85	0.00	-0.454	0.017	-1866.772
L1	12.4	DX MAX	Top	445.83	268.48	0.03	4.572	3.683	57050.951
			Bottom	445.83	268.48	0.03	4.572	0.140	34669.489
L1	12.4	DX MIN	Top	-445.83	-268.48	-0.03	-4.572	-3.683	-57050.951
			Bottom	-445.83	-268.48	-0.03	-4.572	-0.140	-34669.489
L1	12.4	DY MAX	Top	134.89	74.06	0.05	6.065	4.578	17044.560
			Bottom	134.89	74.06	0.05	6.065	0.253	10847.206
L1	12.4	DY MIN	Top	-134.89	-74.06	-0.05	-6.065	-4.578	-17044.560
			Bottom	-134.89	-74.06	-0.05	-6.065	-0.253	-10847.206
L1	12.5	DEAD	Top	-1945.13	-16.74	0.01	-0.213	-2.609	46984.892
			Bottom	-1945.13	-16.74	0.01	-0.213	-2.181	45578.422
L1	12.5	TORX	Top	321.14	106.65	-0.05	5.941	4.193	25949.625
			Bottom	321.14	106.65	-0.05	5.941	0.213	34908.039
L1	12.5	TORY	Top	392.18	132.68	-0.06	7.694	5.381	31655.113
			Bottom	392.18	132.68	-0.06	7.694	0.262	42800.360
L1	12.5	DX MAX	Top	4108.20	1875.91	0.38	63.739	31.211	1164316.745
			Bottom	4108.20	1875.91	0.38	63.739	4.036	1296243.636
L1	12.5	DX MIN	Top	-4108.20	-1875.91	-0.38	-63.739	-31.211	-1164316.745
			Bottom	-4108.20	-1875.91	-0.38	-63.739	-4.036	-1296243.636
L1	12.5	DY MAX	Top	4549.49	1058.76	0.94	109.454	85.818	278358.469
			Bottom	4549.49	1058.76	0.94	109.454	7.761	209383.271
L1	12.5	DY MIN	Top	-4549.49	-1058.76	-0.94	-109.454	-85.818	-278358.469
			Bottom	-4549.49	-1058.76	-0.94	-109.454	-7.761	-209383.271
L1	A-1	DEAD	Top	-1963.45	107.00	-0.01	0.755	2.413	-184701.873
			Bottom	-1963.45	107.00	-0.01	0.755	1.993	-175713.703
L1	A-1	TORX	Top	265.27	-94.60	0.03	2.707	-2.644	-6681.636
			Bottom	265.27	-94.60	0.03	2.707	-0.141	-14628.309
L1	A-1	TORY	Top	323.39	-116.73	0.04	3.853	-3.620	-7895.490
			Bottom	323.39	-116.73	0.04	3.853	-0.177	-17701.114
L1	A-1	DX MAX	Top	4458.61	1130.34	1.50	214.854	129.890	708848.694
			Bottom	4458.61	1130.34	1.50	214.854	7.095	619760.336
L1	A-1	DX MIN	Top	-4458.61	-1130.34	-1.50	-214.854	-129.890	-708848.694
			Bottom	-4458.61	-1130.34	-1.50	-214.854	-7.095	-619760.336
L1	A-1	DY MAX	Top	2610.24	2315.91	1.03	159.808	89.529	990709.487
			Bottom	2610.24	2315.91	1.03	159.808	5.440	1156373.856
L1	A-1	DY MIN	Top	-2610.24	-2315.91	-1.03	-159.808	-89.529	-990709.487
			Bottom	-2610.24	-2315.91	-1.03	-159.808	-5.440	-1156373.856
L1	P-1	DEAD	Top	-1869.40	-8.28	0.01	-0.563	-2.848	-59208.554
			Bottom	-1869.40	-8.28	0.01	-0.563	-2.166	-59904.172

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L1	P-1	TORX	Top	-316.05	115.43	0.04	4.521	-3.071	34414.549
			Bottom	-316.05	115.43	0.04	4.521	-0.093	44110.962
L1	P-1	TORY	Top	-386.00	142.46	0.05	5.993	-4.082	41943.641
			Bottom	-386.00	142.46	0.05	5.993	-0.116	53910.451
L1	P-1	DX MAX	Top	4432.08	795.98	0.70	74.447	63.531	319673.396
			Bottom	4432.08	795.98	0.70	74.447	7.200	264804.184
L1	P-1	DX MIN	Top	-4432.08	-795.98	-0.70	-74.447	-63.531	-319673.396
			Bottom	-4432.08	-795.98	-0.70	-74.447	-7.200	-264804.184
L1	P-1	DY MAX	Top	4189.09	2131.78	0.38	56.973	30.364	1047844.085
			Bottom	4189.09	2131.78	0.38	56.973	3.426	1198415.462
L1	P-1	DY MIN	Top	-4189.09	-2131.78	-0.38	-56.973	-30.364	-1047844.085
			Bottom	-4189.09	-2131.78	-0.38	-56.973	-3.426	-1198415.462
L1	P-2	DEAD	Top	-113.17	-0.80	0.00	0.305	0.199	1205.039
			Bottom	-113.17	-0.80	0.00	0.305	-0.009	1137.883
L1	P-2	TORX	Top	-0.57	28.94	0.00	-0.626	-0.386	-17853.163
			Bottom	-0.57	28.94	0.00	-0.626	-0.011	-15422.433
L1	P-2	TORY	Top	-0.68	35.62	0.01	-0.858	-0.502	-21880.341
			Bottom	-0.68	35.62	0.01	-0.858	-0.015	-18898.100
L1	P-2	DX MAX	Top	180.23	70.46	0.08	11.487	6.946	41577.201
			Bottom	180.23	70.46	0.08	11.487	0.294	34727.048
L1	P-2	DX MIN	Top	-180.23	-70.46	-0.08	-11.487	-6.946	-41577.201
			Bottom	-180.23	-70.46	-0.08	-11.487	-0.294	-34727.048
L1	P-2	DY MAX	Top	19.83	578.04	0.07	17.693	5.807	350971.631
			Bottom	19.83	578.04	0.07	17.693	0.254	302969.704
L1	P-2	DY MIN	Top	-19.83	-578.04	-0.07	-17.693	-5.807	-350971.631
			Bottom	-19.83	-578.04	-0.07	-17.693	-0.254	-302969.704
L1	P-3	DEAD	Top	-1681.98	-7.96	0.03	0.866	-3.550	-41730.330
			Bottom	-1681.98	-7.96	0.03	0.866	-1.033	-42398.747
L1	P-3	TORX	Top	284.86	84.42	0.02	0.613	-1.583	44574.186
			Bottom	284.86	84.42	0.02	0.613	0.014	51665.468
L1	P-3	TORY	Top	347.28	104.68	0.02	0.763	-1.961	54421.665
			Bottom	347.28	104.68	0.02	0.763	0.018	63214.625
L1	P-3	DX MAX	Top	3449.18	188.48	0.37	56.317	29.800	316773.218
			Bottom	3449.18	188.48	0.37	56.317	4.060	214472.313
L1	P-3	DX MIN	Top	-3449.18	-188.48	-0.37	-56.317	-29.800	-316773.218
			Bottom	-3449.18	-188.48	-0.37	-56.317	-4.060	-214472.313
L1	P-3	DY MAX	Top	4477.75	1654.96	0.74	90.316	62.686	1061975.982
			Bottom	4477.75	1654.96	0.74	90.316	1.731	1177779.010
L1	P-3	DY MIN	Top	-4477.75	-1654.96	-0.74	-90.316	-62.686	-1061975.982
			Bottom	-4477.75	-1654.96	-0.74	-90.316	-1.731	-1177779.010
L1	A-6	DEAD	Top	-194.31	-31.85	-0.02	-0.020	1.439	3199.369
			Bottom	-194.31	-31.85	-0.02	-0.020	-0.001	523.746
L1	A-6	TORX	Top	-10.59	-60.81	0.02	0.100	-1.280	11227.732
			Bottom	-10.59	-60.81	0.02	0.100	-0.005	6119.962

PIER FORCES

STORY	PIER	LOAD	LOC	P	V2	V3	T	M2	M3
L1	A-6	TORY	Top	-12.87	-75.14	0.02	0.048	-1.668	13719.609
			Bottom	-12.87	-75.14	0.02	0.048	-0.006	7408.243
L1	A-6	DX MAX	Top	270.03	227.96	0.67	33.340	56.844	27478.360
			Bottom	270.03	227.96	0.67	33.340	0.184	14806.314
L1	A-6	DX MIN	Top	-270.03	-227.96	-0.67	-33.340	-56.844	-27478.360
			Bottom	-270.03	-227.96	-0.67	-33.340	-0.184	-14806.314
L1	A-6	DY MAX	Top	200.13	1572.84	0.74	17.605	62.230	265053.945
			Bottom	200.13	1572.84	0.74	17.605	0.321	137804.780
L1	A-6	DY MIN	Top	-200.13	-1572.84	-0.74	-17.605	-62.230	-265053.945
			Bottom	-200.13	-1572.84	-0.74	-17.605	-0.321	-137804.780
L1	A-7	DEAD	Top	-1676.77	-58.61	0.00	4.347	1.819	32366.430
			Bottom	-1676.77	-58.61	0.00	4.347	1.730	17442.883
L1	A-7	TORX	Top	-252.23	-72.53	0.02	-1.409	-1.953	-26584.413
			Bottom	-252.23	-72.53	0.02	-1.409	0.031	-34676.776
L1	A-7	TORY	Top	-307.25	-89.84	0.03	-1.695	-2.400	-34789.125
			Bottom	-307.25	-89.84	0.03	-1.695	0.039	-42335.982
L1	A-7	DX MAX	Top	4315.21	477.82	0.34	80.964	30.176	411327.035
			Bottom	4315.21	477.82	0.34	80.964	7.525	379670.485
L1	A-7	DX MIN	Top	-4315.21	-477.82	-0.34	-80.964	-30.176	-411327.035
			Bottom	-4315.21	-477.82	-0.34	-80.964	-7.525	-379670.485
L1	A-7	DY MAX	Top	2806.82	1993.74	0.85	101.519	71.856	1047635.590
			Bottom	2806.82	1993.74	0.85	101.519	5.699	1180706.060
L1	A-7	DY MIN	Top	-2806.82	-1993.74	-0.85	-101.519	-71.856	-1047635.590
			Bottom	-2806.82	-1993.74	-0.85	-101.519	-5.699	-1180706.060

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
RF	S1-1	DEAD	Left	-0.43	-1.51	0.00	-0.006	-0.008	30.311
			Right	-0.43	4.87	0.00	-0.007	-0.001	-93.952
RF	S1-1	TORX	Left	0.45	-11.80	0.00	-0.186	-0.064	-432.363
			Right	0.45	-11.80	0.00	-0.191	0.025	440.605
RF	S1-1	TORY	Left	0.55	-14.38	0.00	-0.227	-0.078	-527.054
			Right	0.55	-14.38	0.00	-0.233	0.030	537.143
RF	S1-1	DX MAX	Left	7.84	262.04	0.05	2.022	1.139	9624.263
			Right	8.65	262.04	0.05	2.718	1.010	9736.522
RF	S1-1	DX MIN	Left	-7.84	-262.04	-0.05	-2.022	-1.139	-9624.263
			Right	-8.65	-262.04	-0.05	-2.718	-1.010	-9736.522
RF	S1-1	DY MAX	Left	6.16	170.52	0.40	20.379	7.661	6256.063
			Right	6.09	170.52	0.42	18.267	8.588	6364.649
RF	S1-1	DY MIN	Left	-6.16	-170.52	-0.40	-20.379	-7.661	-6256.063
			Right	-6.09	-170.52	-0.42	-18.267	-8.588	-6364.649
RF	S1-8	DEAD	Left	-0.44	-4.97	0.00	0.005	-0.001	-97.816
			Right	-0.44	1.41	0.00	0.004	-0.007	33.991
RF	S1-8	TORX	Left	-0.44	-12.15	0.00	-0.192	-0.025	-453.374
			Right	-0.44	-12.15	0.00	-0.186	0.064	445.598
RF	S1-8	TORY	Left	-0.54	-14.81	0.00	-0.235	-0.030	-553.708
			Right	-0.54	-14.81	0.00	-0.227	0.078	543.191
RF	S1-8	DX MAX	Left	8.12	264.46	0.05	2.707	0.813	9818.123
			Right	7.30	264.46	0.04	1.838	0.902	9722.007
RF	S1-8	DX MIN	Left	-8.12	-264.46	-0.05	-2.707	-0.813	-9818.123
			Right	-7.30	-264.46	-0.04	-1.838	-0.902	-9722.007
RF	S1 8	DY MAX	Left	7.19	200.58	0.51	24.060	9.817	7483.885
			Right	7.13	200.58	0.50	22.191	8.796	7356.409
RF	S1-8	DY MIN	Left	-7.19	-200.58	-0.51	-24.060	-9.817	-7483.885
			Right	-7.13	-200.58	-0.50	-22.191	-8.796	-7356.409

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
RF	S12-1	DEAD	Left	-0.43	-1.56	0.00	0.005	0.008	28.610
			Right	-0.43	4.83	0.00	0.004	0.002	-92.268
RF	S12-1	TORX	Left	-0.45	12.07	0.00	-0.186	-0.064	442.484
			Right	-0.45	12.07	0.00	-0.191	0.025	-450.639
RF	S12-1	TORY	Left	-0.55	14.71	0.00	-0.226	-0.078	539.382
			Right	-0.55	14.71	0.00	-0.233	0.031	-549.364
RF	S12-1	DX MAX	Left	8.32	277.00	0.04	2.110	0.953	10172.363
			Right	9.20	277.00	0.05	2.395	0.862	10293.579
RF	S12-1	DX MIN	Left	-8.32	-277.00	-0.04	-2.110	-0.953	-10172.363
			Right	-9.20	-277.00	-0.05	-2.395	-0.862	-10293.579
RF	S12-1	DY MAX	Left	8.03	167.38	0.40	20.411	7.633	6141.078
			Right	5.97	167.38	0.42	18.295	8.575	6246.938
RF	S12-1	DY MIN	Left	-8.03	-167.38	-0.40	-20.411	-7.633	-6141.078
			Right	-5.97	-167.38	-0.42	-18.295	-8.575	-6246.938
RF	S12-8	DEAD	Left	-0.43	-4.58	0.00	-0.006	0.001	-83.090
			Right	-0.43	1.81	0.00	-0.007	0.008	19.382
RF	S12-8	TORX	Left	0.43	11.97	0.00	-0.191	-0.025	446.507
			Right	0.43	11.97	0.00	-0.185	0.063	-439.150
RF	S12-8	TORY	Left	0.52	14.59	0.00	-0.234	-0.031	544.351
			Right	0.52	14.59	0.00	-0.226	0.078	-535.344
RF	S12-8	DX MAX	Left	8.42	272.86	0.04	2.878	0.830	10129.744
			Right	7.54	272.86	0.05	1.696	1.027	10029.591
RF	S12-8	DX MIN	Left	-8.42	-272.86	-0.04	-2.878	-0.830	-10129.744
			Right	-7.54	-272.86	-0.05	-1.696	-1.027	-10029.591
RF	S12-8	DY MAX	Left	6.69	191.80	0.51	24.025	9.829	7153.317
			Right	6.64	191.80	0.50	22.206	8.801	7037.521
RF	S12-8	DY MIN	Left	-6.69	-191.80	-0.51	-24.025	-9.829	-7153.317
			Right	-6.64	-191.80	-0.50	-22.206	-8.801	-7037.521

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
RF	SA-1	DEAD	Left	-0.44	-1.50	0.00	-0.006	-0.008	30.568
			Right	-0.44	4.88	0.00	-0.007	-0.001	-94.498
RF	SA-1	TORX	Left	0.47	-12.13	0.00	-0.181	-0.058	-444.554
			Right	0.47	-12.13	0.00	-0.186	0.028	453.300
RF	SA-1	TORY	Left	0.57	-14.79	0.00	-0.220	-0.070	-541.773
			Right	0.57	-14.79	0.00	-0.226	0.034	552.483
RF	SA-1	DX MAX	Left	6.94	191.55	0.47	21.049	8.453	7033.320
			Right	6.98	191.55	0.49	22.573	9.352	7149.728
RF	SA-1	DX MIN	Left	-6.94	-191.55	-0.47	-21.049	-8.453	-7033.320
			Right	-6.98	-191.55	-0.49	-22.573	-9.352	-7149.728
RF	SA-1	DY MAX	Left	7.50	247.16	0.07	2.398	1.270	9075.053
			Right	8.25	247.16	0.06	4.982	1.073	9187.688
RF	SA-1	DY MIN	Left	-7.50	-247.16	-0.07	-2.398	-1.270	-9075.053
			Right	-8.25	-247.16	-0.06	-4.982	-1.073	-9187.688
RF	SA-8	DEAD	Left	-0.43	-4.76	0.00	0.005	-0.001	-89.845
			Right	-0.43	1.62	0.00	0.004	-0.009	26.295
RF	SA-8	TORX	Left	-0.43	-12.08	0.00	-0.185	-0.027	-450.782
			Right	-0.43	-12.08	0.00	-0.181	0.058	443.241
RF	SA-8	TORY	Left	-0.53	-14.72	0.00	-0.226	-0.033	-549.385
			Right	-0.53	-14.72	0.00	-0.221	0.071	540.151
RF	SA-8	DX MAX	Left	6.15	177.09	0.45	19.118	8.768	6607.274
			Right	6.21	177.09	0.44	20.075	7.914	6499.468
RF	SA-8	DX MIN	Left	-6.15	-177.09	-0.45	-19.118	-8.768	-6607.274
			Right	-6.21	-177.09	-0.44	-20.075	-7.914	-6499.468
RF	SA-8	DY MAX	Left	7.66	250.70	0.06	2.814	1.438	9307.763
			Right	6.90	250.70	0.06	2.369	1.638	9217.183
RF	SA-8	DY MIN	Left	-7.66	-250.70	-0.06	-2.814	-1.438	-9307.763
			Right	-6.90	-250.70	-0.06	-2.369	-1.638	-9217.183

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
RF	SP-1	DEAD	Left	-0.43	-2.19	0.00	0.005	0.008	5.370
			Right	-0.43	4.20	0.00	0.004	0.002	-68.909
RF	SP-1	TORX	Left	-0.47	11.79	0.00	-0.181	-0.057	431.605
			Right	-0.47	11.79	0.00	-0.186	0.028	-440.566
RF	SP-1	TORY	Left	-0.58	14.36	0.00	-0.221	-0.070	526.002
			Right	-0.58	14.36	0.00	-0.227	0.034	-536.972
RF	SP-1	DX MAX	Left	6.86	182.97	0.47	20.762	8.467	6706.245
			Right	6.89	182.97	0.49	20.253	9.349	6832.511
RF	SP-1	DX MIN	Left	-6.86	-182.97	-0.47	-20.762	-8.467	-6706.245
			Right	-6.89	-182.97	-0.49	-20.253	-9.349	-6832.511
RF	SP-1	DY MAX	Left	8.45	272.42	0.06	1.871	1.123	9998.434
			Right	9.38	272.42	0.07	3.739	0.979	10126.404
RF	SP-1	DY MIN	Left	-8.45	-272.42	-0.06	-1.871	-1.123	-9998.434
			Right	-9.38	-272.42	-0.07	-3.739	-0.979	-10126.404
RF	SP-8	DEAD	Left	-0.41	-4.37	0.00	-0.007	0.001	-75.203
			Right	-0.41	2.02	0.00	-0.008	0.009	11.879
RF	SP-8	TORX	Left	0.45	12.41	0.00	-0.186	-0.027	463.189
			Right	0.45	12.41	0.00	-0.182	0.058	-455.335
RF	SP-8	TORY	Left	0.55	15.13	0.00	-0.227	-0.033	564.491
			Right	0.55	15.13	0.00	-0.222	0.071	-554.752
RF	SP-8	DX MAX	Left	6.34	179.89	0.45	19.042	8.765	6713.884
			Right	6.38	179.89	0.44	20.040	7.921	6599.554
RF	SP-8	DX MIN	Left	-6.34	-179.89	-0.45	-19.042	-8.765	-6713.884
			Right	-6.38	-179.89	-0.44	-20.040	-7.921	-6599.554
RF	SP-8	DY MAX	Left	8.86	286.01	0.06	2.706	1.087	10631.196
			Right	7.94	286.01	0.06	2.744	1.054	10509.725
RF	SP-8	DY MIN	Left	-8.86	-286.01	-0.06	-2.706	-1.087	-10631.196
			Right	-7.94	-286.01	-0.06	-2.744	-1.054	-10509.725

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L14	S1-1	DEAD	Left	-1.66	-3.16	0.00	0.002	-0.028	63.662
			Right	-1.66	8.30	0.00	0.003	0.013	-126.480
L14	S1-1	TORX	Left	0.89	-29.61	0.00	-0.160	-0.050	-1121.765
			Right	0.89	-29.61	0.00	-0.155	-0.051	1069.093
L14	S1-1	TORY	Left	1.09	-36.20	0.00	-0.195	-0.062	-1371.462
			Right	1.09	-36.20	0.00	-0.189	-0.063	1307.078
L14	S1-1	DX MAX	Left	17.72	701.79	0.04	4.229	1.762	26507.448
			Right	19.59	701.79	0.06	3.124	2.384	25444.852
L14	S1-1	DX MIN	Left	-17.72	-701.79	-0.04	-4.229	-1.762	-26507.448
			Right	-18.59	-701.79	-0.06	-3.124	-2.384	-25444.852
L14	S1-1	DY MAX	Left	12.92	285.72	0.39	28.995	11.863	10881.368
			Right	12.85	285.72	0.52	21.977	20.906	10260.809
L14	S1-1	DY MIN	Left	-12.92	-285.72	-0.39	-28.995	-11.863	-10881.368
			Right	-12.85	-285.72	-0.52	-21.977	-20.906	-10260.809
L14	S1-8	DEAD	Left	-1.67	-8.48	0.00	-0.005	0.013	-132.671
			Right	-1.67	2.98	0.00	-0.004	-0.029	70.596
L14	S1-8	TORX	Left	-0.89	-30.22	0.00	-0.154	0.050	-1092.167
			Right	-0.89	-30.22	0.00	-0.160	0.050	1144.282
L14	S1-8	TORY	Left	-1.09	-36.95	0.00	-0.188	0.060	-1335.236
			Right	-1.09	-36.95	0.00	-0.195	0.062	1398.933
L14	S1-8	DX MAX	Left	18.10	705.19	0.06	3.373	2.832	25591.585
			Right	17.23	705.19	0.05	3.970	2.213	26611.724
L14	S1-8	DX MIN	Left	-18.10	-705.19	-0.06	-3.373	-2.832	-25591.585
			Right	-17.23	-705.19	-0.05	-3.970	-2.213	-26611.724
L14	S1-8	DY MAX	Left	15.18	362.78	0.59	25.974	23.148	13053.648
			Right	15.07	362.78	0.47	32.632	13.211	13794.465
L14	S1-8	DY MIN	Left	-15.18	-362.78	-0.59	-25.974	-23.148	-13053.648
			Right	-15.07	-362.78	-0.47	-32.632	-13.211	-13794.465

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L14	S12-1	DEAD	Left	-1.65	-3.24	0.00	-0.006	0.029	60.985
			Right	-1.65	8.23	0.00	-0.006	-0.011	-123.799
L14	S12-1	TORX	Left	-0.90	30.03	0.00	-0.160	-0.051	1137.524
			Right	-0.90	30.03	0.00	-0.155	-0.050	-1084.345
L14	S12-1	TORY	Left	-1.10	36.71	0.00	-0.195	-0.062	1390.648
			Right	-1.10	36.71	0.00	-0.188	-0.061	-1325.648
L14	S12-1	DX MAX	Left	18.77	735.93	0.05	3.276	3.660	27801.052
			Right	19.71	735.93	0.06	2.995	3.151	26678.882
L14	S12-1	DX MIN	Left	-18.77	-735.93	-0.05	-3.276	-3.660	-27801.052
			Right	-19.71	-735.93	-0.06	-2.995	-3.151	-26678.882
L14	S12-1	DY MAX	Left	12.62	285.87	0.39	29.124	11.651	10882.084
			Right	12.57	285.87	0.52	33.134	20.706	10271.420
L14	S12-1	DY MIN	Left	-12.62	-285.87	-0.39	-29.124	-11.651	-10882.084
			Right	-12.57	-285.87	-0.52	-33.134	-20.706	-10271.420
L14	S12-8	DEAD	Left	-1.65	-7.82	0.00	0.001	-0.011	-109.092
			Right	-1.65	3.65	0.00	0.002	0.030	45.193
L14	S12-8	TORX	Left	0.86	29.88	0.00	-0.155	0.050	1080.160
			Right	0.86	29.88	0.00	-0.161	0.050	-1131.052
L14	S12-8	TORY	Left	1.05	36.53	0.00	-0.189	0.061	1320.608
			Right	1.05	36.53	0.00	-0.197	0.062	-1383.815
L14	S12-8	DX MAX	Left	18.62	729.78	0.06	3.402	3.758	26483.510
			Right	17.67	729.78	0.05	3.725	2.056	27541.189
L14	S12-8	DX MIN	Left	-18.62	-729.78	-0.06	-3.402	-3.758	-26483.510
			Right	-17.67	-729.78	-0.05	-3.725	-2.056	-27541.189
L14	S12-8	DY MAX	Left	14.19	342.72	0.59	25.860	23.338	12336.476
			Right	14.10	342.72	0.47	32.561	13.382	13027.312
L14	S12-8	DY MIN	Left	-14.19	-342.72	-0.59	-25.860	-23.338	-12336.476
			Right	-14.10	-342.72	-0.47	-32.561	-13.382	-13027.312

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L14	SA-1	DEAD	Left	-1.66	-3.17	0.00	0.001	-0.028	63.922
			Right	-1.66	9.39	0.00	0.003	0.013	-125.531
L14	SA-1	TORX	Left	0.95	-32.32	0.00	-0.167	-0.038	-1221.862
			Right	0.95	-32.32	0.00	-0.162	-0.041	1168.123
L14	SA-1	TORY	Left	1.16	-39.53	0.00	-0.203	-0.047	-1496.501
			Right	1.16	-39.53	0.00	-0.197	-0.051	1428.381
L14	SA-1	DX MAX	Left	14.64	341.13	0.45	30.759	12.853	12980.767
			Right	14.71	341.13	0.57	23.698	22.177	12244.519
L14	SA-1	DX MIN	Left	-14.64	-341.13	-0.45	-30.759	-12.853	-12980.767
			Right	-14.71	-341.13	-0.57	-23.698	-22.177	-12244.519
L14	SA-1	DY MAX	Left	17.08	668.39	0.06	6.683	1.969	25247.089
			Right	17.91	668.39	0.07	6.251	3.139	24231.918
L14	SA-1	DY MIN	Left	-17.09	-668.39	-0.06	-6.683	-1.969	-25247.089
			Right	-17.91	-668.39	-0.07	-6.251	-3.139	-24231.918
L14	SA-8	DEAD	Left	-1.64	-8.13	0.00	-0.006	0.013	-120.002
			Right	-1.64	3.34	0.00	-0.005	-0.029	54.773
L14	SA-8	TORX	Left	-0.89	-32.23	0.00	-0.161	0.042	-1165.881
			Right	-0.89	-32.23	0.00	-0.167	0.039	1219.350
L14	SA-8	TORY	Left	-1.08	-39.41	0.00	-0.198	0.051	-1425.602
			Right	-1.08	-39.41	0.00	-0.203	0.048	1490.961
L14	SA-8	DX MAX	Left	13.07	301.73	0.53	19.519	19.329	10846.743
			Right	13.10	301.73	0.41	26.688	11.491	11480.617
L14	SA-8	DX MIN	Left	-13.07	-301.73	-0.53	-19.519	-19.329	-10846.743
			Right	-13.10	-301.73	-0.41	-26.688	-11.491	-11480.617
L14	SA-8	DY MAX	Left	17.05	673.40	0.07	2.993	3.234	24433.323
			Right	16.23	673.40	0.06	4.067	2.854	25416.676
L14	SA-8	DY MIN	Left	-17.05	-673.40	-0.07	-2.993	-3.234	-24433.323
			Right	-16.23	-673.40	-0.06	-4.067	-2.854	-25416.676

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L14	SP-1	DEAD	Left	-1.62	-4.29	0.00	-0.006	0.030	20.793
			Right	-1.62	7.18	0.00	-0.005	-0.012	-85.913
L14	SP-1	TORX	Left	-0.93	31.68	0.00	-0.167	-0.038	1200.249
			Right	-0.93	31.68	0.00	-0.162	-0.041	-1144.269
L14	SP-1	TORY	Left	-1.14	38.74	0.00	-0.203	-0.047	1467.769
			Right	-1.14	38.74	0.00	-0.197	-0.051	-1399.345
L14	SP-1	DX MAX	Left	14.21	322.85	0.45	27.105	12.254	12296.012
			Right	14.27	322.85	0.56	19.409	20.035	11596.584
L14	SP-1	DX MIN	Left	-14.21	-322.85	-0.45	-27.105	-12.254	-12296.012
			Right	-14.27	-322.85	-0.56	-19.409	-20.035	-11596.584
L14	SP-1	DY MAX	Left	18.85	731.33	0.05	3.270	3.313	27634.321
			Right	19.84	731.33	0.06	2.905	4.200	26499.178
L14	SP-1	DY MIN	Left	-18.85	-731.33	-0.05	-3.270	-3.313	-27634.321
			Right	-19.84	-731.33	-0.06	-2.905	-4.200	-26499.178
L14	SP-8	DEAD	Left	-1.62	-7.44	0.00	0.003	-0.011	-95.755
			Right	-1.62	4.02	0.00	0.004	0.029	30.781
L14	SP-8	TORX	Left	0.92	32.87	0.00	-0.162	0.042	1188.664
			Right	0.92	32.87	0.00	-0.166	0.039	-1243.743
L14	SP-8	TORY	Left	1.12	40.19	0.00	-0.197	0.051	1453.348
			Right	1.12	40.19	0.00	-0.202	0.049	-1520.673
L14	SP-8	DX MAX	Left	13.50	310.28	0.53	19.374	19.290	11154.250
			Right	13.53	310.28	0.41	26.539	11.512	11806.141
L14	SP-8	DX MIN	Left	-13.50	-310.28	-0.53	-19.374	-19.290	-11154.250
			Right	-13.53	-310.28	-0.41	-26.539	-11.512	-11806.141
L14	SP-8	DY MAX	Left	19.65	759.08	0.07	3.388	3.860	27533.428
			Right	18.65	759.08	0.06	4.277	2.405	28660.893
L14	SP-8	DY MIN	Left	-19.65	-759.08	-0.07	-3.388	-3.860	-27533.428
			Right	-18.65	-759.08	-0.06	-4.277	-2.405	-28660.893

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L13	S1-1	DEAD	Left	-0.92	-1.56	0.00	0.019	-0.028	3.752
			Right	-0.92	2.89	0.00	0.019	-0.010	-45.643
L13	S1-1	TORX	Left	-0.43	-8.03	0.00	-0.036	-0.018	-290.988
			Right	-0.43	-8.03	0.00	-0.036	0.001	303.290
L13	S1-1	TORY	Left	-0.52	-9.84	0.00	-0.043	-0.022	-356.436
			Right	-0.52	-9.84	0.00	-0.044	0.001	371.511
L13	S1-1	DX MAX	Left	16.10	209.46	0.09	1.166	3.113	7642.473
			Right	15.82	209.46	0.06	0.854	3.221	7855.664
L13	S1-1	DX MIN	Left	-16.10	-209.46	-0.09	-1.166	-3.113	-7642.473
			Right	-15.82	-209.46	-0.06	-0.854	-3.221	-7855.664
L13	S1-1	DY MAX	Left	6.09	45.85	0.65	6.875	9.465	1627.618
			Right	6.07	45.85	0.27	2.405	27.378	1765.995
L13	S1-1	DY MIN	Left	-6.09	-45.85	-0.65	-6.875	-9.465	-1627.618
			Right	-6.07	-45.85	-0.27	-2.405	-27.378	-1765.995
L13	S1-8	DEAD	Left	-0.92	-2.95	0.00	-0.018	-0.011	-47.823
			Right	-0.92	1.50	0.00	-0.019	-0.026	5.853
L13	S1-8	TORX	Left	0.41	-8.15	0.00	-0.036	-0.001	-307.661
			Right	0.41	-8.15	0.00	-0.035	0.018	295.374
L13	S1-8	TORY	Left	0.50	-9.98	0.00	-0.044	-0.001	-376.846
			Right	0.50	-9.98	0.00	-0.043	0.022	361.790
L13	S1-8	DX MAX	Left	15.19	209.69	0.08	0.826	3.601	7862.441
			Right	15.49	209.69	0.09	0.889	3.645	7652.589
L13	S1-8	DX MIN	Left	-15.19	-209.69	-0.08	-0.826	-3.601	-7862.441
			Right	-15.48	-209.69	-0.09	-0.889	-3.645	-7652.589
L13	S1-8	DY MAX	Left	5.62	65.28	0.29	2.429	31.138	2503.055
			Right	5.64	65.28	0.74	7.307	10.081	2327.234
L13	S1-8	DY MIN	Left	-5.62	-65.28	-0.29	-2.429	-31.138	-2503.055
			Right	-5.64	-65.28	-0.74	-7.307	-10.081	-2327.234

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L13	S12-1	DEAD	Left	-0.91	-1.56	0.00	-0.021	0.027	3.603
			Right	-0.91	2.89	0.00	-0.021	0.009	-45.463
L13	S12-1	TORX	Left	0.44	8.11	0.00	-0.034	-0.017	293.823
			Right	0.44	8.11	0.00	-0.035	0.002	-308.214
L13	S12-1	TORY	Left	0.53	9.93	0.00	-0.042	-0.021	359.686
			Right	0.53	9.93	0.00	-0.043	0.002	-375.070
L13	S12-1	DX MAX	Left	16.69	218.22	0.08	0.950	4.546	7958.942
			Right	16.37	218.22	0.11	0.869	3.059	8186.965
L13	S12-1	DX MIN	Left	-16.69	-218.22	-0.08	-0.950	-4.546	-7958.942
			Right	-16.37	-218.22	-0.11	-0.869	-3.059	-8186.965
L13	S12-1	DY MAX	Left	5.98	47.32	0.65	6.936	9.243	1691.058
			Right	5.98	47.32	0.26	2.382	27.356	1821.139
L13	S12-1	DY MIN	Left	-5.98	-47.32	-0.65	-6.936	-9.243	-1691.058
			Right	-5.98	-47.32	-0.26	-2.382	-27.356	-1821.139
L13	S12-8	DEAD	Left	-0.98	-1.76	0.00	0.016	0.010	-40.795
			Right	-0.98	1.69	0.00	0.016	0.025	-1.086
L13	S12-8	TORX	Left	-0.42	8.08	0.00	-0.037	-0.001	305.211
			Right	-0.42	8.08	0.00	-0.036	0.017	-293.024
L13	S12-8	TORY	Left	-0.51	9.90	0.00	-0.045	-0.001	373.862
			Right	-0.51	9.90	0.00	-0.044	0.020	-358.927
L13	S12-8	DX MAX	Left	15.65	217.24	0.07	0.867	3.478	8146.769
			Right	15.96	217.24	0.09	1.155	3.531	7926.905
L13	S12-8	DX MIN	Left	-15.65	-217.24	-0.07	-0.867	-3.478	-8146.769
			Right	-15.96	-217.24	-0.09	-1.155	-3.531	-7926.905
L13	S12-8	DY MAX	Left	5.75	59.96	0.29	2.473	31.181	2303.466
			Right	5.77	59.96	0.74	7.229	10.201	2133.500
L13	S12-8	DY MIN	Left	-5.75	-59.96	-0.29	-2.473	-31.181	-2303.466
			Right	-5.77	-59.96	-0.74	-7.229	-10.201	-2133.500

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L13	SA-1	DEAD	Left	-0.83	-1.53	0.00	0.019	-0.027	4.908
			Right	-0.83	2.92	0.00	0.019	-0.010	-46.754
L13	SA-1	TORX	Left	-0.53	-9.22	0.00	-0.040	-0.017	-334.876
			Right	-0.53	-9.22	0.00	-0.040	0.001	347.706
L13	SA-1	TORY	Left	-0.65	-11.30	0.00	-0.048	-0.020	-410.307
			Right	-0.65	-11.30	0.00	-0.049	0.001	426.030
L13	SA-1	DX MAX	Left	6.10	59.90	0.71	7.808	8.688	2131.955
			Right	6.07	59.90	0.26	2.059	26.457	2300.575
L13	SA-1	DX MIN	Left	-6.10	-59.90	-0.71	-7.808	-8.688	-2131.955
			Right	-6.07	-59.90	-0.26	-2.059	-26.457	-2300.575
L13	SA-1	DY MAX	Left	14.98	200.40	0.18	1.560	5.009	7311.593
			Right	14.73	200.40	0.10	0.883	5.422	7516.224
L13	SA-1	DY MIN	Left	-14.98	-200.40	-0.18	-1.560	-5.009	-7311.593
			Right	-14.73	-200.40	-0.10	-0.883	-5.422	-7516.224
L13	SA-8	DEAD	Left	-0.91	-2.88	0.00	-0.020	-0.010	-44.970
			Right	-0.91	1.57	0.00	-0.020	-0.027	3.199
L13	SA-8	TORX	Left	0.53	-9.23	0.00	-0.042	-0.001	-347.747
			Right	0.53	-9.23	0.00	-0.041	0.016	335.611
L13	SA-8	TORY	Left	0.65	-11.31	0.00	-0.051	-0.001	-426.073
			Right	0.65	-11.31	0.00	-0.050	0.020	411.201
L13	SA-8	DX MAX	Left	6.05	48.96	0.29	3.304	21.829	1884.782
			Right	6.05	48.96	0.59	7.768	9.815	1739.040
L13	SA-8	DX MIN	Left	-6.05	-48.96	-0.29	-3.304	-21.829	-1884.782
			Right	-6.05	-48.96	-0.59	-7.768	-9.815	-1739.040
L13	SA-8	DY MAX	Left	14.96	201.91	0.11	0.600	2.876	7565.081
			Right	15.22	201.91	0.09	1.231	4.926	7374.423
L13	SA-8	DY MIN	Left	-14.96	-201.91	-0.11	-0.600	-2.876	-7565.081
			Right	-15.22	-201.91	-0.09	-1.231	-4.926	-7374.423

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L13	SP-1	DEAD	Left	-1.01	-1.83	0.00	-0.019	0.026	-6.180
			Right	-1.01	2.62	0.00	-0.019	0.010	-35.573
L13	SP-1	TORX	Left	0.63	9.07	0.00	-0.040	-0.016	329.338
			Right	0.63	9.07	0.00	-0.041	0.001	-341.889
L13	SP-1	TORY	Left	0.77	11.12	0.00	-0.049	-0.020	403.563
			Right	0.77	11.12	0.00	-0.050	0.001	-418.960
L13	SP-1	DX MAX	Left	5.87	55.24	0.59	7.951	10.428	1962.683
			Right	5.87	55.24	0.31	2.246	21.798	2125.003
L13	SP-1	DX MIN	Left	-5.87	-55.24	-0.59	-7.951	-10.428	-1962.683
			Right	-5.87	-55.24	-0.31	-2.246	-21.798	-2125.003
L13	SP-1	DY MAX	Left	18.56	217.54	0.09	1.460	5.796	7934.480
			Right	18.24	217.54	0.12	0.641	3.419	8161.248
L13	SP-1	DY MIN	Left	-18.56	-217.54	-0.09	-1.460	-5.796	-7934.480
			Right	-18.24	-217.54	-0.12	-0.641	-3.419	-8161.248
L13	SP-8	DEAD	Left	-0.96	-2.70	0.00	0.020	0.010	-38.286
			Right	-0.96	1.75	0.00	0.020	0.027	-3.376
L13	SP-8	TORX	Left	-0.53	9.36	0.00	-0.041	-0.001	352.604
			Right	-0.53	9.36	0.00	-0.041	0.016	-340.337
L13	SP-8	TORY	Left	-0.65	11.47	0.00	-0.050	-0.001	431.996
			Right	-0.65	11.47	0.00	-0.049	0.020	-416.965
L13	SP-8	DX MAX	Left	6.39	51.56	0.29	2.284	21.701	1981.842
			Right	6.41	51.56	0.59	7.668	9.741	1833.847
L13	SP-8	DX MIN	Left	-6.39	-51.56	-0.29	-2.284	-21.701	-1981.842
			Right	-6.41	-51.56	-0.59	-7.668	-9.741	-1833.847
L13	SP-8	DY MAX	Left	16.14	224.40	0.10	0.857	2.716	8412.511
			Right	16.45	224.40	0.11	1.443	5.695	8190.957
L13	SP-8	DY MIN	Left	-16.14	-224.40	-0.10	-0.857	-2.716	-8412.511
			Right	-16.45	-224.40	-0.11	-1.443	-5.695	-8190.957

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L12	S1-1	DEAD	Left	-1.76	0.22	0.00	0.008	-0.041	107.190
			Right	-1.76	8.14	0.00	0.007	0.023	-202.227
L12	S1-1	TORX	Left	1.45	-19.03	0.00	-0.032	0.022	-683.564
			Right	1.45	-19.03	0.00	-0.033	0.024	724.368
L12	S1-1	TORY	Left	1.78	-23.29	0.00	-0.039	0.027	-836.778
			Right	1.78	-23.29	0.00	-0.040	0.029	886.683
L12	S1-1	DX MAX	Left	28.47	461.60	0.03	4.498	1.019	16593.231
			Right	28.65	461.60	0.08	4.521	2.254	17564.147
L12	S1-1	DX MIN	Left	-28.47	-461.60	-0.03	-4.498	-1.019	-16593.231
			Right	-28.65	-461.60	-0.08	-4.521	-2.254	-17564.147
L12	S1-1	DY MAX	Left	16.81	139.99	0.22	33.825	6.214	5016.041
			Right	16.79	139.99	0.36	33.320	12.664	5343.381
L12	S1-1	DY MIN	Left	-16.81	-139.99	-0.22	-33.825	-6.214	-5016.041
			Right	-16.79	-139.99	-0.36	-33.320	-12.664	-5343.381
L12	S1-8	DEAD	Left	-1.77	-8.54	0.00	-0.007	0.023	-217.053
			Right	-1.77	-0.62	0.00	-0.007	-0.041	121.842
L12	S1-8	TORX	Left	-1.46	-19.37	0.00	-0.033	-0.025	-737.248
			Right	-1.46	-19.37	0.00	-0.032	-0.022	698.426
L12	S1-8	TORY	Left	-1.79	-23.71	0.00	-0.040	-0.030	-902.397
			Right	-1.79	-23.71	0.00	-0.039	-0.028	852.474
L12	S1-8	DX MAX	Left	28.10	459.75	0.05	4.734	1.615	17484.290
			Right	27.92	459.75	0.04	4.918	1.715	16536.005
L12	S1-8	DX MIN	Left	-28.10	-459.75	-0.05	-4.734	-1.615	-17484.290
			Right	-27.92	-459.75	-0.04	-4.918	-1.715	-16536.005
L12	S1-8	DY MAX	Left	20.47	184.18	0.44	37.523	14.209	7023.775
			Right	20.45	184.18	0.29	38.626	7.558	6605.703
L12	S1-8	DY MIN	Left	-20.47	-184.18	-0.44	-37.523	-14.209	-7023.775
			Right	-20.45	-184.18	-0.29	-38.626	-7.558	-6605.703

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L12	S12-1	DEAD	Left	-1.76	0.26	0.00	-0.009	0.043	108.588
			Right	-1.76	8.18	0.00	-0.009	-0.024	-203.814
L12	S12-1	TORX	Left	-1.48	19.29	0.00	-0.030	0.018	693.817
			Right	-1.48	19.29	0.00	-0.031	0.027	-734.310
L12	S12-1	TORY	Left	-1.80	23.61	0.00	-0.037	0.022	848.043
			Right	-1.80	23.61	0.00	-0.037	0.033	-898.784
L12	S12-1	DX MAX	Left	30.10	482.79	0.05	4.086	2.200	17355.776
			Right	30.30	482.79	0.05	3.913	2.005	18369.915
L12	S12-1	DX MIN	Left	-30.10	-482.79	-0.05	-4.086	-2.200	-17355.776
			Right	-30.30	-482.79	-0.05	-3.913	-2.005	-18369.915
L12	S12-1	DY MAX	Left	16.80	140.71	0.22	33.431	6.057	5042.436
			Right	16.79	140.71	0.36	32.937	12.688	5370.078
L12	S12-1	DY MIN	Left	-16.80	-140.71	-0.22	-33.431	-6.057	-5042.436
			Right	-16.79	-140.71	-0.36	-32.937	-12.688	-5370.078
L12	S12-8	DEAD	Left	-1.72	-7.59	0.00	0.005	-0.024	-180.801
			Right	-1.72	0.33	0.00	0.005	0.043	87.918
L12	S12-8	TORX	Left	1.45	19.16	0.00	-0.033	-0.027	729.213
			Right	1.45	19.16	0.00	-0.033	-0.020	-688.630
L12	S12-8	TORY	Left	1.77	23.45	0.00	-0.040	-0.033	892.614
			Right	1.77	23.45	0.00	-0.039	-0.025	-842.982
L12	S12-8	DX MAX	Left	29.29	477.84	0.05	4.743	1.797	18171.816
			Right	29.08	477.84	0.04	4.861	1.455	17187.171
L12	S12-8	DX MIN	Left	-29.29	-477.84	-0.05	-4.743	-1.797	-18171.816
			Right	-29.08	-477.84	-0.04	-4.861	-1.455	-17187.171
L12	S12-8	DY MAX	Left	19.54	168.48	0.43	38.019	14.232	6428.008
			Right	19.53	168.48	0.29	39.139	7.709	6039.325
L12	S12-8	DY MIN	Left	-19.54	-168.48	-0.43	-38.019	-14.232	-6428.008
			Right	-19.53	-168.48	-0.29	-39.139	-7.709	-6039.325

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L12	SA-1	DEAD	Left	-1.82	0.67	0.00	0.008	-0.042	122.564
			Right	-1.82	8.58	0.00	0.008	0.035	-219.869
L12	SA-1	TORX	Left	1.55	-31.38	0.00	-0.039	0.013	-768.865
			Right	1.55	-31.38	0.00	-0.039	0.023	813.160
L12	SA-1	TORY	Left	1.89	-26.18	0.00	-0.047	0.016	-941.562
			Right	1.89	-26.18	0.00	-0.048	0.028	995.752
L12	SA-1	DX MAX	Left	19.78	172.22	0.28	31.097	8.523	6173.749
			Right	19.79	172.22	0.44	29.972	15.405	6570.530
L12	SA-1	DX MIN	Left	-19.78	-172.22	-0.28	-31.097	-8.523	-6173.749
			Right	-19.79	-172.22	-0.44	-29.972	-15.405	-6570.530
L12	SA-1	DY MAX	Left	27.31	441.13	0.04	7.082	1.559	15869.247
			Right	27.49	441.13	0.08	6.722	3.755	16773.347
L12	SA-1	DY MIN	Left	-27.31	-441.13	-0.04	-7.082	-1.559	-15869.247
			Right	-27.49	-441.13	-0.08	-6.722	-3.755	-16773.347
L12	SA-8	DEAD	Left	-1.70	-8.19	0.00	-0.009	0.024	-203.907
			Right	-1.70	-0.27	0.00	-0.009	-0.042	109.199
L12	SA-8	TORX	Left	-1.45	-21.41	0.00	-0.040	-0.022	-813.478
			Right	-1.45	-21.41	0.00	-0.040	-0.012	770.621
L12	SA-8	TORY	Left	-1.77	-26.21	0.00	-0.049	-0.027	-996.076
			Right	-1.77	-26.21	0.00	-0.048	-0.015	943.853
L12	SA-8	DX MAX	Left	16.79	145.07	0.44	26.119	15.775	5531.281
			Right	16.80	145.07	0.23	26.359	7.489	5204.262
L12	SA-8	DX MIN	Left	-16.79	-145.07	-0.44	-26.119	-15.775	-5531.281
			Right	-16.80	-145.07	-0.23	-26.359	-7.489	-5204.262
L12	SA-8	DY MAX	Left	26.21	447.19	0.06	4.734	2.115	16990.787
			Right	26.02	447.19	0.04	4.864	1.241	16100.223
L12	SA-8	DY MIN	Left	-26.21	-447.19	-0.06	-4.734	-2.115	-16990.787
			Right	-26.02	-447.19	-0.04	-4.864	-1.241	-16100.223

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L12	SP-1	DEAD	Left	-1.69	-0.87	0.00	-0.008	0.043	68.391
			Right	-1.69	7.05	0.00	-0.008	-0.024	-160.113
L12	SP-1	TORX	Left	-1.60	20.92	0.00	-0.040	0.014	750.553
			Right	-1.60	20.92	0.00	-0.040	0.022	-797.347
L12	SP-1	TORY	Left	-1.95	25.62	0.00	-0.048	0.017	919.275
			Right	-1.95	25.62	0.00	-0.049	0.027	-976.486
L12	SP-1	DX MAX	Left	19.50	159.75	0.25	26.330	8.022	5713.221
			Right	19.52	159.75	0.47	25.946	16.823	6108.543
L12	SP-1	DX MIN	Left	-19.50	-159.75	-0.25	-26.330	-8.022	-5713.221
			Right	-19.52	-159.75	-0.47	-25.946	-16.823	-6108.543
L12	SP-1	DY MAX	Left	31.54	476.53	0.05	3.385	2.034	17106.231
			Right	31.74	476.53	0.07	3.203	2.734	18155.811
L12	SP-1	DY MIN	Left	-31.54	-476.53	-0.05	-3.385	-2.034	-17106.231
			Right	-31.74	-476.53	-0.07	-3.203	-2.734	-18155.811
L12	SP-8	DEAD	Left	-1.66	-7.36	0.00	0.008	-0.023	-172.258
			Right	-1.66	0.56	0.00	0.008	0.044	79.314
L12	SP-8	TORX	Left	1.47	21.70	0.00	-0.040	-0.022	824.611
			Right	1.47	21.70	0.00	-0.039	-0.012	-781.054
L12	SP-8	TORY	Left	1.80	26.57	0.00	-0.048	-0.027	1009.711
			Right	1.80	26.57	0.00	-0.048	-0.015	-956.434
L12	SP-8	DX MAX	Left	17.01	150.81	0.43	26.215	15.727	5747.935
			Right	17.03	150.81	0.24	26.472	7.639	5412.297
L12	SP-8	DX MIN	Left	-17.01	-150.81	-0.43	-26.215	-15.727	-5747.935
			Right	-17.03	-150.81	-0.24	-26.472	-7.639	-5412.297
L12	SP-8	DY MAX	Left	29.71	496.13	0.06	2.699	2.359	18851.546
			Right	29.52	496.13	0.05	2.782	1.604	17861.382
L12	SP-8	DY MIN	Left	-29.71	-496.13	-0.06	-2.699	-2.359	-18851.546
			Right	-29.52	-496.13	-0.05	-2.782	-1.604	-17861.382

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S1-1	DEAD	Left	-6.29	-1.33	0.00	0.042	-0.045	65.866
			Right	-6.29	6.38	0.00	0.042	-0.018	-120.831
L11	S1-1	TORX	Left	6.80	-13.07	0.00	-0.066	0.045	-493.477
			Right	6.80	-13.07	0.00	-0.069	0.023	473.609
L11	S1-1	TORY	Left	8.32	-15.97	0.00	-0.081	0.055	-602.962
			Right	8.32	-15.97	0.00	-0.084	0.028	578.703
L11	S1-1	DX MAX	Left	146.25	276.70	0.21	5.869	9.299	10486.065
			Right	146.32	276.70	0.16	3.656	9.815	9984.869
L11	S1-1	DX MIN	Left	-146.25	-276.70	-0.21	-5.869	-9.299	-10486.065
			Right	-146.32	-276.70	-0.16	-3.656	-9.815	-9984.869
L11	S1-1	DY MAX	Left	66.82	142.05	0.94	31.322	20.865	5316.580
			Right	66.80	142.05	0.46	14.867	39.367	5195.616
L11	S1-1	DY MIN	Left	-66.82	-142.05	-0.94	-31.322	-20.865	-5316.580
			Right	-66.80	-142.05	-0.46	-14.867	-39.367	-5195.616
L11	S1-2	DEAD	Left	-11.71	6.82	0.00	-0.002	0.000	354.483
			Right	-11.71	13.90	0.00	-0.002	0.001	-350.664
L11	S1-2	TORX	Left	18.42	-14.88	0.00	-0.165	-0.008	-569.441
			Right	18.42	-14.88	0.00	-0.166	0.055	442.352
L11	S1-2	TORY	Left	22.51	-18.18	0.00	-0.202	-0.010	-695.868
			Right	22.51	-18.18	0.00	-0.204	0.068	540.512
L11	S1-2	DX MAX	Left	510.88	385.19	0.18	11.887	6.061	14885.328
			Right	510.90	385.19	0.14	11.097	6.416	11307.573
L11	S1-2	DX MIN	Left	-510.88	-385.19	-0.18	-11.887	-6.061	-14885.328
			Right	-510.90	-385.19	-0.14	-11.097	-6.416	-11307.573
L11	S1-2	DY MAX	Left	105.24	103.13	1.76	111.136	52.752	3848.535
			Right	105.21	103.13	1.24	97.261	61.949	3166.486
L11	S1-2	DY MIN	Left	-105.24	-103.13	-1.76	-111.136	-52.752	-3848.535
			Right	-105.21	-103.13	-1.24	-97.261	-61.949	-3166.486

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S1-3	DEAD	Left	-0.58	-2.37	0.00	-0.001	0.000	1.441
			Right	-0.58	4.72	0.00	-0.002	0.001	-78.537
L11	S1-3	TORX	Left	0.49	-3.21	0.00	-0.097	-0.007	-95.240
			Right	0.49	-3.21	0.00	-0.099	0.046	123.339
L11	S1-3	TORY	Left	0.61	-3.92	0.00	-0.119	-0.008	-116.067
			Right	0.61	-3.92	0.00	-0.121	0.056	150.340
L11	S1-3	DX MAX	Left	44.41	88.22	0.09	6.310	5.729	3715.763
			Right	44.32	88.22	0.09	5.779	5.120	3281.375
L11	S1-3	DX MIN	Left	-44.41	-88.22	-0.09	-6.310	-5.729	-3715.763
			Right	-44.32	-88.22	-0.09	-5.779	-5.120	-3281.375
L11	S1-3	DY MAX	Left	18.71	18.80	1.02	96.155	73.752	510.146
			Right	18.73	18.80	1.34	104.217	46.752	776.127
L11	S1-3	DY MIN	Left	-18.71	-18.80	-1.02	-96.155	-73.752	-510.146
			Right	-18.73	-18.80	-1.34	-104.217	-46.752	-776.127
L11	S1-4	DEAD	Left	-0.05	-4.14	0.00	-0.001	0.000	-44.311
			Right	-0.05	2.94	0.00	-0.001	0.001	-3.339
L11	S1-4	TORX	Left	-2.12	0.74	0.00	-0.052	0.003	30.245
			Right	-2.12	0.74	0.00	-0.053	0.038	-20.035
L11	S1-4	TORY	Left	-2.57	0.90	0.00	-0.064	0.003	36.645
			Right	-2.57	0.90	0.00	-0.065	0.046	-24.340
L11	S1-4	DX MAX	Left	43.49	9.87	0.13	9.479	4.392	442.583
			Right	43.33	9.87	0.12	8.953	4.033	236.098
L11	S1-4	DX MIN	Left	-43.49	-9.87	-0.13	-9.479	-4.392	-442.581
			Right	-43.33	-9.87	-0.12	-8.953	-4.033	-236.098
L11	S1-4	DY MAX	Left	22.54	10.96	1.68	137.669	44.639	422.635
			Right	22.55	10.96	1.29	125.850	59.971	322.609
L11	S1-4	DY MIN	Left	-22.54	-10.96	-1.68	-137.669	-44.639	-422.635
			Right	-22.55	-10.96	-1.29	-125.850	-59.971	-322.609

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S1-5	DEAD	Left	0.12	-2.82	0.00	0.000	0.000	0.407
			Right	0.12	4.27	0.00	0.000	0.000	-48.997
L11	S1-5	TORX	Left	2.21	0.80	0.00	-0.054	-0.038	31.802
			Right	2.21	0.80	0.00	-0.052	-0.003	-32.669
L11	S1-5	TORY	Left	2.69	0.97	0.00	-0.065	-0.046	38.389
			Right	2.69	0.97	0.00	-0.063	-0.003	-39.592
L11	S1-5	DX MAX	Left	43.88	10.18	0.12	8.663	3.668	245.222
			Right	43.05	10.18	0.11	9.313	4.852	454.554
L11	S1-5	DX MIN	Left	-43.88	-10.18	-0.12	-8.663	-3.668	-245.222
			Right	-43.05	-10.18	-0.13	-9.313	-4.853	-454.554
L11	S1-5	DY MAX	Left	27.91	13.30	1.37	132.404	62.504	386.837
			Right	27.93	13.30	1.82	145.400	49.623	517.776
L11	S1-5	DY MIN	Left	-27.91	-13.30	-1.37	-132.404	-62.504	-386.837
			Right	-27.93	-13.30	-1.82	-145.400	-49.623	-517.776
L11	S1-6	DEAD	Left	-0.38	-4.88	0.00	0.000	0.000	-85.120
			Right	-0.38	3.20	0.00	0.000	0.000	6.081
L11	S1-6	TORX	Left	-0.44	-3.36	0.00	-0.089	-0.046	-129.053
			Right	-0.44	-3.36	0.00	-0.096	0.007	99.363
L11	S1-6	TORY	Left	-0.55	-4.09	0.00	-0.121	-0.056	-157.305
			Right	-0.55	-4.09	0.00	-0.118	0.008	121.087
L11	S1-6	DX MAX	Left	44.69	88.86	0.07	6.169	5.328	3310.981
			Right	44.79	88.86	0.10	6.926	3.941	2730.002
L11	S1-6	DX MIN	Left	-44.69	-88.86	-0.07	-6.169	-5.328	-3310.981
			Right	-44.79	-88.86	-0.10	-6.926	-3.941	-2730.002
L11	S1-6	DY MAX	Left	17.93	26.33	1.36	105.300	50.353	1074.992
			Right	17.94	26.33	1.04	96.690	75.498	717.487
L11	S1-6	DY MIN	Left	-17.93	-26.33	-1.36	-105.300	-50.353	-1074.992
			Right	-17.94	-26.33	-1.04	-96.690	-75.498	-717.487

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S1-7	DEAD	Left	-11.96	-14.19	0.00	0.000	0.000	-358.953
			Right	-11.96	-7.11	0.00	0.000	0.000	365.078
L11	S1-7	TORX	Left	-18.82	-15.23	0.00	-0.164	-0.054	-453.072
			Right	-18.82	-15.23	0.00	-0.161	0.006	582.901
L11	S1-7	TORY	Left	-22.99	-18.62	0.00	-0.201	-0.067	-553.573
			Right	-22.99	-18.62	0.00	-0.198	0.008	712.269
L11	S1-7	DX MAX	Left	508.78	383.84	0.12	9.148	3.686	11268.434
			Right	508.76	383.84	0.11	8.615	5.369	14832.805
L11	S1-7	DX MIN	Left	-508.78	-383.84	-0.12	-9.148	-3.686	-11268.434
			Right	-508.76	-383.84	-0.11	-8.615	-5.369	-14832.805
L11	S1-7	DY MAX	Left	144.95	136.90	1.28	96.587	62.813	4178.442
			Right	144.94	136.90	1.76	111.163	53.172	5131.133
L11	S1-7	DY MIN	Left	-144.95	-136.90	-1.28	-96.587	-62.813	-4178.442
			Right	-144.94	-136.90	-1.76	-111.163	-53.172	-5131.133
L11	S1-8	DEAD	Left	-6.37	-7.17	0.00	-0.041	-0.018	-149.999
			Right	-6.37	0.54	0.00	-0.042	-0.044	95.130
L11	S1-8	TORX	Left	-6.86	-13.50	0.00	-0.069	-0.023	-489.670
			Right	-6.86	-13.50	0.00	-0.066	-0.045	509.696
L11	S1-8	TORY	Left	-8.38	-16.50	0.00	-0.085	-0.029	-598.301
			Right	-8.38	-16.50	0.00	-0.080	-0.055	622.753
L11	S1-8	DX MAX	Left	143.58	275.36	0.16	3.815	6.511	9941.457
			Right	143.51	275.36	0.16	4.380	6.496	10430.688
L11	S1-8	DX MIN	Left	-143.58	-275.36	-0.16	-3.815	-6.511	-9941.457
			Right	-143.51	-275.36	-0.16	-4.380	-6.496	-10430.688
L11	S1-8	DY MAX	Left	82.73	172.19	0.54	17.219	44.772	6289.987
			Right	82.71	172.19	1.09	36.040	24.960	6451.364
L11	S1-8	DY MIN	Left	-82.73	-172.19	-0.54	-17.219	-44.772	-6289.987
			Right	-82.71	-172.19	-1.09	-36.040	-24.960	-6451.364

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S12-1	DEAD	Left	-6.32	-1.26	0.00	-0.049	0.047	68.561
			Right	-6.32	6.45	0.00	-0.050	0.019	-123.576
L11	S12-1	TORX	Left	-6.91	13.29	0.00	-0.062	0.045	502.030
			Right	-6.91	13.29	0.00	-0.065	0.022	-481.757
L11	S12-1	TORY	Left	-8.45	16.24	0.00	-0.076	0.056	613.379
			Right	-8.45	16.24	0.00	-0.079	0.028	-588.628
L11	S12-1	DX MAX	Left	153.66	294.07	0.12	3.447	7.179	11138.084
			Right	153.74	294.07	0.18	3.983	5.075	10617.921
L11	S12-1	DX MIN	Left	-153.66	-294.07	-0.12	-3.447	-7.179	-11138.084
			Right	-153.74	-294.07	-0.18	-3.983	-5.075	-10617.921
L11	S12-1	DY MAX	Left	66.51	139.35	0.92	30.891	20.852	5217.063
			Right	66.49	139.35	0.46	14.533	38.560	5095.708
L11	S12-1	DY MIN	Left	-66.51	-139.35	-0.92	-30.891	-20.852	-5217.063
			Right	-66.49	-139.35	-0.46	-14.533	-38.560	-5095.708
L11	S12-2	DEAD	Left	-11.79	6.89	0.00	-0.002	0.001	357.081
			Right	-11.79	13.97	0.00	-0.002	0.001	-352.011
L11	S12-2	TORX	Left	-18.82	15.17	0.00	-0.165	-0.008	580.775
			Right	-18.82	15.17	0.00	-0.166	0.055	-450.905
L11	S12-2	TORY	Left	-22.99	18.54	0.00	-0.202	-0.010	709.652
			Right	-22.99	18.54	0.00	-0.204	0.068	-550.916
L11	S12-2	DX MAX	Left	539.61	401.07	0.12	9.707	5.342	15489.427
			Right	539.64	401.07	0.12	9.162	3.325	11783.387
L11	S12-2	DX MIN	Left	-539.61	-401.07	-0.12	-9.707	-5.342	-15489.427
			Right	-539.64	-401.07	-0.12	-9.162	-3.325	-11783.387
L11	S12-2	DY MAX	Left	104.69	102.49	1.75	110.798	53.328	3825.103
			Right	104.67	102.49	1.23	96.827	61.841	3145.932
L11	S12-2	DY MIN	Left	-104.69	-102.49	-1.75	-110.798	-53.328	-3825.103
			Right	-104.67	-102.49	-1.23	-96.827	-61.841	-3145.932

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S12-3	DEAD	Left	-0.57	-2.34	0.00	-0.001	0.000	2.131
			Right	-0.57	4.74	0.00	-0.002	0.001	-79.389
L11	S12-3	TORX	Left	-0.51	3.39	0.00	-0.087	-0.007	97.728
			Right	-0.51	3.39	0.00	-0.099	0.046	-136.257
L11	S12-3	TORY	Left	-0.64	4.01	0.00	-0.119	-0.008	119.091
			Right	-0.64	4.01	0.00	-0.121	0.056	-153.890
L11	S12-3	DX MAX	Left	44.24	91.63	0.08	5.641	3.134	2814.869
			Right	44.15	91.63	0.04	4.399	4.895	3414.039
L11	S12-3	DX MIN	Left	-44.24	-91.63	-0.08	-5.641	-3.134	-2814.869
			Right	-44.15	-91.63	-0.04	-4.399	-4.895	-3414.039
L11	S12-3	DY MAX	Left	17.98	18.47	1.02	96.171	73.597	500.859
			Right	18.00	18.47	1.34	104.247	46.400	762.809
L11	S12-3	DY MIN	Left	-17.98	-18.47	-1.02	-96.171	-73.597	-500.859
			Right	-18.00	-18.47	-1.34	-104.247	-46.400	-762.809
L11	S12-4	DEAD	Left	-0.03	-4.16	0.00	-0.001	0.000	-44.718
			Right	-0.03	2.93	0.00	-0.001	0.001	-2.948
L11	S12-4	TORX	Left	2.16	-0.75	0.00	-0.052	0.003	-30.686
			Right	2.16	-0.75	0.00	-0.053	0.038	20.275
L11	S12-4	TORY	Left	2.63	-0.91	0.00	-0.064	0.003	-37.183
			Right	2.63	-0.91	0.00	-0.065	0.046	24.593
L11	S12-4	DX MAX	Left	46.27	10.78	0.11	7.753	4.303	480.249
			Right	46.09	10.78	0.11	7.544	3.090	260.493
L11	S12-4	DX MIN	Left	-46.27	-10.78	-0.11	-7.753	-4.303	-480.249
			Right	-46.09	-10.78	-0.11	-7.544	-3.090	-260.493
L11	S12-4	DY MAX	Left	21.89	10.66	1.68	137.260	44.344	411.151
			Right	21.90	10.66	1.29	125.421	59.807	313.583
L11	S12-4	DY MIN	Left	-21.89	-10.66	-1.68	-137.260	-44.344	-411.151
			Right	-21.90	-10.66	-1.29	-125.421	-59.807	-313.583

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S12-5	DEAD	Left	-0.20	-2.93	0.00	0.000	0.000	-2.649
			Right	-0.20	4.16	0.00	0.000	0.000	-44.463
L11	S12-5	TORX	Left	-2.19	-0.77	0.00	-0.054	-0.038	-20.878
			Right	-2.19	-0.77	0.00	-0.053	-0.003	31.615
L11	S12-5	TORY	Left	-2.65	-0.93	0.00	-0.065	-0.046	-25.164
			Right	-2.65	-0.93	0.00	-0.063	-0.003	38.311
L11	S12-5	DX MAX	Left	45.58	10.97	0.14	10.252	4.339	265.370
			Right	45.76	10.97	0.15	10.620	5.446	488.002
L11	S12-5	DX MIN	Left	-45.58	-10.97	-0.14	-10.252	-4.339	-265.370
			Right	-45.76	-10.97	-0.15	-10.620	-5.446	-488.002
L11	S12-5	DY MAX	Left	25.64	12.19	1.38	133.918	62.705	354.651
			Right	25.66	12.19	1.83	145.914	49.936	474.737
L11	S12-5	DY MIN	Left	-25.64	-12.19	-1.38	-133.918	-62.705	-354.651
			Right	-25.66	-12.19	-1.83	-145.914	-49.936	-474.737
L11	S12-6	DEAD	Left	-0.37	-4.43	0.00	0.000	0.000	-68.711
			Right	-0.37	2.65	0.00	0.000	0.001	-8.361
L11	S12-6	TORX	Left	0.54	3.40	0.00	-0.099	-0.046	129.991
			Right	0.54	3.40	0.00	-0.096	0.007	-100.941
L11	S12-6	TORY	Left	0.67	4.14	0.00	-0.121	-0.056	158.447
			Right	0.67	4.14	0.00	-0.118	0.008	-123.010
L11	S12-6	DX MAX	Left	44.86	92.65	0.06	4.267	6.096	3453.969
			Right	44.96	92.65	0.09	5.425	5.038	2844.550
L11	S12-6	DX MIN	Left	-44.86	-92.65	-0.06	-4.267	-6.096	-3453.969
			Right	-44.96	-92.65	-0.09	-5.425	-5.038	-2844.550
L11	S12-6	DY MAX	Left	16.68	24.21	1.36	105.288	50.701	987.056
			Right	16.69	24.21	1.04	98.669	75.675	662.071
L11	S12-6	DY MIN	Left	-16.68	-24.21	-1.36	-105.288	-50.701	-987.056
			Right	-16.69	-24.21	-1.04	-98.669	-75.675	-662.071

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	S12-7	DEAD	Left	-10.38	-13.01	0.00	0.000	0.001	-324.842
			Right	-10.38	-5.93	0.00	0.000	0.001	319.197
L11	S12-7	TORX	Left	18.93	15.20	0.00	-0.164	-0.034	451.315
			Right	18.93	15.20	0.00	-0.161	0.008	-583.194
L11	S12-7	TORY	Left	23.13	18.57	0.00	-0.201	-0.067	551.674
			Right	23.13	18.57	0.00	-0.198	0.008	-711.404
L11	S12-7	DX MAX	Left	527.44	398.75	0.17	11.568	5.523	11710.467
			Right	527.41	398.75	0.19	12.180	6.582	15404.304
L11	S12-7	DX MIN	Left	-527.44	-398.75	-0.17	-11.568	-5.523	-11710.467
			Right	-527.41	-398.75	-0.19	-12.180	-6.582	-15404.304
L11	S12-7	DY MAX	Left	133.94	125.52	1.29	96.892	62.881	3833.137
			Right	133.93	125.52	1.77	111.357	53.561	4702.539
L11	S12-7	DY MIN	Left	-133.94	-125.52	-1.29	-96.892	-62.881	-3833.137
			Right	-133.93	-125.52	-1.77	-111.357	-53.561	-4702.539
L11	S12-8	DEAD	Left	-6.02	-5.99	0.00	0.045	0.018	-107.248
			Right	-6.02	1.72	0.00	0.044	0.046	50.746
L11	S12-8	TORX	Left	6.80	13.16	0.00	-0.068	-0.024	476.896
			Right	6.80	13.16	0.00	-0.065	-0.046	-496.920
L11	S12-8	TORY	Left	8.32	16.08	0.00	-0.083	-0.030	582.754
			Right	8.32	16.08	0.00	-0.079	-0.057	-607.203
L11	S12-8	DX MAX	Left	149.52	288.58	0.16	3.638	9.365	10418.658
			Right	149.44	288.58	0.21	5.897	7.196	10931.002
L11	S12-8	DX MIN	Left	-149.52	-288.58	-0.16	-3.638	-9.365	-10418.658
			Right	-149.44	-288.58	-0.21	-5.897	-7.196	-10931.002
L11	S12-8	DY MAX	Left	77.78	156.55	0.56	17.645	45.641	5719.053
			Right	77.78	156.55	1.11	36.548	25.124	5865.263
L11	S12-8	DY MIN	Left	-77.78	-156.55	-0.56	-17.645	-45.641	-5719.053
			Right	-77.78	-156.55	-1.11	-36.548	-25.124	-5865.263

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SA-1	DEAD	Left	-6.72	-0.85	0.00	0.046	-0.045	84.110
			Right	-6.72	6.86	0.00	0.045	-0.019	-138.129
L11	SA-1	TORX	Left	7.27	-14.17	0.00	-0.060	0.036	-536.007
			Right	7.27	-14.17	0.00	-0.063	0.015	513.882
L11	SA-1	TORY	Left	8.89	-17.33	0.00	-0.073	0.044	-655.248
			Right	8.89	-17.33	0.00	-0.076	0.019	626.993
L11	SA-1	DX MAX	Left	79.40	165.05	0.76	25.761	36.173	6184.190
			Right	79.41	165.05	0.75	20.426	32.789	6028.618
L11	SA-1	DX MIN	Left	-79.40	-165.05	-0.76	-25.761	-36.173	-6184.190
			Right	-79.41	-165.05	-0.75	-20.426	-32.789	-6028.618
L11	SA-1	DY MAX	Left	137.52	268.33	0.13	3.156	15.400	10172.358
			Right	137.58	268.33	0.32	7.702	5.191	9680.022
L11	SA-1	DY MIN	Left	-137.52	-268.33	-0.13	-3.156	-15.400	-10172.358
			Right	-137.58	-268.33	-0.32	-7.702	-5.191	-9680.022
L11	SA-2	DEAD	Left	-14.30	7.64	0.00	0.000	0.000	390.846
			Right	-14.30	14.73	0.00	-0.001	0.000	-369.811
L11	SA-2	TORX	Left	20.54	-16.62	0.00	-0.122	0.005	-635.509
			Right	20.54	-16.62	0.00	-0.124	0.050	494.421
L11	SA-2	TORY	Left	25.11	-20.32	0.00	-0.149	0.006	-777.009
			Right	25.11	-20.32	0.00	-0.151	0.061	604.445
L11	SA-2	DX MAX	Left	134.95	125.75	1.18	84.746	51.074	4707.794
			Right	134.97	125.75	0.89	78.795	47.418	3843.318
L11	SA-2	DX MIN	Left	-134.95	-125.75	-1.18	-84.746	-51.074	-4707.794
			Right	-134.97	-125.75	-0.89	-78.795	-47.418	-3843.318
L11	SA-2	DY MAX	Left	468.65	366.41	0.21	10.202	5.148	14088.416
			Right	468.67	366.41	0.06	6.892	11.656	10837.108
L11	SA-2	DY MIN	Left	-468.65	-366.41	-0.21	-10.202	-5.148	-14088.416
			Right	-468.67	-366.41	-0.06	-6.892	-11.656	-10837.108

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SA-3	DEAD	Left	-2.23	-2.24	0.00	0.000	0.000	14.254
			Right	-2.23	4.82	0.00	-0.001	0.000	-72.652
L11	SA-3	TORX	Left	1.71	-2.44	0.00	-0.057	0.004	-73.487
			Right	1.71	-2.44	0.00	-0.059	0.040	92.597
L11	SA-3	TORY	Left	2.10	-2.98	0.00	-0.070	0.005	-89.757
			Right	2.10	-2.98	0.00	-0.072	0.049	113.153
L11	SA-3	DX MAX	Left	4.48	11.71	1.41	107.970	46.040	322.917
			Right	4.50	11.71	1.22	100.283	45.353	479.353
L11	SA-3	DX MIN	Left	-4.48	-11.71	-1.41	-107.970	-46.040	-322.917
			Right	-4.50	-11.71	-1.22	-100.283	-45.353	-479.353
L11	SA-3	DY MAX	Left	46.87	60.49	0.25	16.768	10.473	1867.322
			Right	46.88	60.49	0.26	16.884	6.658	2245.733
L11	SA-3	DY MIN	Left	-46.87	-60.49	-0.25	-16.768	-10.473	-1867.322
			Right	-46.88	-60.49	-0.26	-16.884	-6.658	-2245.733
L11	SA-5	DEAD	Left	0.00	-2.87	0.00	0.000	0.000	-1.312
			Right	0.00	4.21	0.00	0.000	0.000	-46.818
L11	SA-5	TORX	Left	2.28	0.75	0.00	-0.049	-0.035	19.820
			Right	2.28	0.75	0.00	-0.048	-0.001	-31.060
L11	SA-5	TORY	Left	2.77	0.98	0.00	-0.059	-0.043	23.938
			Right	2.77	0.98	0.00	-0.058	-0.001	-37.590
L11	SA-5	DX MAX	Left	23.00	11.57	1.11	123.133	60.704	339.810
			Right	22.99	11.57	1.61	136.779	32.905	446.461
L11	SA-5	DX MIN	Left	-23.00	-11.57	-1.11	-123.133	-60.704	-339.810
			Right	-22.99	-11.57	-1.61	-136.779	-32.905	-446.461
L11	SA-5	DY MAX	Left	45.71	10.95	0.06	2.717	1.572	266.602
			Right	45.85	10.95	0.05	3.672	2.382	484.592
L11	SA-5	DY MIN	Left	-45.71	-10.95	-0.06	-2.717	-1.572	-266.602
			Right	-45.85	-10.95	-0.05	-3.672	-2.382	-484.592

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SA-6	DEAD	Left	-0.55	-4.85	0.00	-0.001	0.000	-83.502
			Right	-0.55	2.23	0.00	-0.001	0.000	5.673
L11	SA-6	TORX	Left	-0.90	-3.79	0.00	-0.088	-0.040	-144.164
			Right	-0.90	-3.79	0.00	-0.087	0.009	113.315
L11	SA-6	TORY	Left	-1.13	-4.62	0.00	-0.108	-0.049	-175.736
			Right	-1.13	-4.62	0.00	-0.106	0.011	139.097
L11	SA-6	DX MAX	Left	18.46	19.83	1.44	107.361	30.381	819.337
			Right	18.44	19.83	0.86	95.228	77.867	535.736
L11	SA-6	DX MIN	Left	-18.46	-19.83	-1.44	-107.361	-30.381	-819.337
			Right	-18.44	-19.83	-0.86	-95.228	-77.867	-535.736
L11	SA-6	DY MAX	Left	41.55	90.04	0.09	8.187	4.214	3349.770
			Right	41.65	90.04	0.12	9.347	3.283	3772.021
L11	SA-6	DY MIN	Left	-41.55	-90.04	-0.09	-8.187	-4.214	-3349.770
			Right	-41.65	-90.04	-0.12	-9.347	-3.283	-3772.021
L11	SA-7	DEAD	Left	-11.89	-13.98	0.00	-0.001	-0.001	-352.039
			Right	-11.89	-6.90	0.00	-0.002	0.000	357.802
L11	SA-7	TORX	Left	-21.35	-16.91	0.00	-0.142	-0.047	-500.987
			Right	-21.35	-16.91	0.00	-0.140	0.005	649.148
L11	SA-7	TORY	Left	-26.10	-20.67	0.00	-0.174	-0.058	-612.292
			Right	-26.10	-20.67	0.00	-0.172	0.006	793.443
L11	SA-7	DX MAX	Left	108.67	106.48	1.05	96.005	67.454	3270.276
			Right	108.69	106.48	1.85	115.310	42.093	3971.980
L11	SA-7	DX MIN	Left	-108.67	-106.48	-1.05	-96.005	-67.454	-3270.276
			Right	-108.68	-106.48	-1.85	-115.310	-42.093	-3971.980
L11	SA-7	DY MAX	Left	501.58	377.66	0.10	8.534	4.134	11085.785
			Right	501.56	377.66	0.11	9.147	5.904	14594.713
L11	SA-7	DY MIN	Left	-501.58	-377.66	-0.10	-8.534	-4.134	-11085.785
			Right	-501.56	-377.66	-0.11	-9.147	-5.904	-14594.713

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SA-8	DEAD	Left	-6.29	-6.57	0.00	-0.047	-0.019	-126.971
			Right	-6.29	1.14	0.00	-0.048	-0.045	74.021
L11	SA-8	TORX	Left	-7.27	-14.20	0.00	-0.063	-0.015	-512.343
			Right	-7.27	-14.20	0.00	-0.061	-0.035	538.823
L11	SA-8	TORY	Left	-8.89	-17.36	0.00	-0.077	-0.018	-626.289
			Right	-8.89	-17.36	0.00	-0.075	-0.043	658.647
L11	SA-8	DX MAX	Left	69.74	143.12	0.61	15.635	31.189	5211.509
			Right	69.76	143.12	0.71	24.932	29.912	5379.853
L11	SA-8	DX MIN	Left	-69.74	-143.12	-0.61	-15.635	-31.189	-5211.509
			Right	-69.76	-143.12	-0.71	-24.932	-29.912	-5379.853
L11	SA-8	DY MAX	Left	140.52	274.49	0.22	4.996	5.448	9876.582
			Right	140.46	274.49	0.17	4.012	10.107	10432.053
L11	SA-8	DY MIN	Left	-140.52	-274.49	-0.22	-4.996	-5.448	-9876.582
			Right	-140.46	-274.49	-0.17	-4.012	-10.107	-10432.053
L11	SP-1	DEAD	Left	-5.79	-2.36	0.00	-0.046	0.046	26.413
			Right	-5.79	5.35	0.00	-0.047	0.018	-83.984
L11	SP-1	TORX	Left	-7.64	12.77	0.00	-0.061	0.036	484.435
			Right	-7.64	12.77	0.00	-0.064	0.015	-460.323
L11	SP-1	TORY	Left	-9.34	15.62	0.00	-0.075	0.044	592.635
			Right	-9.34	15.62	0.00	-0.078	0.018	-563.190
L11	SP-1	DX MAX	Left	78.89	146.49	0.72	25.279	31.953	5496.285
			Right	78.90	146.49	0.67	16.142	32.056	5343.329
L11	SP-1	DX MIN	Left	-78.89	-146.49	-0.72	-25.279	-31.953	-5496.285
			Right	-78.90	-146.49	-0.67	-16.142	-32.056	-5343.329
L11	SP-1	DY MAX	Left	160.39	266.95	0.11	3.242	11.518	10155.803
			Right	160.46	266.95	0.25	5.031	5.278	9593.764
L11	SP-1	DY MIN	Left	-160.39	-266.95	-0.11	-3.242	-11.518	-10155.803
			Right	-160.46	-266.95	-0.25	-5.031	-5.278	-9593.764

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SP-2	DEAD	Left	-13.39	2.97	0.00	0.000	0.001	223.730
			Right	-13.39	9.95	0.00	-0.001	0.001	-212.099
L11	SP-2	TORX	Left	-28.91	15.79	0.00	-0.137	-0.002	630.810
			Right	-28.91	15.79	0.00	-0.138	0.047	-442.611
L11	SP-2	TORY	Left	-35.26	19.30	0.00	-0.167	-0.002	770.919
			Right	-35.26	19.30	0.00	-0.169	0.058	-541.219
L11	SP-2	DX MAX	Left	189.74	112.08	1.93	118.935	46.147	4386.735
			Right	189.75	112.08	1.15	100.061	69.301	3236.284
L11	SP-2	DX MIN	Left	-189.74	-112.08	-1.93	-118.935	-46.147	-4386.735
			Right	-189.75	-112.08	-1.15	-100.061	-69.301	-3236.284
L11	SP-2	DY MAX	Left	697.99	379.73	0.17	12.048	4.676	15201.881
			Right	698.05	379.73	0.13	10.846	6.245	10623.458
L11	SP-2	DY MIN	Left	-697.99	-379.73	-0.17	-12.048	-4.676	-15201.881
			Right	-698.05	-379.73	-0.13	-10.846	-6.245	-10623.458
L11	SP-3	DEAD	Left	-4.64	-0.36	0.00	0.000	0.000	78.181
			Right	-4.64	6.73	0.00	-0.001	0.000	-138.371
L11	SP-3	TORX	Left	-3.55	8.79	0.00	-0.085	-0.009	289.893
			Right	-3.55	8.79	0.00	-0.086	0.037	-387.865
L11	SP-3	TORY	Left	-4.34	10.69	0.00	-0.104	-0.011	352.342
			Right	-4.35	10.69	0.00	-0.105	0.046	-374.324
L11	SP-3	DX MAX	Left	9.83	65.10	0.88	96.441	80.170	2107.316
			Right	9.85	65.10	1.44	108.345	33.489	2320.309
L11	SP-3	DX MIN	Left	-9.83	-65.10	-0.88	-96.441	-80.170	-2107.316
			Right	-9.85	-65.10	-1.44	-108.345	-33.489	-2320.309
L11	SP-3	DY MAX	Left	99.92	206.31	0.06	5.795	5.710	6846.940
			Right	99.95	206.31	0.08	5.798	4.080	7179.771
L11	SP-3	DY MIN	Left	-99.92	-206.31	-0.06	-5.795	-5.710	-6846.940
			Right	-99.95	-206.31	-0.08	-5.798	-4.080	-7179.771

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SP-4	DEAD	Left	0.44	-3.35	0.00	0.000	0.000	-11.051
			Right	0.44	3.73	0.00	-0.001	0.001	-23.887
L11	SP-4	TORX	Left	5.25	-1.71	0.00	-0.047	-0.001	-64.675
			Right	5.25	-1.71	0.00	-0.048	0.036	51.311
L11	SP-4	TORY	Left	6.38	-2.06	0.00	-0.057	-0.002	-78.291
			Right	6.38	-2.06	0.00	-0.059	0.044	62.097
L11	SP-4	DX MAX	Left	50.45	20.00	1.67	140.031	35.418	749.815
			Right	50.43	20.00	1.18	126.192	62.511	610.740
L11	SP-4	DX MIN	Left	-50.45	-20.00	-1.67	-140.031	-35.418	-749.815
			Right	-50.43	-20.00	-1.18	-126.192	-62.511	-610.740
L11	SP-4	DY MAX	Left	116.11	33.35	0.14	10.407	3.981	1276.247
			Right	115.93	33.35	0.11	9.679	4.412	998.825
L11	SP-4	DY MIN	Left	-116.11	-33.35	-0.14	-10.407	-3.981	-1276.247
			Right	-115.93	-33.35	-0.11	-9.679	-4.412	-998.825
L11	SP-5	DEAD	Left	-0.23	-2.97	0.00	0.000	0.000	-3.970
			Right	-0.23	4.12	0.00	0.000	0.000	-43.091
L11	SP-5	TORX	Left	-2.37	-0.82	0.00	-0.048	-0.035	-21.813
			Right	-2.37	-0.82	0.00	-0.048	-0.001	33.645
L11	SP-5	TORY	Left	-2.88	-0.99	0.00	-0.059	-0.043	-26.362
			Right	-2.88	-0.99	0.00	-0.058	-0.001	40.734
L11	SP-5	DX MAX	Left	23.06	11.23	1.10	122.539	60.449	328.510
			Right	23.06	11.23	1.61	136.180	32.803	434.846
L11	SP-5	DX MIN	Left	-23.06	-11.23	-1.10	-122.539	-60.449	-328.510
			Right	-23.06	-11.23	-1.61	-136.180	-32.803	-434.846
L11	SP-5	DY MAX	Left	50.79	12.97	0.15	13.320	5.708	321.749
			Right	50.96	12.97	0.16	12.711	4.989	567.363
L11	SP-5	DY MIN	Left	-50.79	-12.97	-0.15	-13.320	-5.708	-321.749
			Right	-50.96	-12.97	-0.16	-12.711	-4.989	-567.363

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SP-6	DEAD	Left	-0.61	-4.58	0.00	-0.001	0.000	-73.151
			Right	-0.61	2.51	0.00	-0.001	0.000	-2.840
L11	SP-6	TORX	Left	0.86	3.90	0.00	-0.088	-0.040	148.509
			Right	0.86	3.90	0.00	-0.087	0.009	-116.793
L11	SP-6	TORY	Left	1.07	4.76	0.00	-0.108	-0.049	181.035
			Right	1.07	4.76	0.00	-0.106	0.011	-142.339
L11	SP-6	DX MAX	Left	17.33	20.91	1.43	107.350	30.145	856.267
			Right	17.31	20.91	0.86	95.213	77.575	571.662
L11	SP-6	DX MIN	Left	-17.33	-20.91	-1.43	-107.350	-30.145	-856.267
			Right	-17.31	-20.91	-0.86	-95.213	-77.575	-571.662
L11	SP-6	DY MAX	Left	43.36	98.25	0.11	5.173	6.195	3665.175
			Right	43.49	98.25	0.07	5.640	8.187	3014.440
L11	SP-6	DY MIN	Left	-43.36	-98.25	-0.11	-5.173	-6.195	-3665.175
			Right	-43.49	-98.25	-0.07	-5.640	-8.187	-3014.440
L11	SP-7	DEAD	Left	-10.79	-13.12	0.00	-0.001	0.000	-336.643
			Right	-10.79	-8.04	0.00	-0.001	0.001	324.638
L11	SP-7	TORX	Left	21.75	17.23	0.00	-0.143	-0.047	510.495
			Right	21.75	17.23	0.00	-0.140	0.005	-661.308
L11	SP-7	TORY	Left	26.59	21.06	0.00	-0.174	-0.058	623.917
			Right	26.59	21.06	0.00	-0.172	0.006	-808.311
L11	SP-7	DX MAX	Left	115.44	111.07	1.04	95.628	67.197	3401.698
			Right	115.44	111.07	1.84	114.903	41.884	4152.746
L11	SP-7	DX MIN	Left	-115.44	-111.07	-1.04	-95.628	-67.197	-3401.698
			Right	-115.44	-111.07	-1.84	-114.903	-41.884	-4152.746
L11	SP-7	DY MAX	Left	548.97	416.13	0.22	16.923	9.590	12230.619
			Right	548.96	416.13	0.27	18.143	7.266	16066.335
L11	SP-7	DY MIN	Left	-548.97	-416.13	-0.22	-16.923	-9.590	-12230.619
			Right	-548.96	-416.13	-0.27	-18.143	-7.266	-16066.335

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L11	SP-8	DEAD	Left	-5.99	-5.49	0.00	0.047	0.030	-87.638
			Right	-5.99	3.22	0.00	0.047	0.046	33.321
L11	SP-8	TORX	Left	7.39	14.38	0.00	-0.063	-0.015	519.656
			Right	7.39	14.38	0.00	-0.061	-0.035	-545.569
L11	SP-8	TORY	Left	9.04	17.58	0.00	-0.077	-0.018	634.106
			Right	9.04	17.58	0.00	-0.074	-0.043	-666.995
L11	SP-8	DX MAX	Left	70.90	147.21	0.62	15.827	30.813	5360.663
			Right	70.91	147.21	0.70	24.840	30.142	5533.213
L11	SP-8	DX MIN	Left	-70.90	-147.21	-0.62	-15.827	-30.813	-5360.663
			Right	-70.91	-147.21	-0.70	-24.840	-30.142	-5533.213
L11	SP-8	DY MAX	Left	157.45	304.92	0.30	6.017	9.533	10972.784
			Right	157.38	304.92	0.18	5.354	14.729	11586.178
L11	SP-8	DY MIN	Left	-157.45	-304.92	-0.30	-6.017	-9.533	-10972.784
			Right	-157.38	-304.92	-0.18	-5.354	-14.729	-11586.178
L10	S1-1	DEAD	Left	-4.09	-1.35	0.00	0.045	-0.102	74.100
			Right	-4.09	9.83	0.00	0.044	0.041	-239.574
L10	S1-1	TORX	Left	0.66	-9.52	0.00	-0.067	0.000	-355.747
			Right	0.66	-9.52	0.00	-0.070	0.034	348.682
L10	S1-1	TORY	Left	0.81	-11.47	0.00	-0.081	0.001	-428.460
			Right	0.81	-11.47	0.00	-0.086	0.041	420.021
L10	S1-1	DX MAX	Left	3.02	193.27	0.06	3.271	2.307	7206.003
			Right	2.33	192.27	0.08	2.111	2.945	7007.391
L10	S1-1	DX MIN	Left	-3.02	-192.27	-0.06	-3.271	-2.307	-7206.003
			Right	-2.33	-192.27	-0.08	-2.111	-2.945	-7007.391
L10	S1-1	DY MAX	Left	19.53	206.11	0.42	19.312	10.030	7589.828
			Right	19.51	206.11	0.48	14.184	15.819	7664.803
L10	S1-1	DY MIN	Left	-19.53	-206.11	-0.42	-19.312	-10.030	-7589.828
			Right	-19.51	-206.11	-0.48	-14.184	-15.819	-7664.803

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S1-2	DEAD	Left	-1.07	11.56	0.00	-0.002	0.001	534.652
			Right	-1.07	21.83	0.00	-0.002	0.001	-600.535
L10	S1-2	TORX	Left	-1.53	-23.36	0.00	-0.089	0.005	-834.762
			Right	-1.53	-23.36	0.00	-0.092	0.022	753.795
L10	S1-2	TORY	Left	-1.86	-28.43	0.00	-0.108	0.006	-1015.908
			Right	-1.86	-28.43	0.00	-0.112	0.027	917.332
L10	S1-2	DX MAX	Left	42.30	541.18	0.07	3.121	1.835	19465.575
			Right	42.06	541.19	0.05	3.896	1.538	17331.828
L10	S1-2	DX MIN	Left	-42.30	-541.18	-0.07	-3.121	-1.835	-19465.575
			Right	-42.06	-541.18	-0.05	-3.896	-1.538	-17331.828
L10	S1-2	DY MAX	Left	10.74	207.63	0.45	24.602	15.707	7332.635
			Right	10.77	207.63	0.47	23.915	18.868	6787.174
L10	S1-2	DY MIN	Left	-10.74	-207.63	-0.45	-24.602	-15.707	-7332.635
			Right	-10.77	-207.63	-0.47	-23.915	-18.868	-6787.174
L10	S1-3	DEAD	Left	-2.08	6.04	0.00	-0.001	0.001	323.227
			Right	-2.08	16.31	0.00	-0.001	0.001	-437.635
L10	S1-3	TORX	Left	1.24	-16.98	0.00	-0.080	-0.008	-566.343
			Right	1.24	-16.98	0.00	-0.083	0.022	588.439
L10	S1-3	TORY	Left	1.50	-20.66	0.00	-0.098	-0.010	-689.026
			Right	1.51	-20.66	0.00	-0.101	0.027	715.847
L10	S1-3	DX MAX	Left	24.82	425.89	0.05	2.317	1.479	14307.156
			Right	24.95	425.89	0.06	1.203	2.055	14649.901
L10	S1-3	DX MIN	Left	-24.82	-425.89	-0.05	-2.317	-1.479	-14307.156
			Right	-24.95	-425.89	-0.06	-1.203	-2.055	-14649.901
L10	S1-3	DY MAX	Left	13.19	128.11	0.49	25.774	19.727	4208.648
			Right	13.16	128.11	0.43	28.783	16.962	4503.956
L10	S1-3	DY MIN	Left	-13.19	-128.11	-0.49	-25.774	-19.727	-4208.648
			Right	-13.16	-128.11	-0.43	-28.783	-16.962	-4503.956

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S1-4	DEAD							
			Left	-1.63	2.69	0.00	-0.001	0.001	208.596
			Right	-1.63	12.96	0.00	-0.001	0.001	-323.641
L10	S1-4	TORX							
			Left	1.16	-8.42	0.00	-0.068	-0.011	-269.085
			Right	1.16	-8.42	0.00	-0.070	0.025	303.226
L10	S1-4	TORY							
			Left	1.41	-10.24	0.00	-0.083	-0.013	-327.411
			Right	1.41	-10.24	0.00	-0.086	0.031	368.984
L10	S1-4	DX MAX							
			Left	28.63	228.38	0.05	2.856	1.958	7350.294
			Right	28.75	228.38	0.06	2.275	2.224	8176.804
L10	S1-4	DX MIN							
			Left	-28.63	-228.38	-0.05	-2.856	-1.958	-7350.294
			Right	-28.75	-228.38	-0.06	-2.275	-2.224	-8176.804
L10	S1-4	DY MAX							
			Left	9.37	60.36	0.57	33.057	16.553	1910.855
			Right	9.34	60.36	0.45	37.378	21.030	2194.716
L10	S1-4	DY MIN							
			Left	-9.37	-60.36	-0.57	-33.057	-16.553	-1910.855
			Right	-9.34	-60.36	-0.45	-37.378	-21.030	-2194.716
L10	S1-5	DEAD							
			Left	-1.66	-13.10	0.00	0.000	0.000	-328.991
			Right	-1.66	-2.83	0.00	-0.001	0.001	212.878
L10	S1-5	TORX							
			Left	-1.17	-8.63	0.00	-0.071	-0.026	-310.600
			Right	-1.17	-8.63	0.00	-0.068	0.010	276.192
L10	S1-5	TORY							
			Left	-1.42	-10.50	0.00	-0.086	-0.032	-377.989
			Right	-1.42	-10.50	0.00	-0.082	0.012	336.093
L10	S1-5	DX MAX							
			Left	27.70	225.51	0.03	2.837	2.035	8064.089
			Right	27.58	225.51	0.06	1.949	1.895	7267.851
L10	S1-5	DX MIN							
			Left	-27.70	-225.51	-0.03	-2.837	-2.035	-8064.088
			Right	-27.58	-225.51	-0.06	-1.949	-1.895	-7267.851
L10	S1-5	DY MAX							
			Left	11.61	75.41	0.48	40.236	22.872	2739.888
			Right	11.57	75.41	0.65	34.192	17.339	2387.479
L10	S1-5	DY MIN							
			Left	-11.61	-75.41	-0.48	-40.236	-22.872	-2739.888
			Right	-11.57	-75.41	-0.65	-34.192	-17.339	-2387.479

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S1-6	DEAD							
			Left	-3.24	-17.13	0.00	0.000	0.001	-467.910
			Right	-3.24	-6.86	0.00	-0.001	0.001	347.948
L10	S1-6	TORX							
			Left	-1.39	-17.61	0.00	-0.083	-0.033	-611.682
			Right	-1.39	-17.61	0.00	-0.079	0.008	585.634
L10	S1-6	TORY							
			Left	-1.69	-21.42	0.00	-0.101	-0.028	-744.175
			Right	-1.69	-21.42	0.00	-0.097	0.009	712.545
L10	S1-6	DX MAX							
			Left	27.21	423.87	0.05	1.496	2.006	14612.111
			Right	27.08	423.87	0.04	2.167	1.460	14208.202
L10	S1-6	DX MIN							
			Left	-27.21	-423.87	-0.05	-1.496	-2.006	-14612.111
			Right	-27.08	-423.87	-0.04	-2.167	-1.460	-14208.202
L10	S1-6	DY MAX							
			Left	17.34	166.89	0.51	39.000	18.032	5869.884
			Right	17.31	166.89	0.54	36.982	20.251	5478.152
L10	S1-6	DY MIN							
			Left	-17.34	-166.89	-0.51	-39.000	-18.032	-5869.884
			Right	-17.31	-166.89	-0.54	-26.962	-20.251	-5478.152
L10	S1-7	DEAD							
			Left	-0.95	-22.82	0.00	0.000	0.001	-431.886
			Right	-0.95	-12.54	0.00	0.000	0.001	570.310
L10	S1-7	TORX							
			Left	1.65	-24.09	0.00	-0.092	-0.023	-776.474
			Right	1.65	-24.09	0.00	-0.088	-0.005	861.509
L10	S1-7	TORY							
			Left	2.00	-29.32	0.00	-0.112	-0.028	-944.966
			Right	2.00	-29.32	0.00	-0.107	-0.006	1048.497
L10	S1-7	DX MAX							
			Left	42.84	534.61	0.06	1.624	1.511	17100.243
			Right	43.07	534.61	0.03	2.834	1.141	19250.445
L10	S1-7	DX MIN							
			Left	-42.84	-534.61	-0.06	-1.624	-1.511	-17100.243
			Right	-43.07	-534.61	-0.03	-2.834	-1.141	-19250.445
L10	S1-7	DY MAX							
			Left	14.27	259.87	0.57	33.346	19.568	8465.774
			Right	14.32	259.87	0.48	26.831	16.285	9204.781
L10	S1-7	DY MIN							
			Left	-14.27	-259.87	-0.57	-33.346	-19.568	-8465.774
			Right	-14.32	-259.87	-0.48	-26.831	-16.285	-9204.781

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S1-8	DEAD							
			Left	-4.09	-11.69	0.00	-0.042	0.040	-308.060
			Right	-4.09	-0.51	0.00	-0.043	-0.101	143.595
L10	S1-8	TORX							
			Left	-0.64	-10.30	0.00	-0.069	-0.035	-376.991
			Right	-0.64	-10.30	0.00	-0.064	0.001	385.080
L10	S1-8	TORY							
			Left	-0.79	-12.41	0.00	-0.084	-0.043	-454.518
			Right	-0.78	-12.41	0.00	-0.078	0.001	464.176
L10	S1-8	DX MAX							
			Left	2.56	191.80	0.05	2.464	1.421	7000.291
			Right	3.14	191.80	0.06	1.963	1.808	7178.656
L10	S1-8	DX MIN							
			Left	-2.56	-191.80	-0.05	-2.464	-1.421	-7000.291
			Right	-3.14	-191.80	-0.06	-1.963	-1.808	-7178.656
L10	S1-8	DY MAX							
			Left	20.92	232.43	0.56	19.051	16.763	8622.099
			Right	20.93	232.43	0.55	20.048	11.549	8577.987
L10	S1-8	DY MIN							
			Left	-20.92	-232.43	-0.56	-19.051	-16.763	-8622.099
			Right	-20.93	-232.43	-0.55	-20.048	-11.549	-8577.987
L10	S12-1	DEAD							
			Left	-4.06	-1.31	0.00	-0.047	0.104	79.559
			Right	-4.06	9.96	0.00	-0.048	-0.039	-244.258
L10	S12-1	TORX							
			Left	-0.65	9.74	0.00	-0.066	-0.001	364.324
			Right	-0.65	9.74	0.00	-0.070	0.035	-356.768
L10	S12-1	TORY							
			Left	-0.80	11.74	0.00	-0.080	-0.001	438.916
			Right	-0.80	11.74	0.00	-0.085	0.042	-429.881
L10	S12-1	DX MAX							
			Left	3.95	212.40	0.08	1.872	2.092	7967.338
			Right	3.30	212.40	0.06	2.462	1.418	7733.994
L10	S12-1	DX MIN							
			Left	-3.95	-212.40	-0.08	-1.872	-2.092	-7967.338
			Right	-3.30	-212.40	-0.06	-2.462	-1.418	-7733.994
L10	S12-1	DY MAX							
			Left	19.37	197.48	0.42	19.231	10.046	7271.586
			Right	19.36	197.48	0.48	14.022	15.786	7344.439
L10	S12-1	DY MIN							
			Left	-19.37	-197.48	-0.42	-19.231	-10.046	-7271.586
			Right	-19.36	-197.48	-0.48	-14.022	-15.786	-7344.439

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S12-2	DEAD							
			Left	-1.06	11.70	0.00	0.000	0.001	539.740
			Right	-1.06	21.97	0.00	-0.001	0.001	-605.126
L10	S12-2	TORX							
			Left	1.58	23.89	0.00	-0.089	0.005	853.881
			Right	1.58	23.89	0.00	-0.092	0.022	-770.813
L10	S12-2	TORY							
			Left	1.92	29.08	0.00	-0.108	0.006	1039.165
			Right	1.92	29.08	0.00	-0.112	0.027	-938.033
L10	S12-2	DX MAX							
			Left	44.19	570.44	0.05	3.138	1.175	20506.619
			Right	43.93	570.44	0.07	1.897	1.781	18279.668
L10	S12-2	DX MIN							
			Left	-44.19	-570.44	-0.05	-3.138	-1.175	-20506.619
			Right	-43.93	-570.44	-0.07	-1.897	-1.781	-18279.668
L10	S12-2	DY MAX							
			Left	10.35	202.43	0.44	24.424	15.672	7148.190
			Right	10.35	202.43	0.47	23.779	18.849	6817.762
L10	S12-2	DY MIN							
			Left	-10.35	-202.43	-0.44	-24.424	-15.672	-7148.190
			Right	-10.35	-202.43	-0.47	-23.779	-18.849	-6817.762
L10	S12-3	DEAD							
			Left	-2.09	6.13	0.00	-0.001	0.001	325.275
			Right	-2.09	16.40	0.00	-0.001	0.001	-460.945
L10	S12-3	TORX							
			Left	-1.26	17.41	0.00	-0.080	-0.008	580.559
			Right	-1.26	17.41	0.00	-0.083	0.022	-603.026
L10	S12-3	TORY							
			Left	-1.53	21.18	0.00	-0.098	-0.010	706.314
			Right	-1.53	21.18	0.00	-0.101	0.027	-733.587
L10	S12-3	DX MAX							
			Left	26.32	446.28	0.05	1.980	1.491	14985.355
			Right	26.47	446.28	0.06	1.349	3.173	15358.318
L10	S12-3	DX MIN							
			Left	-26.32	-446.28	-0.05	-1.980	-1.491	-14985.355
			Right	-26.47	-446.28	-0.06	-1.349	-3.173	-15358.318
L10	S12-3	DY MAX							
			Left	13.91	124.68	0.49	25.779	19.706	4096.059
			Right	12.89	124.68	0.43	28.790	16.928	4383.086
L10	S12-3	DY MIN							
			Left	-12.91	-124.68	-0.49	-25.779	-19.706	-4096.059
			Right	-12.89	-124.68	-0.43	-28.790	-16.928	-4383.086

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S12-4	DEAD	Left	-1.64	2.69	0.00	-0.001	0.001	208.471
			Right	-1.64	12.96	0.00	-0.001	0.001	-323.713
L10	S12-4	TORX	Left	-1.19	8.66	0.00	-0.068	-0.011	277.102
			Right	-1.19	8.66	0.00	-0.070	0.025	-312.072
L10	S12-4	TORY	Left	-1.45	10.54	0.00	-0.083	-0.013	337.159
			Right	-1.45	10.54	0.00	-0.086	0.031	-379.740
L10	S12-4	DX MAX	Left	29.99	239.33	0.06	1.772	2.069	7701.715
			Right	30.14	239.33	0.05	2.563	1.908	8569.465
L10	S12-4	DX MIN	Left	-29.99	-239.33	-0.06	-1.772	-2.069	-7701.715
			Right	-30.14	-239.33	-0.05	-2.563	-1.908	-8569.465
L10	S12-4	DY MAX	Left	9.12	58.31	0.57	32.967	16.532	1844.753
			Right	9.10	58.31	0.45	37.275	21.018	2120.733
L10	S12-4	DY MIN	Left	-9.12	-58.31	-0.57	-32.967	-16.532	-1844.753
			Right	-9.10	-58.31	-0.45	-37.275	-21.018	-2120.733
L10	S12-5	DEAD	Left	-1.50	-11.75	0.00	0.000	0.000	-280.520
			Right	-1.50	-1.48	0.00	-0.001	0.001	169.196
L10	S12-5	TORX	Left	1.17	8.75	0.00	-0.071	-0.026	314.546
			Right	1.17	8.75	0.00	-0.068	0.010	-280.137
L10	S12-5	TORY	Left	1.42	10.64	0.00	-0.086	-0.032	382.798
			Right	1.42	10.64	0.00	-0.083	0.012	-340.898
L10	S12-5	DX MAX	Left	29.09	237.33	0.06	3.053	1.919	8486.137
			Right	28.95	237.33	0.06	2.436	2.011	7648.783
L10	S12-5	DX MIN	Left	-29.09	-237.33	-0.06	-3.053	-1.919	-8486.137
			Right	-28.95	-237.33	-0.06	-2.436	-2.011	-7648.783
L10	S12-5	DY MAX	Left	10.67	69.91	0.48	40.375	22.896	2538.576
			Right	10.64	69.91	0.65	34.291	17.363	3214.946
L10	S12-5	DY MIN	Left	-10.67	-69.91	-0.48	-40.375	-22.896	-2538.576
			Right	-10.64	-69.91	-0.65	-34.291	-17.363	-3214.946

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S12-6	DEAD	Left	-2.09	-14.59	0.00	0.000	0.001	-379.815
			Right	-2.09	-4.32	0.00	-0.001	0.001	263.298
L10	S12-6	TORX	Left	1.37	17.69	0.00	-0.083	-0.023	814.170
			Right	1.37	17.69	0.00	-0.079	0.008	-588.804
L10	S12-6	TORY	Left	1.66	21.52	0.00	-0.101	-0.028	747.212
			Right	1.66	21.52	0.00	-0.097	0.009	-716.412
L10	S12-6	DX MAX	Left	28.72	445.43	0.05	1.072	2.143	15360.102
			Right	28.57	445.43	0.04	1.867	1.682	14925.669
L10	S12-6	DX MIN	Left	-28.72	-445.43	-0.05	-1.072	-2.143	-15360.102
			Right	-28.57	-445.43	-0.04	-1.867	-1.682	-14925.669
L10	S12-6	DY MAX	Left	15.93	153.62	0.51	28.998	18.059	5402.281
			Right	15.90	153.62	0.54	26.954	20.274	5043.217
L10	S12-6	DY MIN	Left	-15.93	-153.62	-0.51	-28.998	-18.059	-5402.281
			Right	-15.90	-153.62	-0.54	-26.954	-20.274	-5043.217
L10	S12-7	DEAD	Left	-1.28	-19.76	0.00	-0.001	0.001	-534.442
			Right	-1.28	-9.49	0.00	-0.002	0.002	460.173
L10	S12-7	TORX	Left	-1.68	23.98	0.00	-0.092	-0.023	772.487
			Right	-1.68	23.98	0.00	-0.088	-0.005	-858.285
L10	S12-7	TORY	Left	-2.04	29.19	0.00	-0.112	-0.028	940.117
			Right	-2.04	29.19	0.00	-0.107	-0.006	-1044.577
L10	S12-7	DX MAX	Left	45.15	563.51	0.06	3.105	1.783	18030.940
			Right	45.41	563.51	0.04	3.856	1.408	20284.503
L10	S12-7	DX MIN	Left	-45.15	-563.51	-0.06	-3.105	-1.783	-18030.940
			Right	-45.41	-563.51	-0.04	-3.856	-1.408	-20284.503
L10	S12-7	DY MAX	Left	13.24	238.69	0.57	23.412	19.589	7775.419
			Right	13.29	238.69	0.48	27.004	16.312	8454.856
L10	S12-7	DY MIN	Left	-13.24	-238.69	-0.57	-23.412	-19.589	-7775.419
			Right	-13.29	-238.69	-0.48	-27.004	-16.312	-8454.856

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	S12-8	DEAD	Left	-4.15	-9.49	0.00	0.043	-0.040	-227.883
			Right	-4.15	1.69	0.00	0.042	0.106	60.752
L10	S12-8	TORX	Left	0.59	9.60	0.00	-0.071	-0.036	350.844
			Right	0.59	9.60	0.00	-0.066	0.002	-359.695
L10	S12-8	TORY	Left	0.73	11.57	0.00	-0.087	-0.044	422.689
			Right	0.73	11.57	0.00	-0.081	0.002	-433.307
L10	S12-8	DX MAX	Left	2.74	202.51	0.05	2.833	1.975	7372.592
			Right	3.52	202.51	0.06	2.432	1.740	7597.062
L10	S12-8	DX MIN	Left	-2.74	-202.51	-0.05	-2.833	-1.975	-7372.592
			Right	-3.52	-202.51	-0.06	-2.432	-1.740	-7597.062
L10	S12-8	DY MAX	Left	20.11	210.86	0.56	19.313	16.766	7821.389
			Right	20.13	210.86	0.56	20.068	11.562	7782.669
L10	S12-8	DY MIN	Left	-20.11	-210.86	-0.56	-19.313	-16.766	-7821.389
			Right	-20.13	-210.86	-0.56	-20.068	-11.562	-7782.669
L10	SA-1	DEAD	Left	-4.01	0.33	0.00	0.045	-0.102	138.059
			Right	-4.01	11.51	0.00	0.044	0.042	-300.193
L10	SA-1	TORX	Left	0.55	-9.08	0.00	-0.062	-0.009	-341.099
			Right	0.55	-9.08	0.00	-0.066	0.033	330.890
L10	SA-1	TORY	Left	0.68	-10.91	0.00	-0.076	-0.010	-409.982
			Right	0.68	-10.91	0.00	-0.081	0.040	397.685
L10	SA-1	DX MAX	Left	20.57	229.40	0.52	17.606	13.231	8464.792
			Right	20.58	229.40	0.54	15.218	16.016	8511.021
L10	SA-1	DX MIN	Left	-20.57	-229.40	-0.52	-17.606	-13.231	-8464.792
			Right	-20.58	-229.40	-0.54	-15.218	-16.016	-8511.021
L10	SA-1	DY MAX	Left	2.57	193.63	0.10	1.984	3.579	7273.054
			Right	2.04	193.63	0.09	3.301	2.404	7043.895
L10	SA-1	DY MIN	Left	-2.57	-193.63	-0.10	-1.984	-3.579	-7273.054
			Right	-2.04	-193.63	-0.09	-3.301	-2.404	-7043.895

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	SA-2	DEAD	Left	-0.62	15.47	0.00	-0.001	0.001	676.231
			Right	-0.62	25.74	0.00	-0.002	0.001	-724.644
L10	SA-2	TORX	Left	-1.41	-25.28	0.00	-0.082	0.000	-900.517
			Right	-1.41	-25.28	0.00	-0.085	0.022	819.266
L10	SA-2	TORY	Left	-1.71	-30.77	0.00	-0.099	0.000	-1096.102
			Right	-1.71	-30.77	0.00	-0.103	0.027	995.915
L10	SA-2	DX MAX	Left	11.53	248.09	0.55	20.151	14.518	8758.173
			Right	11.48	248.09	0.45	25.493	12.711	8111.159
L10	SA-2	DX MIN	Left	-11.53	-248.09	-0.55	-20.151	-14.518	-8758.173
			Right	-11.48	-248.09	-0.45	-25.493	-12.711	-8111.159
L10	SA-2	DY MAX	Left	34.41	531.89	0.07	1.793	0.954	19019.038
			Right	34.21	531.89	0.06	2.414	1.608	17147.092
L10	SA-2	DY MIN	Left	-34.41	-531.89	-0.07	-1.793	-0.954	-19019.038
			Right	-34.21	-531.89	-0.06	-2.414	-1.608	-17147.092
L10	SA-3	DEAD	Left	-1.54	10.16	0.00	0.000	0.001	469.663
			Right	-1.54	20.43	0.00	-0.001	0.001	-570.170
L10	SA-3	TORX	Left	1.15	-16.70	0.00	-0.070	-0.009	-558.947
			Right	1.15	-16.70	0.00	-0.072	0.026	576.534
L10	SA-3	TORY	Left	1.40	-20.32	0.00	-0.085	-0.011	-680.289
			Right	1.40	-20.32	0.00	-0.088	0.032	701.724
L10	SA-3	DX MAX	Left	13.46	144.23	0.52	29.755	12.527	4761.251
			Right	13.49	144.23	0.54	27.824	18.766	5046.051
L10	SA-3	DX MIN	Left	-13.46	-144.23	-0.52	-29.755	-12.527	-4761.251
			Right	-13.49	-144.23	-0.54	-27.824	-18.766	-5046.051
L10	SA-3	DY MAX	Left	23.94	370.06	0.03	5.200	1.559	12426.951
			Right	22.95	370.06	0.09	3.152	2.458	12734.485
L10	SA-3	DY MIN	Left	-23.94	-370.06	-0.03	-5.200	-1.559	-12426.951
			Right	-22.95	-370.06	-0.09	-3.152	-2.458	-12734.485

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	SA-5	DEAD							
			Left	-1.63	-12.76	0.00	0.000	0.001	-316.636
			Right	-1.63	-2.49	0.00	-0.001	0.001	201.769
L10	SA-5	TORX							
			Left	-1.27	-9.72	0.00	-0.069	-0.024	-349.096
			Right	-1.27	-9.72	0.00	-0.068	0.012	311.781
L10	SA-5	TORY							
			Left	-1.55	-11.82	0.00	-0.084	-0.030	-424.746
			Right	-1.55	-11.82	0.00	-0.082	0.015	379.315
L10	SA-5	DX MAX							
			Left	9.16	57.90	0.52	36.421	22.230	2107.952
			Right	9.17	57.90	0.57	34.425	16.198	1829.827
L10	SA-5	DX MIN							
			Left	-9.16	-57.90	-0.52	-36.421	-22.230	-2107.952
			Right	-9.17	-57.90	-0.57	-34.425	-16.198	-1829.827
L10	SA-5	DY MAX							
			Left	28.78	241.93	0.05	1.088	2.502	8640.393
			Right	28.69	241.93	0.05	1.708	2.365	7808.963
L10	SA-5	DY MIN							
			Left	-28.78	-241.93	-0.05	-1.088	-2.502	-8640.393
			Right	-28.69	-241.93	-0.05	-1.708	-2.365	-7808.963
L10	SA-6	DEAD							
			Left	-2.18	-16.59	0.00	-0.001	0.001	-448.465
			Right	-2.18	-6.32	0.00	-0.001	0.001	330.349
L10	SA-6	TORX							
			Left	-1.44	-19.31	0.00	-0.080	-0.021	-669.413
			Right	-1.44	-19.31	0.00	-0.078	0.011	643.906
L10	SA-6	TORY							
			Left	-1.75	-23.49	0.00	-0.097	-0.025	-814.360
			Right	-1.75	-23.49	0.00	-0.095	0.013	783.315
L10	SA-6	DX MAX							
			Left	14.38	130.29	0.48	29.141	16.589	4594.547
			Right	14.40	130.29	0.52	26.656	20.536	4265.878
L10	SA-6	DX MIN							
			Left	-14.38	-130.29	-0.48	-29.141	-16.589	-4594.547
			Right	-14.40	-130.29	-0.52	-26.656	-20.536	-4265.878
L10	SA-6	DY MAX							
			Left	27.96	443.08	0.08	1.350	2.599	15281.239
			Right	27.86	443.08	0.04	3.284	1.517	14846.073
L10	SA-6	DY MIN							
			Left	-27.96	-443.08	-0.08	-1.350	-2.599	-15281.239
			Right	-27.86	-443.08	-0.04	-3.284	-1.517	-14846.073

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	SA-7	DEAD							
			Left	-1.00	-21.77	0.00	0.000	0.001	-597.590
			Right	-1.00	-11.50	0.00	0.000	0.001	533.839
L10	SA-7	TORX							
			Left	1.84	-25.83	0.00	-0.088	-0.020	-831.069
			Right	1.84	-25.83	0.00	-0.086	0.000	925.658
L10	SA-7	TORY							
			Left	2.24	-31.44	0.00	-0.107	-0.024	-1011.226
			Right	2.24	-31.44	0.00	-0.105	0.000	1126.379
L10	SA-7	DX MAX							
			Left	11.09	208.73	0.46	23.641	19.747	6814.897
			Right	11.08	208.73	0.51	20.843	15.241	7379.494
L10	SA-7	DX MIN							
			Left	-11.09	-208.73	-0.46	-23.641	-19.747	-6814.897
			Right	-11.08	-208.73	-0.51	-20.843	-15.241	-7379.494
L10	SA-7	DY MAX							
			Left	45.85	558.92	0.07	1.859	1.673	17885.560
			Right	46.01	558.92	0.08	2.687	1.167	20118.883
L10	SA-7	DY MIN							
			Left	-45.85	-558.92	-0.07	-1.859	-1.673	-17885.560
			Right	-46.01	-558.92	-0.08	-2.687	-1.167	-20118.883
L10	SA-8	DEAD							
			Left	-3.98	-9.83	0.00	-0.045	0.041	-237.781
			Right	-3.98	1.36	0.00	-0.045	-0.103	75.240
L10	SA-8	TORX							
			Left	-0.50	-8.91	0.00	-0.067	-0.033	-334.182
			Right	-0.50	-8.91	0.00	-0.064	0.010	335.504
L10	SA-8	TORY							
			Left	-0.61	-10.71	0.00	-0.082	-0.039	-389.379
			Right	-0.61	-10.71	0.00	-0.078	0.011	403.016
L10	SA-8	DX MAX							
			Left	19.36	197.15	0.54	12.033	16.574	7324.619
			Right	19.37	197.15	0.46	19.670	12.154	7266.619
L10	SA-8	DX MIN							
			Left	-19.36	-197.15	-0.54	-12.033	-16.574	-7324.619
			Right	-19.37	-197.15	-0.46	-19.670	-12.154	-7266.619
L10	SA-8	DY MAX							
			Left	2.04	197.53	0.09	3.085	2.111	7173.870
			Right	2.67	197.53	0.10	2.419	2.832	7431.843
L10	SA-8	DY MIN							
			Left	-2.04	-197.53	-0.09	-3.085	-2.111	-7173.870
			Right	-2.67	-197.53	-0.10	-2.419	-2.832	-7431.843

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	SP-1	DEAD							
			Left	-4.27	-2.18	0.00	-0.044	0.105	40.663
			Right	-4.27	9.00	0.00	-0.045	-0.040	-211.656
L10	SP-1	TORX							
			Left	-0.65	6.69	0.00	-0.063	-0.008	251.777
			Right	-0.65	6.69	0.00	-0.067	0.032	-243.518
L10	SP-1	TORY							
			Left	-0.80	8.02	0.00	-0.077	-0.009	301.588
			Right	-0.80	8.02	0.00	-0.082	0.039	-291.673
L10	SP-1	DX MAX							
			Left	21.21	203.35	0.49	30.158	13.994	7483.193
			Right	21.22	203.35	0.57	12.585	17.261	7565.963
L10	SP-1	DX MIN							
			Left	-21.21	-203.35	-0.49	-30.158	-13.994	-7483.193
			Right	-21.22	-203.35	-0.57	-12.585	-17.261	-7565.963
L10	SP-1	DY MAX							
			Left	5.50	181.28	0.09	2.283	2.347	6797.399
			Right	4.99	181.28	0.09	2.486	1.738	6599.901
L10	SP-1	DY MIN							
			Left	-5.50	-181.28	-0.09	-2.283	-2.347	-6797.399
			Right	-4.99	-181.28	-0.09	-2.486	-1.738	-6599.901
L10	SP-2	DEAD							
			Left	0.06	1.98	0.00	0.001	0.001	223.512
			Right	0.06	13.25	0.00	0.000	0.001	-260.198
L10	SP-2	TORX							
			Left	4.68	18.68	0.00	-0.084	0.001	752.942
			Right	4.68	18.68	0.00	-0.087	0.020	-517.503
L10	SP-2	TORY							
			Left	8.11	22.74	0.00	-0.103	0.001	916.091
			Right	8.11	22.74	0.00	-0.106	0.024	-630.020
L10	SP-2	DX MAX							
			Left	55.19	177.32	0.52	28.271	15.291	6973.623
			Right	55.16	177.32	0.47	28.622	17.572	5085.451
L10	SP-2	DX MIN							
			Left	-55.19	-177.32	-0.52	-28.271	-15.291	-6973.623
			Right	-55.16	-177.32	-0.47	-28.622	-17.572	-5085.451
L10	SP-2	DY MAX							
			Left	158.14	427.15	0.05	4.498	1.075	17279.545
			Right	157.87	427.15	0.08	2.623	1.994	11768.749
L10	SP-2	DY MIN							
			Left	-158.14	-427.15	-0.05	-4.498	-1.075	-17279.545
			Right	-157.87	-427.15	-0.08	-2.623	-1.994	-11768.749

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	SP-3	DEAD							
			Left	2.28	4.00	0.00	0.000	0.001	315.796
			Right	2.28	14.27	0.00	-0.001	0.001	-305.509
L10	SP-3	TORX							
			Left	-0.21	19.58	0.00	-0.077	0.004	671.903
			Right	-0.21	19.58	0.00	-0.079	0.014	-659.799
L10	SP-3	TORY							
			Left	-0.25	23.80	0.00	-0.094	0.005	816.614
			Right	-0.25	23.80	0.00	-0.097	0.017	-801.680
L10	SP-3	DX MAX							
			Left	8.28	153.78	0.55	32.593	24.570	5168.838
			Right	8.29	153.78	0.48	34.650	21.335	5287.503
L10	SP-3	DX MIN							
			Left	-8.28	-153.78	-0.55	-32.593	-24.570	-5168.838
			Right	-8.29	-153.78	-0.48	-34.650	-21.335	-5287.503
L10	SP-3	DY MAX							
			Left	2.55	454.66	0.08	2.124	2.421	15664.812
			Right	3.46	454.66	0.06	2.019	2.610	15247.633
L10	SP-3	DY MIN							
			Left	-2.55	-454.66	-0.08	-2.124	-2.421	-15664.812
			Right	-3.46	-454.66	-0.06	-2.019	-2.610	-15247.633
L10	SP-4	DEAD							
			Left	-5.10	3.34	0.00	-0.001	0.001	180.768
			Right	-5.10	13.61	0.00	-0.002	0.001	-395.825
L10	SP-4	TORX							
			Left	-6.29	7.49	0.00	-0.074	-0.013	143.010
			Right	-6.29	7.49	0.00	-0.076	0.025	-346.171
L10	SP-4	TORY							
			Left	-7.64	9.11	0.00	-0.090	-0.016	198.568
			Right	-7.64	9.11	0.00	-0.092	0.030	-421.146
L10	SP-4	DX MAX							
			Left	52.06	55.23	0.57	36.126	14.541	1115.222
			Right	52.09	55.23	0.53	39.003	23.030	2641.353
L10	SP-4	DX MIN							
			Left	-52.06	-55.23	-0.57	-36.126	-14.541	-1115.222
			Right	-52.09	-55.23	-0.53	-39.003	-23.030	-2641.353
L10	SP-4	DY MAX							
			Left	145.47	196.26	0.07	2.107	1.813	4573.341
			Right	145.69	196.26	0.04	3.527	2.017	8778.155
L10	SP-4	DY MIN							
			Left	-145.47	-196.26	-0.07	-2.107	-1.813	-4573.341
			Right	-145.69	-196.26	-0.04	-3.527	-2.017	-8778.155

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	SP-5	DEAD	Left	-1.52	-11.98	0.00	0.000	0.001	-288.705
			Right	-1.52	-1.71	0.00	-0.001	0.001	176.956
L10	SP-5	TORX	Left	1.30	9.72	0.00	-0.069	-0.024	349.591
			Right	1.30	9.72	0.00	-0.068	0.012	-311.532
L10	SP-5	TORY	Left	1.58	11.83	0.00	-0.084	-0.030	425.462
			Right	1.58	11.83	0.00	-0.082	0.015	-379.116
L10	SP-5	DX MAX	Left	9.49	61.91	0.52	36.261	22.204	2248.717
			Right	9.50	61.91	0.57	34.300	16.167	1961.485
L10	SP-5	DX MIN	Left	-9.49	-61.91	-0.52	-36.261	-22.204	-2248.717
			Right	-9.50	-61.91	-0.57	-34.300	-16.167	-1961.485
L10	SP-5	DY MAX	Left	31.38	258.89	0.04	3.955	1.988	9254.330
			Right	31.25	258.89	0.08	2.685	2.733	8347.357
L10	SP-5	DY MIN	Left	-31.38	-258.89	-0.04	-3.955	-1.988	-9254.330
			Right	-31.25	-258.89	-0.08	-2.685	-2.733	-8347.357
L10	SP-6	DEAD	Left	-2.06	-15.00	0.00	-0.001	0.001	-392.939
			Right	-2.06	-4.72	0.00	-0.001	0.001	277.547
L10	SP-6	TORX	Left	1.49	19.84	0.00	-0.080	-0.021	687.826
			Right	1.49	19.84	0.00	-0.078	0.011	-661.121
L10	SP-6	TORY	Left	1.81	24.13	0.00	-0.097	-0.025	836.769
			Right	1.81	24.13	0.00	-0.095	0.013	-804.361
L10	SP-6	DX MAX	Left	14.48	134.69	0.48	29.127	16.560	4742.277
			Right	14.49	134.69	0.52	26.848	20.479	4417.276
L10	SP-6	DX MIN	Left	-14.48	-134.69	-0.48	-29.127	-16.560	-4742.277
			Right	-14.49	-134.69	-0.53	-26.848	-20.479	-4417.276
L10	SP-6	DY MAX	Left	31.38	483.12	0.06	1.266	3.001	16672.090
			Right	31.14	483.12	0.06	2.208	2.779	16177.114
L10	SP-6	DY MIN	Left	-31.38	-483.12	-0.06	-1.266	-3.001	-16672.090
			Right	-31.14	-483.12	-0.06	-2.208	-2.779	-16177.114

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L10	SP-7	DEAD	Left	-1.19	-19.69	0.00	-0.001	0.001	-530.530
			Right	-1.19	-9.43	0.00	-0.002	0.001	459.008
L10	SP-7	TORX	Left	-1.89	26.45	0.00	-0.088	-0.020	850.774
			Right	-1.89	26.45	0.00	-0.086	0.000	-847.638
L10	SP-7	TORY	Left	-2.30	32.19	0.00	-0.107	-0.024	1035.366
			Right	-2.30	32.19	0.00	-0.105	0.000	-1153.305
L10	SP-7	DX MAX	Left	11.73	313.68	0.46	33.591	19.697	6969.962
			Right	11.73	313.68	0.51	20.742	15.247	7560.868
L10	SP-7	DX MIN	Left	-11.73	-313.68	-0.46	-33.591	-19.697	-6969.962
			Right	-11.73	-313.68	-0.51	-20.742	-15.247	-7560.868
L10	SP-7	DY MAX	Left	49.38	613.37	0.11	4.163	3.046	19640.082
			Right	49.62	613.37	0.04	6.412	1.172	22066.113
L10	SP-7	DY MIN	Left	-49.38	-613.37	-0.11	-4.163	-3.046	-19640.082
			Right	-49.62	-613.37	-0.04	-6.412	-1.172	-22066.113
L10	SP-8	DEAD	Left	-4.01	-7.87	0.00	0.046	-0.040	-166.863
			Right	-4.01	3.30	0.00	0.045	0.108	2.265
L10	SP-8	TORX	Left	0.49	9.13	0.00	-0.066	-0.032	331.775
			Right	0.49	9.13	0.00	-0.063	0.010	-343.697
L10	SP-8	TORY	Left	0.61	10.97	0.00	-0.080	-0.039	398.886
			Right	0.61	10.97	0.00	-0.077	0.012	-413.355
L10	SP-8	DX MAX	Left	19.45	198.71	0.54	12.103	16.556	7375.283
			Right	19.46	198.71	0.46	19.608	12.242	7331.353
L10	SP-8	DX MIN	Left	-19.45	-198.71	-0.54	-12.103	-16.556	-7375.283
			Right	-19.46	-198.71	-0.46	-19.608	-12.241	-7331.353
L10	SP-8	DY MAX	Left	3.73	223.60	0.09	3.004	3.120	8112.901
			Right	4.56	223.60	0.09	1.863	2.514	8417.334
L10	SP-8	DY MIN	Left	-3.73	-223.60	-0.09	-3.004	-2.120	-8112.901
			Right	-4.56	-223.60	-0.09	-1.863	-2.514	-8417.334

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S1-1	DEAD	Left	-2.73	-1.73	0.00	0.029	-0.087	36.300
			Right	-2.73	6.37	0.00	0.029	0.058	-135.282
L9	S1-1	TORX	Left	0.56	-5.67	0.00	-0.033	-0.016	-203.379
			Right	0.56	-5.67	0.00	-0.034	0.005	216.348
L9	S1-1	TORY	Left	0.68	-6.77	0.00	-0.041	-0.019	-242.873
			Right	0.68	-6.77	0.00	-0.041	0.007	258.468
L9	S1-1	DX MAX	Left	4.51	131.76	0.04	0.832	0.777	4772.664
			Right	4.84	131.76	0.04	0.949	0.610	4975.958
L9	S1-1	DX MIN	Left	-4.51	-131.76	-0.04	-0.832	-0.777	-4772.664
			Right	-4.84	-131.76	-0.04	-0.949	-0.610	-4975.958
L9	S1-1	DY MAX	Left	11.36	100.44	0.38	4.312	5.982	3610.570
			Right	11.34	100.44	0.37	5.230	5.801	3821.945
L9	S1-1	DY MIN	Left	-11.36	-100.44	-0.38	-4.312	-5.982	-3610.570
			Right	-11.34	-100.44	-0.37	-5.230	-5.801	-3821.945
L9	S1-2	DEAD	Left	-1.96	4.04	0.00	-0.001	-0.002	224.087
			Right	-1.96	11.47	0.00	-0.001	0.000	-303.322
L9	S1-2	TORX	Left	0.40	-13.24	0.00	-0.050	-0.005	-446.053
			Right	0.40	-13.24	0.00	-0.050	0.001	454.244
L9	S1-2	TORY	Left	0.49	-16.04	0.00	-0.060	-0.006	-540.218
			Right	0.49	-16.04	0.00	-0.061	0.001	550.294
L9	S1-2	DX MAX	Left	7.44	292.90	0.03	1.057	0.461	9857.852
			Right	7.36	292.90	0.04	1.031	0.533	10058.884
L9	S1-2	DX MIN	Left	-7.44	-292.90	-0.03	-1.057	-0.461	-9857.852
			Right	-7.36	-292.90	-0.04	-1.031	-0.533	-10058.884
L9	S1-2	DY MAX	Left	5.12	117.43	0.35	7.290	4.785	3967.937
			Right	5.10	117.43	0.35	6.964	5.417	4017.169
L9	S1-2	DY MIN	Left	-5.12	-117.43	-0.35	-7.290	-4.785	-3967.937
			Right	-5.10	-117.43	-0.35	-6.964	-5.417	-4017.169

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S1-3	DEAD	Left	-1.58	4.72	0.00	0.000	0.000	254.021
			Right	-1.58	12.16	0.00	-0.001	0.000	-319.704
L9	S1-3	TORX	Left	0.40	-13.06	0.00	-0.051	-0.006	-446.371
			Right	0.40	-13.06	0.00	-0.051	0.002	441.442
L9	S1-3	TORY	Left	0.49	-15.84	0.00	-0.062	-0.007	-541.509
			Right	0.49	-15.84	0.00	-0.062	0.003	535.527
L9	S1-3	DX MAX	Left	8.92	313.39	0.03	0.477	0.500	10701.748
			Right	8.86	313.39	0.03	0.573	0.470	10608.533
L9	S1-3	DX MIN	Left	-8.92	-313.39	-0.03	-0.477	-0.500	-10701.748
			Right	-8.86	-313.39	-0.03	-0.573	-0.470	-10608.533
L9	S1-3	DY MAX	Left	4.08	96.76	0.34	9.313	5.375	3313.759
			Right	4.05	96.76	0.36	8.713	6.092	3265.929
L9	S1-3	DY MIN	Left	-4.08	-96.76	-0.34	-9.313	-5.375	-3313.759
			Right	-4.05	-96.76	-0.36	-8.713	-6.092	-3265.929
L9	S1-4	DEAD	Left	-1.28	3.02	0.00	0.000	0.000	198.495
			Right	-1.28	10.46	0.00	0.000	0.000	-259.567
L9	S1-4	TORX	Left	0.39	-8.27	0.00	-0.055	-0.005	-283.198
			Right	0.39	-8.27	0.00	-0.055	0.001	278.984
L9	S1-4	TORY	Left	0.48	-10.03	0.00	-0.066	-0.006	-343.461
			Right	0.48	-10.03	0.00	-0.067	0.002	338.339
L9	S1-4	DX MAX	Left	10.02	209.17	0.03	0.671	0.445	7161.365
			Right	10.01	209.17	0.03	0.735	0.391	7061.691
L9	S1-4	DX MIN	Left	-10.02	-209.17	-0.03	-0.671	-0.445	-7161.365
			Right	-10.01	-209.17	-0.03	-0.735	-0.391	-7061.691
L9	S1-4	DY MAX	Left	3.19	55.79	0.35	10.978	5.887	1911.507
			Right	3.17	55.79	0.37	10.573	7.182	1882.060
L9	S1-4	DY MIN	Left	-3.19	-55.79	-0.35	-10.978	-5.887	-1911.507
			Right	-3.17	-55.79	-0.37	-10.573	-7.182	-1882.060

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S1-5	DEAD							
			Left	-1.28	-10.72	0.00	-0.001	0.000	-268.285
			Right	-1.28	-3.28	0.00	-0.001	0.000	207.856
L9	S1-5	TORX							
			Left	-0.40	-8.48	0.00	-0.055	0.000	-266.040
			Right	-0.40	-8.48	0.00	-0.054	0.007	290.749
L9	S1-5	TORY							
			Left	-0.48	-10.29	0.00	-0.066	0.000	-346.945
			Right	-0.48	-10.29	0.00	-0.066	0.008	352.668
L9	S1-5	DX MAX							
			Left	9.74	206.35	0.03	0.657	0.435	6962.885
			Right	9.76	206.35	0.03	0.674	0.291	7068.591
L9	S1-5	DX MIN							
			Left	-9.74	-206.35	-0.03	-0.657	-0.435	-6962.885
			Right	-9.76	-206.35	-0.03	-0.674	-0.291	-7068.591
L9	S1-5	DY MAX							
			Left	3.84	76.07	0.40	11.021	7.795	2562.661
			Right	3.82	76.07	0.37	11.532	6.140	2609.943
L9	S1-5	DY MIN							
			Left	-3.84	-76.07	-0.40	-11.021	-7.795	-2562.661
			Right	-3.82	-76.07	-0.37	-11.532	-6.140	-2609.943
L9	S1-6	DEAD							
			Left	-1.61	-12.88	0.00	-0.001	0.000	-344.323
			Right	-1.61	-5.44	0.00	-0.001	0.000	278.573
L9	S1-6	TORX							
			Left	-0.43	-13.49	0.00	-0.051	-0.001	-456.546
			Right	-0.43	-13.49	0.00	-0.051	0.007	460.694
L9	S1-6	TORY							
			Left	-0.52	-16.37	0.00	-0.062	-0.001	-553.934
			Right	-0.52	-16.37	0.00	-0.062	0.009	558.973
L9	S1-6	DX MAX							
			Left	9.16	309.84	0.03	0.627	0.308	10499.446
			Right	9.21	309.94	0.03	0.525	0.364	10569.925
L9	S1-6	DX MIN							
			Left	-9.16	-309.84	-0.03	-0.627	-0.308	-10499.446
			Right	-9.21	-309.84	-0.03	-0.525	-0.364	-10568.925
L9	S1-6	DY MAX							
			Left	5.08	131.74	0.39	8.982	6.377	4451.084
			Right	5.06	131.74	0.38	9.445	5.853	4506.880
L9	S1-6	DY MIN							
			Left	-5.08	-131.74	-0.39	-8.982	-6.377	-4451.084
			Right	-5.06	-131.74	-0.38	-9.445	-5.853	-4506.880

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S1-7	DEAD							
			Left	-1.97	-12.37	0.00	0.000	0.000	-333.690
			Right	-1.97	-4.93	0.00	0.000	-0.001	254.494
L9	S1-7	TORX							
			Left	-0.40	-13.70	0.00	-0.051	0.000	-469.870
			Right	-0.40	-13.70	0.00	-0.050	0.007	461.599
L9	S1-7	TORY							
			Left	-0.49	-16.60	0.00	-0.061	0.000	-569.352
			Right	-0.49	-16.60	0.00	-0.061	0.009	559.181
L9	S1-7	DX MAX							
			Left	7.14	287.50	0.03	0.747	0.384	9874.059
			Right	7.22	287.50	0.03	0.637	0.477	9875.422
L9	S1-7	DX MIN							
			Left	-7.14	-287.50	-0.03	-0.747	-0.384	-9874.059
			Right	-7.22	-287.50	-0.03	-0.637	-0.477	-9875.422
L9	S1-7	DY MAX							
			Left	6.09	153.42	0.39	7.342	5.966	5252.484
			Right	6.08	153.42	0.39	7.314	5.718	5180.131
L9	S1-7	DY MIN							
			Left	-6.09	-153.42	-0.39	-7.342	-5.966	-5252.484
			Right	-6.08	-153.42	-0.39	-7.314	-5.718	-5180.131
L9	S1-8	DEAD							
			Left	-2.77	-7.58	0.00	-0.026	0.058	-180.918
			Right	-2.77	0.51	0.00	-0.027	-0.086	80.490
L9	S1-8	TORX							
			Left	-0.56	-6.16	0.00	-0.032	-0.005	-234.517
			Right	-0.56	-6.16	0.00	-0.032	0.019	221.229
L9	S1-8	TORY							
			Left	-0.68	-7.37	0.00	-0.039	-0.006	-280.590
			Right	-0.68	-7.37	0.00	-0.039	0.023	264.601
L9	S1-8	DX MAX							
			Left	4.81	129.85	0.03	0.772	0.661	4899.882
			Right	4.47	129.85	0.04	0.748	0.697	4707.471
L9	S1-8	DX MIN							
			Left	-4.81	-129.85	-0.03	-0.772	-0.661	-4899.882
			Right	-4.47	-129.85	-0.04	-0.748	-0.697	-4707.471
L9	S1-8	DY MAX							
			Left	12.63	123.35	0.43	5.620	7.134	4688.263
			Right	12.61	123.35	0.43	5.124	6.919	4439.117
L9	S1-8	DY MIN							
			Left	-12.63	-123.35	-0.43	-5.620	-7.134	-4688.263
			Right	-12.61	-123.35	-0.43	-5.124	-6.919	-4439.117

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S12-1	DEAD							
			Left	-2.72	-1.46	0.00	-0.031	0.083	46.338
			Right	-2.72	6.63	0.00	-0.031	-0.057	-145.134
L9	S12-1	TORX							
			Left	-0.56	5.80	0.00	-0.033	-0.016	307.905
			Right	-0.56	5.80	0.00	-0.034	0.006	-221.092
L9	S12-1	TORY							
			Left	-0.68	6.93	0.00	-0.040	-0.020	368.384
			Right	-0.68	6.93	0.00	-0.041	0.008	-264.247
L9	S12-1	DX MAX							
			Left	5.35	142.94	0.04	0.593	0.721	5172.752
			Right	5.67	142.94	0.04	0.528	0.810	5403.130
L9	S12-1	DX MIN							
			Left	-5.35	-142.94	-0.04	-0.593	-0.721	-5172.752
			Right	-5.67	-142.94	-0.04	-0.528	-0.810	-5403.130
L9	S12-1	DY MAX							
			Left	11.16	96.23	0.38	4.274	5.975	3458.074
			Right	11.15	96.23	0.37	5.190	5.806	3662.800
L9	S12-1	DY MIN							
			Left	-11.16	-96.23	-0.38	-4.274	-5.975	-3458.074
			Right	-11.15	-96.23	-0.37	-5.190	-5.806	-3662.800
L9	S12-2	DEAD							
			Left	-1.96	4.23	0.00	0.000	0.000	230.593
			Right	-1.96	11.67	0.00	0.000	0.000	-309.880
L9	S12-2	TORX							
			Left	-0.41	13.54	0.00	-0.050	-0.005	456.050
			Right	-0.41	13.54	0.00	-0.050	0.001	-464.391
L9	S12-2	TORY							
			Left	-0.50	16.40	0.00	-0.060	-0.006	552.381
			Right	-0.50	16.40	0.00	-0.061	0.001	-562.639
L9	S12-2	DX MAX							
			Left	7.86	309.52	0.04	0.716	0.537	10421.419
			Right	7.78	309.52	0.03	0.822	0.447	10625.545
L9	S12-2	DX MIN							
			Left	-7.86	-309.52	-0.04	-0.716	-0.537	-10421.419
			Right	-7.78	-309.52	-0.03	-0.822	-0.447	-10625.545
L9	S12-2	DY MAX							
			Left	5.07	113.95	0.35	7.246	4.785	3849.627
			Right	5.06	113.95	0.35	6.921	5.415	3898.858
L9	S12-2	DY MIN							
			Left	-5.07	-113.95	-0.35	-7.246	-4.785	-3849.627
			Right	-5.06	-113.95	-0.35	-6.921	-5.415	-3898.858

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S12-3	DEAD							
			Left	-1.58	4.86	0.00	0.000	0.000	259.037
			Right	-1.58	12.30	0.00	-0.001	0.000	-324.561
L9	S12-3	TORX							
			Left	-0.41	13.36	0.00	-0.051	-0.006	456.630
			Right	-0.41	13.36	0.00	-0.051	0.002	-451.823
L9	S12-3	TORY							
			Left	-0.50	16.21	0.00	-0.062	-0.007	554.231
			Right	-0.50	16.21	0.00	-0.062	0.003	-548.156
L9	S12-3	DX MAX							
			Left	9.45	328.28	0.03	0.427	0.426	11209.594
			Right	9.40	328.28	0.03	0.512	0.426	11113.746
L9	S12-3	DX MIN							
			Left	-9.45	-328.28	-0.03	-0.427	-0.426	-11209.594
			Right	-9.40	-328.28	-0.03	-0.512	-0.426	-11112.746
L9	S12-3	DY MAX							
			Left	4.01	94.16	0.34	9.315	5.373	3224.549
			Right	3.99	94.16	0.36	8.715	6.090	3178.064
L9	S12-3	DY MIN							
			Left	-4.01	-94.16	-0.34	-9.315	-5.373	-3224.549
			Right	-3.99	-94.16	-0.36	-8.715	-6.090	-3178.064
L9	S12-4	DEAD							
			Left	-1.28	3.07	0.00	0.000	0.000	200.524
			Right	-1.28	10.51	0.00	0.000	0.000	-261.460
L9	S12-4	TORX							
			Left	-0.40	9.48	0.00	-0.055	-0.005	390.399
			Right	-0.40	9.48	0.00	-0.055	0.001	-386.098
L9	S12-4	TORY							
			Left	-0.49	10.28	0.00	-0.066	-0.006	353.221
			Right	-0.49	10.28	0.00	-0.067	0.002	-346.993
L9	S12-4	DX MAX							
			Left	10.55	219.19	0.03	0.564	0.396	7503.209
			Right	10.55	219.19	0.03	0.548	0.451	7401.241
L9	S12-4	DX MIN							
			Left	-10.55	-219.19	-0.03	-0.564	-0.396	-7503.209
			Right	-10.55	-219.19	-0.03	-0.548	-0.451	-7401.241
L9	S12-4	DY MAX							
			Left	3.10	54.26	0.35	10.953	5.885	1859.205
			Right	3.09	54.26	0.37	10.546	7.182	1838.528
L9	S12-4	DY MIN							
			Left	-3.10	-54.26	-0.35	-10.953	-5.885	-1859.205
			Right	-3.09	-54.26	-0.37	-10.546	-7.182	-1838.528

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S12-5	DEAD	Left	-1.24	-9.35	0.00	-0.001	0.000	-222.348
			Right	-1.24	-1.92	0.00	-0.001	0.000	160.892
L9	S12-5	TORX	Left	0.40	8.56	0.00	-0.055	0.000	288.780
			Right	0.40	8.56	0.00	-0.054	0.007	-293.514
L9	S12-5	TORY	Left	0.48	10.39	0.00	-0.066	0.000	350.290
			Right	0.48	10.39	0.00	-0.066	0.009	-356.045
L9	S12-5	DX MAX	Left	10.28	217.26	0.03	0.730	0.435	7331.922
			Right	10.28	217.26	0.03	0.770	0.304	7441.273
L9	S12-5	DX MIN	Left	-10.28	-217.26	-0.03	-0.730	-0.435	-7331.922
			Right	-10.28	-217.26	-0.03	-0.770	-0.304	-7441.273
L9	S12-5	DY MAX	Left	3.54	70.33	0.40	11.054	7.800	2369.102
			Right	3.52	70.33	0.37	11.565	6.140	2412.530
L9	S12-5	DY MIN	Left	-3.54	-70.33	-0.40	-11.054	-7.800	-2369.102
			Right	-3.52	-70.33	-0.37	-11.565	-6.140	-2412.530
L9	S12-6	DEAD	Left	-1.58	-10.65	0.00	-0.001	0.000	-268.909
			Right	-1.58	-3.21	0.00	-0.001	0.000	203.179
L9	S12-6	TORX	Left	0.42	13.55	0.00	-0.051	-0.001	458.545
			Right	0.42	13.55	0.00	-0.051	0.007	-462.645
L9	S12-6	TORY	Left	0.51	16.44	0.00	-0.062	-0.001	556.383
			Right	0.51	16.44	0.00	-0.062	0.009	-561.362
L9	S12-6	DX MAX	Left	9.66	326.02	0.03	0.517	0.314	11048.146
			Right	9.70	326.02	0.03	0.415	0.341	11120.434
L9	S12-6	DX MIN	Left	-9.66	-326.02	-0.03	-0.517	-0.314	-11048.146
			Right	-9.70	-326.02	-0.03	-0.415	-0.341	-11120.434
L9	S12-6	DY MAX	Left	4.67	121.29	0.39	8.981	6.376	4098.108
			Right	4.65	121.29	0.38	9.443	5.852	4149.203
L9	S12-6	DY MIN	Left	-4.67	-121.29	-0.39	-8.981	-6.376	-4098.108
			Right	-4.65	-121.29	-0.38	-9.443	-5.852	-4149.203

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	S12-7	DEAD	Left	-1.95	-10.08	0.00	-0.001	-0.001	-255.426
			Right	-1.95	-2.64	0.00	-0.001	0.000	177.257
L9	S12-7	TORX	Left	0.39	13.64	0.00	-0.051	0.000	467.918
			Right	0.39	13.64	0.00	-0.050	0.007	-459.582
L9	S12-7	TORY	Left	0.48	16.53	0.00	-0.061	0.000	566.986
			Right	0.48	16.53	0.00	-0.061	0.009	-556.736
L9	S12-7	DX MAX	Left	7.38	304.98	0.03	1.126	0.356	10469.714
			Right	7.47	304.98	0.03	1.022	0.513	10268.659
L9	S12-7	DX MIN	Left	-7.38	-304.98	-0.03	-1.126	-0.356	-10469.714
			Right	-7.47	-304.98	-0.03	-1.022	-0.513	-10268.659
L9	S12-7	DY MAX	Left	5.66	140.70	0.39	7.375	5.965	4817.377
			Right	5.65	140.70	0.39	7.342	5.723	4750.225
L9	S12-7	DY MIN	Left	-5.66	-140.70	-0.39	-7.375	-5.965	-4817.377
			Right	-5.65	-140.70	-0.39	-7.342	-5.723	-4750.225
L9	S12-8	DEAD	Left	-2.75	-6.05	0.00	0.028	-0.059	-123.047
			Right	-2.75	2.05	0.00	0.029	0.087	24.911
L9	S12-8	TORX	Left	0.52	5.83	0.00	-0.035	-0.007	221.946
			Right	0.52	5.83	0.00	-0.034	0.021	-209.684
L9	S12-8	TORY	Left	0.63	6.97	0.00	-0.042	-0.009	265.287
			Right	0.63	6.97	0.00	-0.042	0.025	-250.545
L9	S12-8	DX MAX	Left	4.99	138.37	0.04	0.747	0.778	5222.635
			Right	4.67	138.37	0.03	0.812	0.663	5014.938
L9	S12-8	DX MIN	Left	-4.99	-138.37	-0.04	-0.747	-0.778	-5222.635
			Right	-4.67	-138.37	-0.03	-0.812	-0.663	-5014.938
L9	S12-8	DY MAX	Left	11.61	111.74	0.43	5.680	7.150	4244.149
			Right	11.59	111.74	0.43	5.185	6.912	4024.722
L9	S12-8	DY MIN	Left	-11.61	-111.74	-0.43	-5.680	-7.150	-4244.149
			Right	-11.59	-111.74	-0.43	-5.185	-6.912	-4024.722

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SA-1	DEAD	Left	-2.69	-0.77	0.00	0.029	-0.085	71.296
			Right	-2.69	7.33	0.00	0.028	0.058	-171.508
L9	SA-1	TORX	Left	0.52	-5.45	0.00	-0.022	-0.018	-195.223
			Right	0.52	-5.45	0.00	-0.033	0.008	207.960
L9	SA-1	TORY	Left	0.64	-6.48	0.00	-0.039	-0.022	-232.202
			Right	0.64	-6.48	0.00	-0.040	0.010	247.513
L9	SA-1	DX MAX	Left	11.93	117.54	0.41	3.758	6.524	4232.750
			Right	11.95	117.54	0.41	4.377	6.537	4465.360
L9	SA-1	DX MIN	Left	-11.93	-117.54	-0.41	-3.758	-6.524	-4232.750
			Right	-11.95	-117.54	-0.41	-4.377	-6.537	-4465.360
L9	SA-1	DY MAX	Left	4.80	132.14	0.06	0.759	0.925	4784.488
			Right	5.10	132.14	0.06	0.731	0.932	4992.252
L9	SA-1	DY MIN	Left	-4.80	-132.14	-0.06	-0.759	-0.925	-4784.488
			Right	-5.10	-132.14	-0.06	-0.731	-0.932	-4992.252
L9	SA-2	DEAD	Left	-1.88	6.59	0.00	-0.001	-0.001	311.569
			Right	-1.88	14.02	0.00	-0.001	0.000	-389.238
L9	SA-2	TORX	Left	0.48	-13.93	0.00	-0.052	-0.005	-469.660
			Right	0.48	-13.93	0.00	-0.053	0.001	477.451
L9	SA-2	TORY	Left	0.59	-16.86	0.00	-0.064	-0.006	-568.570
			Right	0.59	-16.86	0.00	-0.064	0.001	578.189
L9	SA-2	DX MAX	Left	6.16	143.70	0.37	7.523	5.450	4859.321
			Right	6.18	143.70	0.39	6.748	6.298	4912.493
L9	SA-2	DX MIN	Left	-6.16	-143.70	-0.37	-7.523	-5.450	-4859.321
			Right	-6.18	-143.70	-0.39	-6.748	-6.298	-4912.493
L9	SA-2	DY MAX	Left	9.38	286.07	0.04	0.538	0.684	9652.910
			Right	9.32	286.07	0.04	0.557	0.758	9799.280
L9	SA-2	DY MIN	Left	-9.38	-286.07	-0.04	-0.538	-0.684	-9652.910
			Right	-9.32	-286.07	-0.04	-0.557	-0.758	-9799.280

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SA-3	DEAD	Left	-2.14	10.10	0.00	-0.001	0.000	435.342
			Right	-2.14	17.53	0.00	-0.001	0.000	-514.097
L9	SA-3	TORX	Left	0.94	-14.52	0.00	-0.052	-0.006	-487.963
			Right	0.94	-14.52	0.00	-0.052	0.000	499.530
L9	SA-3	TORY	Left	1.15	-17.61	0.00	-0.063	-0.007	-591.847
			Right	1.15	-17.61	0.00	-0.064	0.000	605.859
L9	SA-3	DX MAX	Left	8.50	126.80	0.38	8.506	6.243	4274.905
			Right	8.53	126.80	0.37	8.083	7.101	4347.514
L9	SA-3	DX MIN	Left	-8.50	-126.80	-0.38	-8.506	-6.243	-4274.905
			Right	-8.53	-126.80	-0.37	-8.083	-7.101	-4347.514
L9	SA-3	DY MAX	Left	20.76	312.23	0.04	1.088	0.680	10472.028
			Right	20.77	312.23	0.03	1.219	0.420	10759.016
L9	SA-3	DY MIN	Left	-20.76	-312.23	-0.04	-1.088	-0.680	-10472.028
			Right	-20.77	-312.23	-0.03	-1.219	-0.420	-10759.016
L9	SA-5	DEAD	Left	-1.26	-10.55	0.00	-0.001	0.000	-262.382
			Right	-1.26	-3.11	0.00	-0.001	0.000	202.196
L9	SA-5	TORX	Left	-0.44	-9.29	0.00	-0.055	-0.001	-313.340
			Right	-0.44	9.29	0.00	-0.055	0.005	318.247
L9	SA-5	TORY	Left	-0.54	-11.26	0.00	-0.067	-0.001	-379.870
			Right	-0.54	-11.26	0.00	-0.067	0.006	385.833
L9	SA-5	DX MAX	Left	3.00	58.03	0.38	10.777	7.193	1954.309
			Right	3.01	58.03	0.36	11.075	6.019	1991.494
L9	SA-5	DX MIN	Left	-3.00	-58.03	-0.38	-10.777	-7.193	-1954.309
			Right	-3.01	-58.03	-0.36	-11.075	-6.019	-1991.494
L9	SA-5	DY MAX	Left	10.36	217.57	0.04	0.420	0.420	7346.644
			Right	10.40	217.57	0.04	0.272	0.452	7448.008
L9	SA-5	DY MIN	Left	-10.36	-217.57	-0.04	-0.420	-0.420	-7346.644
			Right	-10.40	-217.57	-0.04	-0.272	-0.452	-7448.008

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SA-6	DEAD	Left	-1.58	-12.63	0.00	-0.001	0.000	-335.980
			Right	-1.58	-5.30	0.00	-0.001	0.000	370.301
L9	SA-6	TORX	Left	-0.46	-14.48	0.00	-0.052	-0.002	-490.354
			Right	-0.46	-14.48	0.00	-0.052	0.006	494.328
L9	SA-6	TORY	Left	-0.56	-17.56	0.00	-0.063	-0.002	-594.656
			Right	-0.56	-17.56	0.00	-0.063	0.007	599.478
L9	SA-6	DX MAX	Left	4.15	102.69	0.37	9.917	6.169	3468.068
			Right	4.17	102.69	0.36	9.394	5.742	3515.065
L9	SA-6	DX MIN	Left	-4.15	-102.69	-0.37	-9.917	-6.169	-3468.068
			Right	-4.17	-102.69	-0.36	-9.394	-5.742	-3515.065
L9	SA-6	DY MAX	Left	9.45	322.34	0.04	0.888	0.515	10927.600
			Right	9.52	322.34	0.05	0.659	0.673	10991.461
L9	SA-6	DY MIN	Left	-9.45	-322.34	-0.04	-0.888	-0.515	-10927.600
			Right	-9.52	-322.34	-0.05	-0.659	-0.673	-10991.461
L9	SA-7	DEAD	Left	-1.97	-11.83	0.00	0.000	0.000	-315.696
			Right	-1.97	-4.39	0.00	0.000	0.000	235.860
L9	SA-7	TORX	Left	-0.40	-14.29	0.00	-0.051	-0.001	-480.326
			Right	-0.40	-14.29	0.00	-0.051	0.005	481.226
L9	SA-7	TORY	Left	-0.49	-17.30	0.00	-0.062	-0.001	-583.664
			Right	-0.49	-17.30	0.00	-0.062	0.007	582.465
L9	SA-7	DX MAX	Left	5.31	122.52	0.37	6.309	5.772	4194.829
			Right	5.32	122.52	0.36	6.690	4.959	4136.311
L9	SA-7	DX MIN	Left	-5.31	-122.52	-0.37	-6.309	-5.772	-4194.829
			Right	-5.32	-122.52	-0.36	-6.690	-4.959	-4136.311
L9	SA-7	DY MAX	Left	6.47	303.76	0.05	0.779	0.755	10418.222
			Right	6.55	303.76	0.05	0.817	0.806	10237.020
L9	SA-7	DY MIN	Left	-6.47	-303.76	-0.05	-0.779	-0.755	-10418.222
			Right	-6.55	-303.76	-0.05	-0.817	-0.806	-10237.020

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SA-8	DEAD	Left	-2.69	-6.84	0.00	-0.028	0.058	-145.216
			Right	-2.69	1.45	0.00	-0.028	-0.085	46.778
L9	SA-8	TORX	Left	-0.48	-5.34	0.00	-0.033	-0.008	-203.433
			Right	-0.48	-5.34	0.00	-0.033	0.019	191.416
L9	SA-8	TORY	Left	-0.59	-6.34	0.00	-0.040	-0.010	-241.910
			Right	-0.59	-6.34	0.00	-0.040	0.023	227.473
L9	SA-8	DX MAX	Left	10.92	101.57	0.39	4.771	5.972	3855.425
			Right	10.93	101.57	0.40	3.769	6.198	3660.553
L9	SA-8	DX MIN	Left	-10.92	-101.57	-0.39	-4.771	-5.972	-3855.425
			Right	-10.93	-101.57	-0.40	-3.769	-6.198	-3660.553
L9	SA-8	DY MAX	Left	4.61	133.56	0.07	0.790	1.164	5043.462
			Right	4.32	133.56	0.07	0.782	1.154	4839.541
L9	SA-8	DY MIN	Left	-4.61	-133.56	-0.07	-0.790	-1.164	-5043.462
			Right	-4.32	-133.56	-0.07	-0.782	-1.154	-4839.541
L9	SP-1	DEAD	Left	-2.81	-2.23	0.00	-0.029	0.087	17.744
			Right	-2.81	5.87	0.00	-0.029	-0.059	-117.075
L9	SP-1	TORX	Left	-0.54	4.75	0.00	-0.033	-0.017	170.002
			Right	-0.55	4.75	0.00	-0.033	0.007	-101.805
L9	SP-1	TORY	Left	-0.66	5.64	0.00	-0.039	-0.021	201.511
			Right	-0.66	5.64	0.00	-0.040	0.009	-215.691
L9	SP-1	DX MAX	Left	12.02	106.94	0.42	3.822	6.534	3849.403
			Right	12.04	106.94	0.41	4.845	6.326	4063.981
L9	SP-1	DX MIN	Left	-12.02	-106.94	-0.42	-3.822	-6.534	-3849.403
			Right	-12.04	-106.94	-0.41	-4.845	-6.326	-4063.981
L9	SP-1	DY MAX	Left	5.82	133.37	0.06	0.576	1.127	4833.988
			Right	6.04	133.37	0.06	0.469	1.197	5033.440
L9	SP-1	DY MIN	Left	-5.82	-133.37	-0.06	-0.576	-1.127	-4833.988
			Right	-6.04	-133.37	-0.06	-0.469	-1.197	-5033.440

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SP-2	DEAD	Left	-1.55	0.14	0.00	0.000	0.001	95.098
			Right	-1.55	7.58	0.00	-0.001	0.000	-167.116
L9	SP-2	TORX	Left	0.29	13.21	0.00	-0.054	-0.005	442.069
			Right	0.29	13.21	0.00	-0.054	0.002	-458.075
L9	SP-2	TORY	Left	0.34	15.99	0.00	-0.065	-0.007	534.927
			Right	0.34	15.99	0.00	-0.065	0.003	-552.145
L9	SP-2	DX MAX	Left	2.40	127.76	0.38	9.533	5.192	4301.948
			Right	2.37	127.76	0.38	9.544	6.526	4385.854
L9	SP-2	DX MIN	Left	-2.40	-127.76	-0.38	-9.533	-5.192	-4301.948
			Right	-2.37	-127.76	-0.38	-9.544	-6.526	-4385.854
L9	SP-2	DY MAX	Left	9.74	291.04	0.05	1.111	0.743	9736.663
			Right	9.26	291.04	0.04	1.297	0.527	10054.082
L9	SP-2	DY MIN	Left	-9.74	-291.04	-0.05	-1.111	-0.743	-9736.663
			Right	-9.26	-291.04	-0.04	-1.297	-0.527	-10054.082
L9	SP-3	DEAD	Left	1.58	-1.75	0.00	-0.001	0.000	3.779
			Right	-6.99	5.19	0.00	0.000	0.000	-84.377
L9	SP-3	TORX	Left	9.29	3.91	0.00	-0.040	-0.011	99.355
			Right	-10.25	3.91	0.00	-0.038	0.007	-100.348
L9	SP-3	TORY	Left	11.26	4.74	0.00	-0.048	-0.013	120.457
			Right	-12.42	4.74	0.00	-0.046	0.009	-121.659
L9	SP-3	DX MAX	Left	72.87	31.20	0.18	5.020	3.601	790.959
			Right	82.65	31.20	0.16	5.598	3.248	806.250
L9	SP-3	DX MIN	Left	-72.87	-31.20	-0.18	-5.020	-3.601	-790.959
			Right	-82.65	-31.20	-0.16	-5.598	-3.248	-806.250
L9	SP-3	DY MAX	Left	229.66	88.02	0.02	0.451	0.277	2238.268
			Right	229.86	88.02	0.03	0.245	0.339	2258.075
L9	SP-3	DY MIN	Left	-229.66	-88.02	-0.03	-0.451	-0.277	-2238.268
			Right	-229.86	-88.02	-0.03	-0.245	-0.339	-2258.075

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SP-4	DEAD	Left	-1.36	4.94	0.00	0.000	0.000	275.060
			Right	-1.36	12.38	0.00	-0.001	0.000	-314.005
L9	SP-4	TORX	Left	-0.79	11.31	0.00	-0.053	-0.008	397.539
			Right	-0.79	11.31	0.00	-0.053	0.002	-371.240
L9	SP-4	TORY	Left	-0.95	13.71	0.00	-0.064	-0.009	482.272
			Right	-0.95	13.71	0.00	-0.065	0.002	-450.284
L9	SP-4	DX MAX	Left	6.24	87.07	0.37	11.743	6.582	3073.065
			Right	6.27	87.07	0.39	11.408	7.245	2847.519
L9	SP-4	DX MIN	Left	-6.24	-87.07	-0.37	-11.743	-6.582	-3073.065
			Right	-6.27	-87.07	-0.39	-11.408	-7.245	-2847.519
L9	SP-4	DY MAX	Left	18.53	268.44	0.03	0.856	0.429	9418.534
			Right	18.63	268.44	0.04	0.750	0.578	8835.332
L9	SP-4	DY MIN	Left	-18.53	-268.44	-0.03	-0.856	-0.429	-9418.534
			Right	-18.63	-268.44	-0.04	-0.750	-0.578	-8835.332
L9	SP-5	DEAD	Left	-1.23	-9.73	0.00	-0.001	0.000	-234.719
			Right	-1.23	-2.29	0.00	-0.001	0.000	173.884
L9	SP-5	TORX	Left	0.44	9.80	0.00	-0.055	-0.001	330.547
			Right	0.44	9.80	0.00	-0.055	0.005	-326.091
L9	SP-5	TORY	Left	0.53	11.89	0.00	-0.067	-0.001	400.781
			Right	0.53	11.89	0.00	-0.067	0.006	-407.516
L9	SP-5	DX MAX	Left	3.19	58.69	0.38	10.733	7.190	1977.566
			Right	3.19	58.69	0.36	11.031	6.020	2013.159
L9	SP-5	DX MIN	Left	-3.19	-58.69	-0.38	-10.733	-7.190	-1977.566
			Right	-3.19	-58.69	-0.36	-11.031	-6.020	-2013.159
L9	SP-5	DY MAX	Left	11.17	238.97	0.04	0.875	0.625	8066.711
			Right	11.19	238.97	0.04	1.023	0.388	8182.809
L9	SP-5	DY MIN	Left	-11.17	-238.97	-0.04	-0.875	-0.625	-8066.711
			Right	-11.19	-238.97	-0.04	-1.023	-0.388	-8182.809

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SP-6	DEAD	Left	-1.56	-11.22	0.00	-0.001	0.000	-288.335
			Right	-1.56	-3.79	0.00	-0.001	0.000	221.953
L9	SP-6	TORX	Left	0.46	15.45	0.00	-0.053	-0.002	523.076
			Right	0.46	15.45	0.00	-0.053	0.006	-527.755
L9	SP-6	TORY	Left	0.56	18.74	0.00	-0.063	-0.002	634.417
			Right	0.56	18.74	0.00	-0.063	0.007	-640.096
L9	SP-6	DX MAX	Left	4.28	103.45	0.37	8.914	6.170	3461.409
			Right	4.28	103.45	0.36	9.391	5.739	3505.366
L9	SP-6	DX MIN	Left	-4.28	-103.45	-0.37	-8.914	-6.170	-3461.409
			Right	-4.28	-103.45	-0.36	-9.391	-5.739	-3505.366
L9	SP-6	DY MAX	Left	10.41	357.75	0.04	0.628	0.460	12124.166
			Right	10.49	357.75	0.05	0.463	0.508	12202.373
L9	SP-6	DY MIN	Left	-10.41	-357.75	-0.04	-0.628	-0.460	-12124.166
			Right	-10.49	-357.75	-0.05	-0.463	-0.508	-12202.373
L9	SP-7	DEAD	Left	-1.94	-10.28	0.00	-0.001	0.000	-262.709
			Right	-1.94	-2.84	0.00	-0.001	0.001	183.503
L9	SP-7	TORX	Left	0.42	15.33	0.00	-0.051	-0.001	525.905
			Right	0.42	15.33	0.00	-0.051	0.005	-516.363
L9	SP-7	TORY	Left	0.52	18.56	0.00	-0.062	-0.001	636.910
			Right	0.52	18.56	0.00	-0.062	0.007	-625.175
L9	SP-7	DX MAX	Left	5.30	121.15	0.37	6.290	5.770	4148.592
			Right	5.30	121.15	0.36	6.673	4.960	4089.647
L9	SP-7	DX MIN	Left	-5.30	-121.15	-0.37	-6.290	-5.770	-4148.592
			Right	-5.30	-121.15	-0.36	-6.673	-4.960	-4089.647
L9	SP-7	DY MAX	Left	7.60	340.38	0.05	1.830	0.569	11673.820
			Right	7.71	340.38	0.06	1.558	0.967	11472.756
L9	SP-7	DY MIN	Left	-7.60	-340.38	-0.05	-1.830	-0.569	-11673.820
			Right	-7.71	-340.38	-0.06	-1.558	-0.967	-11472.756

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L9	SP-8	DEAD	Left	-2.66	-5.33	0.00	0.030	-0.058	-95.513
			Right	-2.66	2.77	0.00	0.030	0.087	-0.765
L9	SP-8	TORX	Left	0.51	6.12	0.00	-0.032	-0.008	233.152
			Right	0.51	6.12	0.00	-0.031	0.019	-219.776
L9	SP-8	TORY	Left	0.62	7.30	0.00	-0.039	-0.010	278.061
			Right	0.62	7.30	0.00	-0.038	0.023	-261.971
L9	SP-8	DX MAX	Left	10.74	98.89	0.39	4.772	5.974	3754.526
			Right	10.75	98.89	0.40	3.771	6.193	3563.098
L9	SP-8	DX MIN	Left	-10.74	-98.89	-0.39	-4.772	-5.974	-3754.526
			Right	-10.75	-98.89	-0.40	-3.771	-6.193	-3563.098
L9	SP-8	DY MAX	Left	5.76	157.90	0.07	0.468	1.577	5964.103
			Right	5.50	157.90	0.07	0.738	1.390	5718.598
L9	SP-8	DY MIN	Left	-5.76	-157.90	-0.07	-0.468	-1.577	-5964.103
			Right	-5.50	-157.90	-0.07	-0.738	-1.390	-5718.598
L8	S1-1	DEAD	Left	-9.39	-3.18	0.00	-0.046	-0.205	48.471
			Right	-9.39	12.63	0.00	-0.046	0.082	-300.169
L8	S1-1	TORX	Left	1.02	-24.17	0.00	-0.072	0.009	-897.970
			Right	1.02	-24.17	0.00	-0.074	0.034	890.576
L8	S1-1	TORY	Left	1.24	-28.97	0.00	-0.087	0.010	-1076.349
			Right	1.24	-28.97	0.00	-0.090	0.041	1067.540
L8	S1-1	DX MAX	Left	3.65	557.84	0.06	0.726	1.155	20808.357
			Right	3.89	557.84	0.06	0.782	0.965	20463.639
L8	S1-1	DX MIN	Left	-3.65	-557.84	-0.06	-0.726	-1.155	-20808.357
			Right	-3.89	-557.84	-0.06	-0.782	-0.965	-20463.639
L8	S1-1	DY MAX	Left	28.03	331.65	0.59	8.716	9.951	12261.156
			Right	28.01	331.65	0.59	5.901	10.256	12283.019
L8	S1-1	DY MIN	Left	-28.03	-331.65	-0.59	-8.716	-9.951	-12261.156
			Right	-28.01	-331.65	-0.59	-5.901	-10.256	-12283.019

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S1-2	DEAD	Left	-6.98	1.47	0.00	-0.002	-0.006	249.381
			Right	-6.98	15.99	0.00	-0.003	-0.004	-344.294
L8	S1-2	TORX	Left	-0.82	-25.71	0.00	-0.088	0.006	-1010.171
			Right	-0.82	-25.71	0.00	-0.090	0.026	739.189
L8	S1-2	TORY	Left	-0.98	-31.08	0.00	-0.107	0.008	-1221.386
			Right	-0.98	-31.08	0.00	-0.109	0.031	892.389
L8	S1-2	DX MAX	Left	34.37	591.77	0.05	0.811	0.770	23401.048
			Right	33.88	591.77	0.05	0.636	0.817	16840.736
L8	S1-2	DX MIN	Left	-34.37	-591.77	-0.05	-0.811	-0.770	-23401.048
			Right	-33.88	-591.77	-0.05	-0.636	-0.817	-16840.736
L8	S1-2	DY MAX	Left	8.32	202.76	0.53	6.126	8.602	7794.654
			Right	8.29	202.76	0.53	8.216	8.661	5993.677
L8	S1-2	DY MIN	Left	-8.32	-202.76	-0.53	-6.126	-8.602	-7794.654
			Right	-8.29	-202.76	-0.53	-8.216	-8.661	-5993.677
L8	S1-3	DEAD	Left	-6.37	3.61	0.00	-0.002	-0.004	274.519
			Right	-6.37	18.13	0.00	-0.002	-0.003	-484.529
L8	S1-3	TORX	Left	2.41	-20.01	0.00	-0.089	0.003	-619.199
			Right	2.41	-20.01	0.00	-0.089	0.022	741.233
L8	S1-3	TORY	Left	2.93	-24.23	0.00	-0.107	0.004	-749.922
			Right	2.93	-24.23	0.00	-0.108	0.027	897.512
L8	S1-3	DX MAX	Left	49.61	484.44	0.05	0.653	0.785	15189.260
			Right	49.77	484.44	0.05	0.545	0.815	17749.007
L8	S1-3	DX MIN	Left	-49.61	-484.44	-0.05	-0.653	-0.785	-15189.260
			Right	-49.77	-484.44	-0.05	-0.545	-0.815	-17749.007
L8	S1-3	DY MAX	Left	23.05	132.38	0.54	6.485	8.491	3934.025
			Right	23.02	132.38	0.53	9.013	8.165	5069.828
L8	S1-3	DY MIN	Left	-23.05	-132.38	-0.54	-6.485	-8.491	-3934.025
			Right	-23.02	-132.38	-0.53	-9.013	-8.165	-5069.828

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S1-4	DEAD	Left	-5.07	1.58	0.00	-0.001	-0.004	314.015
			Right	-5.07	16.11	0.00	-0.002	-0.004	-387.478
L8	S1-4	TORX	Left	2.41	-11.21	0.00	-0.081	0.001	-318.180
			Right	2.41	-11.21	0.00	-0.082	0.021	444.189
L8	S1-4	TORY	Left	2.92	-13.55	0.00	-0.098	0.001	-384.467
			Right	2.92	-13.55	0.00	-0.100	0.026	536.883
L8	S1-4	DX MAX	Left	56.74	285.05	0.04	0.599	0.790	8196.301
			Right	56.90	285.05	0.04	0.580	0.803	11183.878
L8	S1-4	DX MIN	Left	-56.74	-285.05	-0.04	-0.599	-0.790	-8196.301
			Right	-56.90	-285.05	-0.04	-0.580	-0.802	-11183.878
L8	S1-4	DY MAX	Left	17.80	65.25	0.54	7.360	8.207	1779.783
			Right	17.78	65.25	0.53	8.309	8.008	2658.289
L8	S1-4	DY MIN	Left	-17.80	-65.25	-0.54	-7.360	-8.207	-1779.783
			Right	-17.78	-65.25	-0.53	-8.309	-8.008	-2658.289
L8	S1-5	DEAD	Left	-5.23	-16.83	0.00	-0.001	-0.003	-416.589
			Right	-5.23	-2.31	0.00	-0.002	-0.002	234.116
L8	S1-5	TORX	Left	-2.44	-11.50	0.00	-0.083	-0.019	-453.603
			Right	-2.44	-11.50	0.00	-0.081	0.001	328.209
L8	S1-5	TORY	Left	-2.96	-13.90	0.00	-0.101	-0.022	-548.373
			Right	-2.96	-13.90	0.00	-0.098	0.002	396.650
L8	S1-5	DX MAX	Left	55.08	280.45	0.04	0.447	0.821	10944.902
			Right	54.93	280.45	0.04	0.643	0.778	8122.794
L8	S1-5	DX MIN	Left	-55.08	-280.45	-0.04	-0.447	-0.821	-10944.902
			Right	-54.93	-280.45	-0.04	-0.643	-0.778	-8122.794
L8	S1-5	DY MAX	Left	24.97	107.50	0.54	8.584	8.539	4305.165
			Right	24.93	107.50	0.56	7.552	8.651	3004.275
L8	S1-5	DY MIN	Left	-24.97	-107.50	-0.54	-8.584	-8.539	-4305.165
			Right	-24.93	-107.50	-0.56	-7.552	-8.651	-3004.275

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S1-6	DEAD	Left	-6.67	-19.77	0.00	-0.001	-0.003	-532.457
			Right	-6.67	-5.25	0.00	-0.002	-0.002	318.346
L8	S1-6	TORX	Left	-2.64	-20.67	0.00	-0.090	-0.020	-773.914
			Right	-2.64	-20.67	0.00	-0.087	-0.001	631.507
L8	S1-6	TORY	Left	-3.20	-35.03	0.00	-0.109	-0.024	-937.287
			Right	-3.20	-35.03	0.00	-0.106	-0.001	765.006
L8	S1-6	DX MAX	Left	51.78	476.95	0.04	0.410	0.787	17636.951
			Right	51.61	476.95	0.04	0.695	0.736	14792.628
L8	S1-6	DX MIN	Left	-51.78	-476.95	-0.04	-0.410	-0.787	-17636.951
			Right	-51.61	-476.95	-0.04	-0.695	-0.736	-14792.628
L8	S1-6	DY MAX	Left	31.77	201.58	0.55	8.968	8.479	7723.772
			Right	31.73	201.58	0.56	6.869	8.908	5983.873
L8	S1-6	DY MIN	Left	-31.77	-201.58	-0.55	-8.968	-8.479	-7723.772
			Right	-31.73	-201.58	-0.56	-6.869	-8.908	-5983.873
L8	S1-7	DEAD	Left	-6.80	-18.64	0.00	0.000	-0.003	-419.702
			Right	-6.80	-4.12	0.00	-0.001	-0.005	354.215
L8	S1-7	TORX	Left	0.91	-26.57	0.00	-0.090	-0.023	-758.902
			Right	0.91	-26.57	0.00	-0.087	-0.004	1047.773
L8	S1-7	TORY	Left	1.09	-32.13	0.00	-0.109	-0.028	-917.736
			Right	1.09	-32.13	0.00	-0.106	-0.005	1267.241
L8	S1-7	DX MAX	Left	34.90	577.35	0.04	0.515	0.768	16310.597
			Right	35.38	577.35	0.04	0.676	0.717	22951.257
L8	S1-7	DX MIN	Left	-34.90	-577.35	-0.04	-0.515	-0.768	-16310.597
			Right	-35.38	-577.35	-0.04	-0.676	-0.717	-22951.257
L8	S1-7	DY MAX	Left	7.76	296.74	0.55	8.018	9.121	8643.804
			Right	7.84	296.74	0.55	6.671	8.935	11534.340
L8	S1-7	DY MIN	Left	-7.76	-296.74	-0.55	-8.018	-9.121	-8643.804
			Right	-7.84	-296.74	-0.55	-6.671	-8.935	-11534.340

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S1-8	DEAD	Left	-9.48	-18.73	0.00	0.048	0.084	-525.312
			Right	-9.48	-2.93	0.00	0.047	-0.205	376.268
L8	S1-8	TORX	Left	-1.08	-26.32	0.00	-0.071	-0.031	-970.890
			Right	-1.08	-26.32	0.00	-0.067	-0.010	976.570
L8	S1-8	TORY	Left	-1.31	-31.59	0.00	-0.086	-0.037	-1165.287
			Right	-1.31	-31.59	0.00	-0.082	-0.011	1172.035
L8	S1-8	DX MAX	Left	3.89	541.75	0.05	0.574	0.924	19875.943
			Right	3.56	541.75	0.05	0.738	1.036	20306.055
L8	S1-8	DX MIN	Left	-3.89	-541.75	-0.05	-0.574	-0.924	-19875.943
			Right	-3.56	-541.75	-0.05	-0.738	-1.036	-20306.055
L8	S1-8	DY MAX	Left	30.24	456.86	0.61	6.319	10.663	16911.407
			Right	30.22	456.86	0.61	9.013	10.416	16896.046
L8	S1-8	DY MIN	Left	-30.24	-456.86	-0.61	-6.319	-10.663	-16911.407
			Right	-30.22	-456.86	-0.61	-9.013	-10.416	-16896.046
L8	S12-1	DEAD	Left	-9.35	-0.54	0.00	0.043	0.191	146.932
			Right	-9.35	15.24	0.00	0.043	-0.088	-397.493
L8	S12-1	TORX	Left	-1.01	24.59	0.00	-0.071	0.008	913.860
			Right	-1.01	24.59	0.00	-0.074	0.034	-905.965
L8	S12-1	TORY	Left	-1.23	29.49	0.00	-0.087	0.009	1095.698
			Right	-1.23	29.49	0.00	-0.090	0.042	-1086.274
L8	S12-1	DX MAX	Left	4.57	589.04	0.06	0.807	1.008	21973.410
			Right	4.77	589.04	0.06	0.583	1.026	21607.811
L8	S12-1	DX MIN	Left	-4.57	-589.04	-0.06	-0.807	-1.008	-21973.410
			Right	-4.77	-589.04	-0.06	-0.583	-1.026	-21607.811
L8	S12-1	DY MAX	Left	27.64	321.23	0.58	9.710	9.958	11876.916
			Right	27.63	321.23	0.59	5.904	10.248	11895.957
L8	S12-1	DY MIN	Left	-27.64	-321.23	-0.58	-9.710	-9.958	-11876.916
			Right	-27.63	-321.23	-0.59	-5.904	-10.248	-11895.957

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S12-2	DEAD	Left	-6.90	2.40	0.00	0.000	-0.003	285.952
			Right	-6.90	16.92	0.00	-0.001	-0.004	-371.205
L8	S12-2	TORX	Left	0.85	26.21	0.00	-0.088	0.006	1029.922
			Right	0.85	26.21	0.00	-0.090	0.026	-752.074
L8	S12-2	TORY	Left	1.02	31.69	0.00	-0.107	0.007	1245.415
			Right	1.02	31.69	0.00	-0.109	0.031	-909.283
L8	S12-2	DX MAX	Left	34.48	612.69	0.05	0.701	0.775	24221.848
			Right	33.95	612.69	0.05	0.626	0.816	17442.740
L8	S12-2	DX MIN	Left	-34.48	-612.69	-0.05	-0.701	-0.775	-24221.848
			Right	-33.95	-612.69	-0.05	-0.626	-0.816	-17442.740
L8	S12-2	DY MAX	Left	8.30	196.81	0.53	6.132	8.601	7565.303
			Right	8.27	196.81	0.53	8.202	8.663	5818.530
L8	S12-2	DY MIN	Left	-8.30	-196.81	-0.53	-6.132	-8.601	-7565.303
			Right	-8.27	-196.81	-0.53	-8.202	-8.663	-5818.530
L8	S12-3	DEAD	Left	-6.43	4.07	0.00	-0.002	-0.004	287.931
			Right	-6.43	18.59	0.00	-0.002	-0.003	-482.515
L8	S12-3	TORX	Left	-2.46	20.41	0.00	-0.088	0.003	631.672
			Right	-2.46	20.41	0.00	-0.089	0.032	-755.931
L8	S12-3	TORY	Left	-2.98	24.71	0.00	-0.106	0.004	765.111
			Right	-2.98	24.71	0.00	-0.108	0.036	-915.406
L8	S12-3	DX MAX	Left	52.35	498.12	0.05	0.645	0.776	15593.853
			Right	52.52	498.12	0.05	0.529	0.808	18274.728
L8	S12-3	DX MIN	Left	-52.35	-498.12	-0.05	-0.645	-0.776	-15593.853
			Right	-52.52	-498.12	-0.05	-0.529	-0.808	-18274.728
L8	S12-3	DY MAX	Left	22.45	129.11	0.54	6.484	8.494	3839.901
			Right	22.43	129.11	0.53	9.015	8.169	4941.634
L8	S12-3	DY MIN	Left	-22.45	-129.11	-0.54	-6.484	-8.494	-3839.901
			Right	-22.43	-129.11	-0.53	-9.015	-8.169	-4941.634

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S12-4	DEAD	Left	-5.13	3.02	0.00	-0.001	-0.004	226.557
			Right	-5.13	16.54	0.00	-0.002	-0.004	-404.522
L8	S12-4	TORX	Left	-2.46	11.46	0.00	-0.081	0.001	325.443
			Right	-2.46	11.46	0.00	-0.082	0.021	-454.097
L8	S12-4	TORY	Left	-2.98	13.86	0.00	-0.098	0.001	393.313
			Right	-2.98	13.86	0.00	-0.100	0.026	-548.950
L8	S12-4	DX MAX	Left	59.23	293.54	0.04	0.638	0.787	8431.901
			Right	59.40	293.54	0.04	0.492	0.812	11525.315
L8	S12-4	DX MIN	Left	-59.23	-293.54	-0.04	-0.638	-0.787	-8431.901
			Right	-59.40	-293.54	-0.04	-0.492	-0.812	-11525.315
L8	S12-4	DY MAX	Left	17.31	63.48	0.54	7.345	8.209	1732.081
			Right	17.29	63.48	0.53	8.314	8.008	2586.010
L8	S12-4	DY MIN	Left	-17.31	-63.48	-0.54	-7.345	-8.209	-1732.081
			Right	-17.29	-63.48	-0.53	-8.314	-8.008	-2586.010
L8	S12-5	DEAD	Left	-4.77	-14.21	0.00	-0.001	-0.003	-313.687
			Right	-4.77	0.31	0.00	-0.002	-0.002	158.970
L8	S12-5	TORX	Left	2.45	11.63	0.00	-0.083	-0.018	458.469
			Right	2.45	11.63	0.00	-0.081	0.001	-332.530
L8	S12-5	TORY	Left	2.97	14.06	0.00	-0.101	-0.022	554.339
			Right	2.97	14.06	0.00	-0.098	0.002	-401.947
L8	S12-5	DX MAX	Left	57.83	291.22	0.04	0.588	0.795	11373.592
			Right	57.67	291.22	0.04	0.547	0.785	8426.266
L8	S12-5	DX MIN	Left	-57.83	-291.22	-0.04	-0.588	-0.795	-11373.592
			Right	-57.67	-291.22	-0.04	-0.547	-0.785	-8426.266
L8	S12-5	DY MAX	Left	22.98	99.61	0.54	8.582	8.543	3985.306
			Right	22.94	99.61	0.56	7.568	8.651	2788.146
L8	S12-5	DY MIN	Left	-22.98	-99.61	-0.54	-8.582	-8.543	-3985.306
			Right	-22.94	-99.61	-0.56	-7.568	-8.651	-2788.146

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S12-6	DEAD							
			Left	-6.24	-15.30	0.00	-0.001	-0.003	-364.898
			Right	-6.24	-0.77	0.00	-0.002	-0.002	181.501
L8	S12-6	TORX							
			Left	2.61	20.80	0.00	-0.090	-0.020	777.960
			Right	2.61	20.80	0.00	-0.087	-0.001	-636.749
L8	S12-6	TORY							
			Left	3.16	25.20	0.00	-0.109	-0.024	942.271
			Right	3.16	25.20	0.00	-0.106	-0.001	-771.444
L8	S12-6	DX MAX							
			Left	54.71	495.06	0.04	0.429	0.807	18329.842
			Right	54.53	495.06	0.04	0.652	0.764	15330.900
L8	S12-6	DX MIN							
			Left	-54.71	-495.06	-0.04	-0.429	-0.807	-18329.842
			Right	-54.53	-495.06	-0.04	-0.652	-0.764	-15330.900
L8	S12-6	DY MAX							
			Left	29.02	185.30	0.55	8.968	8.679	7094.925
			Right	28.99	185.30	0.56	6.869	8.907	5505.495
L8	S12-6	DY MIN							
			Left	-29.02	-185.30	-0.55	-8.968	-8.679	-7094.925
			Right	-28.99	-185.30	-0.56	-6.869	-8.907	-5505.495
L8	S12-7	DEAD							
			Left	-7.32	-12.51	0.00	-0.002	-0.003	-245.087
			Right	-7.32	2.01	0.00	-0.003	-0.001	111.886
L8	S12-7	TORX							
			Left	-0.99	26.56	0.00	-0.090	-0.023	757.163
			Right	-0.99	26.56	0.00	-0.087	-0.004	-1048.655
L8	S12-7	TORY							
			Left	-1.19	32.12	0.00	-0.109	-0.028	915.651
			Right	-1.19	32.12	0.00	-0.105	-0.005	-1268.366
L8	S12-7	DX MAX							
			Left	36.03	603.78	0.04	0.461	0.786	17065.172
			Right	36.55	603.78	0.04	0.856	0.703	23993.343
L8	S12-7	DX MIN							
			Left	-36.03	-603.78	-0.04	-0.461	-0.786	-17065.172
			Right	-36.55	-603.78	-0.04	-0.856	-0.703	-23993.343
L8	S12-7	DY MAX							
			Left	7.89	271.95	0.55	8.030	9.121	7910.137
			Right	7.95	271.95	0.55	6.664	8.936	10582.446
L8	S12-7	DY MIN							
			Left	-7.89	-271.95	-0.55	-8.030	-9.121	-7910.137
			Right	-7.95	-271.95	-0.55	-6.664	-8.936	-10582.446

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	S12-8	DEAD							
			Left	-9.53	-11.67	0.00	-0.052	-0.091	-266.269
			Right	-9.53	4.13	0.00	-0.052	0.203	12.544
L8	S12-8	TORX							
			Left	0.95	25.32	0.00	-0.075	-0.033	933.432
			Right	0.95	25.32	0.00	-0.071	-0.004	-939.958
L8	S12-8	TORY							
			Left	1.15	30.37	0.00	-0.091	-0.040	1119.644
			Right	1.15	30.37	0.00	-0.086	-0.004	-1127.427
L8	S12-8	DX MAX							
			Left	4.15	576.42	0.05	0.678	0.894	21150.439
			Right	4.03	576.42	0.05	0.669	0.974	21498.665
L8	S12-8	DX MIN							
			Left	-4.15	-576.42	-0.05	-0.678	-0.894	-21150.439
			Right	-4.03	-576.42	-0.05	-0.669	-0.974	-21498.665
L8	S12-8	DY MAX							
			Left	27.73	414.04	0.61	8.327	10.673	15324.148
			Right	27.72	414.04	0.61	8.994	10.390	15314.729
L8	S12-8	DY MIN							
			Left	-27.73	-414.04	-0.61	-8.327	-10.673	-15324.148
			Right	-27.72	-414.04	-0.61	-8.994	-10.390	-15314.729
L8	SA-1	DEAD							
			Left	-9.14	-3.13	0.00	-0.046	-0.198	53.410
			Right	-9.14	12.68	0.00	-0.046	0.086	-300.186
L8	SA-1	TORX							
			Left	0.92	-23.30	0.00	-0.071	0.001	-866.609
			Right	0.92	-23.30	0.00	-0.073	0.030	857.908
L8	SA-1	TORY							
			Left	1.12	-27.87	0.00	-0.086	0.000	-1036.362
			Right	1.12	-27.87	0.00	-0.089	0.037	1025.988
L8	SA-1	DX MAX							
			Left	28.19	400.55	0.58	8.342	10.002	14820.543
			Right	28.21	400.55	0.59	6.119	10.162	14820.645
L8	SA-1	DX MIN							
			Left	-28.19	-400.55	-0.58	-8.342	-10.002	-14820.543
			Right	-28.21	-400.55	-0.59	-6.119	-10.162	-14820.645
L8	SA-1	DY MAX							
			Left	2.93	525.75	0.07	0.846	1.301	19619.908
			Right	3.19	525.75	0.07	0.897	1.186	19278.035
L8	SA-1	DY MIN							
			Left	-2.93	-525.75	-0.07	-0.846	-1.301	-19619.908
			Right	-3.19	-525.75	-0.07	-0.897	-1.186	-19278.035

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SA-2	DEAD							
			Left	-6.10	5.16	0.00	-0.002	-0.002	409.113
			Right	-6.10	19.68	0.00	-0.003	0.001	-435.416
L8	SA-2	TORX							
			Left	-0.84	-27.35	0.00	-0.087	0.002	-1070.376
			Right	-0.84	-27.35	0.00	-0.088	0.021	789.235
L8	SA-2	TORY							
			Left	-0.75	-33.05	0.00	-0.105	0.002	-1293.603
			Right	-0.75	-33.05	0.00	-0.107	0.026	953.668
L8	SA-2	DX MAX							
			Left	6.87	265.80	0.54	5.746	8.475	10228.524
			Right	6.85	265.80	0.53	8.475	8.376	7845.927
L8	SA-2	DX MIN							
			Left	-6.87	-265.80	-0.54	-5.746	-8.475	-10228.524
			Right	-6.85	-265.80	-0.53	-8.475	-8.376	-7845.927
L8	SA-2	DY MAX							
			Left	28.35	568.21	0.05	0.738	0.860	22358.322
			Right	27.73	568.21	0.06	0.673	0.912	16279.861
L8	SA-2	DY MIN							
			Left	-28.35	-568.21	-0.05	-0.738	-0.860	-22358.322
			Right	-27.73	-568.21	-0.06	-0.673	-0.912	-16279.861
L8	SA-3	DEAD							
			Left	-4.37	8.70	0.00	-0.002	0.000	568.379
			Right	-4.37	23.22	0.00	-0.002	0.001	-516.631
L8	SA-3	TORX							
			Left	2.26	-21.06	0.00	-0.089	0.000	-709.449
			Right	2.26	-21.06	0.00	-0.090	0.017	722.701
L8	SA-3	TORY							
			Left	2.74	-25.50	0.00	-0.108	0.000	-859.417
			Right	2.74	-25.50	0.00	-0.110	0.021	874.722
L8	SA-3	DX MAX							
			Left	25.79	173.67	0.56	5.673	8.354	5637.683
			Right	25.82	173.67	0.50	8.168	7.642	6182.584
L8	SA-3	DX MIN							
			Left	-25.79	-173.67	-0.56	-5.673	-8.354	-5637.683
			Right	-25.82	-173.67	-0.50	-8.168	-7.642	-6182.584
L8	SA-3	DY MAX							
			Left	41.57	445.78	0.05	0.641	0.857	15167.980
			Right	41.75	445.78	0.05	0.791	0.816	15160.105
L8	SA-3	DY MIN							
			Left	-41.57	-445.78	-0.05	-0.641	-0.857	-15167.980
			Right	-41.75	-445.78	-0.05	-0.791	-0.816	-15160.105

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SA-4	DEAD							
			Left	-4.07	26.15	0.00	-0.001	0.000	1382.470
			Right	-4.07	40.67	0.00	-0.002	0.001	-989.163
L8	SA-4	TORX							
			Left	2.61	-19.94	0.00	-0.086	-0.009	-747.732
			Right	2.61	-19.94	0.00	-0.087	0.027	608.255
L8	SA-4	TORY							
			Left	3.16	-24.16	0.00	-0.104	-0.011	-906.048
			Right	3.16	-24.16	0.00	-0.105	0.032	737.045
L8	SA-4	DX MAX							
			Left	23.26	152.58	0.55	9.764	8.125	5569.917
			Right	23.30	152.58	0.53	7.395	7.478	4805.989
L8	SA-4	DX MIN							
			Left	-23.26	-152.58	-0.55	-9.764	-8.125	-5569.917
			Right	-23.30	-152.58	-0.53	-7.395	-7.478	-4805.989
L8	SA-4	DY MAX							
			Left	55.21	454.57	0.05	0.705	0.774	17246.679
			Right	55.38	454.57	0.05	0.871	0.709	13678.541
L8	SA-4	DY MIN							
			Left	-55.21	-454.57	-0.05	-0.705	-0.774	-17246.679
			Right	-55.38	-454.57	-0.05	-0.871	-0.709	-13678.541
L8	SA-5	DEAD							
			Left	-5.24	-17.69	0.00	-0.001	0.001	-448.082
			Right	-5.24	-3.17	0.00	-0.002	0.001	261.274
L8	SA-5	TORX							
			Left	-2.55	-11.88	0.00	-0.082	-0.016	-469.022
			Right	-2.55	-11.88	0.00	-0.081	0.004	340.020
L8	SA-5	TORY							
			Left	-3.09	-14.35	0.00	-0.099	-0.019	-565.193
			Right	-3.09	-14.35	0.00	-0.098	0.005	410.474
L8	SA-5	DX MAX							
			Left	19.56	81.15	0.52	8.400	7.968	3266.769
			Right	19.58	81.15	0.53	7.198	8.183	3252.484
L8	SA-5	DX MIN							
			Left	-19.56	-81.15	-0.52	-8.400	-7.968	-3266.769
			Right	-19.58	-81.15	-0.53	-7.198	-8.183	-3252.484
L8	SA-5	DY MAX							
			Left	55.94	275.90	0.05	0.651	1.018	10775.749
			Right	55.84	275.90	0.05	0.713	0.984	7982.432
L8	SA-5	DY MIN							
			Left	-55.94	-275.90	-0.05	-0.651	-1.018	-10775.749
			Right	-55.84	-275.90	-0.05	-0.713	-0.984	-7982.432

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SA-6	DEAD	Left	-6.60	-20.61	0.00	-0.001	0.001	-560.203
			Right	-6.60	-6.09	0.00	-0.002	0.001	347.513
L8	SA-6	TORX	Left	-2.67	-21.58	0.00	-0.089	-0.017	-804.320
			Right	-2.67	-21.58	0.00	-0.088	0.002	683.418
L8	SA-6	TORY	Left	-3.24	-26.12	0.00	-0.108	-0.021	-973.350
			Right	-3.24	-26.12	0.00	-0.106	0.002	803.107
L8	SA-6	DX MAX	Left	25.92	155.86	0.52	8.645	8.153	6005.248
			Right	25.94	155.86	0.53	6.746	8.425	4594.884
L8	SA-6	DX MIN	Left	-25.92	-155.86	-0.52	-8.645	-8.153	-6005.248
			Right	-25.94	-155.86	-0.53	-6.746	-8.425	-4594.884
L8	SA-6	DY MAX	Left	52.52	469.09	0.06	0.565	1.056	17370.598
			Right	52.39	469.09	0.06	0.956	0.978	14524.582
L8	SA-6	DY MIN	Left	-52.52	-469.09	-0.06	-0.565	-1.056	-17370.598
			Right	-52.39	-469.09	-0.06	-0.956	-0.978	-14524.582
L8	SA-7	DEAD	Left	-6.57	-19.17	0.00	0.000	0.001	-431.728
			Right	-6.57	-4.65	0.00	-0.001	0.000	378.204
L8	SA-7	TORX	Left	0.95	-26.75	0.00	-0.089	-0.020	-761.271
			Right	0.95	-26.75	0.00	-0.088	-0.001	1057.672
L8	SA-7	TORY	Left	1.13	-32.31	0.00	-0.108	-0.025	-919.470
			Right	1.13	-32.31	0.00	-0.106	-0.001	1277.701
L8	SA-7	DX MAX	Left	7.37	236.04	0.52	7.441	8.532	6898.379
			Right	7.37	236.04	0.52	6.474	8.349	9153.384
L8	SA-7	DX MIN	Left	-7.37	-236.04	-0.52	-7.441	-8.532	-6898.379
			Right	-7.37	-236.04	-0.52	-6.474	-8.349	-9153.384
L8	SA-7	DY MAX	Left	33.97	570.07	0.07	0.663	1.053	16095.815
			Right	34.43	570.07	0.06	0.965	0.985	22671.291
L8	SA-7	DY MIN	Left	-33.97	-570.07	-0.07	-0.663	-1.053	-16095.815
			Right	-34.43	-570.07	-0.06	-0.965	-0.985	-22671.291

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SA-8	DEAD	Left	-9.37	-17.73	0.00	0.045	0.087	-487.469
			Right	-9.37	-1.93	0.00	0.045	-0.199	240.144
L8	SA-8	TORX	Left	-0.86	-22.83	0.00	-0.074	-0.030	-840.378
			Right	-0.86	-22.83	0.00	-0.073	0.001	949.071
L8	SA-8	TORY	Left	-1.05	-27.28	0.00	-0.090	-0.036	-1004.355
			Right	-1.05	-27.28	0.00	-0.087	0.002	1014.727
L8	SA-8	DX MAX	Left	27.22	377.81	0.57	5.974	9.813	13983.673
			Right	27.23	377.81	0.56	8.309	9.640	13975.799
L8	SA-8	DX MIN	Left	-27.22	-377.81	-0.57	-5.974	-9.813	-13983.673
			Right	-27.23	-377.81	-0.56	-8.309	-9.640	-13975.799
L8	SA-8	DY MAX	Left	3.09	528.66	0.08	1.095	1.379	19387.688
			Right	2.65	528.66	0.09	0.936	1.517	19715.335
L8	SA-8	DY MIN	Left	-3.09	-528.66	-0.08	-1.095	-1.379	-19387.688
			Right	-2.65	-528.66	-0.08	-0.936	-1.517	-19715.335
L8	SP-1	DEAD	Left	-9.85	-4.25	0.00	0.048	0.206	3.369
			Right	-9.85	11.56	0.00	0.048	-0.088	-267.067
L8	SP-1	TORX	Left	-1.33	26.04	0.00	-0.070	0.003	959.222
			Right	-1.33	26.04	0.00	-0.073	0.029	-968.037
L8	SP-1	TORY	Left	-1.63	31.18	0.00	-0.086	0.003	1148.133
			Right	-1.63	31.18	0.00	-0.089	0.036	-1158.982
L8	SP-1	DX MAX	Left	31.22	399.54	0.58	8.489	9.983	14706.543
			Right	31.24	399.54	0.59	6.272	10.127	14860.490
L8	SP-1	DX MIN	Left	-31.22	-399.54	-0.58	-8.489	-9.983	-14706.543
			Right	-31.24	-399.54	-0.59	-6.272	-10.127	-14860.490
L8	SP-1	DY MAX	Left	12.38	590.84	0.07	0.833	1.196	21864.837
			Right	12.54	590.84	0.07	0.862	1.105	21848.374
L8	SP-1	DY MIN	Left	-12.38	-590.84	-0.07	-0.833	-1.196	-21864.837
			Right	-12.54	-590.84	-0.07	-0.862	-1.105	-21848.374

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SP-2	DEAD	Left	-5.28	-3.09	0.00	0.000	0.002	159.015
			Right	-5.28	12.43	0.00	-0.001	0.000	-192.413
L8	SP-2	TORX	Left	5.84	19.04	0.00	-0.090	0.003	980.431
			Right	5.84	19.04	0.00	-0.092	0.034	-314.433
L8	SP-2	TORY	Left	7.06	23.00	0.00	-0.109	0.003	1184.739
			Right	7.06	23.00	0.00	-0.112	0.029	-378.960
L8	SP-2	DX MAX	Left	42.53	180.40	0.54	7.096	8.673	8844.668
			Right	42.50	180.40	0.53	7.404	8.910	3427.734
L8	SP-2	DX MIN	Left	-42.53	-180.40	-0.54	-7.096	-8.673	-8844.668
			Right	-42.50	-180.40	-0.53	-7.404	-8.910	-3427.734
L8	SP-2	DY MAX	Left	133.39	397.96	0.05	0.941	0.842	20694.748
			Right	132.99	397.96	0.06	0.591	0.907	6419.509
L8	SP-2	DY MIN	Left	-133.39	-397.96	-0.05	-0.941	-0.842	-20694.748
			Right	-132.99	-397.96	-0.06	-0.591	-0.907	-6419.509
L8	SP-3	DEAD	Left	-0.35	-3.56	0.00	-0.001	0.000	21.354
			Right	-9.36	11.76	0.00	-0.003	0.000	-195.330
L8	SP-3	TORX	Left	10.43	11.93	0.00	-0.075	-0.015	289.635
			Right	-15.96	11.93	0.00	-0.078	0.019	-335.154
L8	SP-3	TORY	Left	12.65	14.45	0.00	-0.090	-0.019	351.035
			Right	-19.33	14.45	0.00	-0.095	0.023	-406.016
L8	SP-3	DX MAX	Left	71.64	91.25	0.04	2.467	1.519	2142.187
			Right	129.81	91.25	0.04	2.332	1.373	2651.089
L8	SP-3	DX MIN	Left	-71.64	-91.25	-0.04	-2.467	-1.519	-2142.187
			Right	-129.81	-91.25	-0.04	-2.332	-1.373	-2651.089
L8	SP-3	DY MAX	Left	233.57	259.48	0.00	0.213	0.097	6349.570
			Right	341.67	259.48	0.00	0.202	0.178	7236.990
L8	SP-3	DY MIN	Left	-233.57	-259.48	0.00	-0.213	-0.097	-6349.570
			Right	-341.67	-259.48	0.00	-0.202	-0.178	-7236.990

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SP-4	DEAD	Left	-6.00	-4.98	0.00	-0.002	0.000	-79.344
			Right	-6.00	9.55	0.00	-0.002	0.001	-234.768
L8	SP-4	TORX	Left	-6.42	7.05	0.00	-0.094	-0.005	8.391
			Right	-6.42	7.05	0.00	-0.095	0.016	-470.800
L8	SP-4	TORY	Left	-7.78	8.50	0.00	-0.102	-0.006	8.958
			Right	-7.78	8.50	0.00	-0.104	0.019	-568.829
L8	SP-4	DX MAX	Left	50.72	47.58	0.53	7.149	8.485	232.425
			Right	50.75	47.58	0.53	8.184	8.405	3424.172
L8	SP-4	DX MIN	Left	-50.72	-47.58	-0.53	-7.149	-8.485	-232.425
			Right	-50.75	-47.58	-0.53	-8.184	-8.405	-3424.172
L8	SP-4	DY MAX	Left	139.22	164.66	0.05	0.649	0.860	676.805
			Right	139.50	164.66	0.05	0.694	0.861	10612.055
L8	SP-4	DY MIN	Left	-139.22	-164.66	-0.05	-0.649	-0.860	-676.805
			Right	-139.50	-164.66	-0.05	-0.694	-0.861	-10612.055
L8	SP-5	DEAD	Left	-4.93	-15.97	0.00	-0.001	0.001	-380.145
			Right	-4.93	-1.45	0.00	-0.002	0.001	211.891
L8	SP-5	TORX	Left	2.85	14.12	0.00	-0.082	-0.016	554.984
			Right	2.85	14.12	0.00	-0.081	0.004	-405.306
L8	SP-5	TORY	Left	3.45	17.06	0.00	-0.099	-0.019	670.588
			Right	3.45	17.06	0.00	-0.099	0.005	-489.585
L8	SP-5	DX MAX	Left	18.77	72.99	0.53	8.396	7.967	3948.883
			Right	18.77	72.99	0.53	7.181	8.184	2015.595
L8	SP-5	DX MIN	Left	-18.77	-72.99	-0.53	-8.396	-7.967	-3948.883
			Right	-18.77	-72.99	-0.53	-7.181	-8.184	-2015.595
L8	SP-5	DY MAX	Left	63.65	320.38	0.05	0.945	0.954	12517.645
			Right	63.48	320.38	0.05	0.534	0.992	9264.416
L8	SP-5	DY MIN	Left	-63.65	-320.38	-0.05	-0.945	-0.954	-12517.645
			Right	-63.48	-320.38	-0.05	-0.534	-0.992	-9264.416

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SP-6	DEAD	Left	-6.28	-17.81	0.00	-0.001	0.001	-453.972
			Right	-6.28	-3.29	0.00	-0.002	0.001	263.486
L8	SP-6	TORX	Left	2.95	24.61	0.00	-0.089	-0.017	918.147
			Right	2.95	24.61	0.00	-0.087	0.002	-755.047
L8	SP-6	TORY	Left	3.57	29.79	0.00	-0.107	-0.021	1111.422
			Right	3.57	29.79	0.00	-0.106	0.003	-914.241
L8	SP-6	DX MAX	Left	25.08	147.26	0.52	8.647	8.155	5669.242
			Right	25.09	147.26	0.53	6.742	8.426	4346.112
L8	SP-6	DX MIN	Left	-25.08	-147.26	-0.52	-8.647	-8.155	-5669.242
			Right	-25.09	-147.26	-0.53	-6.742	-8.426	-4346.112
L8	SP-6	DY MAX	Left	60.55	537.15	0.06	0.628	1.094	19937.775
			Right	60.37	537.15	0.06	0.865	1.040	16584.905
L8	SP-6	DY MIN	Left	-60.55	-537.15	-0.06	-0.628	-1.094	-19937.775
			Right	-60.37	-537.15	-0.06	-0.865	-1.040	-16584.905
L8	SP-7	DEAD	Left	-6.87	-15.01	0.00	-0.002	0.001	-312.270
			Right	-6.87	-0.48	0.00	-0.003	0.003	214.433
L8	SP-7	TORX	Left	-1.39	31.26	0.00	-0.089	-0.020	888.741
			Right	-1.39	31.26	0.00	-0.087	-0.001	-1237.136
L8	SP-7	TORY	Left	-1.66	37.79	0.00	-0.108	-0.025	1074.119
			Right	-1.66	37.79	0.00	-0.106	-0.001	-1495.393
L8	SP-7	DX MAX	Left	7.81	219.65	0.52	7.438	8.534	6436.038
			Right	7.83	219.65	0.52	6.475	8.351	8501.257
L8	SP-7	DX MIN	Left	-7.81	-219.65	-0.52	-7.438	-8.534	-6436.038
			Right	-7.83	-219.65	-0.52	-6.475	-8.351	-8501.257
L8	SP-7	DY MAX	Left	40.27	667.13	0.07	0.515	1.098	18858.789
			Right	40.80	667.13	0.08	1.401	0.944	26507.534
L8	SP-7	DY MIN	Left	-40.27	-667.13	-0.07	-0.515	-1.098	-18858.789
			Right	-40.80	-667.13	-0.08	-1.401	-0.944	-26507.534

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L8	SP-8	DEAD	Left	-9.34	-11.17	0.00	-0.045	-0.085	-246.092
			Right	-9.34	4.63	0.00	-0.046	0.203	-4.091
L8	SP-8	TORX	Left	0.86	29.26	0.00	-0.074	-0.030	1076.505
			Right	0.86	29.26	0.00	-0.072	0.001	-1099.092
L8	SP-8	TORY	Left	1.05	35.09	0.00	-0.090	-0.036	1290.950
			Right	1.05	35.09	0.00	-0.087	0.002	-1306.039
L8	SP-8	DX MAX	Left	27.09	348.83	0.57	5.973	9.819	12911.297
			Right	27.10	348.83	0.58	8.303	9.630	12903.379
L8	SP-8	DX MIN	Left	-27.09	-348.83	-0.57	-5.973	-9.819	-12911.297
			Right	-27.10	-348.83	-0.58	-8.303	-9.630	-12903.379
L8	SP-8	DY MAX	Left	4.60	661.94	0.08	1.083	1.328	24285.729
			Right	4.46	661.94	0.08	0.920	1.341	24689.457
L8	SP-8	DY MIN	Left	-4.60	-661.94	-0.08	-1.083	-1.328	-24285.729
			Right	-4.46	-661.94	-0.08	-0.920	-1.341	-24689.457
L7	S1-1	DEAD	Left	-6.24	-4.19	0.00	0.038	-0.178	-11.831
			Right	-6.24	6.41	0.00	0.038	0.117	-94.059
L7	S1-1	TORX	Left	0.42	-17.62	0.00	-0.041	-0.010	-642.677
			Right	0.42	-17.62	0.00	-0.041	-0.003	661.295
L7	S1-1	TORY	Left	0.51	-21.32	0.00	-0.049	-0.012	-777.783
			Right	0.51	-21.32	0.00	-0.049	-0.004	800.240
L7	S1-1	DX MAX	Left	4.12	417.54	0.06	0.348	1.119	15251.227
			Right	4.21	417.54	0.06	0.346	1.086	15646.963
L7	S1-1	DX MIN	Left	-4.12	-417.54	-0.06	-0.348	-1.119	-15251.227
			Right	-4.21	-417.54	-0.06	-0.346	-1.086	-15646.963
L7	S1-1	DY MAX	Left	15.37	197.49	0.46	0.463	7.628	7196.837
			Right	15.36	197.49	0.46	0.485	7.641	7427.286
L7	S1-1	DY MIN	Left	-15.37	-197.49	-0.46	-0.463	-7.628	-7196.837
			Right	-15.36	-197.49	-0.46	-0.485	-7.641	-7427.286

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S1-2	DEAD	Left	-5.51	0.30	0.00	0.000	0.001	143.246
			Right	-5.51	10.04	0.00	0.000	0.002	-208.644
L7	S1-2	TORX	Left	0.93	-18.22	0.00	-0.059	-0.007	-644.602
			Right	0.93	-18.22	0.00	-0.059	-0.007	594.520
L7	S1-2	TORY	Left	1.13	-22.10	0.00	-0.072	-0.009	-781.736
			Right	1.13	-22.10	0.00	-0.072	-0.008	721.059
L7	S1-2	DX MAX	Left	13.76	448.77	0.05	0.118	0.811	15898.802
			Right	13.80	448.77	0.05	0.100	0.797	14618.247
L7	S1-2	DX MIN	Left	-13.76	-448.77	-0.05	-0.118	-0.811	-15898.802
			Right	-13.80	-448.77	-0.05	-0.100	-0.797	-14618.247
L7	S1-2	DY MAX	Left	12.94	133.59	0.43	0.459	6.284	4748.639
			Right	12.92	133.59	0.43	0.630	6.276	4335.532
L7	S1-2	DY MIN	Left	-12.94	-133.59	-0.43	-0.459	-6.284	-4748.639
			Right	-12.92	-133.59	-0.43	-0.630	-6.276	-4335.532
L7	S1-3	DEAD	Left	-4.75	2.49	0.00	-0.001	0.002	212.921
			Right	-4.75	12.23	0.00	-0.001	0.002	-287.677
L7	S1-3	TORX	Left	1.08	-15.41	0.00	-0.058	-0.005	-519.843
			Right	1.08	-15.41	0.00	-0.059	-0.007	528.222
L7	S1-3	TORY	Left	1.31	-18.71	0.00	-0.071	-0.007	-631.660
			Right	1.31	-18.71	0.00	-0.071	-0.008	641.210
L7	S1-3	DX MAX	Left	22.27	387.65	0.05	0.099	0.776	13067.018
			Right	22.26	387.65	0.05	0.090	0.771	13293.600
L7	S1-3	DX MIN	Left	-22.27	-387.65	-0.05	-0.099	-0.776	-13067.018
			Right	-22.26	-387.65	-0.05	-0.090	-0.771	-13293.600
L7	S1-3	DY MAX	Left	10.40	95.01	0.43	0.676	6.347	3192.455
			Right	10.39	95.01	0.43	0.830	6.441	3268.430
L7	S1-3	DY MIN	Left	-10.40	-95.01	-0.43	-0.676	-6.347	-3192.455
			Right	-10.39	-95.01	-0.43	-0.830	-6.441	-3268.430

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S1-4	DEAD	Left	-3.97	2.49	0.00	-0.001	0.002	206.207
			Right	-3.97	12.23	0.00	-0.001	0.002	-293.943
L7	S1-4	TORX	Left	1.00	-9.31	0.00	-0.057	-0.005	-309.008
			Right	1.00	-9.31	0.00	-0.057	-0.007	323.823
L7	S1-4	TORY	Left	1.21	-11.29	0.00	-0.070	-0.006	-374.947
			Right	1.21	-11.29	0.00	-0.070	-0.008	392.926
L7	S1-4	DX MAX	Left	23.80	244.11	0.05	0.077	0.748	8102.869
			Right	23.77	244.11	0.05	0.077	0.743	8496.718
L7	S1-4	DX MIN	Left	-23.80	-244.11	-0.05	-0.077	-0.748	-8102.869
			Right	-23.77	-244.11	-0.05	-0.077	-0.743	-8498.718
L7	S1-4	DY MAX	Left	7.56	51.74	0.43	0.645	6.483	1714.134
			Right	7.54	51.74	0.43	0.695	6.449	1803.957
L7	S1-4	DY MIN	Left	-7.56	-51.74	-0.43	-0.645	-6.483	-1714.134
			Right	-7.54	-51.74	-0.43	-0.695	-6.449	-1803.957
L7	S1-5	DEAD	Left	-4.05	-13.43	0.00	0.000	0.000	-307.663
			Right	-4.05	-2.89	0.00	0.000	0.000	320.074
L7	S1-5	TORX	Left	-1.03	-9.52	0.00	-0.057	0.001	-330.542
			Right	-1.03	-9.52	0.00	-0.057	0.000	317.077
L7	S1-5	TORY	Left	-1.25	-11.56	0.00	-0.069	0.001	-401.125
			Right	-1.25	-11.56	0.00	-0.070	0.000	384.781
L7	S1-5	DX MAX	Left	23.51	239.75	0.04	0.064	0.600	8323.230
			Right	23.55	239.75	0.04	0.081	0.615	7979.840
L7	S1-5	DX MIN	Left	-23.51	-239.75	-0.04	-0.064	-0.600	-8323.230
			Right	-23.55	-239.75	-0.04	-0.081	-0.615	-7979.840
L7	S1-5	DY MAX	Left	10.66	81.88	0.45	0.703	6.770	2845.492
			Right	10.64	81.88	0.46	0.672	6.817	2722.588
L7	S1-5	DY MIN	Left	-10.66	-81.88	-0.45	-0.703	-6.770	-2845.492
			Right	-10.64	-81.88	-0.46	-0.672	-6.817	-2722.588

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S1-6	DEAD	Left	-4.85	-13.24	0.00	-0.001	0.000	-324.049
			Right	-4.85	-3.50	0.00	-0.001	0.000	244.967
L7	S1-6	TORX	Left	-1.11	-15.87	0.00	-0.058	0.001	-546.277
			Right	-1.11	-15.87	0.00	-0.059	0.000	532.874
L7	S1-6	TORY	Left	-1.35	-19.27	0.00	-0.071	0.002	-663.218
			Right	-1.35	-19.27	0.00	-0.071	0.000	646.970
L7	S1-6	DX MAX	Left	21.73	380.55	0.04	0.087	0.617	13102.430
			Right	21.75	380.55	0.04	0.104	0.628	12775.732
L7	S1-6	DX MIN	Left	-21.73	-380.55	-0.04	-0.087	-0.617	-13102.430
			Right	-21.75	-380.55	-0.04	-0.104	-0.628	-12775.732
L7	S1-6	DY MAX	Left	13.56	144.47	0.46	0.915	6.829	4989.034
			Right	13.54	144.47	0.46	0.813	6.778	4834.933
L7	S1-6	DY MIN	Left	-13.56	-144.47	-0.46	-0.915	-6.829	-4989.034
			Right	-13.54	-144.47	-0.46	-0.813	-6.778	-4834.933
L7	S1-7	DEAD	Left	-5.63	-11.86	0.00	-0.001	0.001	-266.442
			Right	-5.63	-2.12	0.00	-0.001	-0.002	208.623
L7	S1-7	TORX	Left	-0.98	-18.81	0.00	-0.059	0.002	-612.539
			Right	-0.98	-18.81	0.00	-0.059	0.001	666.467
L7	S1-7	TORY	Left	-1.19	-22.82	0.00	-0.072	0.002	-743.056
			Right	-1.19	-22.82	0.00	-0.072	0.001	808.417
L7	S1-7	DX MAX	Left	13.53	436.68	0.04	0.099	0.630	14204.049
			Right	13.39	436.68	0.04	0.113	0.645	15490.869
L7	S1-7	DX MIN	Left	-13.53	-436.68	-0.04	-0.099	-0.630	-14204.049
			Right	-13.39	-436.68	-0.04	-0.113	-0.645	-15490.869
L7	S1-7	DY MAX	Left	15.58	194.55	0.46	0.771	6.757	6305.911
			Right	15.56	194.55	0.46	0.691	6.798	6923.585
L7	S1-7	DY MIN	Left	-15.58	-194.55	-0.46	-0.771	-6.757	-6305.911
			Right	-15.56	-194.55	-0.46	-0.691	-6.798	-6923.585

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S1-8	DEAD	Left	-6.30	-10.02	0.00	-0.037	0.117	-229.170
			Right	-6.30	0.58	0.00	-0.037	-0.184	119.867
L7	S1-8	TORX	Left	-0.49	-18.70	0.00	-0.041	0.000	-701.980
			Right	-0.49	-18.70	0.00	-0.041	-0.001	682.091
L7	S1-8	TORY	Left	-0.60	-22.64	0.00	-0.049	0.000	-849.830
			Right	-0.60	-22.64	0.00	-0.049	-0.001	825.019
L7	S1-8	DX MAX	Left	4.17	404.32	0.05	0.328	0.837	15142.445
			Right	4.07	404.32	0.05	0.340	0.949	14777.889
L7	S1-8	DX MIN	Left	-4.17	-404.32	-0.05	-0.328	-0.837	-15142.445
			Right	-4.07	-404.32	-0.05	-0.340	-0.949	-14777.889
L7	S1-8	DY MAX	Left	16.28	265.47	0.51	0.474	8.399	9978.114
			Right	16.27	265.47	0.51	0.484	8.420	9666.777
L7	S1-8	DY MIN	Left	-16.28	-265.47	-0.51	-0.474	-8.399	-9978.114
			Right	-16.27	-265.47	-0.51	-0.484	-8.420	-9666.777
L7	S12-1	DEAD	Left	-6.27	-3.01	0.00	-0.036	0.182	30.597
			Right	-6.27	7.59	0.00	-0.036	-0.112	-139.021
L7	S12-1	TORX	Left	-0.41	17.81	0.00	-0.040	-0.011	649.344
			Right	-0.41	17.81	0.00	-0.040	-0.002	-668.241
L7	S12-1	TORY	Left	-0.50	21.55	0.00	-0.049	-0.013	785.876
			Right	-0.50	21.55	0.00	-0.048	-0.003	-808.675
L7	S12-1	DX MAX	Left	3.50	426.68	0.06	0.237	1.081	15583.762
			Right	3.56	426.68	0.06	0.242	1.097	15991.211
L7	S12-1	DX MIN	Left	-3.50	-426.68	-0.06	-0.237	-1.081	-15583.762
			Right	-3.56	-426.68	-0.06	-0.242	-1.097	-15991.211
L7	S12-1	DY MAX	Left	15.15	193.40	0.46	0.456	7.635	7037.347
			Right	15.14	193.40	0.46	0.493	7.636	7274.353
L7	S12-1	DY MIN	Left	-15.15	-193.40	-0.46	-0.456	-7.635	-7037.347
			Right	-15.14	-193.40	-0.46	-0.493	-7.636	-7274.353

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S12-2	DEAD	Left	-5.55	0.54	0.00	-0.001	0.004	151.919
			Right	-5.55	10.28	0.00	-0.001	0.001	-215.878
L7	S12-2	TORX	Left	-0.94	18.47	0.00	-0.059	-0.007	653.335
			Right	-0.94	18.47	0.00	-0.059	-0.007	-682.645
L7	S12-2	TORY	Left	-1.14	22.40	0.00	-0.072	-0.009	792.349
			Right	-1.14	22.40	0.00	-0.072	-0.008	-730.944
L7	S12-2	DX MAX	Left	14.80	453.52	0.05	0.111	0.806	16062.999
			Right	14.94	453.52	0.05	0.106	0.798	14776.875
L7	S12-2	DX MIN	Left	-14.80	-453.52	-0.05	-0.111	-0.806	-16062.999
			Right	-14.94	-453.52	-0.05	-0.106	-0.798	-14776.875
L7	S12-2	DY MAX	Left	12.65	130.90	0.43	0.456	6.283	4652.999
			Right	12.64	130.90	0.43	0.434	6.272	4248.511
L7	S12-2	DY MIN	Left	-12.65	-130.90	-0.43	-0.456	-6.283	-4652.999
			Right	-12.64	-130.90	-0.43	-0.434	-6.272	-4248.511
L7	S12-3	DEAD	Left	-4.79	2.51	0.00	-0.001	0.003	213.433
			Right	-4.79	12.25	0.00	-0.001	0.002	-288.536
L7	S12-3	TORX	Left	-1.10	15.65	0.00	-0.059	-0.005	527.747
			Right	-1.10	15.65	0.00	-0.059	-0.006	-536.186
L7	S12-3	TORY	Left	-1.33	18.99	0.00	-0.071	-0.006	640.695
			Right	-1.33	18.99	0.00	-0.071	-0.008	-650.917
L7	S12-3	DX MAX	Left	23.54	390.54	0.05	0.096	0.777	13166.644
			Right	23.53	390.54	0.05	0.088	0.774	13390.333
L7	S12-3	DX MIN	Left	-23.54	-390.54	-0.05	-0.096	-0.777	-13166.644
			Right	-23.53	-390.54	-0.05	-0.088	-0.774	-13390.333
L7	S12-3	DY MAX	Left	10.14	93.53	0.43	0.674	6.343	3143.118
			Right	10.13	93.53	0.43	0.832	6.435	3217.345
L7	S12-3	DY MIN	Left	-10.14	-93.53	-0.43	-0.674	-6.343	-3143.118
			Right	-10.13	-93.53	-0.43	-0.832	-6.435	-3217.345

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S12-4	DEAD	Left	-4.00	3.58	0.00	-0.001	0.002	209.335
			Right	-4.00	13.32	0.00	-0.001	0.002	-297.140
L7	S12-4	TORX	Left	-1.02	9.46	0.00	-0.057	-0.005	313.993
			Right	-1.02	9.46	0.00	-0.057	-0.006	-328.999
L7	S12-4	TORY	Left	-1.23	11.47	0.00	-0.070	-0.006	381.028
			Right	-1.23	11.47	0.00	-0.069	-0.008	-399.239
L7	S12-4	DX MAX	Left	24.93	245.15	0.05	0.079	0.752	8138.805
			Right	24.89	245.15	0.05	0.068	0.740	8531.239
L7	S12-4	DX MIN	Left	-24.93	-245.15	-0.05	-0.079	-0.752	-8138.805
			Right	-24.89	-245.15	-0.05	-0.068	-0.740	-8531.239
L7	S12-4	DY MAX	Left	7.34	50.97	0.43	0.644	6.477	1689.092
			Right	7.32	50.97	0.43	0.695	6.444	1777.156
L7	S12-4	DY MIN	Left	-7.34	-50.97	-0.43	-0.644	-6.477	-1689.092
			Right	-7.32	-50.97	-0.43	-0.695	-6.444	-1777.156
L7	S12-5	DEAD	Left	-3.86	-10.59	0.00	-0.001	0.001	-236.718
			Right	-3.86	-0.85	0.00	-0.001	0.000	152.478
L7	S12-5	TORX	Left	1.03	9.61	0.00	-0.057	0.001	333.586
			Right	1.03	9.61	0.00	-0.057	0.000	-320.028
L7	S12-5	TORY	Left	1.25	11.67	0.00	-0.069	0.001	404.878
			Right	1.25	11.67	0.00	-0.070	0.000	-389.420
L7	S12-5	DX MAX	Left	24.73	243.29	0.04	0.066	0.600	8445.231
			Right	24.76	243.29	0.04	0.076	0.610	8098.929
L7	S12-5	DX MIN	Left	-24.73	-243.29	-0.04	-0.066	-0.600	-8445.231
			Right	-24.76	-243.29	-0.04	-0.076	-0.610	-8098.929
L7	S12-5	DY MAX	Left	9.82	74.84	0.45	0.703	6.764	2600.338
			Right	9.81	74.84	0.46	0.674	6.812	2498.502
L7	S12-5	DY MIN	Left	-9.82	-74.84	-0.45	-0.703	-6.764	-2600.338
			Right	-9.81	-74.84	-0.46	-0.674	-6.812	-2498.502

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S12-6	DEAD	Left	-4.69	-9.75	0.00	-0.001	0.000	-203.328
			Right	-4.69	-0.01	0.00	-0.001	0.000	128.325
L7	S12-6	TORX	Left	1.10	15.98	0.00	-0.059	0.001	550.121
			Right	1.10	15.98	0.00	-0.059	0.000	-538.759
L7	S12-6	TORY	Left	1.33	19.41	0.00	-0.071	0.001	667.969
			Right	1.33	19.41	0.00	-0.072	0.000	-651.769
L7	S12-6	DX MAX	Left	23.00	388.22	0.04	0.084	0.613	13366.271
			Right	23.02	388.22	0.04	0.100	0.624	13033.333
L7	S12-6	DX MIN	Left	-23.00	-388.22	-0.04	-0.084	-0.613	-13366.271
			Right	-23.02	-388.22	-0.04	-0.100	-0.624	-13033.333
L7	S12-6	DY MAX	Left	12.38	131.74	0.46	0.916	6.825	4548.458
			Right	12.37	131.74	0.46	0.812	6.774	4410.025
L7	S12-6	DY MIN	Left	-12.38	-131.74	-0.46	-0.916	-6.825	-4548.458
			Right	-12.37	-131.74	-0.46	-0.812	-6.774	-4410.025
L7	S12-7	DEAD	Left	-5.52	-7.38	0.00	-0.001	0.000	-121.118
			Right	-5.52	2.36	0.00	-0.001	0.002	49.478
L7	S12-7	TORX	Left	0.94	18.82	0.00	-0.060	0.002	613.032
			Right	0.94	18.82	0.00	-0.060	0.001	-666.654
L7	S12-7	TORY	Left	1.14	22.83	0.00	-0.073	0.002	743.710
			Right	1.14	22.83	0.00	-0.073	0.001	-808.691
L7	S12-7	DX MAX	Left	14.45	447.95	0.04	0.108	0.626	14573.642
			Right	14.31	447.95	0.04	0.124	0.644	15887.580
L7	S12-7	DX MIN	Left	-14.45	-447.95	-0.04	-0.108	-0.626	-14573.642
			Right	-14.31	-447.95	-0.04	-0.124	-0.644	-15887.580
L7	S12-7	DY MAX	Left	14.04	176.60	0.46	0.774	6.752	5725.268
			Right	14.02	176.60	0.46	0.688	6.796	6283.330
L7	S12-7	DY MIN	Left	-14.04	-176.60	-0.46	-0.774	-6.752	-5725.268
			Right	-14.02	-176.60	-0.46	-0.688	-6.796	-6283.330

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	S12-8	DEAD	Left	-6.41	-5.48	0.00	0.035	-0.120	-59.787
			Right	-6.41	5.12	0.00	0.035	0.189	-46.636
L7	S12-8	TORX	Left	0.41	18.31	0.00	-0.041	-0.004	687.110
			Right	0.40	18.31	0.00	-0.041	0.004	-667.989
L7	S12-9	TORY	Left	0.49	22.17	0.00	-0.049	-0.004	831.673
			Right	0.49	22.17	0.00	-0.050	0.004	-808.598
L7	S12-8	DX MAX	Left	3.92	420.54	0.05	0.235	0.892	15752.878
			Right	3.85	420.54	0.05	0.226	0.860	15367.288
L7	S12-8	DX MIN	Left	-3.92	-420.54	-0.05	-0.235	-0.892	-15752.878
			Right	-3.85	-420.54	-0.05	-0.226	-0.860	-15367.288
L7	S12-8	DY MAX	Left	14.77	240.64	0.51	0.469	8.403	9044.469
			Right	14.77	240.64	0.51	0.488	8.400	8763.069
L7	S12-8	DY MIN	Left	-14.77	-240.64	-0.51	-0.469	-8.403	-9044.469
			Right	-14.77	-240.64	-0.51	-0.488	-8.400	-8763.069
L7	SA-1	DEAD	Left	-6.08	-5.04	0.00	0.036	-0.179	-44.577
			Right	-6.08	5.56	0.00	0.036	0.117	-63.534
L7	SA-1	TORX	Left	0.37	-19.41	0.00	-0.041	-0.007	-671.473
			Right	0.37	-19.41	0.00	-0.041	0.002	691.169
L7	SA-1	TORY	Left	0.45	-22.28	0.00	-0.050	-0.009	-812.416
			Right	0.45	-22.28	0.00	-0.050	0.003	836.187
L7	SA-1	DX MAX	Left	15.22	239.58	0.50	0.367	8.199	8719.534
			Right	15.22	239.58	0.50	0.443	8.246	9009.060
L7	SA-1	DX MIN	Left	-15.22	-239.58	-0.50	-0.367	-8.199	-8719.534
			Right	-15.22	-239.58	-0.50	-0.443	-8.246	-9009.060
L7	SA-1	DY MAX	Left	3.85	383.02	0.07	0.379	1.197	13993.165
			Right	3.83	383.02	0.07	0.367	1.119	14350.466
L7	SA-1	DY MIN	Left	-3.85	-383.02	-0.07	-0.379	-1.197	-13993.165
			Right	-3.83	-383.02	-0.07	-0.367	-1.119	-14350.466

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SA-2	DEAD	Left	-5.22	2.13	0.00	-0.001	0.000	211.816
			Right	-5.22	11.87	0.00	-0.001	0.001	-264.071
L7	SA-2	TORX	Left	1.05	-20.37	0.00	-0.059	-0.003	-723.137
			Right	1.05	-20.37	0.00	-0.059	-0.003	661.978
L7	SA-2	TORY	Left	1.28	-24.71	0.00	-0.072	-0.004	-877.127
			Right	1.28	-24.71	0.00	-0.072	-0.004	803.005
L7	SA-2	DX MAX	Left	15.32	178.04	0.45	0.568	6.704	6345.351
			Right	15.33	178.04	0.45	0.731	6.696	5761.311
L7	SA-2	DX MIN	Left	-15.32	-178.04	-0.45	-0.568	-6.704	-6345.351
			Right	-15.33	-178.04	-0.45	-0.731	-6.696	-5761.311
L7	SA-2	DY MAX	Left	15.38	422.17	0.05	0.146	0.798	15002.736
			Right	15.47	422.17	0.05	0.134	0.786	13705.147
L7	SA-2	DY MIN	Left	-15.38	-422.17	-0.05	-0.146	-0.798	-15002.736
			Right	-15.47	-422.17	-0.05	-0.134	-0.786	-13705.147
L7	SA-3	DEAD	Left	-4.01	9.10	0.00	-0.001	0.001	438.125
			Right	-4.01	18.84	0.00	-0.001	0.001	-511.546
L7	SA-3	TORX	Left	1.08	-19.31	0.00	-0.058	-0.001	-649.426
			Right	1.08	-19.21	0.00	-0.058	-0.003	656.589
L7	SA-3	TORY	Left	1.31	-23.32	0.00	-0.071	-0.002	-788.666
			Right	1.31	-23.32	0.00	-0.071	-0.003	797.376
L7	SA-3	DX MAX	Left	12.08	144.36	0.47	0.315	6.886	4865.768
			Right	12.09	144.36	0.43	0.565	6.823	4950.771
L7	SA-3	DX MIN	Left	-12.08	-144.36	-0.47	-0.315	-6.886	-4865.768
			Right	-12.09	-144.36	-0.43	-0.565	-6.823	-4950.771
L7	SA-3	DY MAX	Left	20.35	399.84	0.05	0.134	0.757	13521.428
			Right	20.35	399.84	0.05	0.138	0.728	13668.558
L7	SA-3	DY MIN	Left	-20.35	-399.84	-0.05	-0.134	-0.757	-13521.428
			Right	-20.35	-399.84	-0.05	-0.138	-0.728	-13668.558

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SA-4	DEAD	Left	-2.68	17.82	0.00	-0.001	0.001	701.418
			Right	-2.68	27.56	0.00	-0.001	0.001	-841.498
L7	SA-4	TORX	Left	0.73	-17.03	0.00	-0.058	-0.001	-556.677
			Right	0.73	-17.03	0.00	-0.057	-0.002	601.104
L7	SA-4	TORY	Left	0.89	-20.67	0.00	-0.070	-0.001	-675.690
			Right	0.89	-20.67	0.00	-0.070	-0.003	729.547
L7	SA-4	DX MAX	Left	7.30	120.72	0.45	0.608	6.804	3943.284
			Right	7.32	120.72	0.45	0.513	6.690	4265.802
L7	SA-4	DX MIN	Left	-7.30	-120.72	-0.45	-0.608	-6.804	-3943.284
			Right	-7.32	-120.72	-0.45	-0.513	-6.690	-4265.802
L7	SA-4	DY MAX	Left	15.44	366.55	0.05	0.119	0.700	11978.459
			Right	15.43	366.55	0.05	0.119	0.698	12947.284
L7	SA-4	DY MIN	Left	-15.44	-366.55	-0.05	-0.119	-0.700	-11978.459
			Right	-15.43	-366.55	-0.05	-0.119	-0.698	-12947.284
L7	SA-5	DEAD	Left	-4.06	-13.61	0.00	-0.001	0.000	-341.609
			Right	-4.06	-3.87	0.00	-0.001	0.000	353.552
L7	SA-5	TORX	Left	-1.08	-10.26	0.00	-0.057	0.003	-356.179
			Right	-1.08	-10.26	0.00	-0.057	0.002	341.809
L7	SA-5	TORY	Left	-1.30	-12.45	0.00	-0.070	0.004	-432.080
			Right	-1.30	-12.45	0.00	-0.070	0.002	414.645
L7	SA-5	DX MAX	Left	8.37	61.43	0.44	0.725	6.563	2135.955
			Right	8.39	61.43	0.44	0.658	6.586	2641.601
L7	SA-5	DX MIN	Left	-8.37	-61.43	-0.44	-0.725	-6.563	-2135.955
			Right	-8.39	-61.43	-0.44	-0.658	-6.586	-2641.601
L7	SA-5	DY MAX	Left	24.02	225.53	0.04	0.121	0.604	7826.720
			Right	24.07	225.53	0.04	0.129	0.612	7509.216
L7	SA-5	DY MIN	Left	-24.02	-225.53	-0.04	-0.121	-0.604	-7826.720
			Right	-24.07	-225.53	-0.04	-0.129	-0.612	-7509.216

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SA-6	DEAD	Left	-4.82	-14.20	0.00	-0.001	0.000	-357.003
			Right	-4.82	-4.46	0.00	-0.001	0.000	277.388
L7	SA-6	TORX	Left	-1.13	-17.02	0.00	-0.059	0.003	-585.504
			Right	-1.13	-17.02	0.00	-0.059	0.002	571.939
L7	SA-6	TORY	Left	-1.37	-20.66	0.00	-0.071	0.004	-710.607
			Right	-1.36	-20.66	0.00	-0.071	0.003	694.171
L7	SA-6	DX MAX	Left	11.11	110.87	0.44	0.836	6.543	3832.026
			Right	11.12	110.87	0.44	0.728	6.496	3707.065
L7	SA-6	DX MIN	Left	-11.11	-110.87	-0.44	-0.836	-6.543	-3832.026
			Right	-11.12	-110.87	-0.44	-0.728	-6.496	-3707.065
L7	SA-6	DY MAX	Left	22.08	361.75	0.04	0.154	0.639	12448.177
			Right	22.11	361.75	0.04	0.166	0.649	12151.269
L7	SA-6	DY MIN	Left	-22.08	-361.75	-0.04	-0.154	-0.639	-12448.177
			Right	-22.11	-361.75	-0.04	-0.166	-0.649	-12151.269
L7	SA-7	DEAD	Left	-5.56	-12.52	0.00	-0.001	0.000	-287.483
			Right	-5.56	-2.78	0.00	-0.001	-0.002	232.690
L7	SA-7	TORX	Left	-0.92	-19.63	0.00	-0.059	0.004	-640.135
			Right	-0.92	-19.63	0.00	-0.059	0.004	694.921
L7	SA-7	TORY	Left	-1.12	-23.80	0.00	-0.072	0.004	-776.176
			Right	-1.12	-23.80	0.00	-0.072	0.004	842.527
L7	SA-7	DX MAX	Left	13.48	154.08	0.44	0.602	6.426	4992.457
			Right	13.49	154.08	0.44	0.534	6.467	5484.924
L7	SA-7	DX MIN	Left	-13.48	-154.08	-0.44	-0.602	-6.426	-4992.457
			Right	-13.49	-154.08	-0.44	-0.534	-6.467	-5484.924
L7	SA-7	DY MAX	Left	13.05	414.37	0.05	0.157	0.680	13489.563
			Right	12.92	414.37	0.05	0.172	0.695	14688.329
L7	SA-7	DY MIN	Left	-13.05	-414.37	-0.05	-0.157	-0.680	-13489.563
			Right	-12.92	-414.37	-0.05	-0.172	-0.695	-14688.329

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SA-8	DEAD	Left	-6.21	-9.54	0.00	-0.037	0.116	-211.252
			Right	-6.21	1.06	0.00	-0.037	-0.183	102.403
L7	SA-8	TORX	Left	-0.33	-18.07	0.00	-0.041	-0.002	-677.715
			Right	-0.33	-18.07	0.00	-0.041	0.009	659.177
L7	SA-8	TORY	Left	-0.41	-21.85	0.00	-0.050	-0.002	-819.632
			Right	-0.41	-21.85	0.00	-0.050	0.011	797.257
L7	SA-8	DX MAX	Left	14.81	225.69	0.48	0.510	7.891	8480.090
			Right	14.81	225.69	0.48	0.395	7.830	8220.724
L7	SA-8	DX MIN	Left	-14.81	-225.69	-0.48	-0.510	-7.891	-8480.090
			Right	-14.81	-225.69	-0.48	-0.395	-7.830	-8220.724
L7	SA-8	DY MAX	Left	4.40	382.57	0.06	0.370	0.956	14327.128
			Right	4.35	382.57	0.06	0.383	1.070	13983.538
L7	SA-8	DY MIN	Left	-4.40	-382.57	-0.06	-0.370	-0.956	-14327.128
			Right	-4.35	-382.57	-0.06	-0.383	-1.070	-13983.538
L7	SP-1	DEAD	Left	-6.50	-5.69	0.00	-0.037	0.191	-67.954
			Right	-6.50	4.91	0.00	-0.037	-0.119	-39.026
L7	SP-1	TORX	Left	-0.57	18.99	0.00	-0.041	-0.006	693.897
			Right	-0.57	18.99	0.00	-0.041	0.001	-711.323
L7	SP-1	TORY	Left	-0.70	22.97	0.00	-0.050	-0.007	839.472
			Right	-0.70	22.97	0.00	-0.050	0.002	-860.493
L7	SP-1	DX MAX	Left	16.80	231.21	0.50	0.389	8.210	8425.297
			Right	16.81	231.21	0.50	0.500	8.265	8684.351
L7	SP-1	DX MIN	Left	-16.80	-231.21	-0.50	-0.389	-8.210	-8425.297
			Right	-16.81	-231.21	-0.50	-0.500	-8.265	-8684.351
L7	SP-1	DY MAX	Left	3.24	407.74	0.07	0.176	1.107	14917.836
			Right	3.36	407.74	0.07	0.193	1.143	15255.586
L7	SP-1	DY MIN	Left	-3.24	-407.74	-0.07	-0.176	-1.107	-14917.836
			Right	-3.36	-407.74	-0.07	-0.193	-1.143	-15255.586

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SP-2	DEAD	Left	-4.51	2.59	0.00	-0.001	0.003	272.624
			Right	-4.51	12.33	0.00	-0.001	0.001	-234.386
L7	SP-2	TORX	Left	-0.89	22.58	0.00	-0.055	-0.003	801.350
			Right	-0.89	22.58	0.00	-0.054	-0.001	-734.022
L7	SP-2	TORY	Left	-1.08	27.39	0.00	-0.066	-0.004	971.984
			Right	-1.08	27.39	0.00	-0.066	-0.002	-890.515
L7	SP-2	DX MAX	Left	12.78	184.07	0.45	0.492	6.751	6623.206
			Right	12.80	184.07	0.45	0.600	6.585	5894.388
L7	SP-2	DX MIN	Left	-12.78	-184.07	-0.45	-0.492	-6.751	-6623.206
			Right	-12.80	-184.07	-0.45	-0.600	-6.585	-5894.388
L7	SP-2	DY MAX	Left	13.28	470.11	0.05	0.153	0.804	16649.556
			Right	13.58	470.11	0.05	0.147	0.784	15318.056
L7	SP-2	DY MIN	Left	-13.28	-470.11	-0.05	-0.153	-0.804	-16649.556
			Right	-13.58	-470.11	-0.05	-0.147	-0.784	-15318.056
L7	SP-3	DEAD	Left	-5.48	-0.67	0.00	0.000	0.000	-3.438
			Right	-5.48	3.91	0.00	0.000	0.000	-106.793
L7	SP-3	TORX	Left	-1.59	7.99	0.00	-0.036	-0.009	361.478
			Right	-1.59	7.99	0.00	-0.036	0.010	-281.627
L7	SP-3	TORY	Left	-1.93	9.70	0.00	-0.043	-0.011	317.697
			Right	-1.93	9.70	0.00	-0.044	0.013	-342.147
L7	SP-3	DX MAX	Left	16.19	51.88	0.27	3.677	4.156	1663.204
			Right	16.30	51.88	0.25	3.305	3.947	1865.086
L7	SP-3	DX MIN	Left	-16.19	-51.88	-0.27	-3.677	-4.156	-1663.204
			Right	-16.30	-51.88	-0.25	-3.305	-3.947	-1865.086
L7	SP-3	DY MAX	Left	31.11	171.76	0.03	0.395	0.464	5651.630
			Right	31.14	171.76	0.03	0.396	0.443	6026.240
L7	SP-3	DY MIN	Left	-31.11	-171.76	-0.03	-0.395	-0.464	-5651.630
			Right	-31.14	-171.76	-0.03	-0.396	-0.443	-6026.240

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SP-4	DEAD	Left	-3.05	-2.85	0.00	0.000	0.001	79.611
			Right	-3.05	6.89	0.00	0.000	0.001	-57.433
L7	SP-4	TORX	Left	-0.97	11.38	0.00	-0.055	-0.003	410.620
			Right	-0.97	11.38	0.00	-0.055	-0.002	-383.207
L7	SP-4	TORY	Left	-1.18	13.81	0.00	-0.067	-0.004	498.352
			Right	-1.19	13.81	0.00	-0.067	-0.002	-440.676
L7	SP-4	DX MAX	Left	8.22	72.30	0.45	0.603	6.691	2643.903
			Right	8.24	72.30	0.45	0.573	6.723	2272.903
L7	SP-4	DX MIN	Left	-8.22	-72.30	-0.45	-0.603	-6.691	-2643.903
			Right	-8.24	-72.30	-0.45	-0.573	-6.723	-2272.903
L7	SP-4	DY MAX	Left	22.29	249.02	0.05	0.121	0.683	8935.874
			Right	22.23	249.02	0.05	0.109	0.691	7998.841
L7	SP-4	DY MIN	Left	-22.29	-249.02	-0.05	-0.121	-0.683	-8935.874
			Right	-22.23	-249.02	-0.05	-0.109	-0.691	-7998.841
L7	SP-5	DEAD	Left	-3.92	-12.48	0.00	-0.001	0.000	-302.313
			Right	-3.92	-2.74	0.00	-0.001	0.000	215.092
L7	SP-5	TORX	Left	1.20	11.41	0.00	-0.057	0.003	396.085
			Right	1.20	11.41	0.00	-0.057	0.002	-380.025
L7	SP-5	TORY	Left	1.45	13.85	0.00	-0.070	0.004	480.506
			Right	1.45	13.85	0.00	-0.070	0.002	-461.021
L7	SP-5	DX MAX	Left	8.04	60.03	0.44	0.723	6.562	2087.237
			Right	8.04	60.03	0.44	0.655	6.584	1994.797
L7	SP-5	DX MIN	Left	-8.04	-60.03	-0.44	-0.723	-6.562	-2087.237
			Right	-8.04	-60.03	-0.44	-0.655	-6.584	-1994.797
L7	SP-5	DY MAX	Left	27.29	251.74	0.04	0.120	0.604	8736.724
			Right	27.32	251.74	0.04	0.127	0.611	8382.027
L7	SP-5	DY MIN	Left	-27.29	-251.74	-0.04	-0.120	-0.604	-8736.724
			Right	-27.32	-251.74	-0.04	-0.127	-0.611	-8382.027

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SP-6	DEAD	Left	-4.69	-12.33	0.00	-0.001	0.000	-292.114
			Right	-4.69	-2.59	0.00	-0.001	0.000	214.833
L7	SP-6	TORX	Left	1.23	18.76	0.00	-0.059	0.003	645.750
			Right	1.23	18.76	0.00	-0.059	0.002	-630.027
L7	SP-6	TORY	Left	1.49	22.77	0.00	-0.071	0.004	783.763
			Right	1.49	22.77	0.00	-0.071	0.003	-764.701
L7	SP-6	DX MAX	Left	10.81	109.24	0.44	0.836	6.541	3774.989
			Right	10.81	109.24	0.44	0.727	6.494	3653.326
L7	SP-6	DX MIN	Left	-10.81	-109.24	-0.44	-0.836	-6.541	-3774.989
			Right	-10.81	-109.24	-0.44	-0.727	-6.494	-3653.326
L7	SP-6	DY MAX	Left	25.40	404.04	0.04	0.149	0.638	13908.763
			Right	25.41	404.04	0.04	0.161	0.648	13566.448
L7	SP-6	DY MIN	Left	-25.40	-404.04	-0.04	-0.149	-0.638	-13908.763
			Right	-25.41	-404.04	-0.04	-0.161	-0.648	-13566.448
L7	SP-7	DEAD	Left	-5.44	-9.89	0.00	-0.001	-0.001	-202.428
			Right	-5.44	-0.15	0.00	-0.001	0.001	139.018
L7	SP-7	TORX	Left	1.00	21.97	0.00	-0.059	0.004	715.759
			Right	1.00	21.97	0.00	-0.059	0.004	-778.395
L7	SP-7	TORY	Left	1.22	26.65	0.00	-0.072	0.004	868.050
			Right	1.22	26.65	0.00	-0.072	0.004	-943.939
L7	SP-7	DX MAX	Left	13.17	150.47	0.44	0.602	6.424	4878.026
			Right	13.18	150.47	0.44	0.532	6.467	5353.850
L7	SP-7	DX MIN	Left	-13.17	-150.47	-0.44	-0.602	-6.424	-4878.026
			Right	-13.18	-150.47	-0.44	-0.532	-6.467	-5353.850
L7	SP-7	DY MAX	Left	15.89	470.13	0.05	0.187	0.680	15299.107
			Right	15.74	470.13	0.05	0.201	0.695	16670.784
L7	SP-7	DY MIN	Left	-15.89	-470.13	-0.05	-0.187	-0.680	-15299.107
			Right	-15.74	-470.13	-0.05	-0.201	-0.695	-16670.784

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L7	SP-8	DEAD	Left	-6.21	-5.92	0.00	0.039	-0.117	-75.530
			Right	-6.21	4.68	0.00	0.039	0.192	-29.685
L7	SP-8	TORX	Left	0.29	20.86	0.00	-0.040	-0.003	782.449
			Right	0.29	20.86	0.00	-0.041	0.010	-781.336
L7	SP-8	TORY	Left	0.36	25.25	0.00	-0.049	-0.004	947.039
			Right	0.36	25.25	0.00	-0.049	0.013	-921.544
L7	SP-8	DX MAX	Left	14.83	217.95	0.48	0.496	7.894	8189.906
			Right	14.83	217.95	0.48	0.393	7.823	7938.309
L7	SP-8	DX MIN	Left	-14.83	-217.95	-0.48	-0.496	-7.894	-8189.906
			Right	-14.83	-217.95	-0.48	-0.393	-7.823	-7938.309
L7	SP-8	DY MAX	Left	3.90	451.89	0.06	0.215	1.013	16929.460
			Right	3.90	451.89	0.06	0.199	0.964	16511.035
L7	SP-8	DY MIN	Left	-3.90	-451.89	-0.06	-0.215	-1.013	-16929.460
			Right	-3.90	-451.89	-0.06	-0.199	-0.964	-16511.035
L6	S1-1	DEAD	Left	-6.84	-3.75	0.00	0.020	-0.192	-15.769
			Right	-6.84	8.27	0.00	0.020	0.132	-109.287
L6	S1-1	TORX	Left	0.58	-19.10	0.00	-0.023	-0.001	-698.943
			Right	0.58	-19.10	0.00	-0.024	0.007	714.831
L6	S1-1	TORY	Left	0.70	-23.30	0.00	-0.029	-0.002	-852.376
			Right	0.70	-23.30	0.00	-0.029	0.008	871.494
L6	S1-1	DX MAX	Left	2.84	457.42	0.06	0.467	1.107	16800.978
			Right	3.14	457.42	0.06	0.505	1.045	17047.038
L6	S1-1	DX MIN	Left	-2.84	-457.42	-0.06	-0.467	-1.107	-16800.978
			Right	-3.14	-457.42	-0.06	-0.505	-1.045	-17047.038
L6	S1-1	DY MAX	Left	17.46	179.16	0.37	1.701	6.198	6520.632
			Right	17.45	179.16	0.37	1.019	6.299	6737.740
L6	S1-1	DY MIN	Left	-17.46	-179.16	-0.37	-1.701	-6.198	-6520.632
			Right	-17.45	-179.16	-0.37	-1.019	-6.299	-6737.740

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S1-2	DEAD	Left	-5.91	-1.15	0.00	-0.001	0.000	72.135
			Right	-5.91	9.06	0.00	-0.001	0.002	-163.086
L6	S1-2	TORX	Left	0.70	-17.16	0.00	-0.059	0.001	-603.768
			Right	0.70	-17.16	0.00	-0.060	0.007	563.159
L6	S1-2	TORY	Left	0.85	-20.93	0.00	-0.073	0.001	-736.403
			Right	0.85	-20.93	0.00	-0.073	0.008	686.877
L6	S1-2	DX MAX	Left	9.87	454.78	0.05	0.157	0.758	16032.818
			Right	9.72	454.78	0.05	0.157	0.751	14891.537
L6	S1-2	DX MIN	Left	-9.87	-454.78	-0.05	-0.157	-0.758	-16032.818
			Right	-9.72	-454.78	-0.05	-0.157	-0.751	-14891.537
L6	S1-2	DY MAX	Left	11.13	103.20	0.34	1.028	5.226	3612.271
			Right	11.13	103.20	0.34	1.074	5.116	3405.260
L6	S1-2	DY MIN	Left	-11.13	-103.20	-0.34	-1.028	-5.226	-3612.271
			Right	-11.13	-103.20	-0.34	-1.074	-5.116	-3405.260
L6	S1-3	DEAD	Left	-5.17	1.09	0.00	0.000	0.002	148.467
			Right	-5.17	10.30	0.00	0.000	0.002	-238.823
L6	S1-3	TORX	Left	1.16	-14.19	0.00	-0.058	0.000	-476.112
			Right	1.16	-14.19	0.00	-0.058	0.006	489.140
L6	S1-3	TORY	Left	1.41	-17.31	0.00	-0.070	0.000	-580.783
			Right	1.41	-17.31	0.00	-0.071	0.007	596.588
L6	S1-3	DX MAX	Left	24.16	382.67	0.05	0.152	0.723	12854.726
			Right	24.20	382.67	0.05	0.155	0.723	13165.655
L6	S1-3	DX MIN	Left	-24.16	-382.67	-0.05	-0.152	-0.723	-12854.726
			Right	-24.20	-382.67	-0.05	-0.155	-0.723	-13165.655
L6	S1-3	DY MAX	Left	10.65	74.97	0.34	1.013	5.169	2504.195
			Right	10.63	74.97	0.34	1.111	5.161	2593.820
L6	S1-3	DY MIN	Left	-10.65	-74.97	-0.34	-1.013	-5.169	-2504.195
			Right	-10.63	-74.97	-0.34	-1.111	-5.161	-2593.820

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S1-4	DEAD	Left	-4.64	0.99	0.00	0.000	0.002	142.676
			Right	-4.64	10.10	0.00	0.000	0.002	-331.141
L6	S1-4	TORX	Left	1.27	-8.91	0.00	-0.056	0.000	-295.031
			Right	1.27	-8.91	0.00	-0.056	0.005	310.624
L6	S1-4	TORY	Left	1.54	-10.87	0.00	-0.069	0.000	-360.174
			Right	1.54	-10.87	0.00	-0.069	0.006	379.199
L6	S1-4	DX MAX	Left	30.25	249.14	0.05	0.146	0.691	8263.832
			Right	30.28	249.14	0.05	0.152	0.686	8677.052
L6	S1-4	DX MIN	Left	-30.25	-249.14	-0.05	-0.146	-0.691	-8263.832
			Right	-30.28	-249.14	-0.05	-0.152	-0.686	-8677.052
L6	S1-4	DY MAX	Left	8.77	40.68	0.35	1.028	5.208	1340.535
			Right	8.75	40.68	0.35	1.078	5.154	1426.076
L6	S1-4	DY MIN	Left	-8.77	-40.68	-0.35	-1.028	-5.208	-1340.535
			Right	-8.75	-40.68	-0.35	-1.078	-5.154	-1426.076
L6	S1-5	DEAD	Left	-4.72	-9.87	0.00	0.000	0.001	-223.451
			Right	-4.72	-0.66	0.00	0.000	0.001	134.769
L6	S1-5	TORX	Left	-1.30	-9.05	0.00	-0.056	-0.006	-315.354
			Right	-1.30	-9.05	0.00	-0.056	-0.001	300.246
L6	S1-5	TORY	Left	-1.57	-11.05	0.00	-0.069	-0.008	-384.860
			Right	-1.57	-11.05	0.00	-0.068	-0.001	366.551
L6	S1-5	DX MAX	Left	29.59	245.10	0.03	0.126	0.519	8523.558
			Right	29.56	245.10	0.03	0.113	0.528	8143.512
L6	S1-5	DX MIN	Left	-29.59	-245.10	-0.03	-0.126	-0.519	-8523.558
			Right	-29.56	-245.10	-0.03	-0.113	-0.528	-8143.512
L6	S1-5	DY MAX	Left	12.36	58.95	0.37	1.153	5.565	2060.584
			Right	12.35	58.95	0.37	1.110	5.612	1947.960
L6	S1-5	DY MIN	Left	-12.36	-58.95	-0.37	-1.153	-5.565	-2060.584
			Right	-12.35	-58.95	-0.37	-1.110	-5.612	-1947.960

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S1-6	DEAD	Left	-5.29	-10.58	0.00	0.000	0.001	-249.287
			Right	-5.29	-1.37	0.00	0.000	0.001	156.941
L6	S1-6	TORX	Left	-1.23	-14.54	0.00	-0.058	-0.007	-502.698
			Right	-1.23	-14.54	0.00	-0.057	-0.001	485.985
L6	S1-6	TORY	Left	-1.49	-17.73	0.00	-0.070	-0.008	-613.135
			Right	-1.49	-17.73	0.00	-0.070	-0.001	592.751
L6	S1-6	DX MAX	Left	24.11	375.40	0.04	0.119	0.531	12958.592
			Right	24.08	375.40	0.04	0.119	0.531	12567.774
L6	S1-6	DX MIN	Left	-24.11	-375.40	-0.04	-0.119	-0.531	-12958.592
			Right	-24.08	-375.40	-0.04	-0.119	-0.531	-12567.774
L6	S1-6	DY MAX	Left	14.18	109.84	0.37	1.172	5.633	3806.541
			Right	14.17	109.84	0.38	1.113	5.669	3662.865
L6	S1-6	DY MIN	Left	-14.18	-109.84	-0.37	-1.172	-5.633	-3806.541
			Right	-14.17	-109.84	-0.38	-1.113	-5.669	-3662.865
L6	S1-7	DEAD	Left	-6.01	-9.01	0.00	0.001	0.002	-194.556
			Right	-6.01	0.20	0.00	0.001	-0.001	104.857
L6	S1-7	TORX	Left	-0.73	-17.58	0.00	-0.060	-0.007	-576.347
			Right	-0.73	-17.58	0.00	-0.059	-0.003	618.869
L6	S1-7	TORY	Left	-0.89	-21.44	0.00	-0.073	-0.009	-702.972
			Right	-0.89	-21.44	0.00	-0.072	-0.003	754.912
L6	S1-7	DX MAX	Left	9.26	443.13	0.04	0.111	0.541	14491.368
			Right	9.44	443.13	0.04	0.124	0.552	15640.890
L6	S1-7	DX MIN	Left	-9.26	-443.13	-0.04	-0.111	-0.541	-14491.368
			Right	-9.44	-443.13	-0.04	-0.124	-0.552	-15640.890
L6	S1-7	DY MAX	Left	12.79	144.37	0.38	1.132	5.657	4762.209
			Right	12.78	144.37	0.38	1.154	5.772	5054.771
L6	S1-7	DY MIN	Left	-12.79	-144.37	-0.38	-1.132	-5.657	-4762.209
			Right	-12.78	-144.37	-0.38	-1.154	-5.772	-5054.771

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S1-8	DEAD	Left	-6.92	-9.29	0.00	-0.012	0.132	-221.442
			Right	-6.92	0.73	0.00	-0.012	-0.195	95.151
L6	S1-8	TORX	Left	-0.66	-19.86	0.00	-0.020	-0.007	-742.427
			Right	-0.66	-19.86	0.00	-0.020	-0.002	726.920
L6	S1-8	TORY	Left	-0.80	-24.22	0.00	-0.025	-0.009	-905.462
			Right	-0.80	-24.22	0.00	-0.024	-0.002	886.559
L6	S1-8	DX MAX	Left	1.17	443.19	0.04	0.469	0.749	16514.713
			Right	2.90	443.19	0.04	0.436	0.870	16280.398
L6	S1-8	DX MIN	Left	-1.17	-443.19	-0.04	-0.469	-0.749	-16514.713
			Right	-2.90	-443.19	-0.04	-0.436	-0.870	-16280.398
L6	S1-8	DY MAX	Left	18.95	226.20	0.42	1.039	7.119	8494.884
			Right	18.94	226.20	0.42	1.969	7.023	8244.210
L6	S1-8	DY MIN	Left	-18.95	-226.20	-0.42	-1.039	-7.119	-8494.884
			Right	-18.94	-226.20	-0.42	-1.969	-7.023	-8244.210
L6	S12-1	DEAD	Left	-6.91	-3.71	0.00	-0.014	0.197	-14.532
			Right	-6.91	6.31	0.00	-0.014	-0.131	-110.923
L6	S12-1	TORX	Left	-0.57	19.17	0.00	-0.021	-0.002	701.348
			Right	-0.57	19.17	0.00	-0.022	0.007	-717.133
L6	S12-1	TORY	Left	-0.70	23.38	0.00	-0.026	-0.003	855.263
			Right	-0.70	23.38	0.00	-0.027	0.009	-874.499
L6	S12-1	DX MAX	Left	1.98	461.16	0.06	0.449	1.068	16932.460
			Right	2.29	461.16	0.06	0.406	1.056	17192.096
L6	S12-1	DX MIN	Left	-1.98	-461.16	-0.06	-0.448	-1.068	-16932.460
			Right	-2.29	-461.16	-0.06	-0.406	-1.056	-17192.096
L6	S12-1	DY MAX	Left	17.16	177.80	0.37	1.714	6.208	6471.696
			Right	17.16	177.80	0.37	1.024	6.292	6685.821
L6	S12-1	DY MIN	Left	-17.16	-177.80	-0.37	-1.714	-6.208	-6471.696
			Right	-17.16	-177.80	-0.37	-1.024	-6.292	-6685.821

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S12-2	DEAD	Left	-5.94	-1.91	0.00	0.000	0.003	44.911
			Right	-5.94	7.30	0.00	0.000	0.000	-138.310
L6	S12-2	TORX	Left	-0.71	17.27	0.00	-0.059	0.001	607.623
			Right	-0.71	17.27	0.00	-0.059	0.006	-566.780
L6	S12-2	TORY	Left	-0.86	21.07	0.00	-0.071	0.001	741.170
			Right	-0.86	21.07	0.00	-0.072	0.007	-691.382
L6	S12-2	DX MAX	Left	11.03	451.34	0.05	0.172	0.756	15908.915
			Right	10.87	451.34	0.05	0.159	0.743	14781.303
L6	S12-2	DX MIN	Left	-11.03	-451.34	-0.05	-0.172	-0.756	-15908.915
			Right	-10.87	-451.34	-0.05	-0.159	-0.743	-14781.303
L6	S12-2	DY MAX	Left	10.85	103.21	0.34	1.001	5.239	3614.240
			Right	10.84	103.21	0.34	1.098	5.126	3404.416
L6	S12-2	DY MIN	Left	-10.85	-103.21	-0.34	-1.001	-5.239	-3614.240
			Right	-10.84	-103.21	-0.34	-1.098	-5.126	-3404.416
L6	S12-3	DEAD	Left	-5.19	0.39	0.00	-0.001	0.001	134.945
			Right	-5.19	9.60	0.00	-0.001	0.001	-214.699
L6	S12-3	TORX	Left	-1.18	14.31	0.00	-0.057	0.000	479.958
			Right	-1.18	14.31	0.00	-0.058	0.005	-493.644
L6	S12-3	TORY	Left	-1.44	17.45	0.00	-0.070	0.000	585.417
			Right	-1.44	17.45	0.00	-0.070	0.006	-601.368
L6	S12-3	DX MAX	Left	25.20	378.02	0.05	0.158	0.714	12696.412
			Right	25.23	378.02	0.05	0.151	0.715	13008.274
L6	S12-3	DX MIN	Left	-25.20	-378.02	-0.05	-0.158	-0.714	-12696.412
			Right	-25.23	-378.02	-0.05	-0.151	-0.715	-13008.274
L6	S12-3	DY MAX	Left	10.41	75.43	0.34	0.992	5.198	2519.848
			Right	10.40	75.43	0.34	1.129	5.174	2609.213
L6	S12-3	DY MIN	Left	-10.41	-75.43	-0.34	-0.992	-5.198	-2519.848
			Right	-10.40	-75.43	-0.34	-1.129	-5.174	-2609.213

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S12-4	DEAD	Left	-4.66	0.45	0.00	-0.001	0.001	127.700
			Right	-4.66	9.65	0.00	-0.001	0.001	-215.661
L6	S12-4	TORX	Left	-1.29	8.97	0.00	-0.056	-0.001	297.092
			Right	-1.29	8.97	0.00	-0.056	0.005	-312.927
L6	S12-4	TORY	Left	-1.57	10.95	0.00	-0.069	-0.001	362.712
			Right	-1.57	10.95	0.00	-0.069	0.005	-382.037
L6	S12-4	DX MAX	Left	31.17	245.49	0.05	0.147	0.682	8139.750
			Right	31.20	245.49	0.05	0.149	0.679	8552.762
L6	S12-4	DX MIN	Left	-31.17	-245.49	-0.05	-0.147	-0.682	-8139.750
			Right	-31.20	-245.49	-0.05	-0.149	-0.679	-8552.762
L6	S12-4	DY MAX	Left	8.58	41.41	0.35	1.024	5.221	1364.886
			Right	8.57	41.41	0.35	1.082	5.168	1451.057
L6	S12-4	DY MIN	Left	-8.58	-41.41	-0.35	-1.024	-5.221	-1364.886
			Right	-8.57	-41.41	-0.35	-1.082	-5.168	-1451.057
L6	S12-5	DEAD	Left	-4.48	-8.50	0.00	0.000	0.001	-175.492
			Right	-4.48	0.71	0.00	0.000	0.001	89.328
L6	S12-5	TORX	Left	1.30	9.12	0.00	-0.056	-0.006	317.729
			Right	1.30	9.12	0.00	-0.056	0.000	-302.503
L6	S12-5	TORY	Left	1.58	11.14	0.00	-0.068	-0.007	387.944
			Right	1.58	11.14	0.00	-0.068	0.000	-369.363
L6	S12-5	DX MAX	Left	30.75	244.19	0.03	0.126	0.530	8494.714
			Right	30.72	244.19	0.03	0.111	0.531	8109.641
L6	S12-5	DX MIN	Left	-30.75	-244.19	-0.03	-0.126	-0.530	-8494.714
			Right	-30.72	-244.19	-0.03	-0.111	-0.531	-8109.641
L6	S12-5	DY MAX	Left	11.33	52.78	0.37	1.152	5.580	1845.152
			Right	11.31	52.78	0.37	1.110	5.626	1743.737
L6	S12-5	DY MIN	Left	-11.33	-52.78	-0.37	-1.152	-5.580	-1845.152
			Right	-11.31	-52.78	-0.37	-1.110	-5.626	-1743.737

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S12-6	DEAD	Left	-5.09	-7.70	0.00	0.001	0.001	-149.643
			Right	-5.09	1.51	0.00	0.001	0.000	60.539
L6	S12-6	TORX	Left	1.21	14.67	0.00	-0.057	-0.006	507.167
			Right	1.21	14.67	0.00	-0.057	-0.001	-490.492
L6	S12-6	TORY	Left	1.47	17.90	0.00	-0.069	-0.008	618.673
			Right	1.47	17.90	0.00	-0.069	-0.001	-598.337
L6	S12-6	DX MAX	Left	25.25	376.67	0.04	0.130	0.542	13004.370
			Right	25.22	376.67	0.04	0.111	0.540	12608.108
L6	S12-6	DX MIN	Left	-25.25	-376.67	-0.04	-0.130	-0.542	-13004.370
			Right	-25.22	-376.67	-0.04	-0.111	-0.540	-12608.108
L6	S12-6	DY MAX	Left	12.87	98.93	0.37	1.183	5.647	3427.777
			Right	12.86	98.93	0.38	1.098	5.681	3299.264
L6	S12-6	DY MIN	Left	-12.87	-98.93	-0.37	-1.183	-5.647	-3427.777
			Right	-12.86	-98.93	-0.38	-1.098	-5.681	-3299.264
L6	S12-7	DEAD	Left	-5.95	-5.23	0.00	0.000	0.000	-70.204
			Right	-5.95	3.97	0.00	0.000	0.002	-27.397
L6	S12-7	TORX	Left	0.69	17.69	0.00	-0.058	-0.007	579.918
			Right	0.69	17.69	0.00	-0.058	-0.003	-622.854
L6	S12-7	TORY	Left	0.84	21.58	0.00	-0.071	-0.008	707.383
			Right	0.84	21.58	0.00	-0.070	-0.003	-759.832
L6	S12-7	DX MAX	Left	10.29	447.95	0.04	0.140	0.552	14653.466
			Right	10.46	447.95	0.04	0.116	0.555	15806.276
L6	S12-7	DX MIN	Left	-10.29	-447.95	-0.04	-0.140	-0.552	-14653.466
			Right	-10.46	-447.95	-0.04	-0.116	-0.555	-15806.276
L6	S12-7	DY MAX	Left	11.59	129.67	0.38	1.150	5.672	4277.538
			Right	11.58	129.67	0.38	1.129	5.778	4539.752
L6	S12-7	DY MIN	Left	-11.59	-129.67	-0.38	-1.150	-5.672	-4277.538
			Right	-11.58	-129.67	-0.38	-1.129	-5.778	-4539.752

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	S12-8	DEAD	Left	-7.05	-5.15	0.00	0.012	-0.138	-67.820
			Right	-7.05	4.87	0.00	0.012	0.205	-57.516
L6	S12-8	TORX	Left	0.56	19.64	0.00	-0.022	-0.010	734.224
			Right	0.56	19.64	0.00	-0.022	0.002	-719.473
L6	S12-8	TORY	Left	0.67	23.96	0.00	-0.027	-0.013	895.395
			Right	0.67	23.96	0.00	-0.026	0.003	-877.414
L6	S12-8	DX MAX	Left	2.75	456.02	0.04	0.359	0.808	16990.164
			Right	2.45	456.02	0.04	0.411	0.815	16754.231
L6	S12-8	DX MIN	Left	-2.75	-456.02	-0.04	-0.359	-0.808	-16990.164
			Right	-2.45	-456.02	-0.04	-0.411	-0.815	-16754.231
L6	S12-8	DY MAX	Left	17.00	204.14	0.42	1.060	7.130	7665.967
			Right	16.99	204.14	0.42	1.787	7.015	7440.043
L6	S12-8	DY MIN	Left	-17.00	-204.14	-0.42	-1.060	-7.130	-7665.967
			Right	-16.99	-204.14	-0.42	-1.787	-7.015	-7440.043
L6	SA-1	DEAD	Left	-6.71	-4.85	0.00	0.017	-0.196	-56.493
			Right	-6.71	5.17	0.00	0.017	0.135	-68.034
L6	SA-1	TORX	Left	0.49	-21.58	0.00	-0.034	-0.006	-790.846
			Right	0.49	-21.58	0.00	-0.035	0.010	806.408
L6	SA-1	TORY	Left	0.59	-26.33	0.00	-0.030	-0.007	-964.648
			Right	0.59	-26.33	0.00	-0.030	0.012	983.616
L6	SA-1	DX MAX	Left	17.81	217.27	0.43	1.811	7.164	7913.357
			Right	17.81	217.27	0.43	1.168	7.277	8164.631
L6	SA-1	DX MIN	Left	-17.81	-217.27	-0.43	-1.811	-7.164	-7913.357
			Right	-17.81	-217.27	-0.43	-1.168	-7.277	-8164.631
L6	SA-1	DY MAX	Left	2.86	421.14	0.06	0.447	1.090	15467.592
			Right	2.99	421.14	0.06	0.487	1.000	15695.399
L6	SA-1	DY MIN	Left	-2.86	-421.14	-0.06	-0.447	-1.090	-15467.592
			Right	-2.99	-421.14	-0.06	-0.487	-1.000	-15695.399

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SA-2	DEAD	Left	-5.48	0.40	0.00	-0.001	-0.001	128.402
			Right	-5.48	9.61	0.00	-0.001	0.002	-212.217
L6	SA-2	TORX	Left	0.68	-21.10	0.00	-0.058	0.001	-743.795
			Right	0.68	-21.10	0.00	-0.059	0.006	691.333
L6	SA-2	TORY	Left	0.82	-25.75	0.00	-0.071	0.001	-907.474
			Right	0.82	-25.75	0.00	-0.071	0.007	843.279
L6	SA-2	DX MAX	Left	12.11	145.23	0.39	1.142	5.936	5091.235
			Right	12.11	145.23	0.39	1.211	5.815	4784.102
L6	SA-2	DX MIN	Left	-12.11	-145.23	-0.39	-1.142	-5.936	-5091.235
			Right	-12.11	-145.23	-0.39	-1.211	-5.815	-4784.102
L6	SA-2	DY MAX	Left	9.94	436.42	0.04	0.178	0.661	15393.058
			Right	9.75	436.42	0.04	0.151	0.650	14282.528
L6	SA-2	DY MIN	Left	-9.94	-436.42	-0.04	-0.178	-0.661	-15393.058
			Right	-9.75	-436.42	-0.04	-0.151	-0.650	-14282.528
L6	SA-3	DEAD	Left	-4.54	5.84	0.00	0.000	0.001	311.283
			Right	-4.54	15.05	0.00	0.000	0.001	-398.927
L6	SA-3	TORX	Left	1.21	-19.01	0.00	-0.057	0.000	-638.752
			Right	1.21	-19.01	0.00	-0.057	0.005	653.646
L6	SA-3	TORY	Left	1.47	-23.18	0.00	-0.070	0.000	-779.070
			Right	1.47	-23.18	0.00	-0.070	0.006	797.219
L6	SA-3	DX MAX	Left	12.77	120.23	0.40	1.172	5.990	4029.408
			Right	12.78	120.23	0.37	1.172	5.671	4146.242
L6	SA-3	DX MIN	Left	-12.77	-120.23	-0.40	-1.172	-5.990	-4029.408
			Right	-12.78	-120.23	-0.37	-1.172	-5.671	-4146.242
L6	SA-3	DY MAX	Left	22.12	395.04	0.04	0.161	0.605	13291.941
			Right	22.16	395.04	0.04	0.153	0.573	13570.113
L6	SA-3	DY MIN	Left	-22.12	-395.04	-0.04	-0.161	-0.605	-13291.941
			Right	-22.16	-395.04	-0.04	-0.153	-0.573	-13570.113

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SA-4	DEAD	Left	-4.12	6.78	0.00	0.000	0.001	345.002
			Right	-4.12	15.98	0.00	0.000	0.001	-428.835
L6	SA-4	TORX	Left	1.47	-13.53	0.00	-0.056	-0.001	-451.419
			Right	1.47	-13.53	0.00	-0.056	0.004	468.719
L6	SA-4	TORY	Left	1.79	-16.51	0.00	-0.068	-0.001	-550.681
			Right	1.79	-16.51	0.00	-0.069	0.005	571.832
L6	SA-4	DX MAX	Left	11.91	77.17	0.39	1.185	5.823	2571.636
			Right	11.92	77.17	0.39	1.163	5.777	2675.636
L6	SA-4	DX MIN	Left	-11.91	-77.17	-0.39	-1.185	-5.823	-2571.636
			Right	-11.92	-77.17	-0.39	-1.163	-5.777	-2675.636
L6	SA-4	DY MAX	Left	30.31	282.45	0.04	0.147	0.534	9422.747
			Right	30.37	282.45	0.04	0.153	0.531	9783.470
L6	SA-4	DY MIN	Left	-30.31	-282.45	-0.04	-0.147	-0.534	-9422.747
			Right	-30.37	-282.45	-0.04	-0.153	-0.531	-9783.470
L6	SA-5	DEAD	Left	-4.75	-10.63	0.00	0.000	0.001	-249.381
			Right	-4.75	-1.42	0.00	-0.001	0.001	160.277
L6	SA-5	TORX	Left	-1.39	-10.63	0.00	-0.056	-0.005	-370.225
			Right	-1.39	-10.63	0.00	-0.056	0.001	352.885
L6	SA-5	TORY	Left	-1.68	-12.98	0.00	-0.068	-0.006	-451.971
			Right	-1.68	-12.98	0.00	-0.069	0.001	430.816
L6	SA-5	DX MAX	Left	9.62	42.26	0.38	1.166	5.638	1479.210
			Right	9.63	42.26	0.38	1.121	5.691	1394.367
L6	SA-5	DX MIN	Left	-9.62	-42.26	-0.38	-1.166	-5.638	-1479.210
			Right	-9.63	-42.26	-0.38	-1.121	-5.691	-1394.367
L6	SA-5	DY MAX	Left	29.22	229.43	0.04	0.173	0.670	7978.311
			Right	29.18	229.43	0.04	0.163	0.673	7621.771
L6	SA-5	DY MIN	Left	-29.22	-229.43	-0.04	-0.173	-0.670	-7978.311
			Right	-29.18	-229.43	-0.04	-0.163	-0.673	-7621.771

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SA-6	DEAD	Left	-5.27	-11.27	0.00	0.000	0.001	-272.771
			Right	-5.26	-2.08	0.00	0.000	0.001	180.436
L6	SA-6	TORX	Left	-1.26	-16.60	0.00	-0.058	-0.005	-573.865
			Right	-1.26	-16.60	0.00	-0.058	0.000	555.078
L6	SA-6	TORY	Left	-1.53	-20.25	0.00	-0.071	-0.006	-699.975
			Right	-1.53	-20.25	0.00	-0.070	0.000	677.064
L6	SA-6	DX MAX	Left	11.61	82.04	0.38	1.187	5.643	2846.438
			Right	11.62	82.04	0.38	1.111	5.676	2732.465
L6	SA-6	DX MIN	Left	-11.61	-82.04	-0.38	-1.187	-5.643	-2846.438
			Right	-11.62	-82.04	-0.38	-1.111	-5.676	-2732.465
L6	SA-6	DY MAX	Left	23.77	353.25	0.05	0.193	0.747	12194.187
			Right	23.73	353.25	0.05	0.161	0.746	11825.850
L6	SA-6	DY MIN	Left	-23.77	-353.25	-0.05	-0.193	-0.747	-12194.187
			Right	-23.73	-353.25	-0.05	-0.161	-0.746	-11825.850
L6	SA-7	DEAD	Left	-5.89	-9.13	0.00	0.000	0.002	-197.842
			Right	-5.89	0.08	0.00	0.000	-0.001	109.966
L6	SA-7	TORX	Left	-0.66	-19.88	0.00	-0.060	-0.006	-651.036
			Right	-0.66	-19.88	0.00	-0.059	-0.001	701.029
L6	SA-7	TORY	Left	-0.81	-24.25	0.00	-0.073	-0.007	-794.106
			Right	-0.81	-24.25	0.00	-0.072	-0.001	855.167
L6	SA-7	DX MAX	Left	11.35	112.17	0.37	1.150	5.597	3703.126
			Right	11.35	112.17	0.38	1.125	5.700	3924.208
L6	SA-7	DX MIN	Left	-11.35	-112.17	-0.37	-1.150	-5.597	-3703.126
			Right	-11.35	-112.17	-0.38	-1.125	-5.700	-3924.208
L6	SA-7	DY MAX	Left	9.72	418.16	0.05	0.209	0.820	13678.946
			Right	9.89	418.16	0.05	0.165	0.825	14755.005
L6	SA-7	DY MIN	Left	-9.72	-418.16	-0.05	-0.209	-0.820	-13678.946
			Right	-9.89	-418.16	-0.05	-0.165	-0.825	-14755.005

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SA-8	DEAD	Left	-6.78	-7.58	0.00	-0.016	0.134	-157.782
			Right	-6.78	2.45	0.00	-0.016	-0.196	32.007
L6	SA-8	TORX	Left	-0.47	-21.28	0.00	-0.026	-0.010	-784.717
			Right	-0.47	-21.28	0.00	-0.026	0.006	780.174
L6	SA-8	TORY	Left	-0.57	-25.96	0.00	-0.032	-0.012	-969.224
			Right	-0.57	-25.96	0.00	-0.032	0.009	951.500
L6	SA-8	DX MAX	Left	17.38	195.74	0.41	1.177	6.896	7358.160
			Right	17.38	195.74	0.41	1.773	6.779	7127.053
L6	SA-8	DX MIN	Left	-17.38	-195.74	-0.41	-1.177	-6.896	-7358.160
			Right	-17.38	-195.74	-0.41	-1.773	-6.779	-7127.053
L6	SA-8	DY MAX	Left	3.22	420.55	0.07	0.527	1.200	15665.568
			Right	3.01	420.55	0.07	0.447	1.273	15453.973
L6	SA-8	DY MIN	Left	-3.22	-420.55	-0.07	-0.527	-1.200	-15665.568
			Right	-3.01	-420.55	-0.07	-0.447	-1.273	-15453.973
L6	SP-1	DEAD	Left	-7.06	-5.78	0.00	-0.014	0.204	-91.035
			Right	-7.06	4.24	0.00	-0.014	-0.138	-34.309
L6	SP-1	TORX	Left	-0.62	20.99	0.00	-0.023	-0.004	768.472
			Right	-0.62	20.99	0.00	-0.024	0.009	-784.928
L6	SP-1	TORY	Left	-0.75	25.61	0.00	-0.028	-0.005	937.449
			Right	-0.75	25.61	0.00	-0.029	0.011	-957.501
L6	SP-1	DX MAX	Left	18.77	202.28	0.43	1.803	7.165	7360.174
			Right	18.78	202.28	0.43	1.188	7.273	7608.864
L6	SP-1	DX MIN	Left	-18.77	-202.28	-0.43	-1.803	-7.165	-7360.174
			Right	-18.78	-202.28	-0.43	-1.188	-7.273	-7608.864
L6	SP-1	DY MAX	Left	2.75	439.53	0.06	0.407	1.018	16132.022
			Right	2.94	439.53	0.06	0.346	1.027	16391.692
L6	SP-1	DY MIN	Left	-2.75	-439.53	-0.06	-0.407	-1.018	-16132.022
			Right	-2.94	-439.53	-0.06	-0.346	-1.027	-16391.692

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SP-2	DEAD	Left	-5.19	3.98	0.00	0.000	0.002	228.899
			Right	-5.19	13.19	0.00	0.000	-0.001	-355.031
L6	SP-2	TORX	Left	-0.71	22.45	0.00	-0.059	0.001	793.100
			Right	-0.71	22.45	0.00	-0.059	0.005	-733.423
L6	SP-2	TORY	Left	-0.87	27.37	0.00	-0.071	0.001	966.978
			Right	-0.87	27.37	0.00	-0.072	0.006	-894.143
L6	SP-2	DX MAX	Left	11.37	152.65	0.39	1.151	5.940	5340.453
			Right	11.38	152.65	0.39	1.201	5.816	5039.907
L6	SP-2	DX MIN	Left	-11.37	-152.65	-0.39	-1.151	-5.940	-5340.453
			Right	-11.38	-152.65	-0.39	-1.201	-5.816	-5039.907
L6	SP-2	DY MAX	Left	11.29	471.63	0.04	0.162	0.665	16710.617
			Right	11.19	471.63	0.04	0.177	0.658	15359.140
L6	SP-2	DY MIN	Left	-11.29	-471.63	-0.04	-0.162	-0.665	-16710.617
			Right	-11.19	-471.63	-0.04	-0.177	-0.658	-15359.140
L6	SP-3	DEAD	Left	-5.28	0.12	0.00	-0.001	0.000	149.558
			Right	-5.28	9.33	0.00	-0.001	0.000	-171.779
L6	SP-3	TORX	Left	-1.34	24.28	0.00	-0.055	-0.001	827.456
			Right	-1.34	24.28	0.00	-0.055	0.005	-823.914
L6	SP-3	TORY	Left	-1.63	29.57	0.00	-0.067	-0.001	1007.373
			Right	-1.63	29.57	0.00	-0.068	0.006	-1003.150
L6	SP-3	DX MAX	Left	13.37	153.75	0.40	1.199	5.990	5263.151
			Right	13.38	153.75	0.37	1.172	5.679	5192.216
L6	SP-3	DX MIN	Left	-13.37	-153.75	-0.40	-1.199	-5.990	-5263.151
			Right	-13.38	-153.75	-0.37	-1.172	-5.679	-5192.216
L6	SP-3	DY MAX	Left	26.13	516.85	0.04	0.154	0.611	17586.597
			Right	26.15	516.85	0.04	0.151	0.585	17559.029
L6	SP-3	DY MIN	Left	-26.13	-516.85	-0.04	-0.154	-0.611	-17586.597
			Right	-26.15	-516.85	-0.04	-0.151	-0.585	-17559.029

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SP-4	DEAD	Left	-3.78	-7.57	0.00	-0.001	0.000	-169.913
			Right	-3.78	1.64	0.00	-0.001	0.000	31.630
L6	SP-4	TORX	Left	-1.09	9.39	0.00	-0.056	-0.001	292.961
			Right	-1.09	9.39	0.00	-0.056	0.004	-345.806
L6	SP-4	TORY	Left	-1.33	11.47	0.00	-0.068	-0.002	357.970
			Right	-1.33	11.47	0.00	-0.069	0.005	-422.275
L6	SP-4	DX MAX	Left	8.32	41.60	0.39	1.169	5.833	1235.609
			Right	8.33	41.60	0.39	1.169	5.794	1594.832
L6	SP-4	DX MIN	Left	-8.32	-41.60	-0.39	-1.169	-5.833	-1235.609
			Right	-8.33	-41.60	-0.39	-1.169	-5.794	-1594.832
L6	SP-4	DY MAX	Left	23.70	215.68	0.04	0.147	0.544	6809.471
			Right	23.72	215.68	0.04	0.148	0.548	7858.845
L6	SP-4	DY MIN	Left	-23.70	-215.68	-0.04	-0.147	-0.544	-6809.471
			Right	-23.72	-215.68	-0.04	-0.148	-0.548	-7858.845
L6	SP-5	DEAD	Left	-4.60	-10.29	0.00	0.001	0.000	-237.694
			Right	-4.60	-1.08	0.00	0.001	0.000	149.124
L6	SP-5	TORX	Left	1.51	10.45	0.00	-0.056	-0.004	363.914
			Right	1.51	10.45	0.00	-0.056	0.001	-346.717
L6	SP-5	TORY	Left	1.83	12.76	0.00	-0.068	-0.005	444.404
			Right	1.83	12.76	0.00	-0.068	0.001	-423.410
L6	SP-5	DX MAX	Left	9.58	48.62	0.38	1.167	5.641	1701.577
			Right	9.58	48.62	0.38	1.130	5.695	1604.903
L6	SP-5	DX MIN	Left	-9.58	-48.62	-0.38	-1.167	-5.641	-1701.577
			Right	-9.58	-48.62	-0.38	-1.130	-5.695	-1604.903
L6	SP-5	DY MAX	Left	32.73	237.73	0.04	0.167	0.651	8370.569
			Right	32.70	237.73	0.04	0.160	0.653	7893.976
L6	SP-5	DY MIN	Left	-32.73	-237.73	-0.04	-0.167	-0.651	-8370.569
			Right	-32.70	-237.73	-0.04	-0.160	-0.653	-7893.976

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SP-6	DEAD	Left	-5.11	-10.34	0.00	0.001	0.000	-240.195
			Right	-5.11	-1.13	0.00	0.001	0.000	149.712
L6	SP-6	TORX	Left	1.37	16.85	0.00	-0.057	-0.005	592.360
			Right	1.37	16.85	0.00	-0.057	0.000	-563.404
L6	SP-6	TORY	Left	1.66	20.55	0.00	-0.070	-0.006	710.304
			Right	1.66	20.55	0.00	-0.070	0.000	-687.304
L6	SP-6	DX MAX	Left	11.46	89.54	0.38	1.191	5.647	3106.124
			Right	11.46	89.54	0.38	1.108	5.679	2982.419
L6	SP-6	DX MIN	Left	-11.46	-89.54	-0.38	-1.191	-5.647	-3106.124
			Right	-11.46	-89.54	-0.38	-1.108	-5.679	-2982.419
L6	SP-6	DY MAX	Left	27.19	373.21	0.05	0.174	0.725	12886.969
			Right	27.15	373.21	0.05	0.177	0.727	12490.668
L6	SP-6	DY MIN	Left	-27.19	-373.21	-0.05	-0.174	-0.725	-12886.969
			Right	-27.15	-373.21	-0.05	-0.177	-0.727	-12490.668
L6	SP-7	DEAD	Left	-5.81	-7.76	0.00	0.000	-0.001	-152.440
			Right	-5.81	1.45	0.00	0.000	0.001	61.851
L6	SP-7	TORX	Left	0.72	20.22	0.00	-0.059	-0.006	663.086
			Right	0.72	20.22	0.00	-0.059	-0.001	-711.984
L6	SP-7	TORY	Left	0.87	24.67	0.00	-0.072	-0.007	808.968
			Right	0.87	24.67	0.00	-0.072	-0.001	-868.719
L6	SP-7	DX MAX	Left	11.08	121.85	0.37	1.155	5.601	4015.278
			Right	11.09	121.85	0.38	1.119	5.701	4270.625
L6	SP-7	DX MIN	Left	-11.08	-121.85	-0.37	-1.155	-5.601	-4015.278
			Right	-11.09	-121.85	-0.38	-1.119	-5.701	-4270.625
L6	SP-7	DY MAX	Left	11.93	446.71	0.05	0.194	0.798	14625.620
			Right	12.07	446.71	0.05	0.201	0.818	15749.433
L6	SP-7	DY MIN	Left	-11.93	-446.71	-0.05	-0.194	-0.798	-14625.620
			Right	-12.07	-446.71	-0.05	-0.201	-0.818	-15749.433

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L6	SP-8	DEAD	Left	-6.71	-5.15	0.00	0.022	-0.134	-66.866
			Right	-6.71	4.87	0.00	0.022	0.199	-58.361
L6	SP-8	TORX	Left	0.46	21.94	0.00	-0.025	-0.011	819.294
			Right	0.46	21.94	0.00	-0.025	0.008	-804.196
L6	SP-8	TORY	Left	0.56	26.77	0.00	-0.030	-0.013	999.629
			Right	0.56	26.77	0.00	-0.030	0.010	-981.223
L6	SP-8	DX MAX	Left	16.98	203.47	0.41	1.169	6.899	7642.517
			Right	16.99	203.47	0.41	1.739	6.776	7414.442
L6	SP-8	DX MIN	Left	-16.98	-203.47	-0.41	-1.169	-6.899	-7642.517
			Right	-16.99	-203.47	-0.41	-1.739	-6.776	-7414.442
L6	SP-8	DY MAX	Left	2.23	467.48	0.07	0.373	1.233	17418.372
			Right	1.90	467.48	0.07	0.455	1.209	17173.639
L6	SP-8	DY MIN	Left	-2.23	-467.48	-0.07	-0.373	-1.233	-17418.372
			Right	-1.90	-467.48	-0.07	-0.455	-1.209	-17173.639
L5	S1-1	DEAD	Left	-7.64	-2.36	-0.01	0.011	-0.227	23.854
			Right	-7.84	7.47	-0.01	0.011	0.148	-164.936
L5	S1-1	TORX	Left	0.82	-20.38	0.00	-0.030	0.003	-741.992
			Right	0.83	-20.38	0.00	-0.030	0.002	766.063
L5	S1-1	TORY	Left	1.00	-24.93	0.00	-0.036	0.003	-907.807
			Right	1.00	-24.93	0.00	-0.036	0.003	937.234
L5	S1-1	DX MAX	Left	3.17	491.84	0.06	0.333	1.069	18019.830
			Right	3.67	491.84	0.06	0.337	0.976	18375.444
L5	S1-1	DX MIN	Left	-3.17	-491.84	-0.06	-0.333	-1.069	-18019.830
			Right	-3.67	-491.84	-0.06	-0.337	-0.976	-18375.444
L5	S1-1	DY MAX	Left	21.01	177.60	0.38	1.579	6.378	6401.429
			Right	21.00	177.60	0.37	1.254	6.325	6741.542
L5	S1-1	DY MIN	Left	-21.01	-177.60	-0.38	-1.579	-6.378	-6401.429
			Right	-21.00	-177.60	-0.37	-1.254	-6.325	-6741.542

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S1-2	DEAD	Left	-6.83	-0.62	0.00	-0.001	-0.001	79.088
			Right	-6.83	8.41	0.00	-0.001	0.000	-186.007
L5	S1-2	TORX	Left	0.44	-17.33	0.00	-0.051	0.002	-610.584
			Right	0.44	-17.33	0.00	-0.052	0.003	561.104
L5	S1-2	TORY	Left	0.54	-21.08	0.00	-0.063	0.002	-746.918
			Right	0.54	-21.08	0.00	-0.063	0.004	686.305
L5	S1-2	DX MAX	Left	10.03	469.39	0.05	0.199	0.684	16676.276
			Right	9.59	469.39	0.04	0.151	0.655	15241.610
L5	S1-2	DX MIN	Left	-10.03	-469.39	-0.05	-0.199	-0.684	-16676.276
			Right	-9.59	-469.39	-0.04	-0.151	-0.655	-15241.610
L5	S1-2	DY MAX	Left	11.37	97.61	0.34	1.208	5.274	3436.184
			Right	11.37	97.61	0.34	1.227	5.071	3201.737
L5	S1-2	DY MIN	Left	-11.37	-97.61	-0.34	-1.208	-5.274	-3436.184
			Right	-11.37	-97.61	-0.34	-1.227	-5.071	-3201.737
L5	S1-3	DEAD	Left	-5.95	1.25	0.00	0.000	0.000	146.679
			Right	-5.95	10.28	0.00	0.000	0.000	-245.171
L5	S1-3	TORX	Left	1.41	-13.24	0.00	-0.053	-0.003	-440.819
			Right	1.41	-13.24	0.00	-0.054	0.004	459.461
L5	S1-3	TORY	Left	1.71	-16.19	0.00	-0.065	-0.004	-539.135
			Right	1.71	-16.19	0.00	-0.065	0.005	561.905
L5	S1-3	DX MAX	Left	29.64	371.81	0.04	0.167	0.630	12416.391
			Right	29.71	371.81	0.04	0.158	0.628	12866.025
L5	S1-3	DX MIN	Left	-29.64	-371.81	-0.04	-0.167	-0.630	-12416.391
			Right	-29.71	-371.81	-0.04	-0.158	-0.628	-12866.025
L5	S1-3	DY MAX	Left	11.96	64.47	0.34	1.172	5.137	2130.308
			Right	11.85	64.47	0.34	1.232	5.146	2253.544
L5	S1-3	DY MIN	Left	-11.86	-64.47	-0.34	-1.172	-5.137	-2130.308
			Right	-11.85	-64.47	-0.34	-1.232	-5.146	-2253.544

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S1-4	DEAD	Left	-5.20	0.50	0.00	-0.001	0.000	127.634
			Right	-5.20	9.54	0.00	-0.001	0.000	-213.783
L5	S1-4	TORX	Left	1.54	-8.75	0.00	-0.054	-0.003	-288.449
			Right	1.54	-8.75	0.00	-0.054	0.003	306.333
L5	S1-4	TORY	Left	1.87	-10.71	0.00	-0.066	-0.004	-353.177
			Right	1.87	-10.71	0.00	-0.066	0.004	375.053
L5	S1-4	DX MAX	Left	36.90	254.22	0.04	0.146	0.597	8403.092
			Right	36.97	254.22	0.04	0.154	0.594	8883.693
L5	S1-4	DX MIN	Left	-36.90	-254.22	-0.04	-0.146	-0.597	-8403.092
			Right	-36.97	-254.22	-0.04	-0.154	-0.594	-8883.693
L5	S1-4	DY MAX	Left	9.61	35.64	0.34	1.128	5.149	1170.843
			Right	9.59	35.64	0.34	1.246	5.129	1252.533
L5	S1-4	DY MIN	Left	-9.61	-35.64	-0.34	-1.128	-5.149	-1170.843
			Right	-9.59	-35.64	-0.34	-1.246	-5.129	-1252.533
L5	S1-5	DEAD	Left	-5.27	-8.79	0.00	0.001	0.000	-188.120
			Right	-5.27	0.24	0.00	0.001	-0.001	102.498
L5	S1-5	TORX	Left	-1.56	-8.89	0.00	-0.054	-0.006	-310.713
			Right	-1.56	-8.89	0.00	-0.054	0.001	293.986
L5	S1-5	TORY	Left	-1.90	-10.89	0.00	-0.066	-0.007	-380.414
			Right	-1.90	-10.89	0.00	-0.066	0.001	359.957
L5	S1-5	DX MAX	Left	35.88	250.65	0.03	0.135	0.502	8737.648
			Right	35.81	250.65	0.03	0.113	0.502	8305.722
L5	S1-5	DX MIN	Left	-35.88	-250.65	-0.03	-0.135	-0.502	-8737.648
			Right	-35.81	-250.65	-0.03	-0.113	-0.502	-8305.722
L5	S1-5	DY MAX	Left	13.53	52.37	0.34	1.236	5.177	1835.308
			Right	13.52	52.37	0.34	1.149	5.192	1725.939
L5	S1-5	DY MIN	Left	-13.53	-52.37	-0.34	-1.236	-5.177	-1835.308
			Right	-13.52	-52.37	-0.34	-1.149	-5.192	-1725.939

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S1-6	DEAD	Left	-6.10	-9.85	0.00	0.001	0.000	-232.500
			Right	-6.10	-0.82	0.00	0.001	-0.001	130.419
L5	S1-6	TORX	Left	-1.49	-13.52	0.00	-0.055	-0.008	-471.102
			Right	-1.49	-13.52	0.00	-0.054	0.001	447.845
L5	S1-6	TORY	Left	-1.82	-16.53	0.00	-0.067	-0.007	-576.126
			Right	-1.82	-16.53	0.00	-0.066	0.001	547.832
L5	S1-6	DX MAX	Left	29.82	363.83	0.03	0.157	0.521	12640.953
			Right	29.75	363.83	0.03	0.119	0.519	12098.264
L5	S1-6	DX MIN	Left	-29.82	-363.83	-0.03	-0.157	-0.521	-12640.953
			Right	-29.75	-363.83	-0.03	-0.119	-0.519	-12098.264
L5	S1-6	DY MAX	Left	15.91	95.01	0.34	1.251	5.190	3328.667
			Right	15.90	95.01	0.34	1.152	5.187	3132.075
L5	S1-6	DY MIN	Left	-15.91	-95.01	-0.34	-1.251	-5.190	-3328.667
			Right	-15.90	-95.01	-0.34	-1.152	-5.187	-3132.075
L5	S1-7	DEAD	Left	-6.92	-9.15	0.00	0.000	0.000	-209.325
			Right	-6.92	-0.12	0.00	0.000	-0.001	105.990
L5	S1-7	TORX	Left	-0.46	-17.53	0.00	-0.053	-0.005	-570.160
			Right	-0.46	-17.53	0.00	-0.053	-0.004	621.832
L5	S1-7	TORY	Left	-0.56	-21.44	0.00	-0.065	-0.006	-697.361
			Right	-0.56	-21.44	0.00	-0.064	-0.004	760.656
L5	S1-7	DX MAX	Left	9.69	453.50	0.03	0.182	0.536	14702.341
			Right	10.13	453.50	0.03	0.128	0.545	16134.930
L5	S1-7	DX MIN	Left	-9.69	-453.50	-0.03	-0.182	-0.536	-14702.341
			Right	-10.13	-453.50	-0.03	-0.128	-0.545	-16134.930
L5	S1-7	DY MAX	Left	12.59	136.14	0.34	1.265	5.129	4460.037
			Right	12.59	136.14	0.34	1.155	5.304	4797.601
L5	S1-7	DY MIN	Left	-12.59	-136.14	-0.34	-1.265	-5.129	-4460.037
			Right	-12.59	-136.14	-0.34	-1.155	-5.304	-4797.601

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S1-8	DEAD	Left	-7.81	-11.13	0.01	-0.013	0.148	-302.683
			Right	-7.81	-1.30	0.01	-0.013	-0.227	156.927
L5	S1-8	TORX	Left	-0.89	-21.01	0.00	-0.031	-0.004	-789.430
			Right	-0.89	-21.01	0.00	-0.030	-0.004	765.338
L5	S1-8	TORY	Left	-1.08	-25.71	0.00	-0.038	-0.005	-965.864
			Right	-1.08	-25.71	0.00	-0.037	-0.005	936.407
L5	S1-8	DX MAX	Left	3.72	472.29	0.04	0.365	0.760	17636.321
			Right	3.26	472.29	0.04	0.311	0.907	17312.016
L5	S1-8	DX MIN	Left	-3.72	-472.29	-0.04	-0.365	-0.760	-17636.321
			Right	-3.26	-472.29	-0.04	-0.311	-0.907	-17312.016
L5	S1-8	DY MAX	Left	22.94	222.81	0.37	1.246	6.341	8442.147
			Right	22.93	222.81	0.38	1.493	6.376	8645.874
L5	S1-8	DY MIN	Left	-22.94	-222.81	-0.37	-1.246	-6.341	-8442.147
			Right	-22.93	-222.81	-0.38	-1.493	-6.376	-8645.874
L5	S12-1	DEAD	Left	-7.76	-3.28	0.01	-0.010	0.233	-10.785
			Right	-7.76	6.55	0.01	-0.010	-0.146	-132.044
L5	S12-1	TORX	Left	-0.82	20.34	0.00	-0.032	0.003	740.448
			Right	-0.82	20.34	0.00	-0.032	0.003	-764.437
L5	S12-1	TORY	Left	-0.99	24.88	0.00	-0.039	0.003	905.844
			Right	-0.99	24.88	0.00	-0.039	0.004	-935.173
L5	S12-1	DX MAX	Left	2.62	493.40	0.06	0.298	1.042	18077.036
			Right	3.13	493.40	0.06	0.305	0.974	18433.340
L5	S12-1	DX MIN	Left	-2.62	-493.40	-0.06	-0.298	-1.042	-18077.036
			Right	-3.13	-493.40	-0.06	-0.305	-0.974	-18433.340
L5	S12-1	DY MAX	Left	20.79	175.28	0.38	1.553	6.391	6314.900
			Right	20.78	175.28	0.37	1.256	6.330	6656.206
L5	S12-1	DY MIN	Left	-20.79	-175.28	-0.38	-1.553	-6.391	-6314.900
			Right	-20.78	-175.28	-0.37	-1.256	-6.330	-6656.206

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S12-2	DEAD	Left	-6.91	-2.16	0.00	0.003	0.005	24.375
			Right	-6.91	6.87	0.00	0.003	0.002	-135.535
L5	S12-2	TORX	Left	-0.46	17.25	0.00	-0.054	0.003	611.257
			Right	-0.46	17.25	0.00	-0.054	0.005	-561.800
L5	S12-2	TORY	Left	-0.55	21.10	0.00	-0.067	0.004	747.721
			Right	-0.55	21.10	0.00	-0.067	0.006	-687.134
L5	S12-2	DX MAX	Left	10.62	460.61	0.04	0.136	0.700	16363.195
			Right	10.18	460.61	0.04	0.218	0.695	14957.195
L5	S12-2	DX MIN	Left	-10.62	-460.61	-0.04	-0.136	-0.700	-16363.195
			Right	-10.18	-460.61	-0.04	-0.218	-0.695	-14957.195
L5	S12-2	DY MAX	Left	11.00	97.92	0.34	1.206	5.281	3447.727
			Right	11.00	97.92	0.34	1.202	5.080	3211.062
L5	S12-2	DY MIN	Left	-11.00	-97.92	-0.34	-1.206	-5.281	-3447.727
			Right	-11.00	-97.92	-0.34	-1.202	-5.080	-3211.062
L5	S12-3	DEAD	Left	-5.97	0.00	0.00	0.003	0.003	104.392
			Right	-5.97	9.03	0.00	0.003	0.002	-202.857
L5	S12-3	TORX	Left	-1.43	13.31	0.00	-0.055	-0.001	443.114
			Right	-1.43	13.31	0.00	-0.055	0.006	-462.029
L5	S12-3	TORY	Left	-1.74	16.28	0.00	-0.067	-0.001	542.013
			Right	-1.74	16.28	0.00	-0.068	0.007	-565.128
L5	S12-3	DX MAX	Left	30.63	362.43	0.04	0.138	0.665	12095.988
			Right	30.69	362.43	0.04	0.191	0.671	12548.112
L5	S12-3	DX MIN	Left	-30.63	-362.43	-0.04	-0.138	-0.665	-12095.988
			Right	-30.69	-362.43	-0.04	-0.191	-0.671	-12548.112
L5	S12-3	DY MAX	Left	11.64	65.46	0.34	1.187	5.142	3164.342
			Right	11.63	65.46	0.34	1.202	5.147	3287.164
L5	S12-3	DY MIN	Left	-11.64	-65.46	-0.34	-1.187	-5.142	-3164.342
			Right	-11.63	-65.46	-0.34	-1.202	-5.147	-3287.164

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S12-4	DEAD	Left	-5.17	-0.24	0.00	0.002	0.002	102.614
			Right	-5.17	8.77	0.00	0.002	0.002	-186.879
L5	S12-4	TORX	Left	-1.55	8.75	0.00	-0.054	-0.001	288.739
			Right	-1.55	8.75	0.00	-0.054	0.006	-306.272
L5	S12-4	TORY	Left	-1.89	10.72	0.00	-0.066	-0.001	353.601
			Right	-1.89	10.72	0.00	-0.066	0.007	-375.027
L5	S12-4	DX MAX	Left	37.40	246.70	0.04	0.148	0.638	8154.267
			Right	37.47	246.70	0.04	0.161	0.637	8620.595
L5	S12-4	DX MIN	Left	-37.40	-246.70	-0.04	-0.148	-0.638	-8154.267
			Right	-37.47	-246.70	-0.04	-0.161	-0.637	-8620.595
L5	S12-4	DY MAX	Left	9.50	36.83	0.34	1.147	5.148	1210.208
			Right	9.49	36.83	0.34	1.227	5.124	1294.409
L5	S12-4	DY MIN	Left	-9.50	-36.83	-0.34	-1.147	-5.148	-1210.208
			Right	-9.49	-36.83	-0.34	-1.227	-5.124	-1294.409
L5	S12-5	DEAD	Left	-4.98	-7.53	0.00	-0.001	0.002	-143.783
			Right	-4.98	1.50	0.00	-0.002	0.002	61.263
L5	S12-5	TORX	Left	1.56	8.94	0.00	-0.055	-0.008	312.307
			Right	1.56	8.94	0.00	-0.054	-0.001	-295.950
L5	S12-5	TORY	Left	1.90	10.95	0.00	-0.067	-0.010	382.452
			Right	1.90	10.95	0.00	-0.066	-0.001	-362.464
L5	S12-5	DX MAX	Left	36.74	246.22	0.03	0.135	0.478	8582.431
			Right	36.67	246.22	0.03	0.121	0.480	8159.535
L5	S12-5	DX MIN	Left	-36.74	-246.22	-0.03	-0.135	-0.478	-8582.431
			Right	-36.67	-246.22	-0.03	-0.121	-0.480	-8159.535
L5	S12-5	DY MAX	Left	11.26	46.78	0.34	1.230	5.157	1637.828
			Right	12.25	46.78	0.34	1.155	5.173	1542.889
L5	S12-5	DY MIN	Left	-12.26	-46.78	-0.34	-1.230	-5.157	-1637.828
			Right	-12.25	-46.78	-0.34	-1.155	-5.173	-1542.889

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S12-6	DEAD	Left	-5.85	-6.95	0.00	-0.002	0.002	-131.591
			Right	-5.85	2.08	0.00	-0.002	0.002	34.124
L5	S12-6	TORX	Left	1.48	13.72	0.00	-0.057	-0.008	478.239
			Right	1.48	13.72	0.00	-0.057	0.000	-454.765
L5	S12-6	TORY	Left	1.81	16.78	0.00	-0.070	-0.010	585.008
			Right	1.81	16.78	0.00	-0.070	-0.001	-556.312
L5	S12-6	DX MAX	Left	31.09	361.36	0.03	0.136	0.501	12564.109
			Right	31.03	361.36	0.03	0.138	0.502	12007.580
L5	S12-6	DX MIN	Left	-31.09	-361.36	-0.03	-0.136	-0.501	-12564.109
			Right	-31.03	-361.36	-0.03	-0.138	-0.502	-12007.580
L5	S12-6	DY MAX	Left	14.40	85.89	0.34	1.228	5.170	3009.069
			Right	14.39	85.89	0.34	1.164	5.171	2831.701
L5	S12-6	DY MIN	Left	-14.40	-85.89	-0.34	-1.228	-5.170	-3009.069
			Right	-14.39	-85.89	-0.34	-1.164	-5.171	-2831.701
L5	S12-7	DEAD	Left	-6.92	-4.57	0.00	-0.002	0.001	-60.013
			Right	-6.92	4.46	0.00	-0.002	0.004	-56.249
L5	S12-7	TORX	Left	0.41	17.77	0.00	-0.057	-0.007	577.925
			Right	0.41	17.77	0.00	-0.057	-0.004	-630.630
L5	S12-7	TORY	Left	0.50	21.74	0.00	-0.070	-0.008	706.903
			Right	0.50	21.74	0.00	-0.070	-0.005	-771.469
L5	S12-7	DX MAX	Left	10.17	456.55	0.03	0.151	0.519	14801.395
			Right	10.62	456.55	0.04	0.151	0.538	16243.302
L5	S12-7	DX MIN	Left	-10.17	-456.55	-0.03	-0.151	-0.519	-14801.395
			Right	-10.62	-456.55	-0.04	-0.151	-0.538	-16243.302
L5	S12-7	DY MAX	Left	11.51	122.74	0.34	1.236	5.107	4020.986
			Right	11.51	122.74	0.34	1.161	5.293	4325.636
L5	S12-7	DY MIN	Left	-11.51	-122.74	-0.34	-1.236	-5.107	-4020.986
			Right	-11.51	-122.74	-0.34	-1.161	-5.293	-4325.636

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	S12-8	DEAD	Left	-7.89	-5.22	-0.01	0.008	-0.153	-82.432
			Right	-7.89	4.61	-0.01	0.008	0.242	-59.602
L5	S12-8	TORX	Left	0.79	20.98	0.00	-0.034	-0.006	788.104
			Right	0.79	20.98	0.00	-0.033	-0.001	-764.549
L5	S12-8	TORY	Left	0.96	25.67	0.00	-0.042	-0.007	964.166
			Right	0.96	25.67	0.00	-0.041	-0.002	-935.366
L5	S12-8	DX MAX	Left	3.25	488.64	0.04	0.221	0.800	18244.427
			Right	3.75	488.64	0.04	0.265	0.870	17914.000
L5	S12-8	DX MIN	Left	-3.25	-488.64	-0.04	-0.221	-0.800	-18244.427
			Right	-3.75	-488.64	-0.04	-0.265	-0.870	-17914.000
L5	S12-8	DY MAX	Left	20.83	200.28	0.37	1.222	6.321	7594.071
			Right	20.82	200.28	0.38	1.487	6.380	7226.689
L5	S12-8	DY MIN	Left	-20.83	-200.28	-0.37	-1.222	-6.321	-7594.071
			Right	-20.82	-200.28	-0.38	-1.487	-6.380	-7226.689
L5	SA-1	DEAD	Left	-7.55	-4.11	-0.01	0.012	-0.231	-60.728
			Right	-7.55	5.72	-0.01	0.012	0.150	-100.365
L5	SA-1	TORX	Left	0.67	-23.31	0.00	-0.034	-0.004	-850.525
			Right	0.67	-23.31	0.00	-0.034	0.007	874.579
L5	SA-1	TORY	Left	0.82	-28.53	0.00	-0.041	-0.004	-1040.831
			Right	0.82	-28.53	0.00	-0.042	0.009	1070.241
L5	SA-1	DX MAX	Left	22.00	217.03	0.40	1.571	6.783	7830.967
			Right	22.00	217.03	0.40	1.367	6.770	8229.131
L5	SA-1	DX MIN	Left	-22.00	-217.03	-0.40	-1.571	-6.783	-7830.967
			Right	-22.00	-217.03	-0.40	-1.367	-6.770	-8229.131
L5	SA-1	DY MAX	Left	3.20	453.94	0.05	0.294	0.981	16639.896
			Right	3.52	453.94	0.05	0.385	0.858	16950.922
L5	SA-1	DY MIN	Left	-3.20	-453.94	-0.05	-0.294	-0.981	-16639.896
			Right	-3.52	-453.94	-0.05	-0.385	-0.858	-16950.922

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	SA-2	DEAD	Left	-6.30	0.06	0.00	-0.001	-0.002	108.720
			Right	-6.30	9.10	0.00	-0.001	-0.001	-204.743
L5	SA-2	TORX	Left	0.28	-21.50	0.00	-0.055	0.002	-763.509
			Right	0.28	-21.50	0.00	-0.055	0.005	698.478
L5	SA-2	TORY	Left	0.34	-26.30	0.00	-0.068	0.002	-934.090
			Right	0.34	-26.30	0.00	-0.068	0.006	854.449
L5	SA-2	DX MAX	Left	11.39	141.26	0.37	1.223	5.643	4983.668
			Right	11.39	141.26	0.36	1.333	5.469	4622.040
L5	SA-2	DX MIN	Left	-11.39	-141.26	-0.37	-1.223	-5.643	-4983.668
			Right	-11.39	-141.26	-0.36	-1.333	-5.469	-4622.040
L5	SA-2	DY MAX	Left	10.40	448.94	0.04	0.149	0.561	15975.674
			Right	9.98	448.94	0.04	0.227	0.561	14551.205
L5	SA-2	DY MIN	Left	-10.40	-448.94	-0.04	-0.149	-0.561	-15975.674
			Right	-9.98	-448.94	-0.04	-0.227	-0.561	-14551.205
L5	SA-3	DEAD	Left	-5.55	5.37	0.00	-0.001	-0.001	284.385
			Right	-5.55	14.41	0.00	-0.001	-0.001	-388.117
L5	SA-3	TORX	Left	1.63	-18.44	0.00	-0.055	-0.001	-614.066
			Right	1.63	-18.44	0.00	-0.056	0.006	639.932
L5	SA-3	TORY	Left	1.98	-22.55	0.00	-0.068	-0.001	-750.869
			Right	1.98	-22.55	0.00	-0.068	0.007	782.470
L5	SA-3	DX MAX	Left	15.17	109.75	0.38	1.259	5.660	3637.705
			Right	15.18	109.75	0.35	1.282	5.398	3825.476
L5	SA-3	DX MIN	Left	-15.17	-109.75	-0.38	-1.259	-5.660	-3637.705
			Right	-15.18	-109.75	-0.35	-1.282	-5.398	-3825.476
L5	SA-3	DY MAX	Left	29.72	390.99	0.03	0.163	0.532	13032.798
			Right	29.80	390.99	0.03	0.211	0.517	13553.522
L5	SA-3	DY MIN	Left	-29.72	-390.99	-0.03	-0.163	-0.532	-13032.798
			Right	-29.80	-390.99	-0.03	-0.211	-0.517	-13553.522

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	SA-4	DEAD	Left	-4.39	4.82	0.00	0.000	-0.001	279.664
			Right	-4.39	13.85	0.00	0.000	-0.001	-354.933
L5	SA-4	TORX	Left	1.65	-13.08	0.00	-0.054	-0.001	-436.391
			Right	1.65	-13.08	0.00	-0.054	0.005	452.803
L5	SA-4	TORY	Left	2.01	-16.00	0.00	-0.066	-0.001	-533.856
			Right	2.01	-16.00	0.00	-0.066	0.007	553.942
L5	SA-4	DX MAX	Left	12.33	68.53	0.36	1.172	5.541	2283.398
			Right	12.33	68.53	0.36	1.359	5.524	2376.688
L5	SA-4	DX MIN	Left	-12.33	-68.53	-0.36	-1.172	-5.541	-2283.398
			Right	-12.33	-68.53	-0.36	-1.359	-5.524	-2376.688
L5	SA-4	DY MAX	Left	32.73	280.29	0.03	0.164	0.505	9366.208
			Right	32.80	280.29	0.03	0.193	0.508	9692.857
L5	SA-4	DY MIN	Left	-32.73	-280.29	-0.03	-0.164	-0.505	-9366.208
			Right	-32.80	-280.29	-0.03	-0.193	-0.508	-9692.857
L5	SA-5	DEAD	Left	-5.29	-9.46	0.00	0.001	-0.001	-210.957
			Right	-5.29	-0.43	0.00	0.001	-0.002	125.295
L5	SA-5	TORX	Left	-1.72	-10.65	0.00	-0.054	-0.003	-371.821
			Right	-1.72	-10.65	0.00	-0.054	0.004	352.323
L5	SA-5	TORY	Left	-2.09	-13.04	0.00	-0.066	-0.003	-455.270
			Right	-2.09	-13.04	0.00	-0.066	0.005	431.296
L5	SA-5	DX MAX	Left	10.36	36.59	0.35	1.297	5.354	1293.134
			Right	10.37	36.59	0.35	1.183	5.375	1204.713
L5	SA-5	DX MIN	Left	-10.36	-36.59	-0.35	-1.297	-5.354	-1293.134
			Right	-10.37	-36.59	-0.35	-1.183	-5.375	-1204.713
L5	SA-5	DY MAX	Left	35.02	236.20	0.06	0.336	0.882	8237.704
			Right	34.95	236.20	0.06	0.229	0.887	7823.006
L5	SA-5	DY MIN	Left	-35.02	-236.20	-0.06	-0.336	-0.882	-8237.704
			Right	-34.95	-236.20	-0.06	-0.229	-0.887	-7823.006

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
LS	SA-6	DEAD	Left	-6.04	-10.42	0.00	0.001	-0.002	-350.742
			Right	-6.04	-1.39	0.00	0.001	-0.002	150.638
LS	SA-6	TORX	Left	-1.58	-15.76	0.00	-0.054	-0.003	-548.862
			Right	-1.58	-15.76	0.00	-0.054	0.004	522.799
LS	SA-6	TORY	Left	-1.92	-19.28	0.00	-0.066	-0.004	-671.316
			Right	-1.92	-19.28	0.00	-0.066	0.004	639.467
LS	SA-6	DX MAX	Left	12.94	69.98	0.35	1.264	5.339	2456.929
			Right	12.95	69.98	0.35	1.213	5.345	2301.627
LS	SA-6	DX MIN	Left	-12.94	-69.98	-0.35	-1.264	-5.339	-2456.929
			Right	-12.95	-69.98	-0.35	-1.213	-5.345	-2301.627
LS	SA-6	DY MAX	Left	29.18	341.85	0.07	0.226	0.981	11884.542
			Right	29.11	341.85	0.07	0.303	0.990	11360.625
LS	SA-6	DY MIN	Left	-29.18	-341.85	-0.07	-0.226	-0.981	-11884.542
			Right	-29.11	-341.85	-0.07	-0.303	-0.990	-11360.625
LS	SA-7	DEAD	Left	-6.86	-8.40	0.00	0.002	-0.001	-185.535
			Right	-6.86	0.63	0.00	0.002	-0.003	78.595
LS	SA-7	TORX	Left	-0.31	-20.22	0.00	-0.052	-0.003	-656.628
			Right	-0.31	-20.22	0.00	-0.052	0.000	716.100
LS	SA-7	TORY	Left	-0.37	-24.73	0.00	-0.064	-0.003	-803.224
			Right	-0.37	-24.73	0.00	-0.064	0.000	878.520
LS	SA-7	DX MAX	Left	11.68	106.00	0.35	1.241	5.247	3475.935
			Right	11.69	106.00	0.35	1.240	5.446	3732.286
LS	SA-7	DX MIN	Left	-11.68	-106.00	-0.35	-1.241	-5.247	-3475.935
			Right	-11.69	-106.00	-0.35	-1.240	-5.446	-3732.286
LS	SA-7	DY MAX	Left	9.97	430.78	0.07	0.230	1.068	13957.857
			Right	10.37	430.78	0.08	0.374	1.126	15334.083
LS	SA-7	DY MIN	Left	-9.97	-430.78	-0.07	-0.230	-1.068	-13957.857
			Right	-10.37	-430.78	-0.08	-0.374	-1.126	-15334.083

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
LS	SA-8	DEAD	Left	-7.57	-7.37	0.01	-0.009	0.147	-161.322
			Right	-7.57	2.46	0.01	-0.009	-0.232	20.593
LS	SA-8	TORX	Left	-0.67	-23.05	0.00	-0.032	-0.006	-864.308
			Right	-0.67	-23.05	0.00	-0.031	0.005	841.536
LS	SA-8	TORY	Left	-0.82	-28.21	0.00	-0.039	-0.007	-1057.548
			Right	-0.82	-28.21	0.00	-0.038	0.006	1029.704
LS	SA-8	DX MAX	Left	21.56	195.13	0.38	1.276	6.479	7400.616
			Right	21.56	195.13	0.38	1.622	6.518	7039.513
LS	SA-8	DX MIN	Left	-21.56	-195.13	-0.38	-1.276	-6.479	-7400.616
			Right	-21.56	-195.13	-0.38	-1.622	-6.518	-7039.513
LS	SA-8	DY MAX	Left	3.67	454.80	0.10	0.410	1.629	16978.087
			Right	3.28	454.80	0.10	0.465	1.692	16676.300
LS	SA-8	DY MIN	Left	-3.67	-454.80	-0.10	-0.410	-1.629	-16978.087
			Right	-3.28	-454.80	-0.10	-0.465	-1.692	-16676.300
LS	SP-1	DEAD	Left	-7.86	-5.53	0.01	-0.009	0.241	-93.790
			Right	-7.86	4.29	0.01	-0.009	-0.154	-47.901
LS	SP-1	TORX	Left	-0.81	22.73	0.00	-0.035	-0.002	828.551
			Right	-0.81	22.73	0.00	-0.035	0.007	-853.408
LS	SP-1	TORY	Left	-0.99	27.81	0.00	-0.043	-0.003	1013.950
			Right	-0.99	27.81	0.00	-0.044	0.008	-1044.333
LS	SP-1	DX MAX	Left	22.87	203.88	0.40	1.576	6.785	7347.744
			Right	22.87	203.88	0.40	1.344	6.765	7739.353
LS	SP-1	DX MIN	Left	-22.87	-203.88	-0.40	-1.576	-6.785	-7347.744
			Right	-22.87	-203.88	-0.40	-1.344	-6.765	-7739.353
LS	SP-1	DY MAX	Left	3.55	472.49	0.05	0.254	0.902	17307.582
			Right	3.86	472.49	0.05	0.208	0.864	17655.610
LS	SP-1	DY MIN	Left	-3.55	-472.49	-0.05	-0.254	-0.902	-17307.582
			Right	-3.86	-472.49	-0.05	-0.208	-0.864	-17655.610

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
LS	SP-2	DEAD	Left	-6.65	-2.39	0.00	0.003	0.004	10.995
			Right	-6.65	8.64	0.00	0.003	0.001	-124.286
LS	SP-2	TORX	Left	-0.29	22.34	0.00	-0.057	0.002	793.218
			Right	-0.29	22.34	0.00	-0.058	0.006	-726.132
LS	SP-2	TORY	Left	-0.35	27.32	0.00	-0.071	0.003	969.788
			Right	-0.35	27.32	0.00	-0.071	0.008	-887.491
LS	SP-2	DX MAX	Left	11.22	140.77	0.37	1.245	5.636	4967.824
			Right	11.22	140.77	0.36	1.307	5.455	4604.521
LS	SP-2	DX MIN	Left	-11.22	-140.77	-0.37	-1.245	-5.636	-4967.824
			Right	-11.22	-140.77	-0.36	-1.307	-5.455	-4604.521
LS	SP-2	DY MAX	Left	10.52	478.45	0.04	0.162	0.551	17013.487
			Right	10.66	478.45	0.04	0.195	0.541	15519.913
LS	SP-2	DY MIN	Left	-10.52	-478.45	-0.04	-0.162	-0.551	-17013.487
			Right	-10.66	-478.45	-0.04	-0.195	-0.541	-15519.913
LS	SP-3	DEAD	Left	-5.48	-1.36	0.00	0.003	0.002	50.963
			Right	-5.48	7.67	0.00	0.003	0.001	-163.600
LS	SP-3	TORX	Left	-1.49	20.47	0.00	-0.057	0.000	682.407
			Right	-1.49	20.47	0.00	-0.058	0.007	-709.220
LS	SP-3	TORY	Left	-1.81	24.99	0.00	-0.070	0.000	833.381
			Right	-1.81	24.99	0.00	-0.071	0.009	-866.012
LS	SP-3	DX MAX	Left	13.41	120.03	0.38	1.299	5.648	3979.831
			Right	13.41	120.03	0.35	1.245	5.378	4192.104
LS	SP-3	DX MIN	Left	-13.41	-120.03	-0.38	-1.299	-5.648	-3979.831
			Right	-13.41	-120.03	-0.35	-1.245	-5.378	-4192.104
LS	SP-3	DY MAX	Left	28.47	438.39	0.03	0.158	0.521	14639.747
			Right	28.54	438.39	0.03	0.176	0.499	15170.192
LS	SP-3	DY MIN	Left	-28.47	-438.39	-0.03	-0.158	-0.521	-14639.747
			Right	-28.54	-438.39	-0.03	-0.176	-0.499	-15170.192

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
LS	SP-4	DEAD	Left	-4.68	-3.50	0.00	0.002	0.001	-0.041
			Right	-4.68	5.53	0.00	0.002	0.001	-69.261
LS	SP-4	TORX	Left	-1.71	11.29	0.00	-0.054	0.000	375.185
			Right	-1.71	11.29	0.00	-0.054	0.007	-382.335
LS	SP-4	TORY	Left	-2.08	13.81	0.00	-0.066	0.000	459.213
			Right	-2.08	13.81	0.00	-0.066	0.008	-480.205
LS	SP-4	DX MAX	Left	11.61	52.78	0.36	1.234	5.520	1757.142
			Right	11.62	52.78	0.36	1.306	5.493	1832.054
LS	SP-4	DX MIN	Left	-11.61	-52.78	-0.36	-1.234	-5.520	-1757.142
			Right	-11.62	-52.78	-0.36	-1.306	-5.493	-1832.054
LS	SP-4	DY MAX	Left	35.78	254.21	0.03	0.147	0.499	8444.415
			Right	35.87	254.21	0.03	0.163	0.497	8840.871
LS	SP-4	DY MIN	Left	-35.78	-254.21	-0.03	-0.147	-0.499	-8444.415
			Right	-35.87	-254.21	-0.03	-0.163	-0.497	-8840.871
LS	SP-5	DEAD	Left	-5.13	-9.51	0.00	-0.003	0.001	-211.988
			Right	-5.13	-0.48	0.00	-0.003	0.002	127.916
LS	SP-5	TORX	Left	1.80	10.16	0.00	-0.054	-0.003	354.833
			Right	1.80	10.16	0.00	-0.054	0.004	-335.782
LS	SP-5	TORY	Left	2.19	12.44	0.00	-0.066	-0.004	434.663
			Right	2.19	12.44	0.00	-0.066	0.004	-411.376
LS	SP-5	DX MAX	Left	10.69	42.78	0.35	1.292	5.344	1499.498
			Right	10.69	42.78	0.35	1.188	5.366	1409.215
LS	SP-5	DX MIN	Left	-10.69	-42.78	-0.35	-1.292	-5.344	-1499.498
			Right	-10.69	-42.78	-0.35	-1.188	-5.366	-1409.215
LS	SP-5	DY MAX	Left	38.35	236.55	0.06	0.251	0.983	8254.780
			Right	38.27	236.55	0.06	0.244	0.986	7829.412
LS	SP-5	DY MIN	Left	-38.35	-236.55	-0.06	-0.251	-0.983	-8254.780
			Right	-38.27	-236.55	-0.06	-0.244	-0.986	-7829.412

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	SP-6	DEAD	Left	-5.91	-9.90	0.00	-0.003	0.002	-233.192
			Right	-5.91	-0.87	0.00	-0.003	0.002	132.916
L5	SP-6	TORX	Left	1.67	15.57	0.00	-0.055	-0.003	542.777
			Right	1.67	15.57	0.00	-0.055	0.003	-516.212
L5	SP-6	TORY	Left	2.03	19.05	0.00	-0.067	-0.004	664.082
			Right	2.03	19.05	0.00	-0.067	0.004	-631.598
L5	SP-6	DX MAX	Left	13.13	77.87	0.35	1.251	5.330	3733.252
			Right	13.14	77.87	0.35	1.226	5.339	3561.895
L5	SP-6	DX MIN	Left	-13.13	-77.87	-0.35	-1.251	-5.330	-3733.252
			Right	-13.14	-77.87	-0.35	-1.226	-5.339	-3561.895
L5	SP-6	DY MAX	Left	32.80	351.02	0.07	0.304	1.085	12213.486
			Right	32.71	351.02	0.07	0.233	1.078	11654.782
L5	SP-6	DY MIN	Left	-32.80	-351.02	-0.07	-0.304	-1.085	-12213.486
			Right	-32.71	-351.02	-0.07	-0.233	-1.078	-11654.782
L5	SP-7	DEAD	Left	-6.71	-7.38	0.00	-0.003	0.002	-150.888
			Right	-6.71	1.65	0.00	-0.003	0.004	43.939
L5	SP-7	TORX	Left	0.40	20.26	0.00	-0.053	-0.003	658.510
			Right	0.40	20.26	0.00	-0.053	0.000	-719.277
L5	SP-7	TORY	Left	0.48	24.79	0.00	-0.065	-0.003	805.718
			Right	0.48	24.79	0.00	-0.065	0.000	-880.182
L5	SP-7	DX MAX	Left	10.81	117.41	0.35	1.226	5.240	3841.234
			Right	10.81	117.41	0.35	1.258	5.444	4143.102
L5	SP-7	DX MIN	Left	-10.81	-117.41	-0.35	-1.226	-5.240	-3841.234
			Right	-10.81	-117.41	-0.35	-1.258	-5.444	-4143.102
L5	SP-7	DY MAX	Left	11.10	452.04	0.07	0.366	1.170	14656.316
			Right	11.52	452.04	0.07	0.212	1.170	16081.513
L5	SP-7	DY MIN	Left	-11.10	-452.04	-0.07	-0.366	-1.170	-14656.316
			Right	-11.52	-452.04	-0.07	-0.212	-1.170	-16081.513

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L5	SP-8	DEAD	Left	-7.56	-4.86	-0.01	0.017	-0.148	-68.625
			Right	-7.56	4.97	-0.01	0.017	0.235	-72.732
L5	SP-8	TORX	Left	0.69	23.79	0.00	-0.031	-0.007	891.916
			Right	0.69	23.79	0.00	-0.031	0.007	-868.212
L5	SP-8	TORY	Left	0.84	29.12	0.00	-0.038	-0.009	1091.795
			Right	0.84	29.12	0.00	-0.037	0.008	-1063.807
L5	SP-8	DX MAX	Left	21.23	205.19	0.38	1.270	6.479	7777.565
			Right	21.24	205.19	0.38	1.608	6.515	7406.944
L5	SP-8	DX MIN	Left	-21.23	-205.19	-0.38	-1.270	-6.479	-7777.565
			Right	-21.24	-205.19	-0.38	-1.608	-6.515	-7406.944
L5	SP-8	DY MAX	Left	3.34	504.59	0.10	0.449	1.681	18840.902
			Right	2.83	504.59	0.10	0.376	1.687	18497.529
L5	SP-8	DY MIN	Left	-3.34	-504.59	-0.10	-0.449	-1.681	-18840.902
			Right	-2.83	-504.59	-0.10	-0.376	-1.687	-18497.529
L4	S1-1	DEAD	Left	-21.29	-1.42	-0.01	-0.078	-0.356	-22.788
			Right	-21.29	14.31	-0.01	-0.079	0.114	-573.503
L4	S1-1	TORX	Left	1.12	-37.95	0.00	-0.070	0.045	-1407.293
			Right	1.12	-37.95	0.00	-0.073	0.042	1400.720
L4	S1-1	TORY	Left	1.36	-46.50	0.00	-0.086	0.055	-1724.740
			Right	1.36	-46.50	0.00	-0.090	0.051	1716.459
L4	S1-1	DX MAX	Left	34.01	882.46	0.09	2.434	1.722	33403.037
			Right	33.71	882.46	0.09	2.733	1.612	31886.890
L4	S1-1	DX MIN	Left	-34.01	-882.46	-0.09	-2.434	-1.722	-33403.037
			Right	-33.71	-882.46	-0.09	-2.733	-1.612	-31886.890
L4	S1-1	DY MAX	Left	52.86	446.18	0.70	19.130	12.190	16166.543
			Right	52.84	446.18	0.69	19.738	11.870	16858.350
L4	S1-1	DY MIN	Left	-52.86	-446.18	-0.70	-19.130	-12.190	-16166.543
			Right	-52.84	-446.18	-0.69	-19.738	-11.870	-16858.350

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S1-2	DEAD	Left	-17.40	5.53	0.00	-0.002	0.004	287.679
			Right	-17.40	21.82	0.00	-0.002	0.004	-642.304
L4	S1-2	TORX	Left	-0.42	-28.17	0.00	-0.082	0.023	-1046.258
			Right	-0.42	-28.17	0.00	-0.084	0.041	869.119
L4	S1-2	TORY	Left	-0.54	-34.49	0.00	-0.099	0.026	-1281.483
			Right	-0.54	-34.49	0.00	-0.102	0.050	1063.957
L4	S1-2	DX MAX	Left	65.35	800.71	0.08	2.049	1.184	30289.398
			Right	64.82	800.71	0.08	2.340	1.202	24148.211
L4	S1-2	DX MIN	Left	-65.35	-800.71	-0.08	-2.049	-1.184	-30289.398
			Right	-64.82	-800.71	-0.08	-2.340	-1.202	-24148.211
L4	S1-2	DY MAX	Left	19.91	187.12	0.61	16.867	9.683	6827.235
			Right	19.89	187.12	0.61	17.253	9.682	5900.877
L4	S1-2	DY MIN	Left	-19.91	-187.12	-0.61	-16.867	-9.683	-6827.235
			Right	-19.89	-187.12	-0.61	-17.253	-9.682	-5900.877
L4	S1-3	DEAD	Left	-16.40	6.80	0.00	0.001	0.003	319.635
			Right	-16.40	23.09	0.00	0.000	0.003	-696.874
L4	S1-3	TORX	Left	4.93	-22.23	0.00	-0.081	0.019	-681.634
			Right	4.93	-22.23	0.00	-0.082	0.038	830.033
L4	S1-3	TORY	Left	6.01	-27.21	0.00	-0.099	0.024	-834.530
			Right	6.01	-27.21	0.00	-0.102	0.045	1015.819
L4	S1-3	DX MAX	Left	106.87	673.63	0.07	2.093	1.186	21187.073
			Right	107.05	673.63	0.08	2.123	1.301	24611.058
L4	S1-3	DX MIN	Left	-106.87	-673.63	-0.07	-2.093	-1.186	-21187.073
			Right	-107.05	-673.63	-0.08	-2.123	-1.301	-24611.058
L4	S1-3	DY MAX	Left	43.10	104.89	0.60	16.896	9.673	3954.702
			Right	43.08	104.89	0.60	17.003	9.667	4196.388
L4	S1-3	DY MIN	Left	-43.10	-104.89	-0.60	-16.896	-9.673	-3954.702
			Right	-43.08	-104.89	-0.60	-17.003	-9.667	-4196.388

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S1-4	DEAD	Left	-14.05	1.93	0.00	0.005	0.003	182.873
			Right	-14.05	18.22	0.00	0.004	0.003	-503.454
L4	S1-4	TORX	Left	5.15	-10.37	0.00	-0.065	0.009	-277.965
			Right	5.15	-10.37	0.00	-0.066	0.030	427.253
L4	S1-4	TORY	Left	6.29	-12.72	0.00	-0.079	0.010	-341.099
			Right	6.29	-12.72	0.00	-0.080	0.036	523.824
L4	S1-4	DX MAX	Left	127.67	333.71	0.07	2.021	1.160	9358.491
			Right	127.87	333.71	0.07	2.062	1.128	13326.879
L4	S1-4	DX MIN	Left	-127.67	-333.71	-0.07	-2.021	-1.160	-9358.491
			Right	-127.87	-333.71	-0.07	-2.062	-1.128	-13326.879
L4	S1-4	DY MAX	Left	35.29	51.80	0.60	16.920	9.656	1247.772
			Right	35.27	51.80	0.60	16.773	9.503	3290.592
L4	S1-4	DY MIN	Left	-35.29	-51.80	-0.60	-16.920	-9.656	-1247.772
			Right	-35.27	-51.80	-0.60	-16.773	-9.503	-3290.592
L4	S1-5	DEAD	Left	-14.18	-15.19	0.00	-0.003	0.004	-399.096
			Right	-14.18	1.16	0.00	-0.004	0.004	79.829
L4	S1-5	TORX	Left	-5.22	-10.51	0.00	-0.067	-0.027	-431.827
			Right	-5.22	-10.51	0.00	-0.063	-0.007	282.769
L4	S1-5	TORY	Left	-6.37	-12.89	0.00	-0.081	-0.033	-529.404
			Right	-6.37	-12.89	0.00	-0.077	-0.007	346.999
L4	S1-5	DX MAX	Left	121.85	324.74	0.07	1.871	1.026	13881.596
			Right	121.65	324.74	0.07	1.833	1.042	9193.639
L4	S1-5	DX MIN	Left	-121.85	-324.74	-0.07	-1.871	-1.026	-13881.596
			Right	-121.65	-324.74	-0.07	-1.833	-1.042	-9193.639
L4	S1-5	DY MAX	Left	46.06	76.76	0.58	16.147	9.129	3271.673
			Right	46.05	76.76	0.58	16.230	9.265	1950.785
L4	S1-5	DY MIN	Left	-46.06	-76.76	-0.58	-16.147	-9.129	-3271.673
			Right	-46.05	-76.76	-0.58	-16.230	-9.265	-1950.785

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S1-6	DEAD	Left	-17.39	-19.12	0.00	-0.007	0.005	-592.740
			Right	-17.39	-2.83	0.00	-0.008	0.005	163.437
L4	S1-6	TORX	Left	-5.28	-22.83	0.00	-0.077	-0.036	-859.327
			Right	-5.28	-22.83	0.00	-0.073	-0.017	693.265
L4	S1-6	TORY	Left	-6.44	-27.95	0.00	-0.095	-0.043	-1051.718
			Right	-6.44	-27.95	0.00	-0.090	-0.021	848.779
L4	S1-6	DX MAX	Left	106.88	657.43	0.07	1.888	1.062	24134.117
			Right	106.68	657.43	0.07	1.896	1.058	20562.232
L4	S1-6	DX MIN	Left	-106.88	-657.43	-0.07	-1.888	-1.062	-24134.117
			Right	-106.68	-657.43	-0.07	-1.896	-1.058	-20562.232
L4	S1-6	DY MAX	Left	56.51	193.81	0.58	16.069	9.230	7433.537
			Right	56.50	193.81	0.58	16.296	9.220	5678.600
L4	S1-6	DY MIN	Left	-56.51	-193.81	-0.58	-16.069	-9.230	-7433.537
			Right	-56.50	-193.81	-0.58	-16.296	-9.220	-5678.600
L4	S1-7	DEAD	Left	-18.17	-21.84	0.00	-0.004	0.006	-658.332
			Right	-18.17	-5.65	0.00	-0.005	-0.009	279.616
L4	S1-7	TORX	Left	0.48	-26.79	0.00	-0.075	-0.038	-985.291
			Right	0.48	-26.79	0.00	-0.071	-0.019	1072.479
L4	S1-7	TORY	Left	0.61	-35.25	0.00	-0.090	-0.047	-1083.723
			Right	0.61	-35.25	0.00	-0.084	-0.022	1313.536
L4	S1-7	DX MAX	Left	66.17	761.69	0.07	1.946	1.083	22830.786
			Right	66.69	761.69	0.07	1.971	1.086	28953.457
L4	S1-7	DX MIN	Left	-66.17	-761.69	-0.07	-1.946	-1.083	-22830.786
			Right	-66.69	-761.69	-0.07	-1.971	-1.086	-28953.457
L4	S1-7	DY MAX	Left	19.51	276.95	0.57	16.069	9.184	8831.409
			Right	19.54	276.95	0.58	16.308	9.238	10002.664
L4	S1-7	DY MIN	Left	-19.51	-276.95	-0.57	-16.069	-9.184	-8831.409
			Right	-19.54	-276.95	-0.58	-16.308	-9.238	-10002.664

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S1-8	DEAD	Left	-20.71	-37.49	0.01	0.188	0.092	-1331.811
			Right	-20.71	-19.76	0.01	0.187	-0.308	786.534
L4	S1-8	TORX	Left	-1.49	-38.79	0.00	-0.070	-0.039	-1438.430
			Right	-1.49	-38.79	0.00	-0.064	-0.054	1431.851
L4	S1-8	TORY	Left	-1.82	-47.54	0.00	-0.085	-0.048	-1762.734
			Right	-1.82	-47.54	0.00	-0.078	-0.065	1754.935
L4	S1-8	DX MAX	Left	28.35	779.42	0.08	2.347	1.432	28230.299
			Right	28.63	779.42	0.08	2.427	1.459	29434.551
L4	S1-8	DX MIN	Left	-28.35	-779.42	-0.08	-2.347	-1.432	-28230.299
			Right	-28.63	-779.42	-0.08	-2.427	-1.459	-29434.551
L4	S1-8	DY MAX	Left	54.80	533.67	0.63	17.602	10.936	20131.119
			Right	54.80	533.67	0.64	18.005	11.501	19361.757
L4	S1-8	DY MIN	Left	-54.80	-533.67	-0.63	-17.602	-10.936	-20131.119
			Right	-54.80	-533.67	-0.64	-18.005	-11.501	-19361.757
L4	S12-1	DEAD	Left	-20.90	-3.79	0.01	0.100	0.350	-95.434
			Right	-20.90	13.94	0.01	0.099	-0.108	-470.786
L4	S12-1	TORX	Left	-1.27	37.02	0.00	-0.054	0.055	1369.053
			Right	-1.27	37.02	0.00	-0.057	0.042	-1370.358
L4	S12-1	TORY	Left	-1.54	45.36	0.00	-0.065	0.068	1677.514
			Right	-1.54	45.36	0.00	-0.069	0.052	-1678.965
L4	S12-1	DX MAX	Left	23.75	887.17	0.09	2.819	1.663	33370.417
			Right	23.37	887.17	0.09	2.406	1.553	32266.224
L4	S12-1	DX MIN	Left	-23.75	-887.17	-0.09	-2.819	-1.663	-33370.417
			Right	-23.37	-887.17	-0.09	-2.406	-1.553	-32266.224
L4	S12-1	DY MAX	Left	49.67	426.37	0.70	19.555	12.292	15491.287
			Right	49.66	426.37	0.69	19.209	11.866	16066.271
L4	S12-1	DY MIN	Left	-49.67	-426.37	-0.70	-19.555	-12.292	-15491.287
			Right	-49.66	-426.37	-0.69	-19.209	-11.866	-16066.271

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S12-2	DEAD	Left	-18.09	-0.89	0.00	-0.015	0.002	46.621
			Right	-18.09	15.40	0.00	-0.016	-0.001	-446.951
L4	S12-2	TORX	Left	0.39	28.14	0.00	-0.060	0.020	1044.953
			Right	0.39	28.14	0.00	-0.062	0.039	-868.853
L4	S12-2	TORY	Left	0.50	34.47	0.00	-0.069	0.023	1279.944
			Right	0.50	34.47	0.00	-0.071	0.047	-1063.678
L4	S12-2	DX MAX	Left	66.69	762.32	0.08	2.552	1.219	28955.080
			Right	66.07	762.32	0.08	1.898	1.206	22870.787
L4	S12-2	DX MIN	Left	-66.69	-762.32	-0.08	-2.552	-1.219	-28955.080
			Right	-66.07	-762.32	-0.08	-1.898	-1.206	-22870.787
L4	S12-2	DY MAX	Left	18.19	182.65	0.61	17.218	9.694	6692.717
			Right	18.19	182.65	0.61	16.765	9.652	5730.824
L4	S12-2	DY MIN	Left	-18.19	-182.65	-0.61	-17.218	-9.694	-6692.717
			Right	-18.19	-182.65	-0.61	-16.765	-9.652	-5730.824
L4	S12-3	DEAD	Left	-16.01	1.99	0.00	-0.020	0.001	167.915
			Right	-16.01	18.28	0.00	-0.021	-0.001	-521.398
L4	S12-3	TORX	Left	-4.86	22.23	0.00	-0.069	0.017	684.385
			Right	-4.86	22.23	0.00	-0.070	0.035	-827.204
L4	S12-3	TORY	Left	-5.92	27.21	0.00	-0.082	0.022	838.300
			Right	-5.92	27.21	0.00	-0.084	0.044	-1013.344
L4	S12-3	DX MAX	Left	107.49	611.01	0.07	2.330	1.148	19082.882
			Right	107.69	611.01	0.07	1.915	1.157	22456.936
L4	S12-3	DX MIN	Left	-107.49	-611.01	-0.07	-2.330	-1.148	-19082.882
			Right	-107.69	-611.01	-0.07	-1.915	-1.157	-22456.936
L4	S12-3	DY MAX	Left	42.35	104.63	0.60	17.025	9.626	2932.327
			Right	42.33	104.63	0.60	16.786	9.624	4194.524
L4	S12-3	DY MIN	Left	-42.35	-104.63	-0.60	-17.025	-9.626	-2932.327
			Right	-42.33	-104.63	-0.60	-16.786	-9.624	-4194.524

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S12-4	DEAD	Left	-14.09	1.14	0.00	-0.018	0.001	154.566
			Right	-14.09	17.43	0.00	-0.019	-0.001	-476.946
L4	S12-4	TORX	Left	-5.44	10.32	0.00	-0.063	0.006	369.330
			Right	-5.44	10.32	0.00	-0.065	0.028	-432.256
L4	S12-4	TORY	Left	-6.65	12.68	0.00	-0.076	0.006	331.006
			Right	-6.65	12.68	0.00	-0.077	0.033	-531.068
L4	S12-4	DX MAX	Left	133.35	312.09	0.07	2.116	1.124	8487.967
			Right	133.59	312.09	0.07	1.958	1.118	12727.814
L4	S12-4	DX MIN	Left	-133.35	-312.09	-0.07	-2.116	-1.124	-8487.967
			Right	-133.59	-312.09	-0.07	-1.958	-1.118	-12727.814
L4	S12-4	DY MAX	Left	34.74	54.11	0.60	16.859	9.619	1314.683
			Right	34.72	54.11	0.60	16.799	9.469	2370.199
L4	S12-4	DY MIN	Left	-34.74	-54.11	-0.60	-16.859	-9.619	-1314.683
			Right	-34.72	-54.11	-0.60	-16.799	-9.469	-2370.199
L4	S12-5	DEAD	Left	-13.00	-13.41	0.00	0.017	-0.001	-318.741
			Right	-13.00	2.88	0.00	0.016	0.001	39.048
L4	S12-5	TORX	Left	5.58	10.63	0.00	-0.061	-0.028	445.549
			Right	5.58	10.63	0.00	-0.057	-0.006	-277.446
L4	S12-5	TORY	Left	6.83	13.07	0.00	-0.072	-0.033	547.490
			Right	6.83	13.07	0.00	-0.068	-0.006	-341.058
L4	S12-5	DX MAX	Left	131.34	309.09	0.07	1.883	1.028	13569.263
			Right	131.10	309.09	0.07	1.823	1.041	8442.586
L4	S12-5	DX MIN	Left	-131.34	-309.09	-0.07	-1.883	-1.028	-13569.263
			Right	-131.10	-309.09	-0.07	-1.823	-1.041	-8442.586
L4	S12-5	DY MAX	Left	44.16	71.59	0.58	16.097	9.125	3101.767
			Right	44.14	71.59	0.58	16.254	9.251	1767.913
L4	S12-5	DY MIN	Left	-44.16	-71.59	-0.58	-16.097	-9.125	-3101.767
			Right	-44.14	-71.59	-0.58	-16.254	-9.251	-1767.913

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S12-6	DEAD	Left	-15.41	-11.47	0.00	0.018	0.000	-278.497
			Right	-15.41	4.83	0.00	0.017	0.001	-52.729
L4	S12-6	TORX	Left	5.25	23.33	0.00	-0.058	-0.033	876.057
			Right	5.25	23.33	0.00	-0.054	-0.015	-710.557
L4	S12-6	TORY	Left	6.39	28.57	0.00	-0.069	-0.041	1072.276
			Right	6.39	28.57	0.00	-0.064	-0.018	-870.334
L4	S12-6	DX MAX	Left	111.29	610.93	0.07	1.951	1.048	32619.809
			Right	111.08	610.93	0.07	1.859	1.054	18914.485
L4	S12-6	DX MIN	Left	-111.29	-610.93	-0.07	-1.951	-1.048	-32619.809
			Right	-111.08	-610.93	-0.07	-1.859	-1.054	-18914.485
L4	S12-6	DY MAX	Left	51.23	173.77	0.58	15.821	9.212	6711.966
			Right	51.22	173.77	0.58	16.457	9.194	5104.942
L4	S12-6	DY MIN	Left	-51.23	-173.77	-0.58	-15.821	-9.212	-6711.966
			Right	-51.22	-173.77	-0.58	-16.457	-9.194	-5104.942
L4	S12-7	DEAD	Left	-19.18	-7.28	0.00	0.014	0.000	-207.667
			Right	-19.18	9.02	0.00	0.013	0.002	-266.825
L4	S12-7	TORX	Left	-0.72	29.98	0.00	-0.045	-0.039	920.203
			Right	-0.72	29.98	0.00	-0.041	-0.020	-1118.564
L4	S12-7	TORY	Left	-0.91	36.72	0.00	-0.050	-0.047	1126.659
			Right	-0.91	36.72	0.00	-0.044	-0.025	-1370.250
L4	S12-7	DX MAX	Left	69.72	758.05	0.07	1.953	1.093	22623.952
			Right	70.33	758.05	0.07	2.021	1.111	28911.449
L4	S12-7	DX MIN	Left	-69.72	-758.05	-0.07	-1.953	-1.093	-22623.952
			Right	-70.33	-758.05	-0.07	-2.021	-1.111	-28911.449
L4	S12-7	DY MAX	Left	16.90	255.39	0.57	15.623	9.192	8086.886
			Right	16.92	255.39	0.58	16.613	9.249	9280.520
L4	S12-7	DY MIN	Left	-16.90	-255.39	-0.57	-15.623	-9.192	-8086.886
			Right	-16.92	-255.39	-0.58	-16.613	-9.249	-9280.520

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	S12-8	DEAD	Left	-21.55	-7.44	-0.01	-0.103	-0.112	-240.626
			Right	-21.55	10.29	-0.01	-0.104	0.366	-346.381
L4	S12-8	TORX	Left	1.09	40.71	0.00	-0.043	-0.043	1501.186
			Right	1.09	40.71	0.00	-0.036	-0.034	-1509.015
L4	S12-8	TORY	Left	1.33	49.88	0.00	-0.049	-0.052	1841.787
			Right	1.33	49.88	0.00	-0.043	-0.041	-1849.072
L4	S12-8	DX MAX	Left	24.66	876.56	0.08	2.376	1.404	31877.130
			Right	35.01	876.56	0.08	2.427	1.527	32975.036
L4	S12-8	DX MIN	Left	-24.66	-876.56	-0.08	-2.376	-1.404	-31877.130
			Right	-35.01	-876.56	-0.08	-2.427	-1.527	-32975.036
L4	S12-8	DY MAX	Left	47.43	496.53	0.63	17.283	10.954	18633.116
			Right	47.42	496.53	0.64	18.257	11.316	18111.518
L4	S12-8	DY MIN	Left	-47.43	-496.53	-0.63	-17.283	-10.954	-18633.116
			Right	-47.42	-496.53	-0.64	-18.257	-11.316	-18111.518
L4	SA-1	DEAD	Left	-20.18	-9.89	-0.01	-0.105	-0.352	-313.000
			Right	-20.18	7.84	-0.01	-0.106	0.111	-237.444
L4	SA-1	TORX	Left	0.55	-42.40	0.00	-0.055	0.022	-1578.854
			Right	0.55	-42.40	0.00	-0.060	0.039	1558.532
L4	SA-1	TORY	Left	0.66	-51.96	0.00	-0.065	0.028	-1935.177
			Right	0.66	-51.96	0.00	-0.070	0.048	1910.216
L4	SA-1	DX MAX	Left	49.35	520.95	0.63	18.280	11.290	18994.318
			Right	49.35	520.95	0.62	16.943	10.839	19557.668
L4	SA-1	DX MIN	Left	-49.35	-520.95	-0.63	-18.280	-11.290	-18994.318
			Right	-49.35	-520.95	-0.62	-16.943	-10.839	-19557.668
L4	SA-1	DY MAX	Left	27.45	756.84	0.09	2.527	1.569	28533.843
			Right	27.16	756.84	0.09	2.279	1.466	27459.398
L4	SA-1	DY MIN	Left	-27.45	-756.84	-0.09	-2.527	-1.569	-28533.843
			Right	-27.16	-756.84	-0.09	-2.279	-1.466	-27459.398

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SA-2	DEAD	Left	-14.95	0.91	0.00	0.006	0.000	171.260
			Right	-14.95	17.20	0.00	0.005	0.003	-444.462
L4	SA-2	TORX	Left	-2.59	-34.24	0.00	-0.055	0.011	-1315.934
			Right	-2.59	-34.24	0.00	-0.059	0.032	1012.047
L4	SA-2	TORY	Left	-3.20	-41.94	0.00	-0.062	0.013	-1612.218
			Right	-3.20	-41.94	0.00	-0.067	0.039	1239.702
L4	SA-2	DX MAX	Left	12.33	279.10	0.57	16.609	9.069	10310.034
			Right	12.29	279.10	0.56	15.052	8.991	8669.698
L4	SA-2	DX MIN	Left	-12.33	-279.10	-0.57	-16.609	-9.069	-10310.034
			Right	-13.29	-279.10	-0.56	-15.052	-8.991	-8669.698
L4	SA-2	DY MAX	Left	86.11	718.95	0.07	2.259	1.149	27936.159
			Right	85.62	718.95	0.07	2.168	1.157	20941.628
L4	SA-2	DY MIN	Left	-86.11	-718.95	-0.07	-2.259	-1.149	-27936.159
			Right	-85.62	-718.95	-0.07	-2.168	-1.157	-20941.628
L4	SA-3	DEAD	Left	-12.30	10.72	0.00	0.008	0.003	545.315
			Right	-12.30	27.01	0.00	0.007	0.003	-737.308
L4	SA-3	TORX	Left	4.25	-29.89	0.00	-0.063	0.010	-969.286
			Right	4.25	-29.89	0.00	-0.066	0.028	1063.149
L4	SA-3	TORY	Left	5.18	-36.60	0.00	-0.075	0.012	-1186.827
			Right	5.18	-36.60	0.00	-0.079	0.035	1301.719
L4	SA-3	DX MAX	Left	45.74	211.23	0.59	17.022	9.170	6585.703
			Right	45.76	211.23	0.54	14.541	8.707	7779.528
L4	SA-3	DX MIN	Left	-45.74	-211.23	-0.59	-17.022	-9.170	-6585.703
			Right	-45.76	-211.23	-0.54	-14.541	-8.707	-7779.528
L4	SA-3	DY MAX	Left	67.64	660.39	0.08	2.315	1.209	21751.135
			Right	67.83	660.39	0.07	2.096	1.152	23145.737
L4	SA-3	DY MIN	Left	-67.64	-660.39	-0.08	-2.315	-1.209	-21751.135
			Right	-67.83	-660.39	-0.07	-2.096	-1.152	-23145.737

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SA-4	DEAD	Left	-22.41	29.10	0.00	0.002	0.003	851.329
			Right	-22.41	45.39	0.00	0.001	0.005	-1681.178
L4	SA-4	TORX	Left	11.55	-28.70	0.00	-0.062	0.000	-737.331
			Right	11.55	-28.70	0.00	-0.064	0.019	1214.543
L4	SA-4	TORY	Left	14.09	-35.10	0.00	-0.073	-0.001	-902.023
			Right	14.09	-35.10	0.00	-0.076	0.022	1484.914
L4	SA-4	DX MAX	Left	76.51	172.04	0.56	16.535	8.861	4328.366
			Right	76.52	172.04	0.56	14.972	8.735	7370.348
L4	SA-4	DX MIN	Left	-76.51	-172.04	-0.56	-16.535	-8.861	-4328.366
			Right	-76.52	-172.04	-0.56	-14.972	-8.735	-7370.348
L4	SA-4	DY MAX	Left	241.31	641.72	0.08	2.251	1.238	16710.203
			Right	241.54	641.72	0.08	2.401	1.232	26924.042
L4	SA-4	DY MIN	Left	-241.31	-641.72	-0.08	-2.251	-1.238	-16710.203
			Right	-241.54	-641.72	-0.08	-2.401	-1.232	-26924.042
L4	SA-5	DEAD	Left	-14.17	-17.61	0.00	-0.005	0.003	-480.464
			Right	-14.17	-1.32	0.00	-0.006	0.003	162.967
L4	SA-5	TORX	Left	-5.86	-12.37	0.00	-0.065	-0.022	-506.198
			Right	-5.86	-12.37	0.00	-0.064	-0.002	335.283
L4	SA-5	TORY	Left	-7.16	-15.18	0.00	-0.080	-0.026	-620.628
			Right	-7.16	-15.18	0.00	-0.079	-0.001	431.474
L4	SA-5	DX MAX	Left	38.83	58.99	0.55	15.202	8.757	2604.060
			Right	38.85	58.99	0.55	15.724	8.860	1414.330
L4	SA-5	DX MIN	Left	-38.83	-58.99	-0.55	-15.202	-8.757	-2604.060
			Right	-38.85	-58.99	-0.55	-15.724	-8.860	-1414.330
L4	SA-5	DY MAX	Left	115.61	287.41	0.11	3.350	1.810	11473.262
			Right	115.42	287.41	0.12	3.152	1.862	8064.313
L4	SA-5	DY MIN	Left	-115.61	-287.41	-0.11	-3.350	-1.810	-11473.262
			Right	-115.42	-287.41	-0.12	-3.152	-1.862	-8064.313

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SA-6	DEAD	Left	-16.64	-23.21	0.00	-0.005	0.004	-670.713
			Right	-16.64	-5.92	0.00	-0.006	0.003	285.937
L4	SA-6	TORX	Left	-5.68	-25.65	0.00	-0.079	-0.028	-963.098
			Right	-5.68	-25.65	0.00	-0.078	-0.010	780.868
L4	SA-6	TORY	Left	-6.93	-31.41	0.00	-0.098	-0.035	-1179.267
			Right	-6.93	-31.41	0.00	-0.096	-0.013	956.595
L4	SA-6	DX MAX	Left	49.18	125.66	0.55	15.123	8.817	5058.099
			Right	49.20	125.66	0.55	15.729	9.814	3495.819
L4	SA-6	DX MIN	Left	-49.18	-125.66	-0.55	-15.123	-8.817	-5058.099
			Right	-49.20	-125.66	-0.55	-15.729	-8.814	-3495.819
L4	SA-6	DY MAX	Left	102.70	593.04	0.12	3.772	1.992	21845.333
			Right	102.51	593.04	0.12	3.172	1.996	18473.450
L4	SA-6	DY MIN	Left	-102.70	-593.04	-0.12	-3.772	-1.992	-21845.333
			Right	-102.51	-593.04	-0.12	-3.172	-1.996	-18473.450
L4	SA-7	DEAD	Left	-17.46	-20.53	0.00	-0.002	0.004	-599.765
			Right	-17.46	-4.24	0.00	-0.003	0.003	242.519
L4	SA-7	TORX	Left	1.24	-32.23	0.00	-0.083	-0.032	-979.924
			Right	1.24	-32.23	0.00	-0.082	-0.012	1211.692
L4	SA-7	TORY	Left	1.55	-39.48	0.00	-0.100	-0.039	-1199.967
			Right	1.55	-39.48	0.00	-0.098	-0.014	1484.336
L4	SA-7	DX MAX	Left	17.79	219.95	0.55	15.113	8.790	6914.299
			Right	17.77	219.95	0.55	15.684	8.825	8045.308
L4	SA-7	DX MIN	Left	-17.79	-219.95	-0.55	-15.113	-8.790	-6914.299
			Right	-17.77	-219.95	-0.55	-15.684	-8.825	-8045.308
L4	SA-7	DY MAX	Left	58.29	699.42	0.13	4.313	2.061	21018.684
			Right	58.83	699.42	0.13	3.141	1.992	26531.446
L4	SA-7	DY MIN	Left	-58.29	-699.42	-0.13	-4.313	-2.061	-21018.684
			Right	-58.83	-699.42	-0.13	-3.141	-1.992	-26531.446

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SA-8	DEAD	Left	-21.27	-14.15	0.01	0.082	0.114	-493.138
			Right	-21.27	3.58	0.01	0.080	-0.357	-101.905
L4	SA-8	TORX	Left	-0.48	-41.48	0.00	-0.079	-0.036	-1522.953
			Right	-0.48	-41.48	0.00	-0.076	-0.018	1546.702
L4	SA-8	TORY	Left	-0.59	-50.83	0.00	-0.096	-0.044	-1866.001
			Right	-0.59	-50.83	0.00	-0.093	-0.023	1895.193
L4	SA-8	DX MAX	Left	53.91	515.45	0.61	17.022	10.498	19430.774
			Right	53.92	515.45	0.61	17.322	10.853	18718.132
L4	SA-8	DX MIN	Left	-53.91	-515.45	-0.61	-17.022	-10.498	-19430.774
			Right	-53.92	-515.45	-0.61	-17.322	-10.853	-18718.132
L4	SA-8	DY MAX	Left	30.95	760.57	0.17	5.307	2.870	27477.575
			Right	31.24	760.57	0.17	4.154	2.946	28792.720
L4	SA-8	DY MIN	Left	-30.95	-760.57	-0.17	-5.307	-2.870	-27477.575
			Right	-31.24	-760.57	-0.17	-4.154	-2.946	-28792.720
L4	SP-1	DEAD	Left	-21.48	-13.98	0.01	0.106	0.368	-484.291
			Right	-21.48	3.75	0.01	0.105	-0.115	-105.666
L4	SP-1	TORX	Left	-0.90	42.14	0.00	-0.037	0.024	1565.205
			Right	-0.90	43.14	0.00	-0.042	0.037	-1553.212
L4	SP-1	TORY	Left	-1.09	51.61	0.00	-0.041	0.029	1916.956
			Right	-1.10	51.61	0.00	-0.046	0.046	-1902.290
L4	SP-1	DX MAX	Left	51.73	517.65	0.63	18.187	11.289	18850.059
			Right	51.73	517.65	0.62	17.033	10.836	19457.838
L4	SP-1	DX MIN	Left	-51.73	-517.65	-0.63	-18.187	-11.289	-18850.059
			Right	-51.73	-517.65	-0.62	-17.033	-10.836	-19457.838
L4	SP-1	DY MAX	Left	19.95	812.52	0.08	2.549	1.531	30539.002
			Right	19.52	813.52	0.09	2.247	1.443	29573.459
L4	SP-1	DY MIN	Left	-19.95	-812.52	-0.08	-2.549	-1.531	-30539.002
			Right	-19.52	-812.52	-0.09	-2.247	-1.443	-29573.459

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SP-2	DEAD	Left	-18.05	-7.86	0.00	-0.013	0.001	-211.343
			Right	-18.05	8.44	0.00	-0.014	-0.002	-231.108
L4	SP-2	TORX	Left	1.88	37.33	0.00	-0.039	0.013	1408.013
			Right	1.88	37.33	0.00	-0.042	0.032	-1130.583
L4	SP-2	TORY	Left	2.32	45.69	0.00	-0.041	0.016	1723.163
			Right	2.32	45.69	0.00	-0.045	0.038	-1383.499
L4	SP-2	DX MAX	Left	11.18	288.89	0.57	16.412	9.092	10669.002
			Right	11.15	288.89	0.56	15.238	9.009	8976.078
L4	SP-2	DX MIN	Left	-11.18	-288.89	-0.57	-16.412	-9.092	-10669.002
			Right	-11.15	-288.89	-0.56	-15.238	-9.009	-8976.078
L4	SP-2	DY MAX	Left	69.48	771.17	0.07	2.343	1.164	29434.803
			Right	68.93	771.17	0.07	1.919	1.162	32992.797
L4	SP-2	DY MIN	Left	-69.48	-771.17	-0.07	-2.343	-1.164	-29434.803
			Right	-68.93	-771.17	-0.07	-1.919	-1.162	-32992.797
L4	SP-3	DEAD	Left	-15.09	-5.20	0.00	-0.016	0.000	-71.893
			Right	-15.09	11.69	0.00	-0.017	-0.001	-271.997
L4	SP-3	TORX	Left	-5.49	31.72	0.00	-0.051	0.007	991.463
			Right	-5.49	31.72	0.00	-0.054	0.026	-1165.407
L4	SP-3	TORY	Left	-6.69	38.80	0.00	-0.060	0.008	1213.247
			Right	-6.69	38.80	0.00	-0.063	0.032	-1425.268
L4	SP-3	DX MAX	Left	51.46	306.92	0.59	16.760	9.198	6206.662
			Right	51.47	306.92	0.54	14.792	8.752	7864.712
L4	SP-3	DX MIN	Left	-51.46	-306.92	-0.59	-16.760	-9.198	-6206.662
			Right	-51.47	-306.92	-0.54	-14.792	-8.752	-7864.712
L4	SP-3	DY MAX	Left	103.59	660.75	0.08	2.363	1.189	20787.305
			Right	103.78	660.75	0.07	1.882	1.141	24134.518
L4	SP-3	DY MIN	Left	-103.59	-660.75	-0.08	-2.363	-1.189	-20787.305
			Right	-103.78	-660.75	-0.07	-1.882	-1.141	-24134.518

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SP-4	DEAD	Left	-12.01	-4.47	0.00	-0.015	0.000	-8.424
			Right	-12.01	11.82	0.00	-0.016	-0.002	-258.389
L4	SP-4	TORX	Left	-6.44	14.35	0.00	-0.059	0.000	379.185
			Right	-6.44	14.35	0.00	-0.062	0.021	-596.480
L4	SP-4	TORY	Left	-7.87	17.61	0.00	-0.072	0.000	465.476
			Right	-7.87	17.61	0.00	-0.075	0.025	-731.724
L4	SP-4	DX MAX	Left	46.80	92.06	0.56	15.796	8.991	2311.457
			Right	46.81	92.06	0.56	15.675	8.868	3948.850
L4	SP-4	DX MIN	Left	-46.80	-92.06	-0.56	-15.796	-8.991	-2311.457
			Right	-46.81	-92.06	-0.56	-15.675	-8.869	-3948.850
L4	SP-4	DY MAX	Left	130.84	317.24	0.09	2.317	1.200	8572.856
			Right	131.07	317.24	0.08	2.115	1.189	12996.085
L4	SP-4	DY MIN	Left	-130.84	-317.24	-0.09	-2.317	-1.200	-8572.856
			Right	-131.07	-317.24	-0.08	-2.115	-1.198	-12996.085
L4	SP-5	DEAD	Left	-14.10	-18.24	0.00	0.024	-0.003	-506.669
			Right	-14.10	-1.95	0.00	0.023	-0.001	179.598
L4	SP-5	TORX	Left	6.18	11.74	0.00	-0.060	-0.022	489.145
			Right	6.18	11.74	0.00	-0.059	-0.002	-309.296
L4	SP-5	TORY	Left	7.56	14.43	0.00	-0.074	-0.027	601.129
			Right	7.56	14.43	0.00	-0.073	-0.002	-380.265
L4	SP-5	DX MAX	Left	39.35	59.82	0.55	15.264	8.766	2635.497
			Right	39.36	59.82	0.55	15.659	8.876	1435.620
L4	SP-5	DX MIN	Left	-39.35	-59.82	-0.55	-15.264	-8.766	-2635.497
			Right	-39.36	-59.82	-0.55	-15.659	-8.876	-1435.620
L4	SP-5	DY MAX	Left	127.93	277.80	0.12	3.184	1.777	11338.714
			Right	127.70	277.80	0.12	3.285	1.778	7546.483
L4	SP 5	DY MIN	Left	-127.93	-277.80	-0.12	-3.184	-1.777	-11338.714
			Right	-127.70	-277.80	-0.12	-3.285	-1.778	-7546.483

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SP-6	DEAD	Left	-15.26	-22.42	0.00	0.026	-0.002	-646.142
			Right	-15.26	-6.12	0.00	0.025	0.000	324.189
L4	SP-6	TORX	Left	6.18	25.59	0.00	-0.068	-0.029	970.331
			Right	6.18	25.59	0.00	-0.067	-0.010	-769.809
L4	SP-6	TORY	Left	7.54	31.33	0.00	-0.084	-0.035	1187.747
			Right	7.54	31.33	0.00	-0.082	-0.012	-942.955
L4	SP-6	DX MAX	Left	49.51	134.59	0.55	15.206	8.810	5381.499
			Right	49.52	134.59	0.55	15.646	8.811	3774.582
L4	SP-6	DX MIN	Left	-49.51	-134.59	-0.55	-15.206	-8.810	-5381.499
			Right	-49.52	-134.59	-0.55	-15.646	-8.811	-3774.582
L4	SP-6	DY MAX	Left	120.14	564.01	0.13	3.211	1.862	21196.536
			Right	119.89	564.01	0.13	3.692	1.862	17146.872
L4	SP-6	DY MIN	Left	-120.14	-564.01	-0.13	-3.211	-1.862	-21196.536
			Right	-119.89	-564.01	-0.13	-3.692	-1.862	-17146.872
L4	SP-7	DEAD	Left	-18.42	-18.31	0.00	0.018	-0.003	-491.587
			Right	-18.42	-0.02	0.00	0.017	0.001	63.391
L4	SP-7	TORX	Left	-1.09	33.25	0.00	-0.074	-0.032	1013.854
			Right	-1.09	33.25	0.00	-0.072	-0.011	-1246.984
L4	SP-7	TORY	Left	-1.36	40.72	0.00	-0.089	-0.039	1241.402
			Right	-1.36	40.72	0.00	-0.087	-0.013	-1527.639
L4	SP-7	DX MAX	Left	18.33	226.09	0.55	15.191	8.798	7157.653
			Right	18.33	226.09	0.55	15.610	8.854	8219.840
L4	SP-7	DX MIN	Left	-18.33	-226.09	-0.55	-15.191	-8.798	-7157.653
			Right	-18.33	-226.09	-0.55	-15.610	-8.854	-8219.840
L4	SP-7	DY MAX	Left	64.71	725.72	0.13	3.134	2.035	21665.598
			Right	65.35	725.72	0.13	4.261	2.105	27671.606
L4	SP-7	DY MIN	Left	-64.71	-725.72	-0.13	-3.134	-2.035	-21665.598
			Right	-65.35	-725.72	-0.13	-4.261	-2.105	-27671.606

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L4	SP-8	DEAD	Left	-18.63	-5.80	-0.01	-0.100	-0.105	-121.610
			Right	-18.63	11.93	-0.01	-0.101	0.373	-348.502
L4	SP-8	TORX	Left	0.29	49.34	0.00	-0.083	-0.035	1806.479
			Right	0.29	49.34	0.00	-0.080	-0.015	-1844.531
L4	SP-8	TORY	Left	0.35	60.48	0.00	-0.102	-0.042	2214.364
			Right	0.35	60.48	0.00	-0.098	-0.018	-2260.945
L4	SP-8	DX MAX	Left	42.16	541.58	0.61	17.012	10.496	20091.802
			Right	42.17	541.58	0.61	17.232	10.828	19988.440
L4	SP-8	DX MIN	Left	-42.16	-541.58	-0.61	-17.012	-10.496	-20091.802
			Right	-42.17	-541.58	-0.61	-17.232	-10.828	-19988.440
L4	SP-8	DY MAX	Left	25.20	987.86	0.17	4.245	2.834	35899.484
			Right	25.65	987.86	0.17	5.261	2.890	37187.495
L4	SP-8	DY MIN	Left	-25.20	-987.86	-0.17	-4.245	-2.834	-35899.484
			Right	-25.65	-987.86	-0.17	-5.261	-2.890	-37187.495
L3	S1-1	DEAD	Left	-12.33	29.58	-0.01	-0.186	-0.366	1282.682
			Right	-12.33	44.04	-0.01	-0.186	0.091	-1441.316
L3	S1-1	TORX	Left	2.05	-30.67	0.00	0.000	0.023	-1102.617
			Right	2.05	-30.67	0.00	-0.001	-0.024	1166.908
L3	S1-1	TORY	Left	2.50	-37.51	0.00	0.000	0.029	-1348.501
			Right	2.50	-37.51	0.00	-0.002	-0.031	1427.062
L3	S1-1	DX MAX	Left	27.26	769.47	0.10	1.930	1.589	27547.138
			Right	27.87	769.47	0.10	1.416	1.854	29387.566
L3	S1-1	DX MIN	Left	-27.26	-769.47	-0.10	-1.930	-1.589	-27547.138
			Right	-27.87	-769.47	-0.10	-1.416	-1.854	-29387.566
L3	S1-1	DY MAX	Left	29.07	229.38	0.55	9.228	9.265	8402.426
			Right	29.08	229.38	0.54	8.578	8.901	8573.603
L3	S1-1	DY MIN	Left	-29.07	-229.38	-0.55	-9.228	-9.265	-8402.426
			Right	-29.08	-229.38	-0.54	-9.578	-8.901	-8573.603

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S1-2	DEAD	Left	-13.67	14.86	0.00	0.011	-0.039	710.264
			Right	-13.68	30.14	0.00	0.011	-0.027	-887.772
L3	S1-2	TORX	Left	-0.67	-24.70	0.00	-0.038	-0.013	-912.306
			Right	-0.67	-24.70	0.00	-0.039	-0.001	767.264
L3	S1-2	TORY	Left	-0.83	-30.19	0.00	-0.050	-0.016	-1115.018
			Right	-0.83	-30.19	0.00	-0.051	0.002	937.623
L3	S1-2	DX MAX	Left	74.53	752.28	0.08	1.492	1.296	28277.219
			Right	73.95	752.28	0.08	1.396	1.303	22872.984
L3	S1-2	DX MIN	Left	-74.53	-752.28	-0.08	-1.492	-1.296	-28277.219
			Right	-73.95	-752.28	-0.08	-1.396	-1.303	-22872.984
L3	S1-2	DY MAX	Left	34.25	84.74	0.46	7.166	6.852	2930.473
			Right	34.33	84.74	0.47	8.417	7.368	2875.547
L3	S1-2	DY MIN	Left	-34.25	-84.74	-0.46	-7.166	-6.852	-2930.473
			Right	-34.33	-84.74	-0.47	-8.417	-7.368	-2875.547
L3	S1-3	DEAD	Left	-16.01	10.81	0.00	0.000	-0.025	417.281
			Right	-16.01	24.09	0.00	0.000	-0.025	-769.046
L3	S1-3	TORX	Left	4.45	-18.11	0.00	-0.022	-0.039	-563.461
			Right	4.45	-18.11	0.00	-0.023	-0.028	668.079
L3	S1-3	TORY	Left	5.43	-22.13	0.00	-0.022	-0.051	-688.422
			Right	5.43	-22.13	0.00	-0.023	-0.039	816.093
L3	S1-3	DX MAX	Left	102.69	580.77	0.08	0.974	1.151	18380.924
			Right	102.90	580.77	0.08	1.484	1.241	21105.664
L3	S1-3	DX MIN	Left	-102.69	-580.77	-0.08	-0.974	-1.151	-18380.924
			Right	-102.90	-580.77	-0.08	-1.484	-1.241	-21105.664
L3	S1-3	DY MAX	Left	30.65	54.66	0.47	7.025	7.361	1688.694
			Right	30.64	54.66	0.47	8.283	7.834	2046.443
L3	S1-3	DY MIN	Left	-30.65	-54.66	-0.47	-7.025	-7.361	-1688.694
			Right	-30.64	-54.66	-0.47	-8.283	-7.834	-2046.443

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S1-4	DEAD	Left	-12.90	7.48	0.00	0.006	-0.030	348.878
			Right	-12.90	20.76	0.00	0.006	-0.032	-611.284
L3	S1-4	TORX	Left	4.92	-13.94	0.00	-0.045	-0.017	-415.165
			Right	4.92	-13.94	0.00	-0.045	0.015	533.026
L3	S1-4	TORY	Left	5.88	-17.02	0.00	-0.054	-0.018	-506.780
			Right	5.88	-17.02	0.00	-0.055	0.026	650.448
L3	S1-4	DX MAX	Left	131.70	477.49	0.07	1.282	1.098	14367.234
			Right	131.95	477.49	0.07	1.184	1.187	18096.137
L3	S1-4	DX MIN	Left	-131.70	-477.49	-0.07	-1.282	-1.098	-14367.234
			Right	-131.95	-477.49	-0.07	-1.184	-1.187	-18096.137
L3	S1-4	DY MAX	Left	19.96	49.70	0.47	6.796	7.396	1524.990
			Right	19.96	49.70	0.47	8.526	7.864	1856.708
L3	S1-4	DY MIN	Left	-19.96	-49.70	-0.47	-6.796	-7.396	-1524.990
			Right	-19.96	-49.70	-0.47	-8.526	-7.864	-1856.708
L3	S1-5	DEAD	Left	-12.17	-13.54	0.00	-0.005	-0.032	-344.740
			Right	-12.17	-0.26	0.00	-0.006	-0.030	124.659
L3	S1-5	TORX	Left	-4.96	-14.73	0.00	-0.050	-0.033	-561.412
			Right	-4.96	-14.73	0.00	-0.048	0.004	440.279
L3	S1-5	TORY	Left	-6.05	-17.99	0.00	-0.062	-0.051	-685.471
			Right	-6.05	-17.99	0.00	-0.059	0.001	537.701
L3	S1-5	DX MAX	Left	129.74	488.59	0.05	0.959	1.074	18450.643
			Right	129.50	488.59	0.05	0.868	0.923	14768.009
L3	S1-5	DX MIN	Left	-129.74	-488.59	-0.05	-0.959	-1.074	-18450.643
			Right	-129.50	-488.59	-0.05	-0.868	-0.923	-14768.009
L3	S1-5	DY MAX	Left	43.76	131.53	0.50	8.776	8.537	5021.867
			Right	43.74	131.53	0.50	7.402	8.055	3922.020
L3	S1-5	DY MIN	Left	-43.76	-131.53	-0.50	-8.776	-8.537	-5021.867
			Right	-43.74	-131.53	-0.50	-7.402	-8.055	-3922.020

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S1-6	DEAD	Left	-16.41	-17.28	0.00	0.002	-0.016	-539.013
			Right	-16.41	-4.00	0.00	0.002	-0.033	184.496
L3	S1-6	TORX	Left	-4.78	-18.65	0.00	-0.039	0.017	-693.813
			Right	-4.78	-18.65	0.00	-0.037	0.031	574.177
L3	S1-6	TORY	Left	-5.83	-22.79	0.00	-0.045	0.025	-847.732
			Right	-5.83	-22.79	0.00	-0.042	0.041	701.497
L3	S1-6	DX MAX	Left	103.80	572.47	0.05	1.145	1.097	20943.028
			Right	103.57	572.47	0.05	0.920	0.953	17979.331
L3	S1-6	DX MIN	Left	-103.80	-572.47	-0.05	-1.145	-1.097	-20943.028
			Right	-103.57	-572.47	-0.05	-0.920	-0.953	-17979.331
L3	S1-6	DY MAX	Left	52.84	178.43	0.51	8.858	8.552	6758.954
			Right	52.84	178.43	0.50	7.463	8.033	5374.539
L3	S1-6	DY MIN	Left	-52.84	-178.43	-0.51	-8.858	-8.552	-6758.954
			Right	-52.84	-178.43	-0.50	-7.463	-8.033	-5374.539
L3	S1-7	DEAD	Left	-16.01	-24.11	0.00	0.095	-0.048	-727.904
			Right	-16.01	-10.83	0.00	0.094	-0.025	460.019
L3	S1-7	TORX	Left	0.77	-25.13	0.00	-0.070	-0.013	-777.193
			Right	0.77	-25.13	0.00	-0.067	0.005	931.373
L3	S1-7	TORY	Left	0.95	-30.71	0.00	-0.091	-0.020	-949.956
			Right	0.95	-30.71	0.00	-0.087	0.006	1138.593
L3	S1-7	DX MAX	Left	78.17	717.82	0.06	1.123	1.134	21658.405
			Right	78.73	717.82	0.06	0.925	0.916	17148.341
L3	S1-7	DX MIN	Left	-78.17	-717.82	-0.06	-1.123	-1.134	-21658.405
			Right	-78.73	-717.82	-0.06	-0.925	-0.916	-17148.341
L3	S1-7	DY MAX	Left	15.08	281.50	0.51	9.032	8.215	8790.173
			Right	15.11	281.50	0.50	7.505	7.719	10353.826
L3	S1-7	DY MIN	Left	-15.08	-281.50	-0.51	-9.032	-8.215	-8790.173
			Right	-15.11	-281.50	-0.50	-7.505	-7.719	-10353.826

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S1-8	DEAD	Left	-13.39	-56.88	0.01	-0.359	0.198	-1945.007
			Right	-13.39	-42.42	0.01	-0.359	-0.442	1729.063
L3	S1-8	TORX	Left	-2.13	-31.28	0.00	0.007	0.022	-1186.330
			Right	-2.13	-31.28	0.00	0.010	-0.037	1128.055
L3	S1-8	TORY	Left	-2.60	-38.26	0.00	0.006	0.029	-1451.173
			Right	-2.60	-38.26	0.00	0.011	-0.047	1380.080
L3	S1-8	DX MAX	Left	27.63	663.92	0.07	2.645	1.197	25408.251
			Right	26.95	663.92	0.07	2.511	1.339	23714.920
L3	S1-8	DX MIN	Left	-27.63	-663.92	-0.07	-2.645	-1.197	-25408.251
			Right	-26.95	-663.92	-0.07	-2.511	-1.339	-23714.920
L3	S1-8	DY MAX	Left	41.24	488.01	0.58	9.499	9.741	18351.416
			Right	41.22	488.01	0.59	9.359	10.275	17761.124
L3	S1-8	DY MIN	Left	-41.24	-488.01	-0.58	-9.499	-9.741	-18351.416
			Right	-41.22	-488.01	-0.59	-9.359	-10.275	-17761.124
L3	S12-1	DEAD	Left	-15.55	14.49	0.01	0.108	0.378	649.341
			Right	-15.55	28.94	0.01	0.108	-0.116	-957.642
L3	S12-1	TORX	Left	-1.74	33.11	0.00	-0.013	0.013	1164.863
			Right	-1.74	33.11	0.00	-0.014	0.004	-1211.443
L3	S12-1	TORY	Left	-2.12	39.32	0.00	-0.016	0.015	1426.562
			Right	-2.12	39.32	0.00	-0.018	0.005	-1483.032
L3	S12-1	DX MAX	Left	6.70	678.64	0.09	1.298	1.688	24758.090
			Right	7.41	678.64	0.10	2.039	1.892	25453.966
L3	S12-1	DX MIN	Left	-6.70	-678.64	-0.09	-1.298	-1.688	-24758.090
			Right	-7.41	-678.64	-0.10	-2.039	-1.892	-25453.966
L3	S12-1	DY MAX	Left	36.91	172.09	0.50	7.887	8.623	6107.026
			Right	36.88	172.09	0.50	7.969	8.492	6630.764
L3	S12-1	DY MIN	Left	-36.91	-172.09	-0.50	-7.887	-8.623	-6107.026
			Right	-36.88	-172.09	-0.50	-7.969	-8.492	-6630.764

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S12-2	DEAD	Left	-14.87	4.67	0.00	0.045	0.030	258.524
			Right	-14.87	17.95	0.00	0.045	0.011	-510.578
L3	S12-2	TORX	Left	0.75	25.73	0.00	-0.091	0.009	950.649
			Right	0.75	25.73	0.00	-0.092	0.037	-799.299
L3	S12-2	TORY	Left	0.94	31.48	0.00	-0.124	0.014	1162.992
			Right	0.94	31.48	0.00	-0.125	0.054	-977.447
L3	S12-2	DX MAX	Left	50.80	612.95	0.07	0.881	1.192	22781.309
			Right	50.14	612.95	0.08	2.149	1.708	18894.671
L3	S12-2	DX MIN	Left	-50.80	-612.95	-0.07	-0.881	-1.192	-22781.309
			Right	-50.14	-612.95	-0.08	-2.149	-1.708	-18894.671
L3	S12-2	DY MAX	Left	33.44	66.15	0.44	6.344	6.597	2274.992
			Right	33.41	66.15	0.44	7.359	6.837	2274.241
L3	S12-2	DY MIN	Left	-33.44	-66.15	-0.44	-6.344	-6.597	-2274.992
			Right	-33.41	-66.15	-0.44	-7.359	-6.837	-2274.241
L3	S12-3	DEAD	Left	-14.25	1.81	0.00	0.044	0.020	150.819
			Right	-14.25	15.10	0.00	0.044	-0.003	-424.102
L3	S12-3	TORX	Left	-4.20	18.62	0.00	-0.047	-0.024	585.237
			Right	-4.20	18.62	0.00	-0.047	0.000	-680.591
L3	S12-3	TORY	Left	-5.11	22.74	0.00	-0.057	-0.034	714.891
			Right	-5.11	22.74	0.00	-0.058	-0.003	-831.198
L3	S12-3	DX MAX	Left	89.01	466.91	0.07	0.789	1.381	14857.891
			Right	89.21	466.91	0.08	1.709	1.803	16886.413
L3	S12-3	DX MIN	Left	-89.01	-466.91	-0.07	-0.789	-1.381	-14857.891
			Right	-89.21	-466.91	-0.08	-1.709	-1.803	-16886.413
L3	S12-3	DY MAX	Left	28.45	44.43	0.44	6.516	6.890	1376.200
			Right	28.44	44.43	0.44	7.347	7.075	1661.067
L3	S12-3	DY MIN	Left	-28.45	-44.43	-0.44	-6.516	-6.890	-1376.200
			Right	-28.44	-44.43	-0.44	-7.347	-7.075	-1661.067

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S12-4	DEAD	Left	-10.87	-4.07	0.00	0.045	0.018	6.872
			Right	-10.87	9.21	0.00	0.045	-0.019	-168.029
L3	S12-4	TORX	Left	-3.99	9.99	0.00	-0.055	0.015	303.688
			Right	-3.99	9.99	0.00	-0.055	0.069	-375.340
L3	S12-4	TORY	Left	-4.82	12.07	0.00	-0.069	0.025	367.857
			Right	-4.82	12.07	0.00	-0.069	0.103	-453.061
L3	S12-4	DX MAX	Left	97.13	270.64	0.06	0.756	1.388	8264.569
			Right	97.32	270.64	0.07	1.529	1.878	10133.081
L3	S12-4	DX MIN	Left	-97.13	-270.64	-0.06	-0.756	-1.388	-8264.569
			Right	-97.32	-270.64	-0.07	-1.529	-1.878	-10133.081
L3	S12-4	DY MAX	Left	21.61	37.94	0.44	6.474	6.914	1127.964
			Right	21.59	37.94	0.44	7.322	6.990	1468.983
L3	S12-4	DY MIN	Left	-21.61	-37.94	-0.44	-6.474	-6.914	-1127.964
			Right	-21.59	-37.94	-0.44	-7.322	-6.990	-1468.983
L3	S12-5	DEAD	Left	-9.88	-4.75	0.00	-0.037	-0.013	-3.233
			Right	-9.88	8.53	0.00	-0.037	0.017	-131.639
L3	S12-5	TORX	Left	4.05	10.17	0.00	-0.069	-0.070	380.845
			Right	4.05	10.17	0.00	-0.067	-0.009	-310.441
L3	S12-5	TORY	Left	4.90	12.28	0.00	-0.098	-0.103	459.433
			Right	4.90	12.28	0.00	-0.095	-0.017	-375.807
L3	S12-5	DX MAX	Left	95.43	270.94	0.05	1.011	1.094	10100.274
			Right	95.23	270.94	0.05	0.987	0.827	8318.024
L3	S12-5	DX MIN	Left	-95.43	-270.94	-0.05	-1.011	-1.094	-10100.274
			Right	-95.23	-270.94	-0.05	-0.987	-0.827	-8318.024
L3	S12-5	DY MAX	Left	33.08	75.95	0.47	7.822	7.821	2907.292
			Right	33.06	75.95	0.46	6.714	7.522	2257.074
L3	S12-5	DY MIN	Left	-33.08	-75.95	-0.47	-7.822	-7.821	-2907.292
			Right	-33.06	-75.95	-0.46	-6.714	-7.522	-2257.074

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S12-6	DEAD	Left	-13.51	-9.86	0.00	-0.033	-0.002	-200.341
			Right	-13.51	4.43	0.00	-0.034	0.018	-49.699
L3	S12-6	TORX	Left	4.56	19.33	0.00	-0.079	-0.019	713.554
			Right	4.56	19.33	0.00	-0.076	0.018	-401.172
L3	S12-6	TORY	Left	5.55	23.62	0.00	-0.098	-0.025	871.435
			Right	5.55	23.62	0.00	-0.095	0.023	-734.455
L3	S12-6	DX MAX	Left	91.95	466.84	0.05	1.078	1.149	17006.541
			Right	91.75	466.84	0.05	0.842	0.936	14732.617
L3	S12-6	DX MIN	Left	-91.95	-466.84	-0.05	-1.078	-1.149	-17006.541
			Right	-91.75	-466.84	-0.05	-0.842	-0.936	-14732.617
L3	S12-6	DY MAX	Left	44.26	151.59	0.48	8.031	7.894	5699.630
			Right	44.24	151.59	0.46	6.557	7.483	4608.627
L3	S12-6	DY MIN	Left	-44.26	-151.59	-0.48	-8.031	-7.894	-5699.630
			Right	-44.24	-151.59	-0.46	-6.557	-7.483	-4608.627
L3	S12-7	DEAD	Left	-15.85	-9.83	0.00	-0.032	0.011	-264.925
			Right	-15.85	3.45	0.00	-0.033	0.028	-47.794
L3	S12-7	TORX	Left	-0.92	27.12	0.00	-0.127	-0.037	839.690
			Right	-0.92	27.12	0.00	-0.124	0.017	-1004.178
L3	S12-7	TORY	Left	-1.14	33.17	0.00	-0.164	-0.054	1027.061
			Right	-1.14	33.17	0.00	-0.161	0.021	-1228.735
L3	S12-7	DX MAX	Left	52.85	608.59	0.06	1.342	1.028	18676.637
			Right	53.49	608.59	0.05	1.112	0.875	22702.729
L3	S12-7	DX MIN	Left	-52.85	-608.59	-0.06	-1.342	-1.028	-18676.637
			Right	-53.49	-608.59	-0.05	-1.112	-0.875	-22702.729
L3	S12-7	DY MAX	Left	13.83	240.11	0.48	8.532	7.673	7556.254
			Right	13.87	240.11	0.46	6.164	7.134	8771.568
L3	S12-7	DY MIN	Left	-13.83	-240.11	-0.48	-8.532	-7.673	-7556.254
			Right	-13.87	-240.11	-0.46	-6.164	-7.134	-8771.568

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	S12-8	DEAD	Left	-15.87	-21.84	-0.01	-0.132	-0.122	-693.840
			Right	-15.87	-7.39	-0.01	-0.133	0.393	387.445
L3	S12-8	TORX	Left	1.57	37.30	0.00	-0.060	-0.006	1400.966
			Right	1.57	37.30	0.00	-0.057	0.019	-1359.426
L3	S12-8	TORY	Left	1.90	45.70	0.00	-0.082	-0.009	1715.922
			Right	1.90	45.70	0.00	-0.078	0.022	-1665.797
L3	S12-8	DX MAX	Left	7.79	672.92	0.07	1.495	1.263	25230.852
			Right	6.93	672.92	0.07	1.194	1.372	24557.898
L3	S12-8	DX MIN	Left	-7.79	-672.92	-0.07	-1.495	-1.263	-25230.852
			Right	-6.93	-672.92	-0.07	-1.194	-1.372	-24557.898
L3	S12-8	DY MAX	Left	38.75	443.26	0.55	9.033	9.324	16704.782
			Right	38.72	443.26	0.54	7.938	8.993	16096.519
L3	S12-8	DY MIN	Left	-38.75	-443.26	-0.55	-9.033	-9.324	-16704.782
			Right	-38.72	-443.26	-0.54	-7.938	-8.993	-16096.519
L3	SA-1	DEAD	Left	-14.84	7.16	-0.01	-0.090	-0.371	384.033
			Right	-14.84	21.62	-0.01	-0.090	0.113	-680.823
L3	SA-1	TORX	Left	1.08	-25.32	0.00	-0.030	-0.031	-917.951
			Right	1.08	-25.32	0.00	-0.033	0.002	955.443
L3	SA-1	TORY	Left	1.31	-31.10	0.00	-0.042	-0.040	-1128.070
			Right	1.31	-31.10	0.00	-0.045	0.004	1173.230
L3	SA-1	DX MAX	Left	41.64	396.52	0.51	7.334	8.680	14309.163
			Right	41.65	396.52	0.53	9.059	9.186	15033.501
L3	SA-1	DX MIN	Left	-41.64	-396.52	-0.51	-7.334	-8.680	-14309.163
			Right	-41.65	-396.52	-0.53	-9.059	-9.186	-15033.501
L3	SA-1	DY MAX	Left	6.87	485.79	0.08	1.718	1.332	17699.640
			Right	7.31	485.79	0.09	1.503	1.484	18242.309
L3	SA-1	DY MIN	Left	-6.87	-485.79	-0.08	-1.718	-1.332	-17699.640
			Right	-7.31	-485.79	-0.09	-1.503	-1.484	-18242.309

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SA-2	DEAD	Left	-12.82	3.63	0.00	-0.025	-0.029	240.414
			Right	-12.82	16.91	0.00	-0.025	-0.021	-458.029
L3	SA-2	TORX	Left	-0.65	-21.42	0.00	-0.104	-0.004	-786.960
			Right	-0.65	-21.42	0.00	-0.106	0.024	669.532
L3	SA-2	TORY	Left	-0.82	-26.25	0.00	-0.140	-0.001	-964.775
			Right	-0.82	-26.25	0.00	-0.142	0.039	820.166
L3	SA-2	DX MAX	Left	14.53	322.33	0.46	5.717	7.327	8069.414
			Right	14.48	322.33	0.47	8.905	7.917	7049.791
L3	SA-2	DX MIN	Left	-14.53	-322.33	-0.46	-5.717	-7.327	-8069.414
			Right	-14.48	-322.33	-0.47	-8.905	-7.917	-7049.791
L3	SA-2	DY MAX	Left	54.94	515.46	0.07	1.821	1.117	19308.663
			Right	54.48	515.46	0.07	1.829	1.281	15739.117
L3	SA-2	DY MIN	Left	-54.94	-515.46	-0.07	-1.821	-1.117	-19308.663
			Right	-54.48	-515.46	-0.07	-1.829	-1.281	-15739.117
L3	SA-3	DEAD	Left	-11.90	7.97	0.00	-0.011	-0.024	376.925
			Right	-11.90	21.25	0.00	-0.011	-0.014	-416.719
L3	SA-3	TORX	Left	3.42	-19.33	0.00	-0.058	-0.028	-624.423
			Right	3.42	-19.33	0.00	-0.060	-0.001	689.903
L3	SA-3	TORY	Left	4.17	-23.64	0.00	-0.073	-0.035	-763.871
			Right	4.17	-23.64	0.00	-0.075	-0.001	843.870
L3	SA-3	DX MAX	Left	38.51	161.06	0.48	6.569	7.786	5060.010
			Right	38.53	161.06	0.45	7.965	7.867	5891.966
L3	SA-3	DX MIN	Left	-38.51	-161.06	-0.48	-6.569	-7.786	-5060.010
			Right	-38.53	-161.06	-0.45	-7.965	-7.867	-5891.966
L3	SA-3	DY MAX	Left	57.10	475.00	0.06	1.740	0.965	15528.492
			Right	57.24	475.00	0.06	1.799	1.234	16766.638
L3	SA-3	DY MIN	Left	-57.10	-475.00	-0.06	-1.740	-0.965	-15528.492
			Right	-57.24	-475.00	-0.06	-1.799	-1.234	-16766.638

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SA-4	DEAD	Left	-4.63	6.34	0.00	-0.002	-0.022	591.463
			Right	-4.63	19.63	0.00	-0.003	-0.015	-291.549
L3	SA-4	TORX	Left	0.89	-14.27	0.00	-0.054	0.009	-588.050
			Right	0.89	-14.27	0.00	-0.055	0.033	382.124
L3	SA-4	TORY	Left	1.09	-17.43	0.00	-0.069	0.019	-718.043
			Right	1.09	-17.43	0.00	-0.071	0.052	467.057
L3	SA-4	DX MAX	Left	18.85	110.69	0.45	5.723	7.879	4125.898
			Right	18.87	110.69	0.47	9.033	8.552	3414.743
L3	SA-4	DX MIN	Left	-18.85	-110.69	-0.45	-5.723	-7.879	-4125.898
			Right	-18.87	-110.69	-0.47	-9.033	-8.552	-3414.743
L3	SA-4	DY MAX	Left	13.36	378.85	0.06	2.217	1.124	14996.633
			Right	13.86	378.85	0.06	2.186	1.643	10874.979
L3	SA-4	DY MIN	Left	-13.36	-378.85	-0.06	-2.217	-1.124	-14996.633
			Right	-13.86	-378.85	-0.06	-2.186	-1.643	-10874.979
L3	SA-5	DEAD	Left	-12.81	-18.47	0.00	0.002	-0.038	-562.489
			Right	-12.81	-6.19	0.00	0.002	-0.030	310.163
L3	SA-5	TORX	Left	-5.29	-15.10	0.00	-0.047	-0.005	-574.656
			Right	-5.29	-15.10	0.00	-0.046	0.034	451.903
L3	SA-5	TORY	Left	-6.45	-18.47	0.00	-0.054	-0.012	-703.796
			Right	-6.45	-18.47	0.00	-0.054	0.026	552.888
L3	SA-5	DX MAX	Left	23.88	40.32	0.48	8.456	7.729	1535.751
			Right	23.88	40.32	0.48	6.535	7.500	1318.948
L3	SA-5	DX MIN	Left	-23.88	-40.32	-0.48	-8.456	-7.729	-1535.751
			Right	-23.88	-40.32	-0.48	-6.535	-7.500	-1318.948
L3	SA-5	DY MAX	Left	117.60	428.50	0.06	1.270	1.630	16175.360
			Right	117.38	428.50	0.06	1.373	1.167	12957.563
L3	SA-5	DY MIN	Left	-117.60	-428.50	-0.06	-1.270	-1.630	-16175.360
			Right	-117.38	-428.50	-0.06	-1.373	-1.167	-12957.563

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SA-6	DEAD	Left	-16.17	-23.39	0.00	0.014	-0.021	-714.470
			Right	-16.17	-9.11	0.00	0.014	-0.027	356.719
L3	SA-6	TORX	Left	-4.97	-19.49	0.00	-0.030	0.027	-722.679
			Right	-4.97	-19.49	0.00	-0.029	0.041	601.976
L3	SA-6	TORY	Left	-6.06	-23.84	0.00	-0.033	0.036	-884.299
			Right	-6.06	-23.84	0.00	-0.032	0.053	736.784
L3	SA-6	DX MAX	Left	36.50	63.82	0.48	7.960	7.659	2495.067
			Right	36.51	63.82	0.48	6.962	7.405	1855.281
L3	SA-6	DX MIN	Left	-36.50	-63.82	-0.48	-7.960	-7.659	-2495.067
			Right	-36.51	-63.82	-0.48	-6.962	-7.405	-1855.281
L3	SA-6	DY MAX	Left	97.55	512.44	0.07	1.267	1.626	18781.961
			Right	97.34	512.44	0.07	1.345	1.173	16058.545
L3	SA-6	DY MIN	Left	-97.55	-512.44	-0.07	-1.267	-1.626	-18781.961
			Right	-97.34	-512.44	-0.07	-1.345	-1.173	-16058.545
L3	SA-7	DEAD	Left	-13.95	-27.22	0.00	0.007	-0.026	-796.523
			Right	-13.95	-13.94	0.00	0.006	-0.041	602.662
L3	SA-7	TORX	Left	0.84	-25.39	0.00	-0.038	0.006	-787.753
			Right	0.84	-25.39	0.00	-0.038	0.020	939.010
L3	SA-7	TORY	Left	1.05	-31.10	0.00	-0.050	0.003	-964.401
			Right	1.05	-31.10	0.00	-0.049	0.025	1150.065
L3	SA-7	DX MAX	Left	31.13	113.68	0.48	8.208	7.400	3848.241
			Right	31.17	113.68	0.47	6.738	7.047	3897.282
L3	SA-7	DX MIN	Left	-31.13	-113.68	-0.48	-8.208	-7.400	-3848.241
			Right	-31.17	-113.68	-0.47	-6.738	-7.047	-3897.282
L3	SA-7	DY MAX	Left	68.41	650.86	0.07	1.826	1.435	19700.684
			Right	68.96	650.86	0.08	2.087	1.099	24553.615
L3	SA-7	DY MIN	Left	-68.41	-650.86	-0.07	-1.826	-1.435	-19700.684
			Right	-68.96	-650.86	-0.08	-2.087	-1.099	-24553.615

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SA-8	DEAD	Left	-12.12	-39.14	0.01	0.191	0.094	-1256.427
			Right	-12.12	-24.68	0.01	0.160	-0.381	1104.912
L3	SA-8	TORX	Left	-1.78	-30.03	0.00	-0.014	0.025	-1144.896
			Right	-1.78	-30.03	0.00	-0.013	-0.006	1077.413
L3	SA-8	TORY	Left	-2.17	-36.80	0.00	-0.019	0.032	-1402.883
			Right	-2.17	-36.80	0.00	-0.018	-0.009	1320.599
L3	SA-8	DX MAX	Left	32.38	299.28	0.52	9.332	8.720	11203.619
			Right	32.38	299.28	0.53	9.304	9.025	10944.924
L3	SA-8	DX MIN	Left	-32.38	-299.28	-0.52	-9.332	-8.720	-11203.619
			Right	-32.38	-299.28	-0.53	-9.304	-9.025	-10944.924
L3	SA-8	DY MAX	Left	24.89	658.60	0.09	1.724	1.528	25175.045
			Right	24.23	658.60	0.10	2.861	1.627	23555.928
L3	SA-8	DY MIN	Left	-24.89	-658.60	-0.09	-1.724	-1.528	-25175.045
			Right	-24.23	-658.60	-0.10	-2.861	-1.627	-23555.928
L3	SP-1	DEAD	Left	-14.92	-0.13	0.01	0.123	0.394	126.366
			Right	-14.92	14.32	0.01	0.122	-0.123	-398.795
L3	SP-1	TORX	Left	-1.22	40.49	0.00	-0.068	-0.017	1482.267
			Right	-1.22	40.49	0.00	-0.071	0.015	-1514.264
L3	SP-1	TORY	Left	-1.47	49.71	0.00	-0.096	-0.019	1820.302
			Right	-1.47	49.71	0.00	-0.099	0.022	-1858.550
L3	SP-1	DX MAX	Left	39.31	375.05	0.51	7.461	8.789	13585.616
			Right	39.32	375.05	0.52	8.876	9.080	14168.934
L3	SP-1	DX MIN	Left	-39.31	-375.05	-0.51	-7.461	-8.789	-13585.616
			Right	-39.32	-375.05	-0.52	-8.876	-9.080	-14168.934
L3	SP-1	DY MAX	Left	5.01	700.29	0.08	1.133	1.618	25685.313
			Right	5.42	700.29	0.09	1.912	1.665	26128.615
L3	SP-1	DY MIN	Left	-5.01	-700.29	-0.08	-1.133	-1.618	-25685.313
			Right	-5.42	-700.29	-0.09	-1.912	-1.665	-26128.615

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SP-2	DEAD	Left	-16.47	-6.79	0.00	0.041	0.033	-192.233
			Right	-16.47	8.49	0.00	0.040	0.013	-182.184
L3	SP-2	TORX	Left	1.73	34.19	0.00	-0.125	-0.011	1265.411
			Right	1.73	34.19	0.00	-0.126	0.042	-1059.674
L3	SP-2	TORY	Left	2.16	41.90	0.00	-0.163	-0.012	1551.228
			Right	2.15	41.90	0.00	-0.165	0.062	-1298.051
L3	SP-2	DX MAX	Left	17.64	315.31	0.46	6.102	7.147	7701.282
			Right	17.63	315.31	0.47	8.424	7.677	6941.163
L3	SP-2	DX MIN	Left	-17.64	-315.31	-0.46	-6.102	-7.147	-7701.282
			Right	-17.63	-315.31	-0.47	-8.424	-7.677	-6941.163
L3	SP-2	DY MAX	Left	57.95	656.92	0.06	0.981	1.069	24444.481
			Right	57.33	656.92	0.07	1.816	1.354	20222.499
L3	SP-2	DY MIN	Left	-57.95	-656.92	-0.06	-0.981	-1.069	-24444.481
			Right	-57.33	-656.92	-0.07	-1.816	-1.354	-20222.499
L3	SP-3	DEAD	Left	-12.15	-6.01	0.00	0.036	0.020	-76.821
			Right	-12.15	7.28	0.00	0.035	-0.001	-120.063
L3	SP-3	TORX	Left	-4.55	24.54	0.00	-0.086	-0.009	782.647
			Right	-4.55	24.54	0.00	-0.088	0.033	-885.817
L3	SP-3	TORY	Left	-5.54	30.01	0.00	-0.109	-0.009	957.327
			Right	-5.54	30.01	0.00	-0.111	0.045	-1083.283
L3	SP-3	DX MAX	Left	39.03	138.55	0.48	6.983	7.716	4317.154
			Right	39.03	138.55	0.45	7.484	7.697	5104.601
L3	SP-3	DX MIN	Left	-39.03	-138.55	-0.48	-6.983	-7.716	-4317.154
			Right	-39.03	-138.55	-0.45	-7.484	-7.697	-5104.601
L3	SP-3	DY MAX	Left	81.90	486.54	0.06	0.917	1.200	15616.649
			Right	82.08	486.54	0.06	1.500	1.403	17463.403
L3	SP-3	DY MIN	Left	-81.90	-486.54	-0.06	-0.917	-1.200	-15616.649
			Right	-82.08	-486.54	-0.06	-1.500	-1.403	-17463.403

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SP-4	DEAD	Left	-10.23	-7.62	0.00	0.036	0.019	-122.970
			Right	-10.23	5.66	0.00	0.035	-0.010	-56.267
L3	SP-4	TORX	Left	-5.11	14.42	0.00	-0.070	0.015	433.565
			Right	-5.11	14.42	0.00	-0.072	0.062	-546.530
L3	SP-4	TORY	Left	-6.20	17.55	0.00	-0.087	0.025	529.001
			Right	-6.20	17.55	0.00	-0.088	0.090	-664.590
L3	SP-4	DX MAX	Left	33.44	66.57	0.46	6.696	7.596	1945.507
			Right	33.45	66.57	0.47	7.699	7.816	2581.162
L3	SP-4	DX MIN	Left	-33.44	-66.57	-0.46	-6.696	-7.596	-1945.507
			Right	-33.45	-66.57	-0.47	-7.699	-7.816	-2581.162
L3	SP-4	DY MAX	Left	101.31	295.78	0.06	0.876	1.115	8943.034
			Right	101.50	295.78	0.06	1.311	1.373	11166.558
L3	SP-4	DY MIN	Left	-101.31	-295.78	-0.06	-0.876	-1.115	-8943.034
			Right	-101.50	-295.78	-0.06	-1.311	-1.373	-11166.558
L3	SP-5	DEAD	Left	-11.89	-12.11	0.00	-0.047	0.001	-291.647
			Right	-11.89	1.17	0.00	-0.047	0.036	80.294
L3	SP-5	TORX	Left	4.69	12.40	0.00	-0.062	-0.010	465.257
			Right	4.69	12.40	0.00	-0.062	0.023	-378.096
L3	SP-5	TORY	Left	5.67	15.03	0.00	-0.072	-0.017	562.740
			Right	5.67	15.03	0.00	-0.071	0.026	-458.970
L3	SP-5	DX MAX	Left	27.62	29.21	0.45	7.755	7.085	1194.244
			Right	27.64	29.21	0.45	8.349	6.938	814.036
L3	SP-5	DX MIN	Left	-27.62	-29.21	-0.45	-7.755	-7.085	-1194.244
			Right	-27.64	-29.21	-0.45	-8.349	-6.938	-814.036
L3	SP-5	DY MAX	Left	96.31	267.54	0.06	1.447	1.652	10000.038
			Right	96.17	267.54	0.06	1.090	1.307	8191.290
L3	SP-5	DY MIN	Left	-96.31	-267.54	-0.06	-1.447	-1.652	-10000.038
			Right	-96.17	-267.54	-0.06	-1.090	-1.307	-8191.290

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SP-6	DEAD	Left	-15.21	-17.24	0.00	-0.056	0.013	-533.004
			Right	-15.21	-3.96	0.00	-0.056	0.034	187.862
L3	SP-6	TORX	Left	4.70	23.28	0.00	-0.056	0.017	840.411
			Right	4.70	23.28	0.00	-0.055	0.045	-742.470
L3	SP-6	TORY	Left	5.72	28.47	0.00	-0.064	0.034	1027.447
			Right	5.72	28.47	0.00	-0.063	0.058	-908.172
L3	SP-6	DX MAX	Left	38.07	63.74	0.45	7.394	7.201	2514.190
			Right	38.08	63.74	0.45	6.691	6.998	1838.350
L3	SP-6	DX MIN	Left	-38.07	-63.74	-0.45	-7.394	-7.201	-2514.190
			Right	-38.08	-63.74	-0.45	-6.691	-6.998	-1838.350
L3	SP-6	DY MAX	Left	85.86	479.70	0.06	1.414	1.830	17143.311
			Right	85.69	479.70	0.06	1.112	1.492	15471.321
L3	SP-6	DY MIN	Left	-85.86	-479.70	-0.06	-1.414	-1.830	-17143.311
			Right	-85.69	-479.70	-0.06	-1.112	-1.492	-15471.321
L3	SP-7	DEAD	Left	-9.77	-30.66	0.00	-0.033	0.025	-911.671
			Right	-9.77	-17.38	0.00	-0.034	0.058	821.577
L3	SP-7	TORX	Left	0.89	26.45	0.00	-0.060	0.002	856.898
			Right	0.89	26.45	0.00	-0.059	0.028	-941.677
L3	SP-7	TORY	Left	1.07	32.34	0.00	-0.076	-0.002	1047.800
			Right	1.07	32.34	0.00	-0.075	0.034	-1151.555
L3	SP-7	DX MAX	Left	24.64	120.19	0.46	7.468	6.899	4001.270
			Right	24.64	120.19	0.45	6.707	6.530	4176.872
L3	SP-7	DX MIN	Left	-24.64	-120.19	-0.46	-7.468	-6.899	-4001.270
			Right	-24.64	-120.19	-0.45	-6.707	-6.530	-4176.872
L3	SP-7	DY MAX	Left	32.39	516.55	0.07	1.913	1.595	16724.936
			Right	33.71	516.55	0.08	1.445	1.014	18396.051
L3	SP-7	DY MIN	Left	-32.39	-516.55	-0.07	-1.913	-1.595	-16724.936
			Right	-33.71	-516.55	-0.08	-1.445	-1.014	-18396.051

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SP-8	DEAD	Left	-20.57	-30.30	0.00	-0.170	-0.058	-1139.424
			Right	-20.57	-15.84	0.00	-0.171	0.296	587.623
L3	SP-8	TORX	Left	2.78	37.10	0.00	-0.014	0.031	1428.902
			Right	2.78	37.10	0.00	-0.013	-0.019	-1316.199
L3	SP-8	TORY	Left	3.39	45.45	0.00	-0.020	0.039	1750.311
			Right	3.39	45.45	0.00	-0.018	-0.025	-1613.070
L3	SP-8	DX MAX	Left	67.83	270.58	0.49	7.963	8.130	11046.080
			Right	67.84	270.58	0.50	7.694	8.674	8985.084
L3	SP-8	DX MIN	Left	-67.83	-270.58	-0.49	-7.963	-8.130	-11046.080
			Right	-67.84	-270.58	-0.50	-7.694	-8.674	-8985.084
L3	SP-8	DY MAX	Left	21.94	672.08	0.09	2.722	1.982	25558.868
			Right	21.30	672.08	0.09	1.847	1.835	24167.954
L3	SP-8	DY MIN	Left	-21.94	-672.08	-0.09	-2.722	-1.982	-25559.868
			Right	-21.30	-672.08	-0.09	-1.847	-1.835	-24167.954
L3	SA-4.1	DEAD	Left	-6.66	70.75	0.00	0.052	-0.018	2810.062
			Right	-6.66	84.04	0.00	0.051	-0.001	-2444.778
L3	SA-4.1	TORX	Left	1.81	-42.76	0.00	-0.051	-0.027	-1612.946
			Right	1.81	-42.76	0.00	-0.052	-0.009	1294.625
L3	SA-4.1	TORY	Left	2.20	-52.13	0.00	-0.074	-0.035	-1966.513
			Right	2.20	-52.13	0.00	-0.075	-0.017	1578.298
L3	SA-4.1	DX MAX	Left	19.62	246.66	0.41	5.589	6.993	9025.509
			Right	19.64	246.66	0.36	12.000	5.445	7750.246
L3	SA-4.1	DX MIN	Left	-19.62	-246.66	-0.41	-5.589	-6.993	-9025.509
			Right	-19.64	-246.66	-0.36	-12.000	-5.445	-7750.246
L3	SA-4.1	DY MAX	Left	35.07	995.87	0.05	5.860	1.155	37525.706
			Right	35.31	995.87	0.04	5.962	0.639	30197.529
L3	SA-4.1	DY MIN	Left	-35.07	-995.87	-0.05	-5.860	-1.155	-37525.706
			Right	-35.31	-995.87	-0.04	-5.962	-0.639	-30197.529

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L3	SA-4.2	DEAD	Left	-10.66	0.90	0.00	0.039	0.005	-169.226
			Right	-10.66	14.08	0.00	0.039	-0.002	-674.977
L3	SA-4.2	TORX	Left	5.82	-12.35	0.00	-0.040	0.003	-204.913
			Right	5.82	-12.35	0.00	-0.041	0.043	628.138
L3	SA-4.2	TORY	Left	7.09	-14.92	0.00	-0.045	0.008	-249.286
			Right	7.09	-14.92	0.00	-0.046	0.059	765.526
L3	SA-4.2	DX MAX	Left	34.75	56.34	0.42	6.691	5.905	816.657
			Right	34.76	56.34	0.41	6.217	5.599	3146.248
L3	SA-4.2	DX MIN	Left	-34.75	-56.34	-0.42	-6.691	-5.905	-816.657
			Right	-34.76	-56.34	-0.41	-6.217	-5.599	-3146.248
L3	SA-4.2	DY MAX	Left	132.96	345.19	0.05	2.086	0.788	7044.312
			Right	133.14	345.19	0.05	1.903	0.781	16501.809
L3	SA-4.2	DY MIN	Left	-132.96	-345.19	-0.05	-2.086	-0.788	-7044.312
			Right	-133.14	-345.19	-0.05	-1.903	-0.781	-16501.808
L3	S12-1	DEAD	Left	-14.77	1.58	0.01	0.092	0.259	284.173
			Right	-9.08	15.85	-0.01	0.031	0.113	-414.490
L3	S12-1	TORX	Left	-1.14	31.11	0.00	-0.122	-0.025	1113.484
			Right	-6.66	31.11	0.00	-0.092	0.025	-1130.421
L3	S12-1	TORY	Left	-1.27	38.33	0.00	-0.154	-0.047	1370.154
			Right	-8.15	38.33	0.00	-0.110	0.030	-1393.206
L3	S12-1	DX MAX	Left	15.50	634.78	0.03	1.454	1.701	22660.883
			Right	130.15	634.75	0.02	1.038	1.324	32944.922
L2	S12-1	DX MIN	Left	-15.50	-634.78	-0.03	-1.454	-1.701	-22660.883
			Right	-130.15	-634.75	-0.02	-1.038	-1.324	-32944.922
L3	S12-1	DY MAX	Left	52.63	67.26	0.03	1.298	3.597	2365.720
			Right	33.75	67.27	0.03	1.681	2.585	2468.706
L2	S12-1	DY MIN	Left	-52.63	-67.26	-0.03	-1.298	-3.597	-2365.720
			Right	-33.75	-67.27	-0.03	-1.681	-2.585	-2468.706

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	S12-2	DEAD	Left	-14.99	17.16	0.00	-0.052	-0.016	812.102
			Right	-15.03	30.30	0.00	-0.074	0.008	-798.610
L3	S12-2	TORX	Left	-2.63	27.77	0.00	-0.017	0.184	1015.346
			Right	-5.84	27.77	0.00	-0.030	0.324	-837.647
L3	S12-2	TORY	Left	-2.87	34.22	0.00	-0.017	0.286	1250.073
			Right	-7.00	34.22	0.00	-0.028	0.479	-1031.414
L3	S12-2	DX MAX	Left	75.11	571.37	0.03	0.380	2.073	20879.283
			Right	124.89	571.29	0.04	1.520	1.859	17301.074
L2	S12-2	DX MIN	Left	-75.11	-571.37	-0.03	-0.380	-2.073	-20879.283
			Right	-124.89	-571.29	-0.04	-1.520	-1.859	-17301.074
L3	S12-2	DY MAX	Left	54.97	58.89	0.05	0.653	2.571	2120.751
			Right	30.81	58.86	0.03	1.394	3.216	1712.093
L2	S12-2	DY MIN	Left	-54.97	-58.89	-0.05	-0.653	-2.571	-2120.751
			Right	-30.81	-58.86	-0.03	-1.394	-3.216	-1712.093
L3	S12-3	DEAD	Left	-7.32	7.59	0.00	-0.017	-0.043	346.296
			Right	-13.34	20.77	0.00	-0.023	-0.040	-557.012
L3	S12-3	TORX	Left	-1.09	20.11	0.00	-0.101	-0.453	623.801
			Right	-5.05	20.13	0.00	-0.044	-0.277	-703.044
L3	S12-3	TORY	Left	-1.01	24.83	0.00	-0.136	-0.684	769.405
			Right	-6.08	24.85	-0.01	-0.059	-0.425	-866.742
L3	S12-3	DX MAX	Left	54.42	433.54	0.02	0.628	2.259	13576.029
			Right	110.44	433.82	0.08	0.422	1.389	15173.812
L2	S12-3	DX MIN	Left	-54.42	-433.54	-0.02	-0.628	-2.259	-13576.029
			Right	-110.44	-433.82	-0.08	-0.422	-1.389	-15173.812
L2	S12-3	DY MAX	Left	58.18	58.27	0.07	1.143	4.858	1830.985
			Right	33.87	58.25	0.07	0.829	1.499	1933.029
L2	S11-3	DY MIN	Left	-58.18	-58.27	-0.07	-1.143	-4.858	-1830.985
			Right	-33.87	-58.25	-0.07	-0.829	-1.499	-1933.029

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	S12-4	DEAD	Left	-4.13	-3.02	0.00	0.010	-0.009	54.683
			Right	-1.79	10.16	0.00	-0.016	-0.045	-210.901
L2	S12-4	TORX	Left	1.07	14.45	-0.01	-0.040	0.296	432.282
			Right	-1.27	14.47	0.00	-0.080	0.646	-525.800
L2	S12-4	TORY	Left	1.72	17.94	-0.01	-0.055	0.451	535.397
			Right	-1.42	17.96	0.00	-0.113	0.974	-651.694
L2	S12-4	DX MAX	Left	40.93	310.75	0.06	0.539	1.948	9424.709
			Right	40.39	311.07	0.07	0.853	2.245	11298.491
L2	S12-4	DX MIN	Left	-40.93	-310.75	-0.06	-0.539	-1.948	-9424.709
			Right	-40.39	-311.07	-0.07	-0.853	-2.245	-11298.491
L2	S12-4	DY MAX	Left	71.94	72.57	0.14	0.836	1.173	3105.580
			Right	28.49	72.56	0.07	1.586	6.213	2493.758
L2	S12-4	DY MIN	Left	-71.94	-72.57	-0.14	-0.836	-1.173	-3105.580
			Right	-28.49	-72.56	-0.07	-1.586	-6.213	-2493.758
L2	S12-5	DEAD	Left	-1.23	-6.08	0.00	0.012	-0.026	-62.347
			Right	-3.89	7.09	0.00	-0.003	0.014	-70.343
L2	S12-5	TORX	Left	1.22	14.79	-0.01	-0.035	-0.433	534.708
			Right	-1.20	14.77	0.00	-0.077	-0.112	-444.444
L2	S12-5	TORY	Left	1.35	18.36	-0.01	-0.054	-0.666	662.818
			Right	-1.91	18.34	-0.01	-0.103	-0.179	-550.540
L2	S12-5	DX MAX	Left	41.60	312.16	0.06	0.893	3.272	11269.958
			Right	37.23	311.85	0.06	0.361	2.174	9530.919
L2	S12-5	DX MIN	Left	-41.60	-312.16	-0.06	-0.893	-3.272	-11269.958
			Right	-37.23	-311.85	-0.06	-0.361	-2.174	-9530.919
L2	S12-5	DY MAX	Left	31.46	104.55	0.03	1.498	5.261	3821.689
			Right	30.34	104.43	0.14	1.171	0.992	3141.824
L2	S12-5	DY MIN	Left	-31.46	-104.55	-0.03	-1.498	-5.261	-3821.689
			Right	-30.34	-104.42	-0.14	-1.171	-0.992	-3141.824

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	S12-6	DEAD	Left	-12.39	-15.03	0.00	0.011	-0.062	-359.145
			Right	-6.89	-1.84	0.00	0.017	-0.048	159.334
L2	S12-6	TORX	Left	5.16	20.62	-0.01	-0.005	0.165	728.572
			Right	1.12	20.60	0.00	-0.088	0.305	-630.299
L2	S12-6	TORY	Left	6.19	25.45	-0.01	-0.005	0.247	898.239
			Right	1.03	25.43	0.00	-0.117	0.459	-777.449
L2	S12-6	DX MAX	Left	109.98	431.64	0.07	0.455	3.639	15235.930
			Right	53.71	431.30	0.03	0.564	2.269	13369.014
L2	S12-6	DX MIN	Left	-109.98	-431.64	-0.07	-0.455	-3.639	-15235.930
			Right	-53.71	-431.30	-0.03	-0.564	-2.269	-13369.014
L2	S12-6	DY MAX	Left	47.77	161.62	0.05	0.908	2.672	5797.899
			Right	24.19	161.45	0.06	1.122	2.425	4896.859
L2	S12-6	DY MIN	Left	-47.77	-161.62	-0.05	-0.908	-2.672	-5797.899
			Right	-24.19	-161.45	-0.06	-1.122	-2.425	-4896.859
L2	S12-7	DEAD	Left	-13.72	-23.62	0.00	0.064	0.007	-592.486
			Right	-14.27	-10.48	0.00	0.046	-0.003	570.656
L2	S12-7	TORX	Left	5.93	28.95	0.00	0.088	-0.197	870.458
			Right	2.76	28.95	0.00	0.004	-0.038	-1063.114
L2	S12-7	TORY	Left	7.09	35.67	0.00	0.109	-0.297	1071.681
			Right	3.01	35.67	0.00	0.004	-0.049	-1308.745
L2	S12-7	DX MAX	Left	122.54	564.93	0.04	1.613	3.559	17037.333
			Right	72.81	565.02	0.03	0.283	4.314	20736.059
L2	S12-7	DX MIN	Left	-122.54	-564.93	-0.04	-1.613	-3.559	-17037.333
			Right	-72.81	-565.02	-0.03	-0.283	-4.314	-20736.059
L2	S12-7	DY MAX	Left	58.95	259.27	0.04	2.577	4.144	7799.649
			Right	44.92	259.28	0.07	0.883	3.656	9549.931
L2	S12-7	DY MIN	Left	-58.95	-259.27	-0.04	-2.577	-4.144	-7799.649
			Right	-44.92	-259.28	-0.07	-0.883	-3.656	-9549.931

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	S12-8	DEAD	Left	-8.31	-9.42	0.01	0.012	0.149	-183.162
			Right	-15.30	4.85	-0.01	-0.059	0.267	53.558
L2	S12-8	TORX	Left	7.56	35.58	0.00	-0.091	-0.051	1304.272
			Right	1.49	35.57	0.00	-0.135	-0.151	-1263.048
L2	S12-8	TORY	Left	9.24	43.82	0.00	-0.108	-0.071	1605.828
			Right	1.69	43.81	0.00	-0.161	-0.210	-1555.144
L2	S12-8	DX MAX	Left	129.36	629.89	0.03	0.780	3.256	22761.620
			Right	12.10	629.92	0.03	1.490	4.718	22491.243
L2	S12-8	DX MIN	Left	-129.36	-629.89	-0.03	-0.780	-3.256	-22761.620
			Right	-12.10	-629.92	-0.03	-1.490	-4.718	-22491.243
L2	S12-8	DY MAX	Left	81.14	369.43	0.04	1.699	1.993	13786.758
			Right	46.86	369.28	0.05	2.122	4.494	13032.743
L2	S12-8	DY MIN	Left	-81.14	-369.43	-0.04	-1.699	-1.993	-13786.758
			Right	-46.86	-369.28	-0.05	-2.122	-4.494	-13032.743
L2	SA-1	DEAD	Left	-14.03	-4.41	-0.01	-0.103	-0.247	68.959
			Right	-7.39	9.86	0.01	-0.040	-0.097	-196.895
L2	SA-1	TORX	Left	2.09	-17.58	0.00	-0.142	-0.017	-621.817
			Right	4.67	-17.58	0.00	-0.091	-0.041	650.918
L2	SA-1	TORY	Left	2.51	-21.60	0.00	-0.176	-0.037	-764.188
			Right	5.66	-21.61	0.00	-0.104	-0.072	799.960
L2	SA-1	DX MAX	Left	51.89	295.56	0.06	2.148	2.378	10451.183
			Right	79.83	295.70	0.02	2.237	1.972	11080.192
L2	SA-1	DX MIN	Left	-51.89	-295.56	-0.06	-2.148	-2.378	-10451.183
			Right	-79.83	-295.70	-0.02	-2.237	-1.972	-11080.192
L2	SA-1	DY MAX	Left	31.79	425.93	0.05	0.604	3.901	15247.810
			Right	84.79	425.87	0.03	0.920	2.588	15327.765
L2	SA-1	DY MIN	Left	-31.79	-425.93	-0.05	-0.604	-3.901	-15247.810
			Right	-84.79	-425.87	-0.03	-0.920	-2.588	-15327.765

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	SA-2	DEAD	Left	-15.85	12.84	0.00	0.032	0.025	664.784
			Right	-14.11	25.98	0.00	0.080	0.013	-670.322
L2	SA-2	TORX	Left	3.93	-16.10	0.00	0.015	0.174	-590.015
			Right	4.61	-16.10	0.00	0.034	0.210	495.700
L2	SA-2	TORY	Left	4.64	-19.76	0.00	0.025	0.254	-724.092
			Right	5.52	-19.76	0.00	0.030	0.317	608.324
L2	SA-2	DX MAX	Left	51.18	212.32	0.11	1.734	2.124	7851.326
			Right	56.89	212.32	0.03	2.395	3.445	6482.033
L2	SA-2	DX MIN	Left	-51.18	-212.32	-0.11	-1.734	-2.124	-7851.326
			Right	-56.89	-212.32	-0.03	-2.395	-3.445	-6482.033
L2	SA-2	DY MAX	Left	86.31	421.39	0.08	1.453	3.060	15481.104
			Right	101.31	421.33	0.02	0.954	1.835	12811.115
L2	SA-2	DY MIN	Left	-86.31	-421.39	-0.08	-1.453	-3.060	-15481.104
			Right	-101.31	-421.33	-0.02	-0.954	-1.835	-12811.115
L2	SA-3	DEAD	Left	-11.52	6.21	0.00	-0.033	0.009	374.692
			Right	-14.09	19.37	0.00	0.009	0.038	-468.303
L2	SA-3	TORX	Left	4.27	-12.68	0.00	-0.075	-0.353	-427.972
			Right	5.17	-12.69	0.00	-0.029	-0.224	424.238
L2	SA-3	TORY	Left	5.10	-15.58	0.00	-0.101	-0.541	-535.326
			Right	6.28	-15.59	-0.01	-0.033	-0.336	520.978
L2	SA-3	DX MAX	Left	42.80	134.37	0.11	1.495	1.098	4333.894
			Right	55.54	134.46	0.05	1.369	3.008	4679.428
L2	SA-3	DX MIN	Left	-42.80	-134.37	-0.11	-1.495	-1.098	-4333.894
			Right	-55.54	-134.46	-0.05	-1.369	-3.008	-4679.428
L2	SA-3	DY MAX	Left	97.55	349.59	0.13	1.549	1.675	11709.353
			Right	114.93	349.66	0.05	1.638	4.845	11781.478
L2	SA-3	DY MIN	Left	-97.55	-349.59	-0.13	-1.549	-1.675	-11709.353
			Right	-114.93	-349.66	-0.05	-1.638	-4.845	-11781.478

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	SA-4	DEAD	Left	-11.27	11.01	0.00	-0.045	-0.013	545.212
			Right	-8.90	24.20	0.00	0.021	0.018	-672.717
L2	SA-4	TORX	Left	4.66	-15.31	0.00	-0.042	0.198	-530.342
			Right	4.07	-15.33	0.00	-0.077	0.401	515.106
L2	SA-4	TORY	Left	5.59	-18.78	-0.01	-0.053	0.294	-649.979
			Right	4.97	-18.81	0.00	-0.107	0.612	631.519
L2	SA-4	DX MAX	Left	39.87	122.51	0.12	2.048	2.192	4106.055
			Right	40.35	122.68	0.05	1.434	1.338	4216.956
L2	SA-4	DX MIN	Left	-39.87	-122.51	-0.12	-2.048	-2.192	-4106.055
			Right	-40.35	-122.68	-0.05	-1.434	-1.338	-4216.956
L2	SA-4	DY MAX	Left	116.64	407.36	0.11	1.904	3.734	14072.696
			Right	105.62	407.75	0.04	1.348	1.189	13660.533
L2	SA-4	DY MIN	Left	-116.64	-407.36	-0.11	-1.904	-3.734	-14072.696
			Right	-105.62	-407.75	-0.04	-1.348	-1.189	-13660.533
L2	SP-1	DEAD	Left	-12.61	-8.80	0.01	0.073	0.255	-133.951
			Right	-7.05	5.48	-0.01	0.009	0.114	-65.025
L2	SP-1	TORX	Left	1.33	42.53	0.00	-0.119	0.130	1505.701
			Right	-7.29	42.54	0.00	-0.065	0.029	-1550.207
L2	SP-1	TORY	Left	1.73	52.39	0.00	-0.139	0.185	1851.230
			Right	-8.86	52.30	0.00	-0.071	0.036	-1905.847
L2	SP-1	DX MAX	Left	34.96	287.62	0.05	2.061	5.128	10044.342
			Right	74.51	287.79	0.04	2.119	3.142	10790.654
L2	SP-1	DX MIN	Left	-34.96	-287.62	-0.05	-2.061	-5.128	-10044.342
			Right	-74.51	-287.79	-0.04	-2.119	-3.142	-10790.654
L2	SP-1	DY MAX	Left	53.21	755.96	0.04	1.523	3.875	26829.373
			Right	123.75	756.02	0.02	0.796	2.980	27297.564
L2	SP-1	DY MIN	Left	-53.21	-755.96	-0.04	-1.523	-3.875	-26829.373
			Right	-123.75	-756.02	-0.02	-0.796	-2.980	-27297.564

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	SP-2	DEAD	Left	-16.51	8.55	0.00	-0.041	0.006	546.966
			Right	-15.21	21.67	0.00	-0.080	0.006	-491.925
L2	SP-2	TORX	Left	-1.90	35.74	0.00	0.006	-0.011	1226.416
			Right	-5.27	35.73	0.00	0.082	0.114	-1065.178
L2	SP-2	TORY	Left	-2.04	43.92	0.00	0.009	-0.020	1629.474
			Right	-6.26	43.90	0.00	0.105	0.174	-1308.427
L2	SP-2	DX MAX	Left	31.45	211.20	0.07	1.239	4.672	7899.132
			Right	42.72	211.15	0.03	2.194	4.776	6293.068
L2	SP-2	DX MIN	Left	-31.45	-211.20	-0.07	-1.239	-4.672	-7899.132
			Right	-42.72	-211.15	-0.03	-2.194	-4.776	-6293.068
L2	SP-2	DY MAX	Left	64.81	851.15	0.03	0.548	4.186	24067.018
			Right	96.89	650.90	0.03	1.691	2.950	19440.514
L2	SP-2	DY MIN	Left	-64.81	-851.15	-0.03	-0.548	-4.186	-24067.018
			Right	-96.89	-650.90	-0.03	-1.691	-2.950	-19440.514
L2	SP-3	DEAD	Left	-3.60	-1.32	0.00	-0.007	-0.037	80.395
			Right	-7.10	11.97	0.00	-0.013	-0.058	-233.503
L2	SP-3	TORX	Left	-0.43	21.95	0.00	-0.081	-0.233	673.203
			Right	-3.48	21.97	-0.01	-0.003	-0.108	-787.339
L2	SP-3	TORY	Left	-0.23	26.97	0.00	-0.105	-0.350	826.928
			Right	-4.07	26.99	-0.01	-0.002	-0.154	966.693
L2	SP-3	DX MAX	Left	15.99	111.73	0.09	1.137	1.877	3350.536
			Right	29.07	111.89	0.06	1.141	4.115	4058.619
L2	SP-3	DX MIN	Left	-15.99	-111.73	-0.09	-1.137	-1.877	-3350.536
			Right	-29.07	-111.89	-0.06	-1.141	-4.115	-4058.619
L2	SP-3	DY MAX	Left	67.82	415.30	0.07	0.804	1.121	12795.127
			Right	74.98	415.61	0.07	0.921	4.036	14855.296
L2	SP-3	DY MIN	Left	-67.82	-415.30	-0.07	-0.804	-1.121	-12795.127
			Right	-74.98	-415.61	-0.07	-0.921	-4.036	-14855.296

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	SP-4	DEAD	Left	-8.88	-9.38	0.00	0.014	0.040	-34.311
			Right	-4.91	3.73	0.00	-0.017	-0.036	118.043
L2	SP-4	TORX	Left	-0.75	17.56	0.00	-0.027	0.002	563.881
			Right	-2.56	17.56	0.00	-0.014	0.185	-609.800
L2	SP-4	TORY	Left	-0.51	21.66	0.00	-0.041	0.010	694.435
			Right	-2.90	21.66	-0.01	-0.025	0.294	-751.917
L2	SP-4	DX MAX	Left	15.10	73.45	0.10	0.752	1.768	2371.558
			Right	19.08	73.48	0.01	0.870	4.811	2523.803
L2	SP-4	DX MIN	Left	-15.10	-73.45	-0.10	-0.752	-1.768	-2371.558
			Right	-19.08	-73.48	-0.01	-0.870	-4.811	-2523.803
L2	SP-4	DY MAX	Left	85.70	340.64	0.04	0.811	2.684	10894.278
			Right	66.73	340.72	0.04	0.838	2.328	11834.959
L2	SP-4	DY MIN	Left	-85.70	-340.64	-0.04	-0.811	-2.684	-10894.278
			Right	-66.73	-340.72	-0.04	-0.838	-2.328	-11834.959
L2	SP-5	DEAD	Left	-1.65	-14.55	0.00	0.025	-0.055	-291.052
			Right	-3.27	-1.40	0.00	-0.011	0.036	266.287
L2	SP-5	TORX	Left	3.11	19.75	0.00	-0.035	-0.362	713.788
			Right	-0.53	19.72	-0.01	-0.018	-0.076	-589.769
L2	SP-5	TORY	Left	3.60	24.39	0.00	-0.057	-0.546	881.305
			Right	-1.10	24.36	-0.01	-0.032	-0.119	-726.502
L2	SP-5	DX MAX	Left	38.31	39.53	0.08	1.406	4.386	1430.673
			Right	48.35	39.51	0.12	0.651	1.712	1111.155
L2	SP-5	DX MIN	Left	-38.31	-39.53	-0.08	-1.406	-4.386	-1430.673
			Right	-48.35	-39.51	-0.12	-0.651	-1.712	-1111.155
L2	SP-5	DY MAX	Left	72.04	383.64	0.11	1.401	3.704	13868.157
			Right	77.89	383.28	0.09	1.405	4.574	11444.286
L2	SP-5	DY MIN	Left	-72.04	-383.64	-0.11	-1.401	-3.704	-13868.157
			Right	-77.89	-383.28	-0.09	-1.405	-4.574	-11444.286

S P A N D R E L F O R C E S

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	SP-6	DEAD	Left	-18.07	-22.30	0.00	0.090	-0.075	-683.314
			Right	-13.67	-9.10	0.00	0.039	-0.091	339.055
L2	SP-6	TORX	Left	9.91	26.29	0.00	-0.040	0.057	945.639
			Right	4.12	26.25	0.00	-0.094	0.254	-780.034
L2	SP-6	TORY	Left	11.98	32.36	0.00	-0.055	0.098	1163.078
			Right	4.70	32.32	-0.01	-0.128	0.395	-960.399
L2	SP-6	DX MAX	Left	56.98	47.28	0.07	0.750	2.884	1753.493
			Right	57.74	47.19	0.07	0.822	2.937	1357.031
L2	SP-6	DX MIN	Left	-56.98	-47.28	-0.07	-0.750	-2.884	-1753.493
			Right	-57.74	-47.19	-0.07	-0.822	-2.937	-1357.031
L2	SP-6	DY MAX	Left	186.11	504.50	0.11	0.411	4.004	18096.220
			Right	168.41	504.03	0.05	0.850	1.217	15068.747
L2	SP-6	DY MIN	Left	-186.11	-504.50	-0.11	-0.411	-4.004	-18096.220
			Right	-168.41	-504.03	-0.05	-0.850	-1.217	-15068.747
L2	SP-7	DEAD	Left	-6.69	-18.54	0.00	0.059	0.007	-485.106
			Right	-13.36	-5.41	0.00	0.004	0.035	391.843
L2	SP-7	TORX	Left	10.42	32.40	0.00	-0.038	-0.357	896.634
			Right	5.33	32.42	0.00	-0.067	-0.117	-1252.804
L2	SP-7	TORY	Left	12.60	39.84	0.00	-0.051	-0.372	1101.716
			Right	6.20	39.86	-0.01	-0.087	-0.154	-1539.774
L2	SP-7	DX MAX	Left	56.54	63.00	0.06	1.288	3.598	1929.376
			Right	66.23	63.01	0.06	1.000	3.144	2353.706
L2	SP-7	DX MIN	Left	-56.54	-63.00	-0.06	-1.288	-3.598	-1929.376
			Right	-66.23	-63.01	-0.06	-1.000	-3.144	-2353.706
L2	SP-7	DY MAX	Left	137.81	616.07	0.09	2.187	4.369	16928.746
			Right	168.26	616.42	0.05	0.471	5.540	23867.685
L2	SP-7	DY MIN	Left	-137.81	-616.07	-0.09	-2.187	-4.369	-16928.746
			Right	-168.26	-616.42	-0.05	-0.471	-5.540	-23867.685

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	SP-8	DEAD							
			Left	25.85	-39.61	0.00	0.223	-0.023	-751.125
			Right	-1.73	-22.67	0.00	-0.034	-0.084	928.670
L2	SP-8	TORX							
			Left	-2.89	13.79	0.00	0.021	-0.071	417.664
			Right	15.08	13.82	0.00	-0.103	-0.051	-440.495
L2	SP-8	TORY							
			Left	-3.56	16.92	0.00	0.028	-0.090	512.528
			Right	18.46	16.96	0.00	-0.127	-0.066	-540.316
L2	SP-8	DX MAX							
			Left	71.59	112.42	0.02	0.659	2.221	3198.813
			Right	84.01	112.88	0.03	1.540	2.010	3891.082
L2	SP-8	DX MIN							
			Left	-71.59	-112.42	-0.02	-0.659	-2.221	-3198.813
			Right	-84.01	-112.88	-0.03	-1.540	-2.010	-3891.082
L2	SP-8	DY MAX							
			Left	24.00	213.88	0.01	0.780	2.160	6552.265
			Right	277.31	213.28	0.03	1.358	2.860	6618.623
L2	SP-8	DY MIN							
			Left	-24.00	-213.88	-0.01	-0.780	-2.160	-6552.265
			Right	-277.31	-213.28	-0.03	-1.358	-2.860	-6618.623
L2	SA-4.1	DEAD							
			Left	-16.94	41.46	0.00	-0.003	-0.037	1594.740
			Right	-12.32	54.60	0.00	0.033	0.003	-1710.516
L2	SA-4.1	TORX							
			Left	9.67	-30.08	0.00	-0.116	-0.442	-1015.359
			Right	7.34	-30.09	-0.01	-0.068	-0.228	1049.813
L2	SA-4.1	TORY							
			Left	11.78	-36.81	0.00	-0.161	-0.682	-1241.969
			Right	9.04	-36.83	-0.01	-0.086	-0.347	1283.804
L2	SA-4.1	DX MAX							
			Left	61.76	187.79	0.18	2.637	0.973	6275.058
			Right	54.69	187.85	0.02	2.617	6.535	6553.115
L2	SA-4.1	DX MIN							
			Left	-61.76	-187.79	-0.18	-2.637	-0.973	-6275.058
			Right	-54.69	-187.85	-0.02	-2.617	-6.535	-6553.115
L2	SA-4.1	DY MAX							
			Left	240.74	725.01	0.15	2.336	2.450	24496.934
			Right	185.97	725.21	0.05	2.345	5.379	25274.697
L2	SA-4.1	DY MIN							
			Left	-240.74	-725.01	-0.15	-2.336	-2.450	-24496.934
			Right	-185.97	-725.21	-0.05	-2.345	-5.379	-25274.697

SPANDREL FORCES

STORY	SPANDREL	LOAD	LOC	P	V2	V3	T	M2	M3
L2	SA-4.2	DEAD							
			Left	-27.06	45.40	0.00	-0.069	0.004	376.965
			Right	-27.06	54.67	0.00	-0.069	0.010	-1524.303
L2	SA-4.2	TORX							
			Left	19.03	-29.61	0.00	-0.130	0.405	-301.037
			Right	19.03	-29.61	0.00	-0.130	0.533	764.860
L2	SA-4.2	TORY							
			Left	23.27	-36.37	-0.01	-0.186	0.603	-371.937
			Right	23.27	-36.37	-0.01	-0.186	0.798	937.535
L2	SA-4.2	DX MAX							
			Left	103.77	181.38	0.13	3.528	9.677	1860.107
			Right	103.77	181.38	0.13	3.528	4.611	4750.850
L2	SA-4.2	DX MIN							
			Left	-103.77	-181.38	-0.13	-3.528	-9.677	-1860.107
			Right	-103.77	-181.38	-0.13	-3.528	-4.611	-4750.850
L2	SA-4.2	DY MAX							
			Left	480.34	725.04	0.08	3.401	2.999	8105.648
			Right	480.34	725.04	0.08	3.401	4.074	18035.999
L2	SA-4.2	DY MIN							
			Left	-480.34	-725.04	-0.08	-3.401	-2.999	-8105.648
			Right	-480.34	-725.04	-0.08	-3.401	-4.074	-18035.999

F.3: Reaction File

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
DX	ADD	SPECX	Spectra	0.5367
DY	ADD	SPECY	Spectra	0.5283

SUPPORT REACTIONS

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	23	DEAD	101.80	102.48	654.09	0.000	0.000	0.000
BASE	23	TORX	-11.60	3.42	-14.09	0.000	0.000	0.000
BASE	23	TORY	-14.54	4.25	-17.65	0.000	0.000	0.000
BASE	23	SOIL	-18.22	-7.77	-8.08	0.000	0.000	0.000
BASE	23	SOILX1	-32.90	-21.39	-43.00	0.000	0.000	0.000
BASE	23	SOILX2	1.52	0.73	2.03	0.000	0.000	0.000
BASE	23	SOILY1	-9.64	-16.37	-16.09	0.000	0.000	0.000
BASE	23	SOILY2	25.49	30.52	56.77	0.000	0.000	0.000
BASE	23	DX Max	444.03	150.15	1816.92	0.000	0.000	0.000
BASE	23	DX Min	-444.03	-150.15	-1816.92	0.000	0.000	0.000
BASE	23	DY Max	277.75	355.65	1912.87	0.000	0.000	0.000
BASE	23	DY Min	-277.75	-355.65	-1912.87	0.000	0.000	0.000
BASE	27	DEAD	-36.21	-0.01	592.40	0.000	0.000	0.000
BASE	27	TORX	-24.47	0.00	55.29	0.000	0.000	0.000
BASE	27	TORY	-30.54	0.00	67.37	0.000	0.000	0.000
BASE	27	SOIL	-34.71	0.07	9.53	0.000	0.000	0.000
BASE	27	SOILX1	-59.18	0.07	-0.85	0.000	0.000	0.000
BASE	27	SOILX2	2.89	0.01	-0.07	0.000	0.000	0.000
BASE	27	SOILY1	-16.92	-0.17	1.08	0.000	0.000	0.000
BASE	27	SOILY2	41.82	0.03	12.95	0.000	0.000	0.000
BASE	27	DX Max	413.30	0.08	271.38	0.000	0.000	0.000
BASE	27	DX Min	-413.30	-0.08	-271.38	0.000	0.000	0.000
BASE	27	DY Max	186.50	0.14	1308.31	0.000	0.000	0.000
BASE	27	DY Min	-186.50	-0.14	-1308.31	0.000	0.000	0.000
BASE	32	DEAD	-63.06	0.00	433.68	0.000	0.000	0.000
BASE	32	TORX	-32.36	0.00	74.75	0.000	0.000	0.000
BASE	32	TORY	-40.16	0.00	91.18	0.000	0.000	0.000
BASE	32	SOIL	-22.63	0.19	1.44	0.000	0.000	0.000
BASE	32	SOILX1	-52.84	0.09	-4.11	0.000	0.000	0.000
BASE	32	SOILX2	2.86	0.01	-0.02	0.000	0.000	0.000
BASE	32	SOILY1	-11.01	-0.18	-0.40	0.000	0.000	0.000
BASE	32	SOILY2	44.57	0.04	9.08	0.000	0.000	0.000
BASE	32	DX Max	579.04	0.13	1292.57	0.000	0.000	0.000
BASE	32	DX Min	-579.04	-0.13	-1292.57	0.000	0.000	0.000
BASE	32	DY Max	110.85	0.12	682.02	0.000	0.000	0.000
BASE	32	DY Min	-110.85	-0.12	-682.02	0.000	0.000	0.000
BASE	36	DEAD	-4.96	0.00	327.03	0.000	0.000	0.000
BASE	36	TORX	-12.70	0.00	76.47	0.000	0.000	0.000
BASE	36	TORY	-15.97	0.00	93.30	0.000	0.000	0.000
BASE	36	SOIL	-19.08	0.12	0.96	0.000	0.000	0.000
BASE	36	SOILX1	-44.54	0.05	0.85	0.000	0.000	0.000
BASE	36	SOILX2	2.79	0.01	-0.14	0.000	0.000	0.000
BASE	36	SOILY1	-7.07	-0.16	1.12	0.000	0.000	0.000
BASE	36	SOILY2	37.90	0.03	1.63	0.000	0.000	0.000
BASE	36	DX Max	250.26	0.13	1665.61	0.000	0.000	0.000
BASE	36	DX Min	-250.26	-0.13	-1665.61	0.000	0.000	0.000
BASE	36	DY Max	64.41	0.12	392.83	0.000	0.000	0.000
BASE	36	DY Min	-64.41	-0.12	-392.83	0.000	0.000	0.000
BASE	40	DEAD	-35.42	0.00	308.17	0.000	0.000	0.000
BASE	40	TORX	-14.56	0.00	98.03	0.000	0.000	0.000
BASE	40	TORY	-17.99	0.00	120.13	0.000	0.000	0.000
BASE	40	SOIL	-29.33	0.21	2.28	0.000	0.000	0.000
BASE	40	SOILX1	-41.72	0.09	25.54	0.000	0.000	0.000
BASE	40	SOILX2	4.12	0.01	-0.75	0.000	0.000	0.000
BASE	40	SOILY1	-7.00	-0.18	1.16	0.000	0.000	0.000
BASE	40	SOILY2	28.86	0.04	-26.23	0.000	0.000	0.000
BASE	40	DX Max	304.70	0.15	2249.73	0.000	0.000	0.000
BASE	40	DX Min	-304.70	-0.15	-2249.73	0.000	0.000	0.000
BASE	40	DY Max	42.73	0.13	309.00	0.000	0.000	0.000
BASE	40	DY Min	-42.73	-0.13	-309.00	0.000	0.000	0.000
BASE	46	DEAD	-22.37	0.00	13.84	0.000	0.000	0.000
BASE	46	TORX	-10.37	0.00	5.79	0.000	0.000	0.000
BASE	46	TORY	-12.80	0.00	7.14	0.000	0.000	0.000
BASE	46	SOIL	-38.20	0.10	-2.84	0.000	0.000	0.000
BASE	46	SOILX1	-41.31	0.05	3.18	0.000	0.000	0.000
BASE	46	SOILX2	6.27	0.01	0.78	0.000	0.000	0.000
BASE	46	SOILY1	-4.29	-0.06	1.11	0.000	0.000	0.000
BASE	46	SOILY2	22.10	0.03	-5.75	0.000	0.000	0.000
BASE	46	DX Max	234.72	0.02	130.83	0.000	0.000	0.000
BASE	46	DX Min	-234.72	-0.02	-130.83	0.000	0.000	0.000
BASE	46	DY Max	29.41	0.01	16.15	0.000	0.000	0.000
BASE	46	DY Min	-29.41	-0.01	-16.15	0.000	0.000	0.000
BASE	52	DEAD	2.25	0.00	-1.30	0.000	0.000	0.000

SUPPORT REACTIONS

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	52	TORX	0.27	0.00	-0.32	0.000	0.000	0.000
BASE	52	TORY	0.31	0.00	-0.39	0.000	0.000	0.000
BASE	52	SOIL	-47.74	0.07	-1.79	0.000	0.000	0.000
BASE	52	SOILX1	-32.26	0.03	2.34	0.000	0.000	0.000
BASE	52	SOILX2	8.79	0.01	0.85	0.000	0.000	0.000
BASE	52	SOILY1	-2.57	-0.05	1.08	0.000	0.000	0.000
BASE	52	SOILY2	6.14	0.03	-4.05	0.000	0.000	0.000
BASE	52	DX Max	10.92	0.01	7.89	0.000	0.000	0.000
BASE	52	DX Min	-10.92	-0.01	-7.89	0.000	0.000	0.000
BASE	52	DY Max	1.63	0.02	1.53	0.000	0.000	0.000
BASE	52	DY Min	-1.63	-0.02	-1.53	0.000	0.000	0.000
BASE	58	DEAD	-2.27	0.00	-1.22	0.000	0.000	0.000
BASE	58	TORX	0.32	0.00	0.35	0.000	0.000	0.000
BASE	58	TORY	0.38	0.00	0.43	0.000	0.000	0.000
BASE	58	SOIL	-50.87	0.05	-1.69	0.000	0.000	0.000
BASE	58	SOILX1	-25.27	0.02	2.22	0.000	0.000	0.000
BASE	58	SOILX2	11.68	0.01	1.03	0.000	0.000	0.000
BASE	58	SOILY1	2.48	-0.05	1.08	0.000	0.000	0.000
BASE	58	SOILY2	-6.36	0.03	-4.08	0.000	0.000	0.000
BASE	58	DX Max	10.65	0.01	7.94	0.000	0.000	0.000
BASE	58	DX Min	-10.65	-0.01	-7.94	0.000	0.000	0.000
BASE	58	DY Max	7.00	0.02	2.64	0.000	0.000	0.000
BASE	58	DY Min	-7.00	-0.02	-2.64	0.000	0.000	0.000
BASE	64	DEAD	19.73	0.00	12.40	0.000	0.000	0.000
BASE	64	TORX	-10.45	0.00	-5.88	0.000	0.000	0.000
BASE	64	TORY	-12.90	0.00	-7.25	0.000	0.000	0.000
BASE	64	SOIL	-54.02	0.04	0.79	0.000	0.000	0.000
BASE	64	SOILX1	-19.98	0.02	1.41	0.000	0.000	0.000
BASE	64	SOILX2	14.12	0.02	0.63	0.000	0.000	0.000
BASE	64	SOILY1	4.17	-0.06	1.09	0.000	0.000	0.000
BASE	64	SOILY2	-18.71	0.03	-3.84	0.000	0.000	0.000
BASE	64	DX Max	233.27	0.02	130.19	0.000	0.000	0.000
BASE	64	DX Min	-233.27	-0.02	-130.19	0.000	0.000	0.000
BASE	64	DY Max	63.95	0.01	38.61	0.000	0.000	0.000
BASE	64	DY Min	-63.95	-0.01	-38.61	0.000	0.000	0.000
BASE	70	DEAD	32.59	0.00	285.78	0.000	0.000	0.000
BASE	70	TORX	-14.91	0.01	-100.07	0.000	0.000	0.000
BASE	70	TORY	-18.43	0.02	-122.65	0.000	0.000	0.000
BASE	70	SOIL	-46.40	0.05	-9.29	0.000	0.000	0.000
BASE	70	SOILX1	-14.76	0.04	-10.35	0.000	0.000	0.000
BASE	70	SOILX2	14.75	0.06	3.36	0.000	0.000	0.000
BASE	70	SOILY1	6.87	-0.18	0.95	0.000	0.000	0.000
BASE	70	SOILY2	-23.56	0.04	-8.05	0.000	0.000	0.000
BASE	70	DX Max	303.92	0.14	2239.08	0.000	0.000	0.000
BASE	70	DX Min	-303.92	-0.14	-2239.08	0.000	0.000	0.000
BASE	70	DY Max	110.65	0.25	703.42	0.000	0.000	0.000
BASE	70	DY Min	-110.65	-0.25	-703.42	0.000	0.000	0.000
BASE	74	DEAD	1.86	0.00	312.50	0.000	0.000	0.000
BASE	74	TORX	-13.04	0.01	-78.65	0.000	0.000	0.000
BASE	74	TORY	-16.40	0.01	-95.97	0.000	0.000	0.000
BASE	74	SOIL	-38.75	0.02	3.09	0.000	0.000	0.000
BASE	74	SOILX1	-12.96	0.03	-3.54	0.000	0.000	0.000
BASE	74	SOILX2	14.40	0.05	0.76	0.000	0.000	0.000
BASE	74	SOILY1	6.92	-0.16	1.04	0.000	0.000	0.000
BASE	74	SOILY2	-27.36	0.03	7.64	0.000	0.000	0.000
BASE	74	DX Max	243.41	0.11	1645.51	0.000	0.000	0.000
BASE	74	DX Min	-243.41	-0.11	-1645.51	0.000	0.000	0.000
BASE	74	DY Max	121.36	0.24	674.14	0.000	0.000	0.000
BASE	74	DY Min	-121.36	-0.24	-674.14	0.000	0.000	0.000
BASE	78	DEAD	58.03	0.00	428.16	0.000	0.000	0.000
BASE	78	TORX	-35.08	0.01	-80.15	0.000	0.000	0.000
BASE	78	TORY	-43.52	0.02	-97.80	0.000	0.000	0.000
BASE	78	SOIL	-35.12	0.03	9.02	0.000	0.000	0.000
BASE	78	SOILX1	-16.36	0.03	-2.88	0.000	0.000	0.000
BASE	78	SOILX2	17.85	0.07	-1.17	0.000	0.000	0.000
BASE	78	SOILY1	10.78	-0.18	-0.49	0.000	0.000	0.000
BASE	78	SOILY2	-27.97	0.03	14.69	0.000	0.000	0.000
BASE	78	DX Max	573.86	0.12	1267.34	0.000	0.000	0.000
BASE	78	DX Min	-573.86	-0.12	-1267.34	0.000	0.000	0.000
BASE	78	DY Max	376.67	0.28	970.64	0.000	0.000	0.000
BASE	78	DY Min	-376.67	-0.28	-970.64	0.000	0.000	0.000
BASE	83	DEAD	36.90	-0.01	608.20	0.000	0.000	0.000
BASE	83	TORX	-33.72	0.01	-70.86	0.000	0.000	0.000

SUPPORT REACTIONS

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	83	TORY	-41.90	0.02	-86.49	0.000	0.000	0.000
BASE	83	SOIL	-24.53	-0.01	11.53	0.000	0.000	0.000
BASE	83	SOILX1	-16.24	0.02	-0.75	0.000	0.000	0.000
BASE	83	SOILX2	26.35	0.07	1.90	0.000	0.000	0.000
BASE	83	SOILY1	16.64	-0.17	0.98	0.000	0.000	0.000
BASE	83	SOILY2	-23.52	0.03	18.02	0.000	0.000	0.000
BASE	83	DX Max	405.93	0.07	248.67	0.000	0.000	0.000
BASE	83	DX Min	-405.93	-0.07	-248.67	0.000	0.000	0.000
BASE	83	DY Max	538.95	0.28	1512.59	0.000	0.000	0.000
BASE	83	DY Min	-538.95	-0.28	-1512.59	0.000	0.000	0.000
BASE	87	DEAD	-110.11	115.67	706.73	0.000	0.000	0.000
BASE	87	TORX	-11.43	-18.84	-18.89	0.000	0.000	0.000
BASE	87	TORY	-14.34	-23.27	-22.95	0.000	0.000	0.000
BASE	87	SOIL	-11.93	19.72	33.49	0.000	0.000	0.000
BASE	87	SOILX1	-9.24	1.69	13.66	0.000	0.000	0.000
BASE	87	SOILX2	15.27	-8.87	-14.78	0.000	0.000	0.000
BASE	87	SOILY1	9.50	-16.74	-16.24	0.000	0.000	0.000
BASE	87	SOILY2	-16.27	42.32	57.83	0.000	0.000	0.000
BASE	87	DX Max	447.72	157.02	1854.59	0.000	0.000	0.000
BASE	87	DX Min	-447.72	-157.02	-1854.59	0.000	0.000	0.000
BASE	87	DY Max	112.86	532.90	1804.02	0.000	0.000	0.000
BASE	87	DY Min	-112.86	-532.90	-1804.02	0.000	0.000	0.000
BASE	102	DEAD	-0.01	-33.29	563.58	0.000	0.000	0.000
BASE	102	TORX	0.01	14.33	-52.31	0.000	0.000	0.000
BASE	102	TORY	0.01	17.72	-63.88	0.000	0.000	0.000
BASE	102	SOIL	-0.23	-11.90	1.79	0.000	0.000	0.000
BASE	102	SOILX1	-0.20	-37.49	-5.98	0.000	0.000	0.000
BASE	102	SOILX2	0.00	1.09	0.46	0.000	0.000	0.000
BASE	102	SOILY1	0.07	-28.39	1.94	0.000	0.000	0.000
BASE	102	SOILY2	0.04	53.04	5.96	0.000	0.000	0.000
BASE	102	DX Max	0.24	459.04	1496.14	0.000	0.000	0.000
BASE	102	DX Min	-0.24	-459.04	-1496.14	0.000	0.000	0.000
BASE	102	DY Max	0.12	302.61	219.71	0.000	0.000	0.000
BASE	102	DY Min	-0.12	-302.61	-219.71	0.000	0.000	0.000
BASE	120	DEAD	0.01	-45.85	601.17	0.000	0.000	0.000
BASE	120	TORX	0.01	-34.59	70.78	0.000	0.000	0.000
BASE	120	TORY	0.01	-42.69	86.51	0.000	0.000	0.000
BASE	120	SOIL	0.00	39.36	3.11	0.000	0.000	0.000
BASE	120	SOILX1	0.01	0.45	4.94	0.000	0.000	0.000
BASE	120	SOILX2	0.16	-15.14	1.46	0.000	0.000	0.000
BASE	120	SOILY1	-0.07	-28.54	2.60	0.000	0.000	0.000
BASE	120	SOILY2	-0.05	70.96	-11.16	0.000	0.000	0.000
BASE	120	DX Max	0.22	474.75	1582.02	0.000	0.000	0.000
BASE	120	DX Min	-0.22	-474.75	-1582.02	0.000	0.000	0.000
BASE	120	DY Max	0.10	516.70	483.04	0.000	0.000	0.000
BASE	120	DY Min	-0.10	-516.70	-483.04	0.000	0.000	0.000
BASE	141	DEAD	0.00	-56.86	389.44	0.000	0.000	0.000
BASE	141	TORX	0.01	18.95	-58.88	0.000	0.000	0.000
BASE	141	TORY	0.01	23.29	-71.76	0.000	0.000	0.000
BASE	141	SOIL	-0.28	-3.22	-5.39	0.000	0.000	0.000
BASE	141	SOILX1	-0.21	-34.18	-6.23	0.000	0.000	0.000
BASE	141	SOILX2	0.00	0.97	0.29	0.000	0.000	0.000
BASE	141	SOILY1	0.07	-19.38	-1.12	0.000	0.000	0.000
BASE	141	SOILY2	0.05	52.00	1.50	0.000	0.000	0.000
BASE	141	DX Max	0.26	323.04	899.85	0.000	0.000	0.000
BASE	141	DX Min	-0.26	-323.04	-899.85	0.000	0.000	0.000
BASE	141	DY Max	0.14	412.55	745.99	0.000	0.000	0.000
BASE	141	DY Min	-0.14	-412.55	-745.99	0.000	0.000	0.000
BASE	159	DEAD	0.00	-33.61	402.21	0.000	0.000	0.000
BASE	159	TORX	0.01	-35.43	83.48	0.000	0.000	0.000
BASE	159	TORY	0.02	-43.68	101.86	0.000	0.000	0.000
BASE	159	SOIL	-0.04	49.96	6.93	0.000	0.000	0.000
BASE	159	SOILX1	0.01	0.96	1.73	0.000	0.000	0.000
BASE	159	SOILX2	0.15	-9.48	-0.17	0.000	0.000	0.000
BASE	159	SOILY1	-0.07	-19.84	-1.57	0.000	0.000	0.000
BASE	159	SOILY2	-0.05	69.76	-3.23	0.000	0.000	0.000
BASE	159	DX Max	0.20	282.39	905.46	0.000	0.000	0.000
BASE	159	DX Min	-0.20	-282.39	-905.46	0.000	0.000	0.000
BASE	159	DY Max	0.13	616.06	1303.32	0.000	0.000	0.000
BASE	159	DY Min	-0.13	-616.06	-1303.32	0.000	0.000	0.000
BASE	170	DEAD	0.00	-11.78	262.09	0.000	0.000	0.000
BASE	170	TORX	0.00	11.21	-49.28	0.000	0.000	0.000
BASE	170	TORY	0.01	13.85	-60.02	0.000	0.000	0.000

S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	170	SOIL	-0.35	1.96	2.50	0.000	0.000	0.000
BASE	170	SOILX1	-0.20	-27.80	-0.39	0.000	0.000	0.000
BASE	170	SOILX2	0.00	0.77	-0.05	0.000	0.000	0.000
BASE	170	SOILY1	0.05	-14.94	1.26	0.000	0.000	0.000
BASE	170	SOILY2	0.05	45.34	0.95	0.000	0.000	0.000
BASE	170	DX Max	0.24	130.58	517.58	0.000	0.000	0.000
BASE	170	DX Min	-0.24	-130.58	-517.58	0.000	0.000	0.000
BASE	170	DY Max	0.16	309.81	849.05	0.000	0.000	0.000
BASE	170	DY Min	-0.16	-309.81	-849.05	0.000	0.000	0.000
BASE	209	DEAD	0.00	-20.78	292.36	0.000	0.000	0.000
BASE	209	TORX	0.01	-19.43	85.71	0.000	0.000	0.000
BASE	209	TORY	0.01	-24.01	104.65	0.000	0.000	0.000
BASE	209	SOIL	-0.03	56.30	1.66	0.000	0.000	0.000
BASE	209	SOILX1	0.01	1.03	0.93	0.000	0.000	0.000
BASE	209	SOILX2	0.13	-5.24	1.42	0.000	0.000	0.000
BASE	209	SOILY1	-0.05	-16.65	0.78	0.000	0.000	0.000
BASE	209	SOILY2	-0.05	56.18	-10.94	0.000	0.000	0.000
BASE	209	DX Max	0.18	123.78	615.60	0.000	0.000	0.000
BASE	209	DX Min	-0.18	-123.78	-615.60	0.000	0.000	0.000
BASE	209	DY Max	0.09	355.37	1587.12	0.000	0.000	0.000
BASE	209	DY Min	-0.09	-355.37	-1587.12	0.000	0.000	0.000
BASE	230	DEAD	0.00	-31.40	208.00	0.000	0.000	0.000
BASE	230	TORX	0.01	15.66	-43.72	0.000	0.000	0.000
BASE	230	TORY	0.01	19.33	-53.19	0.000	0.000	0.000
BASE	230	SOIL	-0.67	9.77	9.26	0.000	0.000	0.000
BASE	230	SOILX1	-0.33	-26.45	0.53	0.000	0.000	0.000
BASE	230	SOILX2	0.00	0.54	-0.10	0.000	0.000	0.000
BASE	230	SOILY1	0.06	-13.03	0.68	0.000	0.000	0.000
BASE	230	SOILY2	0.06	50.39	7.74	0.000	0.000	0.000
BASE	230	DX Max	0.29	134.86	359.64	0.000	0.000	0.000
BASE	230	DX Min	-0.29	-134.86	-359.64	0.000	0.000	0.000
BASE	230	DY Max	0.20	379.47	850.81	0.000	0.000	0.000
BASE	230	DY Min	-0.20	-379.47	-850.81	0.000	0.000	0.000
BASE	250	DEAD	0.00	-10.17	261.13	0.000	0.000	0.000
BASE	250	TORX	0.01	-9.16	107.21	0.000	0.000	0.000
BASE	250	TORY	0.01	-11.30	131.12	0.000	0.000	0.000
BASE	250	SOIL	-0.07	74.87	-13.62	0.000	0.000	0.000
BASE	250	SOILX1	0.01	1.69	2.05	0.000	0.000	0.000
BASE	250	SOILX2	0.14	-4.21	1.23	0.000	0.000	0.000
BASE	250	SOILY1	-0.06	-17.55	3.82	0.000	0.000	0.000
BASE	250	SOILY2	-0.07	51.79	-36.37	0.000	0.000	0.000
BASE	250	DX Max	0.18	49.44	583.89	0.000	0.000	0.000
BASE	250	DX Min	-0.18	-49.44	-583.89	0.000	0.000	0.000
BASE	250	DY Max	0.12	176.19	2108.95	0.000	0.000	0.000
BASE	250	DY Min	-0.12	-176.19	-2108.95	0.000	0.000	0.000
BASE	265	DEAD	0.00	-41.90	141.73	0.000	0.000	0.000
BASE	265	TORX	0.00	18.58	-31.98	0.000	0.000	0.000
BASE	265	TORY	0.01	22.96	-38.82	0.000	0.000	0.000
BASE	265	SOIL	-0.46	32.45	15.11	0.000	0.000	0.000
BASE	265	SOILX1	-0.22	-20.43	1.78	0.000	0.000	0.000
BASE	265	SOILX2	-0.01	0.30	-0.14	0.000	0.000	0.000
BASE	265	SOILY1	0.06	-12.52	0.35	0.000	0.000	0.000
BASE	265	SOILY2	0.06	61.03	15.12	0.000	0.000	0.000
BASE	265	DX Max	0.33	140.19	217.45	0.000	0.000	0.000
BASE	265	DX Min	-0.33	-140.19	-217.45	0.000	0.000	0.000
BASE	265	DY Max	0.24	450.03	679.17	0.000	0.000	0.000
BASE	265	DY Min	-0.24	-450.03	-679.17	0.000	0.000	0.000
BASE	302	DEAD	0.00	-35.57	121.87	0.000	0.000	0.000
BASE	302	TORX	0.01	20.77	-36.43	0.000	0.000	0.000
BASE	302	TORY	0.01	25.73	-44.40	0.000	0.000	0.000
BASE	302	SOIL	-1.48	67.66	2.99	0.000	0.000	0.000
BASE	302	SOILX1	-0.68	-11.71	12.15	0.000	0.000	0.000
BASE	302	SOILX2	-0.01	0.02	-0.10	0.000	0.000	0.000
BASE	302	SOILY1	0.08	-13.74	2.81	0.000	0.000	0.000
BASE	302	SOILY2	0.12	81.92	-4.35	0.000	0.000	0.000
BASE	302	DX Max	0.40	133.37	217.91	0.000	0.000	0.000
BASE	302	DX Min	-0.40	-133.37	-217.91	0.000	0.000	0.000
BASE	302	DY Max	0.35	531.58	863.27	0.000	0.000	0.000
BASE	302	DY Min	-0.35	-531.58	-863.27	0.000	0.000	0.000
BASE	320	DEAD	0.00	-24.28	12.19	0.000	0.000	0.000
BASE	320	TORX	0.00	-12.23	7.72	0.000	0.000	0.000
BASE	320	TORY	0.00	-15.04	9.47	0.000	0.000	0.000
BASE	320	SOIL	-0.06	105.11	9.26	0.000	0.000	0.000

S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	320	SOILX1	0.01	0.20	-0.22	0.000	0.000	0.000
BASE	320	SOILX2	0.06	-1.42	1.12	0.000	0.000	0.000
BASE	320	SOILY1	-0.03	-17.99	0.22	0.000	0.000	0.000
BASE	320	SOILY2	-0.06	64.40	-0.28	0.000	0.000	0.000
BASE	320	DX Max	0.02	63.17	35.51	0.000	0.000	0.000
BASE	320	DX Min	-0.02	-63.17	-35.51	0.000	0.000	0.000
BASE	320	DY Max	0.01	243.80	150.84	0.000	0.000	0.000
BASE	320	DY Min	-0.01	-243.80	-150.84	0.000	0.000	0.000
BASE	379	DEAD	-0.01	30.10	102:89	0.000	0.000	0.000
BASE	379	TORX	0.01	46.13	13.00	0.000	0.000	0.000
BASE	379	TORY	0.01	56.79	15.77	0.000	0.000	0.000
BASE	379	SOIL	-1.73	136.61	15.35	0.000	0.000	0.000
BASE	379	SOILX1	-0.84	3.26	17.48	0.000	0.000	0.000
BASE	379	SOILX2	-0.01	-0.53	-0.11	0.000	0.000	0.000
BASE	379	SOILY1	0.09	-15.40	0.36	0.000	0.000	0.000
BASE	379	SOILY2	0.17	116.35	1.91	0.000	0.000	0.000
BASE	379	DX Max	0.37	145.75	143.20	0.000	0.000	0.000
BASE	379	DX Min	-0.37	-145.75	-143.20	0.000	0.000	0.000
BASE	379	DY Max	0.42	1162.51	274.39	0.000	0.000	0.000
BASE	379	DY Min	-0.42	-1162.51	-274.39	0.000	0.000	0.000
BASE	398	DEAD	0.00	24.94	13.01	0.000	0.000	0.000
BASE	398	TORX	0.00	-12.69	-7.82	0.000	0.000	0.000
BASE	398	TORY	0.00	-15.64	-9.61	0.000	0.000	0.000
BASE	398	SOIL	-0.10	124.62	4.20	0.000	0.000	0.000
BASE	398	SOILX1	0.01	-1.89	-1.18	0.000	0.000	0.000
BASE	398	SOILX2	0.06	1.60	1.13	0.000	0.000	0.000
BASE	398	SOILY1	-0.02	-15.90	1.23	0.000	0.000	0.000
BASE	398	SOILY2	-0.08	74.43	6.49	0.000	0.000	0.000
BASE	398	DX Max	0.01	33.32	17.81	0.000	0.000	0.000
BASE	398	DX Min	-0.01	-33.32	-17.81	0.000	0.000	0.000
BASE	398	DY Max	0.02	252.14	152.27	0.000	0.000	0.000
BASE	398	DY Min	-0.02	-252.14	-152.27	0.000	0.000	0.000
BASE	454	DEAD	0.00	44.05	254.62	0.000	0.000	0.000
BASE	454	TORX	0.01	23.83	77.04	0.000	0.000	0.000
BASE	454	TORY	0.01	29.48	93.92	0.000	0.000	0.000
BASE	454	SOIL	-1.26	152.64	38.99	0.000	0.000	0.000
BASE	454	SOILX1	-0.63	19.18	12.01	0.000	0.000	0.000
BASE	454	SOILX2	-0.01	-0.81	-0.21	0.000	0.000	0.000
BASE	454	SOILY1	0.06	-11.72	-2.02	0.000	0.000	0.000
BASE	454	SOILY2	0.15	103.95	23.69	0.000	0.000	0.000
BASE	454	DX Max	0.22	81.77	374.99	0.000	0.000	0.000
BASE	454	DX Min	-0.22	-81.77	-374.99	0.000	0.000	0.000
BASE	454	DY Max	0.35	602.13	1667.68	0.000	0.000	0.000
BASE	454	DY Min	-0.35	-602.13	-1667.68	0.000	0.000	0.000
BASE	473	DEAD	0.01	38.51	316.22	0.000	0.000	0.000
BASE	473	TORX	0.00	-18.34	-120.97	0.000	0.000	0.000
BASE	473	TORY	0.00	-22.59	-148.08	0.000	0.000	0.000
BASE	473	SOIL	-0.25	126.69	35.27	0.000	0.000	0.000
BASE	473	SOILX1	0.00	-3.41	-4.13	0.000	0.000	0.000
BASE	473	SOILX2	0.16	4.12	1.01	0.000	0.000	0.000
BASE	473	SOILY1	-0.03	-12.19	-1.93	0.000	0.000	0.000
BASE	473	SOILY2	-0.08	77.27	58.77	0.000	0.000	0.000
BASE	473	DX Max	0.12	57.85	415.88	0.000	0.000	0.000
BASE	473	DX Min	-0.12	-57.85	-415.88	0.000	0.000	0.000
BASE	473	DY Max	0.21	344.96	2379.55	0.000	0.000	0.000
BASE	473	DY Min	-0.21	-344.96	-2379.55	0.000	0.000	0.000
BASE	490	DEAD	0.00	34.18	298.74	0.000	0.000	0.000
BASE	490	TORX	0.01	17.03	73.61	0.000	0.000	0.000
BASE	490	TORY	0.01	21.11	89.68	0.000	0.000	0.000
BASE	490	SOIL	-0.86	163.99	16.34	0.000	0.000	0.000
BASE	490	SOILX1	-0.42	28.97	5.56	0.000	0.000	0.000
BASE	490	SOILX2	0.00	-0.90	0.00	0.000	0.000	0.000
BASE	490	SOILY1	0.03	-9.60	-0.35	0.000	0.000	0.000
BASE	490	SOILY2	0.09	96.57	7.51	0.000	0.000	0.000
BASE	490	DX Max	0.11	89.32	534.73	0.000	0.000	0.000
BASE	490	DX Min	-0.11	-89.32	-534.73	0.000	0.000	0.000
BASE	490	DY Max	0.23	449.03	1432.88	0.000	0.000	0.000
BASE	490	DY Min	-0.23	-449.03	-1432.88	0.000	0.000	0.000
BASE	529	DEAD	0.00	-9.94	316.38	0.000	0.000	0.000
BASE	529	TORX	0.00	-12.65	-82.90	0.000	0.000	0.000
BASE	529	TORY	0.01	-15.87	-101.00	0.000	0.000	0.000
BASE	529	SOIL	-0.20	126.16	8.08	0.000	0.000	0.000
BASE	529	SOILX1	0.00	-5.32	1.34	0.000	0.000	0.000

SUPPORT REACTIONS

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	529	SOILX2	0.14	5.33	1.33	0.000	0.000	0.000
BASE	529	SOILY1	-0.02	-9.28	0.16	0.000	0.000	0.000
BASE	529	SOILY2	-0.05	90.43	1.82	0.000	0.000	0.000
BASE	529	DX Max	0.11	29.93	484.05	0.000	0.000	0.000
BASE	529	DX Min	-0.11	-29.93	-484.05	0.000	0.000	0.000
BASE	529	DY Max	0.19	275.00	1596.25	0.000	0.000	0.000
BASE	529	DY Min	-0.19	-275.00	-1596.25	0.000	0.000	0.000
BASE	538	DEAD	0.00	51.20	395.04	0.000	0.000	0.000
BASE	538	TORX	0.01	19.57	71.61	0.000	0.000	0.000
BASE	538	TORY	0.01	24.18	87.19	0.000	0.000	0.000
BASE	538	SOIL	-0.86	219.66	-15.42	0.000	0.000	0.000
BASE	538	SOILX1	-0.48	45.04	-4.02	0.000	0.000	0.000
BASE	538	SOILX2	0.00	-1.04	0.35	0.000	0.000	0.000
BASE	538	SOILY1	0.03	-9.82	0.95	0.000	0.000	0.000
BASE	538	SOILY2	0.15	112.28	-8.09	0.000	0.000	0.000
BASE	538	DX Max	0.11	218.60	891.65	0.000	0.000	0.000
BASE	538	DX Min	-0.11	-218.60	-891.65	0.000	0.000	0.000
BASE	538	DY Max	0.25	471.18	1079.90	0.000	0.000	0.000
BASE	538	DY Min	-0.25	-471.18	-1079.90	0.000	0.000	0.000
BASE	556	DEAD	0.01	79.13	435.63	0.000	0.000	0.000
BASE	556	TORX	0.00	-35.35	-80.48	0.000	0.000	0.000
BASE	556	TORY	0.00	-43.64	-98.13	0.000	0.000	0.000
BASE	556	SOIL	-0.32	160.47	-1.61	0.000	0.000	0.000
BASE	556	SOILX1	-0.01	-5.86	2.25	0.000	0.000	0.000
BASE	556	SOILX2	0.16	9.50	0.33	0.000	0.000	0.000
BASE	556	SOILY1	-0.02	-9.58	0.71	0.000	0.000	0.000
BASE	556	SOILY2	-0.10	114.35	4.34	0.000	0.000	0.000
BASE	556	DX Max	0.11	203.51	857.59	0.000	0.000	0.000
BASE	556	DX Min	-0.11	-203.51	-857.59	0.000	0.000	0.000
BASE	556	DY Max	0.21	593.83	1278.79	0.000	0.000	0.000
BASE	556	DY Min	-0.21	-593.83	-1278.79	0.000	0.000	0.000
BASE	573	DEAD	-0.01	33.53	495.88	0.000	0.000	0.000
BASE	573	TORX	0.00	12.28	45.93	0.000	0.000	0.000
BASE	573	TORY	0.01	15.30	55.91	0.000	0.000	0.000
BASE	573	SOIL	-0.77	325.61	11.82	0.000	0.000	0.000
BASE	573	SOILX1	-0.45	63.98	-6.72	0.000	0.000	0.000
BASE	573	SOILX2	0.00	-1.10	0.70	0.000	0.000	0.000
BASE	573	SOILY1	0.02	-10.65	0.30	0.000	0.000	0.000
BASE	573	SOILY2	0.16	138.87	-8.67	0.000	0.000	0.000
BASE	573	DX Max	0.05	387.44	1586.39	0.000	0.000	0.000
BASE	573	DX Min	-0.05	-387.44	-1586.39	0.000	0.000	0.000
BASE	573	DY Max	0.15	351.47	222.72	0.000	0.000	0.000
BASE	573	DY Min	-0.15	-351.47	-222.72	0.000	0.000	0.000
BASE	591	DEAD	0.01	-65.93	479.55	0.000	0.000	0.000
BASE	591	TORX	0.01	-9.81	-22.02	0.000	0.000	0.000
BASE	591	TORY	0.01	-12.34	-26.42	0.000	0.000	0.000
BASE	591	SOIL	-0.31	246.63	24.87	0.000	0.000	0.000
BASE	591	SOILX1	0.00	-5.41	4.54	0.000	0.000	0.000
BASE	591	SOILX2	0.15	15.99	2.31	0.000	0.000	0.000
BASE	591	SOILY1	-0.02	-10.14	0.89	0.000	0.000	0.000
BASE	591	SOILY2	-0.13	138.54	-25.06	0.000	0.000	0.000
BASE	591	DX Max	0.08	82.21	1137.35	0.000	0.000	0.000
BASE	591	DX Min	-0.08	-82.21	-1137.35	0.000	0.000	0.000
BASE	591	DY Max	0.16	292.02	345.79	0.000	0.000	0.000
BASE	591	DY Min	-0.16	-292.02	-345.79	0.000	0.000	0.000
BASE	609	DEAD	99.26	-101.30	548.67	0.000	0.000	0.000
BASE	609	TORX	4.99	6.20	-6.60	0.000	0.000	0.000
BASE	609	TORY	6.27	7.73	-8.06	0.000	0.000	0.000
BASE	609	SOIL	-182.81	185.91	-202.60	0.000	0.000	0.000
BASE	609	SOILX1	-71.47	38.36	-86.76	0.000	0.000	0.000
BASE	609	SOILX2	1.79	-0.79	2.66	0.000	0.000	0.000
BASE	609	SOILY1	4.08	-5.54	6.52	0.000	0.000	0.000
BASE	609	SOILY2	-47.90	82.33	-113.05	0.000	0.000	0.000
BASE	609	DX Max	503.99	278.20	2208.65	0.000	0.000	0.000
BASE	609	DX Min	-503.99	-278.20	-2208.65	0.000	0.000	0.000
BASE	609	DY Max	291.34	454.56	2065.82	0.000	0.000	0.000
BASE	609	DY Min	-291.34	-454.56	-2065.82	0.000	0.000	0.000
BASE	613	DEAD	-41.71	0.01	498.76	0.000	0.000	0.000
BASE	613	TORX	17.20	0.00	-53.44	0.000	0.000	0.000
BASE	613	TORY	21.36	0.01	-65.09	0.000	0.000	0.000
BASE	613	SOIL	-316.86	0.94	8.97	0.000	0.000	0.000
BASE	613	SOILX1	-121.26	-0.16	-2.39	0.000	0.000	0.000
BASE	613	SOILX2	3.09	-0.01	0.21	0.000	0.000	0.000

SUPPORT REACTIONS

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	613	SOILY1	7.49	-0.01	0.77	0.000	0.000	0.000
BASE	613	SOILY2	-77.38	0.47	-16.52	0.000	0.000	0.000
BASE	613	DX Max	330.41	0.07	194.96	0.000	0.000	0.000
BASE	613	DX Min	-330.41	-0.07	-194.96	0.000	0.000	0.000
BASE	613	DY Max	317.54	0.20	1453.25	0.000	0.000	0.000
BASE	613	DY Min	-317.54	-0.20	-1453.25	0.000	0.000	0.000
BASE	618	DEAD	-55.01	0.00	395.66	0.000	0.000	0.000
BASE	618	TORX	22.27	0.00	-70.46	0.000	0.000	0.000
BASE	618	TORY	27.51	0.01	-85.77	0.000	0.000	0.000
BASE	618	SOIL	-211.75	1.12	-18.90	0.000	0.000	0.000
BASE	618	SOILX1	-91.85	-0.16	-5.89	0.000	0.000	0.000
BASE	618	SOILX2	3.15	-0.01	-0.03	0.000	0.000	0.000
BASE	618	SOILY1	6.22	-0.02	1.10	0.000	0.000	0.000
BASE	618	SOILY2	-61.52	0.51	-10.07	0.000	0.000	0.000
BASE	618	DX Max	505.11	0.09	1208.93	0.000	0.000	0.000
BASE	618	DX Min	-505.11	-0.09	-1208.93	0.000	0.000	0.000
BASE	618	DY Max	162.31	0.35	782.47	0.000	0.000	0.000
BASE	618	DY Min	-162.31	-0.35	-782.47	0.000	0.000	0.000
BASE	622	DEAD	-38.42	0.00	302.60	0.000	0.000	0.000
BASE	622	TORX	17.90	0.01	-70.68	0.000	0.000	0.000
BASE	622	TORY	22.17	0.01	-86.10	0.000	0.000	0.000
BASE	622	SOIL	-157.76	1.12	12.49	0.000	0.000	0.000
BASE	622	SOILX1	-74.10	-0.10	7.59	0.000	0.000	0.000
BASE	622	SOILX2	3.15	-0.01	-0.44	0.000	0.000	0.000
BASE	622	SOILY1	5.38	-0.02	-0.07	0.000	0.000	0.000
BASE	622	SOILY2	-47.49	0.44	3.75	0.000	0.000	0.000
BASE	622	DX Max	471.57	0.09	1632.91	0.000	0.000	0.000
BASE	622	DX Min	-471.57	-0.09	-1632.91	0.000	0.000	0.000
BASE	622	DY Max	78.31	0.35	454.36	0.000	0.000	0.000
BASE	622	DY Min	-78.31	-0.35	-454.36	0.000	0.000	0.000
BASE	626	DEAD	-43.85	0.01	262.66	0.000	0.000	0.000
BASE	626	TORX	18.13	0.01	-75.62	0.000	0.000	0.000
BASE	626	TORY	22.47	0.01	-92.26	0.000	0.000	0.000
BASE	626	SOIL	-146.84	1.69	34.01	0.000	0.000	0.000
BASE	626	SOILX1	-70.38	-0.14	23.53	0.000	0.000	0.000
BASE	626	SOILX2	3.95	-0.02	-0.97	0.000	0.000	0.000
BASE	626	SOILY1	5.37	-0.03	-0.94	0.000	0.000	0.000
BASE	626	SOILY2	-42.26	0.66	16.28	0.000	0.000	0.000
BASE	626	DX Max	490.20	0.12	1990.79	0.000	0.000	0.000
BASE	626	DX Min	-490.20	-0.12	-1990.79	0.000	0.000	0.000
BASE	626	DY Max	71.93	0.58	315.16	0.000	0.000	0.000
BASE	626	DY Min	-71.93	-0.58	-315.16	0.000	0.000	0.000
BASE	632	DEAD	-62.54	0.01	63.35	0.000	0.000	0.000
BASE	632	TORX	25.32	0.00	-21.21	0.000	0.000	0.000
BASE	632	TORY	31.27	0.01	-25.73	0.000	0.000	0.000
BASE	632	SOIL	-116.68	1.46	-4.93	0.000	0.000	0.000
BASE	632	SOILX1	-61.38	-0.10	-3.79	0.000	0.000	0.000
BASE	632	SOILX2	4.86	-0.03	1.12	0.000	0.000	0.000
BASE	632	SOILY1	3.90	-0.03	-0.02	0.000	0.000	0.000
BASE	632	SOILY2	-34.89	0.55	2.49	0.000	0.000	0.000
BASE	632	DX Max	722.30	0.10	607.53	0.000	0.000	0.000
BASE	632	DX Min	-722.30	-0.10	-607.53	0.000	0.000	0.000
BASE	632	DY Max	86.71	0.53	72.02	0.000	0.000	0.000
BASE	632	DY Min	-86.71	-0.53	-72.02	0.000	0.000	0.000
BASE	635	DEAD	-2.20	0.01	6.02	0.000	0.000	0.000
BASE	635	TORX	3.44	0.01	-4.12	0.000	0.000	0.000
BASE	635	TORY	4.54	0.01	-5.00	0.000	0.000	0.000
BASE	635	SOIL	-73.09	1.52	15.72	0.000	0.000	0.000
BASE	635	SOILX1	-42.36	-0.07	6.10	0.000	0.000	0.000
BASE	635	SOILX2	5.05	-0.03	0.41	0.000	0.000	0.000
BASE	635	SOILY1	2.08	-0.02	-0.64	0.000	0.000	0.000
BASE	635	SOILY2	-18.53	0.53	9.74	0.000	0.000	0.000
BASE	635	DX Max	122.45	0.08	128.62	0.000	0.000	0.000
BASE	635	DX Min	-122.45	-0.08	-128.62	0.000	0.000	0.000
BASE	635	DY Max	32.25	0.52	24.72	0.000	0.000	0.000
BASE	635	DY Min	-32.25	-0.52	-24.72	0.000	0.000	0.000
BASE	638	DEAD	-1.82	0.01	-5.29	0.000	0.000	0.000
BASE	638	TORX	1.85	0.01	-1.65	0.000	0.000	0.000
BASE	638	TORY	2.68	0.01	-2.12	0.000	0.000	0.000
BASE	638	SOIL	-55.26	2.16	23.70	0.000	0.000	0.000
BASE	638	SOILX1	-41.74	-0.09	16.17	0.000	0.000	0.000
BASE	638	SOILX2	6.91	-0.05	-0.44	0.000	0.000	0.000
BASE	638	SOILY1	0.88	-0.04	-0.95	0.000	0.000	0.000

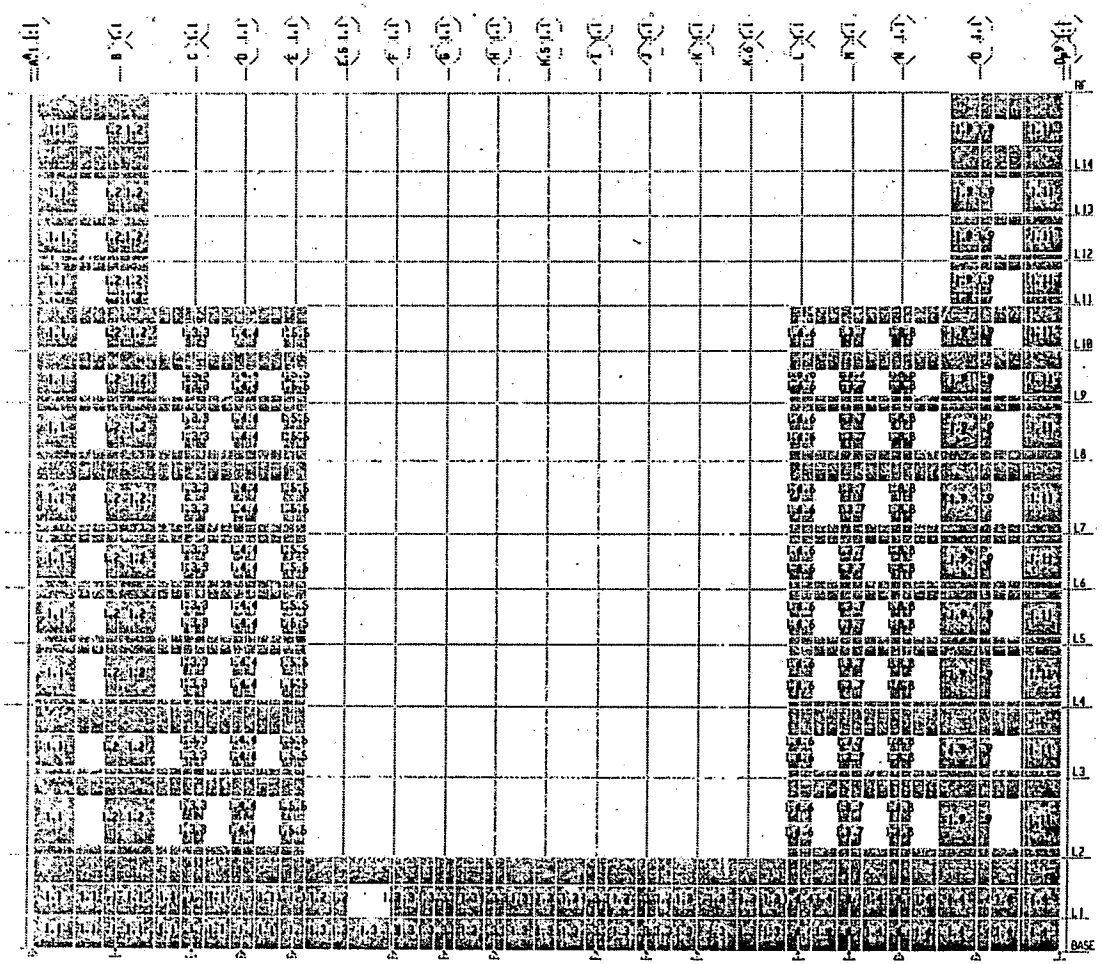
S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	638	SOILY2	-10.54	0.73	12.14	0.000	0.000	0.000
BASE	638	DX Max	100.47	0.11	58.01	0.000	0.000	0.000
BASE	638	DX Min	-100.47	-0.11	-58.01	0.000	0.000	0.000
BASE	638	DY Max	22.93	0.79	33.64	0.000	0.000	0.000
BASE	638	DY Min	-22.93	-0.79	-33.64	0.000	0.000	0.000
BASE	644	DEAD	-1.99	0.01	-6.43	0.000	0.000	0.000
BASE	644	TORX	1.97	0.01	1.06	0.000	0.000	0.000
BASE	644	TORY	2.82	0.01	1.35	0.000	0.000	0.000
BASE	644	SOIL	-35.29	2.22	8.14	0.000	0.000	0.000
BASE	644	SOILX1	-34.66	-0.07	0.73	0.000	0.000	0.000
BASE	644	SOILX2	8.37	-0.06	2.10	0.000	0.000	0.000
BASE	644	SOILY1	-0.87	-0.04	-0.94	0.000	0.000	0.000
BASE	644	SOILY2	0.06	0.72	11.94	0.000	0.000	0.000
BASE	644	DX Max	103.48	0.10	44.94	0.000	0.000	0.000
BASE	644	DX Min	-103.48	-0.10	-44.94	0.000	0.000	0.000
BASE	644	DY Max	19.63	0.81	26.45	0.000	0.000	0.000
BASE	644	DY Min	-19.63	-0.81	-26.45	0.000	0.000	0.000
BASE	647	DEAD	4.37	0.01	9.48	0.000	0.000	0.000
BASE	647	TORX	6.37	0.01	6.55	0.000	0.000	0.000
BASE	647	TORY	8.13	0.01	7.99	0.000	0.000	0.000
BASE	647	SOIL	-8.03	1.64	13.41	0.000	0.000	0.000
BASE	647	SOILX1	-24.96	-0.03	2.62	0.000	0.000	0.000
BASE	647	SOILX2	8.66	-0.04	0.76	0.000	0.000	0.000
BASE	647	SOILY1	-2.08	-0.02	-0.61	0.000	0.000	0.000
BASE	647	SOILY2	11.72	0.52	13.63	0.000	0.000	0.000
BASE	647	DX Max	202.28	0.07	197.43	0.000	0.000	0.000
BASE	647	DX Min	-202.28	-0.07	-197.43	0.000	0.000	0.000
BASE	647	DY Max	47.61	0.57	50.25	0.000	0.000	0.000
BASE	647	DY Min	-47.61	-0.57	-50.25	0.000	0.000	0.000
BASE	650	DEAD	55.12	0.01	61.31	0.000	0.000	0.000
BASE	650	TORX	26.34	0.01	23.44	0.000	0.000	0.000
BASE	650	TORY	32.50	0.02	28.50	0.000	0.000	0.000
BASE	650	SOIL	15.63	2.06	6.26	0.000	0.000	0.000
BASE	650	SOILX1	-25.42	-0.04	3.77	0.000	0.000	0.000
BASE	650	SOILX2	11.93	-0.07	-0.92	0.000	0.000	0.000
BASE	650	SOILY1	-3.82	-0.03	0.14	0.000	0.000	0.000
BASE	650	SOILY2	25.52	0.65	6.45	0.000	0.000	0.000
BASE	650	DX Max	736.94	0.11	651.84	0.000	0.000	0.000
BASE	650	DX Min	-736.94	-0.11	-651.84	0.000	0.000	0.000
BASE	650	DY Max	200.85	0.78	182.20	0.000	0.000	0.000
BASE	650	DY Min	-200.85	-0.78	-182.20	0.000	0.000	0.000
BASE	655	DEAD	41.57	0.01	243.82	0.000	0.000	0.000
BASE	655	TORX	19.41	0.01	72.72	0.000	0.000	0.000
BASE	655	TORY	24.04	0.02	88.66	0.000	0.000	0.000
BASE	655	SOIL	33.85	2.14	8.66	0.000	0.000	0.000
BASE	655	SOILX1	-21.44	-0.02	-5.80	0.000	0.000	0.000
BASE	655	SOILX2	13.92	-0.09	2.87	0.000	0.000	0.000
BASE	655	SOILY1	-5.12	-0.03	-0.78	0.000	0.000	0.000
BASE	655	SOILY2	34.90	0.65	7.12	0.000	0.000	0.000
BASE	655	DX Max	509.40	0.14	1818.07	0.000	0.000	0.000
BASE	655	DX Min	-509.40	-0.14	-1818.07	0.000	0.000	0.000
BASE	655	DY Max	189.18	0.75	653.19	0.000	0.000	0.000
BASE	655	DY Min	-189.18	-0.75	-653.19	0.000	0.000	0.000
BASE	659	DEAD	36.38	0.00	305.49	0.000	0.000	0.000
BASE	659	TORX	17.06	0.01	71.51	0.000	0.000	0.000
BASE	659	TORY	21.12	0.01	87.11	0.000	0.000	0.000
BASE	659	SOIL	48.16	1.35	3.07	0.000	0.000	0.000
BASE	659	SOILX1	-17.47	-0.01	-2.67	0.000	0.000	0.000
BASE	659	SOILX2	14.04	-0.06	1.01	0.000	0.000	0.000
BASE	659	SOILY1	-5.20	-0.02	0.03	0.000	0.000	0.000
BASE	659	SOILY2	39.03	0.40	-1.45	0.000	0.000	0.000
BASE	659	DX Max	418.78	0.11	1527.32	0.000	0.000	0.000
BASE	659	DX Min	-418.78	-0.11	-1527.32	0.000	0.000	0.000
BASE	659	DY Max	227.87	0.44	781.13	0.000	0.000	0.000
BASE	659	DY Min	-227.87	-0.44	-781.13	0.000	0.000	0.000
BASE	663	DEAD	66.95	0.00	431.59	0.000	0.000	0.000
BASE	663	TORX	21.21	0.01	73.05	0.000	0.000	0.000
BASE	663	TORY	26.18	0.02	88.95	0.000	0.000	0.000
BASE	663	SOIL	78.86	1.52	-10.47	0.000	0.000	0.000
BASE	663	SOILX1	-17.46	-0.01	0.49	0.000	0.000	0.000
BASE	663	SOILX2	17.44	-0.08	-1.51	0.000	0.000	0.000
BASE	663	SOILY1	-6.07	-0.02	1.10	0.000	0.000	0.000
BASE	663	SOILY2	52.82	0.47	-12.06	0.000	0.000	0.000

S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	663	DX Max	409.66	0.11	1059.57	0.000	0.000	0.000
BASE	663	DX Min	-409.66	-0.11	-1059.57	0.000	0.000	0.000
BASE	663	DY Max	387.85	0.51	1068.79	0.000	0.000	0.000
BASE	663	DY Min	-387.85	-0.51	-1068.79	0.000	0.000	0.000
BASE	668	DEAD	82.92	0.03	609.41	0.000	0.000	0.000
BASE	668	TORX	16.28	0.02	56.43	0.000	0.000	0.000
BASE	668	TORY	20.20	0.02	68.74	0.000	0.000	0.000
BASE	668	SOIL	130.18	1.32	2.86	0.000	0.000	0.000
BASE	668	SOILX1	-15.53	-0.01	5.04	0.000	0.000	0.000
BASE	668	SOILX2	24.97	-0.07	0.45	0.000	0.000	0.000
BASE	668	SOILY1	-7.46	-0.01	0.46	0.000	0.000	0.000
BASE	668	SOILY2	72.80	0.44	-8.27	0.000	0.000	0.000
BASE	668	DX Max	329.17	0.13	521.47	0.000	0.000	0.000
BASE	668	DX Min	-329.17	-0.13	-521.47	0.000	0.000	0.000
BASE	668	DY Max	506.62	0.47	1525.98	0.000	0.000	0.000
BASE	668	DY Min	-506.62	-0.47	-1525.98	0.000	0.000	0.000
BASE	672	DEAD	-118.39	-30.64	532.60	0.000	0.000	0.000
BASE	672	TORX	3.84	-10.26	7.95	0.000	0.000	0.000
BASE	672	TORY	4.84	-12.70	9.67	0.000	0.000	0.000
BASE	672	SOIL	73.18	133.17	-120.33	0.000	0.000	0.000
BASE	672	SOILX1	-10.41	-3.17	19.06	0.000	0.000	0.000
BASE	672	SOILX2	14.54	8.87	-13.98	0.000	0.000	0.000
BASE	672	SOILY1	-3.89	-5.04	5.29	0.000	0.000	0.000
BASE	672	SOILY2	40.24	73.01	-76.38	0.000	0.000	0.000
BASE	672	DX Max	508.50	83.74	2046.09	0.000	0.000	0.000
BASE	672	DX Min	-508.50	-83.74	-2046.09	0.000	0.000	0.000
BASE	672	DY Max	155.58	248.97	1194.41	0.000	0.000	0.000
BASE	672	DY Min	-155.58	-248.97	-1194.41	0.000	0.000	0.000
Summation	0, 0, Base	DEAD	-0.60	0.59	15303.90	16081375.934	-20718043.74	1460.299
Summation	0, 0, Base	TORX	-0.42	-0.68	0.00	765.288	-457.985	-1088647.211
Summation	0, 0, Base	TORY	-0.52	-0.84	0.00	937.148	-563.664	-1349338.413
Summation	0, 0, Base	SOIL	-1406.41	2559.66	0.00	-233364.227	-128169.930	5460776.916
Summation	0, 0, Base	SOILX1	-1166.06	-0.14	0.00	53.440	-158264.493	1561988.469
Summation	0, 0, Base	SOILX2	290.74	0.00	0.00	2.446	24444.640	-316025.419
Summation	0, 0, Base	SOILY1	0.00	-362.48	0.00	30481.094	0.201	-489709.067
Summation	0, 0, Base	SOILY2	0.08	1956.14	0.00	-274333.072	49.972	2642961.064
Summation	0, 0, Base	DX MAX	10924.27	4315.83	44600.06	49093620.39	-59274175.6	-9568469.25
Summation	0, 0, Base	DX MIN	-10924.27	-4315.83	-44600.06	-49093620.4	59274175.64	9568469.250
Summation	0, 0, Base	DY MAX	4847.10	10689.81	41284.09	45831091.36	-59665588.7	5986769.759
Summation	0, 0, Base	DY MIN	-4847.10	-10689.81	-41284.09	-45831091.4	59665588.69	-5986769.76

G: Shear Wall Pier Shear Design


RF
L14
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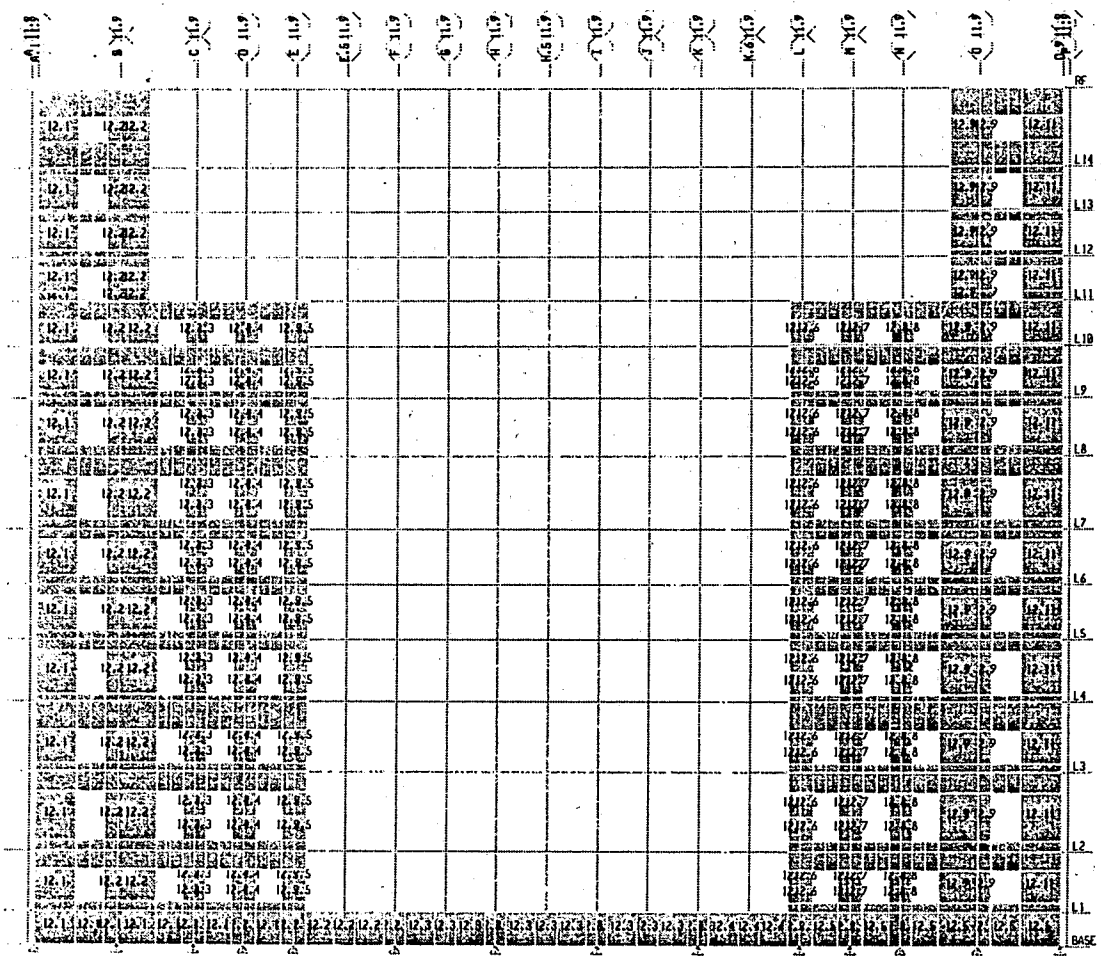
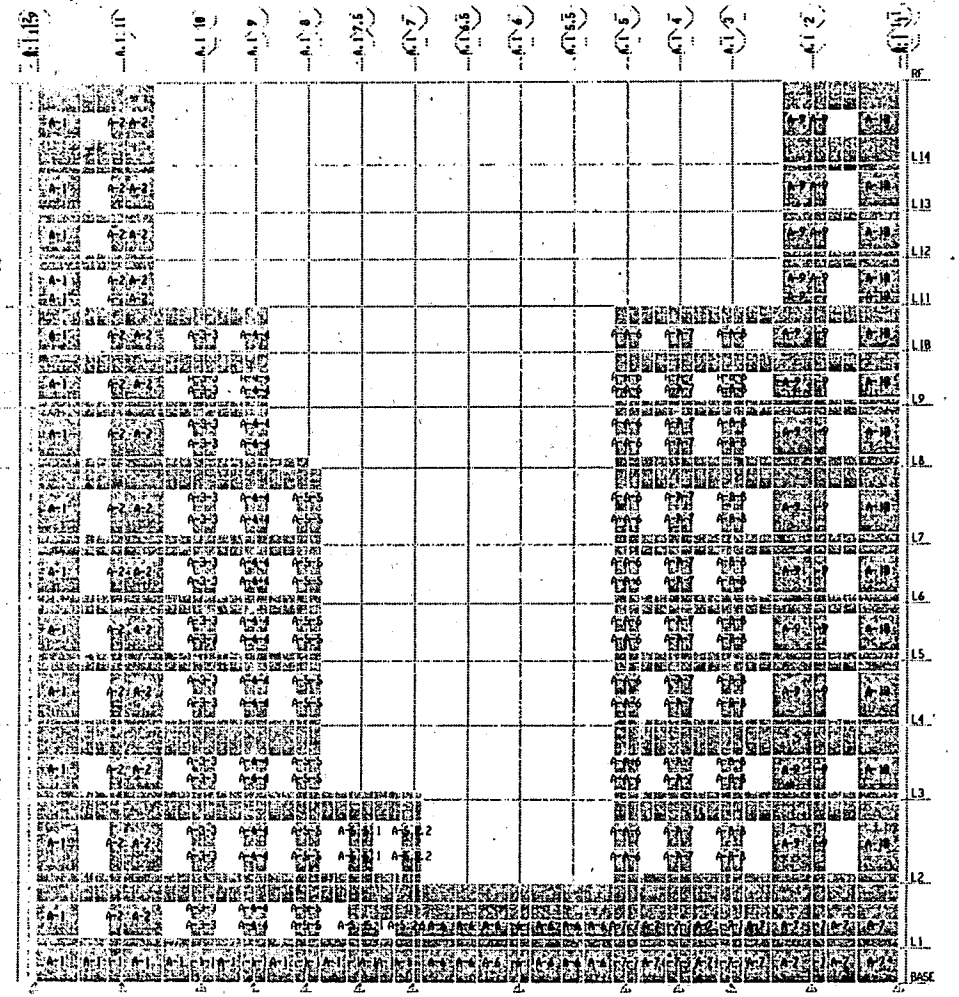
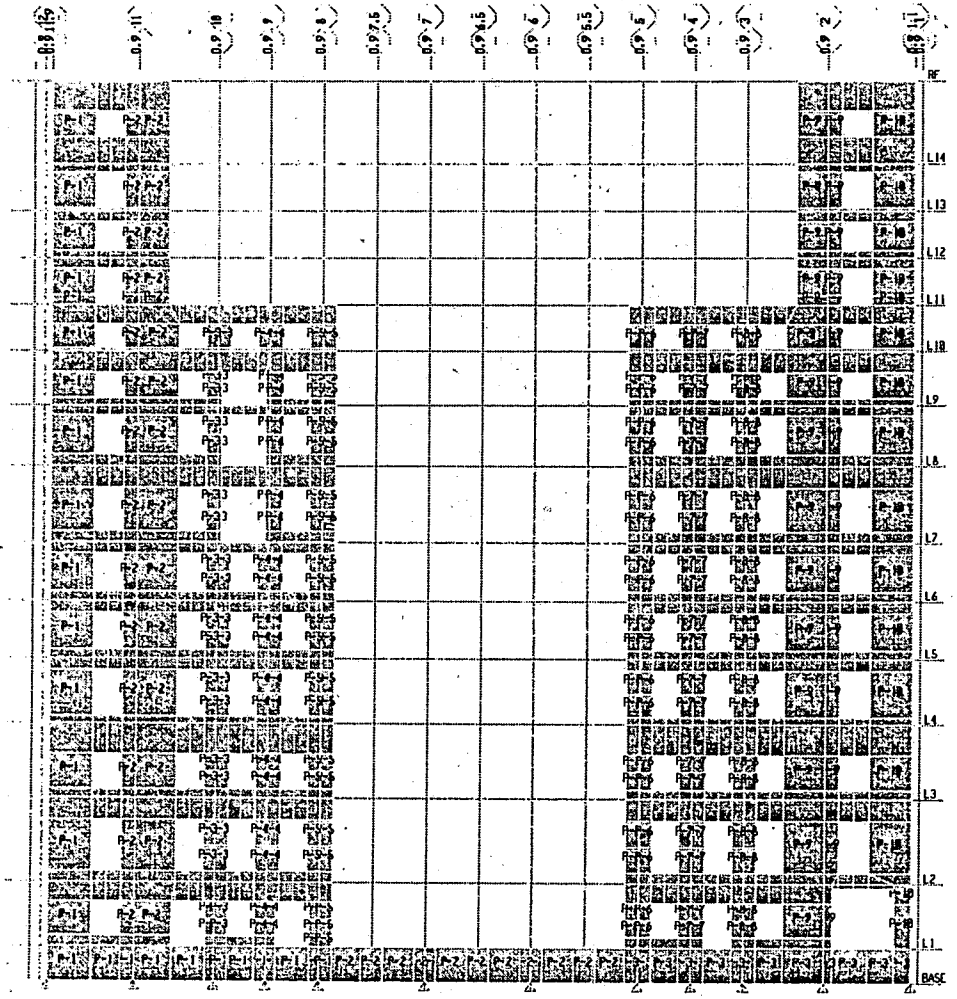
L1
BASE



ETABS v8.5.6 - File: HOJ - February 28,2007 16:24
Elevation View - 11.9 - Kip-in Units



ETABS v8.5.6 - File: HOJ - February 28,2007 16:24
Elevation View - A.1 - Kip-in Units


RF
L14
L13
L12
L11
L10
L9
L8
L7
L6
L5
L4
L3
L2
L1
BASE

Hall of Justice

Concrete Shear Wall Shear Design

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$

Level	ETABS Pier	t {in}	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	Tupe	As {in}^2	#rows	s {in}	Rho	ΦVn {kips}	Vu/ ΦVn	Φ10A*f'c^.5 {kips}	Vu/ Φ8A*f'c^.5	Vu/ Φ10A*f'c^.5	Line Sum Acv {in^2}	Line Sum Vu {kips}	Vu/ Acv {ksi}	Φ8*f'c^.5 {ksi}
RF	1.1	14	107	1498	8000	297	2	H1	0.31	2	12	0.0037	360	0.83	804	0.46	0.37				
RF	1.2	14	111	1554	8000	226	2	H1	0.31	2	12	0.0037	373	0.61	834	0.34	0.27	3052	523	0.17	0.43
RF	1.9	14	112	1568	8000	229	2	H1	0.31	2	12	0.0037	377	0.61	841	0.34	0.27				
RF	1.11	14	106	1484	8000	301	2	H1	0.31	2	12	0.0037	356	0.84	796	0.47	0.38	3052	530	0.17	0.43
RF	12.1	14	107	1498	8000	315	2	H1	0.31	2	12	0.0037	360	0.88	804	0.49	0.39				
RF	12.2	14	111	1554	8000	239	2	H1	0.31	2	12	0.0037	373	0.64	834	0.36	0.29	3052	554	0.18	0.43
RF	12.9	14	112	1568	8000	236	2	H1	0.31	2	12	0.0037	377	0.63	841	0.35	0.28				
RF	12.1	14	106	1484	8000	308	2	H1	0.31	2	12	0.0037	356	0.86	796	0.48	0.39	3052	543	0.18	0.43
RF	A-1	14	107	1498	8000	284	2	H1	0.31	2	12	0.0037	360	0.79	804	0.44	0.35				
RF	A-2	14	111	1554	8000	216	2	H1	0.31	2	12	0.0037	373	0.58	834	0.32	0.26	3052	500	0.16	0.43
RF	A-9	14	112	1568	8000	219	2	H1	0.31	2	12	0.0037	377	0.58	841	0.33	0.26				
RF	A-10	14	106	1484	8000	288	2	H1	0.31	2	12	0.0037	356	0.81	796	0.45	0.36	3052	507	0.17	0.43
RF	P-1	14	107	1498	8000	312	2	H1	0.31	2	12	0.0037	360	0.87	804	0.48	0.39				
RF	P-2	14	111	1554	8000	237	2	H1	0.31	2	12	0.0037	373	0.64	834	0.36	0.28	3052	549	0.18	0.43
RF	P-9	14	112	1568	8000	249	2	H1	0.31	2	12	0.0037	377	0.66	841	0.37	0.30				
RF	P-10	14	106	1484	8000	327	2	H1	0.31	2	12	0.0037	356	0.92	796	0.51	0.41	3052	576	0.19	0.43
L14	1.1	14	107	1498	8000	546	2	H4	0.44	2	8	0.0079	585	0.93	804	0.85	0.68				
L14	1.2	14	111	1554	8000	309	2	H1	0.31	2	12	0.0037	373	0.83	834	0.46	0.37	3052	855	0.28	0.43
L14	1.9	14	112	1568	8000	314	2	H1	0.31	2	12	0.0037	377	0.83	841	0.47	0.37				
L14	1.11	14	106	1484	8000	542	2	H4	0.44	2	8	0.0079	579	0.94	796	0.85	0.68	3052	856	0.28	0.43
L14	12.1	14	107	1498	8000	575	2	H4	0.44	2	8	0.0079	585	0.98	804	0.89	0.72				
L14	12.2	14	111	1554	8000	321	2	H1	0.31	2	12	0.0037	373	0.86	834	0.48	0.38	3052	896	0.29	0.43
L14	12.9	14	112	1568	8000	324	2	H1	0.31	2	12	0.0037	377	0.86	841	0.48	0.39				
L14	12.1	14	106	1484	8000	563	2	H4	0.44	2	8	0.0079	579	0.97	796	0.88	0.71	3052	887	0.29	0.43
L14	A-1	14	107	1498	8000	531	2	H4	0.44	2	8	0.0079	585	0.91	804	0.83	0.66				
L14	A-2	14	111	1554	8000	302	2	H1	0.31	2	12	0.0037	373	0.81	834	0.45	0.36	3052	832	0.27	0.43
L14	A-9	14	112	1568	8000	306	2	H1	0.31	2	12	0.0037	377	0.81	841	0.45	0.36				
L14	A-10	14	106	1484	8000	524	2	H4	0.44	2	8	0.0079	579	0.91	796	0.82	0.66	3052	830	0.27	0.43
L14	P-1	14	107	1498	8000	587	2	H4	0.44	2	8	0.0079	585	1.00	804	0.91	0.73				
L14	P-2	14	111	1554	8000	325	2	H1	0.31	2	12	0.0037	373	0.87	834	0.49	0.39	3052	912	0.30	0.43
L14	P-9	14	112	1568	8000	338	2	H1	0.31	2	12	0.0037	377	0.90	841	0.50	0.40				
L14	P-10	14	106	1484	8000	593	2	H5	0.44	2	6	0.0105	719	0.82	796	0.93	0.74	3052	931	0.30	0.43
L13	1.1	14	107	1498	8000	561	2	H4	0.44	2	8	0.0079	585	0.96	804	0.87	0.70				
L13	1.2	14	111	1554	8000	299	2	H1	0.31	2	12	0.0037	373	0.80	834	0.45	0.36	3052	859	0.28	0.43
L13	1.9	14	112	1568	8000	304	2	H1	0.31	2	12	0.0037	377	0.81	841	0.45	0.36				
L13	1.11	14	106	1484	8000	556	2	H4	0.44	2	8	0.0079	579	0.96	796	0.87	0.70	3052	860	0.28	0.43
L13	12.1	14	107	1498	8000	590	2	H5	0.44	2	6	0.0105	726	0.81	804	0.92	0.73				
L13	12.2	14	111	1554	8000	310	2	H1	0.31	2	12	0.0037	373	0.83	834	0.46	0.37	3052	901	0.30	0.43
L13	12.9	14	112	1568	8000	314	2	H1	0.31	2	12	0.0037	377	0.83	841	0.47	0.37				
L13	12.1	14	106	1484	8000	578	2	H4	0.44	2	8	0.0079	579	1.00	796	0.91	0.73	3052	892	0.29	0.43
L13	A-1	14	107	1498	8000	545	2	H4	0.44	2	8	0.0079	585	0.93	804	0.85	0.68				
L13	A-2	14	111	1554	8000	292	2	H1	0.31	2	12	0.0037	373	0.78	834	0.44	0.35	3052	837	0.27	0.43
L13	A-9	14	112	1568	8000	295	2	H1	0.31	2	12	0.0037	377	0.78	841	0.44	0.35				
L13	A-10	14	106	1484	8000	539	2	H4	0.44	2	8	0.0079	579	0.93	796	0.85	0.68	3052	834	0.27	0.43
L13	P-1	14	107	1498	8000	604	2	H5	0.44	2	6	0.0105	726	0.83	804	0.94	0.75				
L13	P-2	14	111	1554	8000	313	2	H1	0.31	2	12	0.0037	373	0.84	834	0.47	0.38	3052	917	0.30	0.43
L13	P-9	14	112	1568	8000	327	2	H1	0.31	2	12	0.0037	377	0.87	841	0.49	0.39				
L13	P-10	14	106	1484	8000	608	2	H5	0.44	2	6	0.0105	719	0.85	796	0.95	0.76	3052	935	0.31	0.43
L12	1.1	18	107	1926	8000	336	2	H3	0.31	2	8	0.0043	505	0.67	1034	0.41	0.33				
L12	1.2	18	111	1998	8000	648	2	H4	0.44	2	8	0.0061	654	0.99	1072	0.75	0.60	3924	984	0.25	0.43
L12	1.9	18	112	2016	8000	648	2	H4	0.44	2	8	0.0061	660	0.98	1082	0.75	0.60				
L12	1.11	18	106	1908	8000	334	2	H3	0.31	2	8	0.0043	501	0.67	1024	0.41	0.33	3924	982	0.25	0.43
L12	12.1	18	107	1926	8000	357	2	H3	0.31	2	8	0.0043	505	0.71	1034	0.43	0.35				
L12	12.2	18	111	1998	8000	674	2	H5	0.44	2	6	0.0081	801	0.84	1072	0.79	0.63	3924	1031	0.26	0.43
L12	12.9	18	112	2016	8000	672	2	H5	0.44	2	6	0.0081	808	0.83	1082	0.78	0.62				
L12	12.1	18	106	1908	8000	344	2	H3	0.31	2	8	0.0043	501	0.69	1024	0.42	0.34	3924	1016	0.26	0.43
L12	A-1	18	107	1926	8000	323	2	H3	0.31	2	8	0.0043	505	0.64	1034	0.39	0.31				
L12	A-2	18	111	1998	8000	620	2	H4	0.44	2	8	0.0061	654	0.95	1072	0.72	0.58	3924	944	0.24	0.43
L12	A-9	18	112	2016	8000	643	2	H4	0.44	2	8	0.0061	660	0.97	1082	0.74	0.59				
L12	A-10	18	106	1908	8000	328	2	H3	0.31	2	8	0.0043	501	0.66	1024	0.40	0.32	3924	972	0.25	0.43
L12	P-1	18	107	1926	8000	336	2	H3	0.31	2	8	0.0043	505	0.66	1034	0.41	0.32				
L12	P-2	18	111	1998	8000	689	2	H5	0.44	2	6	0.0081	801	0.86	1072	0.80	0.64	3924	1025	0.26	0.43
L12	P-9	18	112	2016	8000	706	2	H5	0.44	2	6	0.0081	808	0.87	1082	0.82	0.65				
L12	P-10	18	106	1908	8000	364	2	H3	0.31	2	8	0.0043	501	0.73	1024	0.44	0.36	3924	1070	0.27	0.43
L11	1.1	18	107	1926	8000	224	2	H1	0.31	2	12	0.0029	406	0.55	1034	0.27	0.22				
L11	1.2	18	135	2430	8000	349	2	H1	0.31	2	12	0.0029	512	0.68	1304	0.33	0.27				
L11	1.3	18	60	1080	8000	389	2	H5	0.44	2	6	0.0081	433	0.90	580	0.84	0.67				

Hall of Justice

Concrete Shear Wall Shear Design

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$

Level	ETABS Pier	t {in}	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	Tupe	As {in}^2	#rows	s {in}	Rho	ΦVn {kips}	Vu/ ΦVn	Φ10A*f'c^.5 {kips}	Vu/ Φ8A*f'c^.5	Vu/ Φ10A*f'c^.5	Line Sum Acv {in^2}	Line Sum Vu {kips}	Vu/ Acv {ksi}	Φ8*f'c^.5 {ksi}
L11	1.4	18	62	1116	8000	70	2	H1	0.31	2	12	0.0029	235	0.30	599	0.15	0.12				
L11	1.5	18	64	1152	8000	36	2	H1	0.31	2	12	0.0029	243	0.15	618	0.07	0.06	7704	1068	0.14	0.43
L11	1.6	18	64	1152	8000	36	2	H1	0.31	2	12	0.0029	243	0.15	618	0.07	0.06				
L11	1.7	18	63	1134	8000	70	2	H1	0.31	2	12	0.0029	239	0.29	609	0.14	0.12				
L11	1.8	18	59	1062	8000	387	2	H5	0.44	2	6	0.0081	426	0.91	570	0.85	0.68				
L11	1.9	18	136	2448	8000	349	2	H1	0.31	2	12	0.0029	516	0.68	1314	0.33	0.27				
L11	1.11	18	106	1908	8000	225	2	H1	0.31	2	12	0.0029	402	0.56	1024	0.27	0.22	7704	1067	0.14	0.43
L11	12.1	18	107	1926	8000	240	2	H1	0.31	2	12	0.0029	406	0.59	1034	0.29	0.23				
L11	12.2	18	135	2430	8000	367	2	H1	0.31	2	12	0.0029	512	0.72	1304	0.35	0.28				
L11	12.3	18	60	1080	8000	404	2	H5	0.44	2	6	0.0081	433	0.93	580	0.87	0.70				
L11	12.4	18	62	1116	8000	72	2	H1	0.31	2	12	0.0029	235	0.31	599	0.15	0.12				
L11	12.5	18	64	1152	8000	38	2	H1	0.31	2	12	0.0029	243	0.16	618	0.08	0.06	7704	1122	0.15	0.43
L11	12.6	18	64	1152	8000	38	2	H1	0.31	2	12	0.0029	243	0.16	618	0.08	0.06				
L11	12.7	18	63	1134	8000	73	2	H1	0.31	2	12	0.0029	239	0.30	609	0.15	0.12				
L11	12.8	18	59	1062	8000	402	2	H5	0.44	2	6	0.0081	426	0.94	570	0.88	0.71				
L11	12.9	18	136	2448	8000	362	2	H1	0.31	2	12	0.0029	516	0.70	1314	0.34	0.28				
L11	12.1	18	106	1908	8000	230	2	H1	0.31	2	12	0.0029	402	0.57	1024	0.28	0.22	7704	1104	0.14	0.43
L11	A-1	18	107	1926	8000	215	2	H1	0.31	2	12	0.0029	406	0.53	1034	0.26	0.21				
L11	A-2	18	135	2430	8000	345	2	H1	0.31	2	12	0.0029	512	0.67	1304	0.33	0.26				
L11	A-3	18	60	1080	8000	356	2	H5	0.44	2	6	0.0081	433	0.82	580	0.77	0.61				
L11	A-4	18	62	1116	8000	39	2	H1	0.31	2	12	0.0029	235	0.17	599	0.08	0.07	6552	955	0.15	0.43
L11	A-6	18	64	1152	8000	39	2	H1	0.31	2	12	0.0029	243	0.16	618	0.08	0.06				
L11	A-7	18	63	1134	8000	71	2	H1	0.31	2	12	0.0029	239	0.30	609	0.15	0.12				
L11	A-8	18	59	1062	8000	389	2	H5	0.44	2	6	0.0081	426	0.92	570	0.85	0.68				
L11	A-9	18	136	2448	8000	343	2	H1	0.31	2	12	0.0029	516	0.66	1314	0.33	0.26				
L11	A-10	18	106	1908	8000	218	2	H1	0.31	2	12	0.0029	402	0.54	1024	0.27	0.21	7704	1059	0.14	0.43
L11	P-1	18	107	1926	8000	210	2	H1	0.31	2	12	0.0029	406	0.52	1034	0.25	0.20				
L11	P-2	18	135	2430	8000	240	2	H1	0.31	2	12	0.0029	512	0.47	1304	0.23	0.18				
L11	P-3	18	60	1080	8000	504	2	H6	0.44	2	4	0.0122	591	0.85	580	1.09	0.87				
L11	P-4	18	62	1116	8000	181	2	H1	0.31	2	12	0.0029	235	0.77	599	0.38	0.30				
L11	P-5	18	64	1152	8000	98	2	H1	0.31	2	12	0.0029	243	0.40	618	0.20	0.16	7704	1232	0.16	0.43
L11	P-6	18	64	1152	8000	43	2	H1	0.31	2	12	0.0029	243	0.18	618	0.09	0.07				
L11	P-7	18	63	1134	8000	76	2	H1	0.31	2	12	0.0029	239	0.32	609	0.16	0.13				
L11	P-8	18	59	1062	8000	426	2	H6	0.44	2	4	0.0122	581	0.73	570	0.94	0.75				
L11	P-9	18	136	2448	8000	381	2	H1	0.31	2	12	0.0029	516	0.74	1314	0.36	0.29				
L11	P-10	18	106	1908	8000	240	2	H1	0.31	2	12	0.0029	402	0.60	1024	0.29	0.23	7704	1166	0.15	0.43
L10	1.1	18	107	1926	6000	253	2	H1	0.31	2	12	0.0029	378	0.67	895	0.35	0.28				
L10	1.2	18	135	2430	6000	314	2	H1	0.31	2	12	0.0029	477	0.66	1129	0.35	0.28				
L10	1.3	18	60	1080	6000	421	2	H6	0.44	2	4	0.0122	576	0.73	502	1.05	0.84				
L10	1.4	18	62	1116	6000	372	2	H5	0.44	2	6	0.0081	431	0.86	519	0.90	0.72				
L10	1.5	18	64	1152	6000	174	2	H1	0.31	2	12	0.0029	226	0.77	535	0.41	0.33	7704	1533	0.20	0.37
L10	1.6	18	64	1152	6000	172	2	H1	0.31	2	12	0.0029	226	0.76	535	0.40	0.32				
L10	1.7	18	63	1134	6000	373	2	H5	0.44	2	6	0.0081	438	0.85	527	0.89	0.71				
L10	1.8	18	59	1062	6000	411	2	H6	0.44	2	4	0.0122	566	0.73	494	1.04	0.83				
L10	1.9	18	136	2448	6000	349	2	H1	0.31	2	12	0.0029	481	0.73	1138	0.38	0.31				
L10	1.11	18	106	1908	6000	255	2	H1	0.31	2	12	0.0029	375	0.68	887	0.36	0.29	7704	1561	0.20	0.37
L10	12.1	18	107	1926	6000	257	2	H1	0.31	2	12	0.0029	378	0.68	895	0.36	0.29				
L10	12.2	18	135	2430	6000	332	2	H1	0.31	2	12	0.0029	477	0.70	1129	0.37	0.29				
L10	12.3	18	60	1080	6000	443	2	H6	0.44	2	4	0.0122	576	0.77	502	1.10	0.88				
L10	12.4	18	62	1116	6000	389	2	H5	0.44	2	6	0.0081	431	0.90	519	0.94	0.75				
L10	12.5	18	64	1152	6000	182	2	H1	0.31	2	12	0.0029	226	0.81	535	0.43	0.34	7704	1604	0.21	0.37
L10	12.6	18	64	1152	6000	181	2	H1	0.31	2	12	0.0029	226	0.80	535	0.42	0.34				
L10	12.7	18	63	1134	6000	392	2	H5	0.44	2	6	0.0081	438	0.90	527	0.93	0.74				
L10	12.8	18	59	1062	6000	433	2	H6	0.44	2	4	0.0122	566	0.77	494	1.10	0.88				
L10	12.9	18	136	2448	6000	320	2	H1	0.31	2	12	0.0029	481	0.67	1138	0.35	0.28				
L10	12.1	18	106	1908	6000	252	2	H1	0.31	2	12	0.0029	375	0.67	887	0.36	0.28	7704	1578	0.20	0.37
L10	A-1	18	107	1926	6000	208	2	H1	0.31	2	12	0.0029	378	0.55	895	0.29	0.23				
L10	A-2	18	135	2430	6000	342	2	H1	0.31	2	12	0.0029	477	0.72	1129	0.38	0.30				
L10	A-3	18	60	1080	6000	409	2	H5	0.44	2	6	0.0081	417	0.98	502	1.02	0.81				
L10	A-4	18	62	1116	6000	212	2	H1	0.31	2	12	0.0029	219	0.97	519	0.51	0.41	6552	1171	0.18	0.37
L10	A-6	18	64	1152	6000	187	2	H1	0.31	2	12	0.0029	226	0.82	535	0.44	0.35				
L10	A-7	18	63	1134	6000	400	2	H5	0.44	2	6	0.0081	438	0.91	527	0.95	0.76				
L10	A-8	18	59	1062	6000	442	2	H6	0.44	2	4	0.0122	566	0.78	494	1.12	0.90				
L10	A-9	18	136	2448	6000	353	2	H1	0.31	2	12	0.0029	481	0.73	1138	0.39	0.31				
L10	A-10	18	106	1908	6000	201	2	H1	0.31	2	12	0.0029	375	0.54	887	0.28	0.23	7704	1583	0.21	0.37
L10	P-1	18	107	1926	6000	257	2	H1	0.31	2	12	0.0029	378	0.68	895	0.36	0.29				
L10	P-2	18	135	2430	6000	300	2	H1	0.31	2	12	0.0029	477	0.63	1129	0.33	0.27				

Hall of Justice

Concrete Shear Wall Shear Design

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$

Level	ETABS Pier	t {in}	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	Tupe	As {in}^2	#rows	s {in}	Rho	ΦVn {kips}	Vu/ ΦVn	Φ10A*f'c^.5 {kips}	Vu/ Φ8A*f'c^.5	Vu/ Φ10A*f'c^.5	Line Sum Acv {in^2}	Line Sum Vu {kips}	Vu/ Acv {ksi}	Φ8*f'c^.5 {ksi}
L8	A-1	18	107	1926	6000	267	2	H1	0.31	2	12	0.0029	378	0.71	895	0.37	0.30				
L8	A-2	18	135	2430	6000	471	2	H1	0.31	2	12	0.0029	477	0.99	1129	0.52	0.42				
L8	A-3	18	60	1080	6000	288	2	H4	0.44	2	8	0.0061	338	0.85	502	0.72	0.57				
L8	A-4	18	62	1116	6000	292	2	H4	0.44	2	8	0.0061	349	0.83	519	0.70	0.56				
L8	A-5	18	64	1152	6000	205	2	H1	0.31	2	12	0.0029	226	0.91	535	0.48	0.38	7704	1523	0.20	0.37
L8	A-6	18	64	1152	6000	86	2	H1	0.31	2	12	0.0029	226	0.38	535	0.20	0.16				
L8	A-7	18	63	1134	6000	219	2	H1	0.31	2	12	0.0029	223	0.98	527	0.52	0.42				
L8	A-8	18	59	1062	6000	279	2	H4	0.44	2	8	0.0061	332	0.84	494	0.71	0.56				
L8	A-9	18	136	2448	6000	472	2	H1	0.31	2	12	0.0029	481	0.98	1138	0.52	0.41				
L8	A-10	18	106	1908	6000	267	2	H1	0.31	2	12	0.0029	375	0.71	887	0.38	0.30	7704	1322	0.17	0.37
L8	P-1	18	107	1926	6000	320	2	H1	0.31	2	12	0.0029	378	0.85	895	0.45	0.36				
L8	P-2	18	135	2430	6000	491	2	H2	0.31	2	10	0.0034	527	0.93	1129	0.54	0.43				
L8	P-3	18	38	684	6000	145	2	H2	0.31	2	10	0.0034	148	0.98	318	0.57	0.46				
L8	P-4	18	41	738	6000	107	2	H1	0.31	2	12	0.0029	145	0.74	343	0.39	0.31				
L8	P-5	18	64	1152	6000	83	2	H1	0.31	2	12	0.0029	226	0.37	535	0.19	0.15	6930	1145	0.17	0.37
L8	P-6	18	64	1152	6000	103	2	H1	0.31	2	12	0.0029	226	0.45	535	0.24	0.19				
L8	P-7	18	63	1134	6000	255	2	H3	0.31	2	8	0.0043	281	0.91	527	0.60	0.48				
L8	P-8	18	59	1062	6000	324	2	H4	0.44	2	8	0.0061	332	0.98	494	0.82	0.66				
L8	P-9	18	136	2448	6000	594	2	H3	0.31	2	8	0.0043	607	0.98	1138	0.65	0.52				
L8	P-10	18	106	1908	6000	359	2	H1	0.31	2	12	0.0029	375	0.96	887	0.51	0.40	7704	1634	0.21	0.37
L7	1.1	18	107	1926	6000	362	2	H1	0.31	2	12	0.0029	378	0.96	895	0.51	0.40				
L7	1.2	18	135	2430	6000	545	2	H3	0.31	2	8	0.0043	603	0.90	1129	0.60	0.48				
L7	1.3	18	60	1080	6000	293	2	H4	0.44	2	8	0.0061	338	0.87	502	0.73	0.58				
L7	1.4	18	62	1116	6000	231	2	H2	0.31	2	10	0.0034	242	0.95	519	0.56	0.44				
L7	1.5	18	64	1152	6000	94	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.18	7704	1524	0.20	0.37
L7	1.6	18	64	1152	6000	92	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17				
L7	1.7	18	63	1134	6000	229	2	H2	0.31	2	10	0.0034	246	0.93	527	0.54	0.43				
L7	1.8	18	59	1062	6000	285	2	H4	0.44	2	8	0.0061	332	0.86	494	0.72	0.58				
L7	1.9	18	136	2448	6000	535	2	H3	0.31	2	8	0.0043	607	0.88	1138	0.59	0.47				
L7	1.11	18	106	1908	6000	353	2	H1	0.31	2	12	0.0029	375	0.94	887	0.50	0.40	7704	1494	0.19	0.37
L7	12.1	18	107	1926	6000	369	2	H1	0.31	2	12	0.0029	378	0.98	895	0.51	0.41				
L7	12.2	18	135	2430	6000	545	2	H3	0.31	2	8	0.0043	603	0.90	1129	0.60	0.48				
L7	12.3	18	60	1080	6000	292	2	H4	0.44	2	8	0.0061	338	0.86	502	0.73	0.58				
L7	12.4	18	62	1116	6000	229	2	H2	0.31	2	10	0.0034	242	0.95	519	0.55	0.44				
L7	12.5	18	64	1152	6000	93	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17	7704	1527	0.20	0.37
L7	12.6	18	64	1152	6000	92	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17				
L7	12.7	18	63	1134	6000	230	2	H2	0.31	2	10	0.0034	246	0.94	527	0.55	0.44				
L7	12.8	18	59	1062	6000	287	2	H4	0.44	2	8	0.0061	332	0.87	494	0.73	0.58				
L7	12.9	18	136	2448	6000	543	2	H3	0.31	2	8	0.0043	607	0.90	1138	0.60	0.48				
L7	12.1	18	106	1908	6000	358	2	H1	0.31	2	12	0.0029	375	0.96	887	0.51	0.40	7704	1512	0.20	0.37
L7	A-1	18	107	1926	6000	338	2	H1	0.31	2	12	0.0029	378	0.89	895	0.47	0.38				
L7	A-2	18	135	2430	6000	516	2	H2	0.31	2	10	0.0034	527	0.98	1129	0.57	0.46				
L7	A-3	18	60	1080	6000	296	2	H4	0.44	2	8	0.0061	338	0.88	502	0.74	0.59				
L7	A-4	18	62	1116	6000	263	2	H3	0.31	2	8	0.0043	277	0.95	519	0.63	0.51				
L7	A-5	18	64	1152	6000	101	2	H1	0.31	2	12	0.0029	226	0.45	535	0.24	0.19	7704	1514	0.20	0.37
L7	A-6	18	64	1152	6000	88	2	H1	0.31	2	12	0.0029	226	0.39	535	0.20	0.16				
L7	A-7	18	63	1134	6000	219	2	H1	0.31	2	12	0.0029	223	0.98	527	0.52	0.41				
L7	A-8	18	59	1062	6000	272	2	H4	0.44	2	8	0.0061	332	0.82	494	0.69	0.55				
L7	A-9	18	136	2448	6000	511	2	H2	0.31	2	10	0.0034	531	0.96	1138	0.56	0.45				
L7	A-10	18	106	1908	6000	334	2	H1	0.31	2	12	0.0029	375	0.89	887	0.47	0.38	7704	1424	0.18	0.37
L7	P-1	18	107	1926	6000	350	2	H1	0.31	2	12	0.0029	378	0.93	895	0.49	0.39				
L7	P-2	18	135	2430	6000	553	2	H3	0.31	2	8	0.0043	603	0.92	1129	0.61	0.49				
L7	P-3	18	60	1080	6000	367	2	H5	0.44	2	6	0.0081	417	0.88	502	0.91	0.73				
L7	P-4	18	62	1116	6000	213	2	H1	0.31	2	12	0.0029	219	0.97	519	0.51	0.41				
L7	P-5	18	64	1152	6000	91	2	H1	0.31	2	12	0.0029	226	0.40	535	0.21	0.17	7704	1574	0.20	0.37
L7	P-6	18	64	1152	6000	92	2	H1	0.31	2	12	0.0029	226	0.40	535	0.21	0.17				
L7	P-7	18	63	1134	6000	233	2	H2	0.31	2	10	0.0034	246	0.95	527	0.55	0.44				
L7	P-8	18	59	1062	6000	294	2	H4	0.44	2	8	0.0061	332	0.88	494	0.74	0.60				
L7	P-9	18	136	2448	6000	554	2	H3	0.31	2	8	0.0043	607	0.91	1138	0.61	0.49				
L7	P-10	18	106	1908	6000	372	2	H1	0.31	2	12	0.0029	375	0.99	887	0.52	0.42	7704	1544	0.20	0.37
L6	1.1	18	107	1926	6000	393	2	H2	0.31	2	10	0.0034	418	0.94	895	0.55	0.44				
L6	1.2	18	135	2430	6000	578	2	H3	0.31	2	8	0.0043	603	0.96	1129	0.64	0.51				
L6	1.3	18	60	1080	6000	323	2	H4	0.44	2	8	0.0061	338	0.96	502	0.80	0.64				
L6	1.4	18	62	1116	6000	248	2	H3	0.31	2	8	0.0043	277	0.90	519	0.60	0.48				
L6	1.5	18	64	1152	6000	103	2	H1	0.31	2	12	0.0029	226	0.46	535	0.24	0.19	7704	1646	0.21	0.37
L6	1.6	18	64	1152	6000	102	2	H1	0.31	2	12	0.0029	226	0.45	535	0.24	0.19				
L6	1.7	18	63	1134	6000	247	2	H3	0.31	2	8	0.0043	281	0.88	527	0.58	0.47				

Hall of Justice

Concrete Shear Wall Shear Design

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$

Level	ETABS Pier	t {in}	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	Tupe	As {in}^2	#rows	s {in}	Rho	ΦVn {kips}	Vu/ ΦVn	Φ10A*f'c^.5 {kips}	Vu/ Φ8A*f'c^.5	Vu/ Φ10A*f'c^.5	Line Sum Acv {in^2}	Line Sum Vu {kips}	Vu/ Acv {ksi}	Φ8*f'c^.5 {ksi}
L6	1.8	18	59	1062	6000	313	2	H4	0.44	2	8	0.0061	332	0.94	494	0.79	0.63				
L6	1.9	18	136	2448	6000	566	2	H3	0.31	2	8	0.0043	607	0.93	1138	0.62	0.50				
L6	1.11	18	106	1908	6000	383	2	H2	0.31	2	10	0.0034	414	0.92	887	0.54	0.43	7704	1611	0.21	0.37
L6	12.1	18	107	1926	6000	398	2	H2	0.31	2	10	0.0034	418	0.95	895	0.56	0.45				
L6	12.2	18	135	2430	6000	575	2	H3	0.31	2	8	0.0043	603	0.95	1129	0.64	0.51				
L6	12.3	18	60	1080	6000	318	2	H4	0.44	2	8	0.0061	338	0.94	502	0.79	0.63				
L6	12.4	18	62	1116	6000	244	2	H3	0.31	2	8	0.0043	277	0.88	519	0.59	0.47				
L6	12.5	18	64	1152	6000	102	2	H1	0.31	2	12	0.0029	226	0.45	535	0.24	0.19	7704	1638	0.21	0.37
L6	12.6	18	64	1152	6000	102	2	H1	0.31	2	12	0.0029	226	0.45	535	0.24	0.19				
L6	12.7	18	63	1134	6000	245	2	H3	0.31	2	8	0.0043	281	0.87	527	0.58	0.47				
L6	12.8	18	59	1062	6000	314	2	H4	0.44	2	8	0.0061	332	0.95	494	0.80	0.64				
L6	12.9	18	136	2448	6000	575	2	H3	0.31	2	8	0.0043	607	0.95	1138	0.63	0.50				
L6	12.1	18	106	1908	6000	387	2	H2	0.31	2	10	0.0034	414	0.94	887	0.55	0.44	7704	1623	0.21	0.37
L6	A-1	18	107	1926	6000	369	2	H1	0.31	2	12	0.0029	378	0.98	895	0.52	0.41				
L6	A-2	18	135	2430	6000	554	2	H3	0.31	2	8	0.0043	603	0.92	1129	0.61	0.49				
L6	A-3	18	60	1080	6000	328	2	H4	0.44	2	8	0.0061	338	0.97	502	0.82	0.65				
L6	A-4	18	62	1116	6000	264	2	H3	0.31	2	8	0.0043	277	0.95	519	0.64	0.51				
L6	A-5	18	64	1152	6000	122	2	H1	0.31	2	12	0.0029	226	0.54	535	0.28	0.23	7704	1636	0.21	0.37
L6	A-6	18	64	1152	6000	97	2	H1	0.31	2	12	0.0029	226	0.43	535	0.23	0.18				
L6	A-7	18	63	1134	6000	236	2	H3	0.31	2	8	0.0043	281	0.84	527	0.56	0.45				
L6	A-8	18	59	1062	6000	301	2	H4	0.44	2	8	0.0061	332	0.91	494	0.76	0.61				
L6	A-9	18	136	2448	6000	544	2	H3	0.31	2	8	0.0043	607	0.90	1138	0.60	0.48				
L6	A-10	18	106	1908	6000	366	2	H1	0.31	2	12	0.0029	375	0.98	887	0.52	0.41	7704	1545	0.20	0.37
L6	P-1	18	107	1926	6000	381	2	H2	0.31	2	10	0.0034	418	0.91	895	0.53	0.43				
L6	P-2	18	135	2430	6000	577	2	H3	0.31	2	8	0.0043	603	0.96	1129	0.64	0.51				
L6	P-3	18	60	1080	6000	374	2	H5	0.44	2	6	0.0081	417	0.90	502	0.93	0.75				
L6	P-4	18	62	1116	6000	304	2	H4	0.44	2	8	0.0061	349	0.87	519	0.73	0.59				
L6	P-5	18	64	1152	6000	95	2	H1	0.31	2	12	0.0029	226	0.42	535	0.22	0.18	7704	1732	0.22	0.37
L6	P-6	18	64	1152	6000	99	2	H1	0.31	2	12	0.0029	226	0.44	535	0.23	0.19				
L6	P-7	18	63	1134	6000	243	2	H3	0.31	2	8	0.0043	281	0.86	527	0.58	0.46				
L6	P-8	18	59	1062	6000	314	2	H5	0.44	2	6	0.0081	410	0.77	494	0.80	0.64				
L6	P-9	18	136	2448	6000	583	2	H3	0.31	2	8	0.0043	607	0.96	1138	0.64	0.51				
L6	P-10	18	106	1908	6000	401	2	H2	0.31	2	10	0.0034	414	0.97	887	0.57	0.45	7704	1640	0.21	0.37
L5	1.1	18	107	1926	6000	487	2	H4	0.44	2	8	0.0061	603	0.81	895	0.68	0.54				
L5	1.2	18	135	2430	6000	711	2	H4	0.44	2	8	0.0061	760	0.93	1129	0.79	0.63				
L5	1.3	18	60	1080	6000	271	2	H4	0.44	2	8	0.0061	338	0.80	502	0.67	0.54				
L5	1.4	18	62	1116	6000	213	2	H1	0.31	2	12	0.0029	219	0.97	519	0.51	0.41				
L5	1.5	18	64	1152	6000	98	2	H1	0.31	2	12	0.0029	226	0.43	535	0.23	0.18	7704	1779	0.23	0.37
L5	1.6	18	64	1152	6000	96	2	H1	0.31	2	12	0.0029	226	0.42	535	0.22	0.18				
L5	1.7	18	63	1134	6000	213	2	H1	0.31	2	12	0.0029	223	0.95	527	0.50	0.40				
L5	1.8	18	59	1062	6000	259	2	H4	0.44	2	8	0.0061	332	0.78	494	0.66	0.52				
L5	1.9	18	136	2448	6000	684	2	H4	0.44	2	8	0.0061	766	0.89	1138	0.75	0.60				
L5	1.11	18	106	1908	6000	467	2	H4	0.44	2	8	0.0061	597	0.78	887	0.66	0.53	7704	1719	0.22	0.37
L5	12.1	18	107	1926	6000	494	2	H4	0.44	2	8	0.0061	603	0.82	895	0.69	0.55				
L5	12.2	18	135	2430	6000	696	2	H4	0.44	2	8	0.0061	760	0.92	1129	0.77	0.62				
L5	12.3	18	60	1080	6000	262	2	H4	0.44	2	8	0.0061	338	0.78	502	0.65	0.52				
L5	12.4	18	62	1116	6000	206	2	H1	0.31	2	12	0.0029	219	0.94	519	0.50	0.40				
L5	12.5	18	64	1152	6000	93	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17	7704	1752	0.23	0.37
L5	12.6	18	64	1152	6000	93	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17				
L5	12.7	18	63	1134	6000	209	2	H1	0.31	2	12	0.0029	223	0.94	527	0.50	0.40				
L5	12.8	18	59	1062	6000	257	2	H4	0.44	2	8	0.0061	332	0.77	494	0.65	0.52				
L5	12.9	18	136	2448	6000	698	2	H4	0.44	2	8	0.0061	766	0.91	1138	0.77	0.61				
L5	12.1	18	106	1908	6000	484	2	H4	0.44	2	8	0.0061	597	0.81	887	0.68	0.55	7704	1741	0.23	0.37
L5	A-1	18	107	1926	6000	462	2	H3	0.31	2	8	0.0043	478	0.97	895	0.65	0.52				
L5	A-2	18	135	2430	6000	672	2	H4	0.44	2	8	0.0061	760	0.88	1129	0.74	0.59				
L5	A-3	18	60	1080	6000	275	2	H4	0.44	2	8	0.0061	338	0.81	502	0.68	0.55				
L5	A-4	18	62	1116	6000	247	2	H3	0.31	2	8	0.0043	277	0.89	519	0.60	0.48				
L5	A-5	18	64	1152	6000	99	2	H1	0.31	2	12	0.0029	226	0.44	535	0.23	0.18	7704	1755	0.23	0.37
L5	A-6	18	64	1152	6000	93	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17				
L5	A-7	18	63	1134	6000	204	2	H3	0.31	2	8	0.0043	281	0.73	527	0.48	0.39				
L5	A-8	18	59	1062	6000	248	2	H4	0.44	2	8	0.0061	332	0.75	494	0.63	0.50				
L5	A-9	18	136	2448	6000	676	2	H4	0.44	2	8	0.0061	766	0.88	1138	0.74	0.59				
L5	A-10	18	106	1908	6000	458	2	H3	0.31	2	8	0.0043	473	0.97	887	0.65	0.52	7704	1679	0.22	0.37
L5	P-1	18	107	1926	6000	482	2	H4	0.44	2	8	0.0061	603	0.80	895	0.67	0.54				
L5	P-2	18	135	2430	6000	704	2	H4	0.44	2	8	0.0061	760	0.93	1129	0.78	0.62				
L5	P-3	18	60	1080	6000	288	2	H4	0.44	2	8	0.0061	338	0.85	502	0.72	0.57				
L5	P-4	18	62	1116	6000	226	2	H2	0.31	2	10	0.0034	242	0.94	519	0.55	0.44				

Hall of Justice

Concrete Shear Wall Shear Design

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$

Level	ETABS Pier	t {in}	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	Tupe	As {in}^2	#rows	s {in}	Rho	ΦVn {kips}	Vu/ ΦVn	Φ10A*f'c^.5 {kips}	Vu/ Φ8A*f'c^.5	Vu/ Φ10A*f'c^.5	Line Sum Acv {in^2}	Vu {kips}	Vu/ Acv {ksi}	Φ8*f'c^.5 {ksi}
L5	P-5	18	64	1152	6000	101	2	H1	0.31	2	12	0.0029	226	0.45	535	0.24	0.19	7704	1803	0.23	0.37
L5	P-6	18	64	1152	6000	91	2	H1	0.31	2	12	0.0029	226	0.40	535	0.21	0.17				
L5	P-7	18	63	1134	6000	203	2	H1	0.31	2	12	0.0029	223	0.91	527	0.48	0.39				
L5	P-8	18	59	1062	6000	255	2	H3	0.31	2	8	0.0043	263	0.97	494	0.65	0.52				
L5	P-9	18	136	2448	6000	726	2	H4	0.44	2	8	0.0061	766	0.95	1138	0.80	0.64				
L5	P-10	18	106	1908	6000	515	2	H4	0.44	2	8	0.0061	597	0.86	887	0.73	0.58	7704	1790	0.23	0.37
L4	1.1	18	107	1926	6000	459	2	H3	0.31	2	8	0.0043	478	0.96	895	0.64	0.51				
L4	1.2	18	135	2430	6000	680	2	H4	0.44	2	8	0.0061	760	0.89	1129	0.75	0.60				
L4	1.3	18	60	1080	6000	428	2	H6	0.44	2	4	0.0122	576	0.74	502	1.06	0.85				
L4	1.4	18	62	1116	6000	316	2	H4	0.44	2	8	0.0061	349	0.90	519	0.76	0.61				
L4	1.5	18	64	1152	6000	114	2	H1	0.31	2	12	0.0029	226	0.50	535	0.27	0.21	7704	1996	0.26	0.37
L4	1.6	18	64	1152	6000	110	2	H1	0.31	2	12	0.0029	226	0.49	535	0.26	0.21				
L4	1.7	18	63	1134	6000	311	2	H4	0.44	2	8	0.0061	355	0.88	527	0.74	0.59				
L4	1.8	18	59	1062	6000	406	2	H5	0.44	2	6	0.0081	410	0.99	494	1.03	0.82				
L4	1.9	18	136	2448	6000	603	2	H3	0.31	2	8	0.0043	607	0.99	1138	0.66	0.53				
L4	1.11	18	106	1908	6000	393	2	H3	0.31	2	8	0.0043	473	0.83	887	0.55	0.44	7704	1823	0.24	0.37
L4	12.1	18	107	1926	6000	422	2	H3	0.31	2	8	0.0043	478	0.88	895	0.59	0.47				
L4	12.2	18	135	2430	6000	671	2	H4	0.44	2	8	0.0061	760	0.88	1129	0.74	0.59				
L4	12.3	18	60	1080	6000	385	2	H5	0.44	2	6	0.0081	417	0.92	502	0.96	0.77				
L4	12.4	18	62	1116	6000	278	2	H4	0.44	2	8	0.0061	349	0.80	519	0.67	0.54				
L4	12.5	18	64	1152	6000	115	2	H1	0.31	2	12	0.0029	226	0.51	535	0.27	0.22	7704	1872	0.24	0.37
L4	12.6	18	64	1152	6000	112	2	H1	0.31	2	12	0.0029	226	0.49	535	0.26	0.21				
L4	12.7	18	63	1134	6000	281	2	H4	0.44	2	8	0.0061	355	0.79	527	0.67	0.53				
L4	12.8	18	59	1062	6000	381	2	H5	0.44	2	6	0.0081	410	0.93	494	0.96	0.77				
L4	12.9	18	136	2448	6000	672	2	H4	0.44	2	8	0.0061	766	0.88	1138	0.74	0.59				
L4	12.1	18	106	1908	6000	419	2	H3	0.31	2	8	0.0043	473	0.89	887	0.59	0.47	7704	1865	0.24	0.37
L4	A-1	18	107	1926	6000	370	2	H2	0.31	2	10	0.0034	418	0.88	895	0.52	0.41				
L4	A-2	18	135	2430	6000	612	2	H4	0.44	2	8	0.0061	760	0.81	1129	0.68	0.54				
L4	A-3	18	60	1080	6000	395	2	H5	0.44	2	6	0.0081	417	0.95	502	0.98	0.79				
L4	A-4	18	62	1116	6000	371	2	H5	0.44	2	6	0.0081	431	0.86	519	0.89	0.72				
L4	A-5	18	64	1152	6000	369	2	H5	0.44	2	6	0.0081	445	0.83	535	0.86	0.69				
L4	A-6	18	64	1152	6000	97	2	H1	0.31	2	12	0.0029	226	0.43	535	0.23	0.18				
L4	A-7	18	63	1134	6000	280	2	H3	0.31	2	8	0.0043	281	1.00	527	0.66	0.53				
L4	A-8	18	59	1062	6000	371	2	H5	0.44	2	6	0.0081	410	0.91	494	0.94	0.75				
L4	A-9	18	136	2448	6000	568	2	H4	0.44	2	8	0.0061	766	0.74	1138	0.62	0.50				
L4	A-10	18	106	1908	6000	372	2	H3	0.31	2	8	0.0043	473	0.79	887	0.52	0.42	7704	1687	0.22	0.37
L4	P-1	18	107	1926	6000	376	2	H1	0.31	2	12	0.0029	378	1.00	895	0.53	0.42				
L4	P-2	18	135	2430	6000	650	2	H4	0.44	2	8	0.0061	760	0.85	1129	0.72	0.58				
L4	P-3	18	60	1080	6000	407	2	H5	0.44	2	6	0.0081	417	0.98	502	1.01	0.81				
L4	P-4	18	62	1116	6000	299	2	H4	0.44	2	8	0.0061	349	0.86	519	0.72	0.58				
L4	P-5	18	64	1152	6000	117	2	H1	0.31	2	12	0.0029	226	0.52	535	0.27	0.22	7704	1848	0.24	0.37
L4	P-6	18	64	1152	6000	101	2	H1	0.31	2	12	0.0029	226	0.45	535	0.24	0.19				
L4	P-7	18	63	1134	6000	264	2	H3	0.31	2	8	0.0043	281	0.94	527	0.63	0.50				
L4	P-8	18	59	1062	6000	354	2	H5	0.44	2	6	0.0081	410	0.86	494	0.90	0.72				
L4	P-9	18	136	2448	6000	750	2	H4	0.44	2	8	0.0061	766	0.98	1138	0.82	0.66				
L4	P-10	18	106	1908	6000	543	2	H4	0.44	2	8	0.0061	597	0.91	887	0.77	0.61	7704	2013	0.26	0.37
L3	1.1	18	107	1926	6000	582	2	H4	0.44	2	8	0.0061	603	0.97	895	0.81	0.65				
L3	1.2	18	135	2430	6000	1062	2	H6	0.44	2	4	0.0122	1295	0.82	1129	1.18	0.94				
L3	1.3	18	60	1080	6000	352	2	H5	0.44	2	6	0.0081	417	0.84	502	0.88	0.70				
L3	1.4	18	62	1116	6000	337	2	H4	0.44	2	8	0.0061	349	0.97	519	0.81	0.65				
L3	1.5	18	64	1152	6000	216	2	H1	0.31	2	12	0.0029	226	0.96	535	0.51	0.40	7704	2550	0.33	0.37
L3	1.6	18	64	1152	6000	227	2	H2	0.31	2	10	0.0034	250	0.91	535	0.53	0.42				
L3	1.7	18	63	1134	6000	350	2	H4	0.44	2	8	0.0061	355	0.99	527	0.83	0.66				
L3	1.8	18	59	1062	6000	337	2	H5	0.44	2	6	0.0081	410	0.82	494	0.85	0.68				
L3	1.9	18	136	2448	6000	1003	2	H6	0.44	2	4	0.0122	1305	0.77	1138	1.10	0.88				
L3	1.11	18	106	1908	6000	512	2	H4	0.44	2	8	0.0061	597	0.86	887	0.72	0.58	7704	2430	0.32	0.37
L3	12.1	18	107	1926	6000	475	2	H3	0.31	2	8	0.0043	478	0.99	895	0.66	0.53				
L3	12.2	18	135	2430	6000	699	2	H4	0.44	2	8	0.0061	760	0.92	1129	0.77	0.62				
L3	12.3	18	60	1080	6000	261	2	H4	0.44	2	8	0.0061	338	0.77	502	0.65	0.52				
L3	12.4	18	62	1116	6000	207	2	H4	0.44	2	8	0.0061	349	0.59	519	0.50	0.40				
L3	12.5	18	64	1152	6000	100	2	H1	0.31	2	12	0.0029	226	0.44	535	0.23	0.19	7704	1742	0.23	0.37
L3	12.6	18	64	1152	6000	92	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17				
L3	12.7	18	63	1134	6000	206	2	H4	0.44	2	8	0.0061	355	0.58	527	0.49	0.39				
L3	12.8	18	59	1062	6000	257	2	H4	0.44	2	8	0.0061	332	0.77	494	0.65	0.52				
L3	12.9	18	136	2448	6000	707	2	H4	0.44	2	8	0.0061	766	0.92	1138	0.78	0.62				
L3	12.1	18	106	1908	6000	477	2	H4	0.44	2	8	0.0061	597	0.80	887	0.67	0.54	7704	1739	0.23	0.37
L3	A-1	18	107	1926	6000	364	2	H1	0.31	2	12	0.0029	378	0.96	895	0.51	0.41				

Hall of Justice

Concrete Shear Wall Shear Design

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$

Level	ETABS Pier	t {in}	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	Tupe	As {in}^2	#rows	s {in}	Rho	ΦVn {kips}	Vu/ ΦVn	Φ10A*f'c^.5 {kips}	Vu/ Φ8A*f'c^.5	Vu/ Φ10A*f'c^.5	Line Sum Acv {in^2}	Line Sum Vu {kips}	Vu/ Acv {ksi}	Φ8*f'c^.5 {ksi}
L3	A-2	18	135	2430	6000	540	2	H3	0.31	2	8	0.0043	603	0.90	1129	0.60	0.48				
L3	A-3	18	60	1080	6000	234	2	H3	0.31	2	8	0.0043	268	0.87	502	0.58	0.47				
L3	A-4	18	62	1116	6000	244	2	H3	0.31	2	8	0.0043	277	0.88	519	0.59	0.47				
L3	A-5	18	64	1152	6000	422	2	H5	0.44	2	6	0.0081	445	0.95	535	0.99	0.79				
L3	A-5.1	18	64	1152	6000	554	2	H6	0.44	2	4	0.0122	614	0.90	535	1.29	1.04				
L3	A-5.2	18	51	918	6000	203	2	H3	0.31	2	8	0.0043	228	0.89	427	0.59	0.48	9774	2561	0.26	0.37
L3	A-6	18	64	1152	6000	199	2	H1	0.31	2	12	0.0029	226	0.88	535	0.46	0.37				
L3	A-7	18	63	1134	6000	312	2	H4	0.44	2	8	0.0061	355	0.88	527	0.74	0.59				
L3	A-8	18	59	1062	6000	304	2	H4	0.44	2	8	0.0061	332	0.91	494	0.77	0.62				
L3	A-9	18	136	2448	6000	922	2	H5	0.44	2	6	0.0081	946	0.97	1138	1.01	0.81				
L3	A-10	18	106	1908	6000	483	2	H4	0.44	2	8	0.0061	597	0.81	887	0.68	0.55	7704	2220	0.29	0.37
L3	P-1	18	107	1926	6000	586	2	H4	0.44	2	8	0.0061	603	0.97	895	0.82	0.65				
L3	P-2	18	135	2430	6000	807	2	H5	0.44	2	6	0.0081	939	0.86	1129	0.89	0.71				
L3	P-3	18	60	1080	6000	295	2	H4	0.44	2	8	0.0061	338	0.87	502	0.74	0.59				
L3	P-4	18	62	1116	6000	217	2	H2	0.31	2	10	0.0034	242	0.90	519	0.52	0.42				
L3	P-5	18	64	1152	6000	119	2	H1	0.31	2	12	0.0029	226	0.53	535	0.28	0.22	7704	2025	0.26	0.37
L3	P-6	18	64	1152	6000	118	2	H1	0.31	2	12	0.0029	226	0.52	535	0.27	0.22				
L3	P-7	18	63	1134	6000	233	2	H2	0.31	2	10	0.0034	246	0.95	527	0.55	0.44				
L3	P-8	18	59	1062	6000	268	2	H4	0.44	2	8	0.0061	332	0.81	494	0.68	0.54				
L3	P-9	18	136	2448	6000	546	2	H3	0.31	2	8	0.0043	607	0.90	1138	0.60	0.48				
L3	P-10	18	106	1908	6000	453	2	H3	0.31	2	8	0.0043	473	0.96	887	0.64	0.51	7704	1618	0.21	0.37
L2	12.1	18	107	1926	6000	437	2	H3	0.31	2	8	0.0043	478	0.91	895	0.61	0.49				
L2	12.2	18	135	2430	6000	671	2	H4	0.44	2	8	0.0061	760	0.88	1129	0.74	0.59				
L2	12.3	18	60	1080	6000	355	2	H5	0.44	2	6	0.0081	417	0.85	502	0.88	0.71				
L2	12.4	18	62	1116	6000	300	2	H4	0.44	2	8	0.0061	349	0.86	519	0.72	0.58				
L2	12.5	18	64	1152	6000	138	2	H1	0.31	2	12	0.0029	226	0.61	535	0.32	0.26	7704	1901	0.25	0.37
L2	12.6	18	64	1152	6000	125	2	H1	0.31	2	12	0.0029	226	0.55	535	0.29	0.23				
L2	12.7	18	63	1134	6000	291	2	H4	0.44	2	8	0.0061	355	0.82	527	0.69	0.55				
L2	12.8	18	59	1062	6000	340	2	H5	0.44	2	6	0.0081	410	0.83	494	0.86	0.69				
L2	12.9	18	136	2448	6000	658	2	H4	0.44	2	8	0.0061	766	0.86	1138	0.72	0.58				
L2	12.1	18	106	1908	6000	434	2	H3	0.31	2	8	0.0043	473	0.92	887	0.61	0.49	7704	1848	0.24	0.37
L2	A-1	18	107	1926	6000	304	2	H1	0.31	2	12	0.0029	378	0.80	895	0.42	0.34				
L2	A-2	18	135	2430	6000	498	2	H2	0.31	2	10	0.0034	527	0.94	1129	0.55	0.44				
L2	A-3	18	60	1080	6000	271	2	H4	0.44	2	8	0.0061	338	0.80	502	0.68	0.54				
L2	A-4	18	62	1116	6000	269	2	H3	0.31	2	8	0.0043	277	0.97	519	0.65	0.52				
L2	A-5	18	64	1152	6000	322	2	H4	0.44	2	8	0.0061	361	0.89	535	0.75	0.60				
L2	A-5.1	18	80	1440	6000	340	2	H3	0.31	2	8	0.0043	357	0.95	669	0.64	0.51				
L2	A-5.2	18	48	864	6000	182	2	H2	0.31	2	10	0.0034	187	0.97	402	0.57	0.45	10008	2187	0.22	0.37
L2	P-1	18	107	1926	6000	629	2	H5	0.44	2	6	0.0081	744	0.85	895	0.88	0.70				
L2	P-2	18	127	2286	6000	809	2	H5	0.44	2	6	0.0081	883	0.92	1062	0.95	0.76				
L2	P-3	18	54	972	6000	411	2	H6	0.44	2	4	0.0122	518	0.79	452	1.14	0.91				
L2	P-4	18	54	972	6000	266	2	H4	0.44	2	8	0.0061	304	0.87	452	0.74	0.59				
L2	P-5	18	56	1008	6000	216	2	H2	0.31	2	10	0.0034	219	0.99	468	0.58	0.46	7164	2332	0.33	0.37
L2	P-6	18	64	1152	6000	226	2	H1	0.31	2	12	0.0029	226	1.00	535	0.53	0.42				
L2	P-7	18	63	1134	6000	432	2	H5	0.44	2	6	0.0081	438	0.99	527	1.03	0.82				
L2	P-8	18	59	1062	6000	401	2	H5	0.44	2	6	0.0081	410	0.98	494	1.01	0.81				
L2	P-9	18	121	2178	6000	733	2	H5	0.44	2	6	0.0081	841	0.87	1012	0.90	0.72				
L2	P-10	18	43	774	6000	119	2	H1	0.31	2	12	0.0029	152	0.78	360	0.41	0.33	6300	1910	0.30	0.37
(E) Bsmt Wall (No shotcrete) 42ksi rebar																					
L1	12.3	36	738	26568	3200	364	2		0.563	1	12	0.0013	2675	0.14	9017	0.05	0.04				

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Shotcrete (N)+(E) Shear Wall Shear Design

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$ (N) 18" wall + (E) 36" wall

Level	ETABS Pier	t {in}	Design Force t {in}	Ratio	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	As {in}^2	#rows	s {in}	Rho	fy {ksi}	ΦVn {kips}	Vu/ ΦVn	ΦA*f'c^.5 {kips}	Vu/ ΦA*f'c^.5	Vu/ ΦA*f'c^.5
(N) 18" Wall																			
L2	1.1	28	18	0.64	706	12708	6000	1290	2	0.31	2	12	0.0029	60	2494	0.52	5906	0.27	0.22
L2	1.2	28	18	0.64	115	2070	6000	407	2	0.31	2	12	0.0029	60	406	1.00	962	0.53	0.42
L2	1.3	28	18	0.64	1033	18594	6000	899	2	0.31	2	12	0.0029	60	3650	0.25	8642	0.13	0.10
L2	1.4	28	18	0.64	706	12708	6000	1049	2	0.31	2	12	0.0029	60	2494	0.42	5906	0.22	0.18
L2	A-6	28	18	0.64	496	8928	6000	1116	2	0.31	2	12	0.0029	60	1752	0.64	4149	0.34	0.27
L2	A-7	28	18	0.64	706	12708	6000	1217	2	0.31	2	12	0.0029	60	2494	0.49	5906	0.26	0.21
L1	1.1	28	18	0.64	706	12708	6000	2527	2	0.31	2	12	0.0029	60	2494	1.01	5906	0.53	0.43
L1	1.3	28	18	0.64	1256	22608	6000	1694	2	0.31	2	12	0.0029	60	4438	0.38	10507	0.20	0.16
L1	1.4	28	18	0.64	706	12708	6000	1383	2	0.31	2	12	0.0029	60	2494	0.55	5906	0.29	0.23
L1	12.1	28	18	0.64	706	12708	6000	1352	2	0.31	2	12	0.0029	60	2494	0.54	5906	0.29	0.23
L1	12.3	36	18	0.64	738	13284	6000	233	2	0.31	2	12	0.0029	60	2607	0.09	6174	0.05	0.04
L1	A-1	28	18	0.64	938	16884	6000	1615	2	0.31	2	12	0.0029	60	3314	0.49	7847	0.26	0.21
L1	A-6	28	18	0.64	496	8928	6000	1296	2	0.31	2	12	0.0029	60	1752	0.74	4149	0.39	0.31
L1	A-7	28	18	0.64	706	12708	6000	2599	2	0.31	2	12	0.0029	60	2494	1.04	5906	0.55	0.44
L1	P-1	28	18	0.64	706	12708	6000	1652	2	0.31	2	12	0.0029	60	2494	0.66	5906	0.35	0.28
L1	P-2	28	18	0.64	728	13104	6000	822	2	0.31	2	12	0.0029	60	2572	0.32	6090	0.17	0.13
L1	P-3	28	18	0.64	706	12708	6000	2144	2	0.31	2	12	0.0029	60	2494	0.86	5906	0.45	0.36
(E) 36" Wall																			
L2	1.1	28	36	0.36	706	25416	3200	725	2	0.563	1	12	0.0013	42	2559	0.28	8626	0.11	0.08
L2	1.2	28	36	0.36	115	4140	3200	229	2	0.563	1	12	0.0013	42	417	0.55	1405	0.20	0.16
L2	1.3	28	36	0.36	1033	37188	3200	505	2	0.563	1	12	0.0013	42	3745	0.13	12622	0.05	0.04
L2	1.4	28	36	0.36	706	25416	3200	590	2	0.563	1	12	0.0013	42	2559	0.23	8626	0.09	0.07
L2	A-6	28	36	0.36	496	17856	3200	628	2	0.563	1	12	0.0013	42	1798	0.35	6061	0.13	0.10
L2	A-7	28	36	0.36	706	25416	3200	684	2	0.563	1	12	0.0013	42	2559	0.27	8626	0.10	0.08
L1	1.1	28	36	0.36	706	25416	3200	1421	2	0.563	1	12	0.0013	42	2559	0.56	8626	0.21	0.16
L1	1.3	28	36	0.36	1256	45216	3200	953	2	0.563	1	12	0.0013	42	4553	0.21	15347	0.08	0.06
L1	1.4	28	36	0.36	706	25416	3200	778	2	0.563	1	12	0.0013	42	2559	0.30	8626	0.11	0.09
L1	12.1	28	36	0.36	706	25416	3200	761	2	0.563	1	12	0.0013	42	2559	0.30	8626	0.11	0.09
L1	12.3	36	36	0.36	738	26568	3200	131	2	0.563	1	12	0.0013	42	2675	0.05	9017	0.02	0.01
L1	A-1	28	36	0.36	938	33768	3200	908	2	0.563	1	12	0.0013	42	3400	0.27	11461	0.10	0.08
L1	A-6	28	36	0.36	496	17856	3200	729	2	0.563	1	12	0.0013	42	1798	0.41	6061	0.15	0.12
L1	A-7	28	36	0.36	706	25416	3200	1462	2	0.563	1	12	0.0013	42	2559	0.57	8626	0.21	0.17
L1	P-1	28	36	0.36	706	25416	3200	929	2	0.563	1	12	0.0013	42	2559	0.36	8626	0.13	0.11
L1	P-2	28	36	0.36	728	26208	3200	462	2	0.563	1	12	0.0013	42	2639	0.18	8895	0.06	0.05
L1	P-3	28	36	0.36	706	25416	3200	1206	2	0.563	1	12	0.0013	42	2559	0.47	8626	0.17	0.14

Hall of Justice
Shotcrete Wall Properties for ETABS Model

Equivalent wall thickness based on (N) concrete E.

Wall	(N) Wall E {ksi}	t {in}	(E) Wall E {ksi}	t {in}	W {pcf}	Equivalent Conc E {ksi}	t {in}	Force Dist. (E)	(N)
N18E36	4415	18	1249	36	150	4415	28.2	0.36	0.64

H: Shear Wall Pier Flexural Design

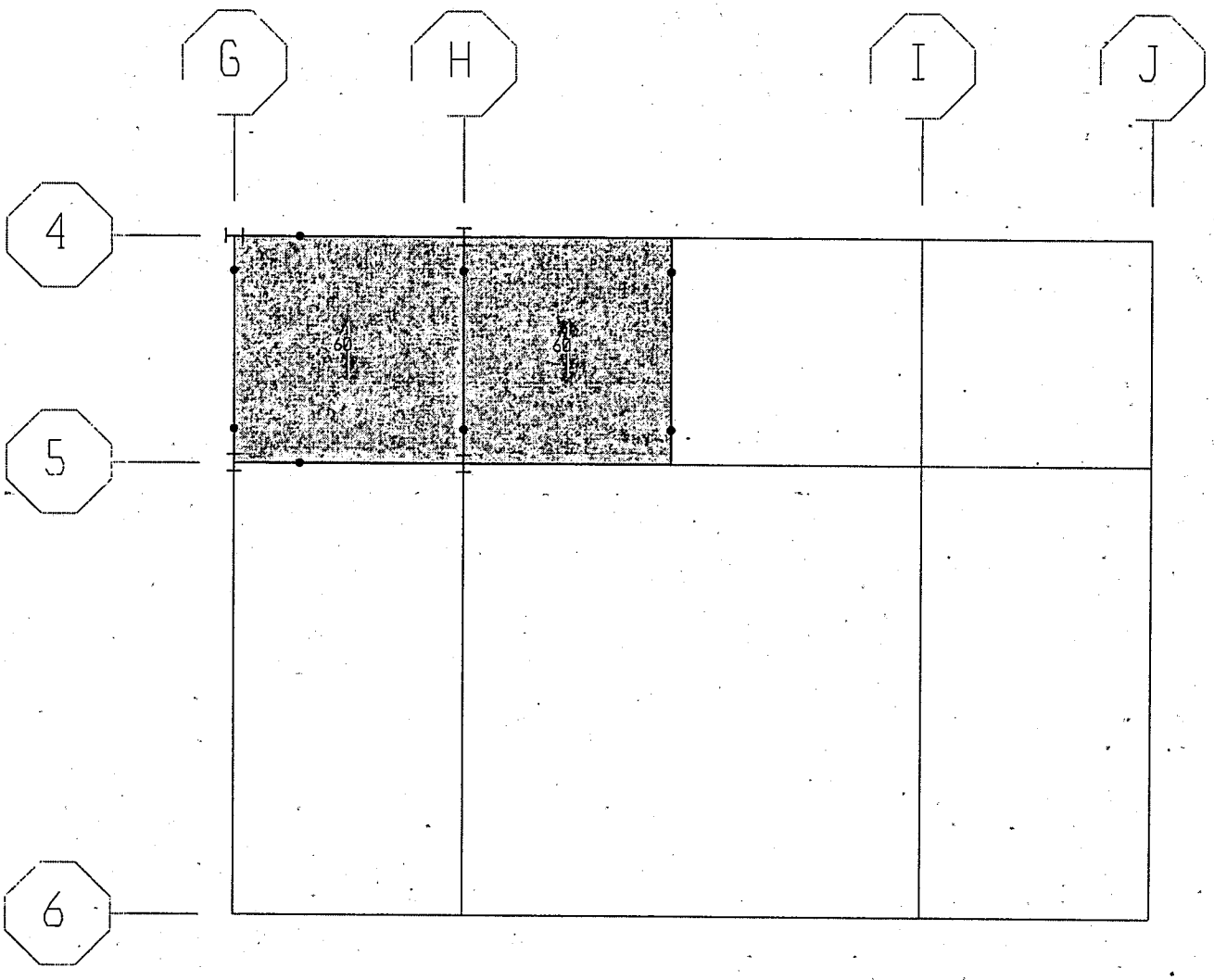
Hall of Justice

Concrete Shear Wall Shear Design

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

$\Phi Vn = .6Acv(\alpha_c * f'c^{.5} + Rho * fy)$

Level	ETABS Pier	t {in}	lw {in}	Acv {in^2}	f'c {psi}	Vu {kips}	α_c	Tupe	As {in}^2	#rows	s {in}	Rho	ΦVn {kips}	Vu/ ΦVn	Φ10A*f'c^.5 {kips}	Vu/ Φ8A*f'c^.5	Vu/ Φ10A*f'c^.5	Line Sum Acv {in^2}	Line Sum Vu {kips}	Vu/ Acv {ksi}	Φ8*f'c^.5 {ksi}
L10	P-3	18	38	684	6000	277	2	H6	0.44	2	4	0.0122	365	0.76	318	1.09	0.87				
L10	P-4	18	41	738	6000	311	2	H6	0.44	2	4	0.0122	393	0.79	343	1.13	0.91				
L10	P-5	18	64	1152	6000	243	2	H2	0.31	2	10	0.0034	250	0.97	535	0.57	0.45	6930	1388	0.20	0.37
L10	P-6	18	64	1152	6000	199	2	H1	0.31	2	12	0.0029	226	0.88	535	0.46	0.37				
L10	P-7	18	63	1134	6000	432	2	H5	0.44	2	6	0.0081	438	0.99	527	1.02	0.82				
L10	P-8	18	59	1062	6000	481	2	H6	0.44	2	4	0.0122	566	0.85	494	1.22	0.97				
L10	P-9	18	136	2448	6000	380	2	H1	0.31	2	12	0.0029	481	0.79	1138	0.42	0.33				
L10	P-10	18	106	1908	6000	234	2	H1	0.31	2	12	0.0029	375	0.62	887	0.33	0.26	7704	1725	0.22	0.37
L9	1.1	18	107	1926	6000	276	2	H1	0.31	2	12	0.0029	378	0.73	895	0.39	0.31				
L9	1.2	18	135	2430	6000	456	2	H1	0.31	2	12	0.0029	477	0.96	1129	0.50	0.40				
L9	1.3	18	60	1080	6000	245	2	H3	0.31	2	8	0.0043	268	0.92	502	0.61	0.49				
L9	1.4	18	62	1116	6000	201	2	H1	0.31	2	12	0.0029	219	0.92	519	0.49	0.39				
L9	1.5	18	64	1152	6000	81	2	H1	0.31	2	12	0.0029	226	0.36	535	0.19	0.15	7704	1259	0.16	0.37
L9	1.6	18	64	1152	6000	80	2	H1	0.31	2	12	0.0029	226	0.35	535	0.19	0.15				
L9	1.7	18	63	1134	6000	201	2	H1	0.31	2	12	0.0029	223	0.90	527	0.48	0.38				
L9	1.8	18	59	1062	6000	238	2	H3	0.31	2	8	0.0043	263	0.91	494	0.60	0.48				
L9	1.9	18	136	2448	6000	450	2	H1	0.31	2	12	0.0029	481	0.94	1138	0.49	0.40				
L9	1.11	18	106	1908	6000	270	2	H1	0.31	2	12	0.0029	375	0.72	887	0.38	0.30	7704	1239	0.16	0.37
L9	12.1	18	107	1926	6000	301	2	H1	0.31	2	12	0.0029	378	0.80	895	0.42	0.34				
L9	12.2	18	135	2430	6000	483	2	H2	0.31	2	10	0.0034	527	0.92	1129	0.53	0.43				
L9	12.3	18	60	1080	6000	255	2	H3	0.31	2	8	0.0043	268	0.95	502	0.64	0.51				
L9	12.4	18	62	1116	6000	209	2	H1	0.31	2	12	0.0029	219	0.96	519	0.50	0.40				
L9	12.5	18	64	1152	6000	84	2	H1	0.31	2	12	0.0029	226	0.37	535	0.20	0.16	7704	1333	0.17	0.37
L9	12.6	18	64	1152	6000	83	2	H1	0.31	2	12	0.0029	226	0.37	535	0.19	0.16				
L9	12.7	18	63	1134	6000	211	2	H1	0.31	2	12	0.0029	223	0.95	527	0.50	0.40				
L9	12.8	18	59	1062	6000	250	2	H3	0.31	2	8	0.0043	263	0.95	494	0.63	0.51				
L9	12.9	18	136	2448	6000	479	2	H1	0.31	2	12	0.0029	481	1.00	1138	0.53	0.42				
L9	12.1	18	106	1908	6000	291	2	H1	0.31	2	12	0.0029	375	0.78	887	0.41	0.33	7704	1314	0.17	0.37
L9	A-1	18	107	1926	6000	278	2	H1	0.31	2	12	0.0029	378	0.73	895	0.39	0.31				
L9	A-2	18	135	2430	6000	459	2	H1	0.31	2	12	0.0029	477	0.96	1129	0.51	0.41				
L9	A-3	18	60	1080	6000	244	2	H3	0.31	2	8	0.0043	268	0.91	502	0.61	0.49				
L9	A-4	18	62	1116	6000	197	2	H1	0.31	2	12	0.0029	219	0.90	519	0.48	0.38	6552	1177	0.18	0.37
L9	A-6	18	64	1152	6000	83	2	H1	0.31	2	12	0.0029	226	0.37	535	0.19	0.15				
L9	A-7	18	63	1134	6000	208	2	H1	0.31	2	12	0.0029	223	0.93	527	0.49	0.39				
L9	A-8	18	59	1062	6000	245	2	H3	0.31	2	8	0.0043	263	0.93	494	0.62	0.50				
L9	A-9	18	136	2448	6000	470	2	H1	0.31	2	12	0.0029	481	0.98	1138	0.52	0.41				
L9	A-10	18	106	1908	6000	278	2	H1	0.31	2	12	0.0029	375	0.74	887	0.39	0.31	7704	1284	0.17	0.37
L9	P-1	18	107	1926	6000	314	2	H1	0.31	2	12	0.0029	378	0.83	895	0.44	0.35				
L9	P-2	18	135	2430	6000	446	2	H1	0.31	2	12	0.0029	477	0.94	1129	0.49	0.40				
L9	P-3	18	38	684	6000	110	2	H1	0.31	2	12	0.0029	134	0.82	318	0.43	0.35				
L9	P-4	18	41	738	6000	93	2	H1	0.31	2	12	0.0029	145	0.64	343	0.34	0.27				
L9	P-5	18	64	1152	6000	76	2	H1	0.31	2	12	0.0029	226	0.34	535	0.18	0.14	6930	1039	0.15	0.37
L9	P-6	18	64	1152	6000	95	2	H1	0.31	2	12	0.0029	226	0.42	535	0.22	0.18				
L9	P-7	18	63	1134	6000	236	2	H2	0.31	2	10	0.0034	246	0.96	527	0.56	0.45				
L9	P-8	18	59	1062	6000	281	2	H4	0.44	2	8	0.0061	332	0.85	494	0.71	0.57				
L9	P-9	18	136	2448	6000	556	2	H3	0.31	2	8	0.0043	607	0.92	1138	0.61	0.49				
L9	P-10	18	106	1908	6000	344	2	H1	0.31	2	12	0.0029	375	0.92	887	0.49	0.39	7704	1512	0.20	0.37
L8	1.1	18	107	1926	6000	298	2	H1	0.31	2	12	0.0029	378	0.79	895	0.42	0.33				
L8	1.2	18	135	2430	6000	507	2	H2	0.31	2	10	0.0034	527	0.96	1129	0.56	0.45				
L8	1.3	18	60	1080	6000	295	2	H4	0.44	2	8	0.0061	338	0.87	502	0.74	0.59				
L8	1.4	18	62	1116	6000	227	2	H2	0.31	2	10	0.0034	242	0.94	519	0.55	0.44				
L8	1.5	18	64	1152	6000	91	2	H1	0.31	2	12	0.0029	226	0.40	535	0.21	0.17	7704	1418	0.18	0.37
L8	1.6	18	64	1152	6000	90	2	H1	0.31	2	12	0.0029	226	0.40	535	0.21	0.17				
L8	1.7	18	63	1134	6000	226	2	H2	0.31	2	10	0.0034	246	0.92	527	0.54	0.43				
L8	1.8	18	59	1062	6000	286	2	H4	0.44	2	8	0.0061	332	0.86	494	0.72	0.58				
L8	1.9	18	136	2448	6000	494	2	H2	0.31	2	10	0.0034	531	0.93	1138	0.54	0.43				
L8	1.11	18	106	1908	6000	296	2	H1	0.31	2	12	0.0029	375	0.79	887	0.42	0.33	7704	1391	0.18	0.37
L8	12.1	18	107	1926	6000	308	2	H1	0.31	2	12	0.0029	378	0.81	895	0.43	0.34				
L8	12.2	18	135	2430	6000	523	2	H2	0.31	2	10	0.0034	527	0.99	1129	0.58	0.46				
L8	12.3	18	60	1080	6000	301	2	H4	0.44	2	8	0.0061	338	0.89	502	0.75	0.60				
L8	12.4	18	62	1116	6000	231	2	H2	0.31	2	10	0.0034	242	0.95	519	0.56	0.45				
L8	12.5	18	64	1152	6000	93	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17	7704	1456	0.19	0.37
L8	12.6	18	64	1152	6000	92	2	H1	0.31	2	12	0.0029	226	0.41	535	0.22	0.17				
L8	12.7	18	63	1134	6000	232	2	H2	0.31	2	10	0.0034	246	0.94	527	0.55	0.44				
L8	12.8	18	59	1062	6000	295	2	H4	0.44	2	8	0.0061	332	0.89	494	0.75	0.60				
L8	12.9	18	136	2448	6000	517	2	H2	0.31	2	10	0.0034	531	0.97	1138	0.57	0.45				
L8	12.1	18	106	1908	6000	305	2	H1	0.31	2	12	0.0029	375	0.81	887	0.43	0.34	7704	1441	0.19	0.37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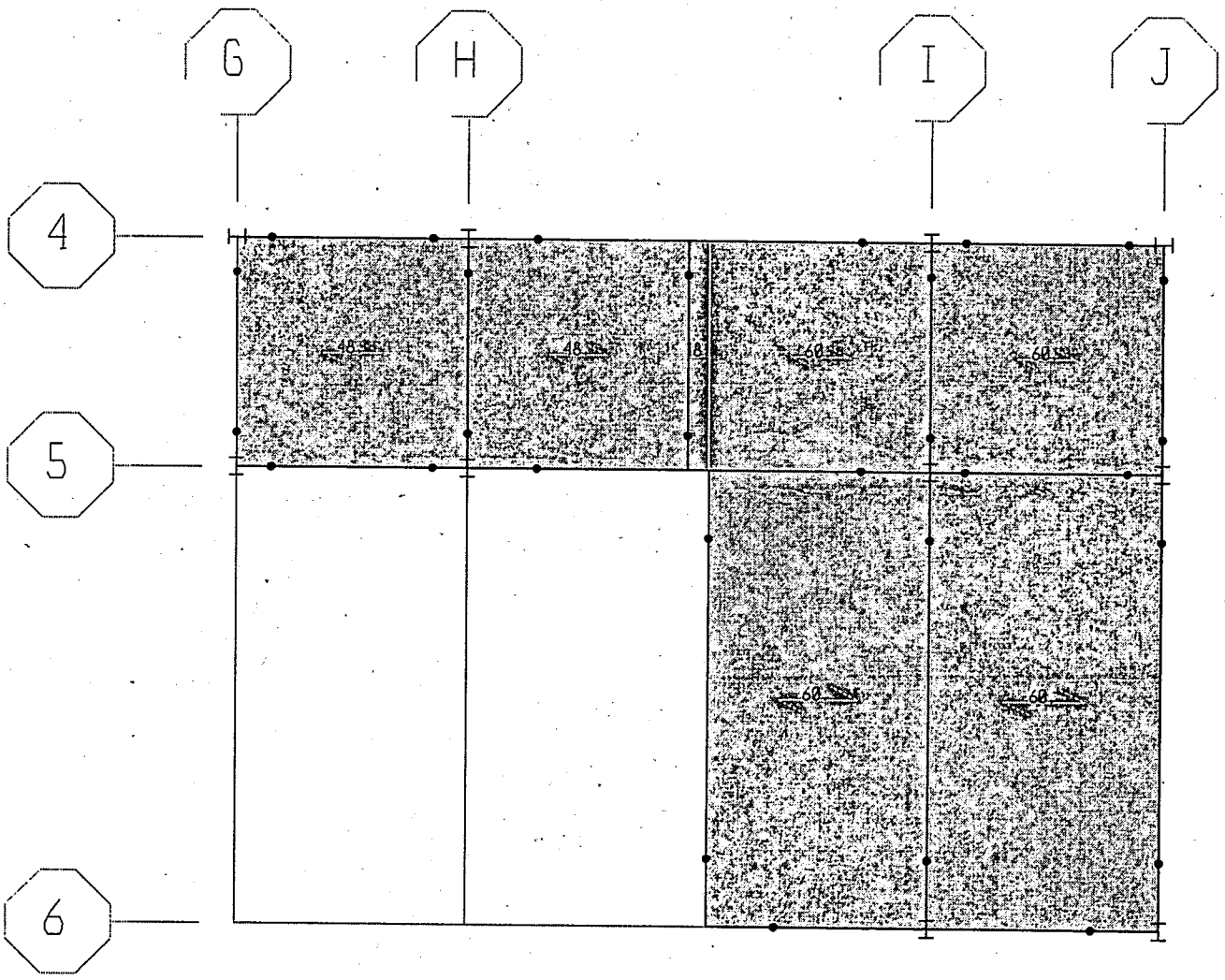
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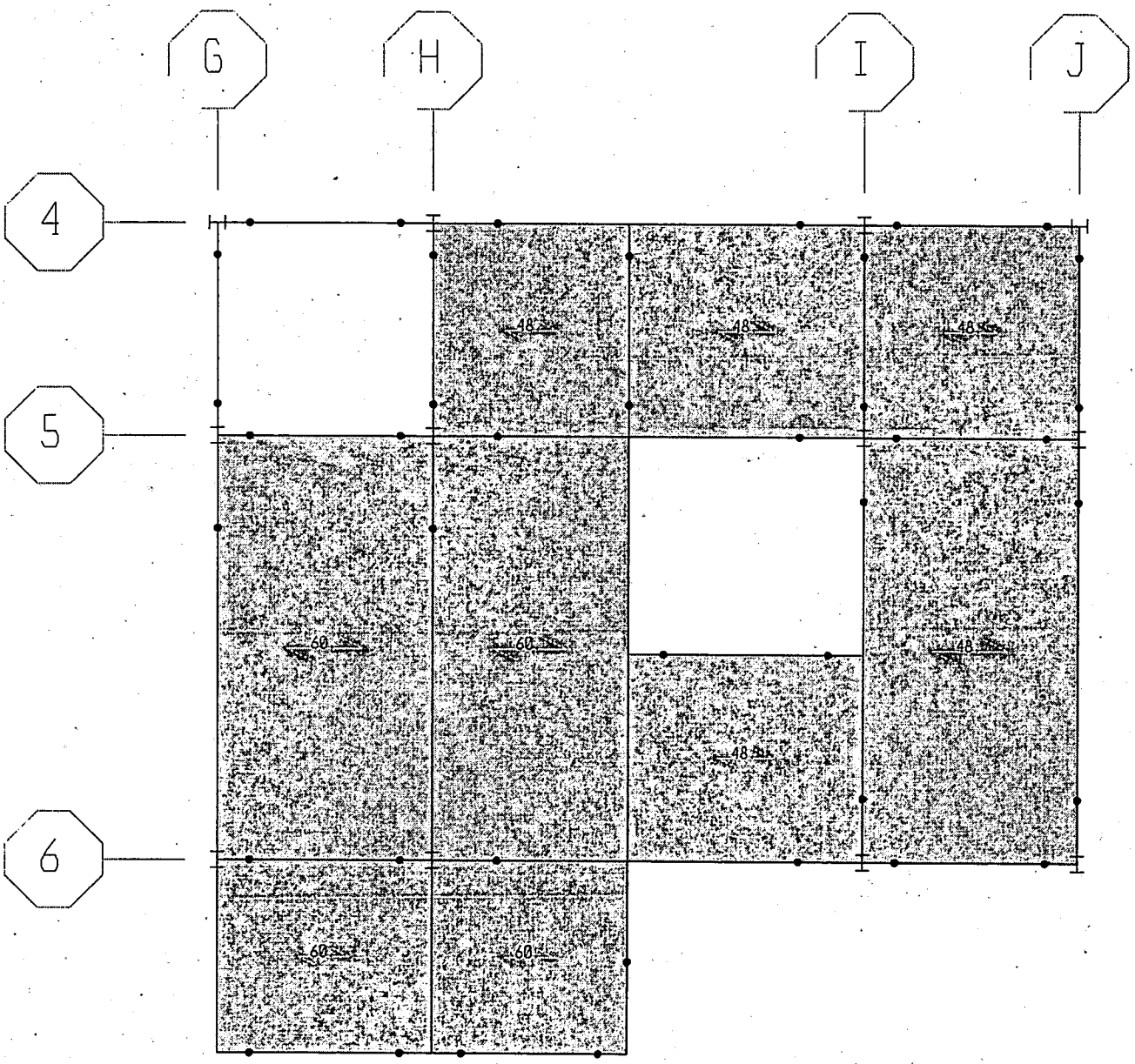
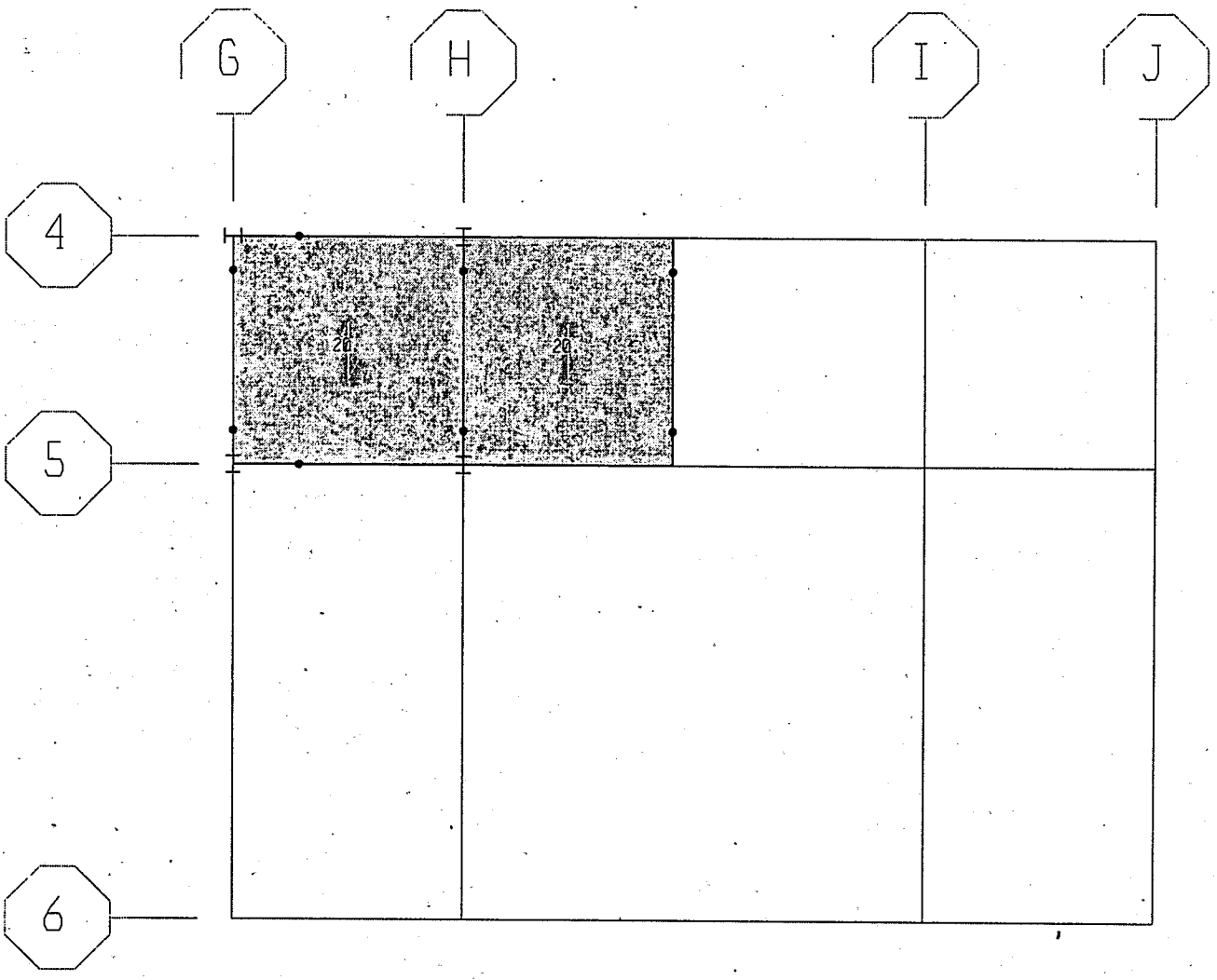


ETABS v9.1.3 - File: HOJ-Penthouse - April 18,2007 19:49
Plan View - PH1 - Elevation 12 Uniform Loads GRAVITY (DEAD) - lb-ft Units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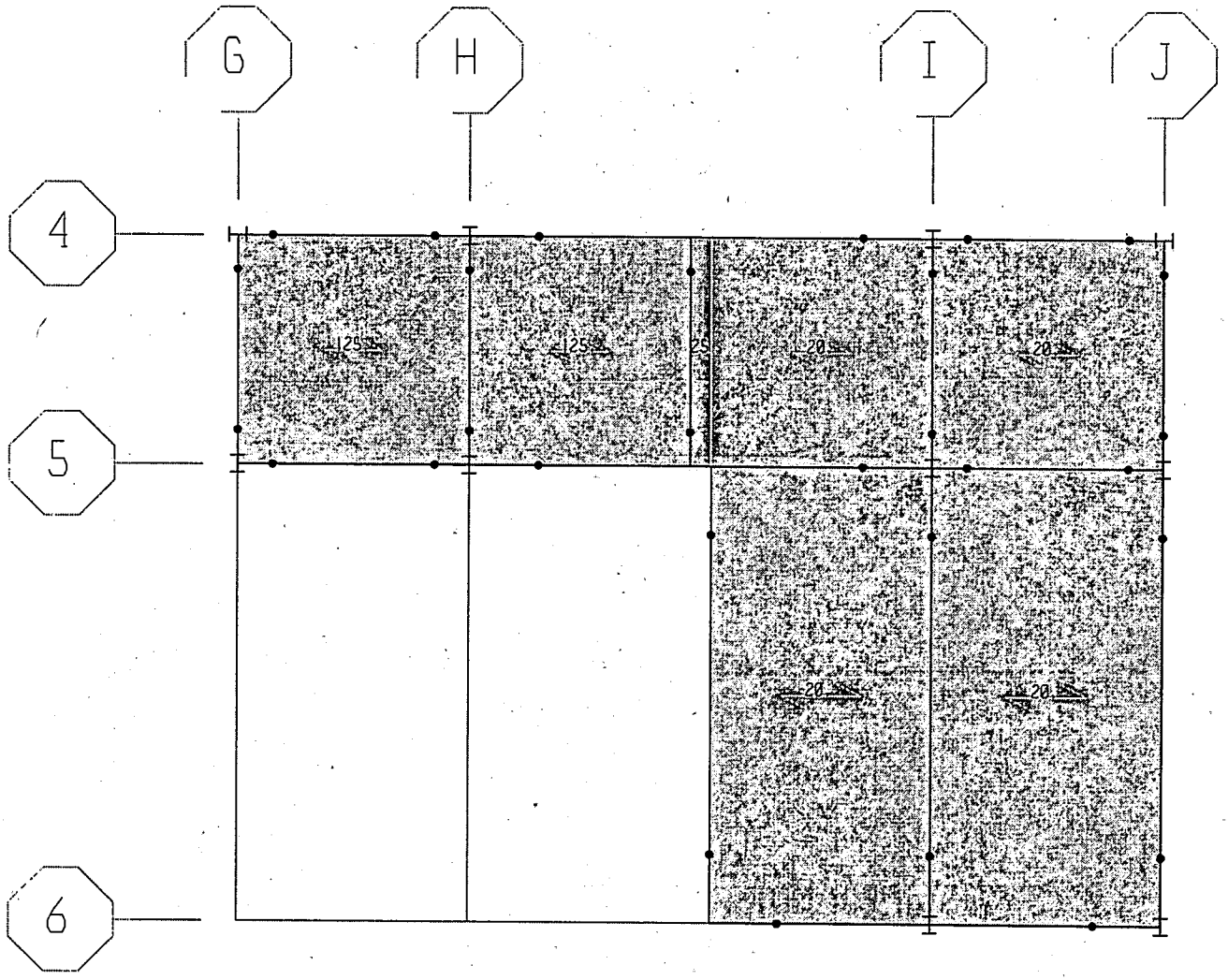
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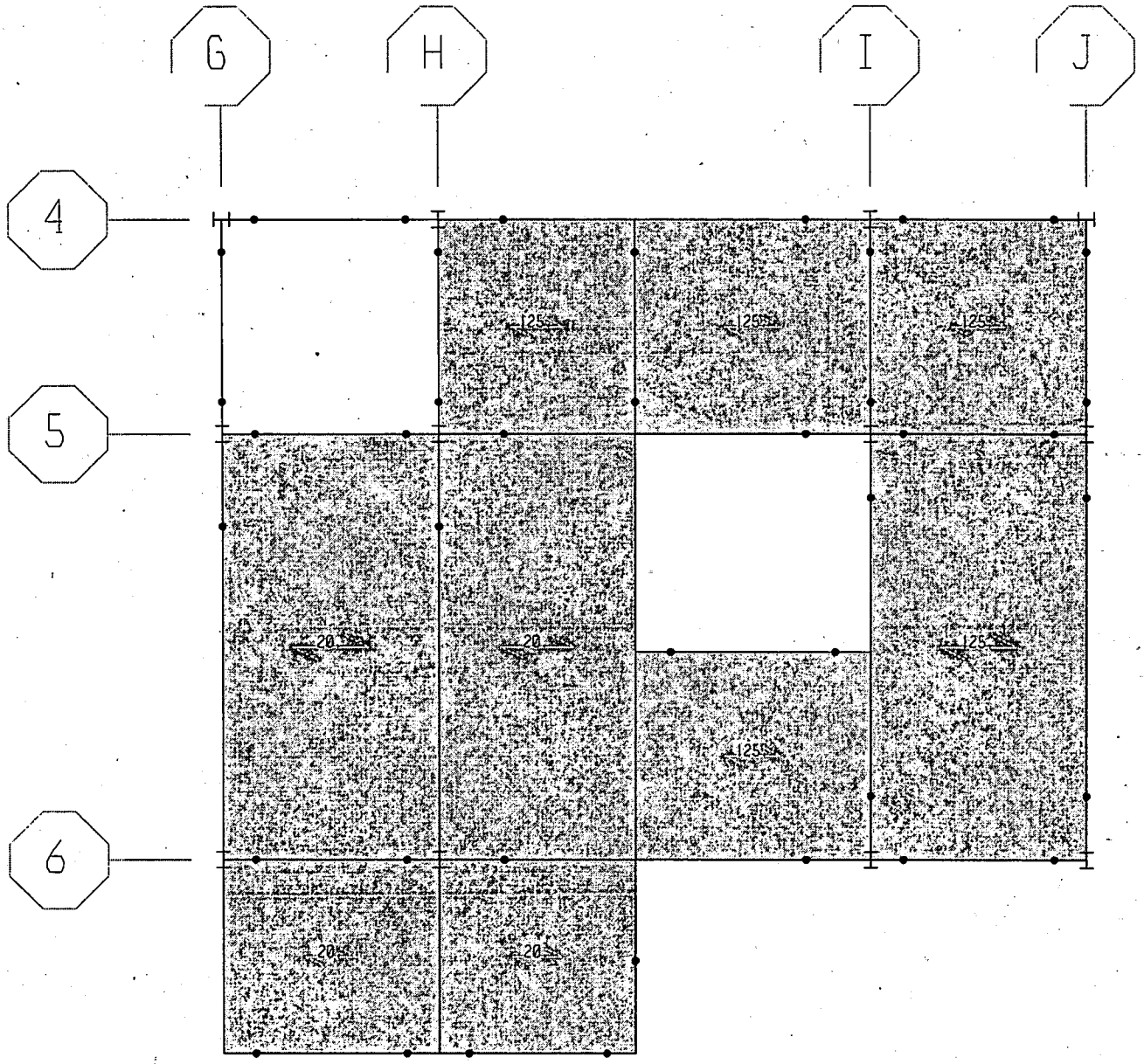
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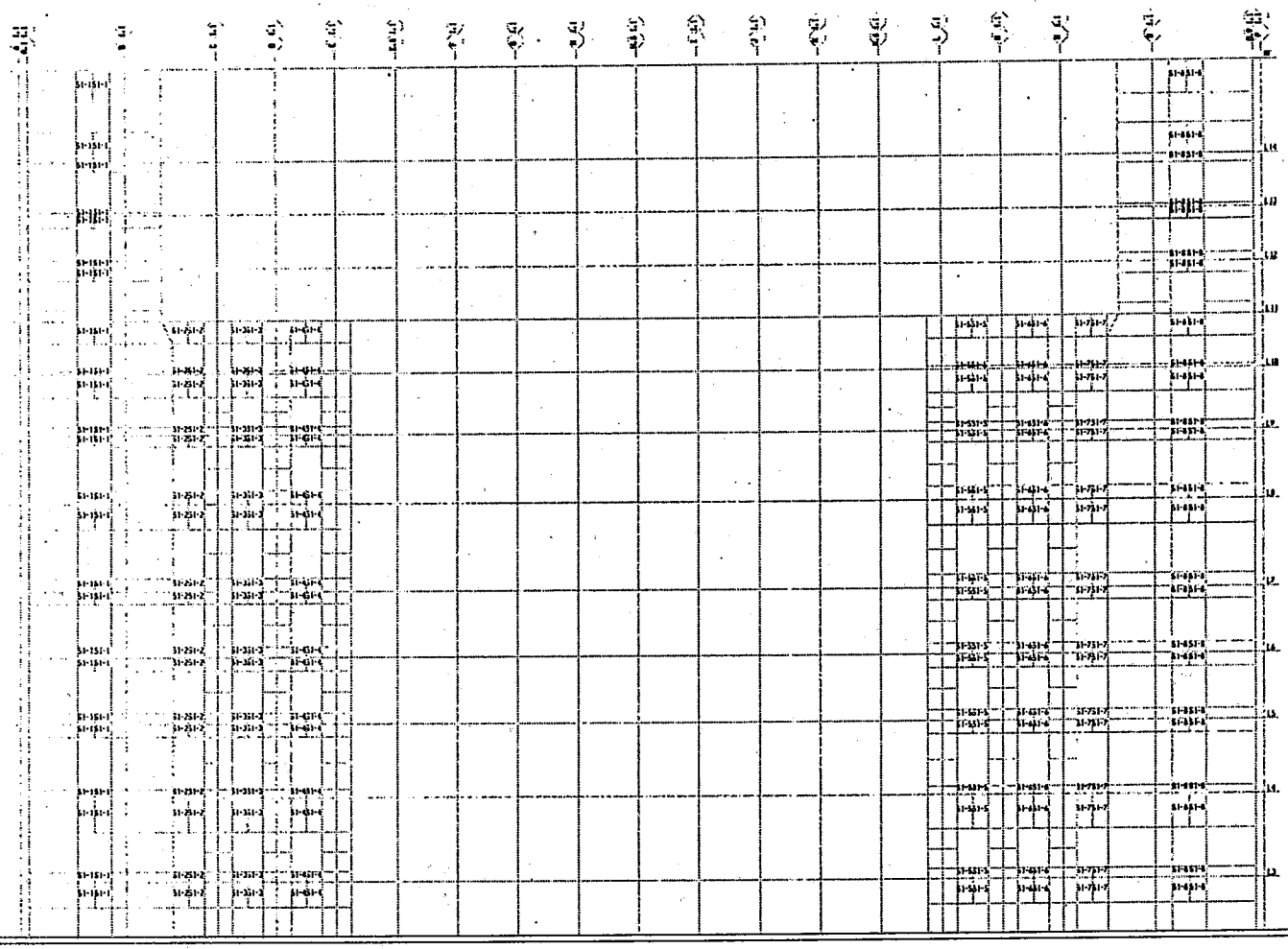
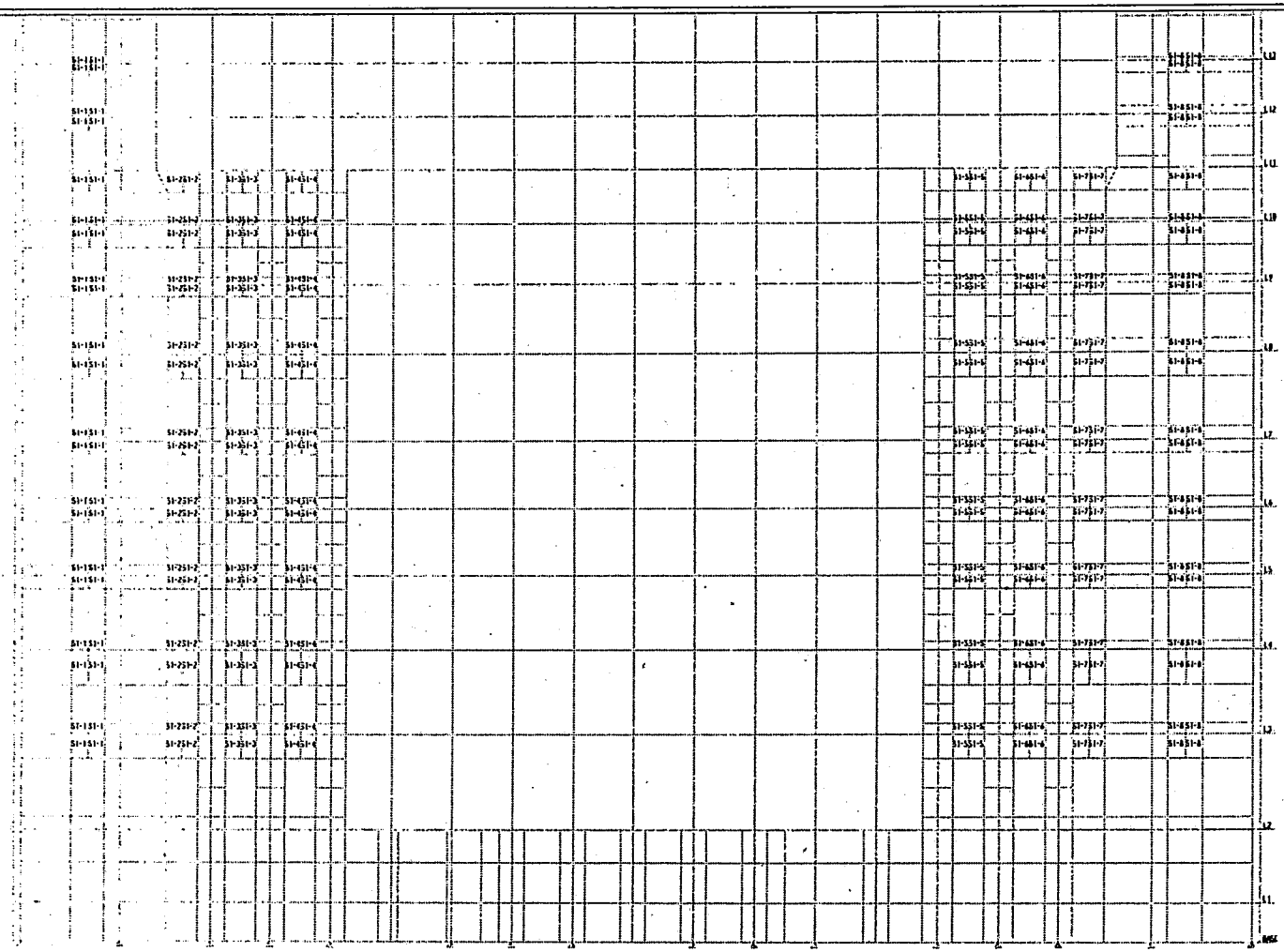
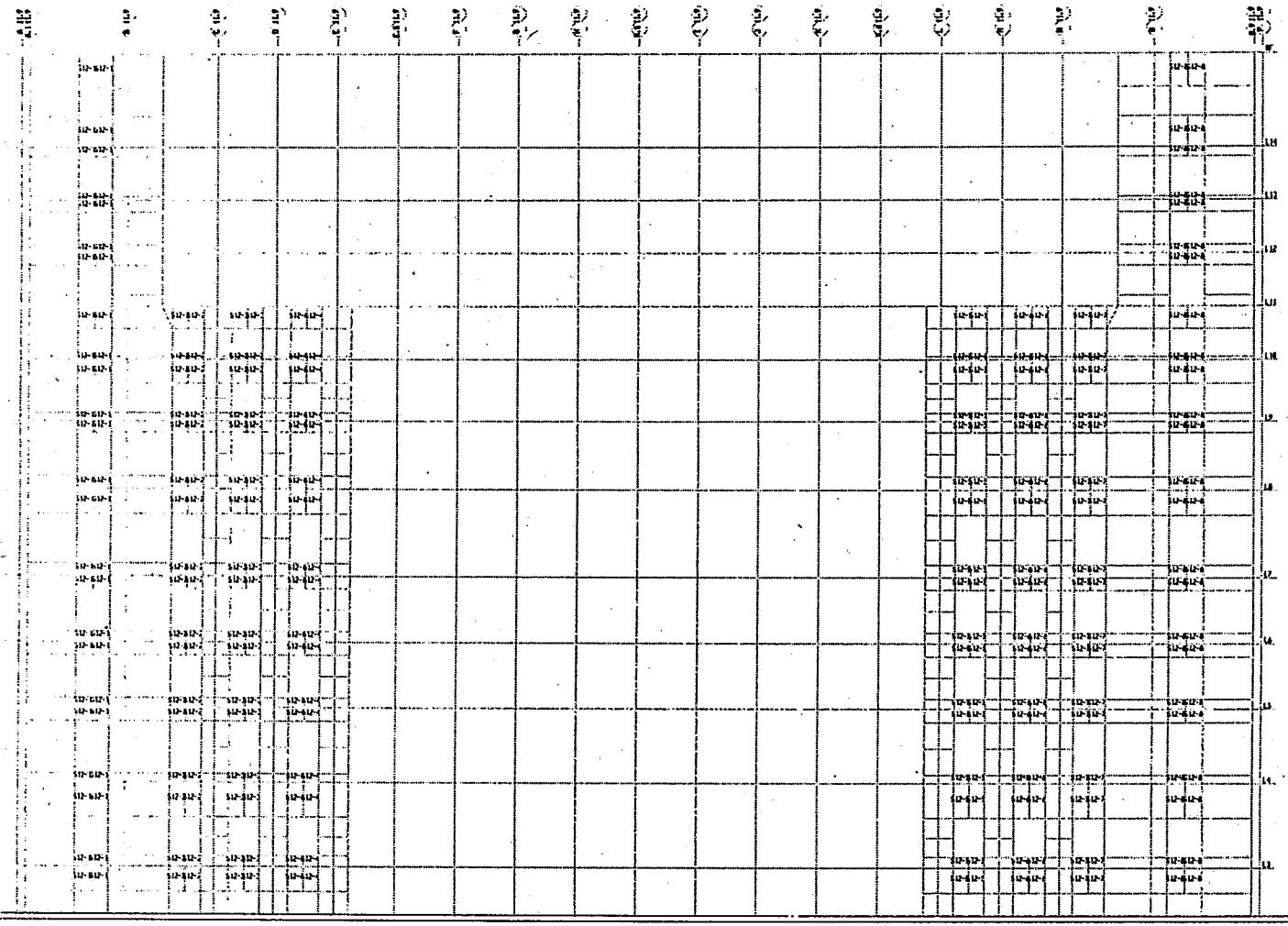
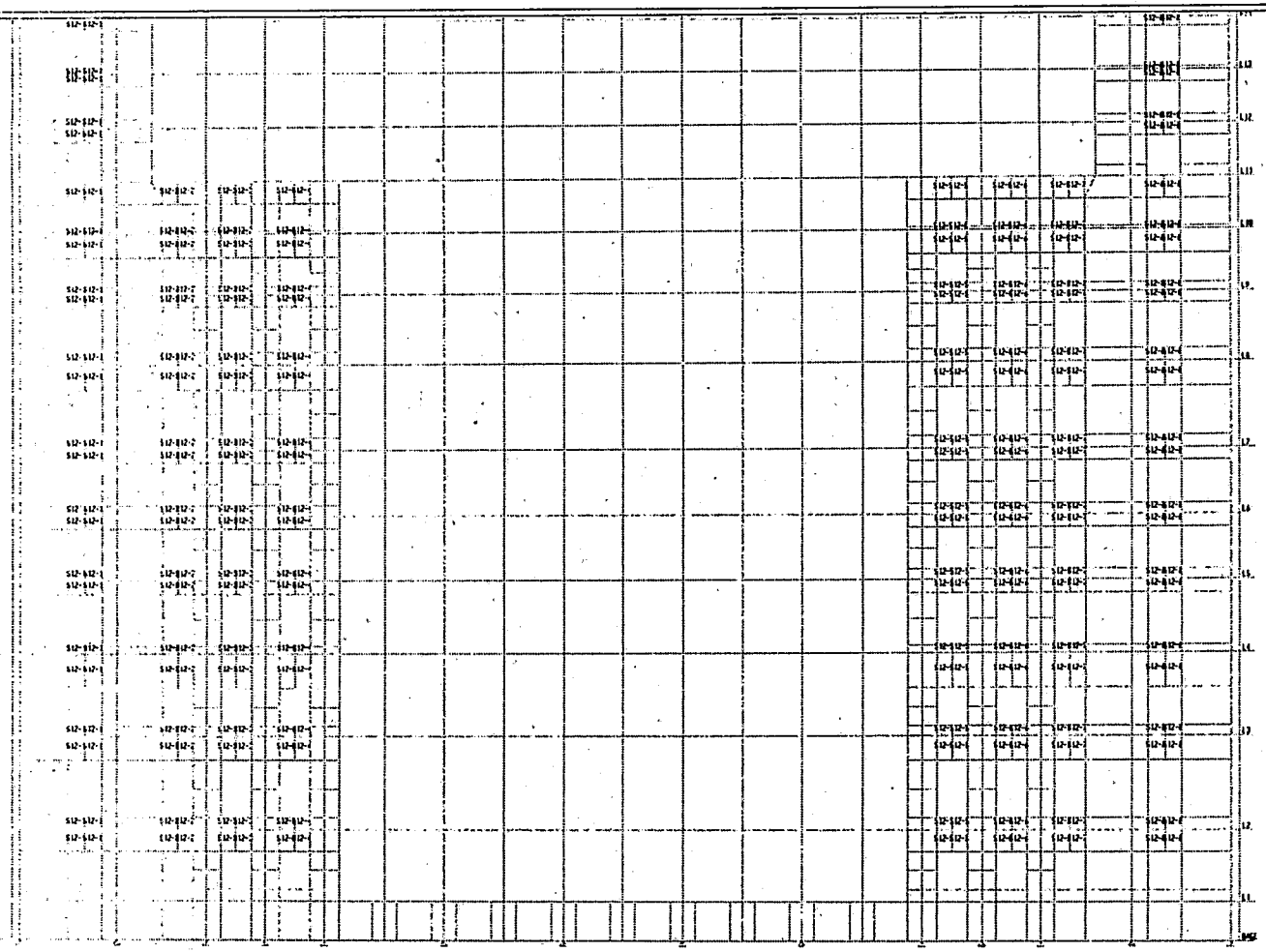
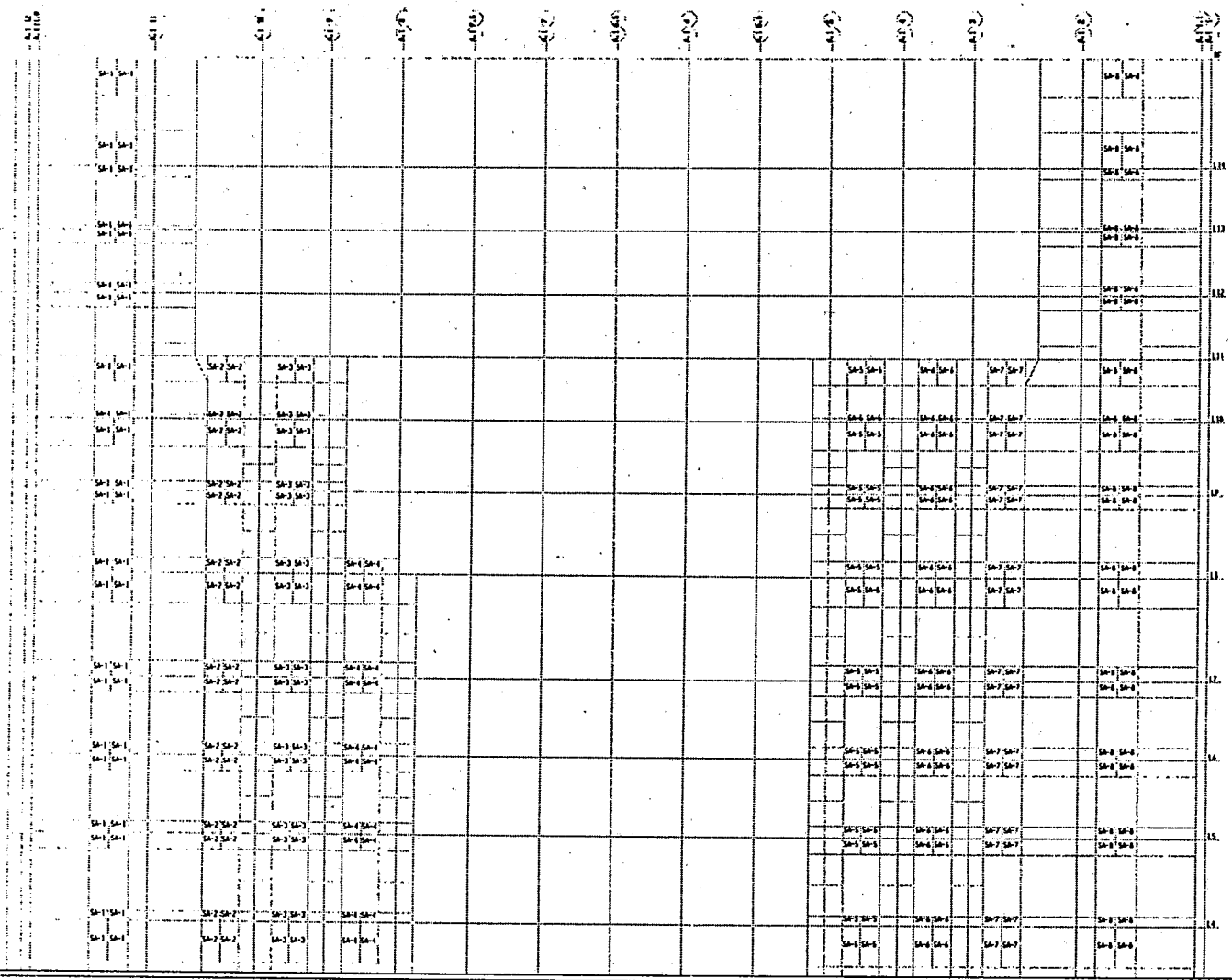
I: Shear Wall Spandrel Beam Design

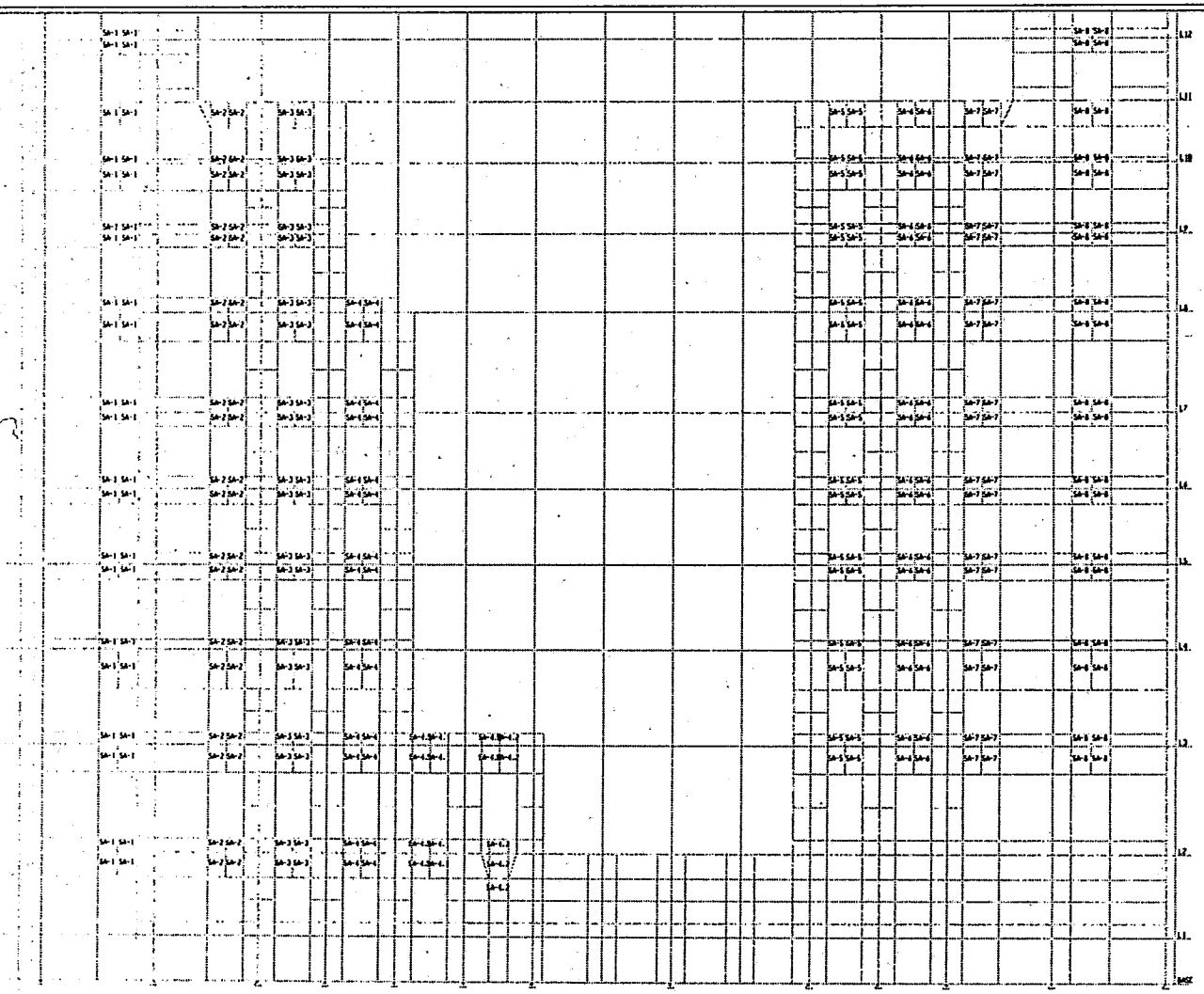


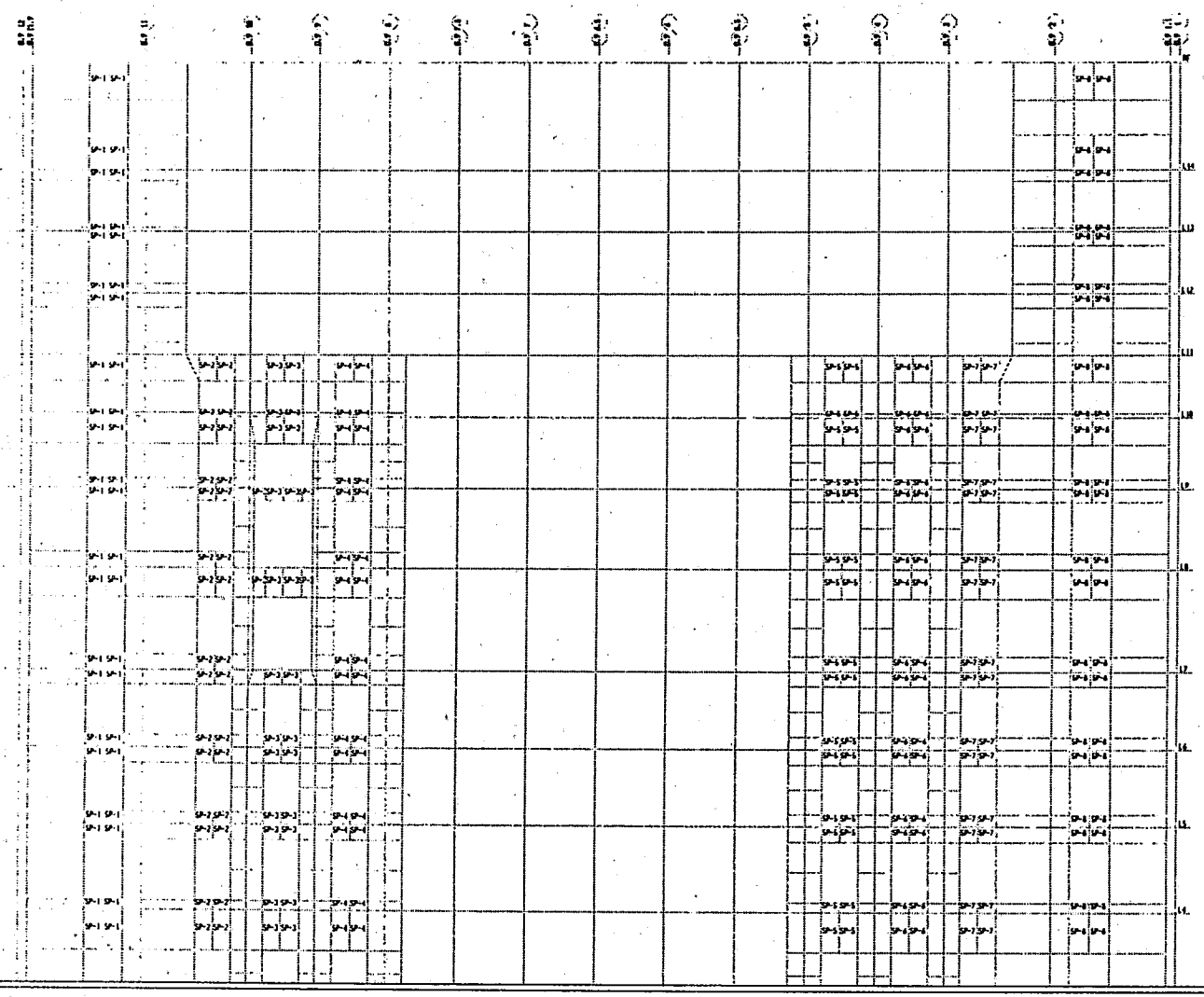


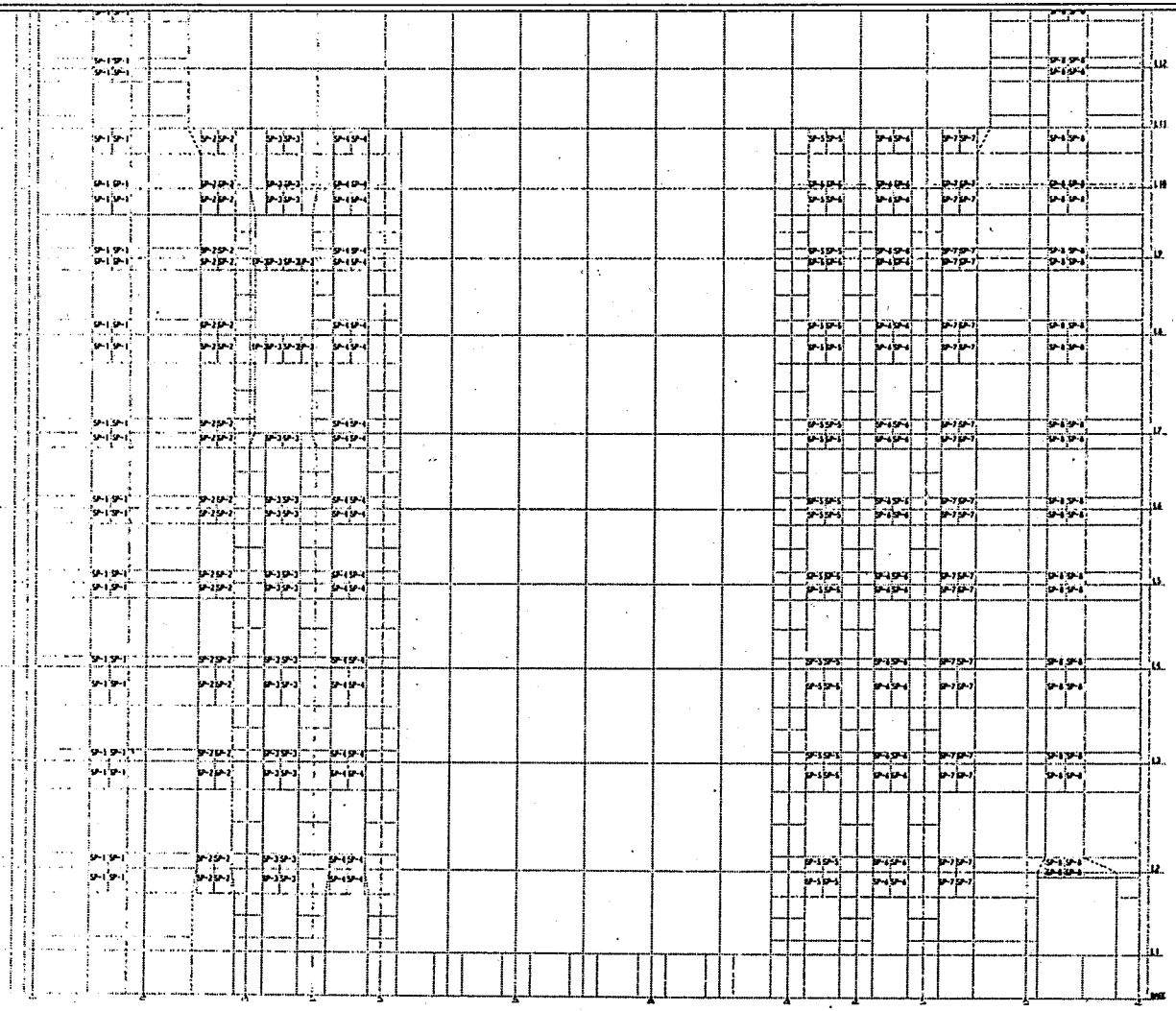












Hall of Justice

Shear Wall Spandrel Beam Design

a = d-sqrt(d^2-2Mu/(.85*f'c*.9*b))
As = Mu/(.9fy(d-a/2))
Ah min = 0.0025b
Av min = 0.0015b
Vu max = Φ(2/3)(10+L/d)sqrt(f'c)bd for L/d from 2-5
Vu max = Φ(8)sqrt(f'c)bd for L/d<2
Φ = 0.60

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

Deep beam shear
Vs = [Av/s(1+L/d)/12+Avh/s2(11-L/d)/12]fy*d
Vn =Vc +Vc

Story	ETABS Spandrel	Properties f'c	fy	L	h	b	d't	d'b	dtop	dbot	Flex. Steel Mu	Top a	As	Bot. a	As	Shear Design d	Vu	Vc	Av	Av min	Ah min	L/d	Factor	Vu max	Vu/ Vu max	Vu> 2Vc	Vu/ 2Vc	Deep Beam Shear Check Type	Av	s	Avh	s2	Vs	ΦVn	Vu/ ΦVn	Diag Ste Vu max	Vu max	Ad
		{ksi}	{ksi}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{k-in}	{in}	{in^2}	{in}	{in^2}	{in}	{in^2}	{kips}	{in^2/ft}	{in^2/ft}	{in^2/ft}			{kips}					{in^2}	{in}	{in^2}	{in}	{kips}	{kips}		{kips}		{in^2}
RF	S1-1	8	60	74	71	14	10	3	61	68	8145	1.6	2.51	1.4	2.24	61	219	153	0.70	0.25	0.42	1.21	8.00	367	0.60	No	0.72	S1	0.62	12	0.62	8	266	251	0.87	N/A	N/A	N/A
RF	S1-8	8	60	74	71	14	10	3	61	68	8220	1.6	2.53	1.4	2.26	61	221	153	0.71	0.25	0.42	1.21	8.00	367	0.60	No	0.72	S1	0.62	12	0.62	8	266	251	0.88	N/A	N/A	N/A
RF	S12-1	8	60	74	71	14	10	3	61	68	8596	1.7	2.65	1.5	2.37	61	231	153	0.76	0.25	0.42	1.21	8.00	367	0.63	No	0.76	S1	0.62	12	0.62	8	266	251	0.92	N/A	N/A	N/A
RF	S12-8	8	60	74	71	14	10	3	61	68	8461	1.6	2.60	1.5	2.33	61	228	153	0.74	0.25	0.42	1.21	8.00	367	0.62	No	0.75	S1	0.62	12	0.62	8	266	251	0.91	N/A	N/A	N/A
RF	SA-1	8	60	74	71	14	10	3	61	68	7793	1.5	2.40	1.4	2.14	61	210	153	0.64	0.25	0.42	1.21	8.00	367	0.57	No	0.69	S1	0.62	12	0.62	8	266	251	0.83	N/A	N/A	N/A
RF	SA-8	8	60	74	71	14	10	3	61	68	7887	1.5	2.42	1.4	2.17	61	212	153	0.66	0.25	0.42	1.21	8.00	367	0.58	No	0.70	S1	0.62	12	0.62	8	266	251	0.84	N/A	N/A	N/A
RF	SP-1	8	60	74	71	14	10	3	61	68	8533	1.7	2.63	1.5	2.35	61	229	153	0.75	0.25	0.42	1.21	8.00	367	0.63	No	0.75	S1	0.62	12	0.62	8	266	251	0.91	N/A	N/A	N/A
RF	SP-8	8	60	74	71	14	10	3	61	68	8952	1.7	2.76	1.6	2.47	61	241	153	0.82	0.25	0.42	1.21	8.00	367	0.66	No	0.79	S1	0.62	12	0.62	8	266	251	0.96	N/A	N/A	N/A
L14	S1-1	8	60	74	85	21	4	4	81	81	22109	2.2	5.12	2.2	5.12	81	585	304	1.66	0.38	0.63	0.91	8.00	730	0.80	No	0.96	S1	0.93	12	0.93	6	693	599	0.98	N/A	N/A	N/A
L14	S1-8	8	60	74	85	21	4	4	81	81	22209	2.2	5.15	2.2	5.15	81	588	304	1.67	0.38	0.63	0.91	8.00	730	0.81	No	0.97	S1	0.93	12	0.93	6	693	599	0.98	N/A	N/A	N/A
L14	S12-1	8	60	74	85	21	4	4	81	81	23152	2.3	5.37	2.3	5.37	81	613	304	1.77	0.38	0.63	0.91	8.00	730	0.84	Yes	1.01	S3	0.93	8	0.93	6	723	617	0.99	N/A	N/A	N/A
L14	S12-8	8	60	74	85	21	4	4	81	81	22938	2.2	5.32	2.2	5.32	81	608	304	1.75	0.38	0.63	0.91	8.00	730	0.83	No	1.00	S3	0.93	8	0.93	6	723	617	0.99	N/A	N/A	N/A
L14	SA-1	8	60	74	85	21	4	4	81	81	21396	2.1	4.96	2.1	4.96	81	566	304	1.58	0.38	0.63	0.91	8.00	730	0.78	No	0.93	S1	0.93	12	0.93	6	693	599	0.95	N/A	N/A	N/A
L14	SA-8	8	60	74	85	21	4	4	81	81	21528	2.1	4.99	2.1	4.99	81	570	304	1.60	0.38	0.63	0.91	8.00	730	0.78	No	0.94	S1	0.93	12	0.93	6	693	599	0.95	N/A	N/A	N/A
L14	SP-1	8	60	74	85	21	4	4	81	81	23285	2.3	5.40	2.3	5.40	81	616	304	1.78	0.38	0.63	0.91	8.00	730	0.84	Yes	1.01	S3	0.93	8	0.93	6	723	617	1.00	N/A	N/A	N/A
L14	SP-8	8	60	74	85	21	4	4	81	81	24151	2.4	5.60	2.4	5.60	81	640	304	1.88	0.38	0.63	0.91	8.00	730	0.88	Yes	1.05	S5	0.93	5	0.93	6	777	649	0.99	N/A	N/A	N/A
L13	S1-1	8	60	74	33	21	4	4	29	29	6529	1.8	4.30	1.8	4.30	29	174	109	1.25	0.38	0.63	2.55	8.37	273	0.64	No	0.80	S1	0.93	12	1.32	8	242	211	0.83	N/A	N/A	N/A
L13	S1-8	8	60	74	33	21	4	4	29	29	6537	1.8	4.31	1.8	4.31	29	174	109	1.25	0.38	0.63	2.55	8.37	273	0.64	No	0.80	S1	0.93	12	1.32	8	242	211	0.83	N/A	N/A	N/A
L13	S12-1	8	60	74	33	21	4	4	29	29	6795	1.9	4.48	1.9	4.48	29	181	109	1.33	0.38	0.63	2.55	8.37	273	0.66	No	0.83	S1	0.93	12	1.32	8	242	211	0.86	N/A	N/A	N/A
L13	S12-8	8	60	74	33	21	4	4	29	29	6762	1.9	4.46	1.9	4.46	29	180	109	1.32	0.38	0.63	2.55	8.37	273	0.66	No	0.83	S1	0.93	12	1.32	8	242	211	0.86	N/A	N/A	N/A
L13	SA-1	8	60	74	33	21	4	4	29	29	6354	1.8	4.18	1.8	4.18	29	169	109	1.20	0.38	0.63	2.55	8.37	273	0.62	No	0.78	S1	0.93	12	1.32	8	242	211	0.80	N/A	N/A	N/A
L13	SA-8	8	60	74	33	21	4	4	29	29	6394	1.8	4.21	1.8	4.21	29	171	109	1.21	0.38	0.63	2.55	8.37	273	0.62	No	0.78	S1	0.93	12	1.32	8	242	211	0.81	N/A	N/A	N/A
L13	SP-1	8	60	74	33	21	4	4	29	29	6865	1.9	4.53	1.9	4.53	29	183	109	1.35	0.38	0.63	2.55	8.37	273	0.67	No	0.84	S1	0.93	12	1.32	8	242	211	0.87	N/A	N/A	N/A
L13	SP-8	8	60	74	33	21	4	4	29	29	7077	2.0	4.68	2.0	4.68	29	189	109	1.42	0.38	0.63	2.55	8.37	273	0.69	No	0.87	S1	0.93	12	1.32	8	242	211	0.90	N/A	N/A	N/A
L12	S1-1	8	60	74	44	28	4	4	40	40	14638	2.2	6.97	2.2	6.97	40	385	200	2.20	0.50	0.84	1.85	8.00	481	0.80	No	0.96	S2	1.24	10	1.24	6	449	390	0.99	N/A	N/A	N/A
L12	S1-8	8	60	74	44	28	4	4	40	40	14583	2.2	6.94	2.2	6.94	40	383	200	2.19	0.50	0.84	1.85	8.00	481	0.80	No	0.96	S2	1.24	10	1.24	6	449	390	0.98	N/A	N/A	N/A
L12	S12-1	8	60	74	44	28	4	4	40	40	15285	2.3	7.29	2.3	7.29	40	402	200	2.35	0.50	0.84	1.85	8.00	481	0.84	Yes	1.00	S4	1.24	6	1.24	6	496	418	0.96	N/A	N/A	N/A
L12	S12-8	8	60	74	44	28	4	4	40	40	15121	2.3	7.21	2.3	7.21	40	398	200	2.31	0.50	0.84	1.85	8.00	481	0.83	No	0.99	S3	1.24	8	1.24	6	467	400	0.99	N/A	N/A	N/A
L12	SA-1	8	60	74	44	28	4	4	40	40	14217	2.1	6.76	2.1	6.76	40	374	200	2.11	0.50	0.84	1.85	8.00	481	0.78	No	0.93	S1	1.24	12	1.24	6	437	382	0.98	N/A	N/A	N/A
L12	SA-8	8	60	74	44	28	4	4	40	40	14393	2.2	6.85	2.2	6.85	40	379	200	2.15	0.50	0.84	1.85	8.00	481	0.79	No	0.95	S1	1.24	12	1.24	6	437	382	0.99	N/A	N/A	N/A
L12	SP-1	8	60	74	44	28	4	4	40	40	15310	2.3	7.30	2.3	7.30	40	402	200	2.35	0.50	0.84	1.85	8.00	481	0.84	Yes	1.00	S4	1.24	6	1.24	6	496	418	0.96	N/A	N/A	N/A
L12	SP-8	8	60	74	44	28	4	4	40	40	15896	2.4	7.59	2.4	7.59	40	418	200	2.48	0.50	0.84	1.85	8.00	481	0.87	Yes	1.04	S5	1.24	5	1.24	6	520	432	0.97	N/A	N/A	N/A
L11	S1-1	8	60	74	48	25	4	4	44	44	8792	1.3	3.76	1.3	3.76	44	232	197	0.86	0.45	0.75	1.68	8.00	472	0.49	No	0.59	S1	0.93	12	1.32	8	384	348	0.67	N/A	N/A	N/A
L11	S1-2	8	60	68	48	25	13	4	35	44	12373	2.4	6.78	1.9	5.32	35	320	157	2.16	0.45	0.75	1.94	8.00	376	0.85	Yes	1.02	S6	0.93	4	1.32	8	381	323	0.99	N/A	N/A	N/A
L11	S1-3	8	60	68	48	25	13	3	35	45	2727	0.5	1.45	0.4	1.13	35	73	157	0.00	0.45	0.75	1.94	8.00	376	0.19	No	0.23	S1	0.93	12	1.32	8	301	275	0.27	N/A	N/A	N/A
L11	S1-4	8	60	68	48	25	13	3	35	45	379	0.1	0.20	0.1	0.16	35	10	157	0.00	0.45	0.75	1.94	8.00	376	0.03	No	0.03	S1	0.93	12	1.32	8	301	275	0.03	N/A	N/A	N/A
L11	S1-5	8	60	68	48	25	13	3	35	45	447	0.1	0.24	0.1	0.18	35	11	157	0.00	0.45	0.75	1.94	8.00	376	0.03	No	0.04	S1	0.93	12	1.32	8	301	275	0.04	N/A	N/A	N/A
L11	S1-6	8	60	68	48	25	13	3	35	45	2755	0.5	1.47	0.4	1.14	35	74	157	0.00	0.45	0.75	1.94	8.00	376	0.20	No	0.24	S1	0.93	12	1.32	8	301	275	0.27	N/A	N/A	N/A
L11	S1-7	8	60	68	48	25	13	4	35	44	12341	2.4	6.76	1.9	5.31	35	319	157	2.15	0.45	0.75	1.94	8.00	376	0.85	Yes	1.02	S6	0.93	4	1.32	8	381	323	0.99	N/A	N/A	N/A
L11	S1-8	8	60	74	48	25	13	3	35	45	8759	1.7	4.75	1.3	3.66	35	231	157	1.31	0.45	0.75	2.11	8.08	379	0.61	No	0.74	S1	0.93	12	1.32	8	299	273	0.85	N/A	N/A	N/A
L11	S12-1	8	60	74	48	25	11	4	37	44	9314	1.7	4.77	1.4	3.98	37	246	165	1.32	0.45	0.75	2.00	8.00	397	0.62	No	0.74	S1	0.93	12	1.32	8	318	290	0.85	N/A	N/A	N/A
L11	S12-2	8	60	68	48	25	11	4	37	44	12857	2.3	6.65	2.0	5.53	37	333	165	2.11	0.45	0.75	1.84	8.00	397	0.84	Yes	1.01	S6	0.93	4	1.32	8	402	340	0.98	N/A	N/A	N/A
L11	S12-3	8	60	68	48	25	11	4	37	44	2833	0.5	1.43	0.4	1.20	37	76	165	0.00	0.45	0.75	1.84	8.00	397	0.19	No	0.23	S1	0.93	12	1.32	8	320	291	0.26	N/A	N/A	N/A
L11	S12-4	8	60	68	48	25	11	4	37	44	409	0.1	0.20	0.1	0.17	37	9	165	0.00	0.45	0.75	1.84	8.00	397	0.02	No	0.03	S1	0.93	12	1.32	8	320	291	0.03	N/A	N/A	N/A
L11	S12-5	8	60	68	48	25	11	4	37	44	2868	0.5	1.45	0.4	1.21	37	77	165	0.00	0.45	0.75	1.84	8.00	397	0.03	No	0.03	S1	0.93	12	1.32	8	320	291	0.04	N/A	N/A	N/A
L11	S12-6	8	60	68	48	25	11	4	37	44	416	0.1	0.21	0.1	0.18	37	11	165	0.00	0.45	0.75	1.84	8.00	397	0.03	No	0.03	S1	0.93	12	1.32	8	320	291	0.04	N/A	N/A	N/A
L11	S12-7	8	60	68	48	25	11	4	37	44	12791	2.3	6.61	1.9	5.50	37	331	165	2.09	0.45	0.75	1.84	8.00	397	0.19	No	0.23	S1	0.93	12	1.32	8	320	291	0.26	N/A	N/A	N/A
L11	S12-8	8	60	74	48	25	11	4	37	44	9143	1.7	4.68	1.4	3.91	37	241	165	1.28	0.45	0.75	2.00	8.00	397	0.83	Yes	1.00	S6	0.93	4	1.32	8	402	340	0.97	N/A	N/A	N/A
L11	SA-1	8	60	74	48	25	11	4	37	44	8665	1.6	4.43	1.3	3.70	37	229	165	1.17	0.45	0.75	2.00	8.00	397	0.61	No	0.73	S1	0.93	12	1.32	8	318	290	0.83	N/A	N/A	N/A
L11	SA-1	8	60	74	48	25	11	4	37	44	8665	1.6	4.43	1.3	3.70	37	229	165	1.17	0.45	0.75	2.00	8.00	397	0.58	No	0.69	S1	0.93	12	1.32	8	318	290	0.79	N/A	N/A	N/A

Hall of Justice

Shear Wall Spandrel Beam Design

a = d-sqrt(d^2-2Mu/(.85*f'c*.9*b))
As = Mu/(.9fy(d-a/2))
Ah min = 0.0025b
Av min = 0.0015b
Vu max = Φ(2/3)(10+L/d)sqrt(f'c)bd for L/d from 2-5
Vu max = Φ(8)sqrt(f'c)bd for L/d<2
Φ = 0.60

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

Deep beam shear
Vs = [Av/s(1+L/d)/12+Avh/s2(11-L/d)/12]fy*d
Vn =Vc +Vc

Story	ETABS Spandrel	Properties f'c	fy	L	h	b	d't	d'b	dtop	dbot	Flex. Steel Mu	a	Top As	a	Bot. As	Shear Design d	Vu	Vc	Av	Av min	Ah min	L/d	Factor	Vu max	Vu/ Vu max	Vu> 2Vc	Vu/ 2Vc	Deep Beam Shear Check Type	Av	s	Avh	s2	Vs	ΦVn	Vu/ ΦVn	Diag Ste Vu max	Vu/ Vu max	Ad
		{ksi}	{ksi}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{k-in}	{in}	{in^2}	{in}	{in^2}	{in}	{in^2}	{kips}	{in^2/ft}	{in^2/ft}	{in^2/ft}			{kips}					{in^2}	{in}	{in^2}	{in}	{kips}	{kips}		{kips}		{in^2}
L11	SA-2	8	60	68	48	25	11	4	37	44	11895	2.2	6.13	1.8	5.11	37	309	165	1.89	0.45	0.75	1.84	8.00	397	0.78	No	0.94	S4	0.93	6	1.32	8	361	316	0.98	N/A	N/A	N/A
L11	SA-3	8	60	68	48	25	11	4	37	44	1888	0.3	0.95	0.3	0.80	37	51	165	0.00	0.45	0.75	1.84	8.00	397	0.13	No	0.15	S1	0.93	12	1.32	8	320	291	0.17	N/A	N/A	N/A
L11	SA-5	8	60	68	48	25	11	4	37	44	418	0.1	0.21	0.1	0.18	37	10	165	0.00	0.45	0.75	1.84	8.00	397	0.02	No	0.03	S1	0.93	12	1.32	8	320	291	0.03	N/A	N/A	N/A
L11	SA-6	8	60	68	48	25	11	4	37	44	2823	0.5	1.42	0.4	1.19	37	76	165	0.00	0.45	0.75	1.84	8.00	397	0.19	No	0.23	S1	0.93	12	1.32	8	320	291	0.26	N/A	N/A	N/A
L11	SA-7	8	60	68	48	25	11	4	37	44	12317	2.2	6.36	1.9	5.30	37	319	165	1.98	0.45	0.75	1.84	8.00	397	0.80	No	0.96	S5	0.93	5	1.32	8	377	326	0.98	N/A	N/A	N/A
L11	SA-8	8	60	74	48	25	11	4	37	44	8876	1.6	4.54	1.3	3.79	37	234	165	1.21	0.45	0.75	2.00	8.00	397	0.59	No	0.71	S1	0.93	12	1.32	8	318	290	0.81	N/A	N/A	N/A
L11	SP-1	8	60	74	48	25	11	4	37	44	8604	1.6	4.40	1.3	3.68	37	226	165	1.14	0.45	0.75	2.00	8.00	397	0.57	No	0.68	S1	0.93	12	1.32	6	409	345	0.66	N/A	N/A	N/A
L11	SP-2	8	60	68	48	25	11	4	37	44	12784	2.3	6.61	1.9	5.50	37	319	165	1.98	0.45	0.75	1.84	8.00	397	0.80	No	0.97	S4	0.93	6	1.32	6	454	372	0.86	N/A	N/A	N/A
L11	SP-3	8	60	68	48	25	11	4	37	44	6048	1.1	3.07	0.9	2.57	37	174	165	0.67	0.45	0.75	1.84	8.00	397	0.44	No	0.52	S1	0.93	12	1.32	6	414	347	0.50	N/A	N/A	N/A
L11	SP-4	8	60	68	48	25	11	4	37	44	1085	0.2	0.54	0.2	0.46	37	28	165	0.00	0.45	0.75	1.84	8.00	397	0.07	No	0.09	S1	0.93	12	1.32	6	414	347	0.08	N/A	N/A	N/A
L11	SP-5	8	60	68	48	25	11	4	37	44	487	0.1	0.24	0.1	0.21	37	11	165	0.00	0.45	0.75	1.84	8.00	397	0.03	No	0.03	S1	0.93	12	1.32	6	414	347	0.03	N/A	N/A	N/A
L11	SP-6	8	60	68	48	25	11	4	37	44	3079	0.5	1.55	0.5	1.30	37	82	165	0.00	0.45	0.75	1.84	8.00	397	0.21	No	0.25	S1	0.93	12	1.32	6	414	347	0.24	N/A	N/A	N/A
L11	SP-7	8	60	68	48	25	11	4	37	44	13507	2.5	6.99	2.1	5.82	37	350	165	2.26	0.45	0.75	1.84	8.00	397	0.88	Yes	1.06	S4	0.93	6	1.32	6	454	372	0.94	N/A	N/A	N/A
L11	SP-8	8	60	74	48	25	11	4	37	44	9810	1.8	5.03	1.5	4.20	37	258	165	1.43	0.45	0.75	2.00	8.00	397	0.65	No	0.78	S1	0.93	12	1.32	6	409	345	0.75	N/A	N/A	N/A
L10	S1-1	6	60	74	58	30	4	4	54	54	6484	0.9	2.24	0.9	2.24	54	175	251	0.15	0.54	0.90	1.37	8.00	602	0.29	No	0.35	S1	0.93	12	1.32	8	479	438	0.40	N/A	N/A	N/A
L10	S1-2	6	60	68	58	30	4	4	54	54	16263	2.2	5.70	2.2	5.70	54	452	251	1.86	0.54	0.90	1.26	8.00	602	0.75	No	0.90	S4	0.93	6	1.32	8	529	468	0.97	N/A	N/A	N/A
L10	S1-3	6	60	68	58	30	4	4	54	54	12208	1.7	4.25	1.7	4.25	54	355	251	1.26	0.54	0.90	1.26	8.00	602	0.59	No	0.71	S1	0.93	12	1.32	8	481	439	0.81	N/A	N/A	N/A
L10	S1-4	6	60	68	58	30	4	4	54	54	6793	0.9	2.35	0.9	2.35	54	190	251	0.24	0.54	0.90	1.26	8.00	602	0.31	No	0.38	S1	0.93	12	1.32	8	481	439	0.43	N/A	N/A	N/A
L10	S1-5	6	60	68	58	30	4	4	54	54	6709	0.9	2.32	0.9	2.32	54	188	251	0.23	0.54	0.90	1.26	8.00	602	0.31	No	0.37	S1	0.93	12	1.32	8	481	439	0.43	N/A	N/A	N/A
L10	S1-6	6	60	68	58	30	4	4	54	54	12195	1.7	4.25	1.7	4.25	54	354	251	1.25	0.54	0.90	1.26	8.00	602	0.59	No	0.70	S1	0.93	12	1.32	8	481	439	0.81	N/A	N/A	N/A
L10	S1-7	6	60	68	58	30	4	4	54	54	16110	2.2	5.64	2.2	5.64	54	448	251	1.83	0.54	0.90	1.26	8.00	602	0.74	No	0.89	S3	0.93	8	1.32	8	505	453	0.99	N/A	N/A	N/A
L10	S1-8	6	60	74	58	30	4	4	54	54	7278	1.0	2.52	1.0	2.52	54	196	251	0.28	0.54	0.90	1.37	8.00	602	0.33	No	0.39	S1	0.93	12	1.32	8	479	438	0.45	N/A	N/A	N/A
L10	S12-1	6	60	74	58	30	4	4	54	54	6669	0.9	2.31	0.9	2.31	54	178	251	0.17	0.54	0.90	1.37	8.00	602	0.30	No	0.35	S1	0.93	12	1.32	8	479	438	0.41	N/A	N/A	N/A
L10	S12-2	6	60	68	58	30	4	4	54	54	17091	2.3	5.99	2.3	5.99	54	476	251	2.01	0.54	0.90	1.26	8.00	602	0.79	No	0.95	S5	0.93	5	1.32	8	547	479	0.99	N/A	N/A	N/A
L10	S12-3	6	60	68	58	30	4	4	54	54	12771	1.7	4.45	1.7	4.45	54	371	251	1.36	0.54	0.90	1.26	8.00	602	0.62	No	0.74	S1	0.93	12	1.32	8	481	439	0.84	N/A	N/A	N/A
L10	S12-4	6	60	68	58	30	4	4	54	54	7107	1.0	2.46	1.0	2.46	54	198	251	0.30	0.54	0.90	1.26	8.00	602	0.33	No	0.40	S1	0.93	12	1.32	8	481	439	0.45	N/A	N/A	N/A
L10	S12-5	6	60	68	58	30	4	4	54	54	7043	1.0	2.44	1.0	2.44	54	197	251	0.29	0.54	0.90	1.26	8.00	602	0.33	No	0.39	S1	0.93	12	1.32	8	481	439	0.45	N/A	N/A	N/A
L10	S12-6	6	60	68	58	30	4	4	54	54	12783	1.7	4.46	1.7	4.46	54	371	251	1.36	0.54	0.90	1.26	8.00	602	0.62	No	0.74	S1	0.93	12	1.32	8	481	439	0.84	N/A	N/A	N/A
L10	S12-7	6	60	68	58	30	4	4	54	54	16918	2.3	5.93	2.3	5.93	54	470	251	1.97	0.54	0.90	1.26	8.00	602	0.78	No	0.94	S5	0.93	5	1.32	8	547	479	0.98	N/A	N/A	N/A
L10	S12-8	6	60	74	58	30	4	4	54	54	6598	0.9	2.28	0.9	2.28	54	178	251	0.17	0.54	0.90	1.37	8.00	602	0.30	No	0.35	S1	0.93	12	1.32	8	479	438	0.41	N/A	N/A	N/A
L10	SA-1	6	60	74	58	30	4	4	54	54	7080	1.0	2.45	1.0	2.45	54	191	251	0.25	0.54	0.90	1.37	8.00	602	0.32	No	0.38	S1	0.93	12	1.32	8	479	438	0.44	N/A	N/A	N/A
L10	SA-2	6	60	68	58	30	4	4	54	54	16099	2.2	5.64	2.2	5.64	54	450	251	1.85	0.54	0.90	1.26	8.00	602	0.75	No	0.90	S4	0.93	6	1.32	8	529	468	0.96	N/A	N/A	N/A
L10	SA-3	6	60	68	58	30	4	4	54	54	10754	1.5	3.74	1.5	3.74	54	312	251	1.00	0.54	0.90	1.26	8.00	602	0.52	No	0.62	S1	0.93	12	1.32	8	481	439	0.71	N/A	N/A	N/A
L10	SA-5	6	60	68	58	30	4	4	54	54	7260	1.0	2.51	1.0	2.51	54	203	251	0.32	0.54	0.90	1.26	8.00	602	0.34	No	0.40	S1	0.93	12	1.32	8	481	439	0.46	N/A	N/A	N/A
L10	SA-6	6	60	68	58	30	4	4	54	54	12890	1.8	4.49	1.8	4.49	54	374	251	1.38	0.54	0.90	1.26	8.00	602	0.62	No	0.74	S1	0.93	12	1.32	8	481	439	0.85	N/A	N/A	N/A
L10	SA-7	6	60	68	58	30	4	4	54	54	17012	2.3	5.96	2.3	5.96	54	473	251	1.99	0.54	0.90	1.26	8.00	602	0.78	No	0.94	S5	0.93	5	1.32	8	547	479	0.99	N/A	N/A	N/A
L10	SA-8	6	60	74	58	30	4	4	54	54	6273	0.9	2.17	0.9	2.17	54	167	251	0.10	0.54	0.90	1.37	8.00	602	0.28	No	0.33	S1	0.93	12	1.32	8	479	438	0.38	N/A	N/A	N/A
L10	SP-1	6	60	74	58	30	4	4	54	54	6254	0.8	2.16	0.8	2.16	54	168	251	0.11	0.54	0.90	1.37	8.00	602	0.28	No	0.34	S1	0.93	12	1.32	6	622	524	0.32	N/A	N/A	N/A
L10	SP-2	6	60	68	58	30	4	4	54	54	14569	2.0	5.09	2.0	5.09	54	360	251	1.29	0.54	0.90	1.26	8.00	602	0.60	No	0.72	S1	0.93	12	1.32	6	626	526	0.68	N/A	N/A	N/A
L10	SP-3	6	60	68	58	30	4	4	54	54	13196	1.8	4.60	1.8	4.60	54	383	251	1.44	0.54	0.90	1.26	8.00	602	0.64	No	0.76	S1	0.93	12	1.32	6	626	526	0.73	N/A	N/A	N/A
L10	SP-4	6	60	68	58	30	4	4	54	54	7365	1.0	2.55	1.0	2.55	54	164	251	0.09	0.54	0.90	1.26	8.00	602	0.27	No	0.33	S1	0.93	12	1.32	6	626	526	0.31	N/A	N/A	N/A
L10	SP-5	6	60	68	58	30	4	4	54	54	7750	1.1	2.68	1.1	2.68	54	217	251	0.41	0.54	0.90	1.26	8.00	602	0.36	No	0.43	S1	0.93	12	1.32	6	626	526	0.41	N/A	N/A	N/A
L10	SP-6	6	60	68	58	30	4	4	54	54	14019	1.9	4.89	1.9	4.89	54	406	251	1.58	0.54	0.90	1.26	8.00	602	0.67	No	0.81	S1	0.93	12	1.32	6	626	526	0.77	N/A	N/A	N/A
L10	SP-7	6	60	68	58	30	4	4	54	54	18592	2.6	6.53	2.6	6.53	54	517	251	2.26	0.54	0.90	1.26	8.00	602	0.86	Yes	1.03	S3	0.93	8	1.32	6	650	540	0.96	N/A	N/A	N/A
L10	SP-8	6	60	74	58	30	4	4	54	54	7079	1.0	2.45	1.0	2.45	54	188	251	0.23	0.54	0.90	1.37	8.00	602	0.31	No	0.37	S1	0.93	12	1.32	8	479	438	0.43	N/A	N/A	N/A
L9	S1-1	6	60	74	42	30	3	3	39	39	4166	0.8	2.00	0.8	2.00	39	110	181	0.01	0.54	0.90	1.90	8.00	435	0.25	No	0.30	S1	0.93	12	0.93	8	250	259	0.43	N/A	N/A	N/A
L9	S1-2	6	60	68	42	30	3	3	39	39	8426	1.6	4.09	1.6	4.09	39	245	181	1.17	0.54	0.90	1.74	8.00	435	0.56	No	0.68	S3	0.93	8	0.93	8	272	272	0.90	N/A	N/A	N/A
L9	S1-3	6	60	68	42	30	3	3	39	39	8933	1.7	4.34	1.7	4.34	39	262	181	1.31	0.54	0.90	1.74	8.00	435	0.60	No	0.72	S3	0.93	8	0.93	8	272	272	0.96	N/A	N/A	N/A
L9	S1-4	6	60	68	42	30	3	3	39	39	5964	1.1	2.87	1.1	2.87	39	174	181	0.56	0.54	0.90	1.74	8.00	435	0.40	No	0.48	S1	0.93	12	0.93	8	251	260	0.67	N/A	N/A	N/A

Hall of Justice

Shear Wall Spandrel Beam Design

a = d-sqrt(d^2-2Mu/(.85*f'c*.9*b))
As = Mu/(.9fy(d-a/2))
Ah min = 0.0025b
Av min = 0.0015b
Vu max = Φ(2/3)(10+L/d)sqrt(f'c)bd for L/d from 2-5
Vu max = Φ(8)sqrt(f'c)bd for L/d<2
Φ = 0.60

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

Deep beam shear
Vs = [Av/s(1+L/d)/12+Avh/s2(11-L/d)/12]fy*d
Vn =Vc +Vc

Story	ETABS Spandrel	Properties f'c	fy	L	h	b	d't	d'b	dtop	dbot	Flex. Steel Mu	Top a	As	Bot. a	As	Shear Design d	Vu	Vc	Av	Av min	Ah min	L/d	Factor	Vu max	Vu/ Vu max	Vu> 2Vc	Vu/ 2Vc	Deep Beam Shear Check Type	Av	s	Avh	s2	Vs	ΦVn	Vu/ ΦVn	Diag Ste Vu max	Vu max	Ad
		{ksi}	{ksi}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{k-in}	{in}	{in^2}	{in}	{in^2}	{in}	{in^2}	{kips}	{in^2/ft}	{in^2/ft}	{in^2/ft}			{kips}						{in^2}	{in}	{in^2}	{in}	{kips}	{kips}		{kips}		{in^2}
L9	S1-5	6	60	68	42	30	3	3	39	39	5896	1.1	2.84	1.1	2.84	39	172	181	0.54	0.54	0.90	1.74	8.00	435	0.40	No	0.47	S1	0.93	12	0.93	8	251	260	0.66	N/A	N/A	N/A
L9	S1-6	6	60	68	42	30	3	3	39	39	8837	1.7	4.29	1.7	4.29	39	259	181	1.28	0.54	0.90	1.74	8.00	435	0.60	No	0.71	S3	0.93	8	0.93	8	272	272	0.95	N/A	N/A	N/A
L9	S1-7	6	60	68	42	30	3	3	39	39	8289	1.6	4.02	1.6	4.02	39	241	181	1.13	0.54	0.90	1.74	8.00	435	0.55	No	0.67	S3	0.93	8	0.93	8	272	272	0.89	N/A	N/A	N/A
L9	S1-8	6	60	74	42	30	4	4	38	38	4117	0.8	2.03	0.8	2.03	38	109	177	0.03	0.54	0.90	1.95	8.00	424	0.26	No	0.31	S1	0.93	12	0.93	8	243	252	0.43	N/A	N/A	N/A
L9	S12-1	6	60	74	42	30	4	4	38	38	4501	0.9	2.22	0.9	2.22	38	119	177	0.11	0.54	0.90	1.95	8.00	424	0.28	No	0.34	S1	0.93	12	0.93	8	243	252	0.47	N/A	N/A	N/A
L9	S12-2	6	60	68	42	30	4	4	38	38	8874	1.7	4.43	1.7	4.43	38	259	177	1.34	0.54	0.90	1.79	8.00	424	0.61	No	0.73	S3	0.93	8	0.93	8	265	265	0.98	N/A	N/A	N/A
L9	S12-3	6	60	68	42	30	4	4	38	38	9335	1.8	4.66	1.8	4.66	38	273	177	1.47	0.54	0.90	1.79	8.00	424	0.64	No	0.77	S4	0.93	6	0.93	8	286	277	0.99	N/A	N/A	N/A
L9	S12-4	6	60	68	42	30	4	4	38	38	6236	1.2	3.09	1.2	3.09	38	182	177	0.67	0.54	0.90	1.79	8.00	424	0.43	No	0.52	S1	0.93	12	0.93	8	245	253	0.72	N/A	N/A	N/A
L9	S12-5	6	60	68	42	30	4	4	38	38	6190	1.2	3.07	1.2	3.07	38	181	177	0.66	0.54	0.90	1.79	8.00	424	0.43	No	0.51	S1	0.93	12	0.93	8	245	253	0.72	N/A	N/A	N/A
L9	S12-6	6	60	68	42	30	4	4	38	38	9270	1.8	4.63	1.8	4.63	38	272	177	1.45	0.54	0.90	1.79	8.00	424	0.64	No	0.77	S4	0.93	6	0.93	8	286	277	0.98	N/A	N/A	N/A
L9	S12-7	6	60	68	42	30	4	4	38	38	8753	1.7	4.36	1.7	4.36	38	255	177	1.31	0.54	0.90	1.79	8.00	424	0.60	No	0.72	S3	0.93	8	0.93	8	265	265	0.96	N/A	N/A	N/A
L9	S12-8	6	60	74	42	30	4	4	38	38	4356	0.8	2.15	0.8	2.15	38	115	177	0.08	0.54	0.90	1.95	8.00	424	0.27	No	0.33	S1	0.93	12	0.93	8	243	252	0.46	N/A	N/A	N/A
L9	SA-1	6	60	74	42	30	4	4	38	38	4196	0.8	2.07	0.8	2.07	38	111	177	0.04	0.54	0.90	1.95	8.00	424	0.26	No	0.31	S1	0.93	12	0.93	8	243	252	0.44	N/A	N/A	N/A
L9	SA-2	6	60	68	42	30	4	4	38	38	8307	1.6	4.14	1.6	4.14	38	243	177	1.20	0.54	0.90	1.79	8.00	424	0.57	No	0.69	S1	0.93	12	0.93	8	245	253	0.96	N/A	N/A	N/A
L9	SA-3	6	60	68	42	30	4	4	38	38	9097	1.8	4.54	1.8	4.54	38	264	177	1.39	0.54	0.90	1.79	8.00	424	0.62	No	0.75	S4	0.93	6	0.93	8	286	277	0.95	N/A	N/A	N/A
L9	SA-5	6	60	68	42	30	4	4	38	38	6274	1.2	3.11	1.2	3.11	38	183	177	0.68	0.54	0.90	1.79	8.00	424	0.43	No	0.52	S1	0.93	12	0.93	8	245	253	0.73	N/A	N/A	N/A
L9	SA-6	6	60	68	42	30	4	4	38	38	9284	1.8	4.64	1.8	4.64	38	272	177	1.46	0.54	0.90	1.79	8.00	424	0.64	No	0.77	S4	0.93	6	0.93	8	286	277	0.98	N/A	N/A	N/A
L9	SA-7	6	60	68	42	30	4	4	38	38	8821	1.7	4.40	1.7	4.40	38	257	177	1.33	0.54	0.90	1.79	8.00	424	0.61	No	0.73	S2	0.93	10	0.93	8	253	258	1.00	N/A	N/A	N/A
L9	SA-8	6	60	74	42	30	4	4	38	38	4233	0.8	2.09	0.8	2.09	38	112	177	0.05	0.54	0.90	1.95	8.00	424	0.26	No	0.32	S1	0.93	12	0.93	8	243	252	0.44	N/A	N/A	N/A
L9	SP-1	6	60	74	42	30	4	4	38	38	4208	0.8	2.07	0.8	2.07	38	111	177	0.05	0.54	0.90	1.95	8.00	424	0.26	No	0.32	S1	0.93	12	0.93	6	310	292	0.38	N/A	N/A	N/A
L9	SP-2	6	60	68	42	30	4	4	38	38	8495	1.7	4.23	1.7	4.23	38	246	177	1.23	0.54	0.90	1.79	8.00	424	0.58	No	0.70	S1	0.93	12	0.93	6	312	293	0.84	N/A	N/A	N/A
L9	SP-3	6	60	111	24	30	9	4	15	20	1906	1.0	2.43	0.7	1.80	15	74	70	0.72	0.54	0.90	7.40	11.60	243	0.31	No	0.53	S1	0.93	12	0.93	6	91	96	0.77	N/A	N/A	N/A
L9	SP-4	6	60	68	42	30	4	4	38	38	7927	1.5	3.94	1.5	3.94	38	226	177	1.05	0.54	0.90	1.79	8.00	424	0.53	No	0.64	S1	0.93	12	0.93	6	312	293	0.77	N/A	N/A	N/A
L9	SP-5	6	60	68	42	30	4	4	38	38	6877	1.3	3.41	1.3	3.41	38	201	177	0.83	0.54	0.90	1.79	8.00	424	0.47	No	0.57	S1	0.93	12	0.93	6	312	293	0.68	N/A	N/A	N/A
L9	SP-6	6	60	68	42	30	4	4	38	38	10283	2.0	5.15	2.0	5.15	38	301	177	1.71	0.54	0.90	1.79	8.00	424	0.71	No	0.85	S3	0.93	8	0.93	6	333	306	0.99	N/A	N/A	N/A
L9	SP-7	6	60	68	42	30	4	4	38	38	9859	1.9	4.93	1.9	4.93	38	287	177	1.59	0.54	0.90	1.79	8.00	424	0.68	No	0.81	S1	0.93	12	0.93	6	312	293	0.98	N/A	N/A	N/A
L9	SP-8	6	60	74	42	30	4	4	38	38	5004	1.0	2.47	1.0	2.47	38	132	177	0.23	0.54	0.90	1.95	8.00	424	0.31	No	0.37	S1	0.93	12	0.93	6	310	292	0.45	N/A	N/A	N/A
L8	S1-1	6	60	74	82	30	4	4	78	78	17422	1.6	4.18	1.6	4.18	78	467	363	1.07	0.54	0.90	0.95	8.00	870	0.54	No	0.64	S1	0.93	12	0.93	8	515	526	0.89	N/A	N/A	N/A
L8	S1-2	6	60	68	82	30	4	4	78	78	19575	1.8	4.70	1.8	4.70	78	495	363	1.19	0.54	0.90	0.87	8.00	870	0.57	No	0.68	S1	0.93	12	0.93	8	516	527	0.94	N/A	N/A	N/A
L8	S1-3	6	60	68	82	30	4	4	78	78	14821	1.4	3.55	1.4	3.55	78	404	363	0.80	0.54	0.90	0.87	8.00	870	0.46	No	0.56	S1	0.93	12	0.93	8	516	527	0.77	N/A	N/A	N/A
L8	S1-4	6	60	68	82	30	4	4	78	78	9316	0.9	2.22	0.9	2.22	78	237	363	0.08	0.54	0.90	0.87	8.00	870	0.27	No	0.33	S1	0.93	12	0.93	8	516	527	0.45	N/A	N/A	N/A
L8	S1-5	6	60	68	82	30	4	4	78	78	9135	0.9	2.18	0.9	2.18	78	234	363	0.07	0.54	0.90	0.87	8.00	870	0.27	No	0.32	S1	0.93	12	0.93	8	516	527	0.44	N/A	N/A	N/A
L8	S1-6	6	60	68	82	30	4	4	78	78	14757	1.4	3.54	1.4	3.54	78	399	363	0.78	0.54	0.90	0.87	8.00	870	0.46	No	0.55	S1	0.93	12	0.93	8	516	527	0.76	N/A	N/A	N/A
L8	S1-7	6	60	68	82	30	4	4	78	78	19241	1.8	4.62	1.8	4.62	78	484	363	1.14	0.54	0.90	0.87	8.00	870	0.56	No	0.67	S1	0.93	12	0.93	8	516	527	0.92	N/A	N/A	N/A
L8	S1-8	6	60	74	82	30	4	4	78	78	16990	1.6	4.08	1.6	4.08	78	456	363	1.02	0.54	0.90	0.95	8.00	870	0.52	No	0.63	S1	0.93	12	0.93	8	515	526	0.87	N/A	N/A	N/A
L8	S12-1	6	60	74	82	30	4	4	78	78	18317	1.7	4.40	1.7	4.40	78	491	363	1.17	0.54	0.90	0.95	8.00	870	0.56	No	0.68	S1	0.93	12	0.93	8	515	526	0.93	N/A	N/A	N/A
L8	S12-2	6	60	68	82	30	4	4	78	78	20208	1.9	4.86	1.9	4.86	78	511	363	1.26	0.54	0.90	0.87	8.00	870	0.59	No	0.71	S1	0.93	12	0.93	8	516	527	0.97	N/A	N/A	N/A
L8	S12-3	6	60	68	82	30	4	4	78	78	15230	1.4	3.65	1.4	3.65	78	415	363	0.84	0.54	0.90	0.87	8.00	870	0.48	No	0.57	S1	0.93	12	0.93	8	516	527	0.79	N/A	N/A	N/A
L8	S12-4	6	60	68	82	30	4	4	78	78	9587	0.9	2.29	0.9	2.29	78	244	363	0.11	0.54	0.90	0.87	8.00	870	0.28	No	0.34	S1	0.93	12	0.93	8	516	527	0.46	N/A	N/A	N/A
L8	S12-5	6	60	68	82	30	4	4	78	78	9470	0.9	2.26	0.9	2.26	78	242	363	0.11	0.54	0.90	0.87	8.00	870	0.28	No	0.33	S1	0.93	12	0.93	8	516	527	0.46	N/A	N/A	N/A
L8	S12-6	6	60	68	82	30	4	4	78	78	15294	1.4	3.66	1.4	3.66	78	413	363	0.84	0.54	0.90	0.87	8.00	870	0.47	No	0.57	S1	0.93	12	0.93	8	516	527	0.78	N/A	N/A	N/A
L8	S12-7	6	60	68	82	30	4	4	78	78	20044	1.9	4.82	1.9	4.82	78	505	363	1.23	0.54	0.90	0.87	8.00	870	0.58	No	0.70	S1	0.93	12	0.93	8	516	527	0.96	N/A	N/A	N/A
L8	S12-8	6	60	74	82	30	4	4	78	78	17953	1.7	4.31	1.7	4.31	78	481	363	1.13	0.54	0.90	0.95	8.00	870	0.55	No	0.66	S1	0.93	12	0.93	8	515	526	0.91	N/A	N/A	N/A
L8	SA-1	6	60	74	82	30	4	4	78	78	16545	1.6	3.97	1.6	3.97	78	443	363	0.97	0.54	0.90	0.95	8.00	870	0.51	No	0.61	S1	0.93	12	0.93	8	515	526	0.84	N/A	N/A	N/A
L8	SA-2	6	60	68	82	30	4	4	78	78	18938	1.8	4.55	1.8	4.55	78	481	363	1.13	0.54	0.90	0.87	8.00	870	0.55	No	0.66	S1	0.93	12	0.93	8	516	527	0.91	N/A	N/A	N/A
L8	SA-3	6	60	68	82	30	4	4	78	78	12839	1.2	3.07	1.2	3.07	78	377	363	0.68	0.54	0.90	0.87	8.00	870	0.43	No	0.52	S1	0.93	12	0.93	8	516	527	0.72	N/A	N/A	N/A
L8	SA-4	6	60	68	82	30	4	4	78	78	14531	1.4	3.48	1.4	3.48	78	383	363	0.71	0.54	0.90	0.87	8.00	870	0.44	No	0.53	S1	0.93	12	0.93	8	516	527	0.73	N/A	N/A	N/A
L8	SA-5	6	60	68	82	30	4	4	78	78	9086	0.9	2.17	0.9	2.17	78	233	363	0.06	0.54	0.90	0.87	8.00	870	0.27	No	0.32	S1	0.93	12	0.93	8	516	527	0.44	N/A	N/A	N/A
L8	SA-6	6	60	68	82	30	4	4	78	78	14699	1.4	3.52	1.4	3.52	78	397	363	0.77	0.54	0.90	0.87	8.00	870	0.48	No	0.55	S1	0.93	12	0.93	8	516	527	0.75	N/A	N/A	N/A

Hall of Justice

Shear Wall Spandrel Beam Design

a = d-sqrt(d^2-2Mu/(.85*f'c*.9*b))
As = Mu/(.9fy(d-a/2))
Ah min = 0.0025b
Av min = 0.0015b
Vu max = Φ(2/3)(10+L/d)sqrt(f'c)bd for L/d from 2-5
Vu max = Φ(8)sqrt(f'c)bd for L/d<2
Φ = 0.60

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

Deep beam shear
Vs = [Av/s(1+L/d)/12+Avh/s2(11-L/d)/12]fy*d
Vn =Vc +Vc

Story	ETABS Spandrel	Properties f'c {ksi}	fy {ksi}	L {in}	h {in}	b {in}	d't {in}	d'b {in}	dtop {in}	dbot {in}	Flex. Steel Mu {k-in}	Top a {in}	Top As {in^2}	Bot. a {in}	Bot. As {in^2}	Shear Design d {in}	Vu {in^2}	Vc {kips}	Av {in^2/ft}	Av min {in^2/ft}	Ah min {in^2/ft}	L/d	Factor	Vu max {kips}	Vu/ Vu max	Vu> 2Vc	Vu/ 2Vc	Deep Beam Shear Check Type	Av {in^2}	s {in}	Avh {in^2}	s2 {in}	Vs {kips}	ΦVn {kips}	Vu/ ΦVn	Diag Ste Vu max {kips}	Vu/ Vu max	Ad {in^2}
L8	SA-7	6	60	68	82	30	4	4	78	78	19194	1.8	4.61	1.8	4.61	78	483	363	1.13	0.54	0.90	0.87	8.00	870	0.55	No	0.67	S1	0.93	12	0.93	8	516	527	0.92	N/A	N/A	N/A
L8	SA-8	6	60	74	82	30	4	4	78	78	16618	1.6	3.99	1.6	3.99	78	445	363	0.97	0.54	0.90	0.95	8.00	870	0.51	No	0.61	S1	0.93	12	0.93	8	515	526	0.85	N/A	N/A	N/A
L8	SP-1	6	60	74	82	30	4	4	78	78	18453	1.7	4.43	1.7	4.43	78	499	363	1.20	0.54	0.90	0.95	8.00	870	0.57	No	0.69	S1	0.93	12	0.93	6	667	617	0.81	N/A	N/A	N/A
L8	SP-2	6	60	68	82	30	4	4	78	78	17530	1.6	4.21	1.6	4.21	78	337	363	0.51	0.54	0.90	0.87	8.00	870	0.39	No	0.47	S1	0.93	12	0.93	6	669	619	0.55	N/A	N/A	N/A
L8	SP-3	6	60	111	53	30	9	4	44	49	6121	1.0	2.61	0.9	2.34	44	219	204	0.73	0.54	0.90	2.52	8.35	512	0.43	No	0.54	S1	0.93	12	0.93	6	349	332	0.66	N/A	N/A	N/A
L8	SP-4	6	60	68	82	30	4	4	78	78	8952	0.8	2.14	0.8	2.14	78	139	363	0.00	0.54	0.90	0.87	8.00	870	0.16	No	0.19	S1	0.93	12	0.93	6	669	619	0.22	N/A	N/A	N/A
L8	SP-5	6	60	68	82	30	4	4	78	78	10557	1.0	2.52	1.0	2.52	78	270	363	0.22	0.54	0.90	0.87	8.00	870	0.31	No	0.37	S1	0.93	12	0.93	6	669	619	0.44	N/A	N/A	N/A
L8	SP-6	6	60	68	82	30	4	4	78	78	16856	1.6	4.04	1.6	4.04	78	454	363	1.01	0.54	0.90	0.87	8.00	870	0.52	No	0.63	S1	0.93	12	0.93	6	669	619	0.73	N/A	N/A	N/A
L8	SP-7	6	60	68	82	30	4	4	78	78	22432	2.1	5.40	2.1	5.40	78	565	363	1.48	0.54	0.90	0.87	8.00	870	0.65	No	0.78	S3	0.93	8	0.93	6	697	636	0.89	N/A	N/A	N/A
L8	SP-8	6	60	74	82	30	4	4	78	78	20845	2.0	5.01	2.0	5.01	78	559	363	1.46	0.54	0.90	0.95	8.00	870	0.64	No	0.77	S1	0.93	12	0.93	6	667	617	0.91	N/A	N/A	N/A
L7	S1-1	6	60	74	55	30	4	4	51	51	13094	1.9	4.84	1.9	4.84	51	349	237	1.35	0.54	0.90	1.45	8.00	569	0.61	No	0.74	S1	0.93	12	0.93	6	426	398	0.88	N/A	N/A	N/A
L7	S1-2	6	60	68	55	30	4	4	51	51	13270	1.9	4.91	1.9	4.91	51	375	237	1.52	0.54	0.90	1.33	8.00	569	0.66	No	0.79	S1	0.93	12	0.93	6	428	399	0.94	N/A	N/A	N/A
L7	S1-3	6	60	68	55	30	4	4	51	51	11079	1.6	4.09	1.6	4.09	51	323	237	1.18	0.54	0.90	1.33	8.00	569	0.57	No	0.68	S1	0.93	12	0.93	6	428	399	0.81	N/A	N/A	N/A
L7	S1-4	6	60	68	55	30	4	4	51	51	7066	1.0	2.59	1.0	2.59	51	203	237	0.40	0.54	0.90	1.33	8.00	569	0.36	No	0.43	S1	0.93	12	0.93	6	428	399	0.51	N/A	N/A	N/A
L7	S1-5	6	60	68	55	30	4	4	51	51	6935	1.0	2.54	1.0	2.54	51	200	237	0.38	0.54	0.90	1.33	8.00	569	0.35	No	0.42	S1	0.93	12	0.93	6	428	399	0.50	N/A	N/A	N/A
L7	S1-6	6	60	68	55	30	4	4	51	51	10941	1.6	4.04	1.6	4.04	51	318	237	1.15	0.54	0.90	1.33	8.00	569	0.56	No	0.67	S1	0.93	12	0.93	6	428	399	0.80	N/A	N/A	N/A
L7	S1-7	6	60	68	55	30	4	4	51	51	12956	1.9	4.79	1.9	4.79	51	365	237	1.46	0.54	0.90	1.33	8.00	569	0.64	No	0.77	S1	0.93	12	0.93	6	428	399	0.92	N/A	N/A	N/A
L7	S1-8	6	60	74	55	30	4	4	51	51	12710	1.8	4.70	1.8	4.70	51	339	237	1.29	0.54	0.90	1.45	8.00	569	0.60	No	0.72	S1	0.93	12	0.93	6	426	398	0.85	N/A	N/A	N/A
L7	S12-1	6	60	74	55	30	4	4	51	51	13332	1.9	4.93	1.9	4.93	51	356	237	1.40	0.54	0.90	1.45	8.00	569	0.63	No	0.75	S1	0.93	12	0.93	6	426	398	0.89	N/A	N/A	N/A
L7	S12-2	6	60	68	55	30	4	4	51	51	13378	1.9	4.95	1.9	4.95	51	378	237	1.54	0.54	0.90	1.33	8.00	569	0.66	No	0.80	S1	0.93	12	0.93	6	428	399	0.95	N/A	N/A	N/A
L7	S12-3	6	60	68	55	30	4	4	51	51	11146	1.6	4.11	1.6	4.11	51	325	237	1.20	0.54	0.90	1.33	8.00	569	0.57	No	0.69	S1	0.93	12	0.93	6	428	399	0.81	N/A	N/A	N/A
L7	S12-4	6	60	68	55	30	4	4	51	51	7091	1.0	2.60	1.0	2.60	51	204	237	0.40	0.54	0.90	1.33	8.00	569	0.36	No	0.43	S1	0.93	12	0.93	6	428	399	0.51	N/A	N/A	N/A
L7	S12-5	6	60	68	55	30	4	4	51	51	7027	1.0	2.58	1.0	2.58	51	202	237	0.39	0.54	0.90	1.33	8.00	569	0.36	No	0.43	S1	0.93	12	0.93	6	428	399	0.51	N/A	N/A	N/A
L7	S12-6	6	60	68	55	30	4	4	51	51	11140	1.6	4.11	1.6	4.11	51	324	237	1.19	0.54	0.90	1.33	8.00	569	0.57	No	0.68	S1	0.93	12	0.93	6	428	399	0.81	N/A	N/A	N/A
L7	S12-7	6	60	68	55	30	4	4	51	51	13252	1.9	4.90	1.9	4.90	51	374	237	1.51	0.54	0.90	1.33	8.00	569	0.66	No	0.79	S1	0.93	12	0.93	6	428	399	0.94	N/A	N/A	N/A
L7	S12-8	6	60	74	55	30	4	4	51	51	13156	1.9	4.87	1.9	4.87	51	351	237	1.37	0.54	0.90	1.45	8.00	569	0.62	No	0.74	S1	0.93	12	0.93	6	426	398	0.88	N/A	N/A	N/A
L7	SA-1	6	60	74	55	30	4	4	51	51	12166	1.8	4.50	1.8	4.50	51	325	237	1.19	0.54	0.90	1.45	8.00	569	0.57	No	0.68	S1	0.93	12	0.93	6	426	398	0.82	N/A	N/A	N/A
L7	SA-2	6	60	68	55	30	4	4	51	51	12717	1.8	4.70	1.8	4.70	51	358	237	1.41	0.54	0.90	1.33	8.00	569	0.63	No	0.75	S1	0.93	12	0.93	6	428	399	0.90	N/A	N/A	N/A
L7	SA-3	6	60	68	55	30	4	4	51	51	11584	1.7	4.28	1.7	4.28	51	339	237	1.29	0.54	0.90	1.33	8.00	569	0.60	No	0.71	S1	0.93	12	0.93	6	428	399	0.85	N/A	N/A	N/A
L7	SA-4	6	60	68	55	30	4	4	51	51	10950	1.6	4.04	1.6	4.04	51	310	237	1.10	0.54	0.90	1.33	8.00	569	0.54	No	0.65	S1	0.93	12	0.93	6	428	399	0.78	N/A	N/A	N/A
L7	SA-5	6	60	68	55	30	4	4	51	51	6617	1.0	2.43	1.0	2.43	51	191	237	0.32	0.54	0.90	1.33	8.00	569	0.34	No	0.40	S1	0.93	12	0.93	6	428	399	0.48	N/A	N/A	N/A
L7	SA-6	6	60	68	55	30	4	4	51	51	10546	1.5	3.89	1.5	3.89	51	306	237	1.07	0.54	0.90	1.33	8.00	569	0.54	No	0.65	S1	0.93	12	0.93	6	428	399	0.77	N/A	N/A	N/A
L7	SA-7	6	60	68	55	30	4	4	51	51	12450	1.8	4.60	1.8	4.60	51	351	237	1.37	0.54	0.90	1.33	8.00	569	0.62	No	0.74	S1	0.93	12	0.93	6	428	399	0.88	N/A	N/A	N/A
L7	SA-8	6	60	74	55	30	4	4	51	51	12142	1.8	4.49	1.8	4.49	51	324	237	1.19	0.54	0.90	1.45	8.00	569	0.57	No	0.68	S1	0.93	12	0.93	6	426	398	0.82	N/A	N/A	N/A
L7	SP-1	6	60	74	55	30	4	4	51	51	12925	1.9	4.78	1.9	4.78	51	345	237	1.33	0.54	0.90	1.45	8.00	569	0.61	No	0.73	S1	0.93	12	0.93	6	426	398	0.87	N/A	N/A	N/A
L7	SP-2	6	60	68	55	30	4	4	51	51	14121	2.1	5.23	2.1	5.23	51	399	237	1.68	0.54	0.90	1.33	8.00	569	0.70	No	0.84	S1	0.93	12	0.93	6	428	399	1.00	N/A	N/A	N/A
L7	SP-3	6	60	68	27	30	9	4	18	23	5100	2.2	5.59	1.7	4.26	18	145	84	1.76	0.54	0.90	3.78	9.19	231	0.63	No	0.87	S4	0.93	6	0.93	6	167	151	0.96	N/A	N/A	N/A
L7	SP-4	6	60	68	55	30	4	4	51	51	7553	1.1	2.77	1.1	2.77	51	210	237	0.45	0.54	0.90	1.33	8.00	569	0.37	No	0.44	S1	0.93	12	0.93	6	428	399	0.53	N/A	N/A	N/A
L7	SP-5	6	60	68	55	30	4	4	51	51	7378	1.1	2.71	1.1	2.71	51	213	237	0.46	0.54	0.90	1.33	8.00	569	0.37	No	0.45	S1	0.93	12	0.93	6	428	399	0.53	N/A	N/A	N/A
L7	SP-6	6	60	68	55	30	4	4	51	51	11765	1.7	4.34	1.7	4.34	51	342	237	1.30	0.54	0.90	1.33	8.00	569	0.60	No	0.72	S1	0.93	12	0.93	6	428	399	0.86	N/A	N/A	N/A
L7	SP-7	6	60	68	55	30	4	4	51	51	14114	2.1	5.23	2.1	5.23	51	398	237	1.67	0.54	0.90	1.33	8.00	569	0.70	No	0.84	S3	0.93	8	0.93	6	451	413	0.96	N/A	N/A	N/A
L7	SP-8	6	60	74	55	30	4	4	51	51	14345	2.1	5.32	2.1	5.32	51	383	237	1.57	0.54	0.90	1.45	8.00	569	0.67	No	0.81	S1	0.93	12	0.93	6	426	398	0.96	N/A	N/A	N/A
L6	S1-1	6	60	74	52	30	4	4	48	48	14268	2.2	5.63	2.2	5.63	48	383	223	1.73	0.54	0.90	1.54	8.00	535	0.71	No	0.86	S3	0.93	8	0.93	6	423	388	0.99	N/A	N/A	N/A
L6	S1-2	6	60	68	52	30	4	4	48	48	13346	2.1	5.26	2.1	5.26	48	379	223	1.70	0.54	0.90	1.42	8.00	535	0.71	No	0.85	S2	0.93	10	0.93	6	410	380	1.00	N/A	N/A	N/A
L6	S1-3	6	60	68	52	30	4	4	48	48	10943	1.7	4.30	1.7	4.30	48	318	223	1.28	0.54	0.90	1.42	8.00	535	0.59	No	0.71	S1	0.93	12	0.93	6	401	375	0.85	N/A	N/A	N/A
L6	S1-4	6	60	68	52	30	4	4	48	48	7197	1.1	2.81	1.1	2.81	48	207	223	0.51	0.54	0.90	1.42	8.00	535	0.39	No	0.46	S1	0.93	12	0.93	6	401	375	0.55	N/A	N/A	N/A
L6	S1-5	6	60	68	52	30	4	4	48	48	7080	1.1	2.76	1.1	2.76	48	204	223	0.48	0.54	0.90	1.42	8.00	535	0.38	No	0.46	S1	0.93	12	0.93	6	401	375	0.54	N/A	N/A	N/A
L6	S1-6	6	60	68	52	30	4	4	48	48	10791	1.7	4.24	1.7	4.24	48	313	223	1.24	0.54	0.90	1.42	8.00	535	0.58	No	0.70	S1	0.93	12	0.93	6	401	375	0.83	N/A	N/A	N/A
L6	S1-7	6	60	68	52	30	4	4	48	48	13039	2.0	5.14	2.0	5.14	48	369	223	1.64	0.54	0.90	1.42	8.00	535	0.69	No	0.83	S2	0.93	10	0.93	6	410	380	0.97	N/A	N/A	N/A

Hall of Justice

Shear Wall Spandrel Beam Design

a = d-sqrt(d^2-2Mu/(.85*f'c*.9*b))
As = Mu/(.9fy(d-a/2))
Ah min = 0.0025b
Av min = 0.0015b
Vu max = Φ(2/3)(10+L/d)sqrt(f'c)bd for L/d from 2-5
Vu max = Φ(8)sqrt(f'c)bd for L/d<2
Φ = 0.60

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

Deep beam shear
Vs = [Av/s(1+L/d)/12+Avh/s2(11-L/d)/12]fy*d
Vn =Vc +Vc

Story	ETABS Spandrel	Properties f'c	fy	L	h	b	d't	d'b	dtop	dbot	Flex. Steel Mu	a	Top As	a	Bot. As	Shear Design d	Vu	Vc	Av	Av min	Ah min	L/d	Factor	Vu max	Vu/ Vu max	Vu> 2Vc	Vu/ 2Vc	Deep Beam Shear Check Type	Av	s	Avh	s2	Vs	ΦVn	Vu/ ΦVn	Diag Ste Vu max	Vu max	Ad
		{ksi}	{ksi}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{k-in}	{in}	{in^2}	{in}	{in^2}	{in}	{in^2}	{kips}	{in^2/ft}	{in^2/ft}	{in^2/ft}			{kips}					{in^2}	{in}	{in^2}	{in}	{kips}	{kips}		{kips}		{in^2}
L6	S1-8	6	60	74	52	30	4	4	48	48	13847	2.1	5.46	2.1	5.46	48	372	223	1.65	0.54	0.90	1.54	8.00	535	0.69	No	0.83	S3	0.93	8	0.93	6	423	388	0.96	N/A	N/A	N/A
L6	S12-1	6	60	74	52	30	4	4	48	48	14331	2.2	5.66	2.2	5.66	48	384	223	1.74	0.54	0.90	1.54	8.00	535	0.72	No	0.86	S3	0.93	8	0.93	6	423	388	0.99	N/A	N/A	N/A
L6	S12-2	6	60	68	52	30	4	4	48	48	13219	2.0	5.21	2.0	5.21	48	375	223	1.67	0.54	0.90	1.42	8.00	535	0.70	No	0.84	S2	0.93	10	0.93	6	410	380	0.99	N/A	N/A	N/A
L6	S12-3	6	60	68	52	30	4	4	48	48	10806	1.7	4.24	1.7	4.24	48	314	223	1.25	0.54	0.90	1.42	8.00	535	0.59	No	0.70	S1	0.93	12	0.93	6	401	375	0.84	N/A	N/A	N/A
L6	S12-4	6	60	68	52	30	4	4	48	48	7096	1.1	2.77	1.1	2.77	48	204	223	0.48	0.54	0.90	1.42	8.00	535	0.38	No	0.46	S1	0.93	12	0.93	6	401	375	0.54	N/A	N/A	N/A
L6	S12-5	6	60	68	52	30	4	4	48	48	7054	1.1	2.75	1.1	2.75	48	203	223	0.48	0.54	0.90	1.42	8.00	535	0.38	No	0.45	S1	0.93	12	0.93	6	401	375	0.54	N/A	N/A	N/A
L6	S12-6	6	60	68	52	30	4	4	48	48	10818	1.7	4.25	1.7	4.25	48	313	223	1.25	0.54	0.90	1.42	8.00	535	0.59	No	0.70	S1	0.93	12	0.93	6	401	375	0.84	N/A	N/A	N/A
L6	S12-7	6	60	68	52	30	4	4	48	48	13154	2.0	5.18	2.0	5.18	48	373	223	1.66	0.54	0.90	1.42	8.00	535	0.70	No	0.84	S2	0.93	10	0.93	6	410	380	0.98	N/A	N/A	N/A
L6	S12-8	6	60	74	52	30	4	4	48	48	14186	2.2	5.60	2.2	5.60	48	381	223	1.71	0.54	0.90	1.54	8.00	535	0.71	No	0.85	S3	0.93	8	0.93	6	423	388	0.98	N/A	N/A	N/A
L6	SA-1	6	60	74	52	30	4	4	48	48	13365	2.1	5.27	2.1	5.27	48	359	223	1.56	0.54	0.90	1.54	8.00	535	0.67	No	0.80	S1	0.93	12	0.93	6	399	373	0.96	N/A	N/A	N/A
L6	SA-2	6	60	68	52	30	4	4	48	48	13054	2.0	5.14	2.0	5.14	48	370	223	1.64	0.54	0.90	1.42	8.00	535	0.69	No	0.83	S1	0.93	12	0.93	6	401	375	0.99	N/A	N/A	N/A
L6	SA-3	6	60	68	52	30	4	4	48	48	11507	1.8	4.52	1.8	4.52	48	335	223	1.40	0.54	0.90	1.42	8.00	535	0.63	No	0.75	S1	0.93	12	0.93	6	401	375	0.89	N/A	N/A	N/A
L6	SA-4	6	60	68	52	30	4	4	48	48	8292	1.3	3.24	1.3	3.24	48	239	223	0.73	0.54	0.90	1.42	8.00	535	0.45	No	0.54	S1	0.93	12	0.93	6	401	375	0.64	N/A	N/A	N/A
L6	SA-5	6	60	68	52	30	4	4	48	48	6752	1.0	2.63	1.0	2.63	48	194	223	0.42	0.54	0.90	1.42	8.00	535	0.36	No	0.44	S1	0.93	12	0.93	6	401	375	0.52	N/A	N/A	N/A
L6	SA-6	6	60	68	52	30	4	4	48	48	10334	1.6	4.05	1.6	4.05	48	299	223	1.15	0.54	0.90	1.42	8.00	535	0.56	No	0.67	S1	0.93	12	0.93	6	401	375	0.80	N/A	N/A	N/A
L6	SA-7	6	60	68	52	30	4	4	48	48	12516	1.9	4.93	1.9	4.93	48	355	223	1.53	0.54	0.90	1.42	8.00	535	0.66	No	0.80	S1	0.93	12	0.93	6	401	375	0.95	N/A	N/A	N/A
L6	SA-8	6	60	74	52	30	4	4	48	48	13340	2.1	5.26	2.1	5.26	48	358	223	1.56	0.54	0.90	1.54	8.00	535	0.67	No	0.80	S1	0.93	12	0.93	6	399	373	0.96	N/A	N/A	N/A
L6	SP-1	6	60	74	52	30	4	4	48	48	13918	2.2	5.49	2.2	5.49	48	373	223	1.66	0.54	0.90	1.54	8.00	535	0.70	No	0.84	S1	0.93	12	0.93	6	399	373	1.00	N/A	N/A	N/A
L6	SP-2	6	60	68	52	30	4	4	48	48	14167	2.2	5.59	2.2	5.59	48	400	223	1.85	0.54	0.90	1.42	8.00	535	0.75	No	0.90	S5	0.93	5	0.93	6	464	412	0.97	N/A	N/A	N/A
L6	SP-3	6	60	68	52	30	4	4	48	48	14891	2.3	5.89	2.3	5.89	48	438	223	2.11	0.54	0.90	1.42	8.00	535	0.82	No	0.98	S6	0.93	4	0.93	6	491	429	1.02	N/A	N/A	N/A
L6	SP-4	6	60	68	52	30	4	4	48	48	6634	1.0	2.59	1.0	2.59	48	182	223	0.33	0.54	0.90	1.42	8.00	535	0.34	No	0.41	S1	0.93	12	0.93	6	401	375	0.49	N/A	N/A	N/A
L6	SP-5	6	60	68	52	30	4	4	48	48	6977	1.1	2.72	1.1	2.72	48	201	223	0.46	0.54	0.90	1.42	8.00	535	0.37	No	0.45	S1	0.93	12	0.93	6	401	375	0.54	N/A	N/A	N/A
L6	SP-6	6	60	68	52	30	4	4	48	48	10886	1.7	4.27	1.7	4.27	48	315	223	1.26	0.54	0.90	1.42	8.00	535	0.59	No	0.71	S1	0.93	12	0.93	6	401	375	0.84	N/A	N/A	N/A
L6	SP-7	6	60	68	52	30	4	4	48	48	13317	2.1	5.25	2.1	5.25	48	378	223	1.69	0.54	0.90	1.42	8.00	535	0.71	No	0.85	S2	0.93	10	0.93	6	410	380	0.99	N/A	N/A	N/A
L6	SP-8	6	60	74	52	30	4	4	48	48	14792	2.3	5.85	2.3	5.85	48	397	223	1.83	0.54	0.90	1.54	8.00	535	0.74	No	0.89	S4	0.93	6	0.93	6	446	402	0.99	N/A	N/A	N/A
L5	S1-1	6	60	74	51	30	4	4	47	47	15404	2.4	6.23	2.4	6.23	47	412	218	1.99	0.54	0.90	1.57	8.00	524	0.79	No	0.94	S6	0.93	4	0.93	6	484	421	0.98	N/A	N/A	N/A
L5	S1-2	6	60	68	51	30	4	4	47	47	13881	2.2	5.60	2.2	5.60	47	391	218	1.84	0.54	0.90	1.45	8.00	524	0.75	No	0.89	S4	0.93	6	0.93	6	437	393	0.99	N/A	N/A	N/A
L5	S1-3	6	60	68	51	30	4	4	47	47	10679	1.7	4.28	1.7	4.28	47	309	218	1.26	0.54	0.90	1.45	8.00	524	0.59	No	0.71	S1	0.93	12	0.93	6	393	367	0.84	N/A	N/A	N/A
L5	S1-4	6	60	68	51	30	4	4	47	47	7356	1.2	2.93	1.2	2.93	47	210	218	0.56	0.54	0.90	1.45	8.00	524	0.40	No	0.48	S1	0.93	12	0.93	6	393	367	0.57	N/A	N/A	N/A
L5	S1-5	6	60	68	51	30	4	4	47	47	7247	1.1	2.89	1.1	2.89	47	208	218	0.54	0.54	0.90	1.45	8.00	524	0.40	No	0.48	S1	0.93	12	0.93	6	393	367	0.57	N/A	N/A	N/A
L5	S1-6	6	60	68	51	30	4	4	47	47	10514	1.7	4.22	1.7	4.22	47	303	218	1.22	0.54	0.90	1.45	8.00	524	0.58	No	0.69	S1	0.93	12	0.93	6	393	367	0.83	N/A	N/A	N/A
L5	S1-7	6	60	68	51	30	4	4	47	47	13446	2.1	5.42	2.1	5.42	47	378	218	1.75	0.54	0.90	1.45	8.00	524	0.72	No	0.87	S3	0.93	8	0.93	6	415	380	0.99	N/A	N/A	N/A
L5	S1-8	6	60	74	51	30	4	4	47	47	14803	2.3	5.98	2.3	5.98	47	396	218	1.88	0.54	0.90	1.57	8.00	524	0.76	No	0.91	S5	0.93	5	0.93	6	456	405	0.98	N/A	N/A	N/A
L5	S12-1	6	60	74	51	30	4	4	47	47	15363	2.4	6.21	2.4	6.21	47	411	218	1.99	0.54	0.90	1.57	8.00	524	0.78	No	0.94	S6	0.93	4	0.93	6	484	421	0.98	N/A	N/A	N/A
L5	S12-2	6	60	68	51	30	4	4	47	47	13587	2.1	5.48	2.1	5.48	47	382	218	1.78	0.54	0.90	1.45	8.00	524	0.73	No	0.88	S4	0.93	6	0.93	6	437	393	0.97	N/A	N/A	N/A
L5	S12-3	6	60	68	51	30	4	4	47	47	10416	1.6	4.18	1.6	4.18	47	301	218	1.20	0.54	0.90	1.45	8.00	524	0.57	No	0.69	S1	0.93	12	0.93	6	393	367	0.82	N/A	N/A	N/A
L5	S12-4	6	60	68	51	30	4	4	47	47	7147	1.1	2.85	1.1	2.85	47	205	218	0.52	0.54	0.90	1.45	8.00	524	0.39	No	0.47	S1	0.93	12	0.93	6	393	367	0.56	N/A	N/A	N/A
L5	S12-5	6	60	68	51	30	4	4	47	47	7121	1.1	2.84	1.1	2.84	47	204	218	0.52	0.54	0.90	1.45	8.00	524	0.39	No	0.47	S1	0.93	12	0.93	6	393	367	0.56	N/A	N/A	N/A
L5	S12-6	6	60	68	51	30	4	4	47	47	10444	1.6	4.19	1.6	4.19	47	300	218	1.20	0.54	0.90	1.45	8.00	524	0.57	No	0.69	S1	0.93	12	0.93	6	393	367	0.82	N/A	N/A	N/A
L5	S12-7	6	60	68	51	30	4	4	47	47	13515	2.1	5.45	2.1	5.45	47	380	218	1.76	0.54	0.90	1.45	8.00	524	0.72	No	0.87	S4	4	6	0.93	6	731	570	0.67	N/A	N/A	N/A
L5	S12-8	6	60	74	51	30	4	4	47	47	15239	2.4	6.16	2.4	6.16	47	408	218	1.96	0.54	0.90	1.57	8.00	524	0.78	No	0.93	S6	0.93	4	0.93	6	484	421	0.97	N/A	N/A	N/A
L5	SA-1	6	60	74	51	30	4	4	47	47	14452	2.3	5.84	2.3	5.84	47	387	218	1.81	0.54	0.90	1.57	8.00	524	0.74	No	0.89	S4	0.93	6	0.93	6	437	393	0.98	N/A	N/A	N/A
L5	SA-2	6	60	68	51	30	4	4	47	47	13547	2.1	5.46	2.1	5.46	47	381	218	1.77	0.54	0.90	1.45	8.00	524	0.73	No	0.87	S4	0.93	6	0.93	6	437	393	0.97	N/A	N/A	N/A
L5	SA-3	6	60	68	51	30	4	4	47	47	11487	1.8	4.61	1.8	4.61	47	331	218	1.42	0.54	0.90	1.45	8.00	524	0.63	No	0.76	S1	0.93	12	0.93	6	393	367	0.90	N/A	N/A	N/A
L5	SA-4	6	60	68	51	30	4	4	47	47	8210	1.3	3.28	1.3	3.28	47	237	218	0.75	0.54	0.90	1.45	8.00	524	0.45	No	0.54	S1	0.93	12	0.93	6	393	367	0.65	N/A	N/A	N/A
L5	SA-5	6	60	68	51	30	4	4	47	47	6969	1.1	2.78	1.1	2.78	47	200	218	0.49	0.54	0.90	1.45	8.00	524	0.38	No	0.46	S1	0.93	12	0.93	6	393	367	0.55	N/A	N/A	N/A
L5	SA-6	6	60	68	51	30	4	4	47	47	10063	1.6	4.03	1.6	4.03	47	289	218	1.12	0.54	0.90	1.45	8.00	524	0.55	No	0.66	S1	0.93	12	0.93	6	393	367	0.79	N/A	N/A	N/A
L5	SA-7	6	60	68	51	30	4	4	47	47	13007	2.1	5.24	2.1	5.24	47	365	218	1.66	0.54	0.90	1.45	8.00	524	0.70	No	0.84	S3	0.93	8	0.93	6	415	380	0.96	N/A	N/A	N/A
L5	SA-8	6	60	74	51	30	4	4	47	47	14483	2.3	5.85	2.3	5.85	47	388	218	1.82	0.54	0.90	1.57	8.00	524	0.74	No	0.89	S4	0.93	6	0.93	6	437	393	0.99	N/A	N/A	N/A

Hall of Justice

Shear Wall Spandrel Beam Design

a = d-sqrt(d^2-2Mu/(.85*f'c*.9*b))
As = Mu/(.9fy(d-a/2))
Ah min = 0.0025b
Av min = 0.0015b
Vu max = Φ(2/3)(10+L/d)sqrt(f'c)bd for L/d from 2-5
Vu max = Φ(8)sqrt(f'c)bd for L/d<2
Φ = 0.60

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

Deep beam shear
Vs = [Av/s(1+L/d)/12+Avh/s2(11-L/d)/12]fy*d
Vn =Vc +Vc

Story	ETABS Spandrel	Properties f'c	fy	L	h	b	d't	d'b	dtop	dbot	Flex. Steel Mu	a	Top As	a	Bot. As	Shear Design d	Vu	Vc	Av	Av min	Ah min	L/d	Factor	Vu max	Vu/ Vu max	Vu> 2Vc	Vu/ 2Vc	Deep Beam Shear Check Type	Av	s	Avh	s2	Vs	ΦVn	Vu/ ΦVn	Diag Ste Vu max	Vu max	Ad
		{ksi}	{ksi}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{k-in}	{in}	{in^2}	{in}	{in^2}	{in}	{in^2}	{kips}	{in^2/ft}	{in^2/ft}	{in^2/ft}			{kips}					{in^2}	{in}	{in^2}	{in}	{kips}	{kips}		{kips}		{in^2}
L5	SP-1	6	60	74	51	30	4	4	47	47	15019	2.4	6.07	2.4	6.07	47	402	218	1.92	0.54	0.90	1.57	8.00	524	0.77	No	0.92	S2	0.93	10	1.32	6	544	457	0.88	N/A	N/A	N/A
L5	SP-2	6	60	68	51	30	4	4	47	47	14422	2.3	5.82	2.3	5.82	47	406	218	1.95	0.54	0.90	1.45	8.00	524	0.77	No	0.93	S3	0.93	8	1.32	6	561	468	0.87	N/A	N/A	N/A
L5	SP-3	6	60	68	51	30	4	4	47	47	12849	2.0	5.17	2.0	5.17	47	371	218	1.70	0.54	0.90	1.45	8.00	524	0.71	No	0.85	S2	0.93	10	1.32	6	547	459	0.81	N/A	N/A	N/A
L5	SP-4	6	60	68	51	30	4	4	47	47	7471	1.2	2.98	1.2	2.98	47	215	218	0.59	0.54	0.90	1.45	8.00	524	0.41	No	0.49	S1	0.93	12	1.32	6	538	454	0.47	N/A	N/A	N/A
L5	SP-5	6	60	68	51	30	4	4	47	47	6963	1.1	2.78	1.1	2.78	47	200	218	0.49	0.54	0.90	1.45	8.00	524	0.38	No	0.46	S1	0.93	12	1.32	6	538	454	0.44	N/A	N/A	N/A
L5	SP-6	6	60	68	51	30	4	4	47	47	10312	1.6	4.13	1.6	4.13	47	296	218	1.17	0.54	0.90	1.45	8.00	524	0.57	No	0.68	S1	0.93	12	1.32	6	538	454	0.65	N/A	N/A	N/A
L5	SP-7	6	60	68	51	30	4	4	47	47	13597	2.2	5.48	2.2	5.48	47	382	218	1.78	0.54	0.90	1.45	8.00	524	0.73	No	0.87	S2	0.93	10	1.32	6	547	459	0.83	N/A	N/A	N/A
L5	SP-8	6	60	74	51	30	4	4	47	47	16039	2.5	6.50	2.5	6.50	47	429	218	2.12	0.54	0.90	1.57	8.00	524	0.82	No	0.98	S5	0.93	5	1.32	6	600	491	0.87	N/A	N/A	N/A
L4	S1-1	6	60	74	92	30	4	4	88	88	28644	2.4	6.11	2.4	6.11	88	757	409	1.94	0.54	0.90	0.84	8.00	982	0.77	No	0.93	S1	0.93	12	0.93	6	756	699	1.08	N/A	N/A	N/A
L4	S1-2	6	60	68	92	30	4	4	88	88	25284	2.1	5.39	2.1	5.39	88	668	409	1.60	0.54	0.90	0.77	8.00	982	0.68	No	0.82	S1	0.93	12	0.93	6	758	700	0.95	N/A	N/A	N/A
L4	S1-3	6	60	68	92	30	4	4	88	88	20436	1.7	4.34	1.7	4.34	88	560	409	1.19	0.54	0.90	0.77	8.00	982	0.57	No	0.69	S1	0.93	12	0.93	6	758	700	0.80	N/A	N/A	N/A
L4	S1-4	6	60	68	92	30	4	4	88	88	11031	0.9	2.33	0.9	2.33	88	276	409	0.11	0.54	0.90	0.77	8.00	982	0.28	No	0.34	S1	0.93	12	0.93	6	758	700	0.39	N/A	N/A	N/A
L4	S1-5	6	60	68	92	30	4	4	88	88	10743	0.9	2.27	0.9	2.27	88	270	409	0.09	0.54	0.90	0.77	8.00	982	0.28	No	0.33	S1	0.93	12	0.93	6	758	700	0.39	N/A	N/A	N/A
L4	S1-6	6	60	68	92	30	4	4	88	88	20039	1.7	4.26	1.7	4.26	88	546	409	1.14	0.54	0.90	0.77	8.00	982	0.56	No	0.67	S1	0.93	12	0.93	6	758	700	0.78	N/A	N/A	N/A
L4	S1-7	6	60	68	92	30	4	4	88	88	24227	2.0	5.16	2.0	5.16	88	637	409	1.48	0.54	0.90	0.77	8.00	982	0.65	No	0.78	S1	0.93	12	0.93	6	758	700	0.91	N/A	N/A	N/A
L4	S1-8	6	60	74	92	30	4	4	88	88	25221	2.1	5.37	2.1	5.37	88	669	409	1.60	0.54	0.90	0.84	8.00	982	0.68	No	0.82	S1	0.93	12	0.93	6	756	699	0.96	N/A	N/A	N/A
L4	S12-1	6	60	74	92	30	4	4	88	88	27873	2.3	5.94	2.3	5.94	88	741	409	1.88	0.54	0.90	0.84	8.00	982	0.76	No	0.91	S1	0.93	12	0.93	6	756	699	1.06	N/A	N/A	N/A
L4	S12-2	6	60	68	92	30	4	4	88	88	24022	2.0	5.11	2.0	5.11	88	633	409	1.47	0.54	0.90	0.77	8.00	982	0.64	No	0.77	S1	0.93	12	0.93	6	758	700	0.90	N/A	N/A	N/A
L4	S12-3	6	60	68	92	30	4	4	88	88	18670	1.6	3.96	1.6	3.96	88	508	409	0.99	0.54	0.90	0.77	8.00	982	0.52	No	0.62	S1	0.93	12	0.93	6	758	700	0.72	N/A	N/A	N/A
L4	S12-4	6	60	68	92	30	4	4	88	88	10646	0.9	2.25	0.9	2.25	88	260	409	0.06	0.54	0.90	0.77	8.00	982	0.27	No	0.32	S1	0.93	12	0.93	6	758	700	0.37	N/A	N/A	N/A
L4	S12-5	6	60	68	92	30	4	4	88	88	10429	0.9	2.21	0.9	2.21	88	256	409	0.04	0.54	0.90	0.77	8.00	982	0.26	No	0.31	S1	0.93	12	0.93	6	758	700	0.37	N/A	N/A	N/A
L4	S12-6	6	60	68	92	30	4	4	88	88	18852	1.6	4.00	1.6	4.00	88	509	409	1.00	0.54	0.90	0.77	8.00	982	0.52	No	0.62	S1	0.93	12	0.93	6	758	700	0.73	N/A	N/A	N/A
L4	S12-7	6	60	68	92	30	4	4	88	88	24103	2.0	5.13	2.0	5.13	88	632	409	1.47	0.54	0.90	0.77	8.00	982	0.64	No	0.77	S1	0.93	12	0.93	6	758	700	0.90	N/A	N/A	N/A
L4	S12-8	6	60	74	92	30	4	4	88	88	27720	2.3	5.91	2.3	5.91	88	737	409	1.86	0.54	0.90	0.84	8.00	982	0.75	No	0.90	S1	0.93	12	0.93	6	756	699	1.06	N/A	N/A	N/A
L4	SA-1	6	60	74	92	30	4	4	88	88	24703	2.1	5.26	2.1	5.26	88	656	409	1.55	0.54	0.90	0.84	8.00	982	0.67	No	0.80	S1	0.93	12	0.93	6	756	699	0.94	N/A	N/A	N/A
L4	SA-2	6	60	68	92	30	4	4	88	88	23749	2.0	5.05	2.0	5.05	88	611	409	1.39	0.54	0.90	0.77	8.00	982	0.62	No	0.75	S1	0.93	12	0.93	6	758	700	0.87	N/A	N/A	N/A
L4	SA-3	6	60	68	92	30	4	4	88	88	19619	1.6	4.17	1.6	4.17	88	560	409	1.19	0.54	0.90	0.77	8.00	982	0.57	No	0.68	S1	0.93	12	0.93	6	758	700	0.80	N/A	N/A	N/A
L4	SA-4	6	60	68	92	30	4	4	88	88	22805	1.9	4.85	1.9	4.85	88	544	409	1.13	0.54	0.90	0.77	8.00	982	0.55	No	0.66	S1	0.93	12	0.93	6	758	700	0.78	N/A	N/A	N/A
L4	SA-5	6	60	68	92	30	4	4	88	88	9779	0.8	2.07	0.8	2.07	88	245	409	0.00	0.54	0.90	0.77	8.00	982	0.25	No	0.30	S1	0.93	12	0.93	6	758	700	0.35	N/A	N/A	N/A
L4	SA-6	6	60	68	92	30	4	4	88	88	18527	1.5	3.93	1.5	3.93	88	504	409	0.98	0.54	0.90	0.77	8.00	982	0.51	No	0.62	S1	0.93	12	0.93	6	758	700	0.72	N/A	N/A	N/A
L4	SA-7	6	60	68	92	30	4	4	88	88	22589	1.9	4.81	1.9	4.81	88	595	409	1.32	0.54	0.90	0.77	8.00	982	0.61	No	0.73	S1	0.93	12	0.93	6	758	700	0.85	N/A	N/A	N/A
L4	SA-8	6	60	74	92	30	4	4	88	88	25045	2.1	5.33	2.1	5.33	88	661	409	1.58	0.54	0.90	0.84	8.00	982	0.67	No	0.81	S1	0.93	12	0.93	6	756	699	0.95	N/A	N/A	N/A
L4	SP-1	6	60	74	92	30	4	4	88	88	26368	2.2	5.62	2.2	5.62	88	702	409	1.73	0.54	0.90	0.84	8.00	982	0.72	No	0.86	S1	0.93	12	1.32	6	1046	873	0.80	N/A	N/A	N/A
L4	SP-2	6	60	68	92	30	4	4	88	88	25095	2.1	5.34	2.1	5.34	88	657	409	1.56	0.54	0.90	0.77	8.00	982	0.67	No	0.80	S1	0.93	12	1.32	6	1050	876	0.75	N/A	N/A	N/A
L4	SP-3	6	60	68	92	30	4	4	88	88	20505	1.7	4.36	1.7	4.36	88	561	409	1.19	0.54	0.90	0.77	8.00	982	0.57	No	0.69	S1	0.93	12	1.32	6	1050	876	0.64	N/A	N/A	N/A
L4	SP-4	6	60	68	92	30	4	4	88	88	11143	0.9	2.36	0.9	2.36	88	272	409	0.10	0.54	0.90	0.77	8.00	982	0.28	No	0.33	S1	0.93	12	1.32	6	1050	876	0.31	N/A	N/A	N/A
L4	SP-5	6	60	68	92	30	4	4	88	88	9633	0.8	2.04	0.8	2.04	88	235	409	0.00	0.54	0.90	0.77	8.00	982	0.24	No	0.29	S1	0.93	12	1.32	6	1050	876	0.27	N/A	N/A	N/A
L4	SP-6	6	60	68	92	30	4	4	88	88	18083	1.5	3.84	1.5	3.84	88	482	409	0.90	0.54	0.90	0.77	8.00	982	0.49	No	0.59	S1	0.93	12	1.32	6	1050	876	0.55	N/A	N/A	N/A
L4	SP-7	6	60	68	92	30	4	4	88	88	23454	2.0	4.99	2.0	4.99	88	616	409	1.40	0.54	0.90	0.77	8.00	982	0.63	No	0.75	S1	0.93	12	1.32	6	1050	876	0.70	N/A	N/A	N/A
L4	SP-8	6	60	74	92	30	4	4	88	88	32314	2.7	6.91	2.7	6.91	88	858	409	2.32	0.54	0.90	0.84	8.00	982	0.87	Yes	1.05	S3	0.93	8	1.32	6	1078	892	0.96	N/A	N/A	N/A
L3	S1-1	6	60	74	75	30	4	4	71	71	25704	2.7	6.83	2.7	6.83	71	676	330	2.24	0.54	0.90	1.04	8.00	792	0.85	Yes	1.02	S3	0.93	8	1.32	6	862	715	0.95	N/A	N/A	N/A
L3	S1-2	6	60	68	75	30	4	4	71	71	24519	2.6	6.51	2.6	6.51	71	650	330	2.12	0.54	0.90	0.96	8.00	792	0.82	No	0.98	S1	0.93	12	1.32	6	838	701	0.93	N/A	N/A	N/A
L3	S1-3	6	60	68	75	30	4	4	71	71	17959	1.9	4.75	1.9	4.75	71	494	330	1.39	0.54	0.90	0.96	8.00	792	0.62	No	0.75	S1	0.93	12	1.32	6	838	701	0.71	N/A	N/A	N/A
L3	S1-4	6	60	68	75	30	4	4	71	71	15362	1.6	4.05	1.6	4.05	71	406	330	0.98	0.54	0.90	0.96	8.00	792	0.51	No	0.62	S1	0.93	12	1.32	6	838	701	0.58	N/A	N/A	N/A
L3	S1-5	6	60	68	75	30	4	4	71	71	15755	1.6	4.16	1.6	4.16	71	417	330	1.03	0.54	0.90	0.96	8.00	792	0.53	No	0.63	S1	0.93	12	1.32	6	838	701	0.60	N/A	N/A	N/A
L3	S1-6	6	60	68	75	30	4	4	71	71	17872	1.9	4.72	1.9	4.72	71	488	330	1.36	0.54	0.90	0.96	8.00	792	0.62	No	0.74	S1	0.93	12	1.32	6	838	701	0.70	N/A	N/A	N/A
L3	S1-7	6	60	68	75	30	4	4	71	71	23517	2.4	6.24	2.4	6.24	71	620	330	1.98	0.54	0.90	0.96	8.00	792	0.78	No	0.94	S1	0.93	12	1.32	6	838	701	0.89	N/A	N/A	N/A
L3	S1-8	6	60	74	75	30	4	4	71	71	22419	2.3	5.95	2.3	5.95	71	587	330	1.82	0.54	0.90	1.04	8.00	792	0.74	No	0.89	S1	0.93	12	1.32	6	834	698	0.84	N/A	N/A	N/A
L3	S12-1	6	60	74	75	30	4	4	71	71	21594	2.2	5.72	2.2	5.72	71	575	330	1.77	0.54	0.90	1.04	8.00	792	0.73	No	0.87	S4	0.93	6	0.93	6	660	594	0.97	N/A	N/A	N/A

Hall of Justice

Shear Wall Spandrel Beam Design

a = d-sqrt(d^2-2Mu/(.85*f'c*.9*b))
As = Mu/(.9fy(d-a/2))
Ah min = 0.0025b
Av min = 0.0015b
Vu max = Φ(2/3)(10+L/d)sqrt(f'c)bd for L/d from 2-5
Vu max = Φ(8)sqrt(f'c)bd for L/d<2
Φ = 0.60

Scaling response spectrum to 80% of static base shear
Load combo = (.8E + 1.6H)
E = max(DX+TORX, DY+TORY)
DX,Y = ETABS load combo for response spectrum scaled to 100% of static base shear
TORX,Y = ETABS load case for 5% accidental torsion

Deep beam shear
Vs = [Av/s(1+L/d)/12+Avh/s2(11-L/d)/12]fy*d
Vn =Vc +Vc

Story	ETABS Spandrel	Properties f'c	fy	L	h	b	d't	d'b	dtop	dbot	Flex. Steel Mu	a	Top As	a	Bot. As	Shear Design d	Vu	Vc	Av	Av min	Ah min	L/d	Factor	Vu max	Vu/ Vu max	Vu> 2Vc	Vu/ 2Vc	Deep Beam Shear Check Type	Av	s	Avh	s2	Vs	ΦVn	Vu/ ΦVn	Diag Ste Vu max	Vu max	Ad
		{ksi}	{ksi}	{in}	{in}	{in}	{in}	{in}	{in}	{in}	{k-in}	{in}	{in^2}	{in}	{in^2}	{in}	{in^2}	{in}	{in^2}	{kips}	{in^2/ft}	{in^2/ft}	{in^2/ft}			{kips}					{in^2}	{in}	{in^2}	{in}	{kips}	{kips}		{kips}		{in^2}
L3	S12-2	6	60	68	75	30	4	4	71	71	19178	2.0	5.07	2.0	5.07	71	516	330	1.49	0.54	0.90	0.96	8.00	792	0.65	No	0.78	S1	0.93	12	0.93	6	606	562	0.92	N/A	N/A	N/A
L3	S12-3	6	60	68	75	30	4	4	71	71	14275	1.5	3.76	1.5	3.76	71	394	330	0.92	0.54	0.90	0.96	8.00	792	0.50	No	0.60	S1	0.93	12	0.93	6	606	562	0.70	N/A	N/A	N/A
L3	S12-4	6	60	68	75	30	4	4	71	71	8940	0.9	2.35	0.9	2.35	71	237	330	0.19	0.54	0.90	0.96	8.00	792	0.30	No	0.36	S1	0.93	12	0.93	6	606	562	0.42	N/A	N/A	N/A
L3	S12-5	6	60	68	75	30	4	4	71	71	8540	0.9	2.24	0.9	2.24	71	229	330	0.15	0.54	0.90	0.96	8.00	792	0.29	No	0.35	S1	0.93	12	0.93	6	606	562	0.41	N/A	N/A	N/A
L3	S12-6	6	60	68	75	30	4	4	71	71	14367	1.5	3.79	1.5	3.79	71	394	330	0.92	0.54	0.90	0.96	8.00	792	0.50	No	0.60	S1	0.93	12	0.93	6	606	562	0.70	N/A	N/A	N/A
L3	S12-7	6	60	68	75	30	4	4	71	71	19228	2.0	5.09	2.0	5.09	71	515	330	1.49	0.54	0.90	0.96	8.00	792	0.65	No	0.78	S1	0.93	12	0.93	6	606	562	0.92	N/A	N/A	N/A
L3	S12-8	6	60	74	75	30	4	4	71	71	21713	2.3	5.75	2.3	5.75	71	579	330	1.79	0.54	0.90	1.04	8.00	792	0.73	No	0.88	S4	0.93	6	0.93	6	660	594	0.97	N/A	N/A	N/A
L3	SA-1	6	60	74	75	30	4	4	71	71	16221	1.7	4.28	1.7	4.28	71	432	330	1.10	0.54	0.90	1.04	8.00	792	0.55	No	0.65	S1	0.93	12	0.93	6	604	560	0.77	N/A	N/A	N/A
L3	SA-2	6	60	68	75	30	4	4	71	71	16822	1.7	4.44	1.7	4.44	71	449	330	1.18	0.54	0.90	0.96	8.00	792	0.57	No	0.68	S1	0.93	12	0.93	6	606	562	0.80	N/A	N/A	N/A
L3	SA-3	6	60	68	75	30	4	4	71	71	14447	1.5	3.81	1.5	3.81	71	409	330	0.99	0.54	0.90	0.96	8.00	792	0.52	No	0.62	S1	0.93	12	0.93	6	606	562	0.73	N/A	N/A	N/A
L3	SA-4	6	60	68	75	30	4	4	71	71	12876	1.3	3.39	1.3	3.39	71	326	330	0.60	0.54	0.90	0.96	8.00	792	0.41	No	0.49	S1	0.93	12	0.93	6	606	562	0.58	N/A	N/A	N/A
L3	SA-4.1	6	60	68	75	30	4	4	71	71	31921	3.3	8.53	3.3	8.53	71	848	330	3.05	0.54	0.90	0.96	8.00	792	1.07	Yes	1.29	S1	0.93	12	0.93	6	606	562	1.51	1402	0.60	11.23
L3	SA-4.2	6	60	68	75	30	4	4	71	71	13997	1.4	3.69	1.4	3.69	71	292	330	0.44	0.54	0.90	0.96	8.00	792	0.37	No	0.44	S1	0.93	12	0.93	6	606	562	0.52	N/A	N/A	N/A
L3	SA-5	6	60	68	75	30	4	4	71	71	13833	1.4	3.64	1.4	3.64	71	367	330	0.79	0.54	0.90	0.96	8.00	792	0.46	No	0.56	S1	0.93	12	0.93	6	606	562	0.65	N/A	N/A	N/A
L3	SA-6	6	60	68	75	30	4	4	71	71	16087	1.7	4.25	1.7	4.25	71	439	330	1.13	0.54	0.90	0.96	8.00	792	0.55	No	0.67	S1	0.93	12	0.93	6	606	562	0.78	N/A	N/A	N/A
L3	SA-7	6	60	68	75	30	4	4	71	71	21220	2.2	5.62	2.2	5.62	71	562	330	1.71	0.54	0.90	0.96	8.00	792	0.71	No	0.85	S1	0.93	12	0.93	6	606	562	1.00	N/A	N/A	N/A
L3	SA-8	6	60	74	75	30	4	4	71	71	21832	2.3	5.79	2.3	5.79	71	574	330	1.76	0.54	0.90	1.04	8.00	792	0.72	No	0.87	S3	0.93	8	0.93	6	632	577	0.99	N/A	N/A	N/A
L3	SP-1	6	60	74	75	30	4	4	71	71	23149	2.4	6.14	2.4	6.14	71	621	330	1.99	0.54	0.90	1.04	8.00	792	0.78	No	0.94	S6	0.93	4	0.93	6	716	628	0.99	N/A	N/A	N/A
L3	SP-2	6	60	68	75	30	4	4	71	71	21414	2.2	5.67	2.2	5.67	71	574	330	1.77	0.54	0.90	0.96	8.00	792	0.73	No	0.87	S3	0.93	8	0.93	6	633	578	0.99	N/A	N/A	N/A
L3	SP-3	6	60	68	75	30	4	4	71	71	14922	1.5	3.93	1.5	3.93	71	416	330	1.02	0.54	0.90	0.96	8.00	792	0.53	No	0.63	S1	0.93	12	0.93	6	606	562	0.74	N/A	N/A	N/A
L3	SP-4	6	60	68	75	30	4	4	71	71	9947	1.0	2.61	1.0	2.61	71	261	330	0.30	0.54	0.90	0.96	8.00	792	0.33	No	0.40	S1	0.93	12	0.93	6	606	562	0.46	N/A	N/A	N/A
L3	SP-5	6	60	68	75	30	4	4	71	71	9491	1.0	2.49	1.0	2.49	71	251	330	0.25	0.54	0.90	0.96	8.00	792	0.32	No	0.38	S1	0.93	12	0.93	6	606	562	0.45	N/A	N/A	N/A
L3	SP-6	6	60	68	75	30	4	4	71	71	14826	1.5	3.91	1.5	3.91	71	414	330	1.01	0.54	0.90	0.96	8.00	792	0.52	No	0.63	S1	0.93	12	0.93	6	606	562	0.74	N/A	N/A	N/A
L3	SP-7	6	60	68	75	30	4	4	71	71	16373	1.7	4.32	1.7	4.32	71	456	330	1.21	0.54	0.90	0.96	8.00	792	0.58	No	0.69	S1	0.93	12	0.93	6	606	562	0.81	N/A	N/A	N/A
L3	SP-8	6	60	74	75	30	4	4	71	71	22372	2.3	5.93	2.3	5.93	71	591	330	1.85	0.54	0.90	1.04	8.00	792	0.75	No	0.90	S4	0.93	6	0.93	6	660	594	0.99	N/A	N/A	N/A
L2	S12-1	6	60	74	74	30	4	4	70	70	19782	2.1	5.31	2.1	5.31	70	546	325	1.67	0.54	0.90	1.06	8.00	781	0.70	No	0.84	S1	0.93	12	0.93	6	595	552	0.99	N/A	N/A	N/A
L2	S12-2	6	60	68	74	30	4	4	70	70	17969	1.9	4.82	1.9	4.82	70	493	325	1.42	0.54	0.90	0.97	8.00	781	0.63	No	0.76	S1	0.93	12	0.93	6	598	554	0.89	N/A	N/A	N/A
L2	S12-3	6	60	68	74	30	4	4	70	70	13097	1.4	3.50	1.4	3.50	70	376	325	0.86	0.54	0.90	0.97	8.00	781	0.48	No	0.58	S1	0.93	12	0.93	6	598	554	0.68	N/A	N/A	N/A
L2	S12-4	6	60	68	74	30	4	4	70	70	9910	1.0	2.64	1.0	2.64	70	275	325	0.38	0.54	0.90	0.97	8.00	781	0.35	No	0.42	S1	0.93	12	0.93	6	598	554	0.50	N/A	N/A	N/A
L2	S12-5	6	60	68	74	30	4	4	70	70	9721	1.0	2.59	1.0	2.59	70	270	325	0.36	0.54	0.90	0.97	8.00	781	0.35	No	0.42	S1	0.93	12	0.93	6	598	554	0.49	N/A	N/A	N/A
L2	S12-6	6	60	68	74	30	4	4	70	70	13103	1.4	3.50	1.4	3.50	70	372	325	0.84	0.54	0.90	0.97	8.00	781	0.48	No	0.57	S1	0.93	12	0.93	6	598	554	0.67	N/A	N/A	N/A
L2	S12-7	6	60	68	74	30	4	4	70	70	17892	1.9	4.80	1.9	4.80	70	488	325	1.39	0.54	0.90	0.97	8.00	781	0.63	No	0.75	S1	0.93	12	0.93	6	598	554	0.88	N/A	N/A	N/A
L2	S12-8	6	60	74	74	30	4	4	70	70	19773	2.1	5.31	2.1	5.31	70	547	325	1.67	0.54	0.90	1.06	8.00	781	0.70	No	0.84	S1	0.93	12	0.93	6	595	552	0.99	N/A	N/A	N/A
L2	SA-1	6	60	74	74	30	4	4	70	70	14521	1.5	3.88	1.5	3.88	70	404	325	0.99	0.54	0.90	1.06	8.00	781	0.52	No	0.62	S1	0.93	12	1.32	6	821	688	0.59	N/A	N/A	N/A
L2	SA-2	6	60	68	74	30	4	4	70	70	14337	1.5	3.83	1.5	3.83	70	391	325	0.93	0.54	0.90	0.97	8.00	781	0.50	No	0.60	S1	0.93	12	1.32	6	826	691	0.57	N/A	N/A	N/A
L2	SA-3	6	60	68	74	30	4	4	70	70	10851	1.1	2.89	1.1	2.89	70	322	325	0.61	0.54	0.90	0.97	8.00	781	0.41	No	0.50	S1	0.93	12	1.32	6	826	691	0.47	N/A	N/A	N/A
L2	SA-4	6	60	68	74	30	4	4	70	70	12794	1.3	3.42	1.3	3.42	70	373	325	0.85	0.54	0.90	0.97	8.00	781	0.48	No	0.57	S1	0.93	12	1.32	6	826	691	0.54	N/A	N/A	N/A
L2	SA-4.1	6	60	68	74	30	4	4	70	70	22280	2.4	5.99	2.4	5.99	70	643	325	2.13	0.54	0.90	0.97	8.00	781	0.82	No	0.99	S3	0.93	8	1.32	6	852	707	0.91	N/A	N/A	N/A
L2	SA-4.2	6	60	36	116	26	4	4	112	112	16074	1.2	2.68	1.2	2.68	112	658	444	1.17	0.46	0.77	0.32	8.00	1065	0.62	No	0.74	S1	0.93	12	1.32	6	1367	1086	0.61	N/A	N/A	N/A
L2	SP-1	6	60	74	74	30	4	4	70	70	25612	2.7	6.91	2.7	6.91	70	710	325	2.45	0.54	0.90	1.06	8.00	781	0.91	Yes	1.09	S5	0.93	5	1.32	6	900	735	0.97	N/A	N/A	N/A
L2	SP-2	6	60	68	74	30	4	4	70	70	22398	2.4	6.03	2.4	6.03	70	608	325	1.96	0.54	0.90	0.97	8.00	781	0.78	No	0.93	S1	0.93	12	1.32	6	826	691	0.88	N/A	N/A	N/A
L2	SP-3	6	60	68	74	30	4	4	70	70	13643	1.4	3.65	1.4	3.65	70	384	325	0.90	0.54	0.90	0.97	8.00	781	0.49	No	0.59	S1	0.93	12	1.32	6	826	691	0.56	N/A	N/A	N/A
L2	SP-4	6	60	68	74	30	4	4	70	70	11229	1.2	3.00	1.2	3.00	70	326	325	0.62	0.54	0.90	0.97	8.00	781	0.42	No	0.50	S1	0.93	12	1.32	6	826	691	0.47	N/A	N/A	N/A
L2	SP-5	6	60	68	74	30	4	4	70	70	13051	1.4	3.49	1.4	3.49	70	363	325	0.80	0.54	0.90	0.97	8.00	781	0.47	No	0.56	S1	0.93	12	1.32	6	826	691	0.53	N/A	N/A	N/A
L2	SP-6	6	60	68	74	30	4	4	70	70	16592	1.7	4.44	1.7	4.44	70	467	325	1.29	0.54	0.90	0.97	8.00	781	0.60	No	0.72	S1	0.93	12	1.32	6	826	691	0.68	N/A	N/A	N/A
L2	SP-7	6	60	68	74	30	4	4	70	70	21509	2.3	5.78	2.3	5.78	70	557	325	1.72	0.54	0.90	0.97	8.00	781	0.71	No	0.86	S1	0.93	12	1.32	6	826	691	0.81	N/A	N/A	N/A
L2	SP-8	6	60	74	37	30	4	4	33	33	5889	1.3	3.37	1.3	3.37	33	189	153	0.98	0.54	0.90	2.24	8.16	376	0.50	No	0.62	S1	0.93	12	1.32	6	359	308	0.61	N/A	N/A	N/A

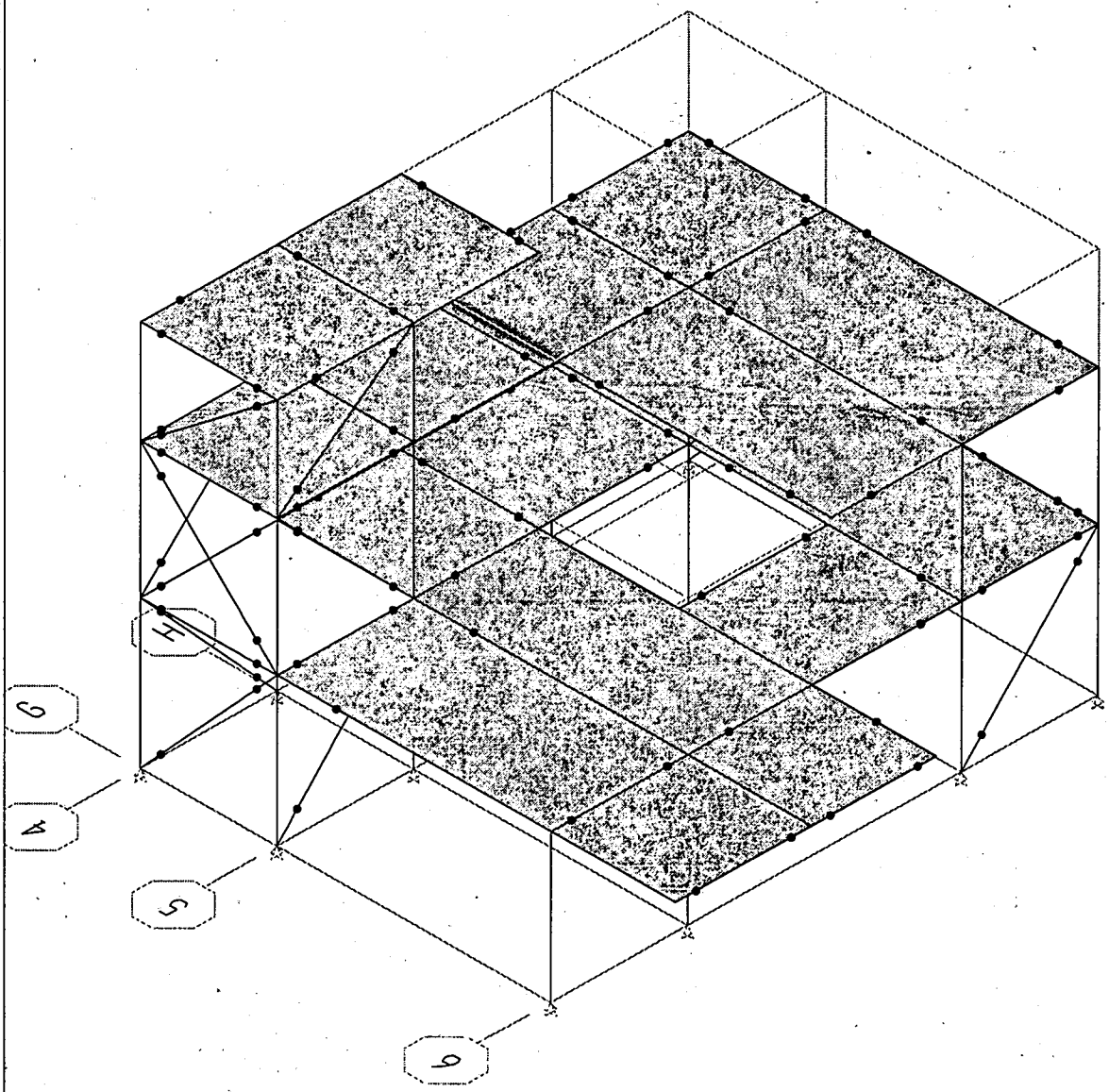
J: Elevator Machine Room Lateral Analysis ETABS Files

J.1: Plots

Hall of Justice
Fp Forces

Fp/Wp = apCaIp/Rp*(1+3hx/hr)

ap	Ca	Ip	Rp	apCaIp/Rp	hx {ft}	hr {ft}	Fp/Wp trial	Fp/Wp min	Fp/Wp max	Fp/Wp final
Penthouse										
2.5	0.4	1	4	0.25	175	175	1.00	0.28	1.60	1.00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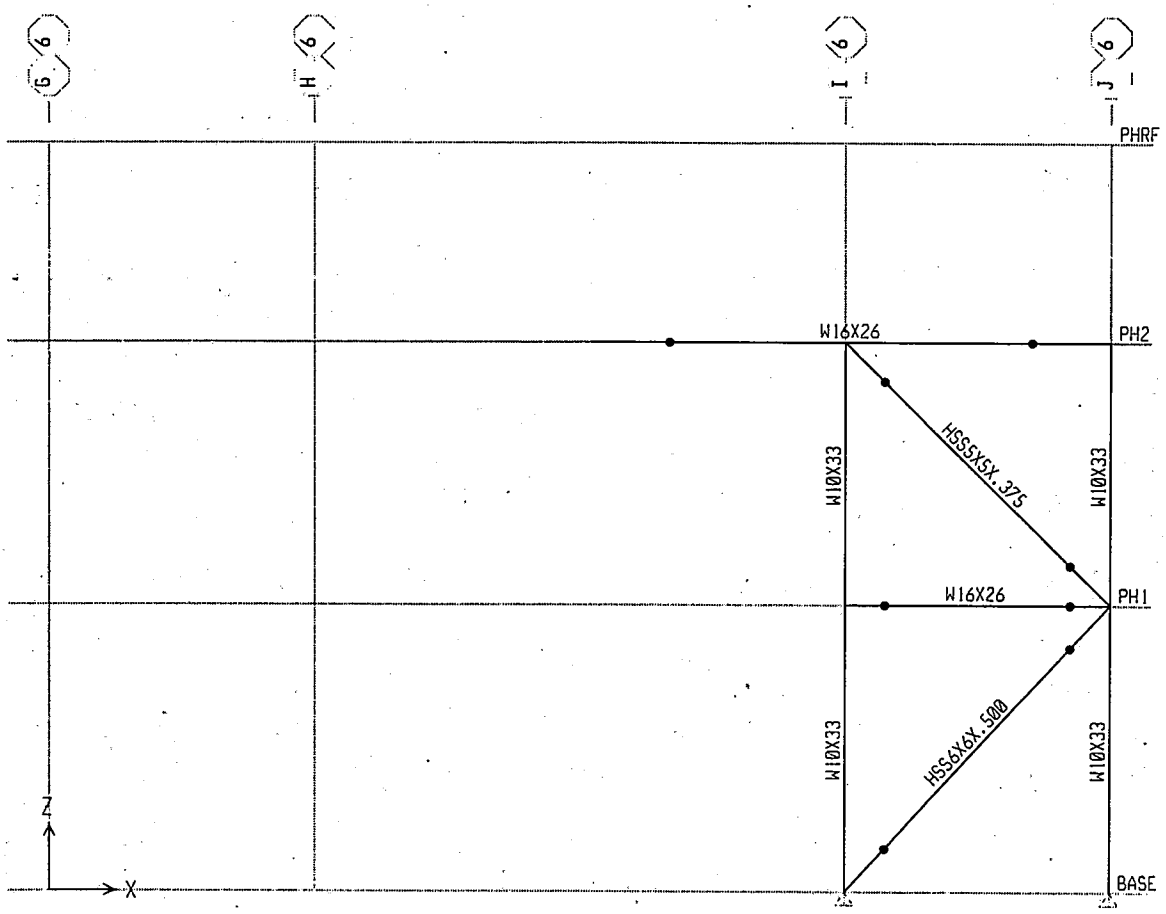
6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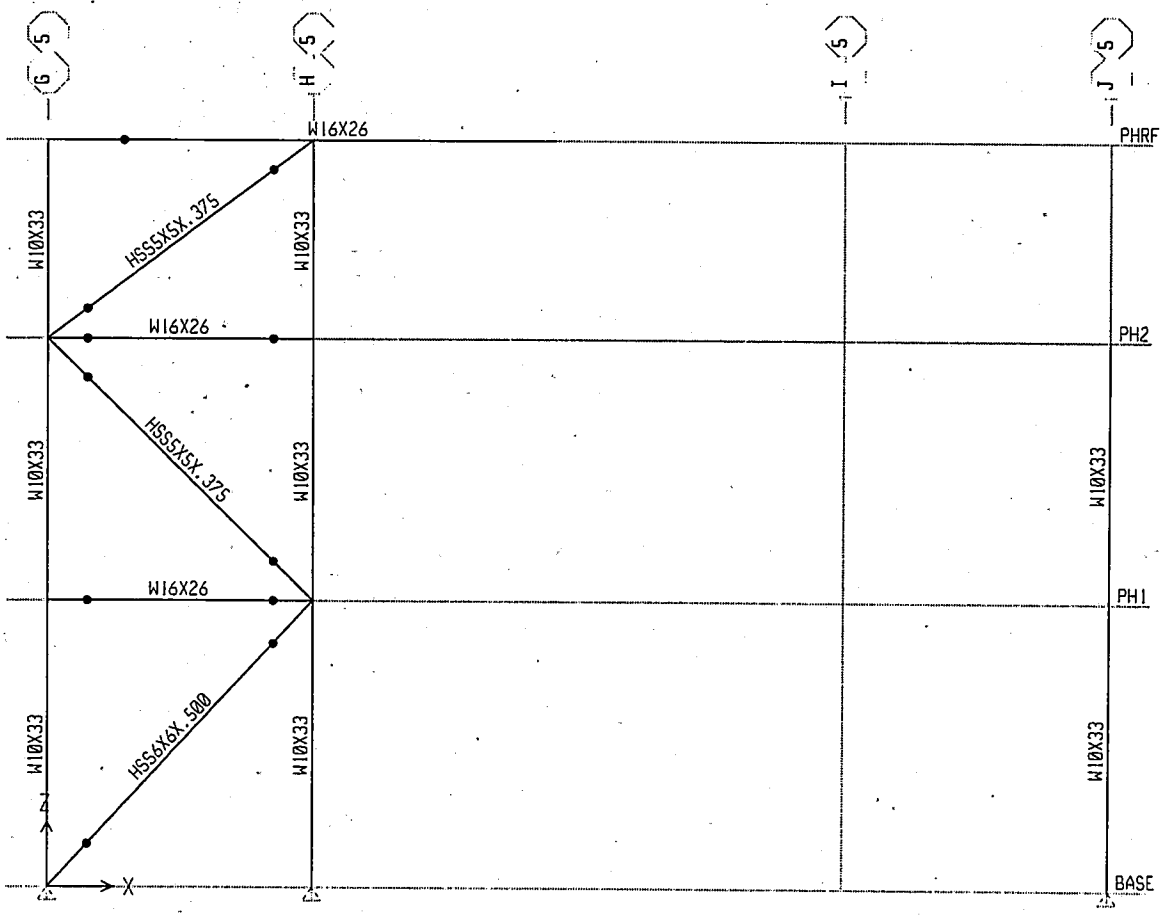
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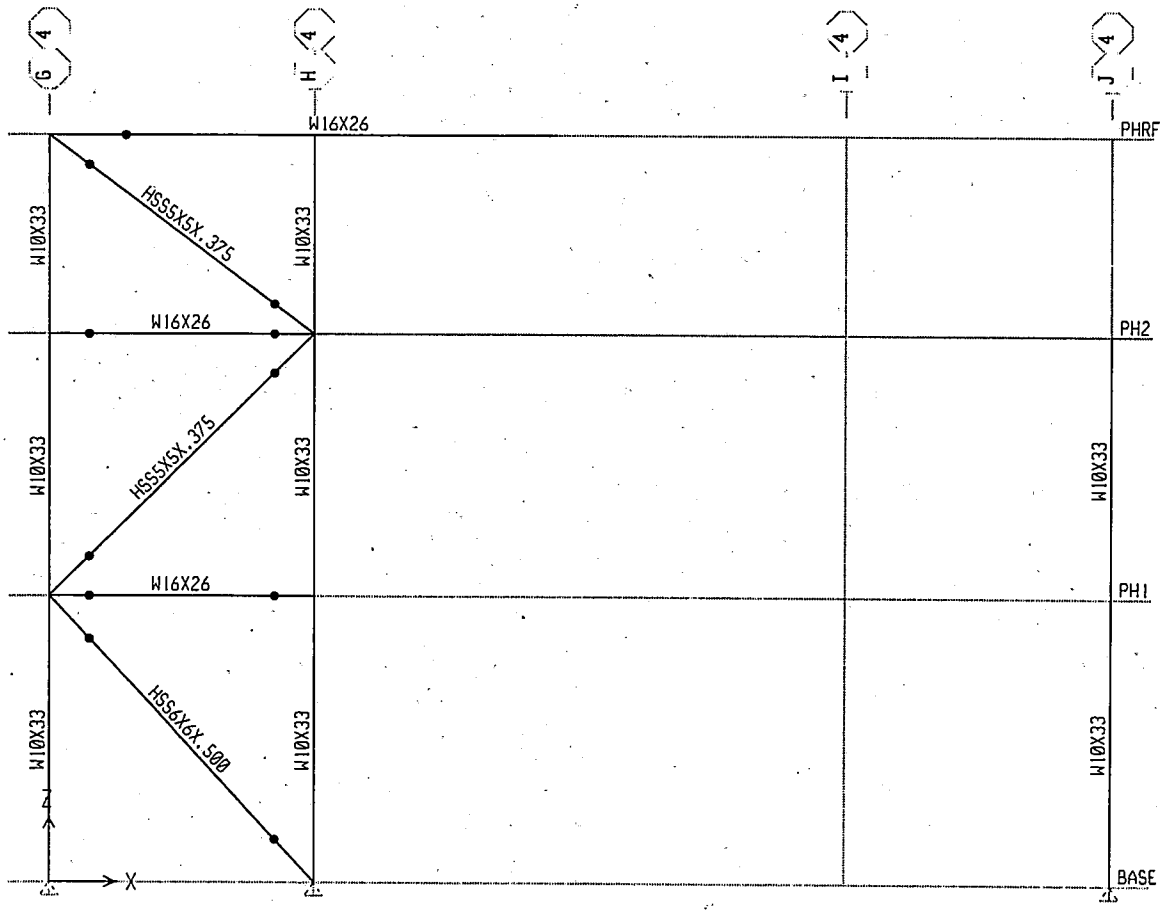
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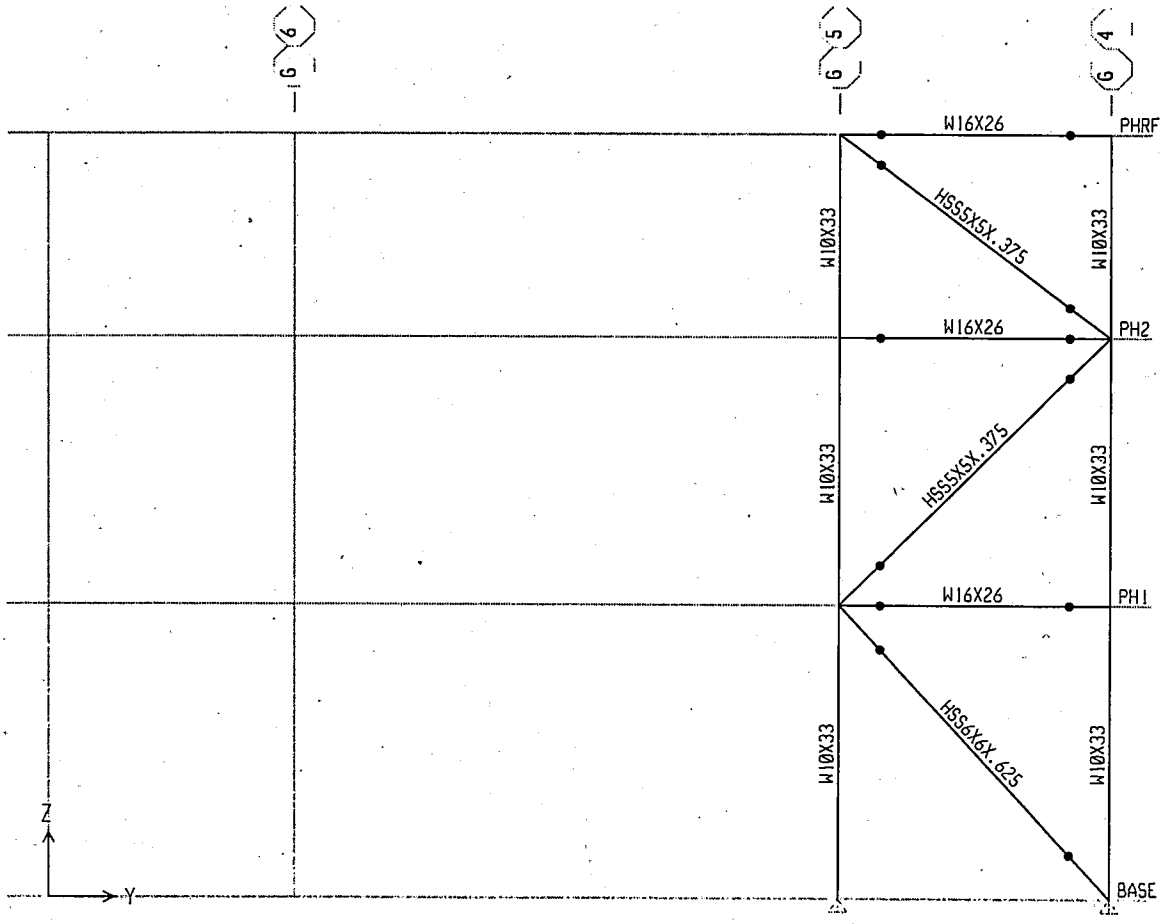
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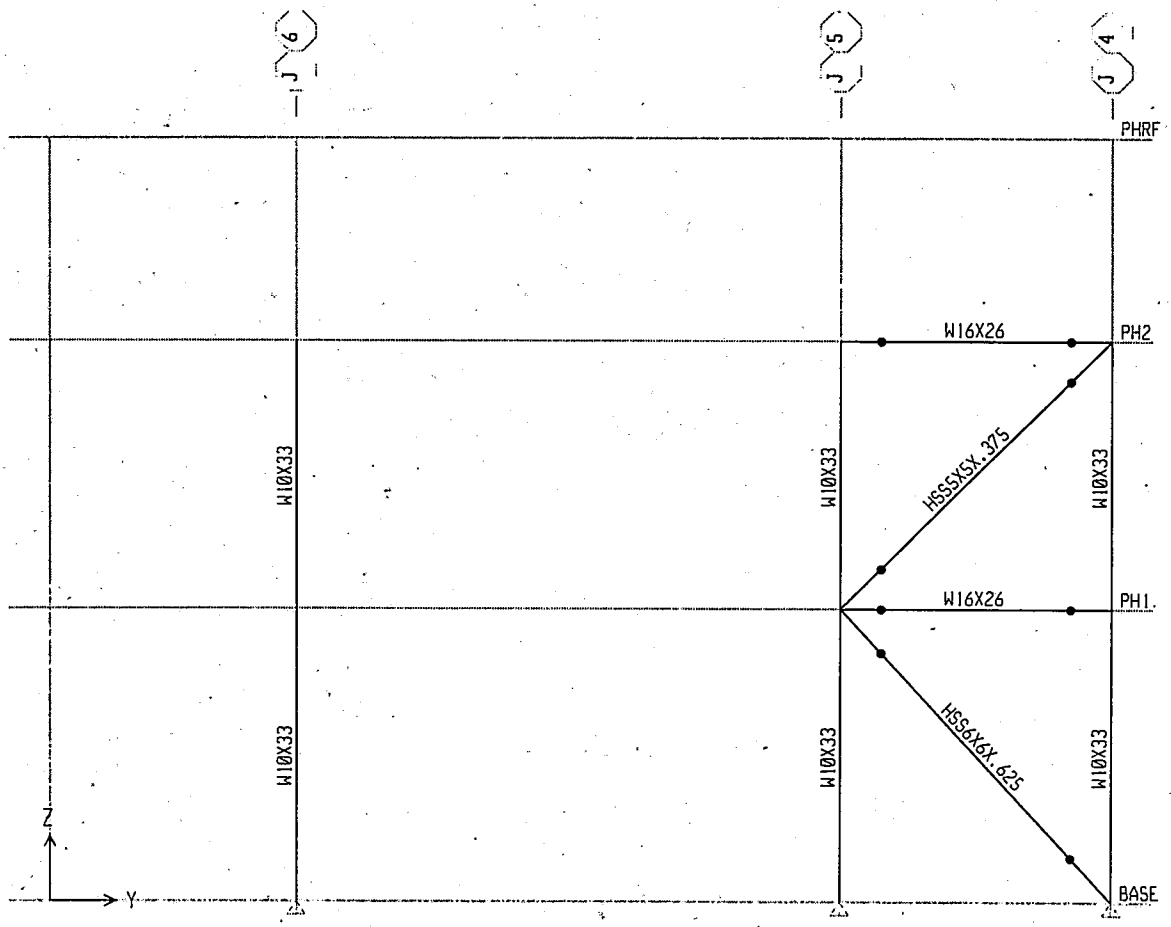
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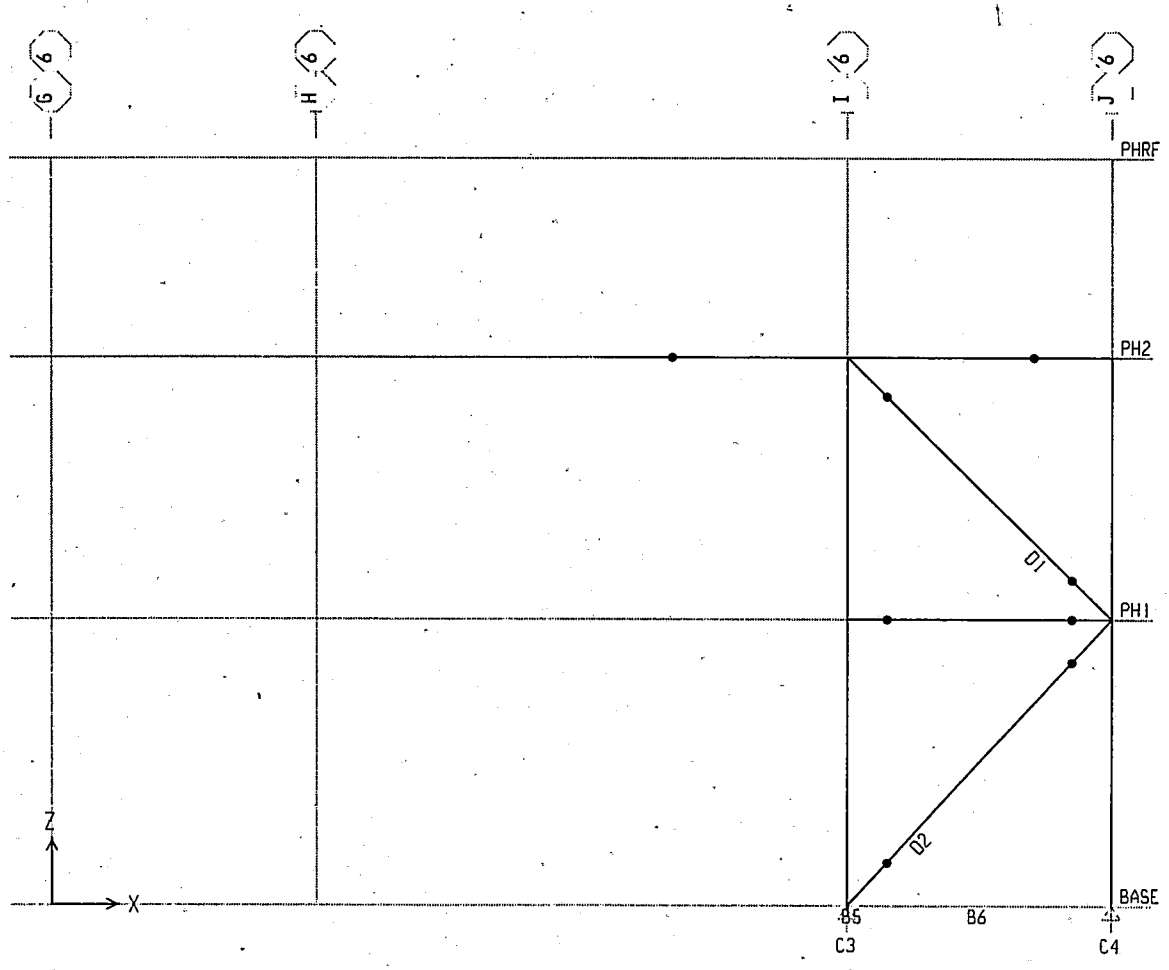
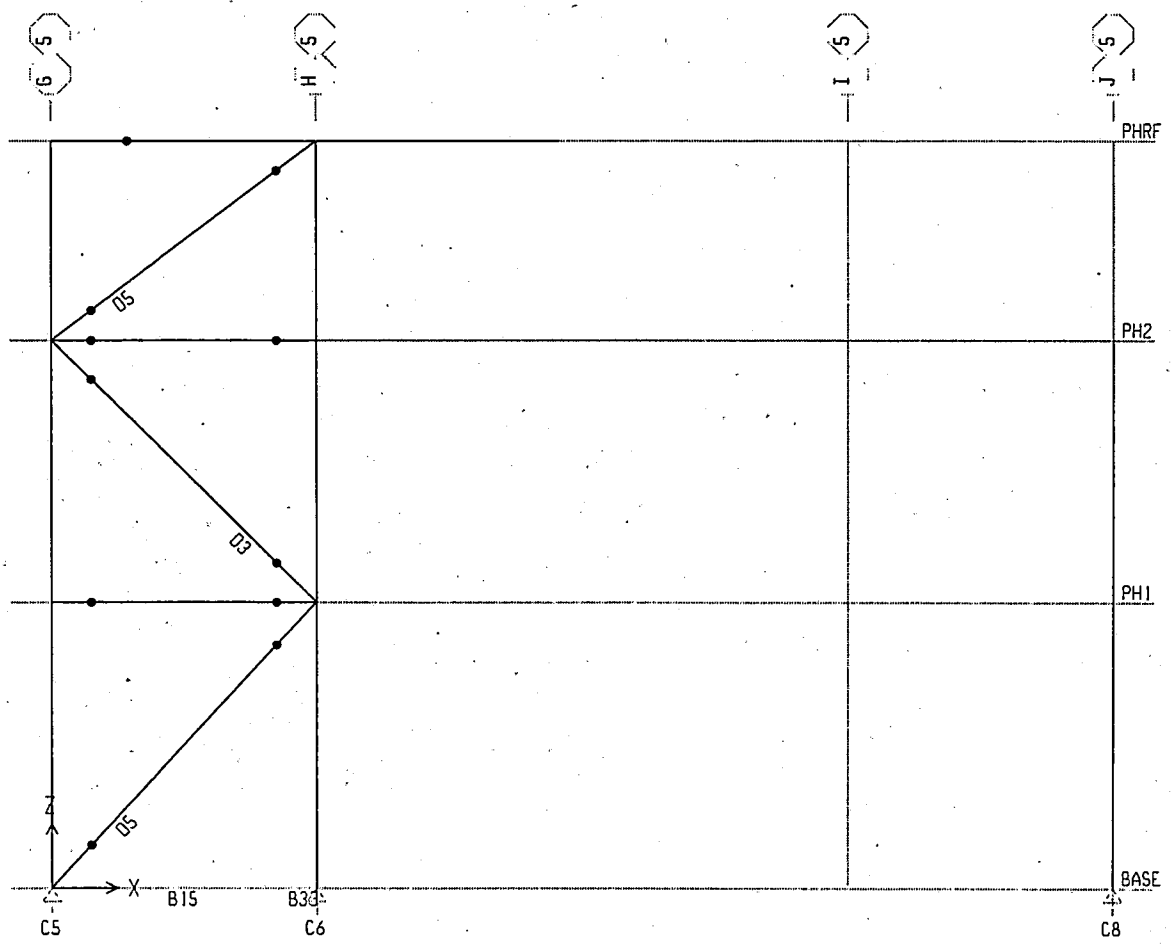


Line Labels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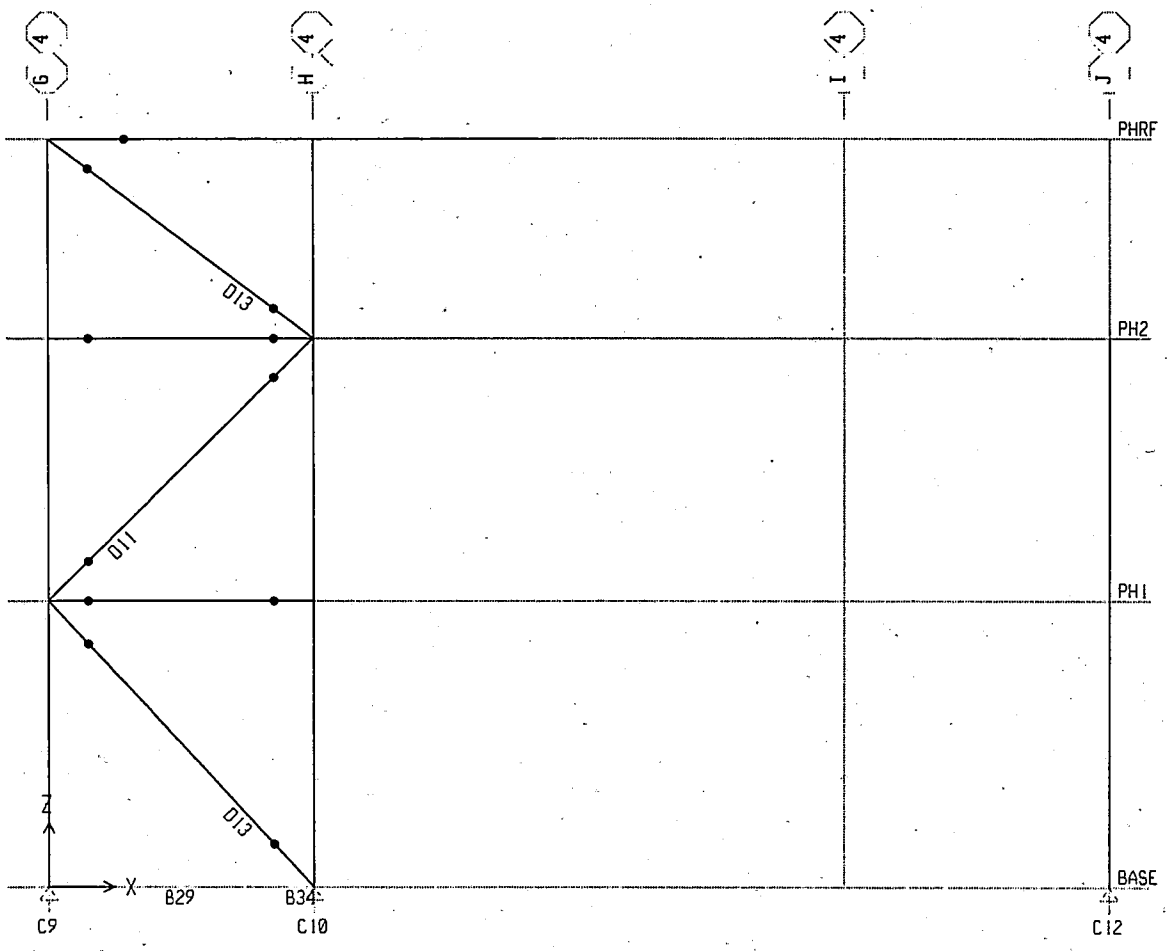
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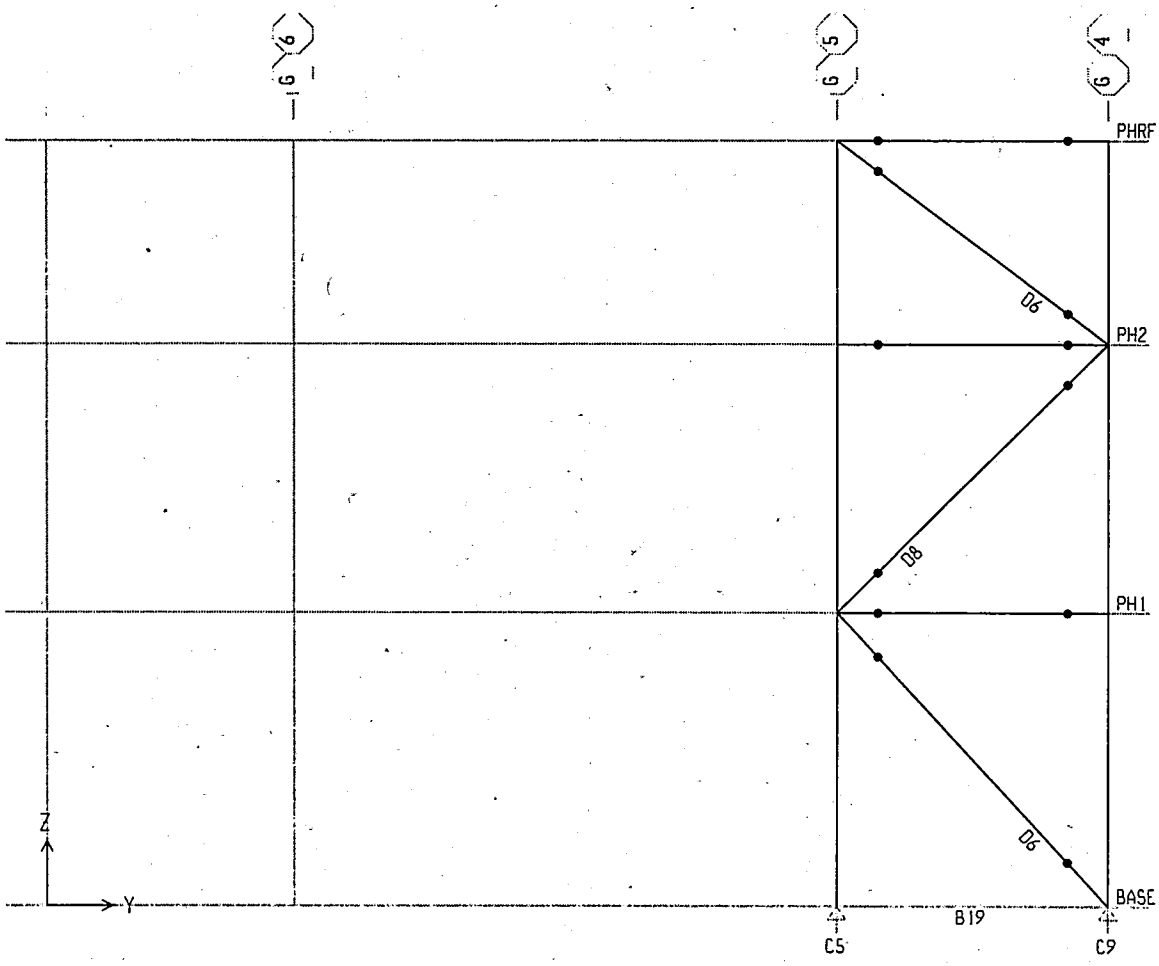
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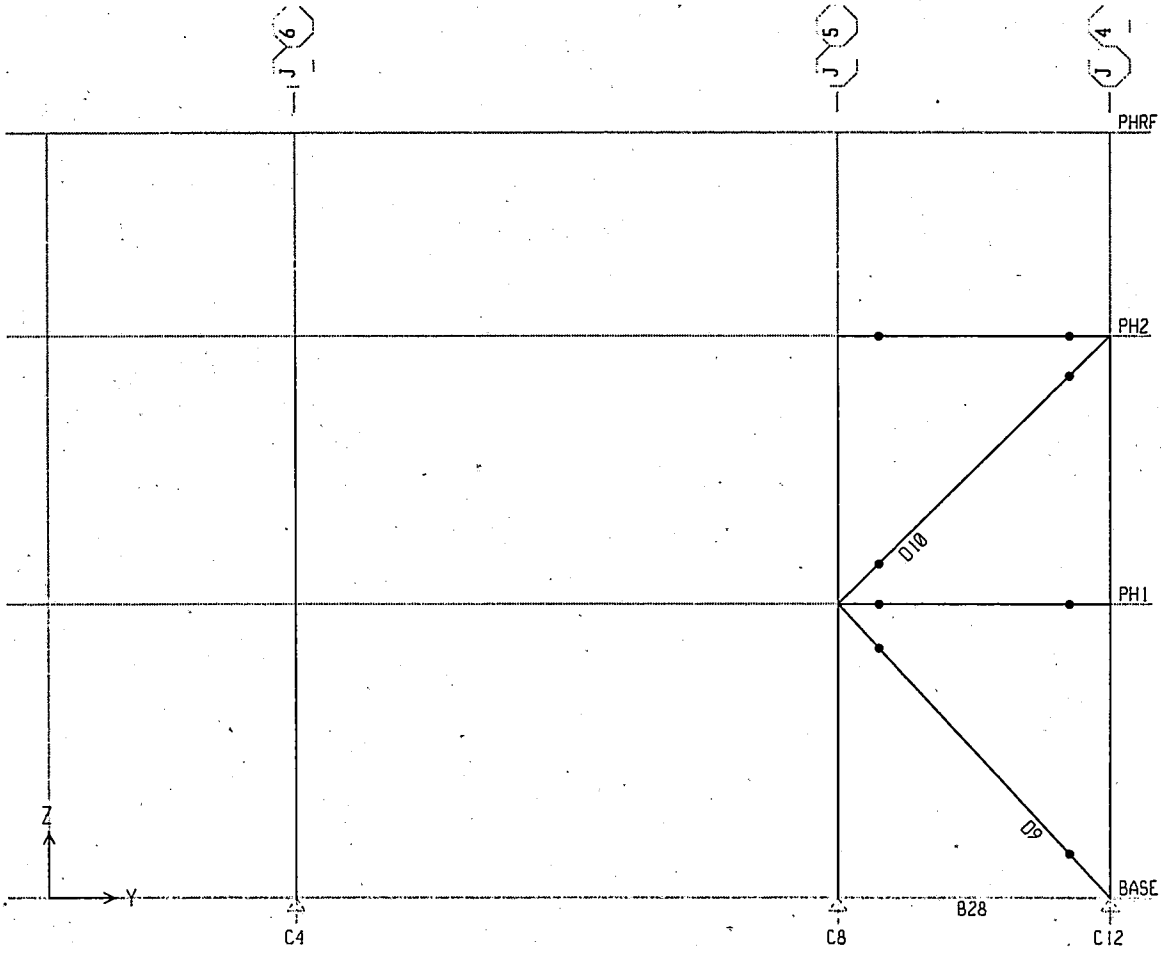
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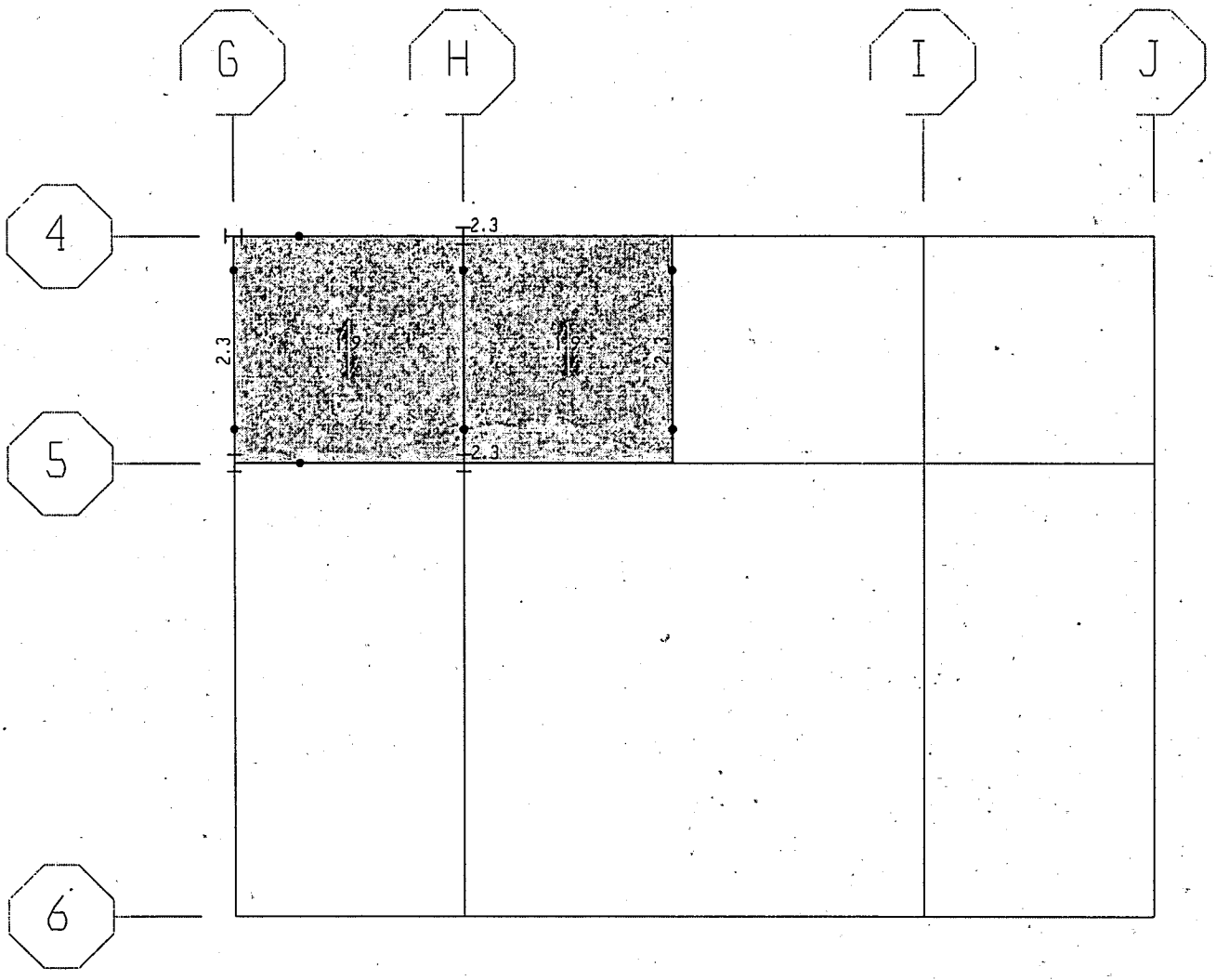

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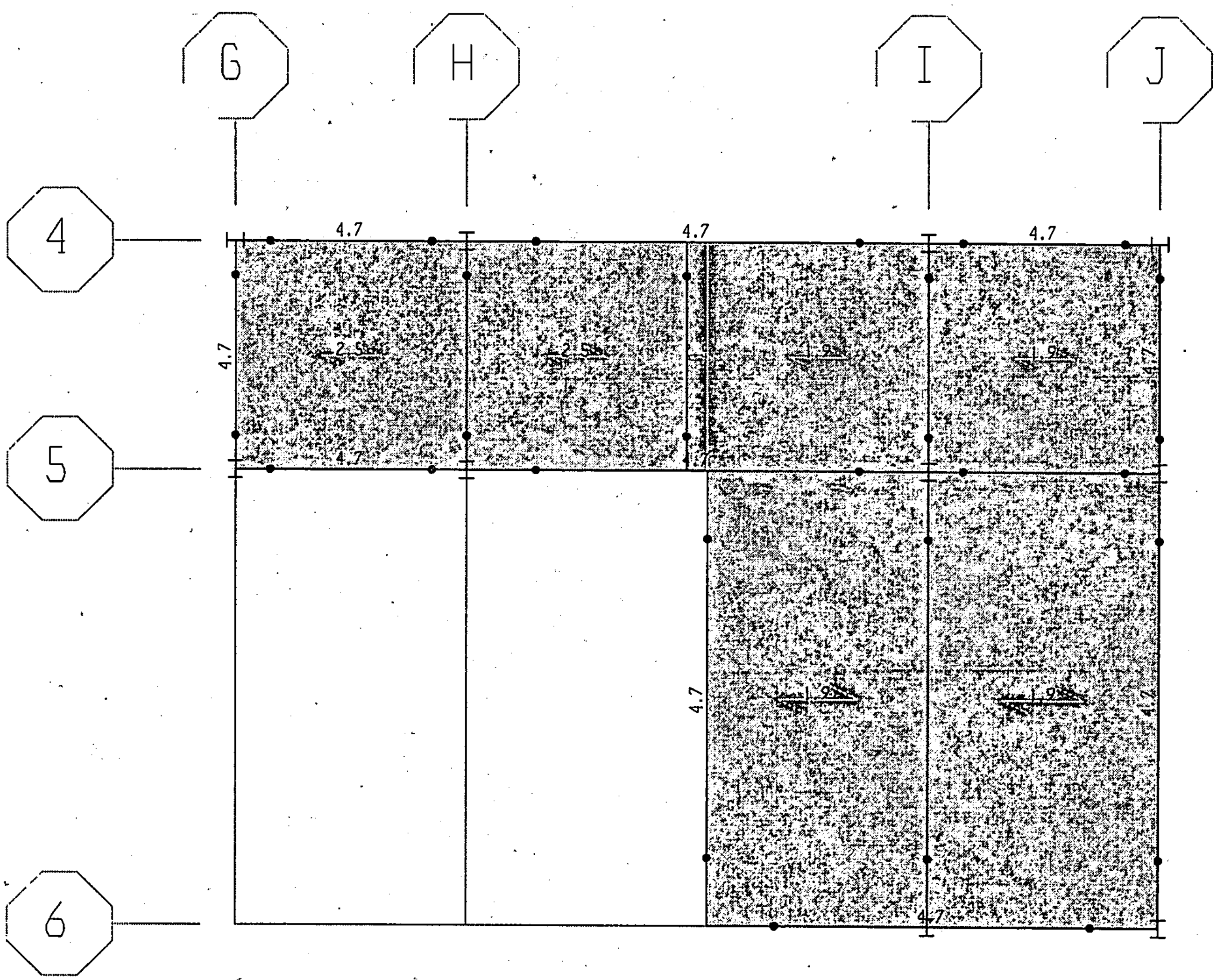
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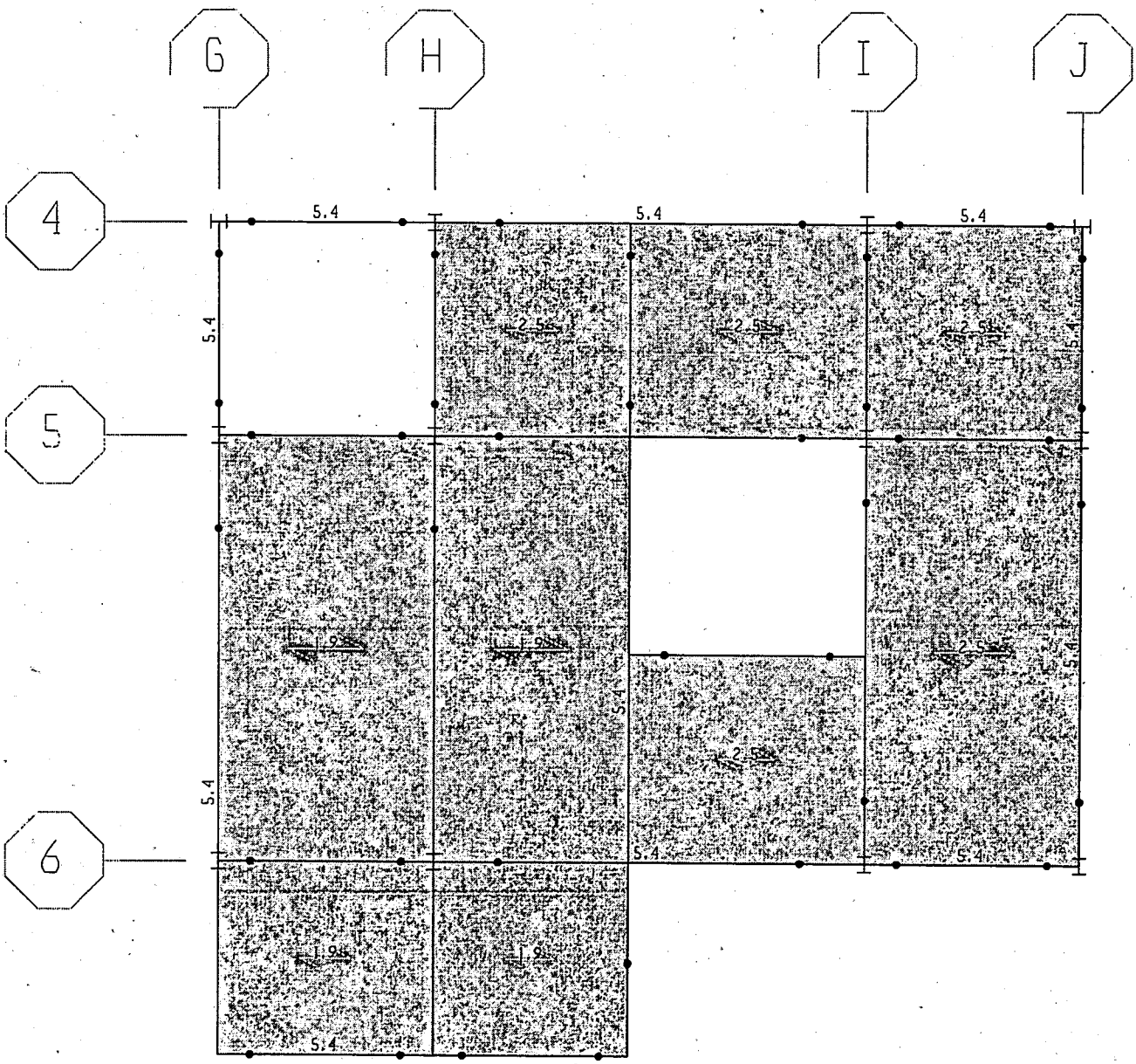
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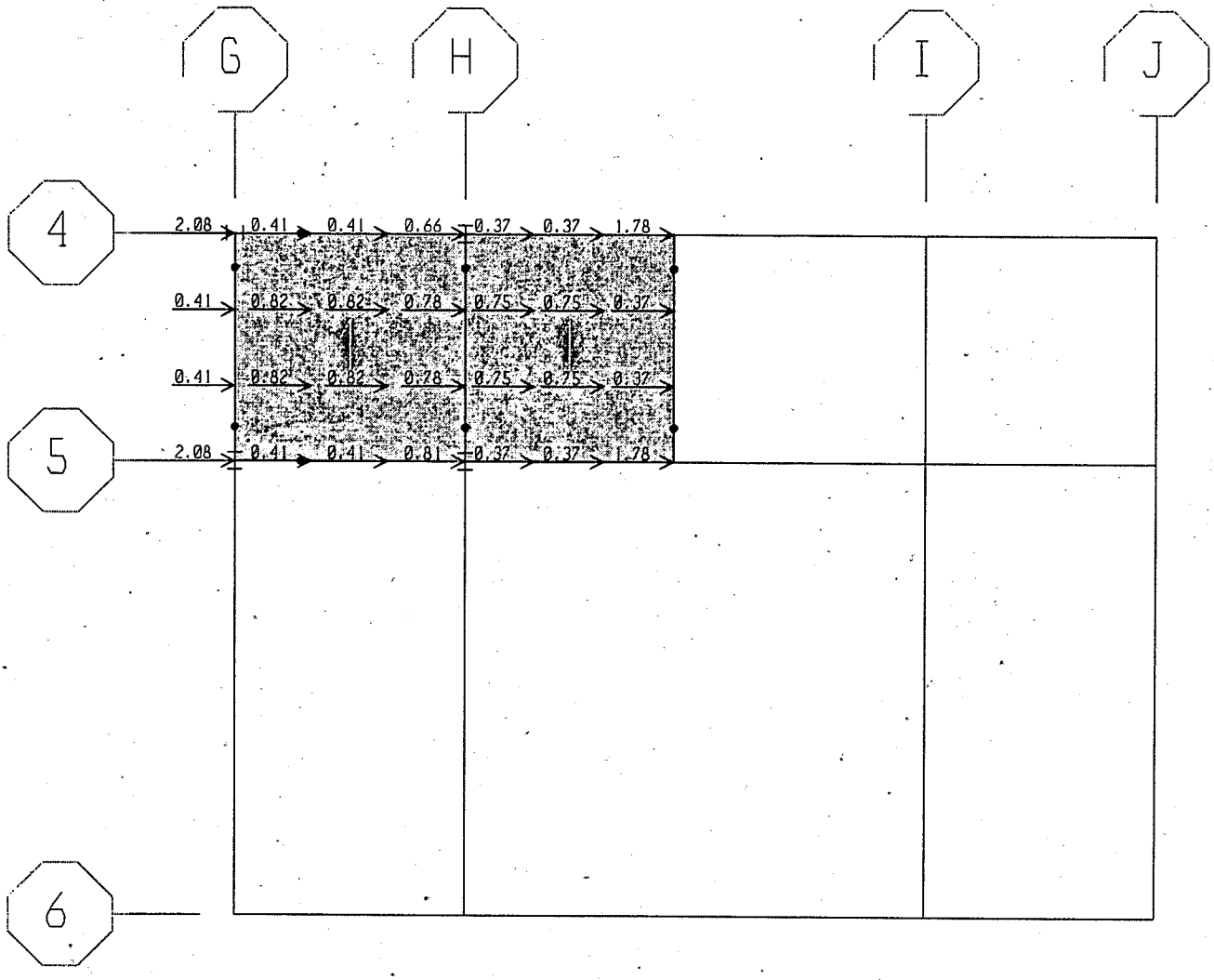
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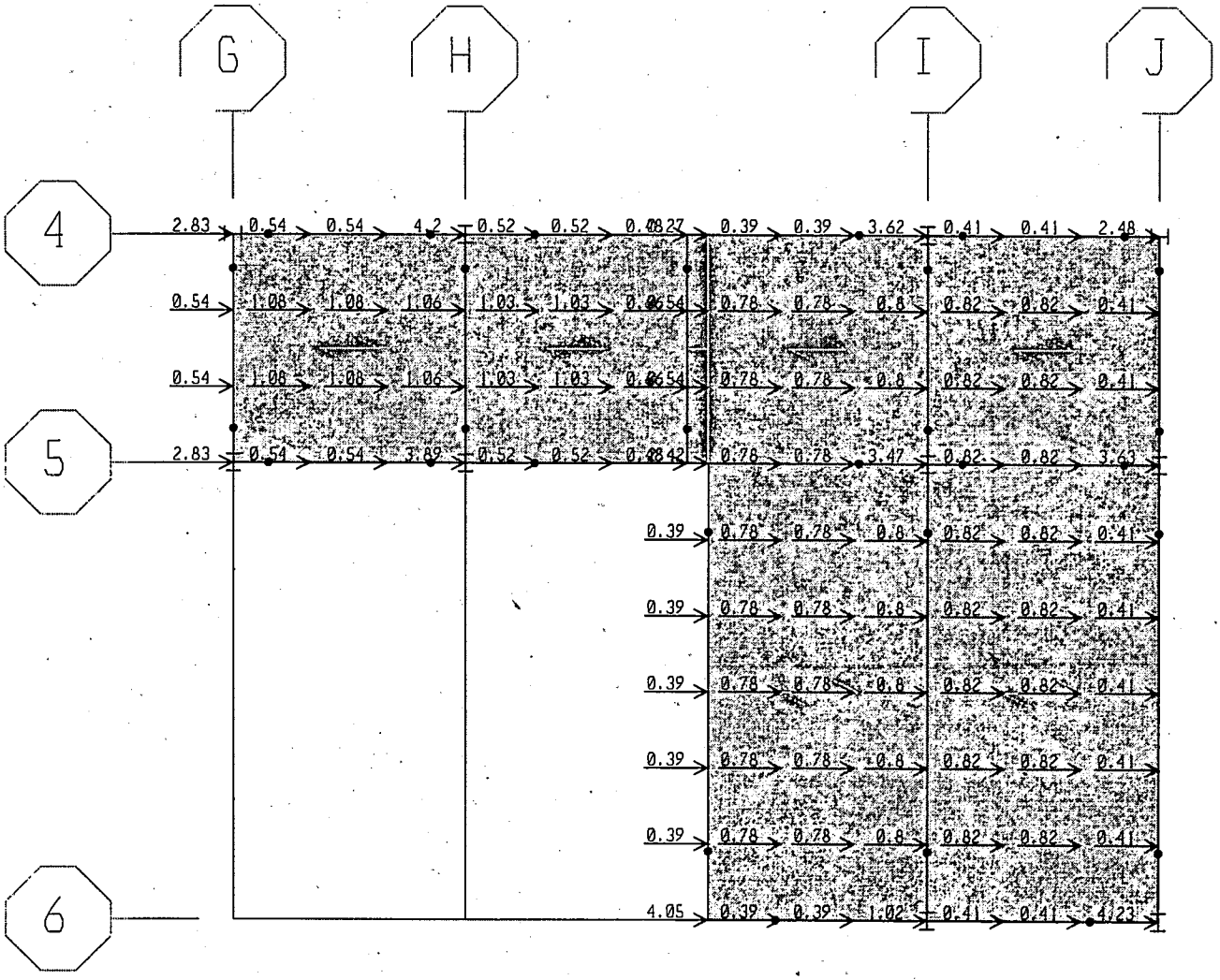
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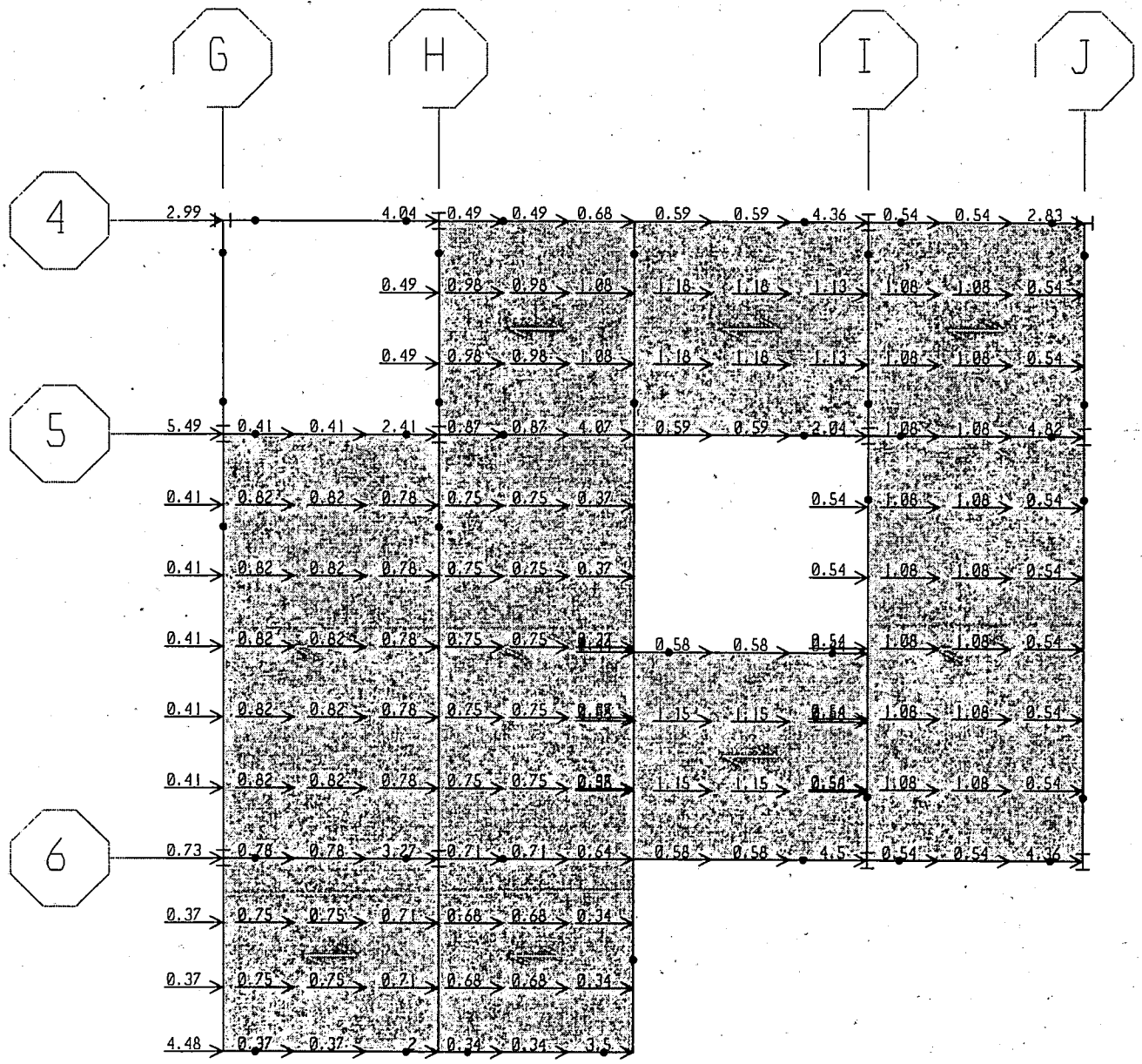
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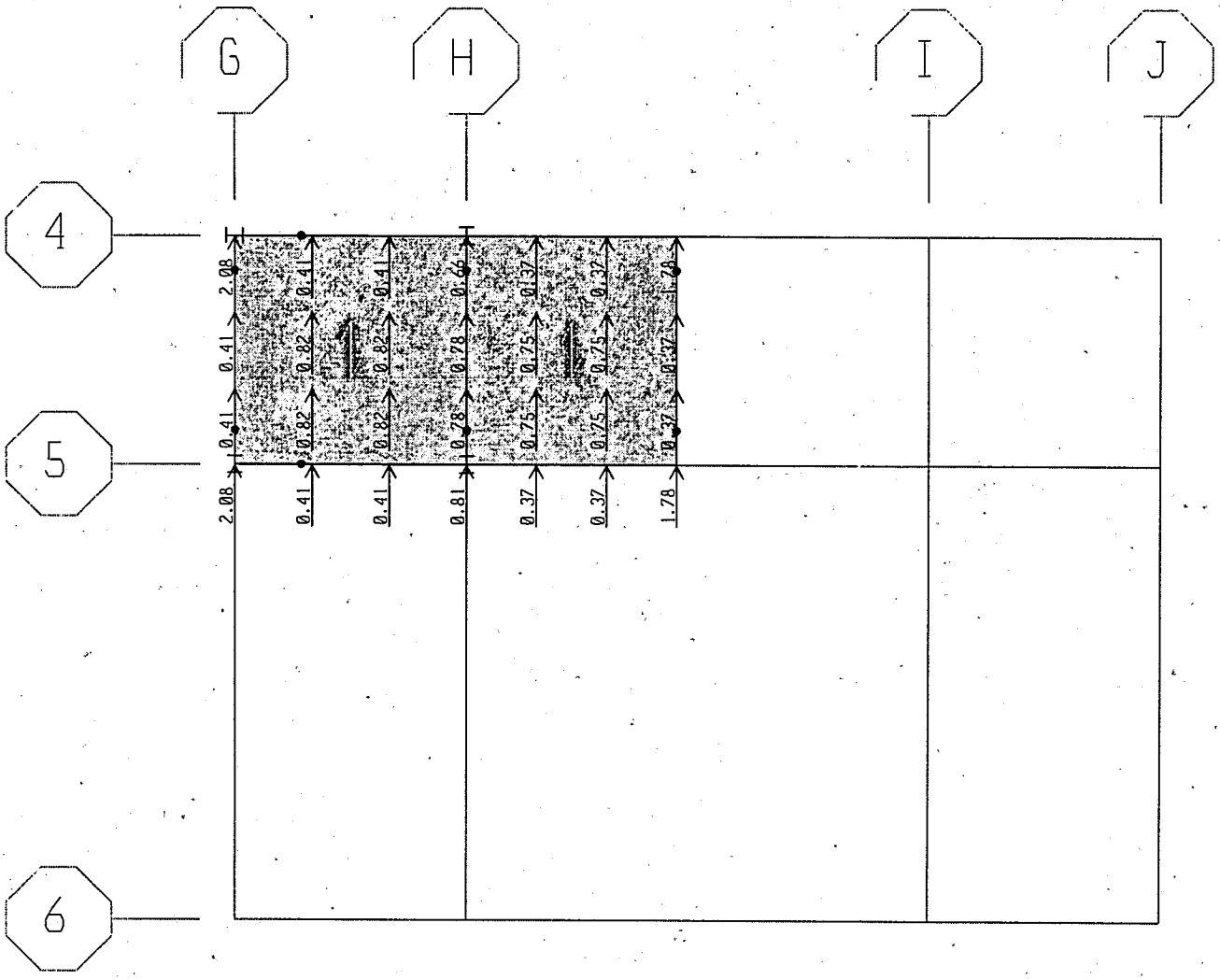
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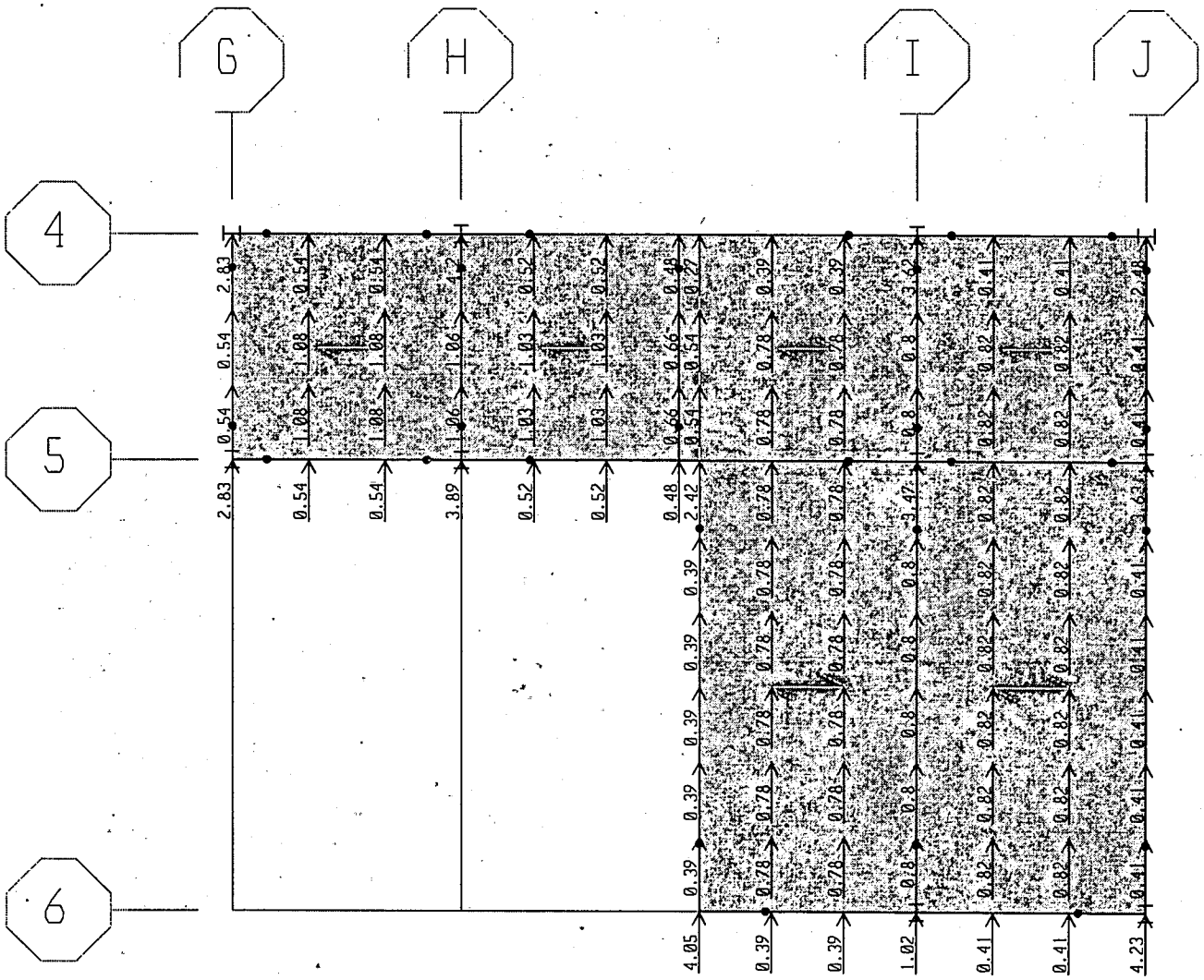
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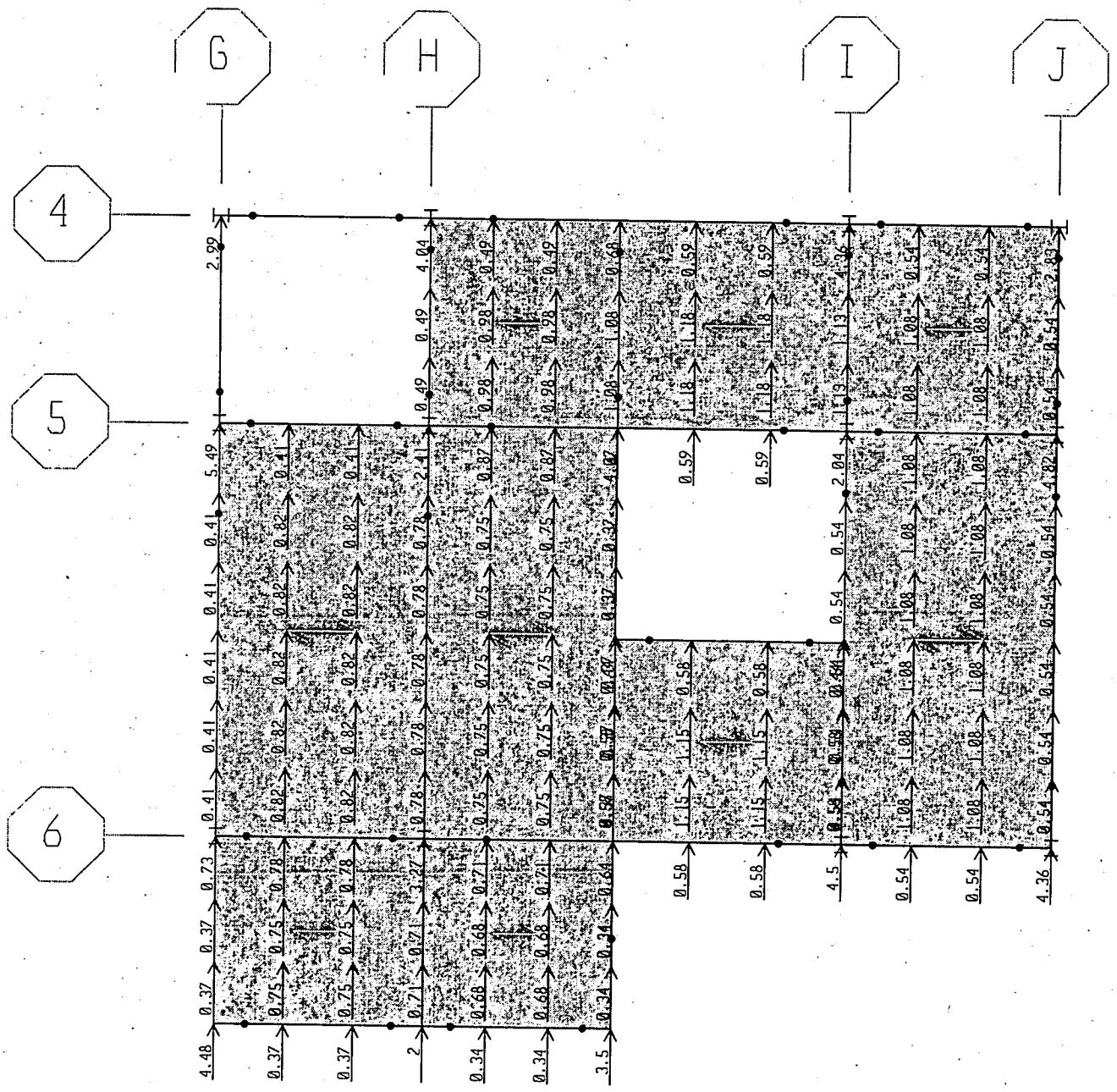
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J.2: Input File

STORY DATA

STORY	SIMILAR TO	HEIGHT	ELEVATION
PENT	None	100.000	376.000
PH2	None	132.000	276.000
PH1	None	144.000	144.000
BASE	None		0.000

COORDINATE SYSTEM LOCATION DATA

NAME	TYPE	X	Y	ROTATION	BUBBLESIZE	VISIBLE
GLOBAL	Cartesian	0.000	0.000	0.00000	60.000	Yes

COORDINATE SYSTEM GRID DATA

SYSTEM NAME	GRID DIR	GRID ID	GRID TYPE	GRID HIDE	BUBBLE LOC	GRID COORDINATE
GLOBAL	X	G	Primary	No	Top	1087.000
GLOBAL	X	H	Primary	No	Top	1219.000
GLOBAL	X	I	Primary	No	Top	1483.000
GLOBAL	X	J	Primary	No	Top	1615.000
GLOBAL	Y	6	Primary	No	Left	1219.000
GLOBAL	Y	5	Primary	No	Left	1483.000
GLOBAL	Y	4	Primary	No	Left	1615.000

POINT COORDINATES

POINT	X	Y	DZ-BELOW
1	1087.000	1099.000	0.000
2	1219.000	1099.000	0.000
3	1339.000	1099.000	0.000
4	1087.000	1219.000	0.000
5	1219.000	1219.000	0.000
6	1339.000	1219.000	0.000
7	1357.000	1219.000	0.000
8	1483.000	1219.000	0.000
9	1615.000	1219.000	0.000
10	1339.000	1348.000	0.000
11	1483.000	1348.000	0.000
12	1087.000	1483.000	0.000
13	1219.000	1483.000	0.000
14	1339.000	1483.000	0.000
15	1345.008	1483.000	0.000
16	1357.000	1483.000	0.000
17	1483.000	1483.000	0.000
18	1615.000	1483.000	0.000
19	1087.000	1615.000	0.000
20	1219.000	1615.000	0.000
21	1339.000	1615.000	0.000
22	1345.008	1615.000	0.000
23	1357.000	1615.000	0.000
24	1483.000	1615.000	0.000
25	1615.000	1615.000	0.000

COLUMN CONNECTIVITY DATA

COLUMN	I END PT	J END PT	I END STORY
C1	4	4	Below
C2	5	5	Below
C3	8	8	Below
C4	9	9	Below
C5	12	12	Below
C6	13	13	Below
C7	17	17	Below
C8	18	18	Below
C9	19	19	Below
C10	20	20	Below
C11	24	24	Below
C12	25	25	Below

B E A M C O N N E C T I V I T Y D A T A

BEAM	I END PT	J END PT
B1	1	2
B2	2	3
B3	4	5
B4	5	6
B5	7	9
B6	8	9
B7	1	12
B8	2	13
B9	14	3
B10	10	11
B11	7	16
B12	17	8
B13	8	17
B14	9	18
B15	12	13
B17	13	17
B18	17	18
B19	12	19
B21	13	20
B23	14	21
B25	15	22
B26	24	17
B27	17	24
B28	18	25
B29	19	20
B31	20	24
B32	24	25
B33	12	16
B34	19	21

B R A C E C O N N E C T I V I T Y D A T A

BRACE	I END PT	J END PT	I END STORY
D1	9	8	Below
D2	8	9	Below
D3	13	12	Below
D5	12	13	Below
D6	19	12	Below
D8	12	19	Below
D9	25	18	Below
D10	18	25	Below
D11	19	20	Below
D13	20	19	Below

F L O O R C O N N E C T I V I T Y D A T A

FLOOR	POINT	POINT	POINT	POINT
F1	1	2	5	4
F2	2	3	6	5
F3	6	8	11	10
F4	4	5	13	12
F5	14	13	5	6
F6	7	8	17	16
F7	8	9	18	17
F8	12	13	20	19
F10	14	21	20	13
F12	13	15	22	20
F13	15	16	23	22
F14	16	17	24	21
F15	16	17	24	23
F16	17	18	25	24
F17	13	14	21	20

M A S S S O U R C E D A T A

MASS FROM	LATERAL MASS ONLY	LUMP MASS AT STORIES
Masses	Yes	No

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A S S E M B L E D   P O I N T   M A S S E S

STORY	POINT	UX	UY	UZ	RX	RY	RZ
PHRF	12	5.377E-03	5.377E-03	5.377E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	13	2.093E-03	2.093E-03	2.093E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	14	4.622E-03	4.622E-03	4.622E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	19	5.374E-03	5.374E-03	5.374E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	20	1.717E-03	1.717E-03	1.717E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	21	4.619E-03	4.619E-03	4.619E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(54)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(55)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(56)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(57)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(58)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(59)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(60)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(61)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(62)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(63)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(64)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(65)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(66)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(67)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PHRF	(68)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(69)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PHRF	(70)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PHRF	(71)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(72)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	(73)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PHRF	(74)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PHRF	(75)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH2	7	1.049E-02	1.049E-02	1.049E-02	0.000E+00	0.000E+00	0.000E+00
PH2	8	2.651E-03	2.651E-03	2.651E-03	0.000E+00	0.000E+00	0.000E+00
PH2	9	1.095E-02	1.095E-02	1.095E-02	0.000E+00	0.000E+00	0.000E+00
PH2	12	7.331E-03	7.331E-03	7.331E-03	0.000E+00	0.000E+00	0.000E+00
PH2	13	1.007E-02	1.007E-02	1.007E-02	0.000E+00	0.000E+00	0.000E+00
PH2	15	1.231E-03	1.231E-03	1.231E-03	0.000E+00	0.000E+00	0.000E+00
PH2	16	6.259E-03	6.259E-03	6.259E-03	0.000E+00	0.000E+00	0.000E+00
PH2	17	8.992E-03	8.992E-03	8.992E-03	0.000E+00	0.000E+00	0.000E+00
PH2	18	9.411E-03	9.411E-03	9.411E-03	0.000E+00	0.000E+00	0.000E+00
PH2	19	7.329E-03	7.329E-03	7.329E-03	0.000E+00	0.000E+00	0.000E+00
PH2	20	1.087E-02	1.087E-02	1.087E-02	0.000E+00	0.000E+00	0.000E+00
PH2	22	1.231E-03	1.231E-03	1.231E-03	0.000E+00	0.000E+00	0.000E+00
PH2	23	6.990E-04	6.990E-04	6.990E-04	0.000E+00	0.000E+00	0.000E+00
PH2	24	9.386E-03	9.386E-03	9.386E-03	0.000E+00	0.000E+00	0.000E+00
PH2	25	6.429E-03	6.429E-03	6.429E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(76)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(77)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(78)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(79)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(80)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(81)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(82)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(83)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(84)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(85)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(86)	2.737E-03	2.737E-03	2.737E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(87)	2.737E-03	2.737E-03	2.737E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(88)	2.080E-03	2.080E-03	2.080E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(89)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(90)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(91)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(92)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(93)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(94)	2.080E-03	2.080E-03	2.080E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(95)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(96)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(97)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(98)	2.080E-03	2.080E-03	2.080E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(99)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(100)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(101)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(102)	2.080E-03	2.080E-03	2.080E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(103)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(104)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(105)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(106)	2.080E-03	2.080E-03	2.080E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(107)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(108)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(109)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(110)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(111)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(112)	2.080E-03	2.080E-03	2.080E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(113)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(114)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(115)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(116)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(117)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(118)	2.080E-03	2.080E-03	2.080E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(119)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(120)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(121)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(122)	2.674E-03	2.674E-03	2.674E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(123)	1.337E-03	1.337E-03	1.337E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(124)	2.674E-03	2.674E-03	2.674E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(125)	1.337E-03	1.337E-03	1.337E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(126)	1.719E-03	1.719E-03	1.719E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(127)	2.674E-03	2.674E-03	2.674E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(128)	2.674E-03	2.674E-03	2.674E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(129)	1.719E-03	1.719E-03	1.719E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(130)	1.337E-03	1.337E-03	1.337E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(131)	1.337E-03	1.337E-03	1.337E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(132)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(133)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(134)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(135)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(136)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(137)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(138)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(139)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(140)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(141)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(142)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(143)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(144)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(145)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(146)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(147)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(148)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(149)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(150)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(151)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(152)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(153)	1.398E-03	1.398E-03	1.398E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(154)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(155)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(156)	1.398E-03	1.398E-03	1.398E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(157)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH2	(158)	1.016E-03	1.016E-03	1.016E-03	0.000E+00	0.000E+00	0.000E+00
PH1	1	1.160E-02	1.160E-02	1.160E-02	0.000E+00	0.000E+00	0.000E+00
PH1	2	5.177E-03	5.177E-03	5.177E-03	0.000E+00	0.000E+00	0.000E+00
PH1	3	9.060E-03	9.060E-03	9.060E-03	0.000E+00	0.000E+00	0.000E+00
PH1	4	1.879E-03	1.879E-03	1.879E-03	0.000E+00	0.000E+00	0.000E+00
PH1	5	8.474E-03	8.474E-03	8.474E-03	0.000E+00	0.000E+00	0.000E+00
PH1	6	1.670E-03	1.670E-03	1.670E-03	0.000E+00	0.000E+00	0.000E+00
PH1	8	1.164E-02	1.164E-02	1.164E-02	0.000E+00	0.000E+00	0.000E+00
PH1	9	1.130E-02	1.130E-02	1.130E-02	0.000E+00	0.000E+00	0.000E+00
PH1	10	1.152E-03	1.152E-03	1.152E-03	0.000E+00	0.000E+00	0.000E+00
PH1	11	1.152E-03	1.152E-03	1.152E-03	0.000E+00	0.000E+00	0.000E+00
PH1	12	1.422E-02	1.422E-02	1.422E-02	0.000E+00	0.000E+00	0.000E+00
PH1	13	6.242E-03	6.242E-03	6.242E-03	0.000E+00	0.000E+00	0.000E+00
PH1	14	1.054E-02	1.054E-02	1.054E-02	0.000E+00	0.000E+00	0.000E+00
PH1	17	5.280E-03	5.280E-03	5.280E-03	0.000E+00	0.000E+00	0.000E+00
PH1	18	1.248E-02	1.248E-02	1.248E-02	0.000E+00	0.000E+00	0.000E+00
PH1	19	7.749E-03	7.749E-03	7.749E-03	0.000E+00	0.000E+00	0.000E+00
PH1	20	1.046E-02	1.046E-02	1.046E-02	0.000E+00	0.000E+00	0.000E+00
PH1	21	1.773E-03	1.773E-03	1.773E-03	0.000E+00	0.000E+00	0.000E+00
PH1	24	1.129E-02	1.129E-02	1.129E-02	0.000E+00	0.000E+00	0.000E+00
PH1	25	7.328E-03	7.328E-03	7.328E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(159)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(160)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(161)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(162)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(163)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(164)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(165)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(166)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(167)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(168)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(169)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(170)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(171)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(172)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(173)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(174)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(175)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(176)	2.129E-03	2.129E-03	2.129E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(177)	2.032E-03	2.032E-03	2.032E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(178)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(179)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(180)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(181)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(182)	1.064E-03	1.064E-03	1.064E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(183)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(184)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(185)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(186)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(187)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(188)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(189)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(190)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(191)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(192)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(193)	2.928E-03	2.928E-03	2.928E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(194)	2.928E-03	2.928E-03	2.928E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(195)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(196)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(197)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(198)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(199)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(200)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(201)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(202)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(203)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(204)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(205)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(206)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(207)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(208)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(209)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(210)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(211)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(212)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(213)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(214)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(215)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(216)	1.400E-03	1.400E-03	1.400E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(217)	1.273E-03	1.273E-03	1.273E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(218)	2.546E-03	2.546E-03	2.546E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(219)	1.273E-03	1.273E-03	1.273E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(220)	2.546E-03	2.546E-03	2.546E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(221)	1.273E-03	1.273E-03	1.273E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(222)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(223)	1.273E-03	1.273E-03	1.273E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(224)	2.546E-03	2.546E-03	2.546E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(225)	2.546E-03	2.546E-03	2.546E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(226)	2.801E-03	2.801E-03	2.801E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(227)	2.241E-03	2.241E-03	2.241E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(228)	2.241E-03	2.241E-03	2.241E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(229)	3.056E-03	3.056E-03	3.056E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(230)	1.528E-03	1.528E-03	1.528E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(231)	3.056E-03	3.056E-03	3.056E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(232)	1.528E-03	1.528E-03	1.528E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(233)	3.056E-03	3.056E-03	3.056E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(234)	3.056E-03	3.056E-03	3.056E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(235)	1.528E-03	1.528E-03	1.528E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(236)	1.528E-03	1.528E-03	1.528E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(237)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(238)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(239)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(240)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(241)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(242)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(243)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(244)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(245)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(246)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(247)	1.847E-03	1.847E-03	1.847E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(248)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(249)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(250)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(251)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(252)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(253)	1.847E-03	1.847E-03	1.847E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(254)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(255)	2.986E-03	2.986E-03	2.986E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(256)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(257)	2.986E-03	2.986E-03	2.986E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(258)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(259)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(260)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(261)	2.986E-03	2.986E-03	2.986E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(262)	2.986E-03	2.986E-03	2.986E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(263)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(264)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(265)	1.493E-03	1.493E-03	1.493E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(266)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(267)	1.847E-03	1.847E-03	1.847E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(268)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(269)	1.847E-03	1.847E-03	1.847E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(270)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(271)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(272)	1.935E-03	1.935E-03	1.935E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(273)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(274)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(275)	9.676E-04	9.676E-04	9.676E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(276)	8.796E-04	8.796E-04	8.796E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(277)	1.759E-03	1.759E-03	1.759E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(278)	1.759E-03	1.759E-03	1.759E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(279)	8.796E-04	8.796E-04	8.796E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(280)	1.759E-03	1.759E-03	1.759E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(281)	1.759E-03	1.759E-03	1.759E-03	0.000E+00	0.000E+00	0.000E+00
PH1	(282)	8.796E-04	8.796E-04	8.796E-04	0.000E+00	0.000E+00	0.000E+00
PH1	(283)	8.796E-04	8.796E-04	8.796E-04	0.000E+00	0.000E+00	0.000E+00
BASE	4	5.132E-04	5.132E-04	5.132E-04	0.000E+00	0.000E+00	0.000E+00
BASE	5	5.132E-04	5.132E-04	5.132E-04	0.000E+00	0.000E+00	0.000E+00
BASE	8	1.211E-03	1.211E-03	1.211E-03	0.000E+00	0.000E+00	0.000E+00
BASE	9	5.132E-04	5.132E-04	5.132E-04	0.000E+00	0.000E+00	0.000E+00
BASE	12	1.211E-03	1.211E-03	1.211E-03	0.000E+00	0.000E+00	0.000E+00
BASE	13	5.132E-04	5.132E-04	5.132E-04	0.000E+00	0.000E+00	0.000E+00
BASE	17	5.132E-04	5.132E-04	5.132E-04	0.000E+00	0.000E+00	0.000E+00
BASE	18	5.132E-04	5.132E-04	5.132E-04	0.000E+00	0.000E+00	0.000E+00
BASE	19	1.352E-03	1.352E-03	1.352E-03	0.000E+00	0.000E+00	0.000E+00
BASE	20	1.211E-03	1.211E-03	1.211E-03	0.000E+00	0.000E+00	0.000E+00
BASE	24	5.132E-04	5.132E-04	5.132E-04	0.000E+00	0.000E+00	0.000E+00
BASE	25	1.352E-03	1.352E-03	1.352E-03	0.000E+00	0.000E+00	0.000E+00
PHRF	All	5.631E-02	5.631E-02	-5.631E-02	0.000E+00	0.000E+00	0.000E+00
PH2	All	2.527E-01	2.527E-01	-2.527E-01	0.000E+00	0.000E+00	0.000E+00
PH1	All	3.878E-01	3.878E-01	-3.878E-01	0.000E+00	0.000E+00	0.000E+00
BASE	All	9.930E-03	9.930E-03	-9.930E-03	0.000E+00	0.000E+00	0.000E+00
Totals	All	7.067E-01	7.067E-01	7.067E-01	0.000E+00	0.000E+00	0.000E+00

MATERIAL PROPERTY DATA

MATERIAL NAME	MATERIAL TYPE	DESIGN TYPE	MATERIAL DIR/PLANE	MODULUS OF ELASTICITY	POISSON'S RATIO	THERMAL COEFF	SHEAR MODULUS
STEEL	Iso	Steel	All	29000.000	0.3000	6.5000E-06	11153.846
CONC	Iso	Concrete	All	3122.322	0.2000	5.5000E-06	1300.926
HSSSTEEL	Iso	Steel	All	29000.000	0.3000	6.5000E-06	11153.846
SLAB	Iso	Concrete	All	3122.322	0.2000	5.5000E-06	1300.926

MATERIAL PROPERTY MASS AND WEIGHT

MATERIAL NAME	MASS PER UNIT VOL	WEIGHT PER UNIT VOL
STEEL	7.3400E-07	2.8360E-04
CONC	0.0000E+00	0.0000E+00
HSSSTEEL	7.3400E-07	2.8360E-04
SLAB	0.0000E+00	0.0000E+00

MATERIAL DESIGN DATA FOR STEEL MATERIALS

MATERIAL NAME	STEEL FY	STEEL FU	STEEL COST ($)
STEEL	50.000	65.000	1.00
HSSSTEEL	46.000	58.000	1.00

MATERIAL DESIGN DATA FOR CONCRETE MATERIALS

MATERIAL NAME	LIGHTWEIGHT CONCRETE	CONCRETE FC	REBAR FY	REBAR FYS	LIGHTWT REDUC FACT
CONC	No	3.000	60.000	60.000	N/A
SLAB	No	3.000	60.000	60.000	N/A

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	MATERIAL NAME	SECTION SHAPE NAME OR NAME IN SECTION DATABASE FILE	CONC COL	CONC BEAM
HSS4X4X.250	HSSSTEEL	HSS4X4X.250		
W10X12	STEEL	W10X12		
HSS4X4X.500	HSSSTEEL	HSS4X4X.500		
HSS5X5X.3125	HSSSTEEL	HSS5X5X.3125		
W10X33	STEEL	W10X33		
W16X26	STEEL	W16X26		
HSS5X5X.375	HSSSTEEL	HSS5X5X.375		
HSS5X5X.500	HSSSTEEL	HSS5X5X.500		
HSS6X6X.500	HSSSTEEL	HSS6X6X.500		
HSS6X6X.625	HSSSTEEL	HSS6X6X.625		

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION DEPTH	FLANGE WIDTH TOP	FLANGE THICK TOP	WEB THICK	FLANGE WIDTH BOT	FLANGE THICK BOT
HSS4X4X.250	4.0000	4.0000	0.2330	0.2330	0.0000	0.0000
W10X12	9.8700	3.9600	0.2100	0.1900	3.9600	0.2100
HSS4X4X.500	4.0000	4.0000	0.4650	0.4650	0.0000	0.0000
HSS5X5X.3125	5.0000	5.0000	0.2910	0.2910	0.0000	0.0000
W10X33	9.7300	7.9600	0.4350	0.2900	7.9600	0.4350
W16X26	15.7000	5.5000	0.3450	0.2500	5.5000	0.3450
HSS5X5X.375	5.0000	5.0000	0.3490	0.3490	0.0000	0.0000
HSS5X5X.500	5.0000	5.0000	0.4650	0.4650	0.0000	0.0000
HSS6X6X.500	6.0000	6.0000	0.4650	0.4650	0.0000	0.0000
HSS6X6X.625	6.0000	6.0000	0.5810	0.5810	0.0000	0.0000

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION AREA	TORSIONAL CONSTANT	MOMENTS OF INERTIA I33	MOMENTS OF INERTIA I22	SHEAR AREAS A2	SHEAR AREAS A3
HSS4X4X.250	3.3700	12.8000	7.8000	7.8000	1.8640	1.8640
W10X12	3.5400	0.0547	53.8000	2.1800	1.8753	1.3860
HSS4X4X.500	6.0200	21.0000	11.9000	11.9000	3.7200	3.7200
HSS5X5X.3125	5.2600	31.2000	19.0000	19.0000	2.9100	2.9100
W10X33	9.7100	0.5830	171.0000	36.6000	1.8217	5.7710
W16X26	7.6800	0.2620	301.0000	9.5300	3.9250	3.1625
HSS5X5X.375	6.1800	36.1000	21.7000	21.7000	3.4900	3.4900
HSS5X5X.500	7.8400	44.6000	26.0000	26.0000	4.6500	4.6500
HSS6X6X.500	9.7400	81.1000	48.3000	48.3000	5.5800	5.5800
HSS6X6X.625	11.7000	94.9000	55.2000	55.2000	6.9720	6.9720

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION MODULI S33	SECTION MODULI S22	PLASTIC MODULI Z33	PLASTIC MODULI Z22	RADIUS OF GYRATION R33	RADIUS OF GYRATION R22
HSS4X4X.250	3.9000	3.9000	4.6900	4.6900	1.5214	1.5214
W10X12	10.9017	1.1010	12.6000	1.7400	3.8984	0.7847
HSS4X4X.500	5.9500	5.9500	7.7000	7.7000	1.4060	1.4060
HSS5X5X.3125	7.6000	7.6000	9.1600	9.1600	1.9006	1.9006
W10X33	35.1490	9.1960	38.8000	14.0000	4.1965	1.9415
W16X26	38.3439	3.4873	44.2000	5.4800	6.2604	1.1175
HSS5X5X.375	8.6800	8.6800	10.6000	10.6000	1.8739	1.8739
HSS5X5X.500	10.4000	10.4000	13.1000	13.1000	1.8165	1.8165
HSS6X6X.500	16.1000	16.1000	19.8000	19.8000	2.3269	2.3269
HSS6X6X.625	18.4000	18.4000	23.2000	23.2000	2.1721	2.1721

FRAME SECTION WEIGHTS AND MASSES

FRAME SECTION NAME	TOTAL WEIGHT	TOTAL MASS
HSS4X4X.250	0.0000	0.0000
W10X12	0.0000	0.0000
HSS4X4X.500	0.0000	0.0000
HSS5X5X.3125	0.0000	0.0000
W10X33	9.4950	0.0246
W16X26	16.7899	0.0435
HSS5X5X.375	2.5066	0.0065
HSS5X5X.500	0.0000	0.0000
HSS6X6X.500	1.6188	0.0042
HSS6X6X.625	1.2964	0.0034

SHELL SECTION PROPERTY DATA

SHELL SECTION	MATERIAL NAME	SHELL TYPE	LOAD DIST ONE WAY	MEMBRANE THICK	BENDING THICK	TOTAL WEIGHT	TOTAL MASS
SLAB	SLAB	Shell-Thin	Yes	2.5000	2.5000	0.0000	0.0000
DECK	SLAB	Membrane	No	2.5000	2.5000	0.0000	0.0000

DECK SECTION PROPERTY DATA

DECK SECTION	DECK TYPE	SLAB MATERIAL	DECK MATERIAL	DECK SHEAR THICK	DECK UNIT WT
DECK	Filled	SLAB	N/A	N/A	0.0000E+00

DECK SECTION SHEAR STUD DATA

DECK SECTION	STUD DIAM	STUD HEIGHT	STUD FU
DECK	0.7500	4.5000	60.000

DECK SECTION GEOMETRY DATA

DECK SECTION	SLAB DEPTH	RIB DEPTH	RIB WIDTH	RIB SPACING
DECK	2.5000	3.0000	6.0000	12.0000

STATIC LOAD CASES

STATIC CASE	CASE TYPE	AUTO LAT LOAD	SELF WT MULTIPLIER
DEAD	DEAD	N/A	1.0000
LIVE	LIVE	N/A	0.0000
FPXPERF	QUAKE	USER_COEFF	0.0000
FPXPE2	QUAKE	USER_COEFF	0.0000
FPXPE1	QUAKE	USER_COEFF	0.0000
FPYPERF	QUAKE	USER_COEFF	0.0000
FPYPE2	QUAKE	USER_COEFF	0.0000
FPYPE1	QUAKE	USER_COEFF	0.0000

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
FPX	ADD	FPXPERF	Static	1.0000
		FPXPE2	Static	1.0000
		FPXPE1	Static	1.0000
FPY	ADD	FPYPERF	Static	1.0000
		FPYPE2	Static	1.0000
		FPYPE1	Static	1.0000
ASD1	ABS	DEAD	Static	0.7500
		LIVE	Static	0.7500
		FPX	Combo	0.5400
ASD2	ABS	DEAD	Static	0.7500
		LIVE	Static	0.7500
		FPY	Combo	0.5400
FP	ENVE	FPX	Combo	1.0000
		FPY	Combo	1.0000
PU	ABS	DEAD	Static	1.2000
		LIVE	Static	1.0000
		FP	Combo	1.0000

SUPPORT (RESTRAINT) DATA

STORY	POINT	RESTRAINED DOF's UX	UY	UZ	RX	RY	RZ
BASE	4	Yes	Yes	Yes			
BASE	5	Yes	Yes	Yes			
BASE	8	Yes	Yes	Yes			
BASE	9	Yes	Yes	Yes			
BASE	12	Yes	Yes	Yes			
BASE	13	Yes	Yes	Yes			
BASE	17	Yes	Yes	Yes			
BASE	18	Yes	Yes	Yes			
BASE	19	Yes	Yes	Yes			
BASE	20	Yes	Yes	Yes			
BASE	24	Yes	Yes	Yes			
BASE	25	Yes	Yes	Yes			

FRAME SECTION ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	SECTION TYPE	AUTO SELECT SECTION	ANALYSIS SECTION	DESIGN PROCEDURE	DESIGN SECTION
PERF	C5	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PERF	C6	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PERF	C9	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PERF	C10	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C3	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C4	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C5	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C6	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C7	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C8	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C9	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C10	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C11	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE2	C12	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C1	Column	I/Wide Flange	None	W10X33	Null	N/A
PE1	C2	Column	I/Wide Flange	None	W10X33	Null	N/A
PE1	C3	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C4	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C5	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C6	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C7	Column	I/Wide Flange	None	W10X33	Null	N/A
PE1	C8	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C9	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C10	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PE1	C11	Column	I/Wide Flange	None	W10X33	Null	N/A
PE1	C12	Column	I/Wide Flange	None	W10X33	Steel Frame	W10X33
PERF	B19	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PERF	B21	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PERF	B23	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PERF	B32	Beam	I/Wide Flange	None	W16X26	Steel Frame	W16X26
PERF	B34	Beam	I/Wide Flange	None	W16X26	Steel Frame	W16X26
PE2	B5	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B11	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B13	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B14	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B15	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B17	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B18	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B19	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B21	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B25	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B27	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B28	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B29	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B31	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE2	B32	Beam	I/Wide Flange	None	W16X26	Comp Beam	N/A
PE1	B1	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B2	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B3	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B4	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B6	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B7	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B8	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B9	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B10	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B12	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B14	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B15	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B17	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B18	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B19	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B21	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B23	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B26	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B28	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B29	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B31	Beam	I/Wide Flange	None	W16X26	Null	N/A
PE1	B32	Beam	I/Wide Flange	None	W16X26	Null	N/A
PERF	D5	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PERF	D6	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PERF	D13	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PE2	D1	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PE2	D3	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PE2	D8	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PE2	D10	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PE2	D11	Brace	Box/Tube	None	HSS5X5X.375	Steel Frame	HSS5X5X.375
PE1	D2	Brace	Box/Tube	None	HSS6X6X.500	Steel Frame	HSS6X6X.500
PE1	D5	Brace	Box/Tube	None	HSS6X6X.500	Steel Frame	HSS6X6X.500

FRAME SECTION ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	SECTION TYPE	AUTO SELECT SECTION	ANALYSIS SECTION	DESIGN PROCEDURE	DESIGN SECTION
PH1	D6	Brace	Box/Tube	None	HSS6X6X.625	Steel Frame	HSS6X6X.625
PH1	D9	Brace	Box/Tube	None	HSS6X6X.625	Steel Frame	HSS6X6X.625
PH1	D13	Brace	Box/Tube	None	HSS6X6X.500	Steel Frame	HSS6X6X.500

RELEASE ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	P	V2	V3	T	M2	M3
PHRF	B19	Beam	None	None	None	I-end	Both ends	Both ends
PHRF	B21	Beam	None	None	None	I-end	Both ends	Both ends
PHRF	B23	Beam	None	None	None	None	Both ends	Both ends
PHRF	B33	Beam	None	None	None	I-end	I-end	I-end
PHRF	B34	Beam	None	None	None	I-end	I-end	I-end
PH2	B5	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B11	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B13	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B14	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B15	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B17	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B18	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B19	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B21	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B25	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B27	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B28	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B29	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B31	Beam	None	None	None	I-end	Both ends	Both ends
PH2	B32	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B1	Beam	None	None	None	None	Both ends	Both ends
PH1	B2	Beam	None	None	None	None	Both ends	Both ends
PH1	B3	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B4	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B6	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B7	Beam	None	None	None	J-end	J-end	J-end
PH1	B8	Beam	None	None	None	J-end	J-end	J-end
PH1	B9	Beam	None	None	None	J-end	J-end	J-end
PH1	B10	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B12	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B14	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B15	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B17	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B18	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B19	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B21	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B23	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B26	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B28	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B29	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B31	Beam	None	None	None	I-end	Both ends	Both ends
PH1	B33	Beam	None	None	None	I-end	Both ends	Both ends
PHRF	D5	Brace	None	None	None	I-end	Both ends	Both ends
PHRF	D6	Brace	None	None	None	I-end	Both ends	Both ends
PHRF	D13	Brace	None	None	None	I-end	Both ends	Both ends
PH2	D1	Brace	None	None	None	I-end	Both ends	Both ends
PH2	D3	Brace	None	None	None	I-end	Both ends	Both ends
PH2	D8	Brace	None	None	None	I-end	Both ends	Both ends
PH2	D10	Brace	None	None	None	I-end	Both ends	Both ends
PH2	D11	Brace	None	None	None	I-end	Both ends	Both ends
PH1	D2	Brace	None	None	None	I-end	Both ends	Both ends
PH1	D5	Brace	None	None	None	I-end	Both ends	Both ends
PH1	D6	Brace	None	None	None	I-end	Both ends	Both ends
PH1	D9	Brace	None	None	None	I-end	Both ends	Both ends
PH1	D13	Brace	None	None	None	I-end	Both ends	Both ends

CARDINAL POINT ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	CARDINAL POINT	MIRROR ABOUT 2	TRANSFORM STIFFNESS
PHRF	C5	Column	10	No	No
PHRF	C6	Column	10	No	No
PHRF	C9	Column	10	No	No
PHRF	C10	Column	10	No	No
PH2	C3	Column	10	No	No
PH2	C4	Column	10	No	No
PH2	C5	Column	10	No	No
PH2	C6	Column	10	No	No
PH2	C7	Column	10	No	No
PH2	C8	Column	10	No	No
PH2	C9	Column	10	No	No
PH2	C10	Column	10	No	No
PH2	C11	Column	10	No	No
PH2	C12	Column	10	No	No
PH1	C1	Column	10	No	No
PH1	C2	Column	10	No	No
PH1	C3	Column	10	No	No
PH1	C4	Column	10	No	No
PH1	C5	Column	10	No	No
PH1	C6	Column	10	No	No
PH1	C7	Column	10	No	No
PH1	C8	Column	10	No	No
PH1	C9	Column	10	No	No
PH1	C10	Column	10	No	No
PH1	C11	Column	10	No	No
PH1	C12	Column	10	No	No
PHRF	B19	Beam	8	No	No
PHRF	B21	Beam	8	No	No
PHRF	B23	Beam	8	No	No
PHRF	B33	Beam	8	No	No
PHRF	B34	Beam	8	No	No
PH2	B5	Beam	8	No	No
PH2	B11	Beam	8	No	No
PH2	B13	Beam	8	No	No
PH2	B14	Beam	8	No	No
PH2	B15	Beam	8	No	No
PH2	B17	Beam	8	No	No
PH2	B18	Beam	8	No	No
PH2	B19	Beam	8	No	No
PH2	B21	Beam	8	No	No
PH2	B25	Beam	8	No	No
PH2	B27	Beam	8	No	No
PH2	B28	Beam	8	No	No
PH2	B29	Beam	8	No	No
PH2	B31	Beam	8	No	No
PH2	B32	Beam	8	No	No
PH1	B1	Beam	8	No	No
PH1	B2	Beam	8	No	No
PH1	B3	Beam	8	No	No
PH1	B4	Beam	8	No	No
PH1	B6	Beam	8	No	No
PH1	B7	Beam	8	No	No
PH1	B8	Beam	8	No	No
PH1	B9	Beam	8	No	No
PH1	B10	Beam	8	No	No
PH1	B12	Beam	8	No	No
PH1	B14	Beam	8	No	No
PH1	B15	Beam	8	No	No
PH1	B17	Beam	8	No	No
PH1	B18	Beam	8	No	No
PH1	B19	Beam	8	No	No
PH1	B21	Beam	8	No	No
PH1	B23	Beam	8	No	No
PH1	B26	Beam	8	No	No
PH1	B28	Beam	8	No	No
PH1	B29	Beam	8	No	No
PH1	B31	Beam	8	No	No
PH1	B32	Beam	8	No	No
PHRF	D5	Brace	10	No	No
PHRF	D6	Brace	10	No	No
PHRF	D13	Brace	10	No	No
PH2	D1	Brace	10	No	No
PH2	D3	Brace	10	No	No
PH2	D8	Brace	10	No	No
PH2	D10	Brace	10	No	No
PH2	D11	Brace	10	No	No
PH1	D2	Brace	10	No	No
PH1	D5	Brace	10	No	No

CARDINAL POINT ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	CARDINAL POINT	MIRROR ABOUT 2	TRANSFORM STIFFNESS
PH1	D6	Brace	10	No	No
PH1	D9	Brace	10	No	No
PH1	D13	Brace	10	No	No

END OFFSET (ALONG LENGTH) ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	OFFSET TYPE	I END OFFSET	J END OFFSET	RIGID ZONE FACTOR
PERF	C5	Column	Automatic	0.0000	15.7000	0.0000
PERF	C6	Column	Automatic	0.0000	15.7000	0.0000
PERF	C9	Column	Automatic	0.0000	15.7000	0.0000
PERF	C10	Column	Automatic	0.0000	15.7000	0.0000
PH2	C3	Column	Automatic	0.0000	15.7000	0.0000
PH2	C4	Column	Automatic	0.0000	15.7000	0.0000
PH2	C5	Column	Automatic	0.0000	15.7000	0.0000
PH2	C6	Column	Automatic	0.0000	15.7000	0.0000
PH2	C7	Column	Automatic	0.0000	15.7000	0.0000
PH2	C8	Column	Automatic	0.0000	15.7000	0.0000
PH2	C9	Column	Automatic	0.0000	15.7000	0.0000
PH2	C10	Column	Automatic	0.0000	15.7000	0.0000
PH2	C11	Column	Automatic	0.0000	15.7000	0.0000
PH2	C12	Column	Automatic	0.0000	15.7000	0.0000
PH1	C1	Column	Automatic	0.0000	15.7000	0.0000
PH1	C2	Column	Automatic	0.0000	15.7000	0.0000
PH1	C3	Column	Automatic	0.0000	15.7000	0.0000
PH1	C4	Column	Automatic	0.0000	15.7000	0.0000
PH1	C5	Column	Automatic	0.0000	15.7000	0.0000
PH1	C6	Column	Automatic	0.0000	15.7000	0.0000
PH1	C7	Column	Automatic	0.0000	15.7000	0.0000
PH1	C8	Column	Automatic	0.0000	15.7000	0.0000
PH1	C9	Column	Automatic	0.0000	15.7000	0.0000
PH1	C10	Column	Automatic	0.0000	15.7000	0.0000
PH1	C11	Column	Automatic	0.0000	15.7000	0.0000
PH1	C12	Column	Automatic	0.0000	15.7000	0.0000
PERF	B19	Beam	Automatic	4.8650	3.9800	0.0000
PERF	B21	Beam	Automatic	4.8650	4.8650	0.0000
PERF	B23	Beam	Automatic	0.0000	0.0000	0.0000
PERF	B33	Beam	Automatic	3.9800	0.0000	0.0000
PERF	B34	Beam	Automatic	4.8650	0.0000	0.0000
PH2	B5	Beam	Automatic	0.0000	3.9800	0.0000
PH2	B11	Beam	Automatic	0.0000	0.0000	0.0000
PH2	B13	Beam	Automatic	4.8650	4.8650	0.0000
PH2	B14	Beam	Automatic	4.8650	4.8650	0.0000
PH2	B15	Beam	Automatic	3.9800	3.9800	0.0000
PH2	B17	Beam	Automatic	3.9800	3.9800	0.0000
PH2	B18	Beam	Automatic	3.9800	3.9800	0.0000
PH2	B19	Beam	Automatic	4.8650	3.9800	0.0000
PH2	B21	Beam	Automatic	4.8650	4.8650	0.0000
PH2	B25	Beam	Automatic	0.0000	0.0000	0.0000
PH2	B27	Beam	Automatic	4.8650	4.8650	0.0000
PH2	B28	Beam	Automatic	4.8650	3.9800	0.0000
PH2	B29	Beam	Automatic	4.8650	3.9800	0.0000
PH2	B31	Beam	Automatic	3.9800	3.9800	0.0000
PH2	B32	Beam	Automatic	3.9800	4.8650	0.0000
PH1	B1	Beam	Automatic	0.0000	0.0000	0.0000
PH1	B2	Beam	Automatic	0.0000	0.0000	0.0000
PH1	B3	Beam	Automatic	3.9800	3.9800	0.0000
PH1	B4	Beam	Automatic	3.9800	3.9800	0.0000
PH1	B6	Beam	Automatic	3.9800	3.9800	0.0000
PH1	B7	Beam	Automatic	0.0000	4.8650	0.0000
PH1	B8	Beam	Automatic	0.0000	4.8650	0.0000
PH1	B9	Beam	Automatic	0.0000	0.0000	0.0000
PH1	B10	Beam	Automatic	0.0000	0.0000	0.0000
PH1	B12	Beam	Automatic	4.8650	4.8650	0.0000
PH1	B16	Beam	Automatic	4.8650	4.8650	0.0000
PH1	B15	Beam	Automatic	3.9800	3.9800	0.0000
PH1	B17	Beam	Automatic	3.9800	3.9800	0.0000
PH1	B18	Beam	Automatic	3.9800	3.9800	0.0000
PH1	B19	Beam	Automatic	4.8650	3.9800	0.0000
PH1	B21	Beam	Automatic	4.8650	4.8650	0.0000
PH1	B23	Beam	Automatic	0.0000	0.0000	0.0000
PH1	B26	Beam	Automatic	4.8650	4.8650	0.0000
PH1	B28	Beam	Automatic	4.8650	3.9800	0.0000
PH1	B29	Beam	Automatic	4.8650	3.9800	0.0000
PH1	B31	Beam	Automatic	3.9800	3.9800	0.0000
PH1	B32	Beam	Automatic	3.9800	4.8650	0.0000
PERF	D5	Brace	Automatic	0.0000	0.0000	0.0000
PERF	D6	Brace	Automatic	0.0000	0.0000	0.0000
PERF	D13	Brace	Automatic	0.0000	0.0000	0.0000
PH2	D1	Brace	Automatic	0.0000	0.0000	0.0000
PH2	D3	Brace	Automatic	0.0000	0.0000	0.0000
PH2	D4	Brace	Automatic	0.0000	0.0000	0.0000
PH2	D10	Brace	Automatic	0.0000	0.0000	0.0000
PH2	D11	Brace	Automatic	0.0000	0.0000	0.0000
PH1	D2	Brace	Automatic	0.0000	0.0000	0.0000
PH1	D5	Brace	Automatic	0.0000	0.0000	0.0000

END OFFSET (ALONG LENGTH) ASSIGNMENTS TO LINE OBJECTS

STORY LEVEL	LINE ID	LINE TYPE	OFFSET TYPE	I END OFFSET	J END OFFSET	RIGID ZONE FACTOR
PH1	D6	Brace	Automatic	0.0000	0.0000	0.0000
PH1	D9	Brace	Automatic	0.0000	0.0000	0.0000
PH1	D13	Brace	Automatic	0.0000	0.0000	0.0000

LINE MASS ASSIGNMENTS
(LINE MASS IS A MASS PER UNIT LENGTH)

STORY	LINE	LINETYPE	MASS
PERF	B19	Beam	1.5972E-05
PERF	B23	Beam	1.5972E-05
PERF	B33	Beam	1.5972E-05
PERF	B34	Beam	1.5972E-05
PH2	B5	Beam	3.2639E-05
PH2	B11	Beam	3.2639E-05
PH2	B14	Beam	3.2639E-05
PH2	B15	Beam	3.2639E-05
PH2	B17	Beam	3.2639E-05
PH2	B19	Beam	3.2639E-05
PH2	B28	Beam	3.2639E-05
PH2	B29	Beam	3.2639E-05
PH2	B31	Beam	3.2639E-05
PH2	B32	Beam	3.2639E-05
PH1	B1	Beam	3.7500E-05
PH1	B4	Beam	3.7500E-05
PH1	B6	Beam	3.7500E-05
PH1	B7	Beam	3.7500E-05
PH1	B9	Beam	3.7500E-05
PH1	B14	Beam	3.7500E-05
PH1	B19	Beam	3.7500E-05
PH1	B28	Beam	3.7500E-05
PH1	B29	Beam	3.7500E-05
PH1	B31	Beam	3.7500E-05
PH1	B32	Beam	3.7500E-05

WALL, SLAB, DECK & OPENING ASSIGNMENTS TO AREA OBJECTS

STORY LEVEL	AREA ID	AREA TYPE	SECTION TYPE	SECTION LABEL
PERF	F8	Floor	Deck	DECK
PERF	F17	Floor	Deck	DECK
PH2	F6	Floor	Deck	DECK
PH2	F7	Floor	Deck	DECK
PH2	F8	Floor	Deck	DECK
PH2	F12	Floor	Deck	DECK
PH2	F13	Floor	Deck	DECK
PH2	F15	Floor	Deck	DECK
PH2	F16	Floor	Deck	DECK
PH1	F1	Floor	Deck	DECK
PH1	F2	Floor	Deck	DECK
PH1	F3	Floor	Deck	DECK
PH1	F4	Floor	Deck	DECK
PH1	F5	Floor	Deck	DECK
PH1	F7	Floor	Deck	DECK
PH1	F10	Floor	Deck	DECK
PH1	F14	Floor	Deck	DECK
PH1	F16	Floor	Deck	DECK

AREA MASS ASSIGNMENTS
(AREA MASS IS A MASS PER UNIT AREA)

STORY	AREA	AREATYPE	MASS
PHRF	F8	Floor	1.0995E-06
PHRF	F17	Floor	1.0995E-06
PH2	F6	Floor	1.0995E-06
PH2	F7	Floor	1.0995E-06
PH2	F8	Floor	1.4468E-06
PH2	F12	Floor	1.4468E-06
PH2	F13	Floor	1.4468E-06
PH2	F15	Floor	1.0995E-06
PH2	F16	Floor	1.0995E-06
PH1	F1	Floor	1.0995E-06
PH1	F2	Floor	1.0995E-06
PH1	F3	Floor	1.4468E-06
PH1	F4	Floor	1.0995E-06
PH1	F5	Floor	1.0995E-06
PH1	F7	Floor	1.4468E-06
PH1	F10	Floor	1.4468E-06
PH1	F14	Floor	1.4468E-06
PH1	F16	Floor	1.4468E-06

UNIFORM LOAD ASSIGNMENTS TO AREA OBJECTS

CASE	STORY	AREA	AREATYPE	DIRECTION	LOAD
DEAD	PHRF	F8	Floor	Gravity	0.0004
DEAD	PHRF	F17	Floor	Gravity	0.0004
DEAD	PH2	F6	Floor	Gravity	0.0004
DEAD	PH2	F7	Floor	Gravity	0.0004
DEAD	PH2	F8	Floor	Gravity	0.0003
DEAD	PH2	F12	Floor	Gravity	0.0003
DEAD	PH2	F13	Floor	Gravity	0.0003
DEAD	PH2	F15	Floor	Gravity	0.0004
DEAD	PH2	F16	Floor	Gravity	0.0004
DEAD	PH1	F1	Floor	Gravity	0.0004
DEAD	PH1	F2	Floor	Gravity	0.0004
DEAD	PH1	F3	Floor	Gravity	0.0003
DEAD	PH1	F4	Floor	Gravity	0.0004
DEAD	PH1	F5	Floor	Gravity	0.0004
DEAD	PH1	F7	Floor	Gravity	0.0003
DEAD	PH1	F10	Floor	Gravity	0.0003
DEAD	PH1	F14	Floor	Gravity	0.0003
DEAD	PH1	F16	Floor	Gravity	0.0003
LIVE	PHRF	F8	Floor	Gravity	0.0001
LIVE	PHRF	F17	Floor	Gravity	0.0001
LIVE	PH2	F6	Floor	Gravity	0.0001
LIVE	PH2	F7	Floor	Gravity	0.0001
LIVE	PH2	F8	Floor	Gravity	0.0009
LIVE	PH2	F12	Floor	Gravity	0.0009
LIVE	PH2	F13	Floor	Gravity	0.0009
LIVE	PH2	F15	Floor	Gravity	0.0001
LIVE	PH2	F16	Floor	Gravity	0.0001
LIVE	PH1	F1	Floor	Gravity	0.0001
LIVE	PH1	F2	Floor	Gravity	0.0001
LIVE	PH1	F3	Floor	Gravity	0.0009
LIVE	PH1	F4	Floor	Gravity	0.0001
LIVE	PH1	F5	Floor	Gravity	0.0001
LIVE	PH1	F7	Floor	Gravity	0.0009
LIVE	PH1	F10	Floor	Gravity	0.0009
LIVE	PH1	F14	Floor	Gravity	0.0009
LIVE	PH1	F16	Floor	Gravity	0.0009

J.3: Story Force File

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
FPX	ADD	FPXPERF	Static	1.0000
		FPXPH2	Static	1.0000
		FPXPH1	Static	1.0000
FPY	ADD	FPYPERF	Static	1.0000
		FPYPH2	Static	1.0000
		FPYPH1	Static	1.0000

STORY FORCES

STORY	LOAD	LOCATION	P	VX	VY	T	MX	MY
PERF	FPXPERF	Top	-4.263E-14	-2.174E+01	-5.653E-13	3.368E+04	-6.730E-11	4.729E-11
		Bottom	-4.263E-14	-2.174E+01	-5.653E-13	3.368E+04	-9.095E-12	-2.174E+03
PERF	FPXPH2	Top	-1.662E-13	6.168E-12	-1.677E-12	-1.164E+02	-2.614E-10	1.960E-10
		Bottom	-1.662E-13	6.168E-12	-1.677E-12	-1.164E+02	-9.365E-11	8.133E-10
PERF	FPXPH1	Top	7.988E-14	3.713E-12	-2.009E-12	8.149E+01	1.247E-10	-9.027E-11
		Bottom	7.988E-14	3.713E-12	-2.009E-12	8.149E+01	3.250E-10	2.820E-10
PERF	FPYPERF	Top	3.819E-14	-1.018E-12	-2.174E+01	-2.334E+04	5.821E-11	-4.366E-11
		Bottom	3.819E-14	-1.018E-12	-2.174E+01	-2.334E+04	2.174E+03	-1.428E-10
PERF	FPYPH2	Top	5.329E-15	-1.990E-13	9.611E-12	1.769E+03	2.547E-11	-9.095E-12
		Bottom	5.329E-15	-1.990E-13	9.611E-12	1.769E+03	-9.250E-10	-3.092E-10
PERF	FPYPH1	Top	5.063E-14	-5.649E-13	5.178E-12	5.302E+02	7.549E-11	-5.775E-11
		Bottom	5.063E-14	-5.649E-13	5.178E-12	5.302E+02	-4.429E-10	-1.132E-10
PERF	FPX	Top	-1.289E-13	-2.174E+01	-4.252E-12	3.365E+04	-2.040E-10	1.531E-10
		Bottom	-1.289E-13	-2.174E+01	-4.252E-12	3.365E+04	2.225E-10	-2.174E+03
PERF	FPY	Top	9.415E-14	-3.573E-12	-2.174E+01	-3.104E+04	1.592E-10	-1.105E-10
		Bottom	9.415E-14	-3.573E-12	-2.174E+01	-3.104E+04	2.174E+03	-4.652E-10
PH2	FPXPERF	Top	-1.333E-14	-2.174E+01	-1.603E-12	3.160E+04	3.251E-11	-2.174E+03
		Bottom	-1.333E-14	-2.174E+01	-1.603E-12	3.160E+04	2.472E-10	-5.044E+03
PH2	FPXPH2	Top	6.883E-14	-9.755E+01	-5.832E-12	1.412E+05	2.269E-10	4.934E-10
		Bottom	6.883E-14	-9.755E+01	-5.832E-12	1.412E+05	9.913E-10	-1.288E+04
PH2	FPXPH1	Top	1.568E-13	1.611E-11	-4.673E-12	2.544E+03	4.211E-10	1.610E-10
		Bottom	1.568E-13	1.611E-11	-4.673E-12	2.544E+03	1.040E-09	3.288E-09
PH2	FPYPERF	Top	-2.842E-14	-2.379E-12	-2.174E+01	-2.825E+04	2.174E+03	-7.094E-11
		Bottom	-2.842E-14	-2.379E-12	-2.174E+01	-2.825E+04	5.044E+03	-3.783E-10
PH2	FPYPH2	Top	-2.220E-13	-7.702E-12	-9.755E+01	-1.317E+05	-1.295E-09	5.821E-11
		Bottom	-2.220E-13	-7.702E-12	-9.755E+01	-1.317E+05	1.288E+04	-9.459E-10
PH2	FPYPH1	Top	-2.109E-15	-2.575E-13	8.886E-13	3.908E+02	-5.154E-10	-7.304E-11
		Bottom	-2.109E-15	-2.575E-13	8.886E-13	3.908E+02	-1.693E-09	-4.150E-10
PH2	FPX	Top	2.133E-13	-1.191E+02	-1.211E-11	1.754E+05	6.805E-10	-2.174E+03
		Bottom	2.133E-13	-1.191E+02	-1.211E-11	1.754E+05	2.279E-09	-1.792E+04
PH2	FPY	Top	-2.508E-13	-1.266E-11	-1.193E+02	-1.596E+05	2.174E+03	-8.578E-11
		Bottom	-2.508E-13	-1.266E-11	-1.193E+02	-1.596E+05	1.792E+04	-1.739E-09
PH1	FPXPERF	Top	5.143E-14	-2.174E+01	1.742E-12	3.024E+04	3.251E-10	-5.044E+03
		Bottom	5.143E-14	-2.174E+01	1.742E-12	3.024E+04	6.911E-11	-8.175E+03
PH1	FPXPH2	Top	1.999E-13	-9.755E+01	2.089E-12	1.389E+05	1.146E-09	-1.288E+04
		Bottom	1.999E-13	-9.755E+01	2.089E-12	1.389E+05	8.741E-10	-2.693E+04
PH1	FPXPH1	Top	6.336E-14	-1.497E+02	-1.347E-13	2.132E+05	9.379E-10	2.406E-09
		Bottom	6.336E-14	-1.497E+02	-1.347E-13	2.132E+05	9.540E-10	-2.156E+04
PH1	FPYPERF	Top	-3.889E-14	2.606E-09	-2.174E+01	-2.879E+04	5.044E+03	-3.596E-10
		Bottom	-3.889E-14	2.606E-09	-2.174E+01	-2.879E+04	8.175E+03	3.749E-07
PH1	FPYPH2	Top	-1.355E-13	3.425E-09	-9.755E+01	-1.297E+05	1.288E+04	-9.773E-10
		Bottom	-1.355E-13	3.425E-09	-9.755E+01	-1.297E+05	2.693E+04	4.922E-07
PH1	FPYPH1	Top	-5.811E-14	3.362E-10	-1.497E+02	-2.022E+05	-1.767E-09	-2.986E-10
		Bottom	-5.811E-14	3.362E-10	-1.497E+02	-2.022E+05	2.156E+04	4.810E-08
PH1	FPX	Top	3.147E-13	-2.690E+02	3.697E-13	3.833E+05	2.411E-09	-1.792E+04
		Bottom	3.147E-13	-2.690E+02	3.697E-13	3.833E+05	1.893E-09	-5.666E+04
PH1	FPY	Top	-2.325E-13	6.367E-09	-2.690E+02	-3.607E+05	1.792E+04	-1.636E-09
		Bottom	-2.325E-13	6.367E-09	-2.690E+02	-3.607E+05	5.666E+04	9.152E-07

TRIBUTARY AREA AND REDUCED LIVE LOAD FACTORS

STORY LEVEL	OBJECT LABEL	OBJECT TYPE	TRIBUTARY AREA	REDUCED LL FACTOR
BASE	4	Point	0.00	1.0000
BASE	5	Point	0.00	1.0000
BASE	8	Point	0.00	1.0000
BASE	9	Point	0.00	1.0000
BASE	12	Point	0.00	1.0000
BASE	13	Point	0.00	1.0000
BASE	17	Point	0.00	1.0000
BASE	18	Point	0.00	1.0000
BASE	19	Point	0.00	1.0000
BASE	20	Point	0.00	1.0000
BASE	24	Point	0.00	1.0000
BASE	25	Point	0.00	1.0000
PERF	C5	Column	0.00	1.0000
PERF	C6	Column	0.00	1.0000
PERF	C9	Column	0.00	1.0000
PERF	C10	Column	0.00	1.0000
PH2	C3	Column	0.00	1.0000
PH2	C4	Column	0.00	1.0000
PH2	C5	Column	0.00	1.0000
PH2	C6	Column	0.00	1.0000
PH2	C7	Column	0.00	1.0000
PH2	C8	Column	0.00	1.0000
PH2	C9	Column	0.00	1.0000
PH2	C10	Column	0.00	1.0000
PH2	C11	Column	0.00	1.0000
PH2	C12	Column	0.00	1.0000
PH1	C1	Column	0.00	1.0000
PH1	C2	Column	0.00	1.0000
PH1	C3	Column	0.00	1.0000
PH1	C4	Column	0.00	1.0000
PH1	C5	Column	0.00	1.0000
PH1	C6	Column	0.00	1.0000
PH1	C7	Column	0.00	1.0000
PH1	C8	Column	0.00	1.0000
PH1	C9	Column	0.00	1.0000
PH1	C10	Column	0.00	1.0000
PH1	C11	Column	0.00	1.0000
PH1	C12	Column	0.00	1.0000
PERF	B19	Beam	0.00	1.0000
PERF	B21	Beam	0.00	1.0000
PERF	B23	Beam	0.00	1.0000
PERF	B33	Beam	0.00	1.0000
PERF	B34	Beam	0.00	1.0000
PH2	B5	Beam	0.00	1.0000
PH2	B11	Beam	0.00	1.0000
PH2	B13	Beam	0.00	1.0000
PH2	B14	Beam	0.00	1.0000
PH2	B15	Beam	0.00	1.0000
PH2	B17	Beam	0.00	1.0000
PH2	B18	Beam	0.00	1.0000
PH2	B19	Beam	0.00	1.0000
PH2	B21	Beam	0.00	1.0000
PH2	B25	Beam	0.00	1.0000
PH2	B27	Beam	0.00	1.0000
PH2	B28	Beam	0.00	1.0000
PH2	B29	Beam	0.00	1.0000
PH2	B31	Beam	0.00	1.0000
PH2	B32	Beam	0.00	1.0000
PH1	B1	Beam	0.00	1.0000
PH1	B2	Beam	0.00	1.0000
PH1	B3	Beam	0.00	1.0000
PH1	B4	Beam	0.00	1.0000
PH1	B6	Beam	0.00	1.0000
PH1	B7	Beam	0.00	1.0000
PH1	B8	Beam	0.00	1.0000
PH1	B9	Beam	0.00	1.0000
PH1	B10	Beam	0.00	1.0000
PH1	B12	Beam	0.00	1.0000
PH1	B14	Beam	0.00	1.0000
PH1	B15	Beam	0.00	1.0000
PH1	B17	Beam	0.00	1.0000
PH1	B18	Beam	0.00	1.0000
PH1	B19	Beam	0.00	1.0000
PH1	B21	Beam	0.00	1.0000
PH1	B23	Beam	0.00	1.0000
PH1	B26	Beam	0.00	1.0000
PH1	B28	Beam	0.00	1.0000
PH1	B29	Beam	0.00	1.0000

TRIBUTARY AREA AND REDUCED LIVE LOAD FACTORS

STORY LEVEL	OBJECT LABEL	OBJECT TYPE	TRIBUTARY AREA	REDUCED LL FACTOR
PH1	B31	Beam	0.00	1.0000
PH1	B32	Beam	0.00	1.0000

J.4: Element Force File

LOADING COMBINATIONS

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
FPX	ADD	FPXPHRF	Static	1.0000
		FPXPH2	Static	1.0000
		FPXPH1	Static	1.0000
FPY	ADD	FPYPHRF	Static	1.0000
		FPYPH2	Static	1.0000
		FPYPH1	Static	1.0000

COLUMN FORCES

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
PHRF	C5	DEAD							
			0.0000	-0.79	-0.12	-0.02	0.000	-0.624	-6.829
			42.1500	-0.67	-0.12	-0.02	0.000	0.349	-1.584
			84.3000	-0.56	-0.12	-0.02	0.000	1.322	3.640
PHRF	C5	LIVE							
			0.0000	-0.13	-0.09	0.03	0.000	3.232	-7.288
			42.1500	-0.13	-0.09	0.03	0.000	2.033	-3.526
			84.3000	-0.13	-0.09	0.03	0.000	0.834	0.236
PHRF	C5	FPX							
			0.0000	-0.08	0.06	0.04	0.000	3.583	6.241
			42.1500	-0.08	0.06	0.04	0.000	2.080	3.619
			84.3000	-0.08	0.06	0.04	0.000	0.578	0.998
PHRF	C5	FPY							
			0.0000	17.44	-0.53	0.04	0.000	3.692	-52.563
			42.1500	17.44	-0.53	0.04	0.000	1.992	-30.408
			84.3000	17.44	-0.53	0.04	0.000	0.292	-8.252
PHRF	C9	DEAD							
			0.0000	-0.09	-0.05	0.07	0.000	3.536	-2.214
			42.1500	0.02	-0.05	0.07	0.000	-0.473	-0.018
			84.3000	0.14	-0.05	0.07	0.000	-3.481	2.178
PHRF	C9	LIVE							
			0.0000	-0.02	-0.12	0.06	0.000	4.488	-10.402
			42.1500	-0.02	-0.12	0.06	0.000	2.027	-5.567
			84.3000	-0.02	-0.12	0.06	0.000	-0.434	-0.692
PHRF	C9	FPX							
			0.0000	8.40	-0.38	0.02	0.000	1.955	-38.347
			42.1500	8.40	-0.38	0.02	0.000	1.131	-22.339
			84.3000	8.40	-0.38	0.02	0.000	0.307	-6.131
PHRF	C9	FPY							
			0.0000	14.33	-0.06	-0.09	0.000	-9.209	-5.887
			42.1500	14.33	-0.06	-0.09	0.000	-5.327	-3.551
			84.3000	14.33	-0.06	-0.09	0.000	-1.446	-1.215
PHRF	C10	DEAD							
			0.0000	-7.47	0.27	0.37	0.000	7.339	7.788
			42.1500	-7.35	0.27	0.37	0.000	-8.291	-3.483
			84.3000	-7.23	0.27	0.37	0.000	-23.920	-14.754
PHRF	C10	LIVE							
			0.0000	-2.14	0.21	0.09	0.000	1.142	14.806
			42.1500	-2.14	0.21	0.09	0.000	-2.761	5.997
			84.3000	-2.14	0.21	0.09	0.000	-6.665	-3.812
PHRF	C10	FPX							
			0.0000	-0.03	0.01	0.00	0.000	3.605	0.774
			42.1500	-0.03	0.01	0.00	0.000	3.533	0.448
			84.3000	-0.03	0.01	0.00	0.000	3.462	0.122
PHRF	C10	FPY							
			0.0000	-0.07	-0.38	-0.09	0.000	-0.214	-37.699
			42.1500	-0.07	-0.38	-0.09	0.000	3.667	-21.809
			84.3000	-0.07	-0.38	-0.09	0.000	7.549	-5.919
PH2	C3	DEAD							
			0.0000	-11.96	-0.42	-0.45	0.000	-6.563	-19.073
			58.1500	-11.88	-0.42	-0.45	0.000	19.883	5.273
			116.3000	-11.64	-0.42	-0.45	0.000	45.729	29.618
PH2	C3	LIVE							
			0.0000	-2.15	-0.32	0.21	0.000	30.203	-30.868
			58.1500	-2.15	-0.32	0.21	0.000	17.828	-12.157
			116.3000	-2.15	-0.32	0.21	0.000	5.436	6.555
PH2	C3	FPX							
			0.0000	40.00	-0.10	-0.10	0.000	-0.646	-13.640
			58.1500	40.00	-0.10	-0.10	0.000	5.100	-7.631
			116.3000	40.00	-0.10	-0.10	0.000	10.845	-1.621
PH2	C3	FPY							
			0.0000	5.29	0.03	-0.06	0.000	-3.578	4.505
			58.1500	5.29	0.03	-0.06	0.000	-0.295	2.520
			116.3000	5.29	0.03	-0.06	0.000	2.988	0.535

COLUMN FORCES

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
PH2	C4	DEAD							
			0.0000	-0.87	-0.33	0.07	0.000	1.003	-12.667
			58.1500	-0.71	-0.33	0.07	0.000	-3.207	0.908
			116.3000	-0.55	-0.33	0.07	0.000	-7.416	14.483
PH2	C4	LIVE							
			0.0000	-0.10	-0.21	0.00	0.000	-3.403	-22.261
			58.1500	-0.10	-0.21	0.00	0.000	-3.212	-10.002
			116.3000	-0.10	-0.21	0.00	0.000	-3.021	2.276
PH2	C4	FPX							
			0.0000	-0.10	-0.07	0.00	0.000	0.015	-9.330
			58.1500	-0.10	-0.07	0.00	0.000	0.178	-5.220
			116.3000	-0.10	-0.07	0.00	0.000	0.341	-1.111
PH2	C4	FPY							
			0.0000	-0.03	0.03	-0.02	0.000	-2.309	4.065
			58.1500	-0.03	0.03	-0.02	0.000	-1.239	2.275
			116.3000	-0.03	0.03	-0.02	0.000	-0.169	0.484
PH2	C5	DEAD							
			0.0000	-5.02	0.08	0.07	0.000	4.162	7.740
			58.1500	-4.86	0.08	0.07	0.000	0.372	3.313
			116.3000	-4.70	0.08	0.07	0.000	-3.417	-1.114
PH2	C5	LIVE							
			0.0000	-4.47	0.00	0.06	0.000	2.256	2.747
			58.1500	-4.47	0.00	0.06	0.000	-1.055	2.733
			116.3000	-4.47	0.00	0.06	0.000	-4.367	2.719
PH2	C5	FPX							
			0.0000	43.44	-0.20	-0.02	0.000	1.336	-20.043
			58.1500	43.44	-0.20	-0.02	0.000	2.326	-8.464
			116.3000	43.44	-0.20	-0.02	0.000	3.316	3.115
PH2	C5	FPY							
			0.0000	-13.39	0.59	-0.08	0.000	-6.654	25.915
			58.1500	-13.39	0.59	-0.08	0.000	-2.096	-8.657
			116.3000	-13.39	0.59	-0.08	0.000	2.462	-43.229
PH2	C6	DEAD							
			0.0000	-14.54	0.13	0.11	0.000	10.829	14.130
			58.1500	-14.38	0.13	0.11	0.000	4.343	6.624
			116.3000	-14.22	0.13	0.11	0.000	-2.142	-0.883
PH2	C6	LIVE							
			0.0000	-12.67	-0.10	0.21	0.000	18.314	-1.148
			58.1500	-12.67	-0.10	0.21	0.000	6.140	4.534
			116.3000	-12.67	-0.10	0.21	0.000	-6.034	10.216
PH2	C6	FPX							
			0.0000	-8.46	-0.14	-0.05	0.000	-0.660	-17.457
			58.1500	-8.46	-0.14	-0.05	0.000	2.346	-9.048
			116.3000	-8.46	-0.14	-0.05	0.000	5.151	-0.639
PH2	C6	FPY							
			0.0000	14.22	0.37	-0.09	0.000	-6.349	9.816
			58.1500	14.22	0.37	-0.09	0.000	-1.252	-11.978
			116.3000	14.22	0.37	-0.09	0.000	3.845	-33.773
PH2	C8	DEAD							
			0.0000	-6.21	0.14	-0.61	0.000	-31.481	7.329
			58.1500	-6.05	0.14	-0.61	0.000	3.865	-0.614
			116.3000	-5.89	0.14	-0.61	0.000	39.211	-8.557
PH2	C8	LIVE							
			0.0000	-1.82	0.12	-0.55	0.000	-56.191	12.191
			58.1500	-1.82	0.12	-0.55	0.000	-24.326	5.344
			116.3000	-1.82	0.12	-0.55	0.000	7.539	-1.502
PH2	C8	FPX							
			0.0000	0.00	-0.08	0.02	0.000	3.294	-10.285
			58.1500	0.00	-0.08	0.02	0.000	1.284	-5.754
			116.3000	0.00	-0.08	0.02	0.000	0.273	-1.223
PH2	C8	FPY							
			0.0000	0.00	0.09	-0.03	0.000	-3.547	11.444
			58.1500	0.00	0.09	-0.03	0.000	-1.985	6.403
			116.3000	0.00	0.09	-0.03	0.000	-0.422	1.361

COLUMN FORCES

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
PH2	C9	DEAD							
			0.0000	-2.75	-0.05	0.02	0.000	0.966	-0.180
			58.1500	-2.59	-0.05	0.02	0.000	0.012	2.696
			116.3000	-2.43	-0.05	0.02	0.000	-0.941	5.572
PH2	C9	LIVE							
			0.0000	-3.62	-0.07	0.04	0.000	1.252	0.293
			58.1500	-3.62	-0.07	0.04	0.000	-0.975	4.628
			116.3000	-3.62	-0.07	0.04	0.000	-3.201	8.962
PH2	C9	FPX							
			0.0000	1.91	0.44	-0.05	0.000	-4.716	20.169
			58.1500	1.91	0.44	-0.05	0.000	-1.778	-5.609
			116.3000	1.91	0.44	-0.05	0.000	1.161	-31.387
PH2	C9	FPY							
			0.0000	-64.53	0.15	0.10	0.000	4.206	14.183
			58.1500	-64.53	0.15	0.10	0.000	-1.704	5.341
			116.3000	-64.53	0.15	0.10	0.000	-7.613	-3.500
PH2	C10	DEAD							
			0.0000	-11.28	0.07	0.06	0.000	7.432	5.285
			58.1500	-11.12	0.07	0.06	0.000	4.213	1.062
			116.3000	-10.96	0.07	0.06	0.000	0.993	-3.161
PH2	C10	LIVE							
			0.0000	-10.23	0.19	0.22	0.000	19.762	9.923
			58.1500	-10.23	0.19	0.22	0.000	7.256	-1.023
			116.3000	-10.23	0.19	0.22	0.000	-5.250	-11.969
PH2	C10	FPX							
			0.0000	-52.24	-0.13	-0.03	0.000	0.259	-16.106
			58.1500	-52.24	-0.13	-0.03	0.000	1.733	-8.669
			116.3000	-52.24	-0.13	-0.03	0.000	3.207	-1.233
PH2	C10	FPY							
			0.0000	-25.14	0.33	-0.02	0.000	-3.264	6.284
			58.1500	-25.14	0.33	-0.02	0.000	-1.920	-13.093
			116.3000	-25.14	0.33	-0.02	0.000	-0.577	-32.467
PH2	C12	DEAD							
			0.0000	-1.95	0.11	0.12	0.000	6.353	4.551
			58.1500	-1.79	0.11	0.12	0.000	-0.628	-3.091
			116.3000	-1.63	0.11	0.12	0.000	-7.593	-8.740
PH2	C12	LIVE							
			0.0000	-0.69	0.11	0.10	0.000	19.516	10.694
			58.1500	-0.69	0.11	0.10	0.000	4.573	4.535
			116.3000	-0.69	0.11	0.10	0.000	-1.370	-1.623
PH2	C12	FPX							
			0.0000	5.59	-0.08	-0.02	0.000	-2.247	-11.206
			58.1500	5.59	-0.08	-0.02	0.000	-1.257	-6.269
			116.3000	5.59	-0.08	-0.02	0.000	-0.267	-1.333
PH2	C12	FPY							
			0.0000	-56.31	0.12	0.01	0.000	8.664	16.404
			58.1500	-56.31	0.12	0.01	0.000	0.372	9.177
			116.3000	-56.31	0.12	0.01	0.000	0.079	1.951
PH1	C3	DEAD							
			0.0000	-22.95	-0.03	0.11	0.000	0.000	0.000
			64.1500	-22.77	-0.03	0.11	0.000	-7.122	1.911
			128.3000	-22.59	-0.03	0.11	0.000	-14.244	3.822
PH1	C3	LIVE							
			0.0000	-19.71	-0.18	0.19	0.000	0.000	0.000
			64.1500	-19.71	-0.18	0.19	0.000	-12.297	11.320
			128.3000	-19.71	-0.18	0.19	0.000	-24.594	22.639
PH1	C3	FPX							
			0.0000	40.00	0.09	0.00	0.000	0.000	0.000
			64.1500	40.00	0.09	0.00	0.000	-0.288	-6.076
			128.3000	40.00	0.09	0.00	0.000	-0.575	-12.149
PH1	C3	FPY							
			0.0000	5.29	-0.03	0.03	0.000	0.000	0.000
			64.1500	5.29	-0.03	0.03	0.000	-1.594	1.988
			128.3000	5.29	-0.03	0.02	0.000	-3.188	3.975

COLUMN FORCES

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
PH1	C4	DEAD	0.0000	-10.02	-0.03	-0.03	0.000	0.000	0.000
			64.1500	-9.84	-0.03	-0.03	0.000	2.336	2.025
			128.3000	-9.66	-0.03	-0.03	0.000	4.671	4.050
PH1	C4	LIVE	0.0000	-10.98	-0.13	-0.04	0.000	0.000	0.000
			64.1500	-10.98	-0.13	-0.04	0.000	2.499	8.450
			128.3000	-10.98	-0.13	-0.04	0.000	4.997	16.899
PH1	C4	FPX	0.0000	-140.00	0.06	0.00	0.000	0.000	0.000
			64.1500	-140.00	0.06	0.00	0.000	0.007	-4.156
			128.3000	-140.00	0.06	0.00	0.000	0.013	-8.313
PH1	C4	FPY	0.0000	2.03	-0.03	0.02	0.000	0.000	0.000
			64.1500	2.03	-0.03	0.02	0.000	-1.029	1.811
			128.3000	2.03	-0.03	0.02	0.000	-2.057	3.622
PH1	C5	DEAD	0.0000	-9.89	0.02	0.00	0.000	0.000	0.000
			64.1500	-9.71	0.02	0.00	0.000	-0.320	-1.217
			128.3000	-9.54	0.02	0.00	0.000	-0.640	-2.434
PH1	C5	LIVE	0.0000	-6.87	0.00	-0.01	0.000	0.000	0.000
			64.1500	-6.87	0.00	-0.01	0.000	0.363	-0.283
			128.3000	-6.87	0.00	-0.01	0.000	0.726	-0.565
PH1	C5	FPX	0.0000	42.45	0.14	-0.01	0.000	0.000	0.000
			64.1500	42.45	0.14	-0.01	0.000	0.595	-8.997
			128.3000	42.45	0.14	-0.01	0.000	1.191	-17.994
PH1	C5	FPY	0.0000	192.80	-0.16	0.05	0.000	0.000	0.000
			64.1500	192.80	-0.16	0.05	0.000	-2.964	10.509
			128.3000	192.80	-0.16	0.05	0.000	-5.929	21.019
PH1	C8	DEAD	0.0000	-11.61	0.01	-0.05	0.000	0.000	0.000
			64.1500	-11.43	0.01	-0.05	0.000	3.482	-0.627
			128.3000	-11.45	0.01	-0.05	0.000	6.963	-1.254
PH1	C8	LIVE	0.0000	-11.76	0.06	-0.31	0.000	0.000	0.000
			64.1500	-11.76	0.06	-0.31	0.000	19.912	-3.899
			128.3000	-11.76	0.06	-0.31	0.000	39.824	-7.797
PH1	C8	FPX	0.0000	1.05	0.07	-0.02	0.000	0.000	0.000
			64.1500	1.05	0.07	-0.02	0.000	1.022	-4.582
			128.3000	1.05	0.07	-0.02	0.000	2.044	-9.163
PH1	C8	FPY	0.0000	203.27	-0.08	0.02	0.000	0.000	0.000
			64.1500	203.27	-0.08	0.02	0.000	-1.580	5.098
			128.3000	203.27	-0.08	0.02	0.000	-3.161	10.197
PH1	C9	DEAD	0.0000	-3.93	0.00	0.00	0.000	0.000	0.000
			64.1500	-3.75	0.00	0.00	0.000	0.185	0.322
			128.3000	-3.58	0.00	0.00	0.000	0.370	0.644
PH1	C9	LIVE	0.0000	-3.05	0.00	-0.01	0.000	0.000	0.000
			64.1500	-3.05	0.00	-0.01	0.000	0.558	0.131
			128.3000	-3.05	0.00	-0.01	0.000	1.116	0.261
PH1	C9	FPX	0.0000	136.15	-0.14	0.03	0.000	0.000	0.000
			64.1500	136.15	-0.14	0.03	0.000	-2.101	8.985
			128.3000	136.15	-0.14	0.03	0.000	-4.202	17.970
PH1	C9	FPY	0.0000	-44.36	-0.10	-0.03	0.000	0.000	0.000
			64.1500	-44.36	-0.10	-0.03	0.000	1.874	6.318
			128.3000	-44.36	-0.10	-0.03	0.000	3.747	12.636

COLUMN FORCES

STORY	COLUMN	LOAD	LOC	P	V2	V3	T	M2	M3
PH1	C10	DEAD	0.0000	-15.22	-0.01	0.05	0.000	0.000	0.000
			64.1500	-15.04	-0.01	0.05	0.000	-2.937	0.508
			128.3000	-14.87	-0.01	0.05	0.000	-5.874	1.017
PH1	C10	LIVE	0.0000	-17.80	-0.01	0.10	0.000	0.000	0.000
			64.1500	-17.80	-0.01	0.10	0.000	-6.436	0.395
			128.3000	-17.80	-0.01	0.10	0.000	-12.872	0.790
PH1	C10	FPX	0.0000	-52.24	0.11	0.00	0.000	0.000	0.000
			64.1500	-52.24	0.11	0.00	0.000	0.116	-7.175
			128.3000	-52.24	0.11	0.00	0.000	0.231	-14.350
PH1	C10	FPY	0.0000	-25.14	-0.04	0.02	0.000	0.000	0.000
			64.1500	-25.14	-0.04	0.02	0.000	-1.454	2.799
			128.3000	-25.14	-0.04	0.02	0.000	-2.908	5.598
PH1	C12	DEAD	0.0000	-4.07	0.03	0.01	0.000	0.000	0.000
			64.1500	-3.89	0.03	0.01	0.000	-0.596	-1.784
			128.3000	-3.71	0.03	0.01	0.000	-1.192	-3.569
PH1	C12	LIVE	0.0000	-4.47	0.07	0.06	0.000	0.000	0.000
			64.1500	-4.47	0.07	0.06	0.000	-3.598	-4.384
			128.3000	-4.47	0.07	0.06	0.000	-7.197	-8.768
PH1	C12	FPX	0.0000	5.59	0.08	0.02	0.000	0.000	0.000
			64.1500	5.59	0.08	0.02	0.000	-1.901	-4.992
			128.3000	5.59	0.08	0.02	0.000	-2.002	-9.984
PH1	C12	FPY	0.0000	-56.31	-0.11	0.00	0.000	0.000	0.000
			64.1500	-56.31	-0.11	0.00	0.000	0.396	7.308
			128.3000	-56.31	-0.11	0.00	0.000	0.592	14.615

BEAM FORCES

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PERF	B19	DEAD	4.8650	-0.03	-1.00	0.00	0.000	0.000	-0.026
			24.4325	-0.03	-0.96	0.00	0.000	0.025	19.169
			44.0000	-0.03	-0.92	0.00	0.000	0.051	37.530
			44.0000	-0.08	-0.01	0.00	-2.473	-0.093	42.733
			66.0000	-0.08	0.44	0.00	-2.473	0.000	37.934
			88.0000	-0.08	0.90	0.00	-2.473	0.093	23.207
			88.0000	-0.09	1.00	0.00	-4.945	-0.127	39.985
			108.0100	-0.09	1.04	0.00	-4.945	-0.063	19.556
			128.0200	-0.09	1.09	0.00	-4.945	0.000	-1.744
PERF	B19	LIVE	4.8650	-0.02	-0.30	0.00	0.000	0.000	0.000
			24.4325	-0.02	-0.30	0.00	0.000	0.002	5.960
			44.0000	-0.02	-0.30	0.00	0.000	0.005	11.919
			44.0000	-0.02	0.00	0.00	-0.824	-0.005	12.934
			66.0000	-0.02	0.13	0.00	-0.824	0.000	11.503
			88.0000	-0.02	0.27	0.00	-0.824	0.005	7.114
			88.0000	-0.03	0.30	0.00	-1.648	-0.010	12.015
			108.0100	-0.03	0.30	0.00	-1.648	-0.005	6.007
			128.0200	-0.03	0.30	0.00	-1.648	0.000	0.000
PERF	B19	FPX	4.8650	-0.16	0.00	-0.01	0.000	0.000	0.000
			24.4325	-0.16	0.00	-0.01	0.000	0.099	0.000
			44.0000	-0.16	0.00	-0.01	0.000	0.199	0.000
			44.0000	-0.64	0.00	-0.01	0.000	-0.245	0.000
			66.0000	-0.64	0.00	-0.01	0.000	0.000	0.000
			88.0000	-0.64	0.00	-0.01	0.000	0.245	0.000
			88.0000	-0.62	0.00	-0.02	0.000	-0.838	0.000
			108.0100	-0.62	0.00	-0.02	0.000	-0.419	0.000
			128.0200	-0.62	0.00	-0.02	0.000	0.000	0.000
PERF	B19	FPY	4.8650	10.16	0.00	-0.08	0.000	0.000	0.000
			24.4325	10.16	0.00	-0.08	0.000	1.652	0.000
			44.0000	10.16	0.00	-0.08	0.000	3.303	0.000
			44.0000	4.32	0.00	-0.21	0.000	-4.584	0.000
			66.0000	4.32	0.00	-0.21	0.000	0.000	0.000
			88.0000	4.32	0.00	-0.21	0.000	4.584	0.000
			88.0000	1.41	0.00	-0.10	0.000	-4.060	0.000
			108.0100	1.41	0.00	-0.10	0.000	-2.030	0.000
			128.0200	1.41	0.00	-0.10	0.000	0.000	0.000
PERF	B33	DEAD	3.9800	0.03	0.73	0.00	0.000	0.000	-0.090
			23.9900	0.03	0.96	0.00	0.000	0.025	-17.049
			44.0000	0.03	1.19	0.00	0.000	0.050	-38.551
			44.0000	0.07	1.51	0.00	2.473	-0.079	-25.828
			66.0000	0.07	1.96	0.00	2.473	0.000	-63.990
			88.0000	0.07	2.41	0.00	2.473	0.079	-102.078
			88.0000	0.12	2.31	0.00	4.945	-0.098	-93.788
			110.0000	0.12	2.56	0.00	4.945	0.000	-147.360
			132.0000	0.12	2.61	0.00	4.945	0.098	-206.424
			132.0000	-0.18	-2.64	0.00	-4.017	-0.032	-226.529
			152.0000	-0.18	-2.41	0.00	-4.017	0.000	-176.085
			172.0000	-0.18	-2.18	0.00	-4.017	0.032	-130.180
			172.0000	-0.08	-1.92	0.00	-2.180	-0.046	-119.812
			192.0000	-0.08	-1.51	0.00	-2.180	0.000	-85.426
			212.0000	-0.08	-1.10	0.00	-2.180	0.046	-59.244
			212.0000	-0.02	-1.21	0.00	-0.342	-0.044	-44.127
			232.0000	-0.02	-0.99	0.00	-0.342	0.000	-22.131
			252.0000	-0.02	-0.76	0.00	-0.342	0.044	-4.672
PERF	B33	LIVE	3.9800	-0.01	0.20	0.00	0.000	0.000	-0.024
			23.9900	-0.01	0.27	0.00	0.000	0.001	-4.722
			44.0000	-0.01	0.33	0.00	0.000	0.002	-10.662
			44.0000	-0.01	0.43	0.00	0.824	-0.007	-7.136
			66.0000	-0.01	0.57	0.00	0.824	0.000	-18.135
			88.0000	-0.01	0.70	0.00	0.824	0.007	-32.092
			88.0000	-0.03	0.67	0.00	1.648	-0.022	-26.698
			110.0000	-0.03	0.74	0.00	1.648	0.000	-42.133
			132.0000	-0.03	0.80	0.00	1.648	0.022	-59.063
			132.0000	0.00	-0.76	0.00	-1.339	0.022	-64.629
			152.0000	0.00	-0.70	0.00	-1.339	0.000	-50.080
			172.0000	0.00	-0.64	0.00	-1.339	-0.022	-36.753
			172.0000	0.00	-0.55	0.00	-0.727	0.004	-33.678
			192.0000	0.00	-0.43	0.00	-0.727	0.000	-24.100

BEAM FORCES

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PERF	B33	LIVE (Continued)	212.0000	0.00	-0.31	0.00	-0.727	-0.004	-16.766
			212.0000	0.00	-0.34	0.00	-0.114	0.003	-12.308
			232.0000	0.00	-0.28	0.00	-0.114	0.000	-6.000
			252.0000	0.00	-0.22	0.00	-0.114	-0.002	-1.073
PERF	B33	FPX	3.9800	-1.43	0.00	0.00	0.000	0.000	0.000
			23.9900	-1.43	0.00	0.00	0.000	0.081	-0.090
			44.0000	-1.43	0.00	0.00	0.000	0.162	-0.181
			44.0000	-1.95	0.00	-0.01	0.000	-0.146	-0.181
			66.0000	-1.95	0.00	-0.01	0.000	0.000	-0.280
			88.0000	-1.95	0.00	-0.01	0.000	0.146	-0.379
			88.0000	-3.13	0.00	0.00	0.000	0.103	-0.379
			110.0000	-3.13	0.00	0.00	0.000	0.000	-0.479
			132.0000	-3.13	0.00	0.00	0.000	-0.103	-0.579
			132.0000	2.60	0.00	0.01	0.000	0.245	-0.001
			152.0000	2.60	0.00	0.01	0.000	0.000	-0.001
			172.0000	2.60	0.00	0.01	0.000	-0.245	-0.001
			172.0000	1.59	0.00	0.01	0.000	0.174	-0.001
			192.0000	1.59	0.00	0.01	0.000	0.000	-0.001
			212.0000	1.59	0.00	0.01	0.000	-0.174	-0.001
			212.0000	1.18	0.00	0.01	0.000	0.130	-0.001
			232.0000	1.18	0.00	0.01	0.000	0.000	-0.001
			252.0000	1.18	0.00	0.01	0.000	-0.130	-0.001
PERF	B33	FPY	3.9800	-0.78	-0.09	-0.11	0.000	0.000	0.000
			23.9900	-0.78	-0.09	-0.11	0.000	2.243	1.716
			44.0000	-0.78	-0.09	-0.11	0.000	4.487	3.432
			44.0000	0.17	-0.09	-0.22	0.000	-4.921	3.432
			66.0000	0.17	-0.09	-0.22	0.000	0.000	5.319
			88.0000	0.17	-0.09	-0.22	0.000	4.921	7.205
			88.0000	2.76	-0.09	-0.21	0.000	-4.643	7.205
			110.0000	2.76	-0.09	-0.21	0.000	0.000	9.092
			132.0000	2.76	-0.09	-0.21	0.000	4.643	10.979
			132.0000	-6.38	0.00	-0.22	0.000	-4.345	0.014
			152.0000	-6.38	0.00	-0.22	0.000	0.000	0.014
			172.0000	-6.38	0.00	-0.22	0.000	4.345	0.014
			172.0000	-3.42	0.00	-0.19	0.000	-3.769	0.014
			192.0000	-3.42	0.00	-0.19	0.000	0.000	0.014
			212.0000	-3.42	0.00	-0.19	0.000	3.769	0.014
			212.0000	-1.09	0.00	-0.18	0.000	-3.531	0.014
			232.0000	-1.09	0.00	-0.18	0.000	0.000	0.014
			252.0000	-1.09	0.00	-0.18	0.000	3.531	0.014
PERF	B34	DEAD	4.8650	0.53	0.76	0.00	0.000	0.000	-0.134
			24.4325	0.53	0.98	0.00	0.000	0.039	-17.205
			44.0000	0.53	1.21	0.00	0.000	0.077	-38.619
			44.0000	0.37	1.52	0.00	-2.473	-0.073	-25.805
			66.0000	0.37	1.97	0.00	-2.473	0.000	-64.206
			88.0000	0.37	2.42	0.00	-2.473	0.073	-112.534
			88.0000	0.30	2.32	0.00	-4.945	-0.043	-94.244
			110.0000	0.30	2.57	0.00	-4.945	0.000	-148.056
			132.0000	0.30	2.62	0.00	-4.945	0.043	-207.359
			132.0000	0.05	-2.64	0.00	4.017	-0.088	-226.529
			152.0000	0.05	-2.41	0.00	4.017	0.000	-176.085
			172.0000	0.05	-2.18	0.00	4.017	0.088	-130.180
			172.0000	0.05	-1.92	0.00	2.180	-0.058	-119.812
			192.0000	0.05	-1.51	0.00	2.180	0.000	-85.426
			212.0000	0.05	-1.10	0.00	2.180	0.058	-59.244
			212.0000	0.02	-1.21	0.00	0.342	-0.051	-44.127
			232.0000	0.02	-0.99	0.00	0.342	0.000	-22.131
			252.0000	0.02	-0.76	0.00	0.342	0.051	-4.672
PERF	B34	LIVE	4.8650	0.05	0.21	0.00	0.000	0.000	-0.036
			24.4325	0.05	0.27	0.00	0.000	0.005	-4.780
			44.0000	0.05	0.33	0.00	0.000	0.010	-10.694
			44.0000	0.05	0.44	0.00	-0.824	-0.006	-7.142
			66.0000	0.05	0.57	0.00	-0.824	0.000	-18.217
			88.0000	0.05	0.71	0.00	-0.824	0.006	-32.249
			88.0000	0.04	0.67	0.00	-1.648	0.014	-26.855
			110.0000	0.04	0.74	0.00	-1.648	0.000	-42.364
			132.0000	0.04	0.81	0.00	-1.648	-0.014	-59.351
			132.0000	-0.01	-0.76	0.00	1.339	-0.018	-64.629
			152.0000	-0.01	-0.70	0.00	1.339	0.000	-50.080
			172.0000	-0.01	-0.64	0.00	1.339	0.018	-36.753

B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PERF	B34	LIVE (Continued)							
			172.0000	0.00	-0.55	0.00	0.727	-0.002	-33.878
			193.0000	0.00	-0.43	0.00	0.727	0.000	-24.100
			212.0000	0.00	-0.31	0.00	0.727	0.002	-16.766
			213.0000	0.00	-0.34	0.00	0.114	0.000	-12.308
			233.0000	0.00	-0.28	0.00	0.114	0.000	-6.080
			252.0000	0.00	-0.22	0.00	0.114	0.000	-1.073
PERF	B34	FPX							
			4.8650	4.82	0.03	-0.01	0.000	0.000	0.000
			24.4325	4.82	0.03	-0.01	0.000	0.163	-0.529
			44.0000	4.82	0.03	-0.01	0.000	0.325	-1.057
			44.0000	3.15	0.03	0.00	0.000	-0.076	-1.057
			66.0000	3.15	0.03	0.00	0.000	0.000	-1.651
			88.0000	3.15	0.03	0.00	0.000	0.076	-2.246
			88.0000	2.25	0.03	0.00	0.000	0.063	-2.246
			110.0000	2.25	0.03	0.00	0.000	-0.063	-2.840
			132.0000	2.25	0.03	0.00	0.000	-0.063	-3.434
			132.0000	1.46	0.00	0.01	0.000	0.181	0.001
			152.0000	1.46	0.00	0.01	0.000	0.000	0.001
			172.0000	1.46	0.00	0.01	0.000	-0.181	0.001
			172.0000	1.12	0.00	0.01	0.000	0.173	0.001
			192.0000	1.12	0.00	0.01	0.000	0.000	0.001
			212.0000	1.12	0.00	0.01	0.000	-0.173	0.001
			212.0000	1.03	0.00	0.01	0.000	0.218	0.001
			233.0000	1.03	0.00	0.01	0.000	0.000	0.001
			252.0000	1.03	0.00	0.01	0.000	-0.218	0.001
PERF	B34	FPY							
			4.8650	9.81	0.07	-0.08	0.000	0.000	0.000
			24.4325	9.81	0.07	-0.08	0.000	1.597	-1.397
			44.0000	9.81	0.07	-0.08	0.000	3.193	-2.773
			44.0000	6.30	0.07	-0.21	0.000	-4.660	-2.773
			66.0000	6.30	0.07	-0.21	0.000	0.000	-4.332
			88.0000	6.30	0.07	-0.21	0.000	4.660	-5.891
			88.0000	4.92	0.07	-0.21	0.000	-4.565	-5.891
			110.0000	4.92	0.07	-0.21	0.000	0.000	-7.450
			132.0000	4.92	0.07	-0.21	0.000	4.565	-9.009
			132.0000	3.95	0.00	-0.21	0.000	-4.249	-9.014
			152.0000	3.95	0.00	-0.21	0.000	0.000	-9.014
			172.0000	3.95	0.00	-0.21	0.000	4.249	-9.014
			172.0000	2.59	0.00	-0.19	0.000	-3.879	-9.014
			192.0000	2.59	0.00	-0.19	0.000	0.000	-9.014
			212.0000	2.59	0.00	-0.19	0.000	3.879	-9.014
			212.0000	0.93	0.00	-0.18	0.000	-3.602	-9.014
			232.0000	0.93	0.00	-0.18	0.000	0.000	-9.014
			252.0000	0.93	0.00	-0.18	0.000	3.602	-9.014
PH2	B5	DEAD							
			0.0000	-0.13	2.91	0.00	0.000	0.000	0.000
			21.0000	-0.13	2.96	0.00	0.000	-0.068	-61.635
			42.0000	-0.13	3.08	0.00	0.000	-0.137	-126.230
			42.0000	-0.42	3.89	0.01	2.426	0.262	-119.826
			63.0000	-0.42	4.22	0.01	2.426	0.000	-205.977
			84.0000	-0.42	4.75	0.01	2.426	-0.262	-301.173
			84.0000	-0.92	4.83	0.01	4.950	0.272	-288.866
			105.0000	-0.92	4.88	0.01	4.950	0.000	-387.789
			126.0000	-0.92	4.92	0.01	4.950	-0.272	-490.672
			126.0000	0.97	-4.38	0.01	-3.024	0.326	-435.892
			148.0000	0.97	-4.33	0.01	-3.024	0.000	-340.141
			170.0000	0.97	-4.28	0.01	-3.024	-0.326	-245.445
			170.0000	0.50	-3.38	0.01	0.003	0.250	-240.374
			192.0000	0.50	-3.93	0.01	0.003	0.000	-170.988
			214.0000	0.50	-2.47	0.01	0.003	-0.250	-111.623
			214.0000	0.19	-2.37	0.00	3.031	0.133	-96.865
			234.0100	0.19	-2.33	0.00	3.031	0.067	-47.868
			254.0200	0.19	-2.28	0.00	3.031	0.000	-1.744
PH2	B5	LIVE							
			0.0000	-0.08	0.86	0.00	0.000	0.000	0.000
			21.0000	-0.08	0.86	0.00	0.000	-0.017	-18.132
			42.0000	-0.08	0.86	0.00	0.000	-0.034	-36.264
			42.0000	-0.26	1.15	0.01	0.809	0.183	-35.383
			63.0000	-0.26	1.28	0.01	0.809	0.000	-60.967
			84.0000	-0.26	1.41	0.01	0.809	-0.183	-89.246
			84.0000	-0.56	1.44	0.01	1.650	0.186	-84.784
			105.0000	-0.56	1.44	0.01	1.650	0.000	-114.985
			126.0000	-0.56	1.44	0.01	1.650	-0.186	-145.185
			126.0000	0.58	-1.41	0.01	-1.009	0.239	-143.079

B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PH2	B5	LIVE (Continued)							
			148.0000	0.58	-1.41	0.01	-1.009	0.000	-112.059
			170.0000	0.58	-1.41	0.01	-1.009	-0.239	-81.039
			170.0000	0.30	-1.11	0.01	0.001	0.176	-80.018
			192.0000	0.30	-0.97	0.01	0.001	0.000	-57.115
			214.0000	0.30	-0.84	0.01	0.001	-0.176	-37.171
			214.0000	0.10	-0.81	0.00	1.010	0.090	-32.276
			234.0100	0.10	-0.81	0.00	1.010	0.045	-16.138
			254.0200	0.10	-0.81	0.00	1.010	0.000	0.000
PH2	B5	FPX							
			0.0000	-3.27	0.00	0.01	0.000	0.000	0.000
			21.0000	-3.27	0.00	0.01	0.000	-0.206	0.000
			42.0000	-3.27	0.00	0.01	0.000	-0.413	0.000
			42.0000	-5.48	0.00	0.06	0.000	0.845	0.000
			63.0000	-5.48	0.00	0.06	0.000	0.000	0.000
			84.0000	-5.48	0.00	0.06	0.000	-0.845	0.000
			84.0000	-10.07	0.00	0.06	0.000	1.246	0.000
			105.0000	-10.07	0.00	0.06	0.000	0.000	0.000
			126.0000	-10.07	0.00	0.06	0.000	-1.246	0.000
			126.0000	10.10	0.10	0.05	-0.001	1.209	12.396
			148.0000	10.10	0.10	0.05	-0.001	0.000	10.266
			170.0000	10.10	0.10	0.05	-0.001	-1.209	8.136
			170.0000	5.46	0.10	0.04	-0.001	0.808	8.136
			192.0000	5.46	0.10	0.04	-0.001	0.000	6.005
			214.0000	5.46	0.10	0.04	-0.001	-0.808	3.875
			214.0000	3.33	0.10	0.01	-0.001	0.459	3.875
			234.0100	3.33	0.10	0.01	-0.001	0.230	1.938
			254.0200	3.33	0.10	0.01	-0.001	0.000	0.000
PH2	B5	FPY							
			0.0000	-0.01	0.00	0.02	0.000	0.000	0.000
			21.0000	-0.01	0.00	0.02	0.000	-0.440	0.000
			42.0000	-0.01	0.00	0.02	0.000	-0.881	0.000
			42.0000	-0.41	0.00	0.07	0.000	1.382	0.000
			63.0000	-0.41	0.00	0.07	0.000	0.000	0.000
			84.0000	-0.41	0.00	0.07	0.000	-1.382	0.000
			84.0000	-1.02	0.00	0.07	0.000	1.426	0.000
			105.0000	-1.02	0.00	0.07	0.000	0.000	0.000
			126.0000	-1.02	0.00	0.07	0.000	-1.426	0.000
			126.0000	1.78	0.03	0.06	0.000	1.321	3.874
			148.0000	1.78	0.03	0.06	0.000	0.000	3.208
			170.0000	1.78	0.03	0.06	0.000	-1.321	2.543
			170.0000	1.19	0.03	0.05	0.000	1.122	2.543
			192.0000	1.19	0.03	0.05	0.000	0.000	1.977
			214.0000	1.19	0.03	0.05	0.000	-1.122	1.211
			214.0000	0.57	0.03	0.01	0.000	0.370	1.211
			234.0100	0.57	0.03	0.01	0.000	0.185	0.606
			254.0200	0.57	0.03	0.01	0.000	0.000	0.000
PH2	B15	DEAD							
			3.9800	-0.96	-0.82	0.00	0.000	0.000	-0.017
			23.9900	-0.96	-0.77	0.00	0.000	0.010	15.885
			44.0000	-0.96	-0.73	0.00	0.000	0.020	30.915
			44.0000	-0.81	0.00	0.00	1.978	0.067	35.492
			66.0000	-0.81	0.37	0.00	1.978	0.000	31.416
			88.0000	-0.81	0.74	0.00	1.978	-0.067	19.186
			88.0000	-0.79	0.83	0.00	3.956	0.079	33.023
			108.0100	-0.79	0.87	0.00	3.956	0.040	-16.076
			128.0200	-0.79	0.91	0.00	3.956	0.000	-1.744
PH2	B15	LIVE							
			3.9800	-0.51	-1.89	0.00	0.000	0.000	0.000
			23.9900	-0.51	-1.89	0.00	0.000	-0.018	37.818
			44.0000	-0.51	-1.89	0.00	0.000	-0.036	75.636
			44.0000	-0.43	0.00	0.01	5.152	0.118	81.976
			66.0000	-0.43	0.84	0.01	5.152	0.000	72.733
			88.0000	-0.43	1.68	0.01	5.152	-0.118	45.004
			88.0000	-0.41	1.89	0.00	10.303	0.090	75.636
			108.0100	-0.41	1.89	0.00	10.303	0.045	37.818
			128.0200	-0.41	1.89	0.00	10.303	0.000	0.000
PH2	B15	FPX							
			3.9800	12.03	0.00	0.00	0.000	0.000	0.000
			23.9900	12.03	0.00	0.00	0.000	0.033	0.000
			44.0000	12.03	0.00	0.00	0.000	0.066	0.000
			44.0000	8.39	0.00	-0.06	0.000	-1.273	0.000
			66.0000	8.39	0.00	-0.06	0.000	0.000	0.000
			88.0000	8.39	0.00	-0.06	0.000	1.273	0.000

B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PH2	B15	FPX (Continued)							
			88.0000	6.53	0.00	-0.03	0.000	-1.023	0.000
			108.0100	6.53	0.00	-0.03	0.000	-0.511	0.000
			128.0200	6.53	0.00	-0.03	0.000	0.000	0.000
PH2	B15	FPY							
			3.9800	0.74	0.00	-0.05	0.000	0.000	0.000
			23.9900	0.74	0.00	-0.05	0.000	1.086	0.000
			44.0000	0.74	0.00	-0.05	0.000	2.171	0.000
			44.0000	-1.41	0.00	-0.19	0.000	-4.110	0.000
			66.0000	-1.41	0.00	-0.19	0.000	0.000	0.000
			88.0000	-1.41	0.00	-0.19	0.000	4.110	0.000
			88.0000	-4.00	0.00	-0.06	0.000	-2.548	0.000
			108.0100	-4.00	0.00	-0.06	0.000	-1.274	0.000
			128.0200	-4.00	0.00	-0.06	0.000	0.000	0.000
PH2	B19	DEAD							
			4.8650	0.23	-0.63	0.00	0.000	0.000	-0.113
			24.4325	0.23	-0.44	0.00	0.000	0.047	10.399
			44.0000	0.23	-0.26	0.00	0.000	0.094	17.246
			44.0000	0.17	-0.01	0.00	-1.978	0.060	27.952
			66.0000	0.17	0.36	0.00	-1.978	0.000	24.006
			88.0000	0.17	0.74	0.00	-1.978	-0.060	11.908
			88.0000	0.04	0.67	0.00	-3.956	0.042	26.814
			108.0100	0.04	0.66	0.00	-3.956	0.021	11.503
			128.0200	0.04	1.05	0.00	-3.956	0.000	-7.617
PH2	B19	LIVE							
			4.8650	0.13	-1.41	0.00	0.000	0.000	-0.226
			24.4325	0.13	-1.04	0.00	0.000	0.003	23.730
			44.0000	0.13	-0.66	0.00	0.000	0.006	40.354
			44.0000	0.16	-0.01	0.00	-5.152	0.101	62.551
			66.0000	0.16	0.83	0.00	-5.152	0.000	53.594
			88.0000	0.16	1.67	0.00	-5.152	-0.101	26.150
			88.0000	0.18	1.49	0.00	-10.303	0.069	59.565
			108.0100	0.18	1.87	0.00	-10.303	0.035	25.959
			128.0200	0.18	2.25	0.00	-10.303	0.000	-15.293
PH2	B19	FPX							
			4.8650	-2.13	0.00	0.03	0.000	0.000	0.000
			24.4325	-2.13	0.00	0.03	0.000	-0.665	0.000
			44.0000	-2.13	0.00	0.03	0.000	-1.330	0.000
			44.0000	-3.31	0.00	-0.03	0.000	-0.633	0.000
			66.0000	-3.31	0.00	-0.03	0.000	0.000	0.000
			88.0000	-3.31	0.00	-0.03	0.000	0.633	0.000
			88.0000	-3.84	0.00	-0.02	0.000	-0.611	0.000
			108.0100	-3.84	0.00	-0.02	0.000	-0.306	0.000
			128.0200	-3.84	0.00	-0.02	0.000	0.000	0.000
PH2	B19	FPY							
			4.8650	-3.44	0.00	-0.04	0.000	0.000	0.000
			24.4325	-3.44	0.00	-0.04	0.000	0.770	0.000
			44.0000	-3.44	0.00	-0.04	0.000	1.539	0.000
			44.0000	-9.29	0.00	-0.12	0.000	-2.667	0.000
			66.0000	-9.29	0.00	-0.12	0.000	0.000	0.000
			88.0000	-9.29	0.00	-0.12	0.000	2.667	0.000
			88.0000	-18.40	0.00	-0.07	0.000	-2.634	0.000
			108.0100	-18.40	0.00	-0.07	0.000	-1.317	0.000
			128.0200	-18.40	0.00	-0.07	0.000	0.000	0.000
PH2	B28	DEAD							
			4.8650	0.27	-0.77	0.01	0.000	0.000	-0.134
			24.4325	0.27	-0.56	0.01	0.000	-0.102	12.676
			44.0000	0.27	-0.33	0.01	0.000	-0.205	21.142
			44.0000	0.29	-0.01	0.01	2.473	0.233	33.957
			66.0000	0.29	0.44	0.01	2.473	0.000	29.151
			88.0000	0.29	0.90	0.01	2.473	-0.233	14.438
			88.0000	0.28	0.81	0.00	4.945	0.106	32.532
			108.0100	0.28	1.04	0.00	4.945	0.053	13.995
			128.0200	0.28	1.27	0.00	4.945	0.000	-9.085
PH2	B28	LIVE							
			4.8650	0.06	-0.33	0.00	0.000	0.000	-0.036
			24.4325	0.06	-0.17	0.00	0.000	-0.079	3.795
			44.0000	0.06	-0.11	0.00	0.000	-0.159	6.457
			44.0000	0.04	0.00	0.01	0.824	0.183	10.008
			66.0000	0.04	0.13	0.01	0.824	0.000	8.575
			88.0000	0.04	0.27	0.01	0.824	-0.183	4.184
			88.0000	-0.05	0.24	0.00	1.648	0.096	9.530

B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PH2	B28	LIVE (Continued)							
			108.0100	-0.05	0.30	0.00	1.648	0.048	4.154
			128.0200	-0.05	0.36	0.00	1.648	0.000	-2.447
PH2	B28	FPX							
			4.8650	2.76	0.00	0.00	0.000	0.000	0.000
			24.4325	2.76	0.00	0.00	0.000	-0.001	0.000
			44.0000	2.76	0.00	0.00	0.000	-0.002	0.000
			44.0000	2.56	0.00	0.00	0.000	0.087	0.000
			66.0000	2.56	0.00	0.00	0.000	0.000	0.000
			88.0000	2.56	0.00	0.00	0.000	-0.087	0.000
			88.0000	3.13	0.00	0.00	0.000	0.045	0.000
			108.0100	3.13	0.00	0.00	0.000	0.022	0.000
			128.0200	3.13	0.00	0.00	0.000	0.000	0.000
PH2	B28	FPY							
			4.8650	-12.73	0.00	0.02	0.000	0.000	0.000
			24.4325	-12.73	0.00	0.02	0.000	-0.452	0.000
			44.0000	-12.73	0.00	0.02	0.000	-0.904	0.000
			44.0000	-18.41	0.00	0.08	0.000	1.809	0.000
			66.0000	-18.41	0.00	0.08	0.000	0.000	0.000
			88.0000	-18.41	0.00	0.08	0.000	-1.809	0.000
			88.0000	-29.18	0.00	0.07	0.000	1.614	0.000
			108.0100	-29.18	0.00	0.07	0.000	1.307	0.000
			128.0200	-29.18	0.00	0.07	0.000	0.000	0.000
PH2	B29	DEAD							
			4.8650	0.08	-0.82	0.00	0.000	0.000	-0.026
			24.4325	0.08	-0.78	0.00	0.000	-0.000	15.593
			44.0000	0.08	-0.73	0.00	0.000	-0.001	30.378
			44.0000	0.28	-0.01	0.08	-1.978	0.035	34.973
			66.0000	0.28	0.36	0.00	-1.978	0.000	31.032
			88.0000	0.28	0.73	0.00	-1.978	-0.035	18.939
			88.0000	0.65	0.82	0.00	-3.956	0.053	32.776
			108.0100	0.65	0.86	0.00	-3.956	0.027	15.352
			128.0200	0.65	0.91	0.00	-3.956	0.000	-1.744
PH2	B29	LIVE							
			4.8650	0.06	-1.90	0.00	0.000	0.000	0.000
			24.4325	0.06	-1.90	0.00	0.000	-0.041	37.347
			44.0000	0.06	-1.90	0.00	0.000	-0.081	74.695
			44.0000	0.19	-0.01	0.00	-5.152	0.102	80.835
			66.0000	0.19	0.83	0.00	-5.152	0.000	71.891
			88.0000	0.19	1.67	0.00	-5.152	-0.102	44.160
			88.0000	0.43	1.88	0.00	-10.303	0.088	75.092
			108.0100	0.43	1.88	0.00	-10.303	0.044	37.546
			128.0200	0.43	1.88	0.00	-10.303	0.000	0.000
PH2	B29	FPX							
			4.8650	-1.35	0.00	-0.03	0.000	0.000	0.000
			24.4325	-1.35	0.00	-0.03	0.000	0.507	0.000
			44.0000	-1.35	0.00	-0.03	0.000	1.015	0.000
			44.0000	-2.72	0.00	-0.05	0.000	-1.096	0.000
			66.0000	-2.72	0.00	-0.05	0.000	0.000	0.000
			88.0000	-2.72	0.00	-0.05	0.000	1.096	0.000
			88.0000	-5.55	0.00	-0.03	0.000	-1.068	0.000
			108.0100	-5.55	0.00	-0.03	0.000	-0.534	0.000
			128.0200	-5.55	0.00	-0.03	0.000	0.000	0.000
PH2	B29	FPY							
			4.8650	2.95	0.00	-0.14	0.000	0.000	0.000
			24.4325	2.95	0.00	-0.14	0.000	2.715	0.000
			44.0000	2.95	0.00	-0.14	0.000	5.429	0.000
			44.0000	4.99	0.00	-0.20	0.000	-4.490	0.000
			66.0000	4.99	0.00	-0.20	0.000	0.000	0.000
			88.0000	4.99	0.00	-0.20	0.000	4.490	0.000
			88.0000	6.68	0.00	-0.06	0.000	-2.520	0.000
			108.0100	6.68	0.00	-0.06	0.000	-1.260	0.000
			128.0200	6.68	0.00	-0.06	0.000	0.000	0.000
PH1	B6	DEAD							
			3.9800	0.34	-0.81	0.00	0.000	0.000	-0.017
			23.9900	0.34	-0.77	0.00	0.000	0.043	15.855
			44.0000	0.34	-0.73	0.00	0.000	0.087	30.854
			44.0000	0.53	0.00	-0.01	2.422	-0.131	35.447
			66.0000	0.53	0.37	-0.01	2.422	0.000	31.370
			88.0000	0.53	0.74	-0.01	2.422	0.131	19.141
			88.0000	0.87	0.82	0.00	4.844	-0.104	32.963
			108.0100	0.87	0.87	0.00	4.844	-0.052	16.045

B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PH1	B6	DEAD (Continued)							
			128.0200	0.87	0.91	0.00	4.844	0.000	-1.744
PH1	B6	LIVE							
			3.9800	0.45	-1.89	0.00	0.000	0.000	0.000
			23.9900	0.45	-1.89	0.00	0.000	0.026	37.739
			44.0000	0.45	-1.89	0.00	0.000	0.051	75.477
			44.0000	0.59	0.00	0.00	6.307	-0.089	81.858
			66.0000	0.59	0.84	0.00	6.307	0.000	72.615
			88.0000	0.59	1.68	0.00	6.307	0.089	44.886
			88.0000	0.90	1.89	0.00	12.614	-0.095	75.477
			108.0100	0.90	1.89	0.00	12.614	-0.048	37.739
			128.0200	0.90	1.89	0.00	12.614	0.000	0.000
PH1	B6	FPX							
			3.9800	-13.18	0.00	0.02	0.000	0.000	0.000
			23.9900	-13.18	0.00	0.02	0.000	-0.359	0.000
			44.0000	-13.18	0.00	0.02	0.000	-0.718	0.000
			44.0000	-17.23	0.00	0.07	0.000	1.450	0.000
			66.0000	-17.23	0.00	0.07	0.000	0.000	0.000
			88.0000	-17.23	0.00	0.07	0.000	-1.450	0.000
			88.0000	-26.02	0.00	0.05	0.000	2.169	0.000
			108.0100	-26.02	0.00	0.05	0.000	1.084	0.000
			128.0200	-26.02	0.00	0.05	0.000	0.000	0.000
PH1	B6	FPY							
			3.9800	2.12	0.00	0.02	0.000	0.000	0.000
			23.9900	2.12	0.00	0.02	0.000	-0.387	0.000
			44.0000	2.12	0.00	0.02	0.000	-0.774	0.000
			44.0000	4.35	0.00	0.03	0.000	0.567	0.000
			66.0000	4.35	0.00	0.03	0.000	0.000	0.000
			88.0000	4.35	0.00	0.03	0.000	-0.567	0.000
			88.0000	6.85	0.00	-0.01	0.000	-0.419	0.000
			108.0100	6.85	0.00	-0.01	0.000	-0.209	0.000
			128.0200	6.85	0.00	-0.01	0.000	0.000	0.000
PH1	B15	DEAD							
			3.9800	-0.07	-1.00	0.00	0.000	0.000	-0.017
			23.9900	-0.07	-0.95	0.00	0.000	-0.039	19.477
			44.0000	-0.07	-0.91	0.00	0.000	-0.077	38.100
			44.0000	-0.18	0.00	0.00	-3.027	0.018	43.305
			66.0000	-0.18	0.45	0.00	-3.027	0.000	38.341
			88.0000	-0.18	0.90	0.00	-3.027	-0.018	23.459
			88.0000	-0.30	1.00	0.00	-6.055	0.084	48.308
			108.0100	-0.30	1.05	0.00	-6.055	0.027	19.668
			128.0200	-0.30	1.09	0.00	-6.055	0.000	-1.744
PH1	B15	LIVE							
			3.9800	-0.04	-0.38	0.00	0.000	0.000	0.000
			23.9900	-0.04	-0.38	0.00	0.000	-0.045	6.038
			44.0000	-0.04	-0.30	0.00	0.000	-0.090	13.076
			44.0000	-0.10	0.00	0.00	-1.009	0.048	13.097
			66.0000	-0.10	0.13	0.00	-1.009	0.000	11.418
			88.0000	-0.10	0.27	0.00	-1.009	-0.048	7.182
			88.0000	-0.15	0.30	0.00	-2.018	0.080	12.076
			108.0100	-0.15	0.30	0.00	-2.018	0.040	6.038
			128.0200	-0.15	0.30	0.00	-2.018	0.000	0.000
PH1	B15	FPX							
			3.9800	-4.96	0.00	0.02	0.000	0.000	0.000
			23.9900	-4.96	0.00	0.02	0.000	-0.448	0.000
			44.0000	-4.96	0.00	0.02	0.000	-0.896	0.000
			44.0000	-7.16	0.00	-0.01	0.000	-0.188	0.000
			66.0000	-7.16	0.00	-0.01	0.000	0.000	0.000
			88.0000	-7.16	0.00	-0.01	0.000	0.188	0.000
			88.0000	-11.51	0.00	-0.01	0.000	-0.590	0.000
			108.0100	-11.51	0.00	-0.01	0.000	-0.295	0.000
			128.0200	-11.51	0.00	-0.01	0.000	0.000	0.000
PH1	B15	FPY							
			3.9800	4.58	0.00	-0.18	0.000	0.000	0.000
			23.9900	4.58	0.00	-0.18	0.000	3.552	0.000
			44.0000	4.58	0.00	-0.18	0.000	7.105	0.000
			44.0000	6.59	0.00	-0.20	0.000	-4.314	0.000
			66.0000	6.59	0.00	-0.20	0.000	0.000	0.000
			88.0000	6.59	0.00	-0.20	0.000	4.314	0.000
			88.0000	6.64	0.00	-0.07	0.000	-2.815	0.000
			108.0100	6.64	0.00	-0.07	0.000	-1.407	0.000
			128.0200	6.64	0.00	-0.07	0.000	0.000	0.000

B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PH1	B19	DEAD							
			4.8650	0.02	0.01	0.00	0.000	0.000	-0.026
			25.3908	0.02	0.06	0.00	0.000	0.000	-0.702
			45.9167	0.02	0.10	0.00	0.000	0.000	-2.296
			66.4425	0.02	0.14	0.00	0.000	0.000	-4.808
			86.9683	0.02	0.19	0.00	0.000	0.000	-8.237
			107.4942	0.02	0.23	0.00	0.000	0.000	-12.584
			128.0200	0.02	0.28	0.00	0.000	0.000	-17.848
PH1	B19	LIVE							
			4.8650	0.05	0.00	0.00	0.000	0.000	0.000
			25.3908	0.05	0.00	0.00	0.000	0.000	0.000
			45.9167	0.05	0.00	0.00	0.000	0.000	0.000
			66.4425	0.05	0.00	0.00	0.000	0.000	0.000
			86.9683	0.05	0.00	0.00	0.000	0.000	0.000
			107.4942	0.05	0.00	0.00	0.000	0.000	0.000
			128.0200	0.05	0.00	0.00	0.000	0.000	0.000
PH1	B19	FPX							
			4.8650	-0.08	0.00	0.00	0.000	0.000	0.000
			25.3908	-0.08	0.00	0.00	0.000	0.000	0.000
			45.9167	-0.08	0.00	0.00	0.000	0.000	0.000
			66.4425	-0.08	0.00	0.00	0.000	0.000	0.000
			86.9683	-0.08	0.00	0.00	0.000	0.000	0.000
			107.4942	-0.08	0.00	0.00	0.000	0.000	0.000
			128.0200	-0.08	0.00	0.00	0.000	0.000	0.000
PH1	B19	FPY							
			4.8650	3.12	0.00	0.00	0.000	0.000	0.000
			25.3908	3.12	0.00	0.00	0.000	0.000	0.000
			45.9167	3.12	0.00	0.00	0.000	0.000	0.000
			66.4425	3.12	0.00	0.00	0.000	0.000	0.000
			86.9683	3.12	0.00	0.00	0.000	0.000	0.000
			107.4942	3.12	0.00	0.00	0.000	0.000	0.000
			128.0200	3.12	0.00	0.00	0.000	0.000	0.000
PH1	B28	DEAD							
			4.8650	0.20	-0.63	0.00	0.000	0.000	-0.113
			24.4325	0.20	-0.44	0.00	0.000	0.054	10.399
			44.0000	0.20	-0.26	0.00	0.000	0.108	17.268
			44.0000	0.06	-0.01	0.00	1.978	-0.108	27.952
			66.0000	0.06	0.36	0.00	1.978	0.000	24.006
			88.0000	0.06	0.74	0.00	1.978	0.108	11.908
			88.0000	0.05	0.67	0.00	3.956	-0.046	26.814
			108.0100	0.05	0.86	0.00	3.956	-0.023	11.503
			128.0200	0.05	1.05	0.00	3.956	0.000	-7.627
PH1	B28	LIVE							
			4.8650	0.19	-1.41	0.00	0.000	0.000	-0.226
			24.4325	0.19	-1.04	0.00	0.000	0.032	23.730
			44.0000	0.19	-0.68	0.00	0.000	0.064	40.384
			44.0000	0.06	-0.01	0.00	5.152	-0.069	62.551
			66.0000	0.06	0.83	0.00	5.152	0.000	53.594
			88.0000	0.06	1.67	0.00	5.152	0.069	26.150
			88.0000	0.03	1.49	0.00	10.303	-0.028	59.865
			108.0100	0.03	1.87	0.00	10.303	-0.014	25.959
			128.0200	0.03	2.25	0.00	10.303	0.000	-15.293
PH1	B28	FPX							
			4.8650	3.10	0.00	0.00	0.000	0.000	0.000
			24.4325	3.10	0.00	0.00	0.000	0.000	-0.007
			44.0000	3.10	0.00	0.00	0.000	-0.014	0.000
			44.0000	1.06	0.00	0.01	0.000	0.258	0.000
			66.0000	1.06	0.00	0.01	0.000	0.000	0.000
			88.0000	1.06	0.00	0.01	0.000	-0.258	0.000
			88.0000	0.15	0.00	0.01	0.000	0.362	0.000
			108.0100	0.15	0.00	0.01	0.000	0.181	0.000
			128.0200	0.15	0.00	0.01	0.000	0.000	0.000
PH1	B28	FPY							
			4.8650	14.67	0.00	0.02	0.000	0.000	0.000
			24.4325	14.67	0.00	0.02	0.000	-0.483	0.000
			44.0000	14.67	0.00	0.02	0.000	-0.965	0.000
			44.0000	6.68	0.00	0.04	0.000	0.986	0.000
			66.0000	6.68	0.00	0.04	0.000	0.000	0.000
			88.0000	6.68	0.00	0.04	0.000	-0.986	0.000
			88.0000	2.92	0.00	0.02	0.000	0.738	0.000
			108.0100	2.92	0.00	0.02	0.000	0.369	0.000
			128.0200	2.92	0.00	0.02	0.000	0.000	0.000

B E A M F O R C E S

STORY	BEAM	LOAD	LOC	P	V2	V3	T	M2	M3
PH1	B29	DEAD							
			4.8650	5.13	0.01	0.00	0.000	0.000	-0.026
			25.3908	5.13	0.06	0.00	0.000	0.000	-0.702
			45.9167	5.13	0.10	0.00	0.000	0.000	-2.296
			66.4425	5.13	0.14	0.00	0.000	0.000	-4.808
			86.9683	5.13	0.19	0.00	0.000	0.000	-8.237
			107.4942	5.13	0.23	0.00	0.000	0.000	-12.584
			128.0200	5.13	0.28	0.00	0.000	0.000	-17.848
PH1	B29	LIVE							
			4.8650	4.41	0.00	0.00	0.000	0.000	0.000
			25.3908	4.41	0.00	0.00	0.000	0.000	0.000
			45.9167	4.41	0.00	0.00	0.000	0.000	0.000
			66.4425	4.41	0.00	0.00	0.000	0.000	0.000
			86.9683	4.41	0.00	0.00	0.000	0.000	0.000
			107.4942	4.41	0.00	0.00	0.000	0.000	0.000
			128.0200	4.41	0.00	0.00	0.000	0.000	0.000
PH1	B29	FPX							
			4.8650	35.45	0.00	0.00	0.000	0.000	0.000
			25.3908	35.45	0.00	0.00	0.000	0.000	0.000
			45.9167	35.45	0.00	0.00	0.000	0.000	0.000
			66.4425	35.45	0.00	0.00	0.000	0.000	0.000
			86.9683	35.45	0.00	0.00	0.000	0.000	0.000
			107.4942	35.45	0.00	0.00	0.000	0.000	0.000
			128.0200	35.45	0.00	0.00	0.000	0.000	0.000
PH1	B29	FPY							
			4.8650	-2.47	0.00	0.00	0.000	0.000	0.000
			25.3908	-2.47	0.00	0.00	0.000	0.000	0.000
			45.9167	-2.47	0.00	0.00	0.000	0.000	0.000
			66.4425	-2.47	0.00	0.00	0.000	0.000	0.000
			86.9683	-2.47	0.00	0.00	0.000	0.000	0.000
			107.4942	-2.47	0.00	0.00	0.000	0.000	0.000
			128.0200	-2.47	0.00	0.00	0.000	0.000	0.000

B R A C E F O R C E S

STORY	BRACE	LOAD	LOC	P	V2	V3	T	M2	M3
PHRF	D5	DEAD							
			0.0000	-0.25	0.00	0.00	0.000	0.000	0.000
			82.8010	-0.16	0.12	0.00	0.000	0.000	-4.789
			165.6019	-0.07	0.23	0.00	0.000	0.000	-19.156
PHRF	D5	LIVE							
			0.0000	0.19	0.00	0.00	0.000	0.000	0.000
			82.8010	0.19	0.00	0.00	0.000	0.000	0.000
			165.6019	0.19	0.00	0.00	0.000	0.000	0.000
PHRF	D5	FPX							
			0.0000	14.01	0.00	0.00	0.000	0.000	0.000
			82.8010	14.01	0.00	0.00	0.000	0.000	0.000
			165.6019	14.01	0.00	0.00	0.000	0.000	0.000
PHRF	D5	FPY							
			0.0000	-23.41	0.00	0.00	0.000	0.000	0.000
			82.8010	-23.41	0.00	0.00	0.000	0.000	0.000
			165.6019	-23.41	0.00	0.00	0.000	0.000	0.000
PHRF	D6	DEAD							
			0.0000	-0.16	0.00	0.00	0.000	0.000	0.000
			82.8010	-0.07	0.12	0.00	0.000	0.000	-4.789
			165.6019	0.02	0.23	0.00	0.000	0.000	-19.156
PHRF	D6	LIVE							
			0.0000	-0.08	0.00	0.00	0.000	0.000	0.000
			82.8010	-0.08	0.00	0.00	0.000	0.000	0.000
			165.6019	-0.08	0.00	0.00	0.000	0.000	0.000
PHRF	D6	FPX							
			0.0000	0.13	0.00	0.00	0.000	0.000	0.000
			82.8010	0.13	0.00	0.00	0.000	0.000	0.000
			165.6019	0.13	0.00	0.00	0.000	0.000	0.000
PHRF	D6	FPY							
			0.0000	-29.02	0.00	0.00	0.000	0.000	0.000
			82.8010	-29.02	0.00	0.00	0.000	0.000	0.000
			165.6019	-29.02	0.00	0.00	0.000	0.000	0.000
PHRF	D13	DEAD							
			0.0000	-1.26	0.00	0.00	0.000	0.000	0.000
			82.8010	-1.18	0.12	0.00	0.000	0.000	-4.789
			165.6019	-1.09	0.23	0.00	0.000	0.000	-19.156
PHRF	D13	LIVE							
			0.0000	-0.24	0.00	0.00	0.000	0.000	0.000
			82.8010	-0.24	0.00	0.00	0.000	0.000	0.000
			165.6019	-0.24	0.00	0.00	0.000	0.000	0.000
PHRF	D13	FPX							
			0.0000	-13.86	0.00	0.00	0.000	0.000	0.000
			82.8010	-13.86	0.00	0.00	0.000	0.000	0.000
			165.6019	-13.86	0.00	0.00	0.000	0.000	0.000
PHRF	D13	FPY							
			0.0000	-23.62	0.00	0.00	0.000	0.000	0.000
			82.8010	-23.62	0.00	0.00	0.000	0.000	0.000
			165.6019	-23.62	0.00	0.00	0.000	0.000	0.000
PH2	D1	DEAD							
			0.0000	-4.68	0.00	0.00	0.000	0.000	0.000
			93.3381	-4.57	0.12	0.00	0.000	0.000	-5.398
			186.6762	-4.45	0.23	0.00	0.000	0.000	-21.594
PH2	D1	LIVE							
			0.0000	-3.50	0.00	0.00	0.000	0.000	0.000
			93.3381	-3.50	0.00	0.00	0.000	0.000	0.000
			186.6762	-3.50	0.00	0.00	0.000	0.000	0.000
PH2	D1	FPX							
			0.0000	-56.43	0.00	0.00	0.000	0.000	0.000
			93.3381	-56.43	0.00	0.00	0.000	0.000	0.000
			186.6762	-56.43	0.00	0.00	0.000	0.000	0.000
PH2	D1	FPY							
			0.0000	-7.44	0.00	0.00	0.000	0.000	0.000
			93.3381	-7.44	0.00	0.00	0.000	0.000	0.000
			186.6762	-7.44	0.00	0.00	0.000	0.000	0.000

B R A C E F O R C E S

STORY	BRACE	LOAD	LOC	P	V2	V3	T	M2	M3
PH2	D3	DEAD	0.0000	2.41	0.00	0.00	0.000	0.000	0.000
			93.3381	2.52	0.12	0.00	0.000	0.000	-5.398
			186.6762	2.64	0.23	0.00	0.000	0.000	-21.594
PH2	D3	LIVE	0.0000	0.93	0.00	0.00	0.000	0.000	0.000
			93.3381	0.93	0.00	0.00	0.000	0.000	0.000
			186.6762	0.93	0.00	0.00	0.000	0.000	0.000
PH2	D3	FPX	0.0000	-49.58	0.00	0.00	0.000	0.000	0.000
			93.3381	-49.58	0.00	0.00	0.000	0.000	0.000
			186.6762	-49.58	0.00	0.00	0.000	0.000	0.000
PH2	D3	FPY	0.0000	23.60	0.00	0.00	0.000	0.000	0.000
			93.3381	23.60	0.00	0.00	0.000	0.000	0.000
			186.6762	23.60	0.00	0.00	0.000	0.000	0.000
PH2	D8	DEAD	0.0000	0.27	0.00	0.00	0.000	0.000	0.000
			93.3381	0.38	0.12	0.00	0.000	0.000	-5.398
			186.6762	0.50	0.23	0.00	0.000	0.000	-21.594
PH2	D8	LIVE	0.0000	-0.32	0.00	0.00	0.000	0.000	0.000
			93.3381	-0.32	0.00	0.00	0.000	0.000	0.000
			186.6762	-0.32	0.00	0.00	0.000	0.000	0.000
PH2	D8	FPX	0.0000	9.28	0.00	0.00	0.000	0.000	0.000
			93.3381	9.28	0.00	0.00	0.000	0.000	0.000
			186.6762	9.28	0.00	0.00	0.000	0.000	0.000
PH2	D8	FPY	0.0000	86.74	0.00	0.00	0.000	0.000	0.000
			93.3381	86.74	0.00	0.00	0.000	0.000	0.000
			186.6762	86.74	0.00	0.00	0.000	0.000	0.000
PH2	D10	DEAD	0.0000	-0.71	0.00	0.00	0.000	0.000	0.000
			93.3381	-0.59	0.12	0.00	0.000	0.000	-5.398
			186.6762	-0.48	0.23	0.00	0.000	0.000	-21.594
PH2	D10	LIVE	0.0000	0.12	0.00	0.00	0.000	0.000	0.000
			93.3381	0.12	0.00	0.00	0.000	0.000	0.000
			186.6762	0.12	0.00	0.00	0.000	0.000	0.000
PH2	D10	FPX	0.0000	-7.90	0.00	0.00	0.000	0.000	0.000
			93.3381	-7.90	0.00	0.00	0.000	0.000	0.000
			186.6762	-7.90	0.00	0.00	0.000	0.000	0.000
PH2	D10	FPY	0.0000	79.64	0.00	0.00	0.000	0.000	0.000
			93.3381	79.64	0.00	0.00	0.000	0.000	0.000
			186.6762	79.64	0.00	0.00	0.000	0.000	0.000
PH2	D11	DEAD	0.0000	-3.80	0.00	0.00	0.000	0.000	0.000
			93.3381	-3.69	0.12	0.00	0.000	0.000	-5.398
			186.6762	-3.57	0.23	0.00	0.000	0.000	-21.594
PH2	D11	LIVE	0.0000	-2.82	0.00	0.00	0.000	0.000	0.000
			93.3381	-2.82	0.00	0.00	0.000	0.000	0.000
			186.6762	-2.82	0.00	0.00	0.000	0.000	0.000
PH2	D11	FPX	0.0000	62.00	0.00	0.00	0.000	0.000	0.000
			93.3381	62.00	0.00	0.00	0.000	0.000	0.000
			186.6762	62.00	0.00	0.00	0.000	0.000	0.000
PH2	D11	FPY	0.0000	15.28	0.00	0.00	0.000	0.000	0.000
			93.3381	15.28	0.00	0.00	0.000	0.000	0.000
			186.6762	15.28	0.00	0.00	0.000	0.000	0.000

B R A C E F O R C E S

STORY	BRACE	LOAD	LOC	P	V2	V3	T	M2	M3
PH1	D2	DEAD	0.0000	2.29	0.00	0.00	0.000	0.000	0.000
			97.6729	2.49	0.18	0.00	0.000	0.000	-8.903
			195.3458	2.69	0.36	0.00	0.000	0.000	-35.613
PH1	D2	LIVE	0.0000	1.14	0.00	0.00	0.000	0.000	0.000
			97.6729	1.14	0.00	0.00	0.000	0.000	0.000
			195.3458	1.14	0.00	0.00	0.000	0.000	0.000
PH1	D2	FPX	0.0000	135.66	0.00	0.00	0.000	0.000	0.000
			97.6729	135.66	0.00	0.00	0.000	0.000	0.000
			195.3458	135.66	0.00	0.00	0.000	0.000	0.000
PH1	D2	FPY	0.0000	-9.93	0.00	0.00	0.000	0.000	0.000
			97.6729	-9.93	0.00	0.00	0.000	0.000	0.000
			195.3458	-9.93	0.00	0.00	0.000	0.000	0.000
PH1	D5	DEAD	0.0000	-5.01	0.00	0.00	0.000	0.000	0.000
			97.6729	-4.81	0.18	0.00	0.000	0.000	-8.903
			195.3458	-4.61	0.36	0.00	0.000	0.000	-35.613
PH1	D5	LIVE	0.0000	-4.42	0.00	0.00	0.000	0.000	0.000
			97.6729	-4.42	0.00	0.00	0.000	0.000	0.000
			195.3458	-4.42	0.00	0.00	0.000	0.000	0.000
PH1	D5	FPX	0.0000	139.87	0.00	0.00	0.000	0.000	0.000
			97.6729	139.87	0.00	0.00	0.000	0.000	0.000
			195.3458	139.87	0.00	0.00	0.000	0.000	0.000
PH1	D5	FPY	0.0000	-2.13	0.00	0.00	0.000	0.000	0.000
			97.6729	-2.13	0.00	0.00	0.000	0.000	0.000
			195.3458	-2.13	0.00	0.00	0.000	0.000	0.000
PH1	D6	DEAD	0.0000	1.09	0.00	0.00	0.000	0.000	0.000
			97.6729	1.33	0.22	0.00	0.000	0.000	-10.695
			195.3458	1.57	0.44	0.00	0.000	0.000	-42.780
PH1	D6	LIVE	0.0000	1.65	0.00	0.00	0.000	0.000	0.000
			97.6729	1.65	0.00	0.00	0.000	0.000	0.000
			195.3458	1.65	0.00	0.00	0.000	0.000	0.000
PH1	D6	FPX	0.0000	10.20	0.00	0.00	0.000	0.000	0.000
			97.6729	10.20	0.00	0.00	0.000	0.000	0.000
			195.3458	10.20	0.00	0.00	0.000	0.000	0.000
PH1	D6	FPY	0.0000	-197.14	0.00	0.00	0.000	0.000	0.000
			97.6729	-197.14	0.00	0.00	0.000	0.000	0.000
			195.3458	-197.14	0.00	0.00	0.000	0.000	0.000
PH1	D9	DEAD	0.0000	-0.96	0.00	0.00	0.000	0.000	0.000
			97.6729	-0.72	0.22	0.00	0.000	0.000	-10.695
			195.3458	-0.48	0.44	0.00	0.000	0.000	-42.780
PH1	D9	LIVE	0.0000	-1.81	0.00	0.00	0.000	0.000	0.000
			97.6729	-1.81	0.00	0.00	0.000	0.000	0.000
			195.3458	-1.81	0.00	0.00	0.000	0.000	0.000
PH1	D9	FPX	0.0000	-9.00	0.00	0.00	0.000	0.000	0.000
			97.6729	-9.00	0.00	0.00	0.000	0.000	0.000
			195.3458	-9.00	0.00	0.00	0.000	0.000	0.000
PH1	D9	FPY	0.0000	-199.36	0.00	0.00	0.000	0.000	0.000
			97.6729	-199.36	0.00	0.00	0.000	0.000	0.000
			195.3458	-199.36	0.00	0.00	0.000	0.000	0.000

B R A C E F O R C E S

STORY	BRACE	LOAD	LOC	P	V2	V3	T	M2	M3
PH1	D13	DEAD	0.0000	-3.54	0.00	0.00	0.000	0.000	0.000
			97.6729	-3.34	0.18	0.00	0.000	0.000	-8.903
			195.3458	-3.14	0.36	0.00	0.000	0.000	-35.613
PH1	D13	LIVE	0.0000	-3.47	0.00	0.00	0.000	0.000	0.000
			97.6729	-3.47	0.00	0.00	0.000	0.000	0.000
			195.3458	-3.47	0.00	0.00	0.000	0.000	0.000
PH1	D13	FPX	0.0000	-122.63	0.00	0.00	0.000	0.000	0.000
			97.6729	-122.63	0.00	0.00	0.000	0.000	0.000
			195.3458	-122.63	0.00	0.00	0.000	0.000	0.000
PH1	D13	FPY	0.0000	-12.71	0.00	0.00	0.000	0.000	0.000
			97.6729	-12.71	0.00	0.00	0.000	0.000	0.000
			195.3458	-12.71	0.00	0.00	0.000	0.000	0.000

J.5: Reaction File

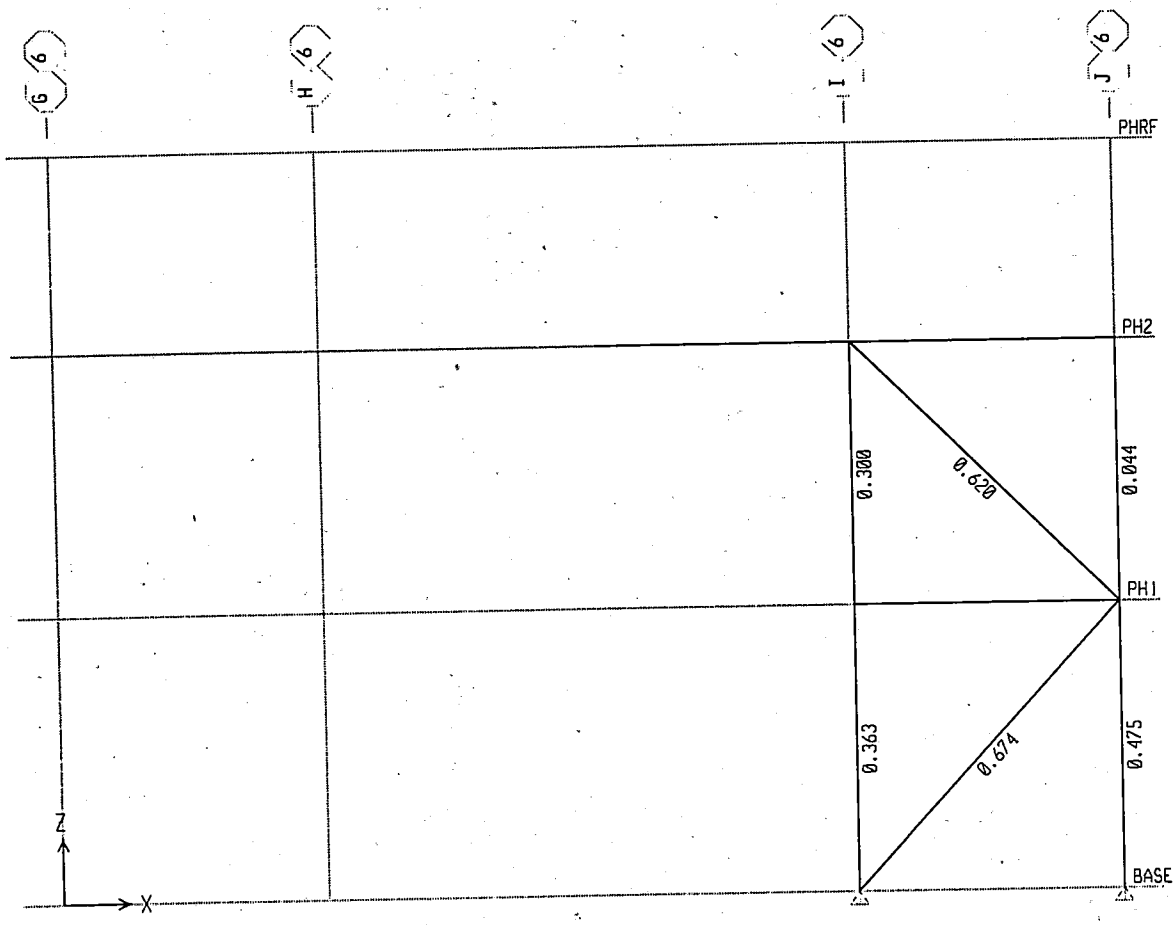
L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
FPX	ADD	FPXPERF	Static	1.0000
		FPXPER2	Static	1.0000
		FPXPER1	Static	1.0000
FPY	ADD	FPYPERF	Static	1.0000
		FPYPER2	Static	1.0000
		FPYPER1	Static	1.0000

S U P P O R T R E A C T I O N S

STORY	POINT	LOAD	FX	FY	FZ	MX	MY	MZ
BASE	8	DEAD	-1.44	0.03	21.73	0.000	0.000	0.000
BASE	8	LIVE	-0.58	0.18	18.87	0.000	0.000	0.000
BASE	8	FPX	-91.66	-0.09	-140.00	0.000	0.000	0.000
BASE	8	FPY	6.73	0.03	2.03	0.000	0.000	0.000
BASE	9	DEAD	-0.03	0.03	10.22	0.000	0.000	0.000
BASE	9	LIVE	-0.06	0.13	10.98	0.000	0.000	0.000
BASE	9	FPX	0.00	-0.06	140.00	0.000	0.000	0.000
BASE	9	FPY	0.02	0.03	-2.03	0.000	0.000	0.000
BASE	12	DEAD	3.39	-0.02	14.05	0.000	0.000	0.000
BASE	12	LIVE	2.98	0.00	10.13	0.000	0.000	0.000
BASE	12	FPX	-94.53	-0.14	-145.56	0.000	0.000	0.000
BASE	12	FPY	1.49	0.16	-191.22	0.000	0.000	0.000
BASE	13	DEAD	0.05	-0.06	21.51	0.000	0.000	0.000
BASE	13	LIVE	0.08	0.00	19.78	0.000	0.000	0.000
BASE	13	FPX	0.00	-0.12	146.59	0.000	0.000	0.000
BASE	13	FPY	0.04	0.05	-32.06	0.000	0.000	0.000
BASE	18	DEAD	-0.05	-0.01	12.00	0.000	0.000	0.000
BASE	18	LIVE	-0.31	-0.06	11.76	0.000	0.000	0.000
BASE	18	FPX	-0.02	-0.07	-1.05	0.000	0.000	0.000
BASE	18	FPY	0.03	0.08	-203.27	0.000	0.000	0.000
BASE	19	DEAD	0.00	0.74	3.65	0.000	0.000	0.000
BASE	19	LIVE	0.00	1.12	1.84	0.000	0.000	0.000
BASE	19	FPX	0.14	6.86	-143.67	0.000	0.000	0.000
BASE	19	FPY	0.10	-133.18	189.68	0.000	0.000	0.000
BASE	20	DEAD	-2.35	0.01	18.38	0.000	0.000	0.000
BASE	20	LIVE	-2.25	0.01	20.36	0.000	0.000	0.000
BASE	20	FPX	-82.86	-0.11	142.63	0.000	0.000	0.000
BASE	20	FPY	-8.57	0.04	34.51	0.000	0.000	0.000
Summation	0, 0, Base	DEAD	-0.43	0.73	101.45	144930.760	-135871.813	1363.470
Summation	0, 0, Base	LIVE	-0.11	1.37	93.72	134029.922	-126644.446	1889.297
Summation	0, 0, Base	FPX	-268.93	6.26	-1.05	-1701.124	-54956.856	192199.442
Summation	0, 0, Base	FPY	-0.16	-132.78	-202.38	-270529.875	127355.061	-141309.462

K: Elevator Machine Room Braced Frame Design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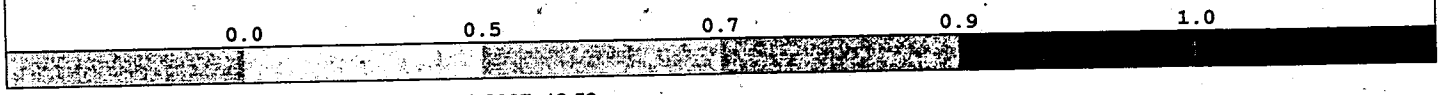
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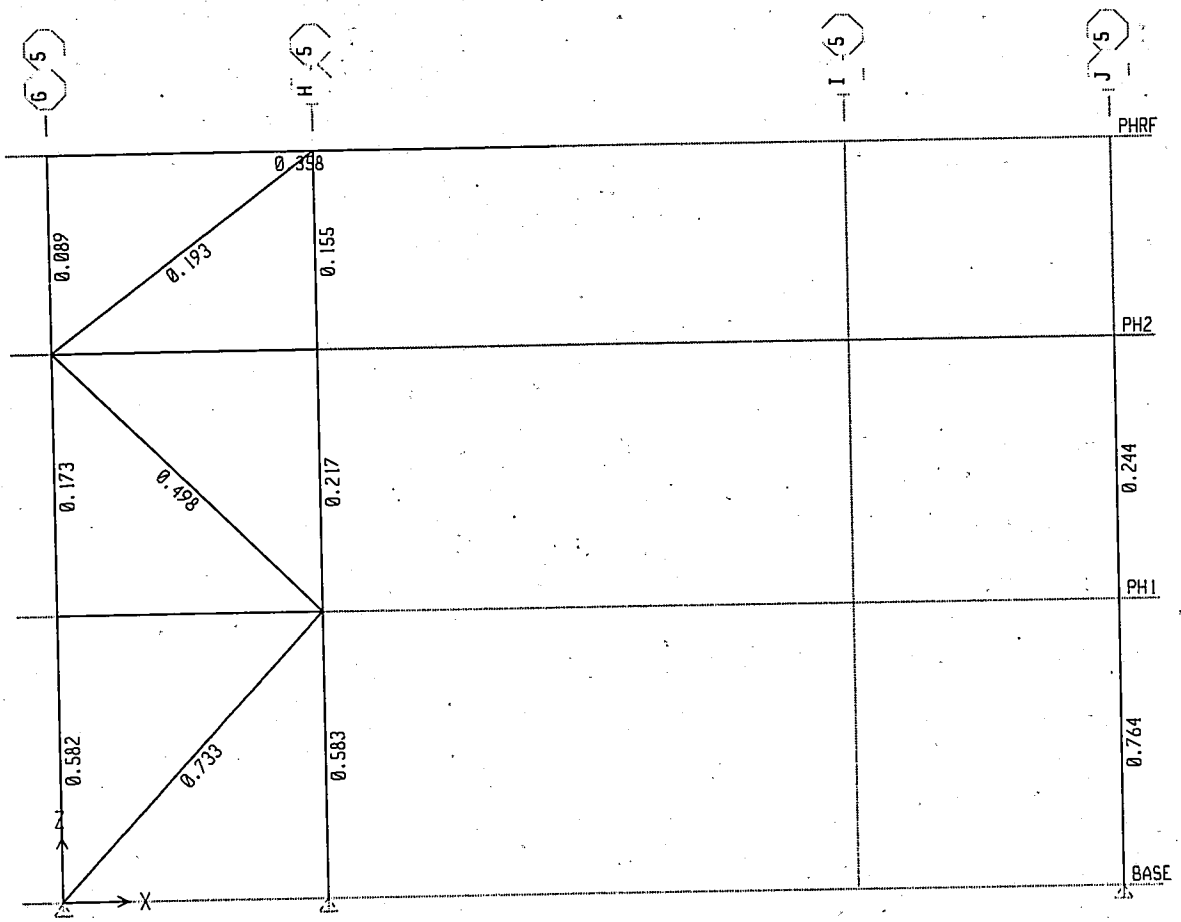

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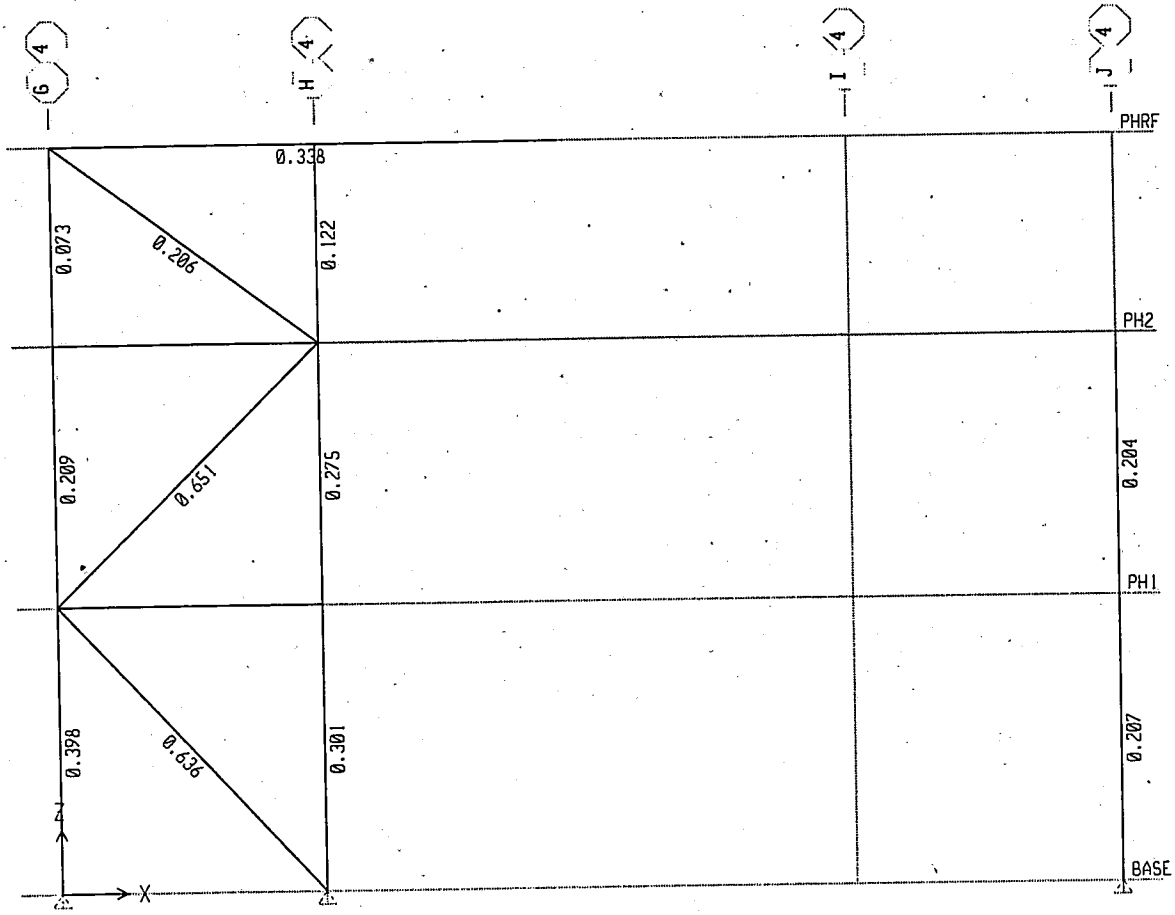
ETABS v9.1.3 - File: HOJ-Penthouse - April 18,2007 19:59
Elevation View - 5 Steel P-M Interaction Ratios (UBC97-ASD) - Kip-in Units



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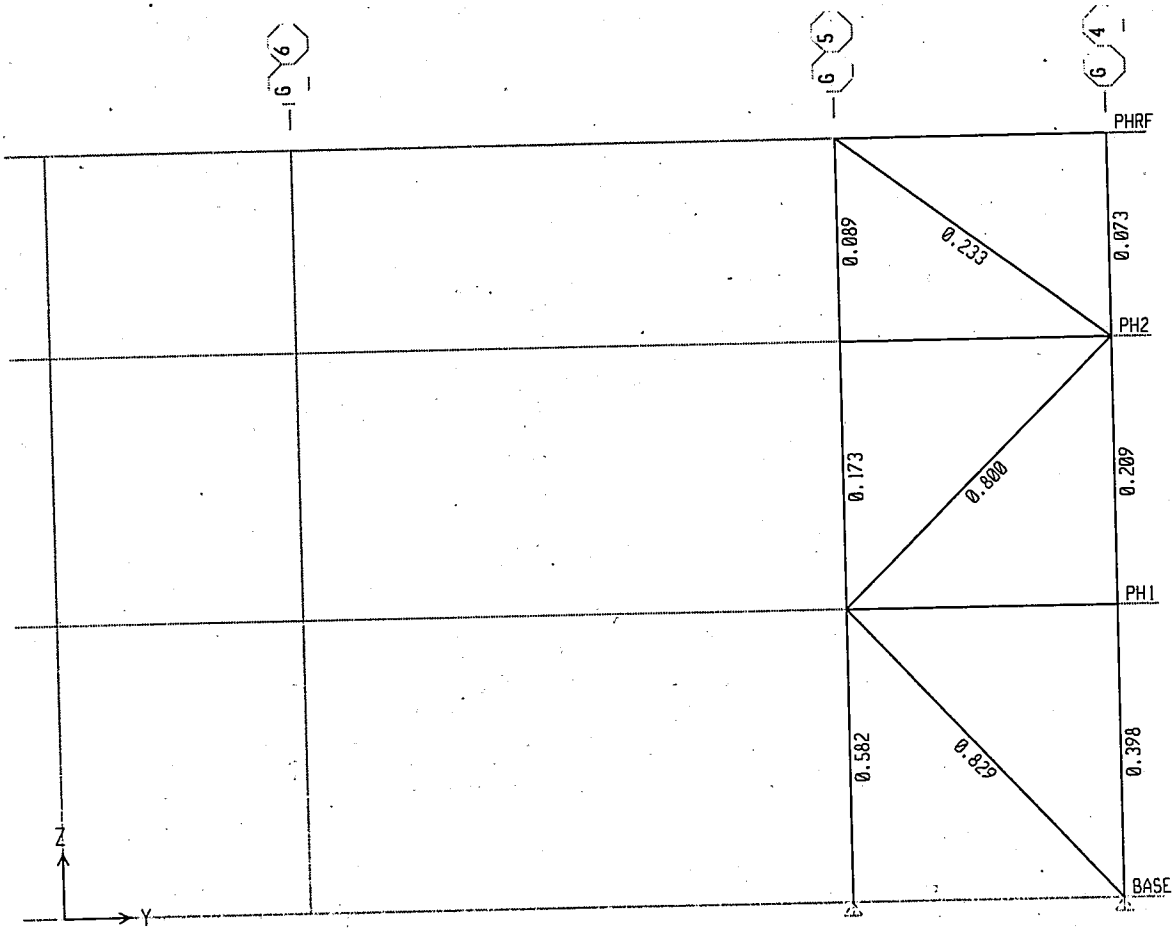
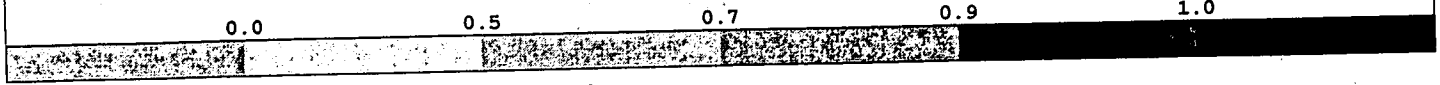
Elevation View - 4 Steel P-M Interaction Ratios (UBC97-ASD) - Kip-in Units

ETABS





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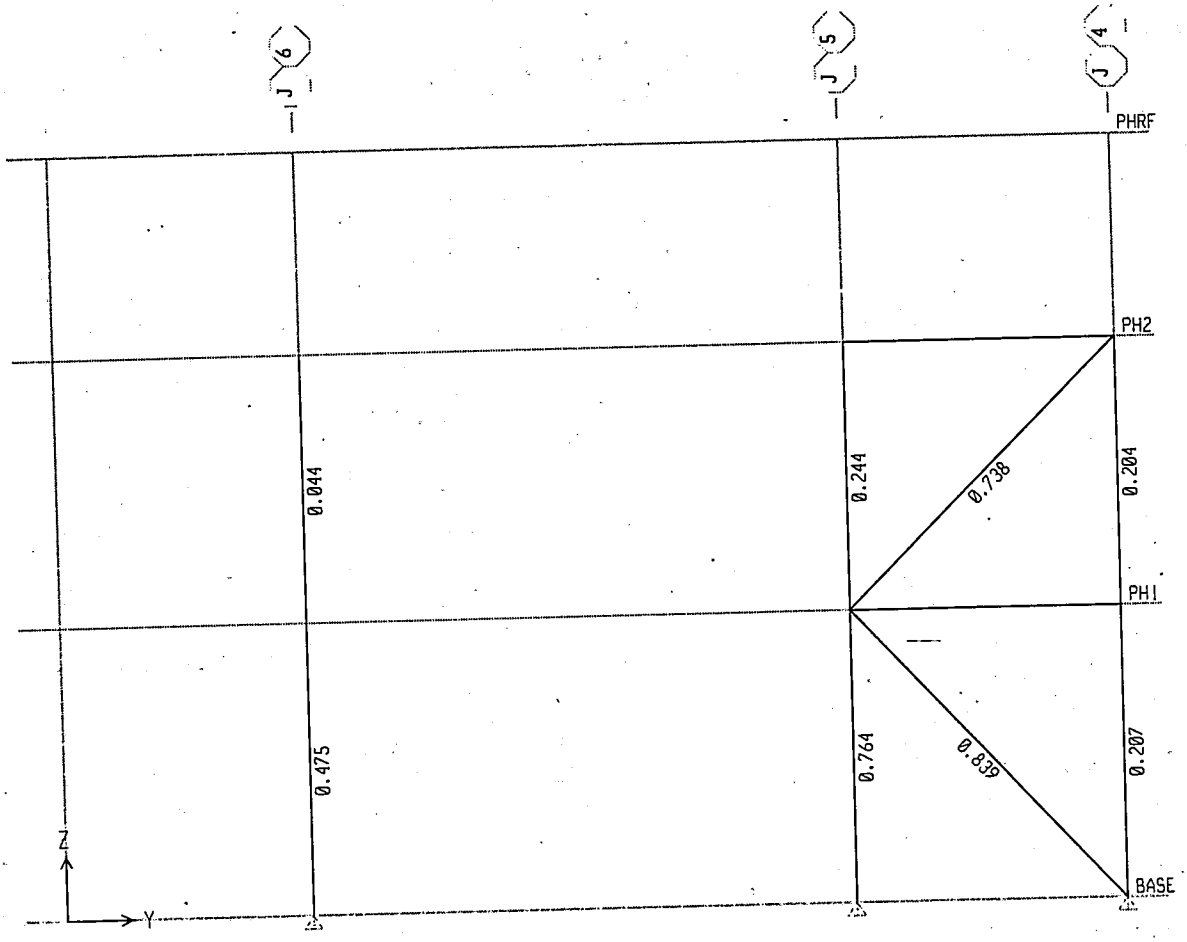
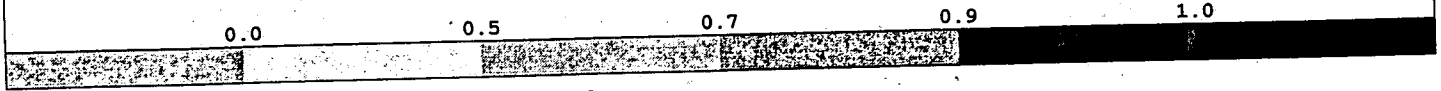
Elevation View - G Steel P-M Interaction Ratios (UBC97-ASD) - Kip-in Units

ETABS





ETABS v9.1.3 - File: HOJ-Penthouse - April 18,2007 19:59
Elevation View - J Steel P-M Interaction Ratios (UBC97-ASD) - Kip-in Units

MATERIAL PROPERTY DATA

MATERIAL NAME	MATERIAL TYPE	DESIGN TYPE	MATERIAL DIR/PLANE	MODULUS OF ELASTICITY	POISSON'S RATIO	THERMAL COEFF	SHEAR MODULUS
STEEL	Iso	Steel	All	29000.000	0.3000	6.5000E-06	11153.846
HSSSTEEL	Iso	Steel	All	29000.000	0.3000	5.5000E-06	11153.846

MATERIAL PROPERTY MASS AND WEIGHT

MATERIAL NAME	MASS PER UNIT VOL	WEIGHT PER UNIT VOL
STEEL	7.3400E-07	2.8360E-04
HSSSTEEL	7.3400E-07	2.8360E-04

MATERIAL DESIGN DATA FOR STEEL MATERIALS

MATERIAL NAME	STEEL FY	STEEL FU	STEEL COST ($)
STEEL	50.000	65.000	1.00
HSSSTEEL	46.000	58.000	1.00

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	MATERIAL NAME	SECTION SHAPE NAME OR NAME IN SECTION DATABASE FILE	CONC COL	CONC BEAM
W10X33	STEEL	W10X33		
W16X26	STEEL	W16X26		
HSS5X5X.375	HSSSTEEL	HSS5X5X.375		
HSS6X6X.500	HSSSTEEL	HSS6X6X.500		
HSS6X6X.625	HSSSTEEL	HSS6X6X.625		

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION DEPTH	FLANGE WIDTH TOP	FLANGE THICK TOP	WEB THICK	FLANGE WIDTH BOT	FLANGE THICK BOT
W10X33	9.7300	7.9600	0.4350	0.2900	7.9600	0.4350
W16X26	15.7000	5.5000	0.3450	0.2500	5.5000	0.3450
HSS5X5X.375	5.0000	5.0000	0.3490	0.3490	0.0000	0.0000
HSS6X6X.500	6.0000	6.0000	0.4650	0.4650	0.0000	0.0000
HSS6X6X.625	6.0000	6.0000	0.5810	0.5810	0.0000	0.0000

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION AREA	TORSIONAL CONSTANT	MOMENTS OF INERTIA I33	MOMENTS OF INERTIA I22	SHEAR AREAS A2	SHEAR AREAS A3
W10X33	9.7100	0.5830	171.0000	36.6000	2.8217	5.7710
W16X26	7.6800	0.2620	301.0000	9.5900	3.9250	3.1625
HSS5X5X.375	6.1800	36.1000	21.7000	21.7000	3.4900	3.4900
HSS6X6X.500	9.7400	81.1000	48.3000	48.3000	5.5800	5.5800
HSS6X6X.625	11.7000	94.9000	55.2000	55.2000	6.9720	6.9720

FRAME SECTION PROPERTY DATA

FRAME SECTION NAME	SECTION MODULI S33	SECTION MODULI S22	PLASTIC MODULI Z33	PLASTIC MODULI Z22	RADIUS OF GYRATION R33	RADIUS OF GYRATION R22
W10X33	35.1490	9.1960	38.8000	14.0000	4.1965	1.9415
W16X26	38.3439	3.4873	44.2000	5.4800	6.2604	1.1175
HSS5X5X.375	8.6800	8.6800	10.6000	10.6000	1.8739	1.8739
HSS6X6X.500	16.1000	16.1000	19.8000	19.8000	2.2269	2.2269
HSS6X6X.625	18.4000	18.4000	23.2000	23.2000	2.1721	2.1721

L O A D I N G C O M B I N A T I O N S

COMBO	COMBO TYPE	CASE	CASE TYPE	SCALE FACTOR
ASD1	ABS	DEAD	Static	0.7500
		LIVE	Static	0.7500
		FPX	Combo	0.5400
ASD2	ABS	DEAD	Static	0.7500
		LIVE	Static	0.7500
		FPY	Combo	0.5400

S T E E L C O D E P R E F E R E N C E S

Steel Design Code	: UBC97-ASD
Time History Type	: Envelopes
Frame Type	: Braced Frame
Seismic zone	: Zone 4
Consider Deflection?	: No
Deflection Check Type	: Both
DL Limit, L /	: 120
Super DL+LL Limit, L /	: 360
Live Load Limit, L /	: 360
Total Load Limit, L /	: 240
Total--Camber Limit, L/	: 240
DL Limit, abs	: 1
Super DL+LL Limit, abs	: 1
Live Load Limit, abs	: 1
Total Load Limit, abs	: 1
Total--Camber Limit, abs	: 1
Pattern Live Load Factor	: 1
Stress Ratio Limit	: 1
Maximum Auto Iteration	: 1

COLUMN STEEL STRESS CHECK ELEMENT INFORMATION (UBC97-ASD)

STORY LEVEL	COLUMN LINE	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
PH2	C3	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C3	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000
PH2	C4	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C4	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000
PHRF	C5	W10X33	BRACED	1.000	0.843	0.843	1.000	1.000
PH2	C5	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C5	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000
PHRF	C6	W10X33	BRACED	1.000	0.843	0.843	1.000	1.000
PH2	C6	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C6	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000
PH2	C7	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH2	C8	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C8	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000
PHRF	C9	W10X33	BRACED	1.000	0.843	0.843	1.000	1.000
PH2	C9	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C9	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000
PHRF	C10	W10X33	BRACED	1.000	0.843	0.843	1.000	1.000
PH2	C10	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C10	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000
PH2	C11	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH2	C12	W10X33	BRACED	1.000	0.881	0.881	1.000	1.000
PH1	C12	W10X33	BRACED	1.000	0.891	0.891	1.000	1.000

BEAM STEEL STRESS CHECK ELEMENT INFORMATION (UBC97-ASD)

STORY LEVEL	BEAM BAY	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
PHRF	B33	W16X26	BRACED	1.000	0.508	0.508	1.000	1.000
PHRF	B34	W16X26	BRACED	1.000	0.505	0.505	1.000	1.000

BRACE STEEL STRESS CHECK ELEMENT INFORMATION (UBC97-ASD)

STORY LEVEL	BRACE BAY	SECTION ID	FRAMING TYPE	RLLF FACTOR	L_RATIO MAJOR	L_RATIO MINOR	K MAJOR	K MINOR
PH2	D1	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PH1	D2	HSS6X6X.500	BRACED	1.000	1.000	1.000	1.000	1.000
PH2	D3	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PHRF	D5	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PH1	D5	HSS6X6X.500	BRACED	1.000	1.000	1.000	1.000	1.000
PHRF	D6	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PH1	D6	HSS6X6X.625	BRACED	1.000	1.000	1.000	1.000	1.000
PH2	D8	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PH1	D9	HSS6X6X.625	BRACED	1.000	1.000	1.000	1.000	1.000
PH2	D10	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PH2	D11	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PHRF	D13	HSS5X5X.375	BRACED	1.000	1.000	1.000	1.000	1.000
PH1	D13	HSS6X6X.500	BRACED	1.000	1.000	1.000	1.000	1.000

COLUMN STEEL STRESS CHECK OUTPUT (UBC97-ASD)

STORY LEVEL	COLUMN LINE	SECTION ID	MOMENT INTERACTION CHECK COMBO	RATIO	= AXL +	B33 +	B22	SHEAR22 COMBO	SHEAR22 RATIO	SHEAR33 COMBO	SHEAR33 RATIO
PH2	C3	W10X33	ASD1(C)	0.300	= 0.145	+ 0.027	+ 0.128	ASD1	0.011	ASD1	0.005
PH1	C3	W10X33	ASD1(C)	0.363	= 0.254	+ 0.022	+ 0.086	ASD1	0.004	ASD2	0.002
PH2	C4	W10X33	ASD2(C)	0.044	= 0.004	+ 0.027	+ 0.013	ASD1	0.007	ASD2	0.001
PH1	C4	W10X33	ASD1(C)	0.475	= 0.434	+ 0.017	+ 0.024	ASD1	0.003	ASD2	0.001
PHRF	C5	W10X33	ASD2(C)	0.089	= 0.041	+ 0.034	+ 0.014	ASD2	0.008	ASD2	0.001
PH2	C5	W10X33	ASD1(C)	0.173	= 0.139	+ 0.018	+ 0.016	ASD2	0.007	ASD2	0.001
PH1	C5	W10X33	ASD2(C)	0.582	= 0.554	+ 0.012	+ 0.016	ASD2	0.002	ASD2	0.000
PHRF	C6	W10X33	ASD2(C)	0.155	= 0.060	+ 0.013	+ 0.081	ASD2	0.012	ASD2	0.004
PH2	C6	W10X33	ASD2(C)	0.217	= 0.128	+ 0.016	+ 0.073	ASD2	0.007	ASD2	0.002
PH1	C6	W10X33	ASD1(C)	0.583	= 0.523	+ 0.012	+ 0.048	ASD1	0.002	ASD2	0.001
PH2	C7	W10X33	ASD1(C)	0.127	= 0.075	+ 0.011	+ 0.042	ASD1	0.003	ASD2	0.002
PH2	C8	W10X33	ASD2(C)	0.244	= 0.028	+ 0.020	+ 0.196	ASD2	0.004	ASD2	0.008
PH1	C8	W10X33	ASD2(C)	0.764	= 0.606	+ 0.011	+ 0.147	ASD2	0.002	ASD2	0.002
PHRF	C9	W10X33	ASD2(C)	0.073	= 0.032	+ 0.011	+ 0.030	ASD1	0.006	ASD2	0.001
PH2	C9	W10X33	ASD2(C)	0.209	= 0.179	+ 0.011	+ 0.020	ASD1	0.006	ASD2	0.001
PH1	C9	W10X33	ASD1(C)	0.398	= 0.398	+ 0.000	+ 0.000	ASD1	0.001	ASD1	0.000
PHRF	C10	W10X33	ASD2(C)	0.122	= 0.029	+ 0.014	+ 0.078	ASD2	0.010	ASD2	0.003
PH2	C10	W10X33	ASD1(C)	0.275	= 0.201	+ 0.017	+ 0.057	ASD2	0.007	ASD1	0.002
PH1	C10	W10X33	ASD1(C)	0.301	= 0.251	+ 0.008	+ 0.042	ASD1	0.001	ASD2	0.001
PH2	C11	W10X33	ASD1(C)	0.105	= 0.033	+ 0.036	+ 0.036	ASD1	0.009	ASD2	0.002
PH2	C12	W10X33	ASD2(C)	0.204	= 0.147	+ 0.019	+ 0.038	ASD2	0.004	ASD1	0.002
PH1	C12	W10X33	ASD2(C)	0.207	= 0.175	+ 0.014	+ 0.018	ASD2	0.002	ASD1	0.000

COLUMN SPECIAL SEISMIC REQUIREMENTS (UBC97-ASD)

STORY LEVEL	COLUMN LINE	SECTION ID	SECTION CLASS	CONTN. PLATE COMBO	CONTN. PLATE AREA	DOUBLER PLATE COMBO	DOUBLER PLATE THICK	B/C RATIOS MAJOR	B/C RATIOS MINOR
PH2	C3	W10X33	Compact						
PH1	C3	W10X33	Compact						
PH2	C4	W10X33	Compact						
PH1	C4	W10X33	Compact						
PHRF	C5	W10X33	Compact						
PH2	C5	W10X33	Compact						
PH1	C5	W10X33	Compact						
PHRF	C6	W10X33	Compact						
PH2	C6	W10X33	Compact						
PH1	C6	W10X33	Compact						
PH2	C7	W10X33	Compact						
PH2	C8	W10X33	Compact						
PH1	C8	W10X33	Compact						
PHRF	C9	W10X33	Compact						
PH2	C9	W10X33	Compact						
PH1	C9	W10X33	Compact						
PHRF	C10	W10X33	Compact						
PH2	C10	W10X33	Compact						
PH1	C10	W10X33	Compact						
PH2	C11	W10X33	Compact						
PH2	C12	W10X33	Compact						
PH1	C12	W10X33	Compact						

BEAM STEEL STRESS CHECK OUTPUT (UBC97-ASD)

STORY LEVEL	BEAM BAY	SECTION ID	MOMENT INTERACTION CHECK COMBO	MOMENT INTERACTION CHECK RATIO = AXL + B33 + B22	SHEAR22 COMBO	SHEAR22 RATIO	SHEAR33 COMBO	SHEAR33 RATIO
PHRF	B33	W16X26	ASD2(C)	1 > 96ry 0.358 = 0.041 + 0.298 + 0.018	ASD2	0.039	ASD2	0.002
PHRF	B34	W16X26	ASD2(C)	1 > 96ry 0.338 = 0.025 + 0.295 + 0.018	ASD2	0.039	ASD2	0.002

B E A M S P E C I A L S E I S M I C R E Q U I R E M E N T S (UBC97-ASD)

STORY LEVEL	BEAM BAY	SECTION ID	SECTION CLASS	CONNECTION SHEAR COMBO END-I	COMBO END-J
PHRF	B33	W16X26	Compact	ASD2 5.306E-01	
PHRF	B34	W16X26	Compact	ASD2 5.428E-01	

B R A C E S T E E L S T R E S S C H E C K O U T P U T (UBC97-ASD)

STORY LEVEL	BRACE BAY	SECTION ID	MOMENT INTERACTION CHECK COMBO	RATIO	= AXL +	B33 +	B22	SHEAR22 COMBO	RATIO	SHEAR33 COMBO	RATIO
PH2	D1	HSS5X5X.375	ASD1 (C)	0.620	= 0.593 +	0.028 +	0.000	ASD2	0.001	ASD2	0.000
PH1	D2	HSS6X6X.500	ASD1 (C)	0.674	= 0.649 +	0.025 +	0.000	ASD2	0.001	ASD2	0.000
PH2	D3	HSS5X5X.375	ASD1 (C)	0.498	= 0.474 +	0.025 +	0.000	ASD2	0.001	ASD2	0.000
PHRF	D5	HSS5X5X.375	ASD2 (C)	0.193	= 0.176 +	0.017 +	0.000	ASD2	0.001	ASD2	0.000
PH1	D5	HSS6X6X.500	ASD1 (C)	0.733	= 0.707 +	0.027 +	0.000	ASD2	0.001	ASD2	0.000
PHRF	D6	HSS5X5X.375	ASD2 (C)	0.233	= 0.216 +	0.017 +	0.000	ASD2	0.001	ASD2	0.000
PH1	D6	HSS6X6X.625	ASD2 (C)	0.829	= 0.798 +	0.032 +	0.000	ASD2	0.001	ASD2	0.000
PH2	D8	HSS5X5X.375	ASD2 (C)	0.800	= 0.765 +	0.034 +	0.000	ASD2	0.001	ASD2	0.000
PH1	D9	HSS6X6X.625	ASD2 (C)	0.839	= 0.807 +	0.032 +	0.000	ASD2	0.001	ASD2	0.000
PH2	D10	HSS5X5X.375	ASD2 (C)	0.738	= 0.706 +	0.032 +	0.000	ASD2	0.001	ASD2	0.000
PH2	D11	HSS5X5X.375	ASD1 (C)	0.651	= 0.622 +	0.029 +	0.000	ASD2	0.001	ASD2	0.000
PHRF	D13	HSS5X5X.375	ASD2 (C)	0.206	= 0.189 +	0.017 +	0.000	ASD2	0.001	ASD2	0.000
PH1	D13	HSS6X6X.500	ASD1 (C)	0.636	= 0.612 +	0.024 +	0.000				

B R A C E S P E C I A L S E I S M I C R E Q U I R E M E N T S (UBC97-ASD)

STORY LEVEL	BRACE BAY	SECTION ID	SECTION CLASS	/----------CONNECTION FORCE---------/ COMBO END-I	END-I	COMBO END-J	END-J
PH2	D1	HSS5X5X.375	Seismic	ASD2	-64.73	ASD2	-64.50
PH1	D2	HSS6X6X.500	Seismic	ASD2	138.89	ASD2	139.29
PH2	D3	HSS5X5X.375	Seismic	ASD2	52.80	ASD2	53.03
PHRF	D5	HSS5X5X.375	Seismic	ASD2	-23.56	ASD2	23.43
PH1	D5	HSS6X6X.500	Seismic	ASD2	-149.50	ASD2	-149.11
PHRF	D6	HSS5X5X.375	Seismic	ASD2	-29.34	ASD2	-29.17
PH1	D6	HSS6X6X.625	Seismic	ASD2	199.64	ASD2	200.12
PH2	D8	HSS5X5X.375	Seismic	ASD2	-86.91	ASD2	86.81
PH1	D9	HSS6X6X.625	Seismic	ASD2	-202.37	ASD2	-201.89
PH2	D10	HSS5X5X.375	Seismic	ASD2	-80.35	ASD2	-80.11
PH2	D11	HSS5X5X.375	Seismic	ASD2	-68.74	ASD2	-68.51
PHRF	D13	HSS5X5X.375	Seismic	ASD2	-25.21	ASD2	-25.04
PH1	D13	HSS6X6X.500	Seismic	ASD2	-129.84	ASD2	-129.44

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: C5 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=100.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.089 = 0.041 + 0.034 + 0.014

STRESS CHECK FORCES & MOMENTS

Combo	P	M33	M22	V2	V3
ASD2	-10.208	38.971	4.886	0.444	0.059

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	1.051	25.343	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	1.109	33.000	370.061	0.850	1.000	0.843	1.959
Minor Bending	0.531	37.500	79.206	0.850	1.000	0.843	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.157	20.000	0.008
Minor Shear	0.010	20.000	0.001

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: C6 Station Loc: 84.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=100.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.155 = 0.060 + 0.013 + 0.081

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-14.883	-15.313	-27.908	-0.649	-0.473

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	1.533	25.343	30.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.436	33.000	370.061	0.850	1.000	0.843	2.131
Minor Bending	3.035	37.500	79.206	0.850	1.000	0.843	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.230	20.000	0.012
Minor Shear	0.082	20.000	0.004

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: C9 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=100.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.073 = 0.032 + 0.011 + 0.030

STRESS CHECK FORCES & MOMENTS

Combo	P	M33	M22	V2	V3
ASD2	-7.927	12.641	10.240	0.155	0.147

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	0.816	25.343	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.360	33.000	370.061	0.850	1.000	0.843	1.998
Minor Bending	1.114	37.500	79.206	0.850	1.000	0.843	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.055	20.000	0.003
Minor Shear	0.025	20.000	0.001

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: C10 Station Loc: 84.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=100.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is: 0.122 = 0.029 + 0.014 + 0.078

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-7.172	-16.370	-27.015	-0.561	-0.397

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	0.739	25.343	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.466	33.000	370.061	0.850	1.000	0.843	2.269
Minor Bending	2.938	37.500	79.206	0.850	1.000	0.843	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.199	20.000	0.010
Minor Shear	0.069	20.000	0.003

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C3 Station Loc: 116.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.300 = 0.145 + 0.027 + 0.128

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-32.079	-28.005	-44.230	-0.611	-0.550

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	3.304	22.734	30.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.797	30.000	194.432	0.850	1.000	0.881	2.300
Minor Bending	4.810	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.217	20.000	0.011
Minor Shear	0.095	20.000	0.005

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C4 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.044 = 0.004 + 0.027 + 0.013

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-0.880	28.406	4.551	0.350	0.067

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	0.091	22.734	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.808	30.000	194.432	0.850	1.000	0.881	2.285
Minor Bending	0.495	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.124	20.000	0.006
Minor Shear	0.012	20.000	0.001

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C5 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.173 = 0.139 + 0.018 + 0.016

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-30.704	18.689	5.535	0.165	0.101

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	3.162	22.734	30.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.532	30.000	194.432	0.850	1.000	0.881	2.024
Minor Bending	0.602	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.058	20.000	0.003
Minor Shear	0.017	20.000	0.001

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C6 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.217 = 0.128 + 0.016 + 0.073

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-28.226	16.760	25.286	0.372	0.288

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	2.907	22.734	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.477	30.000	194.432	0.850	1.000	0.881	2.300
Minor Bending	2.750	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.132	20.000	0.007
Minor Shear	0.050	20.000	0.002

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C7 Station Loc: 116.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.127 = 0.075 + 0.011 + 0.042

STRESS CHECK FORCES & MOMENTS

Combo		P	M33	M22	V2	V3
Combo	ASD1	-16.511	-11.141	-14.517	-0.144	-0.230

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	1.700	22.734	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.317	30.000	194.432	0.850	1.000	0.881	2.300
Minor Bending	1.579	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.051	20.000	0.003
Minor Shear	0.040	20.000	0.002

ETABS Steel Design

Engineer_____
Project_____
Subject_____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C8 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.244 = 0.028 + 0.020 + 0.196

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-6.156	20.820	67.670	0.238	0.883

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	0.634	22.734	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.592	30.000	194.432	0.850	1.000	0.881	2.217
Minor Bending	7.359	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.084	20.000	0.004
Minor Shear	0.153	20.000	0.008

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C9 Station Loc: 116.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.209 = 0.179 + 0.011 + 0.020

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-39.519	-12.791	-7.218	-0.175	-0.096

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	4.070	22.734	30.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.364	30.000	194.432	0.850	1.000	0.881	2.300
Minor Bending	0.785	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.062	20.000	0.003
Minor Shear	0.017	20.000	0.001

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C10 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.275 = 0.201 + 0.017 + 0.057

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-44.480	20.102	20.536	0.265	0.217

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

		fa	Fa	Ft
		Stress	Allowable	Allowable
Axial		4.581	22.734	30.000

		fb	Fb	Fe	Cm	K	L	Cb
		Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major	Bending	0.572	30.000	194.432	0.850	1.000	0.881	2.300
Minor	Bending	2.233	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

		fv	FV	Stress
		Stress	Allowable	Ratio
Major	Shear	0.094	20.000	0.005
Minor	Shear	0.038	20.000	0.002

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C11 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.105 = 0.033 + 0.036 + 0.036

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-7.345	38.161	12.329	0.512	0.200

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	0.756	22.734	30.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	1.086	30.000	194.432	0.850	1.000	0.881	2.300
Minor Bending	1.341	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.181	20.000	0.009
Minor Shear	0.035	20.000	0.002

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: C12 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=132.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.204 = 0.147 + 0.019 + 0.038

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-32.524	20.297	13.010	0.232	0.169

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	3.350	22.734	30.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.577	30.000	194.432	0.850	1.000	0.881	2.263
Minor Bending	1.415	37.500	41.615	0.850	1.000	0.881	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.082	20.000	0.004
Minor Shear	0.029	20.000	0.001

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C3 Station Loc: 128.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.363 = 0.254 + 0.022 + 0.086

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-53.474	-26.406	-29.439	-0.206	-0.229

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	5.507	21.652	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.751	30.000	159.762	0.850	1.000	0.891	1.750
Minor Bending	3.201	37.500	34.195	0.850	1.000	0.891	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.073	20.000	0.004
Minor Shear	0.040	20.000	0.002

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C4 Station Loc: 128.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.475 = 0.434 + 0.017 + 0.024

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-91.233	-20.201	-7.108	-0.157	-0.055

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	9.396	21.652	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.575	30.000	159.762	0.850	1.000	0.891	1.750
Minor Bending	0.773	37.500	34.195	0.850	1.000	0.891	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.056	20.000	0.003
Minor Shear	0.010	20.000	0.000

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C5 Station Loc: 128.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.582 = 0.554 + 0.012 + 0.016

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-116.564	-13.600	-4.226	-0.106	-0.033

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	12.005	21.652	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.387	30.000	159.762	0.850	1.000	0.891	1.750
Minor Bending	0.460	37.500	34.195	0.850	1.000	0.891	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.038	20.000	0.002
Minor Shear	0.006	20.000	0.000

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C6 Station Loc: 128.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.583 = 0.523 + 0.012 + 0.048

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-109.866	-14.132	-12.965	-0.110	-0.101

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	11.315	21.652	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.402	30.000	159.762	0.850	1.000	0.891	1.750
Minor Bending	1.410	37.500	34.195	0.850	1.000	0.891	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.039	20.000	0.002
Minor Shear	0.018	20.000	0.001

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C8 Station Loc: 128.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.764 = 0.606 + 0.011 + 0.147

STRESS CHECK FORCES & MOMENTS

Combo		P	M33	M22	V2	V3
Combo	ASD2	-127.325	-12.295	-36.797	-0.096	-0.287

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	13.113	21.652	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.350	30.000	159.762	0.850	1.000	0.891	1.750
Minor Bending	4.001	37.500	34.195	0.850	1.000	0.891	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.034	20.000	0.002
Minor Shear	0.050	20.000	0.002

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C9 Station Loc: 0.000 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.398 = 0.398 + 0.000 + 0.000

STRESS CHECK FORCES & MOMENTS (SPECIAL COMBO)

		P	M33	M22	V2	V3
Combo	ASD1	-142.415	0.000	0.000	0.080	0.026

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	14.667	36.808	50.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.000	30.000	159.762	1.000	1.000	0.891	1.750
Minor Bending	0.000	37.500	34.195	1.000	1.000	0.891	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.028	20.000	0.001
Minor Shear	0.005	20.000	0.000

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C10 Station Loc: 128.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.301 = 0.251 + 0.008 + 0.042

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-52.855	-9.104	-14.184	-0.071	-0.111

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	5.443	21.652	30.000

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.259	30.000	159.762	0.850	1.000	0.891	1.750
Minor Bending	1.542	37.500	34.195	0.850	1.000	0.891	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.025	20.000	0.001
Minor Shear	0.019	20.000	0.001

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: C12 Station Loc: 128.300 Section ID: W10X33
Element Type: Braced Frame Classification: Compact

L=144.000
A=9.710 i22=36.600 i33=171.000
s22=9.196 s33=35.149 r22=1.941 r33=4.197
E=29000.000 fy=50.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.207 = 0.175 + 0.014 + 0.018

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-36.698	-17.145	-6.611	-0.134	-0.052

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	3.779	21.652	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.488	30.000	159.762	0.850	1.000	0.891	1.750
Minor Bending	0.719	37.500	34.195	0.850	1.000	0.891	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.047	20.000	0.002
Minor Shear	0.009	20.000	0.000

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: B33 Station Loc: 132.000 Section ID: W16X26
Element Type: Braced Frame Classification: Compact

L=252.000
A=7.680 i22=9.590 i33=301.000
s22=3.487 s33=38.344 r22=1.117 r33=6.260
E=29000.000 fy=50.000
RLLF=1.000

Stress Check Message - l > 96ry

P-M33-M22 Demand/Capacity Ratio is 0.358 = 0.041 + 0.298 + 0.018

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-3.580	-219.816	-2.387	-2.761	-0.119

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	0.466	11.378	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	5.733	19.218	357.109	0.850	1.000	0.508	1.000
Minor Bending	0.685	37.500	11.378	0.850	1.000	0.508	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.703	17.892	0.039
Minor Shear	0.038	20.000	0.002

END REACTION MAJOR SHEAR FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
0.531	ASD2		

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: B34 Station Loc: 132.000 Section ID: W16X26
Element Type: Braced Frame Classification: Compact

L=252.000
A=7.680 i22=9.590 i33=301.000
s22=3.487 s33=38.344 r22=1.117 r33=6.260
E=29000.000 fy=50.000
RLLF=1.000

Stress Check Message - l > 96ry

P-M33-M22 Demand/Capacity Ratio is 0.338 = 0.025 + 0.295 + 0.018

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-2.176	-219.816	-2.368	-2.761	-0.118

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-3)

	fa Stress	Fa Allowable	Ft Allowable
Axial	0.283	11.537	30.000

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	5.733	19.413	362.098	0.850	1.000	0.505	1.000
Minor Bending	0.679	37.500	11.537	0.850	1.000	0.505	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.703	17.892	0.039
Minor Shear	0.037	20.000	0.002

END REACTION MAJOR SHEAR FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
0.543	ASD2		

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: D5 Station Loc: 82.801 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=165.602
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.193 = 0.176 + 0.017 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-12.968	-3.592	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	2.098	11.890	27.600

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.414	27.600	19.120	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	19.120	1.000	1.000	1.000	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-23.557	ASD2	23.433	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: D6 Station Loc: 82.801 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=165.602
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.233 = 0.216 + 0.017 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-15.848	-3.592	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	2.564	11.890	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.414	27.600	19.120	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	19.120	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-29.345	ASD2	-29.169	ASD2

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PHRF Element: D13 Station Loc: 82.801 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=165.602
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.206 = 0.189 + 0.017 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-13.884	-3.592	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	2.247	11.890	27.600

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.414	27.600	19.120	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	19.120	1.000	1.000	1.000	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-25.211	ASD2	-25.036	ASD2

ETABS Steel Design

Engineer_____
Project_____
Subject_____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: D1 Station Loc: 93.338 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=186.676
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.620 = 0.593 + 0.028 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-36.610	-4.049	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	5.924	9.997	27.600

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.466	27.600	15.047	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	15.047	1.000	1.000	1.000	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-64.728	ASD2	-64.497	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: D3 Station Loc: 93.338 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=186.676
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.498 = 0.474 + 0.025 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-29.275	-4.049	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	4.737	9.997	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.466	27.600	15.047	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	15.047	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

	Left End Reaction	Load Combo	Right End Reaction	Load Combo
	52.799	ASD2	53.030	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: D8 Station Loc: 93.338 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=186.676
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.800 = 0.765 + 0.034 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-47.285	-4.049	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	7.651	9.997	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.466	27.600	15.047	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	15.047	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-86.912	ASD2	86.807	ASD2

ETABS Steel Design

Engineer _____

Project _____

Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: D10 Station Loc: 93.338 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=186.676
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.738 = 0.706 + 0.032 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-43.630	-4.049	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	7.060	9.997	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.466	27.600	15.047	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	15.047	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-80.345	ASD2	-80.114	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH2 Element: D11 Station Loc: 93.338 Section ID: HSS5X5X.375
Element Type: Braced Frame Classification: Seismic

L=186.676
A=6.180 i22=21.700 i33=21.700
s22=8.680 s33=8.680 r22=1.874 r33=1.874
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.651 = 0.622 + 0.029 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-38.447	-4.049	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	6.221	9.997	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.466	27.600	15.047	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	15.047	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-68.738	ASD2	-68.507	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: D2 Station Loc: 97.673 Section ID: HSS6X6X.500
Element Type: Braced Frame Classification: Seismic

L=195.346
A=9.740 i22=48.300 i33=48.300
s22=16.100 s33=16.100 r22=2.227 r33=2.227
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.674 = 0.649 + 0.025 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-75.831	-6.678	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	7.786	12.000	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.415	27.600	19.406	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	19.406	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES :

Left End Reaction	Load Combo	Right End Reaction	Load Combo
138.894	ASD2	139.292	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: D5 Station Loc: 97.673 Section ID: HSS6X6X.500
Element Type: Braced Frame Classification: Seismic

L=195.346
A=9.740 i22=48.300 i33=48.300
s22=16.100 s33=16.100 r22=2.227 r33=2.227
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.733 = 0.707 + 0.027 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-82.605	-6.678	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	8.481	12.000	27.600

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.415	27.600	19.406	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	19.406	1.000	1.000	1.000	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-149.503	ASD2	-149.105	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: D6 Station Loc: 97.673 Section ID: HSS6X6X.625
Element Type: Braced Frame Classification: Seismic

L=195.346
A=11.700 i22=55.200 i33=55.200
s22=18.400 s33=18.400 r22=2.172 r33=2.172
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.829 = 0.798 + 0.032 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-108.510	-8.021	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa	Fa	Ft
	Stress	Allowable	Allowable
Axial	9.274	11.626	27.600

	fb	Fb	Fe	Cm	K	L	Cb
	Stress	Allowable	Allowable	Factor	Factor	Factor	Factor
Major Bending	0.436	27.600	18.463	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	18.463	1.000	1.000	1.000	

SHEAR DESIGN

	fv	FV	Stress
	Stress	Allowable	Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End	Load	Right End	Load
Reaction	Combo	Reaction	Combo
199.640	ASD2	200.118	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: D9 Station Loc: 97.673 Section ID: HSS6X6X.625
Element Type: Braced Frame Classification: Seismic

L=195.346
A=11.700 i22=55.200 i33=55.200
s22=18.400 s33=18.400 r22=2.172 r33=2.172
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.839 = 0.807 + 0.032 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD2	-109.730	-8.021	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	9.379	11.626	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.436	27.600	18.463	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	18.463	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-202.367	ASD2	-201.889	ASD2

ETABS Steel Design

Engineer _____
Project _____
Subject _____

UBC97-ASD STEEL SECTION CHECK Units: Kip-in (Summary for Combo and Station)
Level: PH1 Element: D13 Station Loc: 97.673 Section ID: HSS6X6X.500
Element Type: Braced Frame Classification: Seismic

L=195.346
A=9.740 i22=48.300 i33=48.300
s22=16.100 s33=16.100 r22=2.227 r33=2.227
E=29000.000 fy=46.000
RLLF=1.000

P-M33-M22 Demand/Capacity Ratio is 0.636 = 0.612 + 0.024 + 0.000

STRESS CHECK FORCES & MOMENTS

		P	M33	M22	V2	V3
Combo	ASD1	-71.478	-6.678	0.000	0.000	0.000

AXIAL FORCE & BIAXIAL MOMENT DESIGN (H1-1)

	fa Stress	Fa Allowable	Ft Allowable
Axial	7.339	12.000	27.600

	fb Stress	Fb Allowable	Fe Allowable	Cm Factor	K Factor	L Factor	Cb Factor
Major Bending	0.415	27.600	19.406	1.000	1.000	1.000	1.000
Minor Bending	0.000	27.600	19.406	1.000	1.000	1.000	

SHEAR DESIGN

	fv Stress	FV Allowable	Stress Ratio
Major Shear	0.000	18.400	0.000
Minor Shear	0.000	18.400	0.000

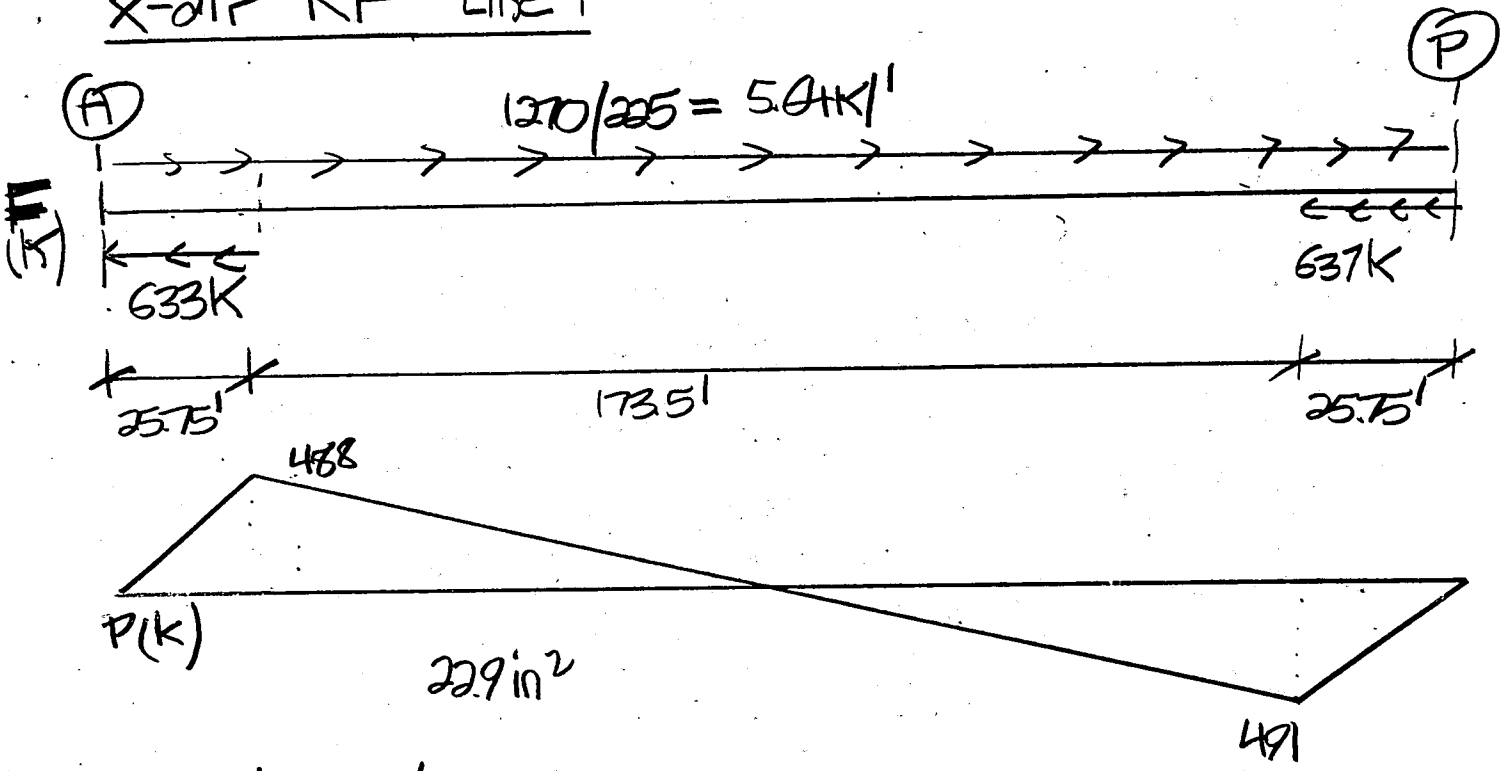
END REACTION AXIAL FORCES

Left End Reaction	Load Combo	Right End Reaction	Load Combo
-129.838	ASD2	-129.440	ASD2

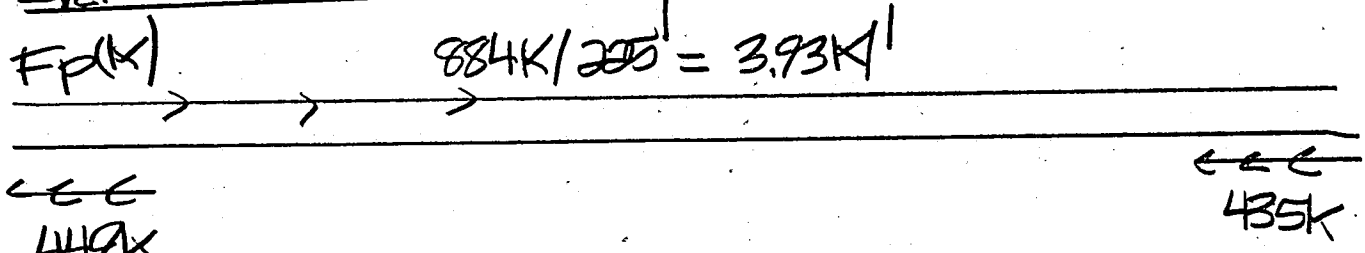
L: Diaphragm Design

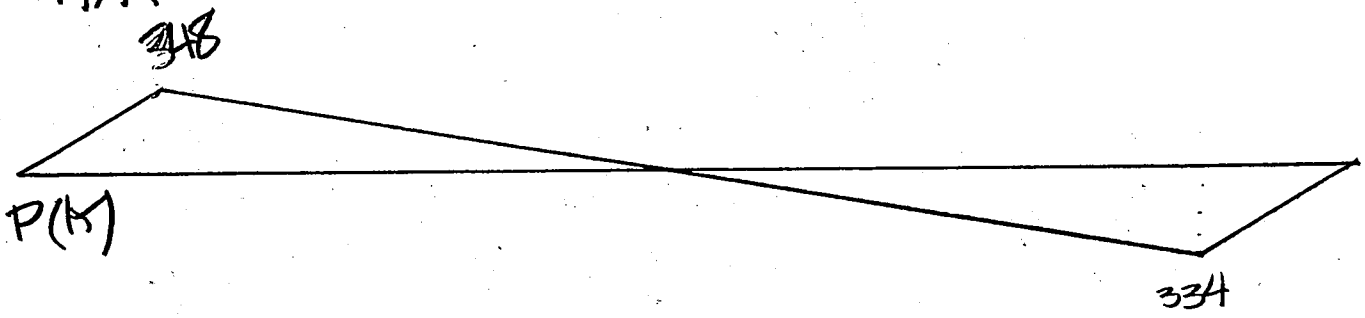
Drag Force

X-dir RF Line 1



Level 14 Line 1

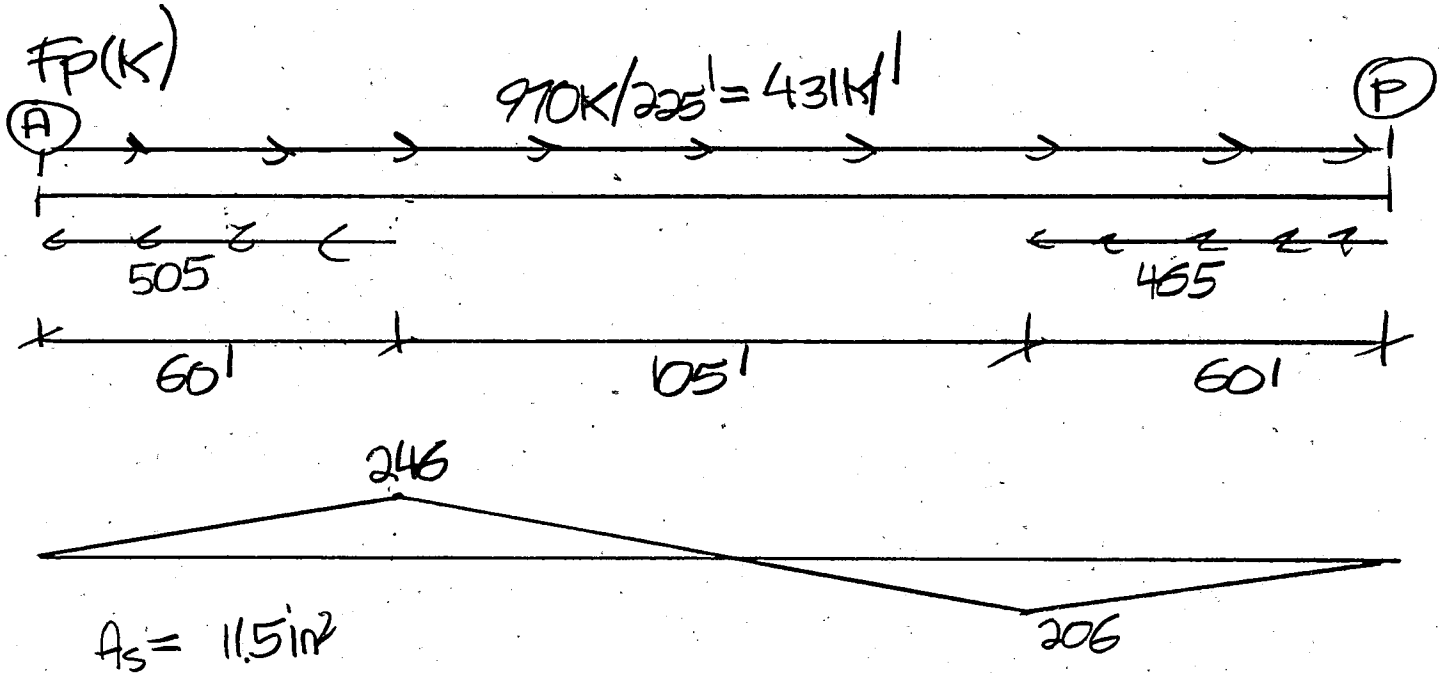




Project:	W. O. No.:	Date:
Calc. By:	Checked By:	Sheet 1 of

Drag Force

Line 1 Level 10

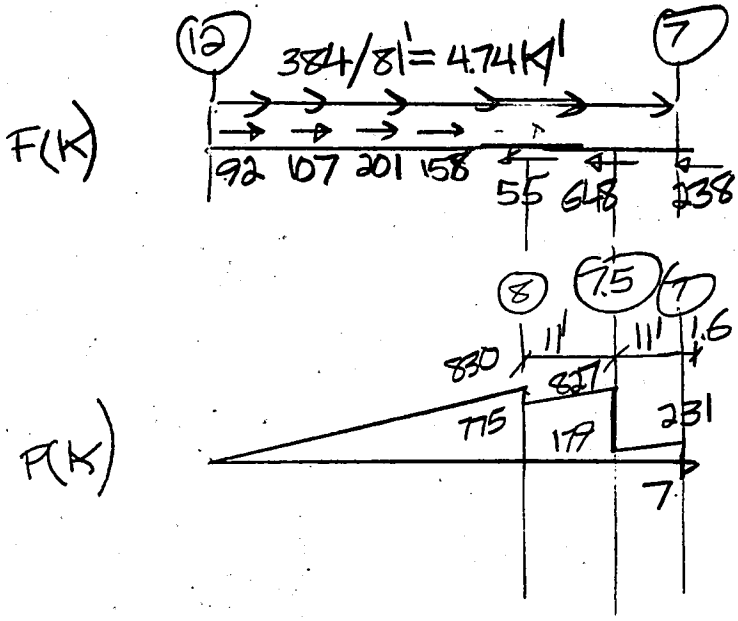


A_s = 11.5 in²

Project:	W. O. No.:	Date:
Calc. By:	Checked By:	Sheet 2 of

Drag Force

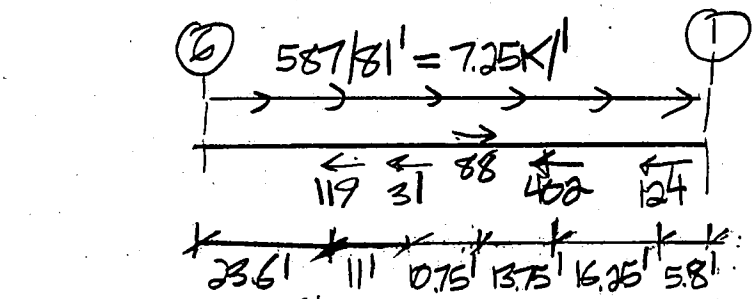
Y-dir Level 3 Line A North

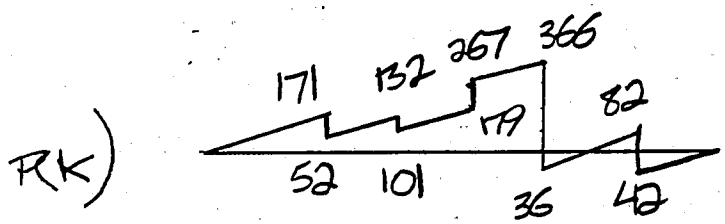


$P_U = \Delta P$

use $\phi = 1.0$

Level 3 Line A South





Project:	W. O. No.:	Date:
Calc. By:	Checked By:	Sheet 3 of

Hall of Justice
X-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Drag Design Wall L {ft}	Total L {ft}	As=Pu/60ksi F {k/ft}	P {kips}	Pu {kips}	As {in^2}	Fp As {in^2}	Max As {in^2}
RF	1	1.1	DX	355		N/A	N/A	0										
RF	1	1.2	DX	270	625	N/A	N/A	0	0	625	25.75	225	5.59	481	1213	20.2	8.9	20.2
RF	1	1.9	DX	273		N/A	N/A	0										
RF	1	1.11	DX	359	632	N/A	N/A	0	0	632	25.75	225	5.59	488	1231	20.5	9.0	20.5
RF	12	12.1	DX	377		N/A	N/A	0										
RF	12	12.2	DX	286	663	N/A	N/A	0	0	663	25.75	225	5.84	513	1292	21.5	9.5	21.5
RF	12	12.9	DX	282		N/A	N/A	0										
RF	12	12.11	DX	368	650	N/A	N/A	0	0	650	25.75	225	5.84	500	1259	21.0	9.3	21.0
L14	1	1.1	DX	651		RF	1.1	355										
L14	1	1.2	DX	373	1024	RF	1.2	270	625	399	25.75	225	3.52	308	691	11.5	7.4	11.5
L14	1	1.9	DX	379		RF	1.9	273										
L14	1	1.11	DX	646	1025	RF	1.11	359	632	393	25.75	225	3.52	302	678	11.3	7.3	11.3
L14	12	12.1	DX	687		RF	12.1	377										
L14	12	12.2	DX	388	1075	RF	12.2	286	663	412	25.75	225	3.67	318	712	11.9	7.4	11.9
L14	12	12.9	DX	392		RF	12.9	282										
L14	12	12.11	DX	673	1065	RF	12.11	368	650	415	25.75	225	3.67	320	717	11.9	7.3	11.9
L12	1	1.1	DX	400		L14	1.1	651										
L12	1	1.2	DX	778	1178	L14	1.2	373	1024	153	25.75	225	1.34	119	266	4.4	6.4	6.4
L12	1	1.9	DX	778		L14	1.9	379										
L12	1	1.11	DX	397	1175	L14	1.11	646	1025	149	25.75	225	1.34	115	257	4.3	6.2	6.2
L12	12	12.1	DX	425		L14	12.1	687										
L12	12	12.2	DX	811	1237	L14	12.2	388	1075	162	25.75	225	1.40	125	281	4.7	6.3	6.3
L12	12	12.9	DX	808		L14	12.9	392										
L12	12	12.11	DX	410	1218	L14	12.11	673	1065	154	25.75	225	1.40	118	264	4.4	6.2	6.2
L10	1	1.1	DX	-311		L12	1.1	400										
L10	1	1.2	DX	353		L12	1.2	778										
L10	1	1.3	DX	504		L12	N/A	0										
L10	1	1.4	DX	446		L12	N/A	0										
L10	1	1.5	DX	209	1202	L12	N/A	0	1178	25	60	225	0.11	18	41	0.7	4.6	4.6
L10	1	1.6	DX	207		L12	N/A	0										
L10	1	1.7	DX	448		L12	N/A	0										
L10	1	1.8	DX	492		L12	N/A	0										
L10	1	1.9	DX	343		L12	1.9	778										
L10	1	1.11	DX	-315	1174	L12	1.11	397	1175	-1	60	225	0.11	-7	-16	-0.3	3.8	3.8
L10	12	12.1	DX	-317		L12	12.1	425										
L10	12	12.2	DX	394		L12	12.2	811										
L10	12	12.3	DX	532		L12	N/A	0										
L10	12	12.4	DX	469		L12	N/A	0										
L10	12	12.5	DX	220	1297	L12	N/A	0	1237	60	60	79.5	0.76	15	33	0.6	2.5	2.5
L10	12	12.6	DX	217		L12	N/A	0										
L10	12	12.7	DX	471		L12	N/A	0										
L10	12	12.8	DX	520		L12	N/A	0										
L10	12	12.9	DX	378		L12	12.9	808										
L10	12	12.11	DX	-310	1276	L12	12.11	410	1218	58	60	90.5	0.64	20	44	0.7	3.4	3.4

Hall of Justice
X-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Drag Wall L {ft}	Design Total L {ft}	As=Pu/60ksi F {k/ft}	P {kips}	Pu {kips}	As {in^2}	Fp As {in^2}	Max As {in^2}
L9	1	1.1	DX	330		L10	1.1	-311										
L9	1	1.2	DX	544		L10	1.2	353										
L9	1	1.3	DX	293		L10	1.3	504										
L9	1	1.4	DX	241		L10	1.4	446										
L9	1	1.5	DX	97	1505	L10	1.5	209	1202	303	60	225	2.69	141	317	5.3	3.6	5.3
L9	1	1.6	DX	95		L10	1.6	207										
L9	1	1.7	DX	241		L10	1.7	448										
L9	1	1.8	DX	285		L10	1.8	492										
L9	1	1.9	DX	536		L10	1.9	343										
L9	1	1.11	DX	320	1477	L10	1.11	-315	1174	303	60	225	2.69	142	317	5.3	3.5	5.3
L9	12	12.1	DX	361		L10	12.1	-317										
L9	12	12.2	DX	578		L10	12.2	394										
L9	12	12.3	DX	306		L10	12.3	532										
L9	12	12.4	DX	252		L10	12.4	469										
L9	12	12.5	DX	101	1598	L10	12.5	220	1297	301	60	79.5	3.79	74	166	2.8	1.8	2.8
L9	12	12.6	DX	100		L10	12.6	217										
L9	12	12.7	DX	253		L10	12.7	471										
L9	12	12.8	DX	299		L10	12.8	520										
L9	12	12.9	DX	573		L10	12.9	378										
L9	12	12.11	DX	348	1574	L10	12.11	-310	1276	297	60	90.5	3.29	100	225	3.7	2.5	3.7
L8	1	1.1	DX	356		L9	1.1	330										
L8	1	1.2	DX	605		L9	1.2	544										
L8	1	1.3	DX	354		L9	1.3	293										
L8	1	1.4	DX	272		L9	1.4	241										
L8	1	1.5	DX	110	1697	L9	1.5	97	1505	192	60	225	1.60	96	215	3.6	4.4	4.4
L8	1	1.6	DX	107		L9	1.6	95										
L8	1	1.7	DX	270		L9	1.7	241										
L8	1	1.8	DX	341		L9	1.8	285										
L8	1	1.9	DX	588		L9	1.9	536										
L8	1	1.11	DX	338	1646	L9	1.11	320	1477	169	60	225	1.60	73	163	2.7	3.7	3.7
L8	12	12.1	DX	369		L9	12.1	361										
L8	12	12.2	DX	627		L9	12.2	578										
L8	12	12.3	DX	362		L9	12.3	306										
L8	12	12.4	DX	277		L9	12.4	252										
L8	12	12.5	DX	112	1747	L9	12.5	101	1598	149	60	225	1.33	69	154	2.6	3.8	3.8
L8	12	12.6	DX	111		L9	12.6	100										
L8	12	12.7	DX	279		L9	12.7	253										
L8	12	12.8	DX	353		L9	12.8	299										
L8	12	12.9	DX	618		L9	12.9	573										
L8	12	12.11	DX	364	1725	L9	12.11	348	1574	151	60	225	1.33	71	160	2.7	3.9	3.9
L7	1	1.1	DX	431		L8	1.1	356										
L7	1	1.2	DX	653		L8	1.2	605										
L7	1	1.3	DX	352		L8	1.3	354										
L7	1	1.4	DX	277		L8	1.4	272										
L7	1	1.5	DX	113	1827	L8	1.5	110	1697	130	60	225	1.21	57	128	2.1	3.9	3.9
L7	1	1.6	DX	111		L8	1.6	107										
L7	1	1.7	DX	275		L8	1.7	270										
L7	1	1.8	DX	341		L8	1.8	341										
L7	1	1.9	DX	640		L8	1.9	588										
L7	1	1.11	DX	420	1788	L8	1.11	338	1646	142	60	225	1.21	70	156	2.6	4.2	4.2
L7	12	12.1	DX	440		L8	12.1	369										
L7	12	12.2	DX	655		L8	12.2	627										
L7	12	12.3	DX	351		L8	12.3	362										
L7	12	12.4	DX	276		L8	12.4	277										
L7	12	12.5	DX	112	1834	L8	12.5	112	1747	86	60	225	0.78	40	89	1.5	3.7	3.7
L7	12	12.6	DX	111		L8	12.6	111										
L7	12	12.7	DX	277		L8	12.7	279										
L7	12	12.8	DX	345		L8	12.8	353										
L7	12	12.9	DX	652		L8	12.9	618										
L7	12	12.11	DX	428	1814	L8	12.11	364	1725	88	60	225	0.78	42	94	1.6	3.6	3.6

Hall of Justice
X-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Drag Wall L {ft}	Design Total L {ft}	As=Pu/60ksi F {k/ft}	P {kips}	Pu {kips}	As {in^2}	Fp As {in^2}	Max As {in^2}
L6	1	1.1	DX	467		L7	1.1	431										
L6	1	1.2	DX	693		L7	1.2	653										
L6	1	1.3	DX	389		L7	1.3	352										
L6	1	1.4	DX	299		L7	1.4	277										
L6	1	1.5	DX	125	1972	L7	1.5	113	1827	145	60	225	1.27	69	155	2.6	3.7	3.7
L6	1	1.6	DX	123		L7	1.6	111										
L6	1	1.7	DX	297		L7	1.7	275										
L6	1	1.8	DX	376		L7	1.8	341										
L6	1	1.9	DX	678		L7	1.9	640										
L6	1	1.11	DX	454	1928	L7	1.11	420	1788	140	60	225	1.27	64	143	2.4	3.5	3.5
L6	12	12.1	DX	475		L7	12.1	440										
L6	12	12.2	DX	692		L7	12.2	655										
L6	12	12.3	DX	383		L7	12.3	351										
L6	12	12.4	DX	294		L7	12.4	276										
L6	12	12.5	DX	123	1967	L7	12.5	112	1834	133	60	225	1.19	62	139	2.3	3.5	3.5
L6	12	12.6	DX	122		L7	12.6	111										
L6	12	12.7	DX	295		L7	12.7	277										
L6	12	12.8	DX	378		L7	12.8	345										
L6	12	12.9	DX	690		L7	12.9	652										
L6	12	12.11	DX	461	1947	L7	12.11	428	1814	133	60	225	1.19	62	139	2.3	3.5	3.5
L5	1	1.1	DX	578		L6	1.1	467										
L5	1	1.2	DX	851		L6	1.2	693										
L5	1	1.3	DX	326		L6	1.3	389										
L5	1	1.4	DX	257		L6	1.4	299										
L5	1	1.5	DX	118	2129	L6	1.5	125	1972	157	60	225	1.26	81	182	3.0	4.0	4.0
L5	1	1.6	DX	116		L6	1.6	123										
L5	1	1.7	DX	256		L6	1.7	297										
L5	1	1.8	DX	311		L6	1.8	376										
L5	1	1.9	DX	819		L6	1.9	678										
L5	1	1.11	DX	553	2054	L6	1.11	454	1928	126	60	225	1.26	51	114	1.9	3.3	3.3
L5	12	12.1	DX	589		L6	12.1	475										
L5	12	12.2	DX	837		L6	12.2	692										
L5	12	12.3	DX	316		L6	12.3	383										
L5	12	12.4	DX	248		L6	12.4	294										
L5	12	12.5	DX	112	2103	L6	12.5	123	1967	136	60	225	1.22	63	140	2.3	3.6	3.6
L5	12	12.6	DX	112		L6	12.6	122										
L5	12	12.7	DX	252		L6	12.7	295										
L5	12	12.8	DX	310		L6	12.8	378										
L5	12	12.9	DX	837		L6	12.9	690										
L5	12	12.11	DX	576	2086	L6	12.11	461	1947	139	60	225	1.22	66	148	2.5	3.6	3.6
L4	1	1.1	DX	524		L5	1.1	578										
L4	1	1.2	DX	787		L5	1.2	851										
L4	1	1.3	DX	514		L5	1.3	326										
L4	1	1.4	DX	381		L5	1.4	257										
L4	1	1.5	DX	137	2342	L5	1.5	118	2129	213	60	101.5	2.10	87	195	3.3	4.1	4.1
L4	1	1.6	DX	131		L5	1.6	116										
L4	1	1.7	DX	375		L5	1.7	256										
L4	1	1.8	DX	488		L5	1.8	311										
L4	1	1.9	DX	694		L5	1.9	819										
L4	1	1.11	DX	450	2138	L5	1.11	553	2054	84	60	101.5	0.82	34	77	1.3	3.0	3.0
L4	12	12.1	DX	504		L5	12.1	589										
L4	12	12.2	DX	805		L5	12.2	837										
L4	12	12.3	DX	463		L5	12.3	316										
L4	12	12.4	DX	335		L5	12.4	248										
L4	12	12.5	DX	136	2244	L5	12.5	112	2103	141	60	225	1.24	66	148	2.5	3.8	3.8
L4	12	12.6	DX	134		L5	12.6	112										
L4	12	12.7	DX	338		L5	12.7	252										
L4	12	12.8	DX	456		L5	12.8	310										
L4	12	12.9	DX	798		L5	12.9	837										
L4	12	12.11	DX	499	2225	L5	12.11	576	2086	138	60	225	1.24	64	143	2.4	3.8	3.8

Hall of Justice
X-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Drag Wall L {ft}	Design Total L {ft}	As=Pu/60ksi F {k/ft}	P {kips}	Pu {kips}	As {in^2}	Fp As {in^2}	Max As {in^2}
L3	1	1.1	DX	637		L4	1.1	524										
L3	1	1.2	DX	1184		L4	1.2	787										
L3	1	1.3	DX	404		L4	1.3	514										
L3	1	1.4	DX	392		L4	1.4	381										
L3	1	1.5	DX	253	2870	L4	1.5	137	2342	528	60	101.5	5.20	216	483	8.1	6.4	8.1
L3	1	1.6	DX	263		L4	1.6	131										
L3	1	1.7	DX	404		L4	1.7	375										
L3	1	1.8	DX	386		L4	1.8	488										
L3	1	1.9	DX	1119		L4	1.9	694										
L3	1	1.11	DX	420	2591	L4	1.11	450	2138	454	60	101.5	4.47	185	415	6.9	5.6	6.9
L3	12	12.1	DX	551		L4	12.1	504										
L3	12	12.2	DX	818		L4	12.2	805										
L3	12	12.3	DX	307		L4	12.3	463										
L3	12	12.4	DX	237		L4	12.4	335										
L3	12	12.5	DX	107	2020	L4	12.5	136	2244	-224	60	79.5	-2.82	-55	-123	-2.1	0.7	2.1
L3	12	12.6	DX	108		L4	12.6	134										
L3	12	12.7	DX	241		L4	12.7	338										
L3	12	12.8	DX	301		L4	12.8	456										
L3	12	12.9	DX	820		L4	12.9	798										
L3	12	12.11	DX	537	2008	L4	12.11	499	2225	-217	60	79.5	-2.73	-53	-119	-2.0	0.7	2.0
L2	1	1.1	DX	2090		L3	1.1	637										
L2	1	1.2	DX	688		L3	1.2	1184										
L2	1	1.3	DX	1474		L3	1.3	404										
L2	1	1.4	DX	1743		L3	1.4	392										
L2	1	N/A	DX	0		L3	1.5	253										
L2	1	N/A	DX	0		L3	1.6	263										
L2	1	N/A	DX	0		L3	1.7	404										
L2	1	N/A	DX	0		L3	1.8	386										
L2	1	N/A	DX	0		L3	1.9	1119										
L2	1	N/A	DX	0	5994	L3	1.11	420	5461	533								
L2	12	12.1	DX	500		L3	12.1	551										
L2	12	12.2	DX	752		L3	12.2	818										
L2	12	12.3	DX	397		L3	12.3	307										
L2	12	12.4	DX	326		L3	12.4	237										
L2	12	12.5	DX	140	2115	L3	12.5	107	2020	96	60	79.5	1.20	23	52	0.9	1.5	1.5
L2	12	12.6	DX	139		L3	12.6	108										
L2	12	12.7	DX	328		L3	12.7	241										
L2	12	12.8	DX	388		L3	12.8	301										
L2	12	12.9	DX	747		L3	12.9	820										
L2	12	12.11	DX	494	2096	L3	12.11	537	2008	89	60	79.5	1.11	22	49	0.8	1.5	1.5
L1	1	1.1	DX	2103		L2	1.1	2090										
L1	1	N/A	DX	0		L2	1.2	688										
L1	1	1.3	DX	2094		L2	1.3	1474										
L1	1	1.4	DX	1755	5952	L2	1.4	1743	5994	-42								
L1	12	12.1	DX	1894		L2	12.1	500										
L1	12	12.2	DX	270		L2	12.2	752										
L1	12	12.3	DX	-27		L2	12.3	397										
L1	12	12.4	DX	268		L2	12.4	326										
L1	12	12.5	DX	1876		L2	12.5	140										
L1	12	N/A	DX	0		L2	12.6	139										
L1	12	N/A	DX	0		L2	12.7	328										
L1	12	N/A	DX	0		L2	12.8	388										
L1	12	N/A	DX	0		L2	12.9	747										
L1	12	N/A	DX	0	4282	L2	12.11	494	4212	70								

Hall of Justice

X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfer {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As {in^2}
RF	1	1.1	DX	355		N/A	0		N/A	N/A	0								
RF	1	1.2	DX	270	625	N/A	0		N/A	N/A	0			625	25.75	225	5.59	481	8.9
RF	1	1.9	DX	273		N/A	0		N/A	N/A	0								
RF	1	1.11	DX	359	632	N/A	0		N/A	N/A	0			632	25.75	225	5.59	488	9.0
RF	12	12.1	DX	377		N/A	0		N/A	N/A	0								
RF	12	12.2	DX	286	663	N/A	0		N/A	N/A	0			663	25.75	225	5.84	513	9.5
RF	12	12.9	DX	282		N/A	0		N/A	N/A	0								
RF	12	12.11	DX	368	650	N/A	0		N/A	N/A	0			650	25.75	225	5.84	500	9.3
L14	1	1.1	L14DIAX	321		L14TX	418		RF	1.1	372								
L14	1	1.2	L14DIAX	192	514	L14TX	231	649	RF	1.2	275	647	2	515	25.75	225	4.57	398	7.4
L14	1	1.9	L14DIAX	195		L14TX	234		RF	1.9	275								
L14	1	1.11	L14DIAX	316	511	L14TX	411	645	RF	1.11	368	643	2	513	25.75	225	4.57	395	7.3
L14	12	12.1	L14DIAX	321		L14TX	414		RF	12.1	369								
L14	12	12.2	L14DIAX	192	514	L14TX	230	644	RF	12.2	273	642	2	515	25.75	225	4.57	397	7.4
L14	12	12.9	L14DIAX	195		L14TX	233		RF	12.9	274								
L14	12	12.11	L14DIAX	317	512	L14TX	408	641	RF	12.11	366	640	1	512	25.75	225	4.57	395	7.3
L12	1	1.1	L12DIAX	199		L12TX	333		L14	1.1	672								
L12	1	1.2	L12DIAX	242	441	L12TX	729	1062	L14	1.2	384	1056	6	446	25.75	225	3.92	345	6.4
L12	1	1.9	L12DIAX	242		L12TX	724		L14	1.9	389								
L12	1	1.11	L12DIAX	195	437	L12TX	324	1048	L14	1.11	661	1050	-2	435	25.75	225	3.92	334	6.2
L12	12	12.1	L12DIAX	198		L12TX	330		L14	12.1	669								
L12	12	12.2	L12DIAX	241	440	L12TX	724	1054	L14	12.2	382	1051	3	442	25.75	225	3.91	341	6.3
L12	12	12.9	L12DIAX	243		L12TX	725		L14	12.9	387								
L12	12	12.11	L12DIAX	195	437	L12TX	322	1047	L14	12.11	659	1046	1	438	25.75	225	3.91	337	6.2
L10	1	1.1	L10DIAX	127		L10TX	-260		L12	1.1	400								
L10	1	1.2	L10DIAX	187		L10TX	272		L12	1.2	811								
L10	1	1.3	L10DIAX	93		L10TX	518		L12	N/A	0								
L10	1	1.4	L10DIAX	75		L10TX	459		L12	N/A	0								
L10	1	1.5	L10DIAX	33	516	L10TX	216	1206	L12	N/A	0	1211	-6	511	60	225	4.35	250	4.6
L10	1	1.6	L10DIAX	32		L10TX	212		L12	N/A	0								
L10	1	1.7	L10DIAX	73		L10TX	458		L12	N/A	0								
L10	1	1.8	L10DIAX	90		L10TX	501		L12	N/A	0								
L10	1	1.9	L10DIAX	184		L10TX	249		L12	1.9	806								
L10	1	1.11	L10DIAX	124	502	L10TX	-265	1155	L12	1.11	390	1196	-41	469	60	225	4.35	207	3.8
L10	12	12.1	L10DIAX	130		L10TX	-243		L12	12.1	397								
L10	12	12.2	L10DIAX	189		L10TX	283		L12	12.2	805								
L10	12	12.3	L10DIAX	93		L10TX	519		L12	N/A	0								
L10	12	12.4	L10DIAX	74		L10TX	460		L12	N/A	0								
L10	12	12.5	L10DIAX	33	520	L10TX	216	1235	L12	N/A	0	1202	33	547	60	79.5	6.88	134	2.5
L10	12	12.6	L10DIAX	33		L10TX	215		L12	N/A	0								
L10	12	12.7	L10DIAX	75		L10TX	466		L12	N/A	0								
L10	12	12.8	L10DIAX	92		L10TX	511		L12	N/A	0								
L10	12	12.9	L10DIAX	189		L10TX	275		L12	12.9	807								
L10	12	12.11	L10DIAX	127	517	L10TX	-244	1222	L12	12.11	388	1195	27	538	60	90.5	5.95	181	3.4

Hall of Justice

X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfer {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As {in^2}
L9	1	1.1	L9DIAX	118		L9TX	244		L10	1.1	-218								
L9	1	1.2	L9DIAX	160		L9TX	494		L10	1.2	333								
L9	1	1.3	L9DIAX	60		L9TX	298		L10	1.3	548								
L9	1	1.4	L9DIAX	47		L9TX	249		L10	1.4	484								
L9	1	1.5	L9DIAX	24	409	L9TX	99	1384	L10	1.5	227	1373	11	417	60	225	3.68	197	3.6
L9	1	1.6	L9DIAX	23		L9TX	97		L10	1.6	222								
L9	1	1.7	L9DIAX	47		L9TX	247		L10	1.7	481								
L9	1	1.8	L9DIAX	57		L9TX	287		L10	1.8	530								
L9	1	1.9	L9DIAX	158		L9TX	477		L10	1.9	309								
L9	1	1.11	L9DIAX	114	399	L9TX	223	1331	L10	1.11	-225	1318	14	410	60	225	3.68	189	3.5
L9	12	12.1	L9DIAX	116		L9TX	249		L10	12.1	-200								
L9	12	12.2	L9DIAX	158		L9TX	496		L10	12.2	344								
L9	12	12.3	L9DIAX	58		L9TX	297		L10	12.3	549								
L9	12	12.4	L9DIAX	46		L9TX	248		L10	12.4	484								
L9	12	12.5	L9DIAX	23	401	L9TX	99	1389	L10	12.5	227	1404	-16	389	60	79.5	4.89	95	1.8
L9	12	12.6	L9DIAX	23		L9TX	98		L10	12.6	226								
L9	12	12.7	L9DIAX	47		L9TX	251		L10	12.7	490								
L9	12	12.8	L9DIAX	57		L9TX	292		L10	12.8	541								
L9	12	12.9	L9DIAX	158		L9TX	497		L10	12.9	338								
L9	12	12.11	L9DIAX	115	401	L9TX	247	1385	L10	12.11	-203	1390	-4	397	60	90.5	4.39	134	2.5
L8	1	1.1	L8DIAX	126		L8TX	262		L9	1.1	288								
L8	1	1.2	L8DIAX	182		L8TX	540		L9	1.2	553								
L8	1	1.3	L8DIAX	73		L8TX	365		L9	1.3	321								
L8	1	1.4	L8DIAX	56		L8TX	286		L9	1.4	267								
L8	1	1.5	L8DIAX	26	462	L8TX	117	1569	L9	1.5	108	1537	33	480	60	225	4.19	237	4.4
L8	1	1.6	L8DIAX	25		L8TX	114		L9	1.6	105								
L8	1	1.7	L8DIAX	55		L8TX	282		L9	1.7	265								
L8	1	1.8	L8DIAX	70		L8TX	349		L9	1.8	309								
L8	1	1.9	L8DIAX	178		L8TX	511		L9	1.9	536								
L8	1	1.11	L8DIAX	121	449	L8TX	231	1486	L9	1.11	266	1480	6	454	60	225	4.19	202	3.7
L8	12	12.1	L8DIAX	125		L8TX	248		L9	12.1	292								
L8	12	12.2	L8DIAX	180		L8TX	526		L9	12.2	555								
L8	12	12.3	L8DIAX	71		L8TX	356		L9	12.3	318								
L8	12	12.4	L8DIAX	55		L8TX	279		L9	12.4	265								
L8	12	12.5	L8DIAX	25	457	L8TX	114	1523	L9	12.5	107	1539	-16	444	60	225	3.96	206	3.8
L8	12	12.6	L8DIAX	25		L8TX	114		L9	12.6	107								
L8	12	12.7	L8DIAX	56		L8TX	282		L9	12.7	268								
L8	12	12.8	L8DIAX	70		L8TX	350		L9	12.8	314								
L8	12	12.9	L8DIAX	181		L8TX	524		L9	12.9	556								
L8	12	12.11	L8DIAX	125	457	L8TX	252	1522	L9	12.11	290	1535	-13	447	60	225	3.96	209	3.9
L7	1	1.1	L7DIAX	123		L7TX	389		L8	1.1	306								
L7	1	1.2	L7DIAX	173		L7TX	609		L8	1.2	603								
L7	1	1.3	L7DIAX	71		L7TX	349		L8	1.3	390								
L7	1	1.4	L7DIAX	57		L7TX	281		L8	1.4	305								
L7	1	1.5	L7DIAX	28	451	L7TX	113	1742	L8	1.5	126	1730	12	461	60	225	4.18	211	3.9
L7	1	1.6	L7DIAX	28		L7TX	111		L8	1.6	122								
L7	1	1.7	L7DIAX	57		L7TX	277		L8	1.7	302								
L7	1	1.8	L7DIAX	68		L7TX	336		L8	1.8	373								
L7	1	1.9	L7DIAX	171		L7TX	590		L8	1.9	573								
L7	1	1.11	L7DIAX	120	443	L7TX	372	1686	L8	1.11	272	1642	44	479	60	225	4.18	228	4.2
L7	12	12.1	L7DIAX	121		L7TX	372		L8	12.1	291								
L7	12	12.2	L7DIAX	171		L7TX	580		L8	12.2	589								
L7	12	12.3	L7DIAX	69		L7TX	333		L8	12.3	380								
L7	12	12.4	L7DIAX	55		L7TX	268		L8	12.4	298								
L7	12	12.5	L7DIAX	27	444	L7TX	108	1660	L8	12.5	123	1681	-21	427	60	225	3.77	201	3.7
L7	12	12.6	L7DIAX	27		L7TX	107		L8	12.6	122								
L7	12	12.7	L7DIAX	56		L7TX	270		L8	12.7	301								
L7	12	12.8	L7DIAX	68		L7TX	330		L8	12.8	374								
L7	12	12.9	L7DIAX	172		L7TX	581		L8	12.9	587								
L7	12	12.11	L7DIAX	120	443	L7TX	364	1652	L8	12.11	295	1681	-28	420	60	225	3.77	194	3.6

Hall of Justice
X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfer {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As {in^2}
L6	1	1.1	L6DIAX	113		L6TX	437		L7	1.1	434								
L6	1	1.2	L6DIAX	155		L6TX	665		L7	1.2	674								
L6	1	1.3	L6DIAX	67		L6TX	390		L7	1.3	378								
L6	1	1.4	L6DIAX	54		L6TX	303		L7	1.4	304								
L6	1	1.5	L6DIAX	27	416	L6TX	127	1923	L7	1.5	124	1914	8	423	60	225	3.71	200	3.7
L6	1	1.6	L6DIAX	27		L6TX	124		L7	1.6	122								
L6	1	1.7	L6DIAX	54		L6TX	299		L7	1.7	300								
L6	1	1.8	L6DIAX	65		L6TX	375		L7	1.8	363								
L6	1	1.9	L6DIAX	153		L6TX	644		L7	1.9	654								
L6	1	1.11	L6DIAX	110	409	L6TX	418	1859	L7	1.11	415	1855	5	413	60	225	3.71	190	3.5
L6	12	12.1	L6DIAX	112		L6TX	419		L7	12.1	416								
L6	12	12.2	L6DIAX	153		L6TX	634		L7	12.2	643								
L6	12	12.3	L6DIAX	65		L6TX	369		L7	12.3	361								
L6	12	12.4	L6DIAX	53		L6TX	286		L7	12.4	290								
L6	12	12.5	L6DIAX	27	410	L6TX	120	1827	L7	12.5	118	1829	-2	409	60	225	3.62	191	3.5
L6	12	12.6	L6DIAX	27		L6TX	120		L7	12.6	118								
L6	12	12.7	L6DIAX	54		L6TX	288		L7	12.7	293								
L6	12	12.8	L6DIAX	65		L6TX	365		L7	12.8	357								
L6	12	12.9	L6DIAX	154		L6TX	634		L7	12.9	645								
L6	12	12.11	L6DIAX	111	410	L6TX	409	1816	L7	12.11	408	1820	-4	407	60	225	3.62	189	3.5
L5	1	1.1	L5DIAX	128		L5TX	547		L6	1.1	470								
L5	1	1.2	L5DIAX	174		L5TX	818		L6	1.2	709								
L5	1	1.3	L5DIAX	53		L5TX	324		L6	1.3	408								
L5	1	1.4	L5DIAX	44		L5TX	257		L6	1.4	317								
L5	1	1.5	L5DIAX	25	425	L5TX	115	2060	L6	1.5	134	2038	22	442	60	225	3.76	216	4.0
L5	1	1.6	L5DIAX	25		L5TX	113		L6	1.6	132								
L5	1	1.7	L5DIAX	45		L5TX	254		L6	1.7	313								
L5	1	1.8	L5DIAX	51		L5TX	308		L6	1.8	392								
L5	1	1.9	L5DIAX	171		L5TX	775		L6	1.9	688								
L5	1	1.11	L5DIAX	124	415	L5TX	511	1960	L6	1.11	450	1974	-14	405	60	225	3.76	179	3.3
L5	12	12.1	L5DIAX	127		L5TX	528		L6	12.1	452								
L5	12	12.2	L5DIAX	172		L5TX	767		L6	12.2	677								
L5	12	12.3	L5DIAX	52		L5TX	300		L6	12.3	386								
L5	12	12.4	L5DIAX	43		L5TX	238		L6	12.4	300								
L5	12	12.5	L5DIAX	25	419	L5TX	106	1939	L6	12.5	127	1942	-3	416	60	225	3.71	194	3.6
L5	12	12.6	L5DIAX	25		L5TX	105		L6	12.6	127								
L5	12	12.7	L5DIAX	44		L5TX	242		L6	12.7	302								
L5	12	12.8	L5DIAX	51		L5TX	295		L6	12.8	382								
L5	12	12.9	L5DIAX	173		L5TX	770		L6	12.9	679								
L5	12	12.11	L5DIAX	126	419	L5TX	520	1931	L6	12.11	441	1932	0	419	60	225	3.71	196	3.6
L4	1	1.1	L4DIAX	117		L4TX	505		L5	1.1	590								
L4	1	1.2	L4DIAX	165		L4TX	765		L5	1.2	877								
L4	1	1.3	L4DIAX	83		L4TX	514		L5	1.3	341								
L4	1	1.4	L4DIAX	66		L4TX	384		L5	1.4	272								
L4	1	1.5	L4DIAX	27	457	L4TX	143	2312	L5	1.5	124	2204	108	544	60	101.5	5.36	222	4.1
L4	1	1.6	L4DIAX	27		L4TX	136		L5	1.6	122								
L4	1	1.7	L4DIAX	65		L4TX	375		L5	1.7	269								
L4	1	1.8	L4DIAX	80		L4TX	482		L5	1.8	324								
L4	1	1.9	L4DIAX	155		L4TX	648		L5	1.9	833								
L4	1	1.11	L4DIAX	110	437	L4TX	406	2047	L5	1.11	553	2101	-54	393	60	101.5	3.88	161	3.0
L4	12	12.1	L4DIAX	117		L4TX	447		L5	12.1	571								
L4	12	12.2	L4DIAX	174		L4TX	724		L5	12.2	825								
L4	12	12.3	L4DIAX	80		L4TX	436		L5	12.3	317								
L4	12	12.4	L4DIAX	62		L4TX	317		L5	12.4	252								
L4	12	12.5	L4DIAX	28	461	L4TX	134	2057	L5	12.5	114	2080	-23	442	60	225	3.94	206	3.8
L4	12	12.6	L4DIAX	28		L4TX	133		L5	12.6	114								
L4	12	12.7	L4DIAX	63		L4TX	321		L5	12.7	256								
L4	12	12.8	L4DIAX	78		L4TX	430		L5	12.8	312								
L4	12	12.9	L4DIAX	175		L4TX	722		L5	12.9	829								
L4	12	12.11	L4DIAX	116	461	L4TX	445	2051	L5	12.11	562	2073	-22	443	60	225	3.94	207	3.8

Hall of Justice

X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfer {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As {in^2}
L3	1	1.1	L3DIAX	142		L3TX	606		L4	1.1	542								
L3	1	1.2	L3DIAX	229		L3TX	1160		L4	1.2	816								
L3	1	1.3	L3DIAX	66		L3TX	406		L4	1.3	540								
L3	1	1.4	L3DIAX	64		L3TX	399		L4	1.4	404								
L3	1	1.5	L3DIAX	43	544	L3TX	258	2830	L4	1.5	152	2454	377	845	60	101.5	8.33	346	6.4
L3	1	1.6	L3DIAX	44		L3TX	269		L4	1.6	144								
L3	1	1.7	L3DIAX	66		L3TX	410		L4	1.7	395								
L3	1	1.8	L3DIAX	63		L3TX	385		L4	1.8	507								
L3	1	1.9	L3DIAX	223		L3TX	1076		L4	1.9	696								
L3	1	1.11	L3DIAX	120	516	L3TX	326	2466	L4	1.11	440	2182	284	743	60	101.5	7.32	304	5.6
L3	12	12.1	L3DIAX	120		L3TX	503		L4	12.1	483								
L3	12	12.2	L3DIAX	172		L3TX	757		L4	12.2	778								
L3	12	12.3	L3DIAX	56		L3TX	289		L4	12.3	460								
L3	12	12.4	L3DIAX	47		L3TX	223		L4	12.4	336	Dynamic shear force controls							
L3	12	12.5	L3DIAX	26	421	L3TX	100	1871	L4	12.5	143	2201	-330	157	60	79.5	1.98	39	0.7
L3	12	12.6	L3DIAX	26		L3TX	100		L4	12.6	142								
L3	12	12.7	L3DIAX	48		L3TX	226		L4	12.7	340								
L3	12	12.8	L3DIAX	55		L3TX	284		L4	12.8	454								
L3	12	12.9	L3DIAX	173		L3TX	760		L4	12.9	777	Dynamic shear force controls							
L3	12	12.11	L3DIAX	119	421	L3TX	496	1865	L4	12.11	481	2194	-329	158	60	79.5	1.98	39	0.7
L2	1	1.1	L2DIAX	317		L2TX	1918		L3	1.1	646								
L2	1	1.2	L2DIAX	71		L2TX	784		L3	1.2	1224								
L2	1	1.3	L2DIAX	471		L2TX	1559		L3	1.3	425								
L2	1	1.4	L2DIAX	308		L2TX	1449		L3	1.4	417								
L2	1	N/A	L2DIAX	0		L2TX	0		L3	1.5	270								
L2	1	N/A	L2DIAX	0		L2TX	0		L3	1.6	282								
L2	1	N/A	L2DIAX	0		L2TX	0		L3	1.7	428								
L2	1	N/A	L2DIAX	0		L2TX	0		L3	1.8	403								
L2	1	N/A	L2DIAX	0		L2TX	0		L3	1.9	1139								
L2	1	N/A	L2DIAX	0	1166	L2TX	0	5710	L3	1.11	359	5594	117	1260					
L2	12	12.1	L2DIAX	68		L2TX	438		L3	12.1	537								
L2	12	12.2	L2DIAX	127		L2TX	681		L3	12.2	805								
L2	12	12.3	L2DIAX	58		L2TX	384		L3	12.3	305								
L2	12	12.4	L2DIAX	70		L2TX	311		L3	12.4	236								
L2	12	12.5	L2DIAX	52	375	L2TX	120	1935	L3	12.5	107	1989	-53	333	60	79.5	4.18	82	1.5
L2	12	12.6	L2DIAX	51		L2TX	121		L3	12.6	107								
L2	12	12.7	L2DIAX	71		L2TX	315		L3	12.7	240								
L2	12	12.8	L2DIAX	57		L2TX	377		L3	12.8	299								
L2	12	12.9	L2DIAX	130		L2TX	680		L3	12.9	809								
L2	12	12.11	L2DIAX	72	381	L2TX	431	1925	L3	12.11	529	1983	-58	334	60	79.5	4.20	82	1.5

Hall of Justice
Y-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V	ΣV	Level	Pier	V	ΣV	ΔV	Drag Wall L	Design Total L	As=Pu/60ksi F	P	Pu	As	Fp As	Max As	Pier ΔV
				{kips}	{kips}	Above		{kips}	{kips}	{kips}	{ft}	{ft}	{k/ft}	{kips}	{kips}	{in^2}	{in^2}	{in^2}	{kips}
RF	A	A-1	DY	335		N/A	N/A	0											335
RF	A	A-2	DY	255	589	N/A	N/A	0	0	589	25.75	181	6.56	420	1083	18.0	7.8	18.0	255
RF	A	A-9	DY	259		N/A	N/A	0											259
RF	A	A-10	DY	340	598	N/A	N/A	0	0	598	25.75	181	6.56	429	1106	18.4	8.0	18.4	340
RF	P	P-1	DY	370		N/A	N/A	0											370
RF	P	P-2	DY	281	651	N/A	N/A	0	0	651	25.75	181	7.38	461	1188	19.8	8.5	19.8	281
RF	P	P-9	DY	296		N/A	N/A	0											296
RF	P	P-10	DY	388	684	N/A	N/A	0	0	684	25.75	181	7.38	494	1273	21.2	9.1	21.2	388
L14	A	A-1	DY	622		RF	A-1	335											287
L14	A	A-2	DY	358	980	RF	A-2	255	589	390	25.75	181	4.25	281	630	10.5	6.9	10.5	103
L14	A	A-9	DY	362		RF	A-9	259											104
L14	A	A-10	DY	614	977	RF	A-10	340	598	378	25.75	181	4.25	269	602	10.0	6.8	10.0	275
L14	P	P-1	DY	692		RF	P-1	370											323
L14	P	P-2	DY	388	1080	RF	P-2	281	651	429	25.75	181	4.68	308	691	11.5	6.8	11.5	106
L14	P	P-9	DY	403		RF	P-9	296											107
L14	P	P-10	DY	699	1102	RF	P-10	388	684	418	25.75	181	4.68	297	666	11.1	6.8	11.1	311
L12	A	A-1	DY	378		L14	A-1	622											-244
L12	A	A-2	DY	733	1111	L14	A-2	358	980	131	25.75	181	1.65	88	198	3.3	5.4	5.4	375
L12	A	A-9	DY	761		L14	A-9	362											398
L12	A	A-10	DY	384	1145	L14	A-10	614	977	169	25.75	181	1.65	126	282	4.7	6.2	6.2	-230
L12	P	P-1	DY	395		L14	P-1	692											-298
L12	P	P-2	DY	818	1213	L14	P-2	388	1080	133	25.75	181	1.64	90	202	3.4	5.6	5.6	431
L12	P	P-9	DY	838		L14	P-9	403											436
L12	P	P-10	DY	428	1266	L14	P-10	699	1102	164	25.75	181	1.64	122	274	4.6	6.1	6.1	-271
L10	A	A-1	DY	-252		L12	A-1	378											-630
L10	A	A-2	DY	384		L12	A-2	733											-349
L10	A	A-3	DY	483		L12	N/A	0											483
L10	A	A-4	DY	251	866	L12	N/A	0	1111	-245	49	57.5	-4.26	-36	-81	-1.4	0.7	1.4	251
L10	A	A-6	DY	222		L12	N/A	0											222
L10	A	A-7	DY	475		L12	N/A	0											475
L10	A	A-8	DY	523		L12	N/A	0											523
L10	A	A-9	DY	416		L12	A-9	761											-345
L10	A	A-10	DY	-243	1393	L12	A-10	384	1145	248	60	79.5	3.12	61	136	2.3	3.5	3.5	-628
L10	P	P-1	DY	-310		L12	P-1	395											-704
L10	P	P-2	DY	346		L12	P-2	818											-472
L10	P	P-3	DY	328		L12	N/A	0											328
L10	P	P-4	DY	370		L12	N/A	0											370
L10	P	P-5	DY	289	1023	L12	N/A	0	1213	-190	60	181	0.18	-201	-450	-7.5	-0.6	7.5	289
L10	P	P-6	DY	237		L12	N/A	0											237
L10	P	P-7	DY	514		L12	N/A	0											514
L10	P	P-8	DY	571		L12	N/A	0											571
L10	P	P-9	DY	450		L12	P-9	838											-389
L10	P	P-10	DY	-283	1489	L12	P-10	428	1266	222	60	181	0.18	212	474	7.9	7.1	7.9	-712

Hall of Justice
Y-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V	ΣV	Level Above	Pier	V	ΣV	ΔV	Drag Wall L	Design Total L	As=Pu/60ksi F	P	Pu	As	Fp As	Max As	Pier ΔV
				{kips}	{kips}			{kips}	{kips}	{kips}	{ft}	{ft}	{k/ft}	{kips}	{kips}	{in^2}	{in^2}	{in^2}	{kips}
L9	A	A-1	DY	328		L10	A-1	-252											580
L9	A	A-2	DY	542		L10	A-2	384											159
L9	A	A-3	DY	288		L10	A-3	483											-195
L9	A	A-4	DY	234	1392	L10	A-4	251	866	526	57.5	57.5	9.15	0	0	0.0	0.0	0.0	-17
L9	A	A-6	DY	98		L10	A-6	222											-123
L9	A	A-7	DY	246		L10	A-7	475											-229
L9	A	A-8	DY	290		L10	A-8	523											-233
L9	A	A-9	DY	556		L10	A-9	416											140
L9	A	A-10	DY	329	1520	L10	A-10	-243	1393	127	60	79.5	1.60	31	70	1.2	1.3	1.3	573
L9	P	P-1	DY	372		L10	P-1	-310											682
L9	P	P-2	DY	528		L10	P-2	346											182
L9	P	P-3	DY	130		L10	P-3	328											-198
L9	P	P-4	DY	110		L10	P-4	370											-260
L9	P	P-5	DY	91	1231	L10	P-5	289	1023	208	60	181	2.82	39	87	1.5	1.1	1.5	-198
L9	P	P-6	DY	112		L10	P-6	237											-125
L9	P	P-7	DY	280		L10	P-7	514											-234
L9	P	P-8	DY	333		L10	P-8	571											-238
L9	P	P-9	DY	658		L10	P-9	450											208
L9	P	P-10	DY	408	1791	L10	P-10	-283	1489	302	60	181	2.82	133	298	5.0	3.4	5.0	692
L8	A	A-1	DY	317		L9	A-1	328											-11
L8	A	A-2	DY	558		L9	A-2	542											16
L8	A	A-3	DY	340		L9	A-3	288											52
L8	A	A-4	DY	345		L9	A-4	234											111
L8	A	A-5	DY	243	1803	L9	N/A	0	1392	411	60	181	2.53	259	581	9.7	6.1	9.7	243
L8	A	A-6	DY	102		L9	A-6	98											4
L8	A	A-7	DY	259		L9	A-7	246											13
L8	A	A-8	DY	329		L9	A-8	290											39
L8	A	A-9	DY	559		L9	A-9	556											3
L8	A	A-10	DY	317	1566	L9	A-10	329	1520	46	60	181	2.53	-105	-236	-3.9	0.1	3.9	-12
L8	P	P-1	DY	379		L9	P-1	372											7
L8	P	P-2	DY	579		L9	P-2	528											51
L8	P	P-3	DY	171		L9	P-3	130											41
L8	P	P-4	DY	126		L9	P-4	110											16
L8	P	P-5	DY	98	1353	L9	P-5	91	1231	122	60	181	1.45	35	78	1.3	1.6	1.6	7
L8	P	P-6	DY	122		L9	P-6	112											9
L8	P	P-7	DY	301		L9	P-7	280											21
L8	P	P-8	DY	383		L9	P-8	333											50
L8	P	P-9	DY	701		L9	P-9	658											43
L8	P	P-10	DY	425	1932	L9	P-10	408	1791	141	60	181	1.45	54	120	2.0	3.5	3.5	
L7	A	A-1	DY	395		L8	A-1	317											78
L7	A	A-2	DY	608		L8	A-2	558											50
L7	A	A-3	DY	349		L8	A-3	340											9
L7	A	A-4	DY	311		L8	A-4	345											-34
L7	A	A-5	DY	119	1781	L8	A-5	243	1803	-22	60	181	0.48	-51	-113	-1.9	1.5	1.9	-124
L7	A	A-6	DY	104		L8	A-6	102											2
L7	A	A-7	DY	258		L8	A-7	259											-1
L7	A	A-8	DY	321		L8	A-8	329											-8
L7	A	A-9	DY	602		L8	A-9	559											43
L7	A	A-10	DY	391	1675	L8	A-10	317	1566	109	60	181	0.48	80	179	3.0	3.3	3.3	74
L7	P	P-1	DY	411		L8	P-1	379											32
L7	P	P-2	DY	653		L8	P-2	579											74
L7	P	P-3	DY	433		L8	P-3	171											262
L7	P	P-4	DY	252		L8	P-4	126											125
L7	P	P-5	DY	108	1857	L8	P-5	98	1353	504	60	181	2.18	373	835	13.9	8.0	13.9	10
L7	P	P-6	DY	109		L8	P-6	122											-13
L7	P	P-7	DY	276		L8	P-7	301											-26
L7	P	P-8	DY	348		L8	P-8	383											-35
L7	P	P-9	DY	655		L8	P-9	701											-47
L7	P	P-10	DY	437	1824	L8	P-10	425	1932	-108	60	181	2.18	-239	-536	-8.9	-1.7	8.9	

Hall of Justice
Y-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Drag Wall L {ft}	Design Total L {ft}	As=Pu/60ksi F {k/ft}	P {kips}	Pu {kips}	As {in^2}	Fp As {in^2}	Max As {in^2}	Pier ΔV {kips}
L6	A	A-1	DY	430		L7	A-1	395											36
L6	A	A-2	DY	652		L7	A-2	608											44
L6	A	A-3	DY	387		L7	A-3	349											38
L6	A	A-4	DY	311		L7	A-4	311											0
L6	A	A-5	DY	143	1923	L7	A-5	119	1781	142	60	181	1.57	48	108	1.8	2.6	2.6	24
L6	A	A-6	DY	115		L7	A-6	104											11
L6	A	A-7	DY	279		L7	A-7	258											21
L6	A	A-8	DY	355		L7	A-8	321											34
L6	A	A-9	DY	640		L7	A-9	602											39
L6	A	A-10	DY	428	1817	L7	A-10	391	1675	141	60	181	1.57	47	106	1.8	2.5	2.5	37
L6	P	P-1	DY	446		L7	P-1	411											35
L6	P	P-2	DY	681		L7	P-2	653											28
L6	P	P-3	DY	442		L7	P-3	433											9
L6	P	P-4	DY	360		L7	P-4	252											108
L6	P	P-5	DY	113	2041	L7	P-5	108	1857	185	60	181	1.64	86	193	3.2	3.2	3.2	5
L6	P	P-6	DY	118		L7	P-6	109											9
L6	P	P-7	DY	288		L7	P-7	276											12
L6	P	P-8	DY	372		L7	P-8	348											24
L6	P	P-9	DY	688		L7	P-9	655											34
L6	P	P-10	DY	470	1935	L7	P-10	437	1824	112	60	181	1.64	14	30	0.5	2.0	2.0	33
L5	A	A-1	DY	538		L6	A-1	430											108
L5	A	A-2	DY	791		L6	A-2	652											139
L5	A	A-3	DY	324		L6	A-3	387											-63
L5	A	A-4	DY	292		L6	A-4	311											-19
L5	A	A-5	DY	117	2062	L6	A-5	143	1923	139	60	181	1.63	41	92	1.5	2.5	2.5	-27
L5	A	A-6	DY	110		L6	A-6	115											-5
L5	A	A-7	DY	241		L6	A-7	279											-38
L5	A	A-8	DY	293		L6	A-8	355											-62
L5	A	A-9	DY	795		L6	A-9	640											154
L5	A	A-10	DY	534	1973	L6	A-10	428	1817	156	60	181	1.63	59	131	2.2	2.8	2.8	107
L5	P	P-1	DY	564		L6	P-1	446											118
L5	P	P-2	DY	830		L6	P-2	681											149
L5	P	P-3	DY	340		L6	P-3	442											-102
L5	P	P-4	DY	267		L6	P-4	360											-93
L5	P	P-5	DY	120	2120	L6	P-5	113	2041	79	60	181	1.39	-4	-9	-0.2	1.8	1.8	7
L5	P	P-6	DY	107		L6	P-6	118											-10
L5	P	P-7	DY	241		L6	P-7	288											-47
L5	P	P-8	DY	302		L6	P-8	372											-70
L5	P	P-9	DY	854		L6	P-9	688											166
L5	P	P-10	DY	603	2107	L6	P-10	470	1935	172	60	181	1.39	89	199	3.3	3.3	3.3	133
L4	A	A-1	DY	419		L5	A-1	538											-120
L4	A	A-2	DY	703		L5	A-2	791											-88
L4	A	A-3	DY	465		L5	A-3	324											141
L4	A	A-4	DY	438		L5	A-4	292											145
L4	A	A-5	DY	435	2460	L5	A-5	117	2062	398	60	181	2.04	275	616	10.3	7.0	10.3	318
L4	A	A-6	DY	113		L5	A-6	110											2
L4	A	A-7	DY	329		L5	A-7	241											88
L4	A	A-8	DY	437		L5	A-8	293											144
L4	A	A-9	DY	645		L5	A-9	795											-149
L4	A	A-10	DY	421	1945	L5	A-10	534	1973	-28	60	181	2.04	-150	-337	-5.6	-0.8	5.6	-113
L4	P	P-1	DY	424		L5	P-1	564											-140
L4	P	P-2	DY	747		L5	P-2	830											-83
L4	P	P-3	DY	478		L5	P-3	340											139
L4	P	P-4	DY	352		L5	P-4	267											84
L4	P	P-5	DY	134	2135	L5	P-5	120	2120	15	60	181	1.26	-61	-137	-2.3	1.2	2.3	14
L4	P	P-6	DY	117		L5	P-6	107											9
L4	P	P-7	DY	309		L5	P-7	241											68
L4	P	P-8	DY	414		L5	P-8	302											112
L4	P	P-9	DY	866		L5	P-9	854											12
L4	P	P-10	DY	616	2321	L5	P-10	603	2107	214	60	181	1.26	138	309	5.2	4.0	5.2	13

Hall of Justice
Y-direction shear walls dynamic analysis forces

Pu=.8P*2.8 scaling 80%. At roof using (Fp/F)*P*2.8

Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Drag Wall L {ft}	Design Total L {ft}	As=Pu/60ksi F {k/ft}	P {kips}	Pu {kips}	As {in^2}	Fp As {in^2}	Max As {in^2}	Pier ΔV {kips}
L3	A	A-1	DY	327		L4	A-1	419											-91
L3	A	A-2	DY	598		L4	A-2	703											-105
L3	A	A-3	DY	265		L4	A-3	465											-201
L3	A	A-4	DY	280		L4	A-4	438											-157
L3	A	A-5	DY	492		L4	A-5	435											56
L3	A	A-5.1	DY	651		L4	N/A	0											651
L3	A	A-5.2	DY	239	2852	L4	N/A	0	2460	392	See hand calc								239
L3	A	A-6	DY	232		L4	A-6	113											119
L3	A	A-7	DY	361		L4	A-7	329											32
L3	A	A-8	DY	350		L4	A-8	437											-87
L3	A	A-9	DY	1050		L4	A-9	645											405
L3	A	A-10	DY	546	2539	L4	A-10	421	1945	594	See hand calc								125
L3	P	P-1	DY	634		L4	P-1	424											210
L3	P	P-2	DY	899		L4	P-2	747											152
L3	P	P-3	DY	336		L4	P-3	478											-143
L3	P	P-4	DY	250		L4	P-4	352											-102
L3	P	P-5	DY	127	2246	L4	P-5	134	2135	111	60	181	-2.44	258	578	9.6	5.8	9.6	-6
L3	P	P-6	DY	114		L4	P-6	117											-2
L3	P	P-7	DY	258		L4	P-7	309											-51
L3	P	P-8	DY	308		L4	P-8	414											-107
L3	P	P-9	DY	574		L4	P-9	866											-292
L3	P	P-10	DY	514	1768	L4	P-10	616	2321	-554	60	181	-2.44	-407	-912	-15.2	-4.7	15.2	-102
L2	A	A-1	DY	305		L3	A-1	327											-23
L2	A	A-2	DY	508		L3	A-2	598											-90
L2	A	A-3	DY	283		L3	A-3	265											18
L2	A	A-4	DY	278		L3	A-4	280											-2
L2	A	A-5	DY	338		L3	A-5	492											-153
L2	A	A-5.1	DY	335		L3	A-5.1	651											-316
L2	A	A-5.2	DY	187	2233	L3	A-5.2	239	2852	-619									-52
L2	A	A-6	DY	1789		L3	A-6	232											1557
L2	A	A-7	DY	1910		L3	A-7	361											1549
L2	A	N/A	DY	0		L3	A-8	350											-350
L2	A	N/A	DY	0		L3	A-9	1050											-1050
L2	A	N/A	DY	0	3699	L3	A-10	546	2539	1160									-546
L2	P	P-1	DY	651		L3	P-1	634											17
L2	P	P-2	DY	826		L3	P-2	899											-73
L2	P	P-3	DY	428		L3	P-3	336											92
L2	P	P-4	DY	253		L3	P-4	250											3
L2	P	P-5	DY	214	2372	L3	P-5	127	2246	126	60	181	1.44	39	88	1.5	2.7	2.7	87
L2	P	P-6	DY	205		L3	P-6	114											91
L2	P	P-7	DY	428		L3	P-7	258											170
L2	P	P-8	DY	409		L3	P-8	308											101
L2	P	P-9	DY	741		L3	P-9	574											168
L2	P	P-10	DY	119	1903	L3	P-10	514	1768	135	60	181	1.44	49	109	1.8	2.1	2.1	-395
L1	A	A-1	DY	2316		L2	A-1	305											2011
L1	A	A-6	DY	1573		L2	A-2	508											1065
L1	A	A-7	DY	1994		L2	A-3	283											1711
L1	A	N/A	DY	0		L2	A-4	278											-278
L1	A	N/A	DY	0		L2	A-5	338											-338
L1	A	N/A	DY	0		L2	A-5.1	335											-335
L1	A	N/A	DY	0		L2	A-5.2	187											-187
L1	A	N/A	DY	0		L2	A-6	1789											-1789
L1	A	N/A	DY	0	5882	L2	A-7	1910	5932	-50									-1910
L1	P	P-1	DY	2132		L2	P-1	651											1481
L1	P	P-2	DY	578		L2	P-2	826											-248
L1	P	P-3	DY	1655		L2	P-3	428											1227
L1	P	N/A	DY	0		L2	P-4	253											-253
L1	P	N/A	DY	0		L2	P-5	214											-214
L1	P	N/A	DY	0		L2	P-6	205											-205
L1	P	N/A	DY	0		L2	P-7	428											-428
L1	P	N/A	DY	0		L2	P-8	409											-409
L1	P	N/A	DY	0		L2	P-9	741											-741
L1	P	N/A	DY	0	4365	L2	P-10	119	4275	90									-119

Hall of Justice
X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfe {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As {in^2}
RF	A	A-1	DY	335		N/A	0		N/A	N/A	0								
RF	A	A-2	DY	255	589	N/A	0		N/A	N/A	0			589	25.75	181	6.56	420	7.8
RF	A	A-9	DY	259		N/A	0		N/A	N/A	0								
RF	A	A-10	DY	340	598	N/A	0		N/A	N/A	0			598	25.75	181	6.56	429	8.0
RF	P	P-1	DY	370		N/A	0		N/A	N/A	0								
RF	P	P-2	DY	281	651	N/A	0		N/A	N/A	0			651	25.75	181	7.38	461	8.5
RF	P	P-9	DY	296		N/A	0		N/A	N/A	0								
RF	P	P-10	DY	388	684	N/A	0		N/A	N/A	0			684	25.75	181	7.38	494	9.1
L14	A	A-1	L14DIAY	320		L14TY	405		RF	A-1	359								
L14	A	A-2	L14DIAY	192	512	L14TY	225	630	RF	A-2	266	625	5	516	25.75	181	5.67	370	6.9
L14	A	A-9	L14DIAY	195		L14TY	229		RF	A-9	271								
L14	A	A-10	L14DIAY	318	513	L14TY	403	632	RF	A-10	364	635	-3	511	25.75	181	5.67	365	6.8
L14	P	P-1	L14DIAY	319		L14TY	405		RF	P-1	356								
L14	P	P-2	L14DIAY	190	509	L14TY	222	627	RF	P-2	264	620	7	515	25.75	181	5.68	369	6.8
L14	P	P-9	L14DIAY	196		L14TY	231		RF	P-9	274								
L14	P	P-10	L14DIAY	320	516	L14TY	407	638	RF	P-10	367	641	-3	514	25.75	181	5.68	367	6.8
L12	A	A-1	L12DIAY	196		L12TY	318		L14	A-1	657								
L12	A	A-2	L12DIAY	236	432	L12TY	698	1016	L14	A-2	377	1034	-18	418	25.75	181	4.85	293	5.4
L12	A	A-9	L12DIAY	246		L12TY	728		L14	A-9	383								
L12	A	A-10	L12DIAY	198	444	L12TY	329	1057	L14	A-10	654	1037	20	459	25.75	181	4.85	335	6.2
L12	P	P-1	L12DIAY	191		L12TY	302		L14	P-1	657								
L12	P	P-2	L12DIAY	243	434	L12TY	718	1020	L14	P-2	372	1029	-9	427	25.75	181	4.88	301	5.6
L12	P	P-9	L12DIAY	247		L12TY	732		L14	P-9	386								
L12	P	P-10	L12DIAY	198	445	L12TY	329	1061	L14	P-10	659	1046	15	457	25.75	181	4.88	331	6.1
L10	A	A-1	L10DIAY	136		L10TY	-195		L12	A-1	383								
L10	A	A-2	L10DIAY	194		L10TY	322		L12	A-2	776								
L10	A	A-3	L10DIAY	93		L10TY	503		L12	N/A	0								
L10	A	A-4	L10DIAY	42	465	L10TY	264	894	L12	N/A	0	1159	-265	253	49	57.5	4.39	37	0.7
L10	A	A-6	L10DIAY	36		L10TY	232		L12	N/A	0								
L10	A	A-7	L10DIAY	82		L10TY	498		L12	N/A	0								
L10	A	A-8	L10DIAY	99		L10TY	548		L12	N/A	0								
L10	A	A-9	L10DIAY	204		L10TY	366		L12	A-9	809								
L10	A	A-10	L10DIAY	137	557	L10TY	-180	1465	L12	A-10	394	1203	282	767	60	79.5	9.65	188	3.5
L10	P	P-1	L10DIAY	123		L10TY	-246		L12	P-1	366								
L10	P	P-2	L10DIAY	183		L10TY	247		L12	P-2	798								
L10	P	P-3	L10DIAY	68		L10TY	313		L12	N/A	0								
L10	P	P-4	L10DIAY	64		L10TY	357		L12	N/A	0								
L10	P	P-5	L10DIAY	47	485	L10TY	280	951	L12	N/A	0	1163	-213	314	60	181	5.77	-32	-0.6
L10	P	P-6	L10DIAY	35		L10TY	230		L12	N/A	0								
L10	P	P-7	L10DIAY	81		L10TY	497		L12	N/A	0								
L10	P	P-8	L10DIAY	99		L10TY	548		L12	N/A	0								
L10	P	P-9	L10DIAY	200		L10TY	355		L12	P-9	813								
L10	P	P-10	L10DIAY	133	548	L10TY	-193	1436	L12	P-10	394	1208	228	731	60	181	5.77	384	7.1

Hall of Justice

X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfe {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As {in^2}
L9	A	A-1	L9DIAY	121		L9TY	253		L10	A-1	-156								
L9	A	A-2	L9DIAY	166		L9TY	500		L10	A-2	377								
L9	A	A-3	L9DIAY	62		L9TY	295		L10	A-3	530								
L9	A	A-4	L9DIAY	43	391	L9TY	246	1294	L10	A-4	276	1026	268	606	57.5	57.5	10.53	0	0.0
L9	A	A-6	L9DIAY	25		L9TY	102		L10	A-6	243								
L9	A	A-7	L9DIAY	49		L9TY	259		L10	A-7	521								
L9	A	A-8	L9DIAY	60		L9TY	302		L10	A-8	576								
L9	A	A-9	L9DIAY	167		L9TY	525		L10	A-9	424								
L9	A	A-10	L9DIAY	120	421	L9TY	263	1451	L10	A-10	-141	1623	-172	283	60	79.5	3.56	69	1.3
L9	P	P-1	L9DIAY	125		L9TY	263		L10	P-1	-211								
L9	P	P-2	L9DIAY	155		L9TY	446		L10	P-2	299								
L9	P	P-3	L9DIAY	26		L9TY	123		L10	P-3	332								
L9	P	P-4	L9DIAY	21		L9TY	107		L10	P-4	375								
L9	P	P-5	L9DIAY	21	347	L9TY	88	1027	L10	P-5	293	1088	-61	298	60	181	4.00	58	1.1
L9	P	P-6	L9DIAY	26		L9TY	108		L10	P-6	240								
L9	P	P-7	L9DIAY	53		L9TY	271		L10	P-7	520								
L9	P	P-8	L9DIAY	64		L9TY	317		L10	P-8	576								
L9	P	P-9	L9DIAY	178		L9TY	567		L10	P-9	411								
L9	P	P-10	L9DIAY	130	451	L9TY	299	1561	L10	P-10	-155	1592	-31	428	60	181	4.00	186	3.4
L8	A	A-1	L8DIAY	127		L8TY	204		L9	A-1	295								
L8	A	A-2	L8DIAY	187		L8TY	476		L9	A-2	557								
L8	A	A-3	L8DIAY	75		L8TY	350		L9	A-3	316								
L8	A	A-4	L8DIAY	58		L8TY	373		L9	A-4	261								
L8	A	A-5	L8DIAY	24	471	L8TY	269	1672	L9	N/A	0	1429	243	666	60	181	5.57	332	6.1
L8	A	A-6	L8DIAY	26		L8TY	110		L9	A-6	111								
L8	A	A-7	L8DIAY	57		L8TY	276		L9	A-7	276								
L8	A	A-8	L8DIAY	72		L8TY	343		L9	A-8	322								
L8	A	A-9	L8DIAY	185		L8TY	494		L9	A-9	582								
L8	A	A-10	L8DIAY	126	466	L8TY	218	1440	L9	A-10	304	1596	-155	342	60	181	5.57	8	0.1
L8	P	P-1	L8DIAY	132		L8TY	251		L9	P-1	306								
L8	P	P-2	L8DIAY	178		L8TY	470		L9	P-2	499								
L8	P	P-3	L8DIAY	30		L8TY	169		L9	P-3	132								
L8	P	P-4	L8DIAY	22		L8TY	128		L9	P-4	114								
L8	P	P-5	L8DIAY	24	386	L8TY	98	1115	L9	P-5	95	1147	-31	361	60	181	4.55	88	1.6
L8	P	P-6	L8DIAY	28		L8TY	121		L9	P-6	117								
L8	P	P-7	L8DIAY	60		L8TY	297		L9	P-7	289								
L8	P	P-8	L8DIAY	76		L8TY	369		L9	P-8	339								
L8	P	P-9	L8DIAY	199		L8TY	584		L9	P-9	628								
L8	P	P-10	L8DIAY	138	501	L8TY	298	1669	L9	P-10	343	1716	-48	463	60	181	4.55	190	3.5
L7	A	A-1	L7DIAY	121		L7TY	342		L8	A-1	247								
L7	A	A-2	L7DIAY	173		L7TY	553		L8	A-2	541								
L7	A	A-3	L7DIAY	72		L7TY	348		L8	A-3	376								
L7	A	A-4	L7DIAY	58		L7TY	326		L8	A-4	393								
L7	A	A-5	L7DIAY	29	453	L7TY	123	1692	L8	A-5	278	1835	-143	339	60	181	4.26	83	1.5
L7	A	A-6	L7DIAY	28		L7TY	104		L8	A-6	119								
L7	A	A-7	L7DIAY	57		L7TY	262		L8	A-7	295								
L7	A	A-8	L7DIAY	68		L7TY	318		L8	A-8	368								
L7	A	A-9	L7DIAY	172		L7TY	555		L8	A-9	558								
L7	A	A-10	L7DIAY	120	445	L7TY	347	1586	L8	A-10	261	1601	-15	432	60	181	4.26	177	3.3
L7	P	P-1	L7DIAY	122		L7TY	327		L8	P-1	297								
L7	P	P-2	L7DIAY	170		L7TY	574		L8	P-2	532								
L7	P	P-3	L7DIAY	63		L7TY	432		L8	P-3	179								
L7	P	P-4	L7DIAY	47		L7TY	241		L8	P-4	135								
L7	P	P-5	L7DIAY	27	429	L7TY	102	1676	L8	P-5	106	1249	427	771	60	181	5.61	434	8.0
L7	P	P-6	L7DIAY	28		L7TY	101		L8	P-6	131								
L7	P	P-7	L7DIAY	57		L7TY	259		L8	P-7	317								
L7	P	P-8	L7DIAY	69		L7TY	319		L8	P-8	395								
L7	P	P-9	L7DIAY	177		L7TY	552		L8	P-9	653								
L7	P	P-10	L7DIAY	124	455	L7TY	348	1579	L8	P-10	346	1842	-262	245	60	181	5.61	-92	-1.7

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X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfer {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As. {in^2}
L6	A	A-1	L6DIAY	111		L6TY	384		L7	A-1	385								
L6	A	A-2	L6DIAY	154		L6TY	607		L7	A-2	613								
L6	A	A-3	L6DIAY	68		L6TY	386		L7	A-3	373								
L6	A	A-4	L6DIAY	56		L6TY	318		L7	A-4	347								
L6	A	A-5	L6DIAY	29	418	L6TY	151	1845	L7	A-5	133	1851	-5	413	60	181	4.52	143	2.6
L6	A	A-6	L6DIAY	27		L6TY	115		L7	A-6	114								
L6	A	A-7	L6DIAY	54		L6TY	278		L7	A-7	281								
L6	A	A-8	L6DIAY	64		L6TY	352		L7	A-8	342								
L6	A	A-9	L6DIAY	153		L6TY	602		L7	A-9	615								
L6	A	A-10	L6DIAY	110	407	L6TY	391	1738	L7	A-10	389	1742	-4	404	60	181	4.52	133	2.5
L6	P	P-1	L6DIAY	111		L6TY	373		L7	P-1	370								
L6	P	P-2	L6DIAY	151		L6TY	612		L7	P-2	634								
L6	P	P-3	L6DIAY	65		L6TY	431		L7	P-3	454								
L6	P	P-4	L6DIAY	53		L6TY	357		L7	P-4	258								
L6	P	P-5	L6DIAY	26	406	L6TY	106	1878	L7	P-5	111	1826	52	448	60	181	4.60	172	3.2
L6	P	P-6	L6DIAY	26		L6TY	110		L7	P-6	111								
L6	P	P-7	L6DIAY	53		L6TY	267		L7	P-7	279								
L6	P	P-8	L6DIAY	65		L6TY	342		L7	P-8	344								
L6	P	P-9	L6DIAY	156		L6TY	596		L7	P-9	613								
L6	P	P-10	L6DIAY	113	414	L6TY	388	1703	L7	P-10	392	1739	-36	386	60	181	4.60	109	2.0
L5	A	A-1	L5DIAY	126		L5TY	498		L6	A-1	424								
L5	A	A-2	L5DIAY	172		L5TY	751		L6	A-2	662								
L5	A	A-3	L5DIAY	54		L5TY	325		L6	A-3	410								
L5	A	A-4	L5DIAY	49		L5TY	302		L6	A-4	339								
L5	A	A-5	L5DIAY	26	427	L5TY	117	1992	L6	A-5	131	1997	-4	423	60	181	4.76	137	2.5
L5	A	A-6	L5DIAY	25		L5TY	109		L6	A-6	125								
L5	A	A-7	L5DIAY	44		L5TY	242		L6	A-7	298								
L5	A	A-8	L5DIAY	50		L5TY	293		L6	A-8	375								
L5	A	A-9	L5DIAY	172		L5TY	765		L6	A-9	657								
L5	A	A-10	L5DIAY	124	414	L5TY	508	1916	L6	A-10	431	1885	31	439	60	181	4.76	153	2.8
L5	P	P-1	L5DIAY	125		L5TY	498		L6	P-1	413								
L5	P	P-2	L5DIAY	169		L5TY	763		L6	P-2	667								
L5	P	P-3	L5DIAY	51		L5TY	332		L6	P-3	455								
L5	P	P-4	L5DIAY	43		L5TY	262		L6	P-4	376								
L5	P	P-5	L5DIAY	24	411	L5TY	115	1970	L6	P-5	115	2025	-55	367	60	181	4.53	96	1.8
L5	P	P-6	L5DIAY	24		L5TY	99		L6	P-6	119								
L5	P	P-7	L5DIAY	43		L5TY	226		L6	P-7	287								
L5	P	P-8	L5DIAY	50		L5TY	280		L6	P-8	365								
L5	P	P-9	L5DIAY	178		L5TY	759		L6	P-9	652								
L5	P	P-10	L5DIAY	130	425	L5TY	523	1886	L6	P-10	429	1853	33	452	60	181	4.53	180	3.3
L4	A	A-1	L4DIAY	112		L4TY	361		L5	A-1	540								
L4	A	A-2	L4DIAY	167		L4TY	641		L5	A-2	809								
L4	A	A-3	L4DIAY	82		L4TY	461		L5	A-3	343								
L4	A	A-4	L4DIAY	74		L4TY	454		L5	A-4	318								
L4	A	A-5	L4DIAY	55	490	L4TY	487	2403	L5	A-5	126	2136	268	704	60	181	5.46	376	7.0
L4	A	A-6	L4DIAY	25		L4TY	118		L5	A-6	117								
L4	A	A-7	L4DIAY	62		L4TY	329		L5	A-7	257								
L4	A	A-8	L4DIAY	76		L4TY	432		L5	A-8	309								
L4	A	A-9	L4DIAY	150		L4TY	614		L5	A-9	823								
L4	A	A-10	L4DIAY	105	418	L4TY	395	1889	L5	A-10	549	2055	-166	285	60	181	5.46	-43	-0.8
L4	P	P-1	L4DIAY	103		L4TY	371		L5	P-1	540								
L4	P	P-2	L4DIAY	160		L4TY	686		L5	P-2	820								
L4	P	P-3	L4DIAY	77		L4TY	462		L5	P-3	349								
L4	P	P-4	L4DIAY	60		L4TY	345		L5	P-4	276								
L4	P	P-5	L4DIAY	26	426	L4TY	135	1999	L5	P-5	123	2108	-109	339	60	181	4.61	62	1.2
L4	P	P-6	L4DIAY	25		L4TY	113		L5	P-6	107								
L4	P	P-7	L4DIAY	59		L4TY	285		L5	P-7	240								
L4	P	P-8	L4DIAY	72		L4TY	380		L5	P-8	297								
L4	P	P-9	L4DIAY	189		L4TY	746		L5	P-9	819								
L4	P	P-10	L4DIAY	138	482	L4TY	520	2045	L5	P-10	567	2029	16	495	60	181	4.61	219	4.0

Hall of Justice

X-direction shear walls Fp forces and forces due to transfer of load due to change in stiffness of lateral system

Level	Elev	Pier	Fp Loading Case	V {kips}	ΣV {kips}	Transfer Loading Case	V {kips}	ΣV {kips}	Level Above	Pier	V {kips}	ΣV {kips}	ΔV {kips}	Fp + .8*Transfer {kips}	Drag Design Wall L {ft}	Total L {ft}	As = Pu/(.9*60ksi) F {k/ft}	Pu {kips}	As {in^2}
L3	A	A-1	L3DIAY	98		L3TY	257		L4	A-1	396								
L3	A	A-2	L3DIAY	155		L3TY	516		L4	A-2	693								
L3	A	A-3	L3DIAY	53		L3TY	249		L4	A-3	487								
L3	A	A-4	L3DIAY	53		L3TY	280		L4	A-4	477								
L3	A	A-5	L3DIAY	59		L3TY	546		L4	A-5	504								
L3	A	A-5.1	L3DIAY	59		L3TY	740		L4	N/A	0								
L3	A	A-5.2	L3DIAY	27	506	L3TY	266	2855	L4	N/A	0	2556	299	805	See hand calc				
L3	A	A-6	L3DIAY	45		L3TY	232		L4	A-6	126								
L3	A	A-7	L3DIAY	67		L3TY	359		L4	A-7	348								
L3	A	A-8	L3DIAY	66		L3TY	341		L4	A-8	456								
L3	A	A-9	L3DIAY	236		L3TY	980		L4	A-9	661								
L3	A	A-10	L3DIAY	143	557	L3TY	480	2390	L4	A-10	428	2019	371	929	See hand calc				
L3	P	P-1	L3DIAY	138		L3TY	565		L4	P-1	403								
L3	P	P-2	L3DIAY	193		L3TY	804		L4	P-2	736								
L3	P	P-3	L3DIAY	63		L3TY	310		L4	P-3	486								
L3	P	P-4	L3DIAY	51		L3TY	229		L4	P-4	363	Dynamic shear force controls							
L3	P	P-5	L3DIAY	29	475	L3TY	118	2026	L4	P-5	144	2132	-106	369	60	181	0.95	312	5.8
L3	P	P-6	L3DIAY	27		L3TY	105		L4	P-6	121								
L3	P	P-7	L3DIAY	53		L3TY	235		L4	P-7	304								
L3	P	P-8	L3DIAY	57		L3TY	282		L4	P-8	402								
L3	P	P-9	L3DIAY	129		L3TY	517		L4	P-9	805	Dynamic shear force controls							
L3	P	P-10	L3DIAY	98	364	L3TY	494	1633	L4	P-10	563	2195	-562	-198	60	181	0.95	-255	-4.7
L2	A	A-1	L2DIAY	49		L2TY	210		L3	A-1	283								
L2	A	A-2	L2DIAY	99		L2TY	397		L3	A-2	557								
L2	A	A-3	L2DIAY	43		L2TY	261		L3	A-3	264								
L2	A	A-4	L2DIAY	47		L2TY	275		L3	A-4	294								
L2	A	A-5	L2DIAY	50		L2TY	368		L3	A-5	562								
L2	A	A-5.1	L2DIAY	65		L2TY	369		L3	A-5.1	755								
L2	A	A-5.2	L2DIAY	37	390	L2TY	206	2086	L3	A-5.2	273	2988	-903	-512					
L2	A	A-6	L2DIAY	326		L2TY	1967		L3	A-6	243								
L2	A	A-7	L2DIAY	383		L2TY	1540		L3	A-7	377								
L2	A	N/A	L2DIAY	0		L2TY	0		L3	A-8	358								
L2	A	N/A	L2DIAY	0		L2TY	0		L3	A-9	1042								
L2	A	N/A	L2DIAY	0	708	L2TY	0	3507	L3	A-10	517	2537	969	1678					
L2	P	P-1	L2DIAY	94		L2TY	566		L3	P-1	601								
L2	P	P-2	L2DIAY	149		L2TY	723		L3	P-2	855								
L2	P	P-3	L2DIAY	62		L2TY	416		L3	P-3	326								
L2	P	P-4	L2DIAY	71		L2TY	202		L3	P-4	243								
L2	P	P-5	L2DIAY	53	429	L2TY	210	2117	L3	P-5	126	2151	-34	395	60	181	4.19	144	2.7
L2	P	P-6	L2DIAY	76		L2TY	166		L3	P-6	112								
L2	P	P-7	L2DIAY	92		L2TY	405		L3	P-7	249								
L2	P	P-8	L2DIAY	72		L2TY	365		L3	P-8	297								
L2	P	P-9	L2DIAY	138		L2TY	655		L3	P-9	551								
L2	P	P-10	L2DIAY	16	393	L2TY	108	1699	L3	P-10	519	1729	-30	363	60	181	4.19	111	2.1

Hall of Justice
Shear Walls Soil Load Shears

SOIL = static soil load
SOILX1 = x-direction seismic soil load
SOILY2 = y-direction seismic soil load

Pu=1.6H

Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Level	Elev	Pier	Load Case	V {kips}	ΣV {kips}	Drag Wall L {ft}	Design Total L {ft}	As = F F {k/ft}
X-direction						X-direction								
L2	1	1.1	SOIL	-58		L2	1	1.1	SOILX1	118				
L2	1	1.2	SOIL	15		L2	1	1.2	SOILX1	26				
L2	1	1.3	SOIL	25		L2	1	1.3	SOILX1	91				
L2	1	1.4	SOIL	72	53	L2	1	1.4	SOILX1	45	281			
L2	12S	12.1	SOIL	3		L2	12S	12.1	SOILX1	8				
L2	12S	12.2	SOIL	3		L2	12S	12.2	SOILX1	22				
L2	12S	12.3	SOIL	1		L2	12S	12.3	SOILX1	12				
L2	12S	12.4	SOIL	0		L2	12S	12.4	SOILX1	16				
L2	12N	12.5	SOIL	-1	6	L2	12N	12.5	SOILX1	12	70	60	79.5	0.89
L2	12N	12.6	SOIL	2		L2	12N	12.6	SOILX1	3				
L2	12N	12.7	SOIL	3		L2	12N	12.7	SOILX1	6				
L2	12N	12.8	SOIL	2		L2	12N	12.8	SOILX1	6				
L2	12N	12.9	SOIL	4		L2	12N	12.9	SOILX1	13				
L2	12N	12.11	SOIL	1	11	L2	12N	12.11	SOILX1	8	37	60	79.5	0.46
Y-direction						Y-direction								
L2	A	A-1	SOIL	-14		L2	A	A-1	SOILY2	-14				
L2	A	A-2	SOIL	-17		L2	A	A-2	SOILY2	-29				
L2	A	A-3	SOIL	-7		L2	A	A-3	SOILY2	-14				
L2	A	A-4	SOIL	-7		L2	A	A-4	SOILY2	-16				
L2	A	A-5	SOIL	-7		L2	A	A-5	SOILY2	-17				
L2	A	A-6	SOIL	-34	-86	L2	A	A-6	SOILY2	-120	-209			
L2	P	P-1	SOIL	-13		L2	P	P-1	SOILY2	-32				
L2	P	P-2	SOIL	-16		L2	P	P-2	SOILY2	-49				
L2	P	P-3	SOIL	-6		L2	P	P-3	SOILY2	-22				
L2	P	P-4	SOIL	-6		L2	P	P-4	SOILY2	-25				
L2	P	P-5	SOIL	-3		L2	P	P-5	SOILY2	-18				
L2	P	P-6	SOIL	-4		L2	P	P-6	SOILY2	-27				
L2	P	P-7	SOIL	-7		L2	P	P-7	SOILY2	-35				
L2	P	P-8	SOIL	-4		L2	P	P-8	SOILY2	-28				
L2	P	P-9	SOIL	-5		L2	P	P-9	SOILY2	-58				
L2	P	P-10	SOIL	6	-60	L2	P	P-10	SOILY2	-6	-301			

ᵖu/(.9*60ksi)

Pu {kips}	As {in^2}
28	0.5
14	0.3

Hall of Justice
Diaphragm Shear Capacity

$\Phi Vn = .85Acv(LWCFactor\alpha_c*f'c^{.5}+Rho*fy)$

Slab	Concrete Prop f'c {psi}	t {in}	Steel Prop As {in^2}	s {in}	Rho	fy {psi}	LWC Factor	α_c	ΦVn {k/ft}	Max Φ10A*f'c^.5 {k/ft}
4" #3SQ@18"	3200	4	0.141	18	0.0020	42000	1	2	8.0	23.1
4" plain	3200	4	0	18	0.0000	42000	1	2	4.6	23.1
(N) 4"	4000	4	0.31	8	0.0097	60000	1	2	28.9	25.8

Twining Lab Report

Location	f'c {psi}
Level 4 Room 442 South Floor	4370
Level 6 Room 635 South Floor	2380
Level 8 Room 812 Southeast Floor	3820
Level 12 Room 1221 Northeast Floor	1830
Level 12 Room 1216 Southwest Floor	3190
Level 14 Room 1429 Northwest Floor 31.2	1810
Level 14 Room 1429 Northwest Floor 31.3	1930
Level 1 Room 114 East Floor 57.2	2120
Level 1 Room 114 East Floor 57.3	2200
3rd Floor Ceiling 58.2	4530
3rd Floor Ceiling 58.3	4260
3rd Floor Ceiling 59.3	3850
5th Floor	3230
Level 9 Room 949 East Floor 62.2	4790
Level 9 Room 949 East Floor 62.3	3810
Average	3208
Used	3200

Reinforcing Steel

Sample no.	fy {psi}
1.6	40700
2.5	39800
5.4	36700
6.5	41800
3.5	59400
43.5	53000
28.5	39600
28.6	40000
23.4	38100
23.5	40800
17.5	38700
17.6	41900
13.5	37000
13.6	42500
16.5	38900
16.6	40500
12.5	38800
12.6	43300
29.5	40000
29.6	39200
25.5	43400
25.6	41100
32.5	55800
44.6	49700
24.5	39100
24.6	43600
22.4	43300
22.5	41300
Average	42429
Used	42000

Hall of Justice
Diaphragm Shear Check

Vu = E+1.6H E=max (Fp+.8*transfer force, .8*dynamic force)
At Roof using .91Ex & .93Ey to scale to min of Fp and .8E
Force tranferred directly to drag

Shear Transfer to Drag Beams
#4 epoxy dowels (HY-150)

Level	Grid	E {kips}	H {kips}	Mass {kips}	Fp/wp	Fp {kips}	Vu {kips}	L {ft}	Vu {k/ft}	Slab	ΦVn {k/ft}	Vu/ ΦVn	w/ 2" Embed. #	Spacing {in}	ΦVn {k/ft}	w/ 4" Embed. #	Spacing {in}	ΦVn {k/ft}	Total ΦVn {k/ft}	ΦVn {k/ft}
X-direction																				
RF	1	1257	0	1114	0.28	307	864	225	3.8	4" #3SQ@18"	8.0	0.48	2	8	4.22	0	8	0.00	4.22	0.91
RF	12	1313	0	1114	0.28	307	915	225	4.1	4" #3SQ@18"	8.0	0.51	2	8	4.22	0	8	0.00	4.22	0.96
L14	1	1025	0	1054	0.2	211	814	225	3.6	4" #3SQ@18"	8.0	0.45	2	8	4.22	0	8	0.00	4.22	0.86
L14	12	1027	0	1054	0.2	211	816	225	3.6	4" #3SQ@18"	8.0	0.46	2	8	4.22	0	8	0.00	4.22	0.86
L12	1	881	0	619	0.2	124	757	225	3.4	4" #3SQ@18"	8.0	0.42	2	8	4.22	0	8	0.00	4.22	0.80
L12	12	880	0	619	0.2	124	756	225	3.4	4" #3SQ@18"	8.0	0.42	2	8	4.22	0	8	0.00	4.22	0.80
L10	1	980	0	1090	0.2	218	762	225	3.4	4" #3SQ@18"	8.0	0.43	1	8	2.11	1	8	4.68	6.79	0.50
L10	12 S	547	0	545	0.2	109	438	79.5	5.5	4" #3SQ@18"	8.0	0.69	1	8	2.11	1	8	4.68	6.79	0.81
L10	12 N	538	0	545	0.2	109	429	90.5	4.7	4" #3SQ@18"	8.0	0.60	1	8	2.11	1	8	4.68	6.79	0.70
L9	1	827	0	800	0.2	160	667	225	3.0	4" #3SQ@18"	8.0	0.37	2	8	4.22	0	8	0.00	4.22	0.70
L9	12 S	389	0	400	0.2	80	309	79.5	3.9	4" #3SQ@18"	8.0	0.49	2	8	4.22	0	8	0.00	4.22	0.92
L9	12 N	397	0	400	0.2	80	317	90.5	3.5	4" #3SQ@18"	8.0	0.44	2	8	4.22	0	8	0.00	4.22	0.83
L8	1	943	0	946	0.2	189	754	225	3.4	4" #3SQ@18"	8.0	0.42	1	8	2.11	1	8	4.68	6.79	0.49
L8	12	891	0	946	0.2	189	702	225	3.1	4" #3SQ@18"	8.0	0.39	1	8	2.11	1	8	4.68	6.79	0.46
L7	1	940	0	913	0.2	183	757	225	3.4	4" #3SQ@18"	8.0	0.42	2	8	4.22	0	8	0.00	4.22	0.80
L7	12	847	0	913	0.2	183	664	225	3.0	4" #3SQ@18"	8.0	0.37	2	8	4.22	0	8	0.00	4.22	0.70
L6	1	836	0	762	0.2	152	684	225	3.0	4" #3SQ@18"	8.0	0.38	2	8	4.22	0	8	0.00	4.22	0.72
L6	12	816	0	762	0.2	152	664	225	2.9	4" #3SQ@18"	8.0	0.37	2	8	4.22	0	8	0.00	4.22	0.70
L5	1	847	0	791	0.2	158	689	225	3.1	4" #3SQ@18"	8.0	0.38	2	8	4.22	0	8	0.00	4.22	0.73
L5	12	835	0	791	0.2	158	677	225	3.0	4" #3SQ@18"	8.0	0.38	2	8	4.22	0	8	0.00	4.22	0.71
L4	1 S	544	0	462	0.2	92	452	102	4.5	4" #3SQ@18"	8.0	0.56	1	8	2.11	1	8	4.68	6.79	0.66
L4	1 N	393	0	462	0.2	92	301	102	3.0	4" #3SQ@18"	8.0	0.37	1	8	2.11	1	8	4.68	6.79	0.44
L4	12	885	0	923	0.2	185	700	225	3.1	4" #3SQ@18"	8.0	0.39	1	8	2.11	1	8	4.68	6.79	0.46
L3	1 S	845	0	493	0.2	99	746	102	7.4	4" #3SQ@18"	8.0	0.92	1	6	2.81	1	6	5.06	7.87	0.93
L3	1 N	743	0	493	0.2	99	644	102	6.3	4" #3SQ@18"	8.0	0.80	1	8	2.11	1	8	4.68	6.79	0.93
L3	12 S	179	0	0	0.2	0	179	79.5	2.3	4" #3SQ@18"	8.0	0.28	1	8	2.11	1	8	4.68	6.79	0.33
L3	12 N	174	0	0	0.2	0	174	79.5	2.2	4" #3SQ@18"	8.0	0.27	1	8	2.11	1	8	4.68	6.79	0.32
L2	1	1260	334	1306	0.2	261	1533	225	6.8	4" #3SQ@18"	8.0	0.86	1	8	2.11	1	8	4.68	6.79	1.00
L2	12 S	333	76	474	0.2	95	360	79.5	4.5	4" #3SQ@18"	8.0	0.57	1	8	2.11	1	8	4.68	6.79	0.67
L2	12 N	334	48	474	0.2	95	316	79.5	4.0	4" #3SQ@18"	8.0	0.50	1	8	2.11	1	8	4.68	6.79	0.59
L1	1	34	0	0	0.2	0	34	225	0.1	4" #3SQ@18"	8.0	0.02	1	8	2.11	1	8	4.68	6.79	0.02
L1	12	56	0	0	0.2	0	56	225	0.2	4" #3SQ@18"	8.0	0.03	1	8	2.11	1	8	4.68	6.79	0.04
Y-direction																				
RF	A	1187	0	901	0.27	244	877	181	4.8	4" #3SQ@18"	8.0	0.61	2	6	5.63	0	8	0.00	5.63	0.86
RF	P	1335	0	901	0.27	244	1015	181	5.6	4" #3SQ@18"	8.0	0.70	2	6	5.63	0	8	0.00	5.63	1.00
L14	A	1027	0	856	0.2	171	856	181	4.7	4" #3SQ@18"	8.0	0.59	2	6	5.63	0	8	0.00	5.63	0.84
L14	P	1029	0	856	0.2	171	858	181	4.7	4" #3SQ@18"	8.0	0.60	2	6	5.63	0	8	0.00	5.63	0.84
L12	A	877	0	516	0.2	103	774	181	4.3	4" #3SQ@18"	8.0	0.54	2	6	5.63	0	8	0.00	5.63	0.76
L12	P	884	0	516	0.2	103	781	181	4.3	4" #3SQ@18"	8.0	0.54	2	6	5.63	0	8	0.00	5.63	0.77
L10	A E	253	0	459	0.2	92	161	57.5	2.8	4" #3SQ@18"	8.0	0.35	1	8	2.11	1	8	4.68	6.79	0.41
L10	A W	767	0	459	0.2	92	675	79.5	8.5	4" #3SQ@18"	8.0	1.07	1	4	4.22	1	4	5.99	10.21	0.83
L10	P	1045	0	918	0.2	184	861	181	4.8	4" #3SQ@18"	8.0	0.60	1	8	2.11	1	8	4.68	6.79	0.70
L9	A E	606	0	351	0.2	70	536	57.5	9.3	4" #3SQ@18"	8.0	1.17	2	4	8.44	0	8	0.00	8.44	1.10
L9	A W	283	0	351	0.2	70	213	79.5	2.7	4" #3SQ@18"	8.0	0.34	2	8	4.22	0	8	0.00	4.22	0.63
L9	P	724	0	701	0.2	140	584	181	3.2	4" #3SQ@18"	8.0	0.41	2	8	4.22	0	8	0.00	4.22	0.76
L8	A	1008	0	838	0.2	168	840	181	4.6	4" #3SQ@18"	8.0	0.58	1	8	2.11	1	8	4.68	6.79	0.68
L8	P	824	0	838	0.2	168	656	181	3.6	4" #3SQ@18"	8.0	0.46	1	8	2.11	1	8	4.68	6.79	0.53
L7	A	771	0	804	0.2	161	610	181	3.4	4" #3SQ@18"	8.0	0.42	2	8	4.22	0	8	0.00	4.22	0.80
L7	P	1016	0	804	0.2	161	855	181	4.7	4" #3SQ@18"	8.0	0.59	2	6	5.63	0	6	0.00	5.63	0.84
L6	A	817	0	674	0.2	135	682	181	3.8	4" #3SQ@18"	8.0	0.47	2	8	4.22	0	8	0.00	4.22	0.89
L6	P	834	0	674	0.2	135	699	181	3.9	4" #3SQ@18"	8.0	0.49	2	8	4.22	0	8	0.00	4.22	0.92
L5	A	862	0	698	0.2	140	722	181	4.0	4" #3SQ@18"	8.0	0.50	2	8	4.22	0	8	0.00	4.22	0.95
L5	P	819	0	698	0.2	140	679	181	3.8	4" #3SQ@18"	8.0	0.47	2	8	4.22	0	8	0.00	4.22	0.89
L4	A	989	0	823	0.2	165	824	181	4.6	4" #3SQ@18"	8.0	0.57	1	8	2.11	1	8	4.68	6.79	0.67
L4	P	834	0	823	0.2	165	669	181	3.7	4" #3SQ@18"	8.0	0.46	1	8	2.11	1	8	4.68	6.79	0.54
L3	A E	805	0	441	0.2	88	717	81	8.9	4" #3SQ@18"	8.0	1.11	2	8	4.22	1	8	4.68	8.90	0.99
L3	A W	929	0	441	0.2	88	841	81	10.4	4" #3SQ@18"	8.0	1.30	2	8	4.22	1	8	4.68	8.90	1.17
L3	P	354	0	0	0.2	0	354	181	2.0	4" #3SQ@18"	8.0	0.25	1	8	2.11	1	8	4.68	6.79	0.29
L2	A	1166	295	1081	0.2	216	1422	181	7.9	4" #3SQ@18"	8.0	0.99	1	6	2.81	1	6	5.06	7.87	1.00
L2	P	758	361	854	0.2	171	1165	181	6.4	4" #3SQ@18"	8.0	0.81	1	8	2.11	1	8	4.68	6.79	0.95
L1	A	40	0	0	0.2	0	40	181	0.2	4" #3SQ@18"	8.0	0.03	1	8	2.11	1	8	4.68	6.79	0.03
L1	P	72	0	0	0.2	0	72	181	0.4	4" #3SQ@18"	8.0	0.05	1	8	2.11	1	8	4.68	6.79	0.06

Hall of Justice
Diaphragm Strenghtening

Vu = E E=max (Fp+.8*transfer force, .8*dynamic force)
At Roof using .9Ex & .92Ey to scale to min of Fp and .8E

Level	Grid	E {kips}	Vu {kips}	L {ft}	Vu {k/ft}	(E) slab check Slab	ΦVn {k/ft}	Vu/ ΦVn	Vu {k/ft}	(N) slab check Slab	ΦVn {k/ft}	Vu/ ΦVn
X-direction												
RF	1W	625	625	25.5	22.1	4" #3SQ@18"	8.0	2.77	14.1	(N) 4"	25.8	0.55
RF	1E	632	632	25.5	24.8	4" #3SQ@18"	8.0	3.11	16.8	(N) 4"	25.8	0.65
RF	12W	663	663	25.5	26.0	4" #3SQ@18"	8.0	3.27	18.0	(N) 4"	25.8	0.70
RF	12E	650	650	25.5	25.5	4" #3SQ@18"	8.0	3.20	17.5	(N) 4"	25.8	0.68
L14	1W	515	515	25.5	20.2	4" #3SQ@18"	8.0	2.54	15.5	(N) 4"	25.8	0.60
L14	1E	513	513	25.5	20.1	4" #3SQ@18"	8.0	2.53	15.4	(N) 4"	25.8	0.60
L14	12W	515	515	25.5	20.2	4" #3SQ@18"	8.0	2.54	15.5	(N) 4"	25.8	0.60
L14	12E	512	512	25.5	20.1	4" #3SQ@18"	8.0	2.52	15.4	(N) 4"	25.8	0.60
L12	1W	446	446	25.5	17.5	4" #3SQ@18"	8.0	2.20	12.8	(N) 4"	25.8	0.50
L12	1E	435	435	25.5	17.1	4" #3SQ@18"	8.0	2.14	12.4	(N) 4"	25.8	0.48
L12	12W	442	442	25.5	17.3	4" #3SQ@18"	8.0	2.18	12.6	(N) 4"	25.8	0.49
L12	12E	438	438	25.5	17.2	4" #3SQ@18"	8.0	2.16	12.5	(N) 4"	25.8	0.48
Y-direction												
RF	AS	589	589	25.5	21.3	4" #3SQ@18"	8.0	2.67	13.3	(N) 4"	25.8	0.51
RF	AN	598	598	25.5	23.5	4" #3SQ@18"	8.0	2.95	15.5	(N) 4"	25.8	0.60
RF	PS	651	651	25.5	25.5	4" #3SQ@18"	8.0	3.21	17.6	(N) 4"	25.8	0.68
RF	PN	684	684	25.5	26.8	4" #3SQ@18"	8.0	3.37	18.9	(N) 4"	25.8	0.73
L14	AS	516	516	25.5	20.2	4" #3SQ@18"	8.0	2.54	15.5	(N) 4"	25.8	0.60
L14	AN	511	511	25.5	20.0	4" #3SQ@18"	8.0	2.52	15.4	(N) 4"	25.8	0.60
L14	PS	515	515	25.5	20.2	4" #3SQ@18"	8.0	2.54	15.5	(N) 4"	25.8	0.60
L14	PN	514	514	25.5	20.2	4" #3SQ@18"	8.0	2.53	15.5	(N) 4"	25.8	0.60
L12	AS	418	418	25.5	16.4	4" #3SQ@18"	8.0	2.06	11.7	(N) 4"	25.8	0.45
L12	AN	459	459	25.5	18.0	4" #3SQ@18"	8.0	2.26	13.3	(N) 4"	25.8	0.52
L12	PS	427	427	25.5	16.7	4" #3SQ@18"	8.0	2.10	12.1	(N) 4"	25.8	0.47
L12	PN	457	457	25.5	17.9	4" #3SQ@18"	8.0	2.25	13.2	(N) 4"	25.8	0.51

Hall of Justice
11th Floor Drag Beam Design

Mass			
(E) Wall	1247	plf	
Colonnade	1400	plf	15.4K/col @ 11'
Floor	1134	plf	162psf over 7'
Sum	3.78	k/ft	
Fp/wp	0.2		
Fp	0.76	k/ft	

Wall %Fp based on distribution of Fp load at level 10 — Pu scaled 80%

Loc.	Line Fp {k/ft}	Total L {ft}	Wall % Fp	Wall Fp {kips}	Wall L {ft}	Pu {kips}	As {in^2}	Dynamic Load F/w	P {kips}	Pu {kips}	As {in^2}	Max As {in^2}
Line 1												
South	0.76	225	0.51	86	60	41	0.8	0.065	13	30	0.5	0.76
North	0.76	225	0.49	84	60	39	0.7	0.065	13	28	0.5	0.71
Line 12												
South	0.76	225	0.50	85	60	40	0.7	0.065	13	29	0.5	0.74
North	0.76	225	0.50	85	60	39	0.7	0.065	13	29	0.5	0.73
Line A												
East	0.76	181	0.45	62	49	25	0.5	0.057	7	16	0.3	0.47
West	0.76	181	0.55	75	60	29	0.5	0.057	8	19	0.3	0.54
Line P												
East	0.76	181	0.47	64	49	27	0.5	0.057	8	17	0.3	0.50
West	0.76	181	0.53	73	60	27	0.5	0.057	8	17	0.3	0.50

Shear Wall Design Preferences - Flags and Factors (UBC97)

Time Hist Design	Phi-B Factor	Phi-C Factor	Phi-Vns Factor	Phi-Vs Factor	PMax Factor
Envelopes	0.900	0.700	0.850	0.600	0.800

Shear Wall Design Preferences - Rebar Units (UBC97)

Area Units	Area/Length Units
in^2	in^2/ft

Shear Wall Design Preferences - Simplified Pier Ratio Limits (UBC97)

Edge Memb PT-Max	Edge Memb PC-Max
0.0280	0.0280

Shear Wall Design Preferences - Interaction Surface Data (UBC97)

Number Curves	Number Points	Sect Des IP-Max	Sect Des IP-Min
24	11	0.0200	0.0025

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
RF	1.1	Top	14.000	14.000	1.898	1.876	0.425	Not Needed
		Bottom	14.000	14.000	1.927	1.912	0.425	Not Needed
L14	1.1	Top	28.000	28.000	9.297	9.418	1.425	Not Needed
		Bottom	21.000	21.000	6.301	6.115	1.418	Not Needed
L13	1.1	Top	21.000	21.000	6.550	6.166	1.355	Not Needed
		Bottom	21.000	21.000	6.135	6.478	1.350	Not Needed
L12	1.1	Top	18.000	18.000	6.575	6.496	0.540	Not Needed
		Bottom	18.000	18.000	6.854	7.030	0.540	Not Needed
L11	1.1	Top	18.000	18.000	6.949	6.833	0.540	Not Needed
		Bottom	18.000	18.000	6.409	6.715	0.540	Not Needed
L10	1.1	Top	18.000	18.000	4.234	4.315	0.540	Not Needed
		Bottom	18.000	18.000	4.160	4.118	0.540	Not Needed
L9	1.1	Top	18.000	18.000	4.349	4.048	0.540	Not Needed
		Bottom	18.000	18.000	4.595	4.686	0.540	Not Needed
L8	1.1	Top	18.000	18.000	4.541	4.278	0.540	Not Needed
		Bottom	18.000	18.000	3.691	3.710	0.540	Not Needed
L7	1.1	Top	18.000	18.000	4.083	3.884	0.569	Not Needed
		Bottom	18.000	18.000	3.741	3.697	0.569	Not Needed
L6	1.1	Top	18.000	18.000	4.247	3.905	0.671	Not Needed
		Bottom	18.000	18.000	4.294	4.358	0.671	Not Needed
L5	1.1	Top	18.000	18.000	6.632	6.095	0.977	16.050
		Bottom	18.000	18.000	6.758	6.739	0.972	16.050
L4	1.1	Top	18.000	18.000	5.488	5.035	0.887	16.050
		Bottom	18.000	18.000	5.825	5.638	0.878	16.050
L3	1.1	Top	18.000	18.000	8.291	7.657	1.343	16.050
		Bottom	27.000	18.000	10.190	8.951	1.330	16.050
RF	1.2	Top	14.000	14.000	2.672	2.655	0.420	Not Needed
		Bottom	14.000	14.000	3.465	3.551	0.420	Not Needed
L14	1.2	Top	35.000	35.000	12.419	12.091	0.729	Not Needed
		Bottom	21.000	21.000	7.499	7.570	0.655	Not Needed
L13	1.2	Top	28.000	28.000	8.972	9.043	0.682	Not Needed
		Bottom	35.000	35.000	12.306	12.660	0.940	Not Needed
L11	1.2	Top	27.000	27.000	11.685	12.030	0.540	Not Needed
		Bottom	36.000	36.000	15.228	15.541	0.540	Not Needed
L10	1.2	Top	18.000	18.000	8.020	8.242	0.540	Not Needed
		Bottom	18.000	18.000	6.719	6.685	0.540	Not Needed
L9	1.2	Top	18.000	18.000	5.676	5.633	0.637	Not Needed
		Bottom	18.000	18.000	7.844	8.044	0.627	Not Needed
L8	1.2	Top	18.000	18.000	5.937	5.790	0.719	Not Needed
		Bottom	18.000	18.000	4.405	4.583	0.719	Not Needed
L7	1.2	Top	18.000	18.000	3.635	3.447	0.799	Not Needed
		Bottom	18.000	18.000	3.634	3.864	0.799	Not Needed
L6	1.2	Top	18.000	18.000	3.395	3.148	0.882	Not Needed
		Bottom	18.000	18.000	3.156	3.388	0.882	Not Needed
L5	1.2	Top	18.000	18.000	3.399	3.120	1.220	Not Needed
		Bottom	18.000	18.000	6.725	7.082	1.220	Not Needed
L4	1.2	Top	18.000	18.000	5.055	4.994	1.175	20.250
		Bottom	18.000	18.000	4.391	4.031	1.175	20.250
L3	1.2	Top	18.000	18.000	4.125	3.401	2.022	20.250
		Bottom	27.000	27.000	9.315	10.175	2.009	20.250
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L2	1.2	Top	28.000	28.000	10.866	13.061	1.401	17.250
		Bottom	28.000	28.000	10.253	8.659	1.401	17.250

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L11	1.3	Top	18.000	18.000	7.938	8.306	1.911	Not Needed
		Bottom	18.000	18.000	5.805	5.692	1.904	Not Needed
L10	1.3	Top	27.000	27.000	11.210	11.957	2.358	Not Needed
		Bottom	18.000	18.000	6.836	6.640	2.351	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L9	1.3	Top	18.000	18.000	6.037	6.092	1.002	Not Needed
		Bottom	18.000	18.000	7.992	7.847	1.078	Not Needed
L8	1.3	Top	27.000	27.000	11.102	11.386	1.447	9.000
		Bottom	18.000	18.000	8.500	8.459	1.350	Not Needed
L7	1.3	Top	18.000	18.000	7.868	7.750	1.317	Not Needed
		Bottom	18.000	18.000	7.840	7.986	1.307	Not Needed
L6	1.3	Top	18.000	18.000	8.411	8.235	1.529	9.000
		Bottom	18.000	18.000	8.532	8.722	1.519	9.000
L5	1.3	Top	18.000	18.000	8.491	8.386	1.192	9.000
		Bottom	27.000	27.000	11.375	11.378	1.347	9.000
L4	1.3	Top	27.000	27.000	12.353	12.604	2.342	9.000
		Bottom	27.000	27.000	12.510	12.402	2.333	9.000
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L11	1.4	Top	18.000	18.000	1.663	1.653	0.540	Not Needed
		Bottom	18.000	18.000	1.055	1.095	0.540	Not Needed
L10	1.4	Top	18.000	18.000	7.360	7.829	1.841	Not Needed
		Bottom	18.000	18.000	5.508	5.289	1.834	Not Needed
L9	1.4	Top	18.000	18.000	5.402	5.458	0.662	Not Needed
		Bottom	18.000	18.000	6.752	6.604	0.688	Not Needed
L8	1.4	Top	18.000	18.000	8.227	8.348	1.038	Not Needed
		Bottom	18.000	18.000	7.722	7.667	0.906	Not Needed
L7	1.4	Top	18.000	18.000	8.077	8.079	0.977	9.300
		Bottom	18.000	18.000	8.106	8.141	0.987	9.300
L6	1.4	Top	18.000	18.000	8.882	8.850	1.262	9.300
		Bottom	27.000	27.000	10.253	10.345	1.271	9.300
L5	1.4	Top	27.000	27.000	10.253	10.262	1.194	9.465
		Bottom	27.000	27.000	11.602	11.633	1.193	9.430
L4	1.4	Top	27.000	27.000	13.212	13.478	2.213	10.597
		Bottom	27.000	27.000	13.504	13.346	2.213	10.639
L11	1.5	Top	18.000	18.000	0.068	0.181	0.540	Not Needed
		Bottom	18.000	18.000	0.830	0.949	0.540	Not Needed
L10	1.5	Top	18.000	18.000	3.886	4.232	0.540	Not Needed
		Bottom	18.000	18.000	2.592	2.493	0.540	Not Needed
L9	1.5	Top	18.000	18.000	3.597	3.703	0.540	Not Needed
		Bottom	18.000	18.000	4.169	4.143	0.540	Not Needed
L8	1.5	Top	18.000	18.000	6.149	6.463	0.540	9.600
		Bottom	18.000	18.000	5.532	5.463	0.540	9.600
L7	1.5	Top	18.000	18.000	7.190	7.366	0.540	9.600
		Bottom	18.000	18.000	6.811	6.856	0.540	9.600
L6	1.5	Top	18.000	18.000	8.589	8.810	0.711	10.357
		Bottom	18.000	18.000	8.384	8.433	0.711	10.443
L5	1.5	Top	27.000	27.000	10.287	10.552	0.660	11.226
		Bottom	27.000	27.000	10.926	11.115	0.660	11.237
L4	1.5	Top	27.000	27.000	12.507	13.306	0.827	12.328
		Bottom	27.000	27.000	11.260	11.206	0.679	12.576
RF	1.11	Top	14.000	14.000	2.102	2.122	0.445	Not Needed
		Bottom	14.000	14.000	1.963	1.978	0.445	Not Needed

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L14	1.11	Top	28.000	28.000	9.427	9.301	1.431	Not Needed
		Bottom	21.000	21.000	6.129	6.314	1.423	Not Needed
L13	1.11	Top	21.000	21.000	6.994	7.378	1.360	Not Needed
		Bottom	21.000	21.000	7.056	6.625	1.354	Not Needed
L12	1.11	Top	18.000	18.000	7.077	7.141	0.540	Not Needed
		Bottom	18.000	18.000	7.860	7.684	0.540	Not Needed
L11	1.11	Top	18.000	18.000	7.367	7.468	0.540	Not Needed
		Bottom	18.000	18.000	7.433	7.132	0.540	Not Needed
L10	1.11	Top	18.000	18.000	4.613	4.491	0.540	Not Needed
		Bottom	18.000	18.000	4.215	4.275	0.540	Not Needed
L9	1.11	Top	18.000	18.000	4.742	4.995	0.540	Not Needed
		Bottom	18.000	18.000	5.385	5.377	0.540	Not Needed
L8	1.11	Top	18.000	18.000	5.018	5.158	0.540	Not Needed
		Bottom	18.000	18.000	4.582	4.686	0.540	Not Needed
L7	1.11	Top	18.000	18.000	3.932	4.168	0.558	Not Needed
		Bottom	18.000	18.000	4.047	4.070	0.558	Not Needed
L6	1.11	Top	18.000	18.000	4.352	4.693	0.647	Not Needed
		Bottom	18.000	18.000	4.620	4.542	0.647	Not Needed
L5	1.11	Top	18.000	18.000	6.939	7.410	0.946	15.900
		Bottom	18.000	18.000	7.645	7.662	0.946	15.900
L4	1.11	Top	18.000	18.000	6.401	6.704	0.721	15.900
		Bottom	18.000	18.000	5.680	6.239	0.721	15.900
L3	1.11	Top	27.000	18.000	9.586	8.819	1.392	15.900
		Bottom	27.000	27.000	9.340	12.147	1.378	15.900
RF	12.1	Top	14.000	14.000	1.992	1.969	0.482	Not Needed
		Bottom	14.000	14.000	2.018	2.004	0.482	Not Needed
L14	12.1	Top	28.000	28.000	9.701	9.823	1.543	Not Needed
		Bottom	21.000	21.000	6.623	6.436	1.536	Not Needed
L13	12.1	Top	21.000	21.000	6.569	6.181	1.479	Not Needed
		Bottom	21.000	21.000	6.543	6.888	1.473	Not Needed
L12	12.1	Top	18.000	18.000	6.528	6.447	0.540	Not Needed
		Bottom	18.000	18.000	6.825	7.007	0.540	Not Needed
L11	12.1	Top	18.000	18.000	6.872	6.760	0.540	Not Needed
		Bottom	18.000	18.000	6.358	6.674	0.540	Not Needed
L10	12.1	Top	18.000	18.000	4.158	4.222	0.540	Not Needed
		Bottom	18.000	18.000	4.082	4.064	0.540	Not Needed
L9	12.1	Top	18.000	18.000	4.270	3.969	0.540	Not Needed
		Bottom	18.000	18.000	4.496	4.571	0.540	Not Needed
L8	12.1	Top	18.000	18.000	4.442	4.285	0.540	Not Needed
		Bottom	18.000	18.000	3.624	3.522	0.540	Not Needed
L7	12.1	Top	18.000	18.000	3.903	3.705	0.592	Not Needed
		Bottom	18.000	18.000	3.673	3.610	0.592	Not Needed
L6	12.1	Top	18.000	18.000	4.122	3.765	0.693	Not Needed
		Bottom	18.000	18.000	4.027	4.093	0.693	Not Needed
L5	12.1	Top	18.000	18.000	6.497	5.885	0.986	16.050
		Bottom	18.000	18.000	6.356	6.546	0.986	16.050
L4	12.1	Top	18.000	18.000	5.334	4.673	0.818	16.050
		Bottom	18.000	18.000	4.927	5.168	0.808	16.050
L3	12.1	Top	18.000	18.000	6.209	6.517	1.076	16.050
		Bottom	18.000	18.000	7.902	6.795	1.062	16.050
L2	12.1	Top	18.000	18.000	5.328	4.044	0.805	16.642
		Bottom	18.000	18.000	5.400	4.437	0.805	16.721

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
RF	12.2	Top	14.000	14.000	2.833	2.813	0.420	Not Needed
		Bottom	14.000	14.000	3.680	3.773	0.420	Not Needed
L14	12.2	Top	35.000	35.000	13.018	12.687	0.858	Not Needed
		Bottom	21.000	21.000	7.882	7.954	0.717	Not Needed
L13	12.2	Top	28.000	28.000	9.445	9.514	0.746	Not Needed
		Bottom	35.000	35.000	12.885	13.242	1.156	Not Needed
L11	12.2	Top	27.000	27.000	12.247	12.591	0.540	Not Needed
		Bottom	36.000	36.000	15.970	16.290	0.540	Not Needed
L10	12.2	Top	18.000	18.000	8.740	8.949	0.540	Not Needed
		Bottom	18.000	18.000	7.281	7.258	0.540	Not Needed
L9	12.2	Top	18.000	18.000	6.221	6.184	0.741	Not Needed
		Bottom	18.000	18.000	8.597	8.800	0.731	Not Needed
L8	12.2	Top	18.000	18.000	6.503	6.391	0.776	Not Needed
		Bottom	18.000	18.000	5.048	5.190	0.767	Not Needed
L7	12.2	Top	18.000	18.000	4.091	3.861	0.797	Not Needed
		Bottom	18.000	18.000	4.158	4.402	0.797	Not Needed
L6	12.2	Top	18.000	18.000	3.398	3.168	0.873	Not Needed
		Bottom	18.000	18.000	3.689	3.955	0.873	Not Needed
L5	12.2	Top	18.000	18.000	3.139	2.877	1.178	Not Needed
		Bottom	18.000	18.000	7.101	7.612	1.174	Not Needed
L4	12.2	Top	18.000	18.000	4.762	4.551	1.132	20.250
		Bottom	18.000	18.000	3.733	3.929	1.132	20.250
L3	12.2	Top	18.000	18.000	3.366	3.560	1.237	20.250
		Bottom	18.000	18.000	5.646	6.462	1.237	20.250
L2	12.2	Top	18.000	18.000	2.364	1.973	1.174	20.250
		Bottom	18.000	18.000	4.698	6.702	1.174	20.250
L11	12.3	Top	18.000	18.000	8.285	8.645	2.026	Not Needed
		Bottom	18.000	18.000	6.051	5.945	2.020	Not Needed
L10	12.3	Top	27.000	27.000	11.866	12.592	2.526	Not Needed
		Bottom	18.000	18.000	7.233	7.052	2.520	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L9	12.3	Top	18.000	18.000	6.396	6.448	1.091	Not Needed
		Bottom	18.000	18.000	8.417	8.277	1.178	Not Needed
L8	12.3	Top	27.000	27.000	11.546	11.837	1.534	9.000
		Bottom	18.000	18.000	8.855	8.814	1.418	Not Needed
L7	12.3	Top	18.000	18.000	8.106	7.944	1.324	Not Needed
		Bottom	18.000	18.000	8.026	8.222	1.314	Not Needed
L6	12.3	Top	18.000	18.000	8.606	8.352	1.508	9.000
		Bottom	18.000	18.000	8.641	8.913	1.498	9.000
L5	12.3	Top	18.000	18.000	8.638	8.415	1.210	9.000
		Bottom	27.000	27.000	11.244	11.451	1.317	9.000
L4	12.3	Top	27.000	27.000	12.153	12.120	2.073	9.000
		Bottom	27.000	27.000	11.801	11.852	2.063	9.000
L3	12.3	Top	27.000	27.000	12.186	12.108	1.432	9.406
		Bottom	27.000	27.000	12.401	12.392	1.435	9.457
L2	12.3	Top	27.000	27.000	10.764	11.774	2.029	10.205
		Bottom	27.000	27.000	12.547	11.399	2.020	10.188
L11	12.4	Top	18.000	18.000	1.735	1.722	0.540	Not Needed
		Bottom	18.000	18.000	1.099	1.141	0.540	Not Needed
L10	12.4	Top	18.000	18.000	7.762	8.215	1.970	Not Needed
		Bottom	18.000	18.000	5.797	5.591	1.963	Not Needed
L9	12.4	Top	18.000	18.000	5.685	5.736	0.730	Not Needed
		Bottom	18.000	18.000	7.082	6.940	0.767	Not Needed

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L8	12.4	Top	18.000	18.000	8.516	8.640	1.102	Not Needed
		Bottom	18.000	18.000	7.996	7.939	0.977	9.300
L7	12.4	Top	18.000	18.000	8.268	8.237	1.034	9.300
		Bottom	18.000	18.000	8.269	8.334	1.038	9.300
L6	12.4	Top	18.000	18.000	9.024	8.941	1.308	9.300
		Bottom	27.000	27.000	10.311	10.468	1.304	9.300
L5	12.4	Top	27.000	27.000	10.302	10.227	1.202	9.533
		Bottom	27.000	27.000	11.516	11.629	1.173	9.500
L4	12.4	Top	27.000	27.000	12.489	12.645	1.947	10.578
		Bottom	27.000	27.000	12.417	12.380	1.947	10.643
L11	12.5	Top	18.000	18.000	0.078	0.191	0.540	Not Needed
		Bottom	18.000	18.000	0.893	1.010	0.540	Not Needed
L10	12.5	Top	18.000	18.000	4.110	4.446	0.540	Not Needed
		Bottom	18.000	18.000	2.737	2.646	0.540	Not Needed
L9	12.5	Top	18.000	18.000	3.800	3.906	0.540	Not Needed
		Bottom	18.000	18.000	4.408	4.388	0.540	Not Needed
L8	12.5	Top	18.000	18.000	6.405	6.724	0.540	9.600
		Bottom	18.000	18.000	5.792	5.713	0.540	9.600
L7	12.5	Top	18.000	18.000	7.406	7.563	0.563	9.600
		Bottom	18.000	18.000	7.022	7.074	0.592	9.611
L6	12.5	Top	18.000	18.000	8.766	8.967	0.699	10.436
		Bottom	18.000	18.000	8.557	8.617	0.699	10.521
L5	12.5	Top	27.000	27.000	10.354	10.589	0.627	11.275
		Bottom	27.000	27.000	10.901	11.117	0.627	11.291
L4	12.5	Top	27.000	27.000	12.233	12.989	0.832	12.314
		Bottom	27.000	27.000	11.459	11.380	0.677	12.504
RF	A-1	Top	14.000	14.000	2.031	2.010	0.420	Not Needed
		Bottom	14.000	14.000	1.893	1.878	0.420	Not Needed
L14	A-1	Top	28.000	28.000	8.964	9.168	1.362	Not Needed
		Bottom	21.000	21.000	6.086	5.819	1.355	Not Needed
L13	A-1	Top	21.000	21.000	7.140	6.822	1.298	Not Needed
		Bottom	21.000	21.000	6.455	6.749	1.292	Not Needed
L12	A-1	Top	18.000	18.000	7.003	6.979	0.540	Not Needed
		Bottom	18.000	18.000	7.425	7.595	0.540	Not Needed
L11	A-1	Top	18.000	18.000	7.383	7.309	0.540	Not Needed
		Bottom	18.000	18.000	6.949	7.252	0.540	Not Needed
L10	A-1	Top	18.000	18.000	4.417	4.524	0.540	Not Needed
		Bottom	18.000	18.000	4.246	4.176	0.540	Not Needed
L9	A-1	Top	18.000	18.000	4.385	4.199	0.540	Not Needed
		Bottom	18.000	18.000	4.886	4.815	0.540	Not Needed
L8	A-1	Top	18.000	18.000	4.275	4.053	0.540	Not Needed
		Bottom	18.000	18.000	3.784	3.751	0.540	Not Needed
L7	A-1	Top	18.000	18.000	3.900	3.779	0.540	Not Needed
		Bottom	18.000	18.000	3.610	3.531	0.540	Not Needed
L6	A-1	Top	18.000	18.000	4.303	4.089	0.604	Not Needed
		Bottom	18.000	18.000	4.218	4.232	0.604	Not Needed
L5	A-1	Top	18.000	18.000	6.907	6.553	0.883	16.050
		Bottom	18.000	18.000	7.154	7.154	0.883	16.050
L4	A-1	Top	18.000	18.000	5.403	5.003	0.592	16.050
		Bottom	18.000	18.000	5.009	4.913	0.592	16.050
L3	A-1	Top	18.000	18.000	7.779	7.150	0.598	16.050
		Bottom	18.000	18.000	7.565	7.462	0.585	16.050

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L2	A-1	Top	18.000	18.000	7.205	5.698	0.540	16.639
		Bottom	18.000	18.000	7.381	7.228	0.540	16.661
RF	A-2	Top	14.000	14.000	2.550	2.512	0.420	Not Needed
		Bottom	14.000	14.000	3.255	3.379	0.420	Not Needed
L14	A-2	Top	35.000	35.000	12.029	11.518	0.644	Not Needed
		Bottom	21.000	21.000	7.173	7.269	0.614	Not Needed
L13	A-2	Top	28.000	28.000	8.599	8.661	0.641	Not Needed
		Bottom	35.000	35.000	11.730	12.244	0.769	Not Needed
L11	A-2	Top	27.000	27.000	11.135	11.529	0.540	Not Needed
		Bottom	36.000	36.000	14.489	14.988	0.540	Not Needed
L10	A-2	Top	18.000	18.000	8.012	8.325	0.540	Not Needed
		Bottom	18.000	18.000	6.867	6.819	0.540	Not Needed
L9	A-2	Top	18.000	18.000	5.712	5.666	0.657	Not Needed
		Bottom	18.000	18.000	8.114	8.355	0.647	Not Needed
L8	A-2	Top	18.000	18.000	6.008	5.891	0.633	Not Needed
		Bottom	18.000	18.000	4.612	4.794	0.633	Not Needed
L7	A-2	Top	18.000	18.000	4.201	3.974	0.729	Not Needed
		Bottom	18.000	18.000	3.831	4.144	0.729	Not Needed
L6	A-2	Top	18.000	18.000	4.217	4.007	0.823	Not Needed
		Bottom	18.000	18.000	3.433	3.795	0.823	Not Needed
L5	A-2	Top	18.000	18.000	4.139	3.976	1.117	Not Needed
		Bottom	18.000	18.000	5.872	6.543	1.117	Not Needed
L4	A-2	Top	18.000	18.000	6.309	6.146	0.975	20.250
		Bottom	18.000	18.000	4.661	4.823	0.975	20.250
L3	A-2	Top	18.000	18.000	6.723	6.239	0.703	20.250
		Bottom	18.000	18.000	5.269	5.896	0.703	20.250
L2	A-2	Top	18.000	18.000	4.932	4.776	0.626	20.250
		Bottom	18.000	18.000	5.121	5.243	0.626	20.250
L11	A-3	Top	18.000	18.000	7.519	7.841	1.692	Not Needed
		Bottom	18.000	18.000	5.467	5.421	1.686	Not Needed
L10	A-3	Top	27.000	27.000	11.056	11.943	2.358	Not Needed
		Bottom	18.000	18.000	7.305	7.054	2.351	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L9	A-3	Top	18.000	18.000	6.406	6.492	1.052	Not Needed
		Bottom	18.000	18.000	8.387	8.175	1.150	Not Needed
L8	A-3	Top	27.000	27.000	11.248	11.658	1.498	Not Needed
		Bottom	18.000	18.000	9.022	8.933	1.393	Not Needed
L7	A-3	Top	18.000	18.000	8.179	8.107	1.384	Not Needed
		Bottom	18.000	18.000	8.178	8.325	1.374	Not Needed
L6	A-3	Top	18.000	18.000	8.530	8.362	1.583	9.000
		Bottom	18.000	18.000	8.670	8.885	1.573	9.000
L5	A-3	Top	18.000	18.000	8.396	8.185	1.201	9.000
		Bottom	27.000	27.000	11.204	11.279	1.338	9.000
L4	A-3	Top	27.000	27.000	11.316	11.504	2.057	9.000
		Bottom	18.000	18.000	8.659	8.845	2.048	9.000
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L3	A-3	Top	18.000	18.000	7.979	7.490	0.983	9.000
		Bottom	18.000	18.000	7.347	7.901	0.972	9.000
L2	A-3	Top	18.000	18.000	6.161	5.717	0.967	9.023
		Bottom	18.000	18.000	5.991	6.403	0.958	9.055
L11	A-4	Top	18.000	18.000	1.285	1.439	0.540	9.300
		Bottom	18.000	18.000	0.344	0.368	0.540	9.300

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L10	A-4	Top	18.000	18.000	6.589	6.984	0.833	Not Needed
		Bottom	18.000	18.000	4.062	4.026	0.826	Not Needed
L9	A-4	Top	18.000	18.000	6.953	7.149	0.890	9.300
		Bottom	27.000	27.000	11.594	10.983	1.163	9.300
L8	A-4	Top	27.000	27.000	12.098	13.148	1.748	9.300
		Bottom	27.000	27.000	11.979	11.277	1.645	9.300
L7	A-4	Top	27.000	27.000	10.189	10.414	1.304	9.300
		Bottom	18.000	18.000	8.902	8.896	1.258	9.300
L6	A-4	Top	27.000	27.000	10.490	10.433	1.399	9.300
		Bottom	27.000	27.000	10.572	10.763	1.390	9.300
L5	A-4	Top	27.000	27.000	10.972	10.968	1.418	9.300
		Bottom	27.000	27.000	12.842	12.867	1.454	9.300
L4	A-4	Top	27.000	27.000	12.506	12.923	2.102	9.300
		Bottom	27.000	27.000	12.083	11.939	2.052	9.300
L3	A-4	Top	27.000	27.000	12.174	11.857	1.360	9.765
		Bottom	27.000	27.000	12.069	12.494	1.343	9.817
L2	A-4	Top	18.000	18.000	7.946	7.530	1.102	10.036
		Bottom	18.000	18.000	7.574	8.313	1.093	10.071
L8	A-5	Top	18.000	18.000	7.543	8.708	1.010	9.600
		Bottom	18.000	18.000	6.119	5.653	0.791	Not Needed
L7	A-5	Top	18.000	18.000	6.853	7.002	0.540	9.600
		Bottom	18.000	18.000	6.712	6.702	0.540	9.600
L6	A-5	Top	18.000	18.000	8.804	9.037	0.854	9.939
		Bottom	18.000	18.000	8.649	8.666	0.854	10.021
L5	A-5	Top	27.000	27.000	10.667	10.895	0.673	10.978
		Bottom	27.000	27.000	10.884	11.171	0.673	11.025
L2	A-5	Top	27.000	27.000	11.020	10.961	1.598	9.847
		Bottom	27.000	27.000	10.021	10.715	1.523	9.949
RF	P-1	Top	14.000	14.000	2.000	1.968	0.474	Not Needed
		Bottom	14.000	14.000	1.966	1.968	0.474	Not Needed
L14	P-1	Top	28.000	28.000	9.769	9.949	1.586	Not Needed
		Bottom	21.000	21.000	6.685	6.433	1.579	Not Needed
L13	P-1	Top	21.000	21.000	7.092	6.772	1.538	Not Needed
		Bottom	21.000	21.000	6.772	7.158	1.532	Not Needed
L12	P-1	Top	18.000	18.000	6.899	6.854	0.540	Not Needed
		Bottom	18.000	18.000	7.247	7.443	0.540	Not Needed
L11	P-1	Top	18.000	18.000	7.299	7.234	0.540	Not Needed
		Bottom	18.000	18.000	6.793	7.099	0.540	Not Needed
L10	P-1	Top	18.000	18.000	4.345	4.417	0.540	Not Needed
		Bottom	18.000	18.000	4.161	4.089	0.540	Not Needed
L9	P-1	Top	18.000	18.000	4.430	4.188	0.540	Not Needed
		Bottom	18.000	18.000	4.799	4.790	0.540	Not Needed
L8	P-1	Top	18.000	18.000	4.401	4.156	0.540	Not Needed
		Bottom	18.000	18.000	3.978	3.921	0.540	Not Needed
L7	P-1	Top	18.000	18.000	3.549	3.333	0.540	Not Needed
		Bottom	18.000	18.000	3.552	3.521	0.540	Not Needed
L6	P-1	Top	18.000	18.000	4.256	3.958	0.643	Not Needed
		Bottom	18.000	18.000	4.137	4.196	0.643	Not Needed
L5	P-1	Top	18.000	18.000	6.874	6.419	0.941	16.050
		Bottom	18.000	18.000	6.979	7.066	0.941	16.050
L4	P-1	Top	18.000	18.000	5.517	5.000	0.616	16.050
		Bottom	18.000	18.000	4.936	5.012	0.616	16.050

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L3	P-1	Top	18.000	18.000	7.516	7.155	1.329	16.050
		Bottom	18.000	18.000	7.721	7.718	1.315	16.050
L2	P-1	Top	18.000	18.000	7.239	5.517	1.532	17.041
		Bottom	18.000	18.000	7.672	7.340	1.523	17.034
RF	P-2	Top	14.000	14.000	2.820	2.780	0.420	Not Needed
		Bottom	14.000	14.000	3.619	3.758	0.420	Not Needed
L14	P-2	Top	35.000	35.000	13.151	12.640	0.884	Not Needed
		Bottom	21.000	21.000	7.895	7.980	0.735	Not Needed
L13	P-2	Top	28.000	28.000	9.503	9.537	0.759	Not Needed
		Bottom	35.000	35.000	12.857	13.318	1.167	Not Needed
L11	P-2	Top	27.000	27.000	12.467	12.872	0.540	Not Needed
		Bottom	36.000	36.000	14.893	15.404	0.540	Not Needed
L10	P-2	Top	27.000	27.000	9.566	9.647	0.540	Not Needed
		Bottom	18.000	18.000	8.055	8.058	0.540	Not Needed
L9	P-2	Top	18.000	18.000	7.117	6.943	0.635	Not Needed
		Bottom	18.000	18.000	8.742	9.038	0.625	Not Needed
L8	P-2	Top	18.000	18.000	8.017	7.731	0.732	Not Needed
		Bottom	18.000	18.000	7.397	7.695	0.721	Not Needed
L7	P-2	Top	18.000	18.000	5.832	5.541	0.857	Not Needed
		Bottom	18.000	18.000	6.093	6.456	0.847	Not Needed
L6	P-2	Top	18.000	18.000	4.711	4.469	0.883	Not Needed
		Bottom	18.000	18.000	5.066	5.539	0.882	Not Needed
L5	P-2	Top	18.000	18.000	4.295	4.042	1.249	Not Needed
		Bottom	18.000	18.000	7.920	8.884	1.237	Not Needed
L4	P-2	Top	18.000	18.000	6.447	6.052	1.043	20.250
		Bottom	18.000	18.000	4.710	4.962	1.043	20.250
L3	P-2	Top	18.000	18.000	6.292	5.463	1.487	20.250
		Bottom	18.000	18.000	5.451	6.900	1.474	20.250
L2	P-2	Top	18.000	18.000	5.301	4.586	1.703	19.639
		Bottom	18.000	18.000	5.252	5.889	1.694	19.702
L11	P-3	Top	18.000	18.000	8.571	8.905	2.621	Not Needed
		Bottom	18.000	18.000	6.671	6.610	2.614	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L7	P-3	Top	27.000	27.000	12.770	13.563	2.164	9.000
		Bottom	27.000	27.000	13.296	13.288	2.117	9.000
L6	P-3	Top	27.000	27.000	12.637	12.166	1.959	9.000
		Bottom	27.000	27.000	12.313	12.768	1.961	9.000
L5	P-3	Top	27.000	27.000	11.406	10.976	1.467	9.000
		Bottom	27.000	27.000	12.056	12.549	1.538	9.000
L4	P-3	Top	27.000	27.000	12.900	12.336	2.172	9.000
		Bottom	27.000	27.000	11.789	12.510	2.163	9.000
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L11	P-4	Top	18.000	18.000	3.755	3.698	0.540	Not Needed
		Bottom	18.000	18.000	3.814	3.777	0.540	Not Needed
L7	P-4	Top	18.000	18.000	4.838	3.874	0.690	Not Needed
		Bottom	18.000	18.000	5.934	6.340	0.680	Not Needed
L6	P-4	Top	18.000	18.000	8.944	8.646	1.388	9.300
		Bottom	18.000	18.000	8.337	8.776	1.378	9.300
L5	P-4	Top	18.000	18.000	8.919	8.514	1.159	9.300
		Bottom	27.000	27.000	10.860	11.462	1.211	9.300
L4	P-4	Top	27.000	27.000	12.758	12.291	1.989	10.154
		Bottom	27.000	27.000	12.008	12.504	1.963	10.228

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L11	P-5	Top	18.000	18.000	0.278	0.467	0.540	Not Needed
		Bottom	18.000	18.000	2.469	2.707	0.540	Not Needed
L10	P-5	Top	18.000	18.000	4.472	4.947	0.825	Not Needed
		Bottom	18.000	18.000	2.867	2.683	0.818	Not Needed
L9	P-5	Top	18.000	18.000	3.776	3.836	0.540	Not Needed
		Bottom	18.000	18.000	3.842	3.906	0.540	Not Needed
L8	P-5	Top	18.000	18.000	4.957	5.102	0.540	Not Needed
		Bottom	18.000	18.000	4.765	4.875	0.540	Not Needed
L7	P-5	Top	18.000	18.000	6.602	6.549	0.540	9.600
		Bottom	18.000	18.000	5.935	6.208	0.540	9.600
L6	P-5	Top	18.000	18.000	7.563	7.528	0.611	9.813
		Bottom	18.000	18.000	7.506	7.731	0.611	9.868
L5	P-5	Top	27.000	27.000	9.718	9.786	0.671	10.666
		Bottom	27.000	27.000	10.160	10.562	0.671	10.682
L4	P-5	Top	27.000	27.000	11.816	12.191	0.798	11.768
		Bottom	27.000	27.000	10.635	10.933	0.717	11.954
L11	1.6	Top	18.000	18.000	0.175	0.067	0.540	Not Needed
		Bottom	18.000	18.000	0.941	0.814	0.540	Not Needed
L10	1.6	Top	18.000	18.000	4.172	3.819	0.540	Not Needed
		Bottom	18.000	18.000	2.456	2.554	0.540	Not Needed
L9	1.6	Top	18.000	18.000	3.645	3.533	0.540	Not Needed
		Bottom	18.000	18.000	4.072	4.099	0.540	Not Needed
L8	1.6	Top	18.000	18.000	6.337	6.001	0.540	9.600
		Bottom	18.000	18.000	5.337	5.424	0.540	9.600
L7	1.6	Top	18.000	18.000	7.210	7.040	0.540	9.600
		Bottom	18.000	18.000	6.711	6.661	0.540	9.600
L6	1.6	Top	18.000	18.000	8.616	8.403	0.700	10.312
		Bottom	18.000	18.000	8.264	8.205	0.700	10.397
L5	1.6	Top	27.000	27.000	10.319	10.082	0.646	11.169
		Bottom	27.000	27.000	10.922	10.684	0.646	11.181
L4	1.6	Top	27.000	27.000	12.933	12.194	0.791	12.247
		Bottom	27.000	27.000	10.925	10.954	0.625	12.488
L11	1.7	Top	18.000	18.000	1.657	1.666	0.540	Not Needed
		Bottom	18.000	18.000	1.057	1.013	0.540	Not Needed
L10	1.7	Top	18.000	18.000	7.763	7.276	1.816	Not Needed
		Bottom	18.000	18.000	5.184	5.402	1.809	Not Needed
L9	1.7	Top	18.000	18.000	5.353	5.288	0.641	Not Needed
		Bottom	18.000	18.000	6.492	6.657	0.646	Not Needed
L8	1.7	Top	18.000	18.000	8.187	8.023	0.985	Not Needed
		Bottom	18.000	18.000	7.459	7.556	0.873	Not Needed
L7	1.7	Top	18.000	18.000	7.874	7.868	0.929	9.450
		Bottom	18.000	18.000	7.937	7.902	0.919	9.450
L6	1.7	Top	18.000	18.000	8.595	8.639	1.150	9.450
		Bottom	18.000	18.000	8.871	8.779	1.177	9.450
L5	1.7	Top	18.000	18.000	8.855	8.892	1.116	9.657
		Bottom	27.000	27.000	11.343	11.229	1.134	9.540
L4	1.7	Top	27.000	27.000	12.905	12.767	2.125	10.702
		Bottom	27.000	27.000	12.978	12.948	2.125	10.741
L11	1.8	Top	18.000	18.000	8.376	7.987	1.953	Not Needed
		Bottom	18.000	18.000	5.798	5.934	1.946	Not Needed
L10	1.8	Top	27.000	27.000	11.974	11.157	2.350	Not Needed
		Bottom	18.000	18.000	6.617	6.846	2.343	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L9	1.8	Top	18.000	18.000	6.066	5.964	0.990	Not Needed
		Bottom	18.000	18.000	7.708	7.916	1.076	Not Needed
L8	1.8	Top	27.000	27.000	11.311	10.890	1.432	8.850
		Bottom	18.000	18.000	8.256	8.387	1.325	8.850
L7	1.8	Top	18.000	18.000	7.586	7.665	1.287	Not Needed
		Bottom	18.000	18.000	7.783	7.665	1.277	Not Needed
L6	1.8	Top	18.000	18.000	8.013	8.177	1.486	8.850
		Bottom	18.000	18.000	8.476	8.296	1.476	8.850
L5	1.8	Top	18.000	18.000	8.027	8.149	1.125	8.850
		Bottom	18.000	18.000	9.049	8.913	1.272	8.850
L4	1.8	Top	27.000	27.000	11.871	11.728	2.186	8.850
		Bottom	27.000	27.000	11.871	11.800	2.176	8.850
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
RF	1.9	Top	14.000	14.000	2.685	2.704	0.420	Not Needed
		Bottom	14.000	14.000	3.556	3.469	0.420	Not Needed
L14	1.9	Top	35.000	35.000	12.147	12.477	0.722	Not Needed
		Bottom	21.000	21.000	7.613	7.537	0.662	Not Needed
L13	1.9	Top	28.000	28.000	9.068	8.989	0.691	Not Needed
		Bottom	35.000	35.000	12.763	12.394	0.935	Not Needed
L11	1.9	Top	27.000	27.000	12.105	11.738	0.540	Not Needed
		Bottom	36.000	36.000	15.572	15.249	0.540	Not Needed
L10	1.9	Top	18.000	18.000	8.190	7.914	0.540	Not Needed
		Bottom	18.000	18.000	6.651	6.683	0.540	Not Needed
L9	1.9	Top	18.000	18.000	5.574	5.581	0.618	Not Needed
		Bottom	18.000	18.000	7.869	7.722	0.607	Not Needed
L8	1.9	Top	18.000	18.000	6.695	6.810	0.699	Not Needed
		Bottom	18.000	18.000	5.416	5.266	0.699	Not Needed
L7	1.9	Top	18.000	18.000	4.248	4.483	0.773	Not Needed
		Bottom	18.000	18.000	4.495	4.247	0.773	Not Needed
L6	1.9	Top	18.000	18.000	4.305	4.515	0.853	Not Needed
		Bottom	18.000	18.000	4.072	3.801	0.853	Not Needed
L5	1.9	Top	18.000	18.000	4.294	4.420	1.158	Not Needed
		Bottom	18.000	18.000	6.381	6.146	1.158	Not Needed
L4	1.9	Top	18.000	18.000	6.537	6.386	1.025	20.400
		Bottom	18.000	18.000	4.340	5.009	1.025	20.400
L3	1.9	Top	27.000	27.000	7.527	8.415	1.777	20.473
		Bottom	27.000	27.000	8.866	7.254	1.763	20.653
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L11	12.6	Top	18.000	18.000	0.183	0.075	0.540	Not Needed
		Bottom	18.000	18.000	0.987	0.885	0.540	Not Needed
L10	12.6	Top	18.000	18.000	4.385	4.100	0.540	Not Needed
		Bottom	18.000	18.000	2.646	2.712	0.540	Not Needed
L9	12.6	Top	18.000	18.000	3.884	3.804	0.540	Not Needed
		Bottom	18.000	18.000	4.391	4.373	0.540	Not Needed
L8	12.6	Top	18.000	18.000	6.671	6.422	0.540	9.600
		Bottom	18.000	18.000	5.741	5.758	0.540	9.600
L7	12.6	Top	18.000	18.000	7.562	7.426	0.555	9.600
		Bottom	18.000	18.000	7.101	7.018	0.583	9.600
L6	12.6	Top	18.000	18.000	8.964	8.791	0.691	10.350
		Bottom	18.000	18.000	8.655	8.564	0.691	10.433
L5	12.6	Top	27.000	27.000	10.593	10.399	0.620	11.179
		Bottom	27.000	27.000	11.162	10.896	0.620	11.197

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L4	12.6	Top	27.000	27.000	12.932	12.321	0.792	12.184
		Bottom	27.000	27.000	11.479	11.399	0.658	12.371
L11	12.7	Top	18.000	18.000	1.733	1.761	0.540	Not Needed
		Bottom	18.000	18.000	1.116	1.066	0.540	Not Needed
L10	12.7	Top	18.000	18.000	8.127	7.772	1.926	Not Needed
		Bottom	18.000	18.000	5.552	5.687	1.919	Not Needed
L9	12.7	Top	18.000	18.000	5.644	5.669	0.701	Not Needed
		Bottom	18.000	18.000	6.958	6.993	0.723	Not Needed
L8	12.7	Top	18.000	18.000	8.508	8.534	1.049	Not Needed
		Bottom	18.000	18.000	7.946	7.865	0.912	Not Needed
L7	12.7	Top	18.000	18.000	8.153	8.255	1.003	9.450
		Bottom	18.000	18.000	8.337	8.185	1.014	9.450
L6	12.7	Top	18.000	18.000	8.870	9.019	1.284	9.450
		Bottom	27.000	27.000	10.428	10.170	1.285	9.450
L5	12.7	Top	27.000	27.000	10.103	10.285	1.206	9.613
		Bottom	27.000	27.000	11.685	11.405	1.179	9.579
L4	12.7	Top	27.000	27.000	12.459	12.592	1.895	10.660
		Bottom	27.000	27.000	12.458	12.258	1.895	10.726
L11	12.8	Top	18.000	18.000	8.669	8.356	2.048	Not Needed
		Bottom	18.000	18.000	6.077	6.157	2.042	Not Needed
L10	12.8	Top	27.000	27.000	12.515	11.908	2.488	Not Needed
		Bottom	18.000	18.000	7.077	7.202	2.481	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.								
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.								
L9	12.8	Top	18.000	18.000	6.380	6.400	1.062	Not Needed
		Bottom	18.000	18.000	8.263	8.283	1.159	Not Needed
L8	12.8	Top	27.000	27.000	11.701	11.625	1.503	8.850
		Bottom	18.000	18.000	8.836	8.719	1.376	Not Needed
L7	12.8	Top	18.000	18.000	7.852	8.098	1.306	Not Needed
		Bottom	18.000	18.000	8.221	7.930	1.295	Not Needed
L6	12.8	Top	18.000	18.000	8.268	8.601	1.502	8.850
		Bottom	18.000	18.000	8.918	8.552	1.492	8.850
L5	12.8	Top	18.000	18.000	8.266	8.617	1.227	8.850
		Bottom	27.000	27.000	11.490	11.099	1.327	8.850
L4	12.8	Top	27.000	27.000	11.954	12.343	2.018	8.850
		Bottom	27.000	27.000	12.060	11.628	2.008	8.850
L3	12.8	Top	27.000	27.000	11.891	12.453	1.449	9.141
		Bottom	27.000	27.000	12.680	12.153	1.442	9.192
L2	12.8	Top	27.000	27.000	11.082	11.278	1.801	9.921
		Bottom	27.000	27.000	11.867	11.735	1.804	9.912
RF	12.9	Top	14.000	14.000	2.775	2.796	0.420	Not Needed
		Bottom	14.000	14.000	3.688	3.590	0.420	Not Needed
L14	12.9	Top	35.000	35.000	12.597	12.929	0.821	Not Needed
		Bottom	21.000	21.000	7.890	7.817	0.712	Not Needed
L13	12.9	Top	28.000	28.000	9.414	9.349	0.743	Not Needed
		Bottom	35.000	35.000	13.201	12.850	1.160	Not Needed
L11	12.9	Top	27.000	27.000	12.567	12.198	0.540	Not Needed
		Bottom	36.000	36.000	16.207	15.846	0.540	Not Needed
L10	12.9	Top	18.000	18.000	8.663	8.493	0.540	Not Needed
		Bottom	18.000	18.000	7.095	7.102	0.540	Not Needed
L9	12.9	Top	18.000	18.000	5.950	6.023	0.699	Not Needed
		Bottom	18.000	18.000	8.594	8.298	0.688	Not Needed
L8	12.9	Top	18.000	18.000	6.005	6.248	0.723	Not Needed
		Bottom	18.000	18.000	4.964	4.683	0.723	Not Needed

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L7	12.9	Top	18.000	18.000	3.573	3.810	0.778	Not Needed
		Bottom	18.000	18.000	4.149	3.820	0.778	Not Needed
L6	12.9	Top	18.000	18.000	3.378	3.697	0.854	Not Needed
		Bottom	18.000	18.000	3.664	3.330	0.854	Not Needed
L5	12.9	Top	18.000	18.000	3.287	3.591	1.161	Not Needed
		Bottom	18.000	18.000	7.343	6.674	1.154	Not Needed
L4	12.9	Top	18.000	18.000	5.371	5.778	1.086	20.400
		Bottom	18.000	18.000	4.325	3.831	1.086	20.400
L3	12.9	Top	18.000	18.000	6.728	7.920	1.196	20.400
		Bottom	18.000	18.000	7.726	5.786	1.196	20.400
L2	12.9	Top	18.000	18.000	5.561	5.549	1.020	20.657
		Bottom	18.000	18.000	8.955	6.416	1.020	20.600
L11	A-6	Top	18.000	18.000	0.191	0.077	0.540	Not Needed
		Bottom	18.000	18.000	1.018	0.898	0.540	Not Needed
L10	A-6	Top	18.000	18.000	4.480	4.192	0.540	Not Needed
		Bottom	18.000	18.000	2.756	2.800	0.540	Not Needed
L9	A-6	Top	18.000	18.000	3.886	3.795	0.540	Not Needed
		Bottom	18.000	18.000	4.443	4.420	0.540	Not Needed
L8	A-6	Top	18.000	18.000	6.438	6.114	0.540	9.600
		Bottom	18.000	18.000	5.494	5.587	0.540	9.600
L7	A-6	Top	18.000	18.000	7.179	7.060	0.540	9.600
		Bottom	18.000	18.000	6.738	6.666	0.540	9.600
L6	A-6	Top	18.000	18.000	8.467	8.314	0.672	10.339
		Bottom	18.000	18.000	8.166	8.068	0.672	10.424
L5	A-6	Top	27.000	27.000	10.065	9.907	0.627	11.162
		Bottom	27.000	27.000	10.712	10.398	0.627	11.177
L4	A-6	Top	27.000	27.000	12.158	11.514	0.701	12.183
		Bottom	27.000	27.000	10.415	10.305	0.540	12.407
L11	A-7	Top	18.000	18.000	1.688	1.719	0.540	Not Needed
		Bottom	18.000	18.000	1.073	1.016	0.540	Not Needed
L10	A-7	Top	18.000	18.000	8.153	7.763	1.988	Not Needed
		Bottom	18.000	18.000	5.575	5.705	1.981	Not Needed
L9	A-7	Top	18.000	18.000	5.456	5.470	0.686	Not Needed
		Bottom	18.000	18.000	6.755	6.839	0.696	Not Needed
L8	A-7	Top	18.000	18.000	8.017	7.927	0.940	Not Needed
		Bottom	18.000	18.000	7.391	7.443	0.833	Not Needed
L7	A-7	Top	18.000	18.000	7.627	7.719	0.858	9.450
		Bottom	18.000	18.000	7.794	7.668	0.848	9.450
L6	A-7	Top	18.000	18.000	8.289	8.463	1.085	9.450
		Bottom	18.000	18.000	8.683	8.465	1.111	9.450
L5	A-7	Top	18.000	18.000	8.521	8.697	1.051	9.651
		Bottom	27.000	27.000	11.021	10.709	1.072	9.545
L4	A-7	Top	27.000	27.000	11.815	11.806	1.846	10.686
		Bottom	27.000	27.000	11.947	11.877	1.750	10.728
L11	A-8	Top	18.000	18.000	8.304	7.991	1.957	Not Needed
		Bottom	18.000	18.000	5.818	5.882	1.950	Not Needed
L10	A-8	Top	27.000	27.000	12.508	11.846	2.548	Not Needed
		Bottom	18.000	18.000	7.054	7.157	2.541	Not Needed

***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.

L9	A-8	Top	18.000	18.000	6.179	6.163	1.037	Not Needed
		Bottom	18.000	18.000	7.958	8.079	1.123	Not Needed
L8	A-8	Top	27.000	27.000	11.129	10.744	1.390	Not Needed
		Bottom	18.000	18.000	8.154	8.241	1.281	Not Needed

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L7	A-8	Top	18.000	18.000	7.315	7.459	1.201	Not Needed
		Bottom	18.000	18.000	7.583	7.405	1.191	Not Needed
L6	A-8	Top	18.000	18.000	7.706	7.974	1.395	8.850
		Bottom	18.000	18.000	8.276	7.994	1.385	8.850
L5	A-8	Top	18.000	18.000	7.653	7.997	1.072	8.850
		Bottom	18.000	18.000	8.827	8.534	1.187	8.850
L4	A-8	Top	27.000	27.000	11.015	11.040	1.943	8.850
		Bottom	27.000	27.000	11.068	10.970	1.934	8.850
L3	A-8	Top	27.000	27.000	12.612	12.839	1.589	8.862
		Bottom	27.000	27.000	13.206	13.038	1.607	8.902
RF	A-9	Top	14.000	14.000	2.552	2.591	0.420	Not Needed
		Bottom	14.000	14.000	3.401	3.277	0.420	Not Needed
L14	A-9	Top	35.000	35.000	11.592	12.101	0.640	Not Needed
		Bottom	21.000	21.000	7.322	7.231	0.618	Not Needed
L13	A-9	Top	28.000	28.000	8.747	8.693	0.644	Not Needed
		Bottom	35.000	35.000	12.293	11.799	0.756	Not Needed
L11	A-9	Top	27.000	27.000	11.699	11.298	0.540	Not Needed
		Bottom	36.000	36.000	15.095	14.615	0.540	Not Needed
L10	A-9	Top	18.000	18.000	8.266	8.079	0.540	Not Needed
		Bottom	18.000	18.000	6.814	6.785	0.540	Not Needed
L9	A-9	Top	18.000	18.000	5.461	5.494	0.664	Not Needed
		Bottom	18.000	18.000	8.189	7.887	0.654	Not Needed
L8	A-9	Top	18.000	18.000	5.391	5.362	0.647	Not Needed
		Bottom	18.000	18.000	4.217	4.133	0.647	Not Needed
L7	A-9	Top	18.000	18.000	3.252	3.489	0.713	Not Needed
		Bottom	18.000	18.000	3.426	3.227	0.713	Not Needed
L6	A-9	Top	18.000	18.000	3.351	3.586	0.794	Not Needed
		Bottom	18.000	18.000	3.092	2.857	0.794	Not Needed
L5	A-9	Top	18.000	18.000	3.396	3.612	1.115	Not Needed
		Bottom	18.000	18.000	6.498	5.929	1.115	Not Needed
L4	A-9	Top	18.000	18.000	5.914	5.984	0.878	20.400
		Bottom	18.000	18.000	4.779	5.068	0.878	20.400
L3	A-9	Top	18.000	18.000	4.662	5.159	1.647	20.400
		Bottom	18.000	18.000	8.673	6.554	1.640	20.400
RF	A-10	Top	14.000	14.000	1.905	1.927	0.420	Not Needed
		Bottom	14.000	14.000	1.846	1.862	0.420	Not Needed
L14	A-10	Top	28.000	28.000	9.177	8.970	1.357	Not Needed
		Bottom	21.000	21.000	5.822	6.092	1.349	Not Needed
L13	A-10	Top	21.000	21.000	6.480	6.800	1.291	Not Needed
		Bottom	21.000	21.000	6.277	5.954	1.285	Not Needed
L12	A-10	Top	18.000	18.000	6.717	6.754	0.540	Not Needed
		Bottom	18.000	18.000	7.210	7.042	0.540	Not Needed
L11	A-10	Top	18.000	18.000	7.081	7.167	0.540	Not Needed
		Bottom	18.000	18.000	6.899	6.615	0.540	Not Needed
L10	A-10	Top	18.000	18.000	4.229	4.194	0.540	Not Needed
		Bottom	18.000	18.000	3.998	4.009	0.540	Not Needed
L9	A-10	Top	18.000	18.000	3.956	4.104	0.540	Not Needed
		Bottom	18.000	18.000	4.396	4.461	0.540	Not Needed
L8	A-10	Top	18.000	18.000	4.184	4.186	0.540	Not Needed
		Bottom	18.000	18.000	3.671	3.907	0.540	Not Needed
L7	A-10	Top	18.000	18.000	3.830	3.914	0.540	Not Needed
		Bottom	18.000	18.000	3.523	3.718	0.540	Not Needed

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L6	A-10	Top	18.000	18.000	4.091	4.288	0.598	Not Needed
		Bottom	18.000	18.000	4.152	4.235	0.598	Not Needed
L5	A-10	Top	18.000	18.000	6.563	6.947	0.889	15.900
		Bottom	18.000	18.000	7.036	7.129	0.889	15.900
L4	A-10	Top	18.000	18.000	5.849	6.154	0.589	15.900
		Bottom	18.000	18.000	5.718	5.975	0.589	15.900
L3	A-10	Top	18.000	18.000	8.300	8.628	1.106	15.900
		Bottom	18.000	27.000	9.000	10.537	1.092	15.900
L11	P-6	Top	18.000	18.000	0.206	0.094	0.540	Not Needed
		Bottom	18.000	18.000	1.121	1.014	0.540	Not Needed
L10	P-6	Top	18.000	18.000	4.827	4.573	0.556	Not Needed
		Bottom	18.000	18.000	2.955	2.991	0.549	Not Needed
L9	P-6	Top	18.000	18.000	4.360	4.312	0.540	Not Needed
		Bottom	18.000	18.000	4.975	4.911	0.540	Not Needed
L8	P-6	Top	18.000	18.000	7.404	7.180	0.540	9.600
		Bottom	18.000	18.000	6.491	6.496	0.540	9.600
L7	P-6	Top	18.000	18.000	8.111	7.988	0.629	9.771
		Bottom	18.000	18.000	7.704	7.618	0.629	9.864
L6	P-6	Top	27.000	27.000	9.896	9.699	0.685	10.620
		Bottom	27.000	27.000	9.545	9.434	0.685	10.707
L5	P-6	Top	27.000	27.000	10.964	10.785	0.612	11.467
		Bottom	27.000	27.000	11.525	11.237	0.612	11.485
L4	P-6	Top	27.000	27.000	12.901	12.198	0.746	12.443
		Bottom	27.000	27.000	11.313	11.428	0.595	12.635
L11	P-7	Top	18.000	18.000	1.853	1.896	0.540	Not Needed
		Bottom	18.000	18.000	1.194	1.135	0.540	Not Needed
L10	P-7	Top	18.000	18.000	8.900	8.597	2.204	Not Needed
		Bottom	18.000	18.000	6.158	6.229	2.197	Not Needed

***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier.
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier.

L9	P-7	Top	18.000	18.000	6.274	6.364	0.893	Not Needed
		Bottom	18.000	18.000	7.796	7.786	0.930	Not Needed
L8	P-7	Top	27.000	27.000	10.845	10.779	1.259	9.450
		Bottom	18.000	18.000	8.757	8.619	1.135	9.450
L7	P-7	Top	18.000	18.000	8.569	8.702	1.148	9.450
		Bottom	18.000	18.000	8.807	8.631	1.142	9.450
L6	P-7	Top	27.000	27.000	10.229	10.447	1.420	9.450
		Bottom	27.000	27.000	10.780	10.495	1.378	9.450
L5	P-7	Top	27.000	27.000	10.366	10.544	1.276	9.874
		Bottom	27.000	27.000	11.847	11.602	1.188	9.841
L4	P-7	Top	27.000	27.000	12.312	12.325	1.815	10.937
		Bottom	27.000	27.000	12.365	12.199	1.815	10.992
L11	P-8	Top	27.000	27.000	11.128	10.726	2.229	Not Needed
		Bottom	18.000	18.000	6.457	6.482	2.223	Not Needed
L9	P-8	Top	18.000	18.000	7.126	7.196	1.305	Not Needed
		Bottom	27.000	27.000	11.216	11.315	1.413	8.850
L8	P-8	Top	27.000	27.000	13.048	12.915	1.779	8.850
		Bottom	27.000	27.000	11.840	11.847	1.644	8.850
L7	P-8	Top	18.000	18.000	8.371	8.633	1.402	8.850
		Bottom	18.000	18.000	8.742	8.448	1.392	8.850
L6	P-8	Top	18.000	18.000	8.637	8.996	1.545	8.850
		Bottom	27.000	27.000	11.156	10.850	1.535	8.850
L5	P-8	Top	18.000	18.000	8.626	9.000	1.287	8.850
		Bottom	27.000	27.000	11.773	11.454	1.356	8.850

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L4	P-8	Top	27.000	27.000	12.030	12.151	1.931	8.850
		Bottom	27.000	27.000	11.570	11.489	1.922	8.883
L3	P-8	Top	27.000	27.000	11.869	12.187	1.438	9.182
		Bottom	27.000	27.000	12.806	12.589	1.464	9.200
RF	P-9	Top	14.000	14.000	2.926	2.971	0.420	Not Needed
		Bottom	14.000	14.000	3.926	3.784	0.420	Not Needed
L14	P-9	Top	35.000	35.000	13.086	13.609	0.969	Not Needed
		Bottom	28.000	28.000	8.399	8.302	0.783	Not Needed
L13	P-9	Top	28.000	28.000	9.905	9.865	0.815	Not Needed
		Bottom	42.000	35.000	14.093	13.581	1.209	Not Needed
L11	P-9	Top	27.000	27.000	13.183	12.789	0.540	Not Needed
		Bottom	36.000	36.000	17.014	16.497	0.589	Not Needed
L10	P-9	Top	27.000	27.000	9.873	9.789	0.540	Not Needed
		Bottom	18.000	18.000	7.860	7.848	0.540	Not Needed
L9	P-9	Top	18.000	18.000	6.772	6.917	0.947	Not Needed
		Bottom	27.000	27.000	10.399	9.888	0.937	Not Needed
L8	P-9	Top	18.000	18.000	7.192	7.539	0.981	Not Needed
		Bottom	18.000	18.000	6.327	5.955	0.970	Not Needed
L7	P-9	Top	18.000	18.000	4.216	4.515	0.811	Not Needed
		Bottom	18.000	18.000	5.120	4.721	0.811	Not Needed
L6	P-9	Top	18.000	18.000	3.611	3.948	0.879	Not Needed
		Bottom	18.000	18.000	4.573	4.155	0.879	Not Needed
L5	P-9	Top	18.000	18.000	3.410	3.673	1.270	Not Needed
		Bottom	18.000	18.000	8.582	7.882	1.258	Not Needed
L4	P-9	Top	18.000	18.000	6.118	6.346	1.332	20.400
		Bottom	18.000	18.000	5.492	4.841	1.323	20.400
L3	P-9	Top	18.000	18.000	5.493	5.429	0.844	20.400
		Bottom	18.000	18.000	5.202	5.685	0.844	20.400
L2	P-9	Top	18.000	18.000	3.595	3.864	1.520	19.372
		Bottom	18.000	18.000	8.660	5.853	1.520	19.149
RF	P-10	Top	14.000	14.000	2.048	2.078	0.532	Not Needed
		Bottom	14.000	14.000	2.108	2.111	0.532	Not Needed
L14	P-10	Top	28.000	28.000	10.228	10.028	1.638	Not Needed
		Bottom	21.000	21.000	6.650	6.919	1.630	Not Needed
L13	P-10	Top	21.000	21.000	6.469	6.796	1.573	Not Needed
		Bottom	21.000	21.000	7.174	6.812	1.567	Not Needed
L12	P-10	Top	18.000	18.000	6.669	6.731	0.540	Not Needed
		Bottom	18.000	18.000	7.239	7.047	0.540	Not Needed
L11	P-10	Top	18.000	18.000	7.019	7.117	0.540	Not Needed
		Bottom	18.000	18.000	6.936	6.623	0.540	Not Needed
L10	P-10	Top	18.000	18.000	4.205	4.223	0.540	Not Needed
		Bottom	18.000	18.000	4.035	4.036	0.540	Not Needed
L9	P-10	Top	18.000	18.000	3.823	4.050	0.540	Not Needed
		Bottom	18.000	18.000	4.367	4.335	0.540	Not Needed
L8	P-10	Top	18.000	18.000	5.071	5.202	0.584	Not Needed
		Bottom	18.000	18.000	4.380	4.493	0.584	Not Needed
L7	P-10	Top	18.000	18.000	3.874	3.964	0.615	Not Needed
		Bottom	18.000	18.000	3.829	3.980	0.615	Not Needed
L6	P-10	Top	18.000	18.000	3.996	4.215	0.715	Not Needed
		Bottom	18.000	18.000	4.324	4.393	0.715	Not Needed
L5	P-10	Top	18.000	18.000	6.243	6.723	1.099	15.900
		Bottom	18.000	18.000	7.002	6.895	1.087	15.900

SUMMARY OUTPUT DATA - SIMPLIFIED PIER SECTION DESIGN (UBC97)

Story Label	Pier Label	Station Location	Edge Memb Left	Edge Memb Right	As Left in^2	As Right in^2	Av Shear in^2/ft	B-Zone Length
L4	P-10	Top	18.000	18.000	5.409	5.807	1.260	15.900
		Bottom	18.000	18.000	6.561	7.144	1.251	15.900
L3	P-10	Top	18.000	18.000	6.303	7.329	1.235	15.900
		Bottom	27.000	18.000	9.947	6.931	1.221	15.900
L2	P-10	Top	18.000	18.000	4.068	6.992	0.774	7.106
		Bottom	18.000	18.000	6.693	4.888	0.753	7.146
RF	12.11	Top	14.000	14.000	1.983	2.002	0.469	Not Needed
		Bottom	14.000	14.000	2.013	2.023	0.469	Not Needed
L14	12.11	Top	28.000	28.000	9.801	9.679	1.518	Not Needed
		Bottom	21.000	21.000	6.406	6.595	1.511	Not Needed
L13	12.11	Top	21.000	21.000	6.839	7.224	1.446	Not Needed
		Bottom	21.000	21.000	6.844	6.417	1.440	Not Needed
L12	12.11	Top	18.000	18.000	6.860	6.945	0.540	Not Needed
		Bottom	18.000	18.000	7.534	7.327	0.540	Not Needed
L11	12.11	Top	18.000	18.000	7.092	7.193	0.540	Not Needed
		Bottom	18.000	18.000	7.078	6.755	0.540	Not Needed
L10	12.11	Top	18.000	18.000	4.275	4.200	0.540	Not Needed
		Bottom	18.000	18.000	3.915	3.952	0.540	Not Needed
L9	12.11	Top	18.000	18.000	4.112	4.388	0.540	Not Needed
		Bottom	18.000	18.000	4.739	4.682	0.540	Not Needed
L8	12.11	Top	18.000	18.000	4.260	4.521	0.540	Not Needed
		Bottom	18.000	18.000	3.916	3.934	0.540	Not Needed
L7	12.11	Top	18.000	18.000	3.668	3.858	0.573	Not Needed
		Bottom	18.000	18.000	3.547	3.581	0.573	Not Needed
L6	12.11	Top	18.000	18.000	3.477	3.798	0.672	Not Needed
		Bottom	18.000	18.000	4.109	4.040	0.672	Not Needed
L5	12.11	Top	18.000	18.000	5.714	6.297	0.966	15.900
		Bottom	18.000	18.000	6.462	6.351	0.966	15.900
L4	12.11	Top	18.000	18.000	4.115	4.715	0.838	15.900
		Bottom	18.000	18.000	5.025	4.869	0.829	15.900
L3	12.11	Top	18.000	18.000	8.051	7.465	1.051	15.900
		Bottom	18.000	18.000	7.173	8.559	1.038	15.900
L2	12.11	Top	18.000	18.000	5.623	7.209	0.830	16.801
		Bottom	18.000	18.000	7.258	7.705	0.822	16.800
L2	A-5.1	Top	18.000	18.000	4.043	4.360	0.867	Not Needed
		Bottom	18.000	18.000	5.846	6.284	0.863	Not Needed
L2	A-5.2	Top	18.000	18.000	4.692	5.005	0.838	Not Needed
		Bottom	18.000	18.000	3.526	3.647	0.833	Not Needed

SUMMARY OUTPUT DATA - UNIFORM REINFORCING PIER SECTIONS - CHECK (UBC97)

Story Label	Pier Label	Sta Loc	Edge Bar	End Bar	Edge Spacing	D/C Ratio	Pier Leg	Shear Av in^2/ft	B-Zone Length
L2	1.1	Top	#7	#9	10.000	0.7288	Top Leg 1	0.840	105.900
		Bot	#7	#9	10.000	0.8035	Bot Leg 1	0.840	105.900
L1	1.1	Top	#7	#9	10.000	0.8098	Top Leg 1	1.048	105.900
		Bot	#7	#9	10.000	0.8907	Bot Leg 1	1.048	105.900
L2	1.3	Top	#5	#5	12.000	0.5941	Top Leg 1	0.840	Not Needed
		Bot	#5	#5	12.000	0.5167	Bot Leg 1	0.840	Not Needed
L1	1.3	Top	#5	#5	12.000	0.4072	Top Leg 1	0.840	Not Needed
		Bot	#5	#5	12.000	0.3348	Bot Leg 1	0.840	Not Needed
L2	1.4	Top	#7	#9	12.000	0.7609	Top Leg 1	0.840	Not Needed
		Bot	#7	#9	12.000	0.8394	Bot Leg 1	0.840	Not Needed
L1	1.4	Top	#7	#9	12.000	0.8011	Top Leg 1	0.840	105.900
		Bot	#7	#9	12.000	0.8429	Bot Leg 1	0.840	105.900
L1	12.1	Top	#7	#9	10.000	0.8502	Top Leg 1	0.840	105.900
		Bot	#7	#9	10.000	0.9147	Bot Leg 1	0.840	105.900
L1	12.2	Top	#5	#7	12.000	0.9491	Top Leg 1	0.840	38.850
		Bot	#5	#7	12.000	0.6653	Bot Leg 1	0.840	Not Needed
L1	12.3	Top	#5	#5	12.000	0.0415	Top Leg 1	1.080	Not Needed
		Bot	#5	#5	12.000	0.0434	Bot Leg 1	1.080	Not Needed
L1	12.4	Top	#5	#5	12.000	0.9277	Top Leg 1	0.840	38.850
		Bot	#5	#5	12.000	0.7832	Bot Leg 1	0.840	38.850
L1	12.5	Top	#7	#9	10.000	0.8520	Top Leg 1	0.840	Not Needed
		Bot	#7	#9	10.000	0.9388	Bot Leg 1	0.840	Not Needed
L1	A-1	Top	#6	#9	12.000	0.7815	Top Leg 1	0.840	Not Needed
		Bot	#6	#9	12.000	0.7317	Bot Leg 1	0.840	Not Needed
L1	P-1	Top	#7	#10	9.000	0.7819	Top Leg 1	0.840	Not Needed
		Bot	#7	#10	9.000	0.9008	Bot Leg 1	0.840	Not Needed
L1	P-2	Top	#5	#5	12.000	0.4406	Top Leg 1	0.840	109.200
		Bot	#5	#5	12.000	0.3323	Bot Leg 1	0.840	109.200
L1	P-3	Top	#7	#10	9.000	0.8038	Top Leg 1	0.840	105.900
		Bot	#7	#10	9.000	0.9326	Bot Leg 1	0.840	105.900
L2	A-6	Top	#5	#10	12.000	0.7623	Top Leg 1	0.840	Not Needed
		Bot	#5	#10	12.000	0.5733	Bot Leg 1	0.840	Not Needed
L1	A-6	Top	#5	#10	12.000	0.6230	Top Leg 1	0.840	Not Needed
		Bot	#5	#10	12.000	0.3337	Bot Leg 1	0.840	Not Needed
L2	A-7	Top	#7	#9	12.000	0.7721	Top Leg 1	0.840	Not Needed
		Bot	#7	#9	12.000	0.8075	Bot Leg 1	0.840	Not Needed
L1	A-7	Top	#7	#9	12.000	0.8237	Top Leg 1	1.088	105.900
		Bot	#7	#9	12.000	0.9056	Bot Leg 1	1.088	105.900

SUMMARY OUTPUT DATA - GENERAL REINFORCING PIER SECTIONS - CHECK (UBC97)

Story Label	Pier Label	Station Location	Pier Section	D/C Ratio	Pier Leg	Shear Av in^2/ft	B-Zone Length
L12	1.2	Top	1P2L12	0.4637	Top Leg 1	2.103	16.650
		Bottom	1P2L12	0.8396	Bot Leg 1	2.527	16.650
L3	1.3	Top	1P3L3	0.7095	Top Leg 1	1.943	9.084
		Bottom	1P3L3	0.7289	Bot Leg 1	1.942	9.152
L3	1.4	Top	1P4L3	0.8605	Top Leg 1	2.205	10.967
		Bottom	1P4L3	0.9109	Bot Leg 1	2.169	11.038
L3	1.5	Top	1P5L3	0.9011	Top Leg 1	1.378	13.358
		Bottom	1P5L3	0.9123	Bot Leg 1	1.378	13.428
L12	12.2	Top	1P2L12	0.4857	Top Leg 1	2.232	16.650
		Bottom	1P2L12	0.8776	Bot Leg 1	2.629	16.650
L3	12.4	Top	1P4L3	0.7444	Top Leg 1	1.362	11.213
		Bottom	1P4L3	0.7584	Bot Leg 1	1.362	11.284
L2	12.4	Top	1P4L3	0.7392	Top Leg 1	2.129	11.898
		Bottom	1P4L3	0.7927	Bot Leg 1	2.129	11.945
L3	12.5	Top	1P4L3	0.8697	Top Leg 1	0.631	12.951
		Bottom	1P4L3	0.8554	Bot Leg 1	0.631	13.024
L2	12.5	Top	1P4L3	0.9750	Top Leg 1	0.912	14.109
		Bottom	1P4L3	0.9414	Bot Leg 1	0.912	14.158
L12	A-2	Top	1P2L12	0.4454	Top Leg 1	1.975	16.650
		Bottom	1P2L12	0.8064	Bot Leg 1	2.329	16.650
L4	A-5	Top	1P5L3	0.8568	Top Leg 1	2.668	12.790
		Bottom	1P5L3	0.9964	Bot Leg 1	2.700	12.837
L3	A-5	Top	1P5L3	0.8907	Top Leg 1	2.901	10.414
		Bottom	1P5L3	0.8208	Bot Leg 1	2.901	10.485
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L12	P-2	Top	1P2L12	0.4873	Top Leg 1	2.259	16.650
		Bottom	1P2L12	0.8967	Bot Leg 1	2.666	16.650
L10	P-3	Top	PP3L10	0.7976	Top Leg 1	2.345	5.700
		Bottom	PP3L10	0.4932	Bot Leg 1	2.302	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L9	P-3	Top	PP3L10	0.4548	Top Leg 1	0.817	Not Needed
		Bottom	PP3L10	0.5139	Bot Leg 1	0.868	Not Needed
L8	P-3	Top	PP3L10	0.7193	Top Leg 1	1.356	5.700
		Bottom	PP3L10	0.6060	Bot Leg 1	1.294	5.700
L3	P-3	Top	1P3L3	0.6839	Top Leg 1	1.757	9.062
		Bottom	1P3L3	0.6946	Bot Leg 1	1.747	9.130
L2	P-3	Top	PP3L2	0.7710	Top Leg 1	2.896	9.453
		Bottom	PP3L2	0.7300	Bot Leg 1	2.896	9.492
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L10	P-4	Top	PP4L10	0.8152	Top Leg 1	3.037	6.150

Summary Output Data - General Reinforcing Pier Sections - Check

Story Label	Pier Label	Station Location	Pier Section	D/C Ratio	Pier Leg	Shear Av in^2/ft	B-Zone Length
		Bottom	PP4L10	0.5340	Bot Leg 1	2.830	6.150
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L9	P-4	Top	PP4L10	0.2876	Top Leg 1	0.540	Not Needed
		Bottom	PP4L10	0.3506	Bot Leg 1	0.595	Not Needed
L8	P-4	Top	PP4L10	0.4463	Top Leg 1	0.784	6.150
		Bottom	PP4L10	0.3565	Bot Leg 1	0.671	6.150
L3	P-4	Top	1P4L3	0.7564	Top Leg 1	1.457	10.741
		Bottom	1P4L3	0.7627	Bot Leg 1	1.457	10.812
L2	P-4	Top	PP3L2	0.7807	Top Leg 1	2.164	10.472
		Bottom	PP3L2	0.7478	Bot Leg 1	2.164	10.512
L3	P-5	Top	1P4L3	0.8641	Top Leg 1	0.777	12.505
		Bottom	1P4L3	0.8451	Bot Leg 1	0.777	12.578
L2	P-5	Top	PP5L2	0.8875	Top Leg 1	1.497	12.295
		Bottom	PP5L2	0.9534	Bot Leg 1	1.497	12.346
L3	1.6	Top	1P5L3	0.9051	Top Leg 1	1.447	13.236
		Bottom	1P5L3	0.9246	Bot Leg 1	1.447	13.307
L3	1.7	Top	1P4L3	0.8610	Top Leg 1	2.250	10.949
		Bottom	1P4L3	0.9201	Bot Leg 1	2.250	11.021
L3	1.8	Top	1P3L3	0.6600	Top Leg 1	1.851	8.850
		Bottom	1P3L3	0.6798	Bot Leg 1	1.859	8.850
L12	1.9	Top	1P2L12	0.4616	Top Leg 1	2.083	16.800
		Bottom	1P2L12	0.8405	Bot Leg 1	2.511	16.800
L3	12.6	Top	1P4L3	0.8677	Top Leg 1	0.585	12.812
		Bottom	1P4L3	0.8459	Bot Leg 1	0.585	12.886
L2	12.6	Top	1P4L3	0.9698	Top Leg 1	0.802	13.924
		Bottom	1P4L3	0.9656	Bot Leg 1	0.802	13.973
L3	12.7	Top	1P4L3	0.7602	Top Leg 1	1.342	11.244
		Bottom	1P4L3	0.7760	Bot Leg 1	1.342	11.316
L2	12.7	Top	1P4L3	0.7350	Top Leg 1	1.870	11.916
		Bottom	1P4L3	0.7996	Bot Leg 1	1.870	11.964
L12	12.9	Top	1P2L12	0.4792	Top Leg 1	2.181	16.800
		Bottom	1P2L12	0.8710	Bot Leg 1	2.587	16.800
L3	A-6	Top	1P5L3	0.8278	Top Leg 1	1.312	12.956
		Bottom	1P5L3	0.8306	Bot Leg 1	1.312	13.026
L3	A-7	Top	1P4L3	0.7850	Top Leg 1	1.936	10.838
		Bottom	1P4L3	0.8345	Bot Leg 1	1.909	10.910
L12	A-9	Top	1P2L12	0.4445	Top Leg 1	2.032	16.800
		Bottom	1P2L12	0.8109	Bot Leg 1	2.392	16.800
L3	P-6	Top	1P4L3	0.9190	Top Leg 1	0.742	13.058
		Bottom	1P4L3	0.9021	Bot Leg 1	0.742	13.131

SUMMARY OUTPUT DATA - GENERAL REINFORCING PIER SECTIONS - CHECK (UBC97)

Story Label	Pier Label	Station Location	Pier Section	D/C Ratio	Pier Leg	Shear Av in^2/ft	B-Zone Length
L2	P-6	Top	1P5L3	0.8763	Top Leg 1	1.485	14.134
		Bottom	1P5L3	0.8477	Bot Leg 1	1.485	14.181
L3	P-7	Top	1P4L3	0.8086	Top Leg 1	1.500	11.601
		Bottom	1P4L3	0.8239	Bot Leg 1	1.500	11.673
L2	P-7	Top	1P4L3	0.8772	Top Leg 1	3.052	12.260
		Bottom	1P4L3	0.9388	Bot Leg 1	2.687	12.308
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L10	P-8	Top	1P3L3	0.6362	Top Leg 1	2.834	Not Needed
		Bottom	1P3L3	0.4454	Bot Leg 1	2.827	Not Needed
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L2	P-8	Top	1P3L3	0.6580	Top Leg 1	2.232	9.439
		Bottom	1P3L3	0.5355	Bot Leg 1	2.193	9.484
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L12	P-9	Top	1P2L12	0.5021	Top Leg 1	2.324	16.800
		Bottom	1P2L12	0.9049	Bot Leg 1	2.713	16.800
L3	A-5.1	Top	1P5L3	0.9744	Top Leg 1	3.284	9.600
		Bottom	1P5L3	0.8164	Bot Leg 1	3.374	9.600
***** Design Inadequacy Message: Shear force exceeds maximum allowed at top of pier leg 1							
***** Design Inadequacy Message: Shear force exceeds maximum allowed at bottom of pier leg 1							
L3	A-5.2	Top	A5P2L3	0.6263	Top Leg 1	1.334	7.650
		Bottom	A5P2L3	0.6219	Bot Leg 1	1.321	7.650