02209.1

1990 So. Bundy Drive
Fourth Floor
Los Angeles
California 90025
310 826 2100
FAX 310 826 0182

Nadel
Architects Inc

Architecture
Planning
Interiors

Facsimile Transmittal

Date: **May 6, 2004**

Project name: **Hall of Justice**

Project number: **.00**

Attention: **Alicia Ramos**

Company: **Los Angeles County Department of Public Works**

Fax number: **626.300.2387**

Pages: **10** (including transmittal)

We are sending you: **Information for your use.**

1. Testing Information

Remarks:

Additional information to follow from Nabih Youssef & Associates

Please call if you have any questions.

These are due by:

If enclosures listed above are not received, please notify sender.

Very truly yours,
Nadel Architects Inc.

Copies to:

By: **Charlotte Sahara**
Phone extension #259
E-mail: cesharo@nadelarc.com
Web: www.nadelarc.com

NABIH YOUSSEF & ASSOCIATES
Structural Engineers

Telecopier (Fax) Transmittal Cover Sheet

Date Submitted: 11/13/03

Attention: Charlotte Sahara/Nadel Architects 310.826.0182

From: Kirk Hodge

No. of Pages Excluding Cover Sheet: 9

Subject: LA County Hall of Justice retrofit

Remarks:

Steel coupon testing locations & details –

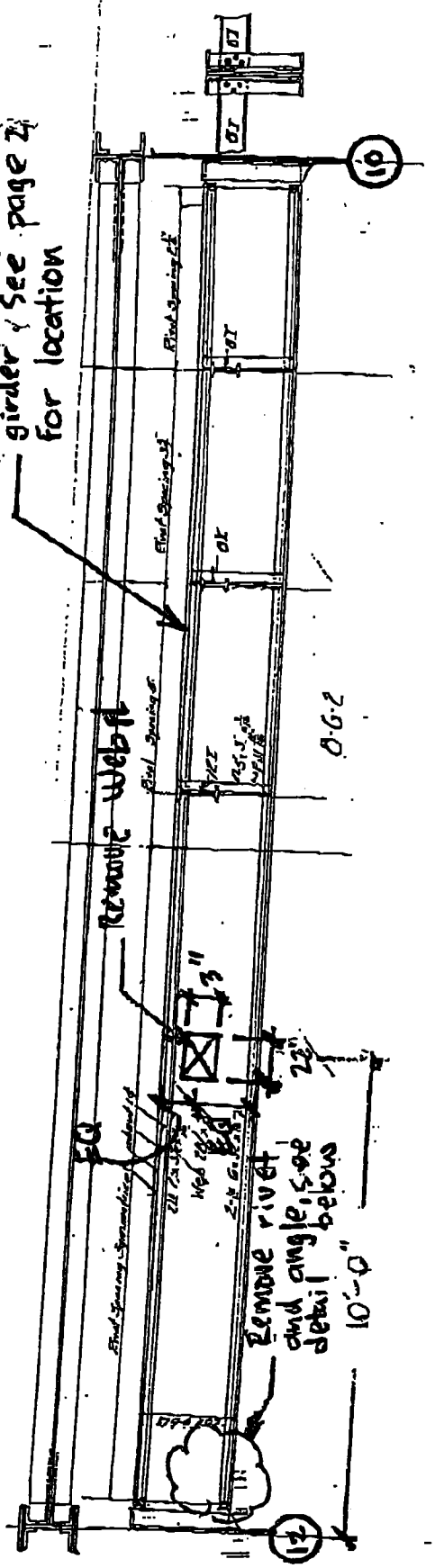
Details include coupon removal of steel plate, steel angle, steel rivet and material from standard wide flange beams. Weld repair details are included for repair of steel members where coupons are removed. Coupon extraction locations for built-up steel sections have been located on plan and locations for coupon extraction for standard wide flange sections may be determined in field pending NYA approval.

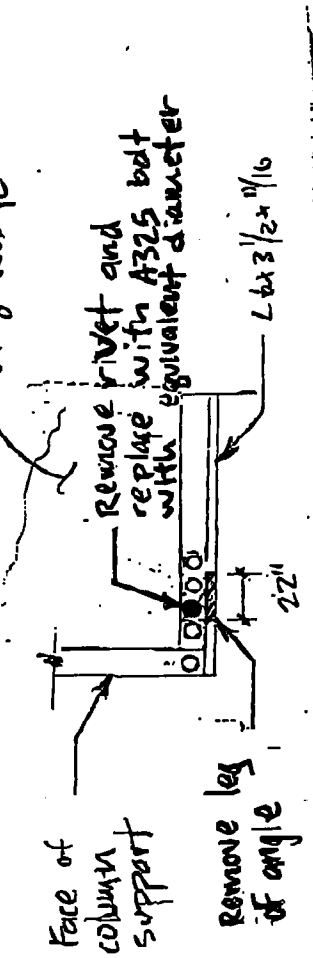
per Ronyan Smith NYA – the requested test is the standard tensile test ASTM 370.

If there are any questions or problems please call (213) 362-0707
Nabih Youssef & Associates Fax. No.: (213) 688-3018

Nabih Youssef & Associates - 800 Wilshire Boulevard, Suite 510, Los Angeles, California 90017

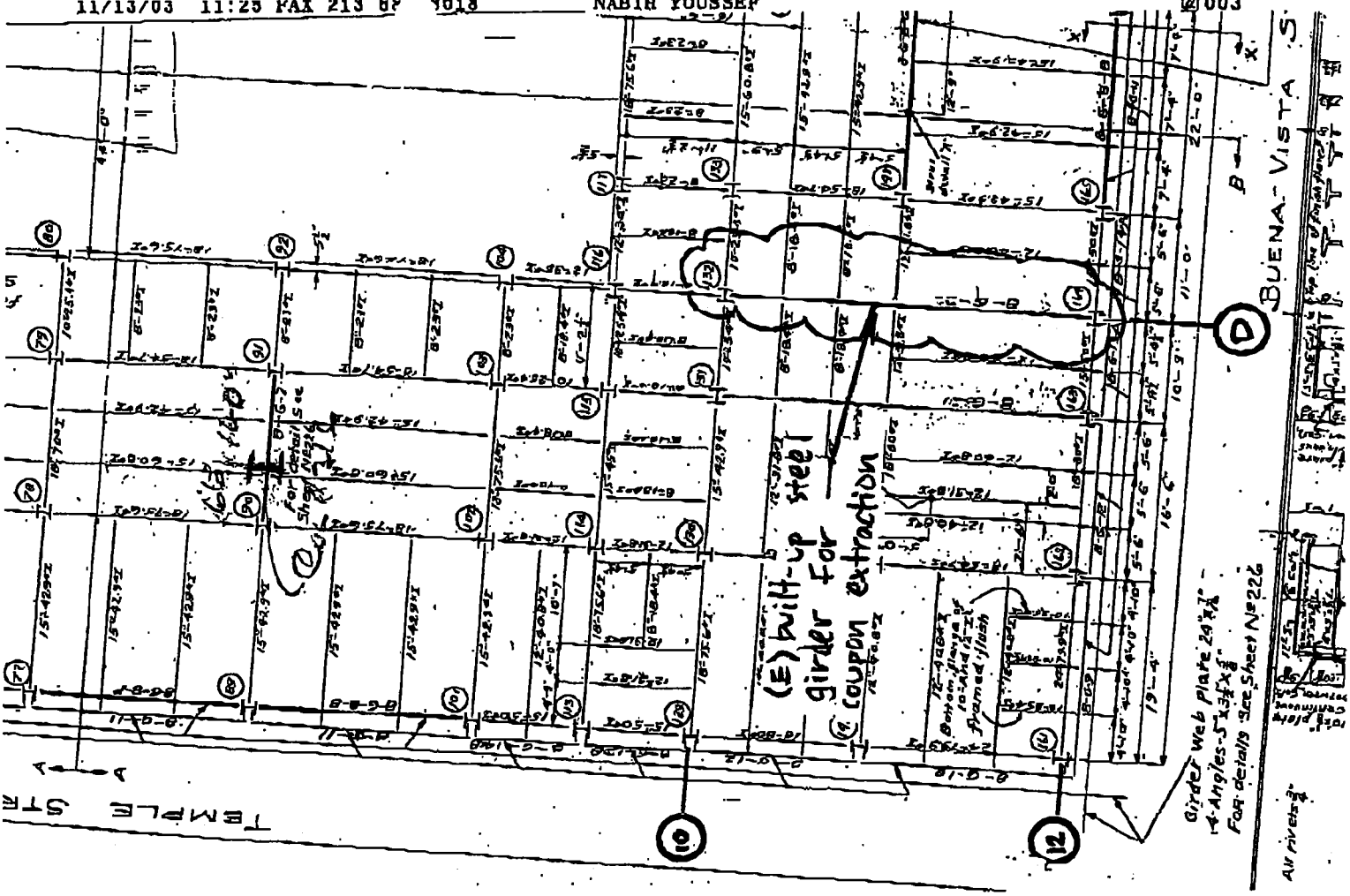
GIRDER 8-G2
COUPON EXTRACTION





Note: see page 8 and page 9 for weld repair.

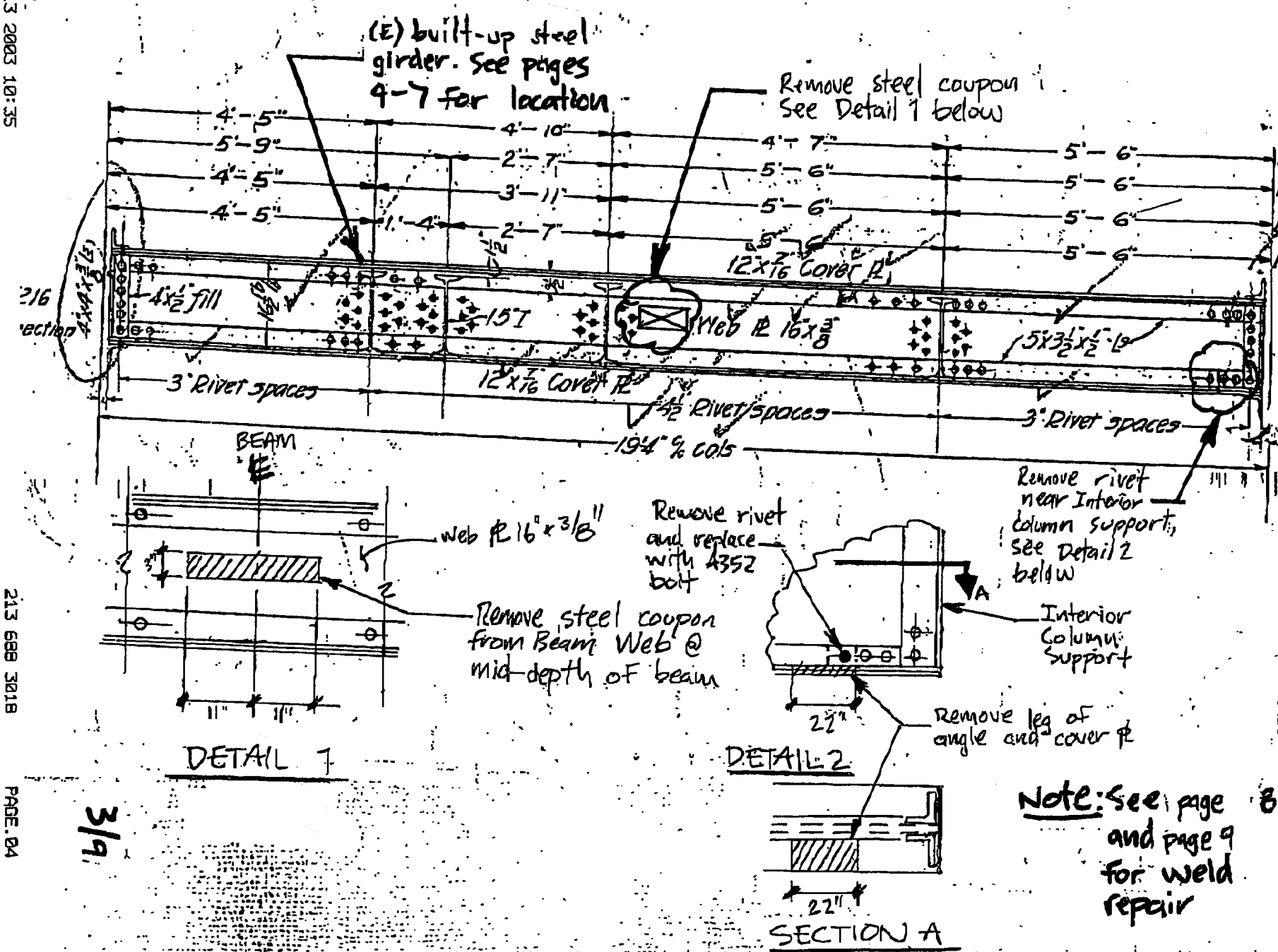
1/9



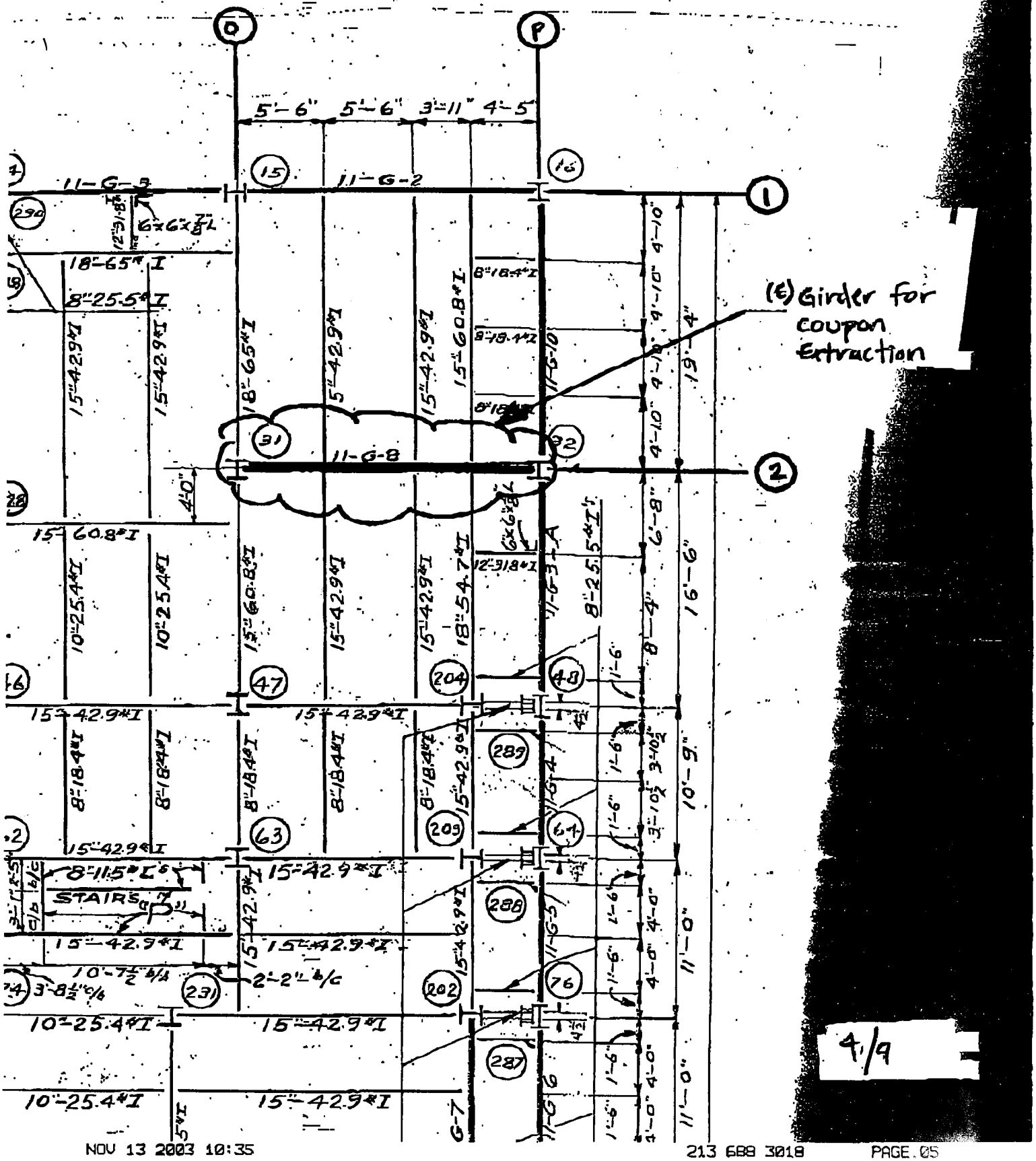
Eighth Floor Framing Plan

2/9

11TH, 12TH, 13TH, 14TH FLOOR GIRDER
COUPON EXTRACTION



11TH Floor Framing Plan



COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001419 07/31/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070384

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Basement B51 North Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: N/A **TAKEN BY:** CLIENT
RECEIVED ON: 06/01/2003

CORE NO	1.2	1.3	1.4
DATE OF TEST	07/18/2003	Sample too	07/18/2003
AGE, DAYS	N/A	short	N/A
DIAMETER, in.	3.71		3.71
LENGTH AS RECEIVED, in.	7.03	Recore in	5.50
CAPPED LENGTH, in	7.27	progress	5.73
AREA, sq.in.	10.81		10.81
LENGTH/DIAMETER	1.96		1.54
CORRECTION FACTOR	1.00		0.96
MAX. LOAD, lbf	23480		38240
COMPR. STRENGTH, psi	2172		3537
CORR. COMPR. STR., psi	**2170**		**3400**
MOD. OF ELAST., x10^6 PSI			
UNIT WEIGHT, PCF			**142.2**

AVERAGE STRENGTH:
COMPLIANCE:
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001420
DATE: 07/31/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070385

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Basement B-42 West Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/20/2003 **TAKEN BY:** CLIENT
RECEIVED ON: 06/01/2003

CORE NO	2.2	2.3	2.4
DATE OF TEST	07/17/2003	07/17/2003	07/17/2003
AGE, DAYS	N/A	N/A	N/A
DIAMETER, in.	3.71	3.71	3.71
LENGTH AS RECEIVED, in.	5.5	6.6	6.1
CAPPED LENGTH, in	5.75	6.85	6.33
AREA, sq.in.	10.81	10.81	10.81
LENGTH/DIAMETER	1.55	1.85	1.71
CORRECTION FACTOR	0.96	1.00	0.98
MAX. LOAD, lbf	44824	35746	36313
COMPR. STRENGTH, psi	4146	3307	3359
CORR. COMPR. STR., psi	**3980**	**3310**	**3290**
MOD. OF ELAST., x10^6 PSI			
UNIT WEIGHT, PCF			**137.3**

AVERAGE STRENGTH: **3527 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001454 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070580

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **First Floor Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN:
TAKEN BY: CLIENT
RECEIVED ON: 07/08/2003

CORE NO	3.2	3.3
DATE OF TEST	07/23/2003	07/23/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.		
CAPPED LENGTH, in	5.39	5.14
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.45	1.39
CORRECTION FACTOR	0.95	0.95
MAX. LOAD, lbf	37448	40852
COMPR. STRENGTH, psi	3464	3779
CORR. COMPR. STR., psi	**3290**	**3590**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**100.4**

AVERAGE STRENGTH: **3440 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Twining Laboratories
OF SOUTHERN CALIFORNIA, INC.

TESTING ▲ INSPECTION ▲ ENGINEERING
Services for Over 100 Years

"One Test is Worth a Thousand Expert Opinions"

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001421
DATE: 07/31/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070386

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 2, 270 East Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/21/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	6.2	6.3
DATE OF TEST	07/17/2003	07/17/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	4.80	6.99
CAPPED LENGTH, in	5.05	7.22
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.36	1.95
CORRECTION FACTOR	0.94	1.00
MAX. LOAD, lbf	47661	35880
COMPR. STRENGTH, psi	4409	3319
CORR. COMPR. STR., psi	**4140**	**3320**
MOD. OF ELAST., x10^6 PSI		**3.60**
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **3730 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

Twining Laboratories
OF SOUTHERN CALIFORNIA, INC.

TESTING ▲ INSPECTION ▲ ENGINEERING
Services for Over 100 Years

"One Test is Worth a Thousand Expert Opinions"

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001428
DATE: 07/31/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070389

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 4, Room 442 South Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/22/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	10.2	10.3
DATE OF TEST	07/17/2003	07/17/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	4.54	7.04
CAPPED LENGTH, in	4.81	7.33
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.30	1.98
CORRECTION FACTOR	0.94	1.00
MAX. LOAD, lbf	21561	19575
COMPR. STRENGTH, psi	1994	1811
CORR. COMPR. STR., psi	**1870**	**1810**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**134.9**

AVERAGE STRENGTH: **1840 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001429 07/31/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070390

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 4, Room 442 South Floor**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/22/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	11.2	11.3
DATE OF TEST	07/17/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	
LENGTH AS RECEIVED, in.	3.82	Recore in
CAPPED LENGTH, in	4.08	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.10	
CORRECTION FACTOR	0.89	
MAX. LOAD, lbf	53051	
COMPR. STRENGTH, psi	4907	
CORR. COMPR. STR., psi	**4370**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF	**140.6**	

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001430
DATE: 07/31/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070391

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 6, Room 635 South Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/22/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	12.2	12.3
DATE OF TEST	07/18/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	
LENGTH AS RECEIVED, in.	6.46	Recore in
CAPPED LENGTH, in	6.69	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.80	
CORRECTION FACTOR	1.00	
MAX. LOAD, lbf	31800	
COMPR. STRENGTH, psi	2942	
CORR. COMPR. STR., psi	**2940**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001431
DATE: 07/31/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070392

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 6, Room 635 South Floor**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/22/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	13.2	13.3
DATE OF TEST	07/18/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	for MOE
LENGTH AS RECEIVED, in.	3.75	Recore in
CAPPED LENGTH, in	4.05	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.09	
CORRECTION FACTOR	0.89	
MAX. LOAD, lbf	28880	
COMPR. STRENGTH, psi	2672	
CORR. COMPR. STR., psi	**2380**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PMB 212, Huntington Beach, CA 92649 • Phone: (714) 960-0830 • Fax: (714) 960-0860

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001432 07/31/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070393

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 6, Room 669 North Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/22/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	14.2	14.3
DATE OF TEST	07/18/2003	07/18/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	7.00	4.25
CAPPED LENGTH, in	7.28	4.51
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.96	1.22
CORRECTION FACTOR	1.00	0.92
MAX. LOAD, lbf	29960	31400
COMPR. STRENGTH, psi	2771	2905
CORR. COMPR. STR., psi	**2770**	**2670**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF	**136.1**	

AVERAGE STRENGTH: **2720 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001433
DATE: 07/31/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070394

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 8, Room 812 East Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/23/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	16.2	16.3
DATE OF TEST	07/18/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	for MOE
LENGTH AS RECEIVED, in.	6.00	Recore in
CAPPED LENGTH, in	6.38	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.72	
CORRECTION FACTOR	0.98	
MAX. LOAD, lbf	18120	
COMPR. STRENGTH, psi	1676	
CORR. COMPR. STR., psi	**1640**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001434 07/31/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070395

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 8, Room 812 SouthEast Floor**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/23/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	17.2	17.3
DATE OF TEST	07/18/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	for MOE
LENGTH AS RECEIVED, in.	3.63	Recore in
CAPPED LENGTH, in	3.82	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.03	
CORRECTION FACTOR	0.88	
MAX. LOAD, lbf	46920	
COMPR. STRENGTH, psi	4340	
CORR. COMPR. STR., psi	**3820**	
MOD. OF ELAST.; x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001435 07/31/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070396

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 8, Room 839 West Wall**

MIX DESIGN:	N/A	**SPECIFIED STRENGTH, PSI:**			N/A
DATE CAST:	N/A	**DATE TAKEN:**	05/23/2003	**TAKEN BY:**	CLIENT
DELIVERED BY:	TLSC	**RECEIVED ON:**			

CORE NO	18.2	18.3
DATE OF TEST	07/18/2003	07/18/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	7.04	5.43
CAPPED LENGTH, in	6.18	7.24
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.67	1.95
CORRECTION FACTOR	0.97	1.00
MAX. LOAD, lbf	19520	18800
COMPR. STRENGTH, psi	1806	1739
CORR. COMPR. STR., psi	**1750**	**1740**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF	**134.7**	

AVERAGE STRENGTH: **1745 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PM B 213, Huntington Beach, CA 92649 • Phone: (714) 960-0830 • Fax: (714) 960-0860

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001436 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070397

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 10, Room 1011 East Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/26/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	20.2	20.3
DATE OF TEST	07/17/2003	07/17/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	7.04	7.05
CAPPED LENGTH, in	7.28	7.31
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.96	1.97
CORRECTION FACTOR	1.00	1.00
MAX. LOAD, lbf	25128	32800
COMPR. STRENGTH, psi	2324	3034
CORR. COMPR. STR., psi	**2320**	**3030**
MOD. OF ELAST., x10^6 PSI		**2.65**
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **2675 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PM B 218, Huntington Beach, CA 92649 • Phone: (714) 893-3355 • Fax: (714) 893-3356

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001437 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070398

ARCHITECT: **CONTRACTOR:**
ENGINEER: **SUBCONTRACTOR:**

SAMPLED FROM: **Level 10, Room 1027 North Wall**

MIX DESIGN: N/A **SPECIFIED STRENGTH, PSI:** N/A
DATE CAST: N/A **DATE TAKEN:** 05/26/2003 **TAKEN BY:** CLIENT
DELIVERED BY: TLSC **RECEIVED ON:**

CORE NO	22.2	22.3
DATE OF TEST	07/18/2003	07/18/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	6.51	5.91
CAPPED LENGTH, in	6.09	6.74
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.64	1.82
CORRECTION FACTOR	0.97	1.00
MAX. LOAD, lbf	32200	15120
COMPR. STRENGTH, psi	2979	1399
CORR. COMPR. STR., psi	**2890**	**1400**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**135.0**

AVERAGE STRENGTH: **2145 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001438 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070399

ARCHITECT: **CONTRACTOR:**
ENGINEER: **SUBCONTRACTOR:**

SAMPLED FROM: **Level 12, Room 1221 North Wall**

MIX DESIGN: N/A **SPECIFIED STRENGTH, PSI:** N/A
DATE CAST: N/A **DATE TAKEN:** 05/26/2003 **TAKEN BY:** CLIENT
DELIVERED BY: TLSC **RECEIVED ON:**

CORE NO	24.2	24.3
DATE OF TEST	07/18/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	for MOE
LENGTH AS RECEIVED, in.	6.00	Recore in
CAPPED LENGTH, in	6.22	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.68	
CORRECTION FACTOR	0.97	
MAX. LOAD, lbf	25880	
COMPR. STRENGTH, psi	2394	
CORR. COMPR. STR., psi	**2320**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001439 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070400

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 12, Room 1221 Northeast Floor**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/26/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	25.2	25.3
DATE OF TEST	07/18/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	for MOE
LENGTH AS RECEIVED, in.	5.95	Recore in
CAPPED LENGTH, in	4.34	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.17	
CORRECTION FACTOR	0.91	
MAX. LOAD, lbf	21760	
COMPR. STRENGTH, psi	2013	
CORR. COMPR. STR., psi	**1830**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001440
DATE: 08/01/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070401

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 12, Room 1216 West Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/26/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	26.3	26.2
DATE OF TEST	07/18/2003	Sample not
AGE, DAYS	N/A	received
DIAMETER, in.	3.71	yet
LENGTH AS RECEIVED, in.	5.25	
CAPPED LENGTH, in	4.43	
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.19	
CORRECTION FACTOR	0.92	
MAX. LOAD, lbf	18760	
COMPR. STRENGTH, psi	1735	
CORR. COMPR. STR., psi	**1600**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF	**133.7**	

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:** **FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	03-9-001441 08/01/2003 30612001 1 1070402
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA		

ARCHITECT: **CONTRACTOR:**
ENGINEER: **SUBCONTRACTOR:**

SAMPLED FROM: **Level 12, Room 1216 Southwest Floor**

MIX DESIGN: N/A **SPECIFIED STRENGTH, PSI:** N/A
DATE CAST: N/A **DATE TAKEN:** 05/26/2003 **TAKEN BY:** CLIENT
DELIVERED BY: TLSC **RECEIVED ON:**

CORE NO	27.2	27.3
DATE OF TEST	07/18/2003	07/18/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	3.56	3.22
CAPPED LENGTH, in	3.52	3.81
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	0.95	1.03
CORRECTION FACTOR	NO GOOD	0.88
MAX. LOAD, lbf	L/D<1.00	39200
COMPR. STRENGTH, psi	Not	3626
CORR. COMPR. STR., psi	**Testable**	**3190**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF	**134.1**	

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PMB 213, Huntington Beach, CA 92649 • Phone: (714) 903-3999 • Fax: (714) 903-3998

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001442 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070403

ARCHITECT: **CONTRACTOR:**
ENGINEER: **SUBCONTRACTOR:**

SAMPLED FROM: **Level 14, Room 1406 South Wall**

MIX DESIGN: N/A **SPECIFIED STRENGTH, PSI:** N/A
DATE CAST: N/A **DATE TAKEN:** 05/26/2003 **TAKEN BY:** CLIENT
DELIVERED BY: TLSC **RECEIVED ON:**

CORE NO	28.2	28.3
DATE OF TEST	07/18/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.71	for MOE
LENGTH AS RECEIVED, in.	7.04	Recore in
CAPPED LENGTH, in	7.22	progress
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.95	
CORRECTION FACTOR	1.00	
MAX. LOAD, lbf	22280	
COMPR. STRENGTH, psi	2061	
CORR. COMPR. STR., psi	**2060**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001443 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070405

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 14, Room 1429 West Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/26/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	30.2	30.3
DATE OF TEST	07/18/2003	07/18/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	5.15	6.95
CAPPED LENGTH, in	4.95	7.19
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.33	1.94
CORRECTION FACTOR	0.94	1.00
MAX. LOAD, lbf	17400	16240
COMPR. STRENGTH, psi	1610	1502
CORR. COMPR. STR., psi	**1510**	**1500**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**132.6**

AVERAGE STRENGTH: **1505** **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001444
DATE: 08/01/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070406

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 14, Room 1429 Northwest Floor**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN: 05/26/2003 **TAKEN BY:** CLIENT
RECEIVED ON:

CORE NO	31.2	31.3
DATE OF TEST	07/18/2003	07/18/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	4.70	4.75
CAPPED LENGTH, in	4.99	5.15
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.35	1.39
CORRECTION FACTOR	0.94	0.95
MAX. LOAD, lbf	20800	21920
COMPR. STRENGTH, psi	1924	2028
CORR. COMPR. STR., psi	**1810**	**1930**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF	**133.7**	

AVERAGE STRENGTH: **1870 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PMB 213, Huntington Beach, CA

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001455 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070581

ARCHITECT: **CONTRACTOR:**
ENGINEER: **SUBCONTRACTOR:**

SAMPLED FROM: **12th Floor (Stair #23) Wall**

MIX DESIGN: N/A **SPECIFIED STRENGTH, PSI:** N/A
DATE CAST: N/A **DATE TAKEN:** **TAKEN BY:** CLIENT
DELIVERED BY: TLSC **RECEIVED ON:** 07/08/2003

CORE NO	32.2	32.3
DATE OF TEST	07/23/2003	07/23/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.		
CAPPED LENGTH, in	5.74	5.55
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.55	1.50
CORRECTION FACTOR	0.96	0.96
MAX. LOAD, lbf	61000	56740
COMPR. STRENGTH, psi	5643	5249
CORR. COMPR. STR., psi	**5420**	**5040**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **5230 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001456
DATE: 08/01/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070582

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **2nd Floor Wall**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN:
TAKEN BY: CLIENT
RECEIVED ON: 07/08/2003

CORE NO	43.2	43.3
DATE OF TEST	07/23/2003	07/23/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.		
CAPPED LENGTH, in	4.74	6.41
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.28	1.73
CORRECTION FACTOR	0.93	0.98
MAX. LOAD, lbf	52768	44824
COMPR. STRENGTH, psi	4881	4146
CORR. COMPR. STR., psi	**4540**	**4060**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**109.5**

AVERAGE STRENGTH: **4300 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave. Suite 113, PMB 212, Huntington Beach, CA 92649 • Phone:

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001457 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070583

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **12th Floor Wall (Stair #23)**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN:
TAKEN BY: CLIENT
RECEIVED ON: 07/08/2003

CORE NO	44.2	44.3
DATE OF TEST	07/23/2003	07/23/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.		
CAPPED LENGTH, in	5.41	5.32
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.46	1.43
CORRECTION FACTOR	0.96	0.95
MAX. LOAD, lbf	60144	64116
COMPR. STRENGTH, psi	5564	5931
CORR. COMPR. STR., psi	**5340**	**5630**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**102.1**

AVERAGE STRENGTH: **5485 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113-B M.B. 212, Huntington Beach, CA 92649 • Phone: (714) 898-3999 • Fax: (714) 898-3993

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001445
DATE: 08/01/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070407

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 1, Room 114 East Floor**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN:
RECEIVED ON:

TAKEN BY: CLIENT

CORE NO	57.2	57.3
DATE OF TEST	07/25/2003	07/25/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	3.28	5.18
CAPPED LENGTH, in	5.32	4.14
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.43	1.12
CORRECTION FACTOR	0.95	0.90
MAX. LOAD, lbf	24080	26440
COMPR. STRENGTH, psi	2228	2446
CORR. COMPR. STR., psi	**2120**	**2200**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**135.5**

AVERAGE STRENGTH: **2160 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PMB 312, Huntington Beach, CA 92649 • Phone: (714) 898-3661

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001458 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070575

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **3rd Floor Ceiling**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN:
TAKEN BY: CLIENT
RECEIVED ON: 07/08/2003

CORE NO	58.2	58.3
DATE OF TEST	07/23/2003	07/23/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.		
CAPPED LENGTH, in	4.08	5.79
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.10	1.56
CORRECTION FACTOR	0.89	0.96
MAX. LOAD, lbf	55037	47945
COMPR. STRENGTH, psi	5091	4435
CORR. COMPR. STR., psi	**4530**	**4260**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **4395 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PMB 313, Huntington Beach, CA 92649 • Phone: (714) 960-0830 • Fax: (714) 960-0860

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001459
DATE: 08/01/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070576

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **3rd Floor Ceiling**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI:
DATE TAKEN:
RECEIVED ON: 07/08/2003

TAKEN BY: N/A CLIENT

CORE NO	59.3	
DATE OF TEST	07/23/2003	
AGE, DAYS	N/A	
DIAMETER, in.	3.71	
LENGTH AS RECEIVED, in.		
CAPPED LENGTH, in	4.07	
AREA, sq.in.	10.81	
LENGTH/DIAMETER	1.10	
CORRECTION FACTOR	0.89	
MAX. LOAD, lbf	46810	
COMPR. STRENGTH, psi	4330	
CORR. COMPR. STR., psi	**3850**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF	**138.2**	

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave. Suite 113, PM B 212, Huntington Beach, CA 92649 • Phone: (714) 895-8855

COMPRESSION TESTS ON CONCRETE CORES

CLIENT:	HALL OF JUSTICE ASSOCIATES, INC. ATTN: FRED CASE 304 S. BROADWAY, SUITE 400 LOS ANGELES, CA 90013	**EXAM NO:** **DATE:** **TLSC JOB NO:** **PERMIT NO:** **DSA APPL. NO.:**	03-9-001446 08/01/2003 30612001
JOB NAME	LOS ANGELES COUNTY HALL OF JUSTICE 211 W. TEMPLE STREET LONG BEACH, CA	**FILE NO:** **OSHPD NO.:** **PAGE NO:** **LAB NO:**	 1 1070693

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **5TH Floor**

MIX DESIGN:	N/A	**SPECIFIED STRENGTH, PSI:**			N/A
DATE CAST:	N/A	**DATE TAKEN:**		**TAKEN BY:**	CLIENT
DELIVERED BY:	TLSC	**RECEIVED ON:**			

CORE NO	60.5	60.6
DATE OF TEST	07/25/2003	Sample too
AGE, DAYS	N/A	short
DIAMETER, in.	3.22	for Compression
LENGTH AS RECEIVED, in.	3.63	Test
CAPPED LENGTH, in	3.87	
AREA, sq.in.	8.14	
LENGTH/DIAMETER	1.20	
CORRECTION FACTOR	0.92	
MAX. LOAD, lbf	28560	
COMPR. STRENGTH, psi	3507	
CORR. COMPR. STR., psi	**3230**	
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		

AVERAGE STRENGTH: **psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, PM B 213, Huntington Beach, CA 92649 • Phone: (714) 960-9220 • Fax: (714) 960-9860

COMPRESSION TESTS ON CONCRETE CORES

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001447
DATE: 08/01/2003
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 1070409

ARCHITECT:
ENGINEER:

CONTRACTOR:
SUBCONTRACTOR:

SAMPLED FROM: **Level 9, Room 949 East Floor**

MIX DESIGN: N/A
DATE CAST: N/A
DELIVERED BY: TLSC

SPECIFIED STRENGTH, PSI: N/A
DATE TAKEN:
RECEIVED ON:

TAKEN BY: CLIENT

CORE NO	62.2	62.3
DATE OF TEST	07/25/2003	07/25/2003
AGE, DAYS	N/A	N/A
DIAMETER, in.	3.71	3.71
LENGTH AS RECEIVED, in.	5.35	5.22
CAPPED LENGTH, in	5.64	5.47
AREA, sq.in.	10.81	10.81
LENGTH/DIAMETER	1.52	1.47
CORRECTION FACTOR	0.96	0.96
MAX. LOAD, lbf	53920	42920
COMPR. STRENGTH, psi	4988	3970
CORR. COMPR. STR., psi	**4790**	**3810**
MOD. OF ELAST., x10^6 PSI		
UNIT WEIGHT, PCF		**141.0**

AVERAGE STRENGTH: **4300 psi**
COMPLIANCE: Results for information as part of investigation
TEST STANDARD: ASTM C42, C469
CURING: Seven-day air dry
NOTES:

Peter R. Forsythe

Corporate Office: 3310 Airport Way, Long Beach, CA 90806 • Phone: (562) 426-3355 • Fax: (562) 426-6424
Orange County: 5942 Edinger Ave., Suite 113, P.M.B. 313, Huntington Beach, CA 92649 • Phone: (714) 960-0830 • Fax: (714) 960-0860
Riverside: 6411 Industrial Ave., Suite D, Riverside, CA 92504-1143 • Phone: (909) 354-2450 • Fax: (909) 354-2451

Twining Laboratories
OF SOUTHERN CALIFORNIA, INC.

www.twininglabs.com

TESTING ▲ INSPECTION ▲ ENGINEERING
Services for Over 100 Years

"One Test is Worth a Thousand Expert Opinions"

TESTS ON REINFORCING STEEL

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001415
DATE: 07/31/03
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 7186

ARCHITECT:
ENGINEER:

CONTRACTOR: CLARKE CONSTRUCTION
SUBCONTRACTOR:

SAMPLED AT: JOBSITE
SAMPLED BY: CLIENT
DELIVERED BY: TLSC
SPECIFICATION: N/A

SAMPLED ON:
RECEIVED ON: 07/08/03

SAMPLE NO.	SIZE	DIMENSIONS	HEAT NO	AREA sq inches	YIELD STR. psi	TENSILE STR. psi	ELONG %	GL in.	BEND TEST
1.6	Square	.75 in. X .75 in.	N/A	0.563	40700	60800	22.0	8	N/A
2.5	Square	.75 in. X .75 in.	N/A	0.563	39800	57900	27	8	N/A
5.4	Square	.39 in. X .39 in.	N/A	0.152	36700	52800	29	8	N/A
6.5	Square	.39 in. X .39 in.	N/A	0.152	41800	60200	18	8	N/A
3.5	#4		N/A	0.200	59400	87100	13	8	N/A
43.5	#4		N/A	0.200	53000	78100	20	8	N/A

COMPLIANCE: For Information Only
TEST STANDARD: ASTM A370
REMARKS: Square bar dimensions and areas do not include allowance for deformations

Peter R. Forsythe
Civil Engineer

Form: TLSC-04 Date 10-12-99

TESTS ON REINFORCING STEEL

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001416
DATE: 07/31/03
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 7183

ARCHITECT:
ENGINEER:

CONTRACTOR: CLARKE CONSTRUCTION
SUBCONTRACTOR:

SAMPLED AT: JOBSITE
SAMPLED BY: CLIENT
DELIVERED BY: TLSC
SPECIFICATION: N/A

SAMPLED ON:
RECEIVED ON: 07/16/03

SAMPLE NO.	SIZE	DIMENSIONS	HEAT NO	AREA sq inches	YIELD STR. psi	TENSILE STR. psi	ELONG %	GL in.	BEND TEST
28.5	Square	.391 in. X .395 in.	N/A	0.154	39600	55100	25	8	N/A
28.6	Square	.396 in. X .396 in.	N/A	0.156	40000	55500	25	8	N/A
23.4	Square	.390 in. X .396 in.	N/A	0.154	38100	57700	23	8	N/A
23.5	Square	.404 in. X .370 in.	N/A	0.149	40800	59300	24	8	N/A
17.5	Square	.398 in. X .392 in.	N/A	0.156	38700	54800	27	8	N/A
17.6	Square	.382 in. X .382 in.	N/A	0.146	41900	60100	23	8	N/A
13.5	Square	.391 in. X .396 in.	N/A	0.154	37000	46400	30	8	N/A
13.6	Square	.394 in. X .404 in.	N/A	0.159	42500	59900	27	8	N/A

COMPLIANCE: For Information Only
TEST STANDARD: ASTM A370
REMARKS: Square bar dimensions and areas do not include allowance for deformations

Peter R. Forsythe
Civil Engineer

Form: TLSC-04 Date 10-12-99

TESTS ON REINFORCING STEEL

CLIENT: HALL OF JUSTICE ASSOCIATES, INC.
ATTN: FRED CASE
304 S. BROADWAY, SUITE 400
LOS ANGELES, CA 90013

JOB NAME LOS ANGELES COUNTY HALL OF JUSTICE
211 W. TEMPLE STREET
LONG BEACH, CA

EXAM NO: 03-9-001418
DATE: 07/31/03
TLSC JOB NO: 30612001
PERMIT NO:
DSA APPL. NO.:
FILE NO:
OSHPD NO.:
PAGE NO: 1
LAB NO: 7185

ARCHITECT:
ENGINEER:

CONTRACTOR: CLARKE CONSTRUCTION
SUBCONTRACTOR:

SAMPLED AT: JOBSITE
SAMPLED BY: CLIENT
DELIVERED BY: TLSC
SPECIFICATION: N/A

SAMPLED ON:
RECEIVED ON: 07/16/03

SAMPLE NO.	SIZE	DIMENSIONS	HEAT NO	AREA sq inches	YIELD STR. psi	TENSILE STR. psi	ELONG %	GL in.	BEND TEST
32.5	4		N/A	0.200	55800	76500	10	8	N/A
32.6	4	visible gouges	N/A	0.200	16300	68700	9	8	N/A
44.5	4	visible gouges	N/A	0.200	22700	67900	8	8	N/A
44.6	4		N/A	0.200	49700	73200	21	8	N/A
24.5	Square	.380 in. X .380 in.	N/A	0.144	39100	53800	22	8	N/A
24.6	Square	.390 in. X .390 in.	N/A	0.152	43600	62300	25	8	N/A
22.4	Square	.390 in. X .390 in.	N/A	0.152	43300	62000	25	8	N/A
22.5	Square	.390 in. X .390 in.	N/A	0.152	41300	60700	25	8	N/A

COMPLIANCE: For Information Only
TEST STANDARD: ASTM A370
REMARKS: Square bar dimensions and areas do not include allowance for deformations

Peter R. Forsythe
Civil Engineer

Form: TLSC-04 Date 10-12-99

HALL OF JUSTICE INVESTIGATIONS
MATERIALS TEST LOG

Line	Test No.	Level	Room No.	Location	Surface	Material	Test Type	Sample Date	To Lab	Lab Test	Remarks	Status	Photo	Test Result
1	1.1	B	B51	North	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
2	1.2	B	B51	North	Wall	Concrete	Compressive Strength	05/20/03	X				Y	
3	1.3	B	B51	North	Wall	Concrete	Compressive Strength	05/20/03	X				Y	
4	1.4	B	B51	North	Wall	Concrete	Compressive Strength	05/20/03	X				Y	
5	1.5	B	B51	North	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
6	1.6	B	B51	North	Wall	Rebar	Tensile Strength	cpt.	7/8				Y	
7	1.7	B	B51	North	Wall	Rebar	Tensile Strength		pend			UNKNOWN !	Y	
8	1.8	B	B51	North	Wall	Concrete	Unit Weight	n/a	---				Y	
9	2.1	B	B42	West	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
10	2.2	B	B42	West	Wall	Concrete	Compressive Strength	05/20/03	X				Y	
11	2.3	B	B42	West	Wall	Concrete	Compressive Strength	05/20/03	X				Y	
12	2.4	B	B42	West	Wall	Concrete	Compressive Strength	05/20/03	X				Y	
13	2.5	B	B42	West	Wall	Rebar	Tensile Strength	cpt.	7/8				Y	
14	2.6	B	B42	West	Wall	Rebar	Tensile Strength		pend			UNKNOWN !	Y	
15	2.7	B	B42	West	Wall	Concrete	Unit Weight	n/a	---				Y	
16	3.1	1.5	S04	East	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
17	3.2	1.5	S04	East	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
18	3.3	1.5	S04	East	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
19	3.4	1.5	S04	East	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
20	3.5	1.5	S04	East	Wall	Rebar	Tensile Strength	cpt.	7/8		17" vert.		Y	
21	3.6	1.5	S04	East	Wall	Rebar	Tensile Strength		pend			UNKNOWN !	Y	
22	3.7	1.5	S04	East	Wall	Concrete	Unit Weight	n/a	---				Y	
23	4.1	2	207	Southeast	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
24	4.2	2	207	Southeast	Floor	Concrete	Compressive Strength	05/21/03	X	rej.	core too short		Y	cancel
25	4.3	2	207	Southeast	Floor	Concrete	Compressive Strength	05/22/03	pend			retrieve core	Y	
26	4.4	2	207	Southeast	Floor	Concrete	Modulus of Elasticity	n/a	---				Y	
27	4.5	2	207	Southeast	Floor	Concrete	Compressive Strength	07/15/03	7/16		re-core for 4.2			
28	5.1	2	271	Northeast	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
29	5.2	2	271	Northeast	Floor	Concrete	Compressive Strength	05/21/03	chk		No Top		Y	
30	5.3	2	271	Northeast	Floor	Concrete	Compressive Strength	05/22/03	X	rej.	core too short		Y	cancel
31	5.4	2	271	Northeast	Floor	Rebar	Tensile Strength	cpt.	7/8				Y	
32	5.5	2	271	Northeast	Floor	Rebar	Tensile Strength		pend			UNKNOWN !	Y	
33	5.6	2	271	Northeast	Floor	Concrete	Unit Weight	n/a	---				Y	
34	5.8	2	271	Northeast	Floor	Concrete	Compressive Strength	07/15/03	7/16	rej.	re-core for 5.3	core too short		
35	6.1	2	270	East	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
36	6.2	2	270	East	Wall	Concrete	Compressive Strength	05/21/03	X				Y	
37	6.3	2	270	East	Wall	Concrete	Compressive Strength	05/22/03	X				Y	
38	6.4	2	270	East	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
39	6.5	2	270	East	Wall	Rebar	Tensile Strength	cpt.	7/8				Y	
40	6.6	2	270	East	Wall	Rebar	Tensile Strength		pend			obtain rebar samples	Y	
41	7.1	2	207	South	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
42	7.2	2	207	South	Wall	Concrete	Compressive Strength	05/21/03	X				Y	
43	7.3	2	207	South	Wall	Concrete	Compressive Strength	05/22/03	X				Y	
44	7.4	2	207	South	Wall	Concrete	Unit Weight	n/a	---				Y	
45	8.1	4	460	North	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
46	8.2	4	460	North	Wall	Concrete	Compressive Strength	05/21/03	X				Y	
47	8.3	4	460	North	Wall	Concrete	Compressive Strength	05/21/03	X				Y	
48	8.4	4	460	North	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
49	8.5	4	460	North	Wall	Rebar	Tensile Strength		pend			obtain rebar samples	Y	
50	8.6	4	460	North	Wall	Rebar	Tensile Strength		pend			obtain rebar samples	Y	
51	9.1	4	460	North	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
52	9.2	4	460	North	Floor	Concrete	Compressive Strength	05/22/03	X	rej.	core too short		Y	cancel
53	9.3	4	460	North	Floor	Concrete	Compressive Strength	05/22/03	X	rej.	core too short		Y	cancel
54	9.4	4	460	North	Floor	Concrete	Modulus of Elasticity	n/a	---				Y	
55	9.5	4	460	North	Floor	Rebar	Tensile Strength		pend			obtain rebar samples	Y	
56	9.6	4	460	North	Floor	Rebar	Tensile Strength		pend			obtain rebar samples	Y	
57	9.7	4	460	North	Floor	Concrete	Compressive Strength	07/15/03	7/16	rej.	re-core for 9.2	core too short		
58	9.8	4	460	North	Floor	Concrete	Compressive Strength	07/15/03	7/16		re-core for 9.3			
59	10.1	4	442	South	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
60	10.2	4	442	South	Wall	Concrete	Compressive Strength	05/22/03	X				Y	
61	10.3	4	442	South	Wall	Concrete	Compressive Strength	05/22/03	X				Y	

DATE PRINTED: 7/23/2003

HALL OF JUSTICE INVESTIGATIONS
MATERIALS TEST LOG

Line	Test No.	Level	Room No.	Location	Surface	Material	Test Type	Sample Date	To Lab	Lab Test	Remarks	Status	Photo	Test Result
62	10.4	4	442	South	Wall	Concrete	Unit Weight	n/a	---				Y	
63	11.1	4	442	South	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
64	11.2	4	442	South	Floor	Concrete	Compressive Strength	05/22/03	X		2 Piece		Y	
65	11.3	4	442	South	Floor	Concrete	Compressive Strength	05/22/03	X		2 Piece		Y	
66	11.4	4	442	South	Floor	Concrete	Unit Weight	n/a	---				Y	
67	12.1	6	635	South	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
68	12.2	6	635	South	Wall	Concrete	Compressive Strength	05/22/03	X				Y	
69	12.3	6	635	South	Wall	Concrete	Compressive Strength	05/22/03	X				Y	
70	12.4	6	635	South	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
71	12.5	6	635	South	Wall	Rebar	Tensile Strength	07/10/03	7/16		vert.		Y	
72	12.6	6	635	South	Wall	Rebar	Tensile Strength	07/10/03	7/16		horiz.		Y	
73	13.1	6	635	South	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
74	13.2	6	635	South	Floor	Concrete	Compressive Strength	05/22/03	X		Top Off		Y	
75	13.3	6	635	South	Floor	Concrete	Compressive Strength	05/22/03	X	rej.	core too short		Y	cancel
76	13.4	6	635	South	Floor	Concrete	Modulus of Elasticity	n/a	---	rej.	too short to test		Y	
77	13.5	6	635	South	Floor	Rebar	Tensile Strength	07/10/03	7/16		e/w		Y	
78	13.6	6	635	South	Floor	Rebar	Tensile Strength	07/10/03	7/16		n/s		Y	
79	13.7	6	635	South	Floor	Concrete	Compressive Strength	07/15/03	7/16		re-core for 13.3			
80	13.8	6	635	South	Floor	Concrete	Compressive Strength	07/15/03	7/16		re-core for 13.3			
81	14.1	6	669	North	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
82	14.2	6	669	North	Wall	Concrete	Compressive Strength	05/22/03	X				Y	
83	14.3	6	669	North	Wall	Concrete	Compressive Strength	05/22/03	X				Y	
84	14.4	6	669	North	Wall	Concrete	Unit Weight	n/a	---				Y	
85	15.1	6	669	North	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
86	15.2	6	669	North	Floor	Concrete	Compressive Strength	05/22/03	pend			retrieve core (rm lock)	Y	
87	15.3	6	669	North	Floor	Concrete	Compressive Strength	05/22/03	X	rej.	core too short		Y	cancel
88	15.4	6	669	North	Floor	Concrete	Unit Weight	n/a	---				Y	
89	16.1	8	812	East	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
90	16.2	8	812	East	Wall	Concrete	Compressive Strength	05/23/03	X				Y	
91	16.3	8	812	East	Wall	Concrete	Compressive Strength	05/23/03	X				Y	
92	16.4	8	812	East	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
93	16.5	8	812	East	Wall	Rebar	Tensile Strength	07/10/03	7/16		vert.		Y	
94	16.6	8	812	East	Wall	Rebar	Tensile Strength	07/10/03	7/16		horiz.		Y	
95	17.1	8	812	Southeast	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
96	17.2	8	812	Southeast	Floor	Concrete	Compressive Strength	05/23/03	X		Top On		Y	
97	17.3	8	812	Southeast	Floor	Concrete	Compressive Strength	05/23/03	X		Top On		Y	
98	17.4	8	812	Southeast	Floor	Concrete	Modulus of Elasticity	n/a	---	rej.	too short to test		Y	
99	17.5	8	812	Southeast	Floor	Rebar	Tensile Strength	07/10/03	7/16		e/w - (surf rust)		Y	
100	17.6	8	812	Southeast	Floor	Rebar	Tensile Strength	07/10/03	7/16		n/s - (surf rust)		Y	
101	18.1	8	839	West	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
102	18.2	8	839	West	Wall	Concrete	Compressive Strength	05/23/03	X				Y	
103	18.3	8	839	West	Wall	Concrete	Compressive Strength	05/23/03	X				Y	
104	18.4	8	839	West	Wall	Concrete	Unit Weight	n/a	---				Y	
105	19.1	8	839	West	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
106	19.2	8	839	West	Floor	Concrete	Compressive Strength	05/23/03	7/8	rej.	core too short		Y	cancel
107	19.3	8	839	West	Floor	Concrete	Compressive Strength	05/23/03	7/8	rej.	core too short		Y	cancel
108	19.4	8	839	West	Floor	Concrete	Unit Weight	n/a	---				Y	
109	20.1	10	1011	East	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
110	20.2	10	1011	East	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
111	20.3	10	1011	East	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
112	20.4	10	1011	East	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
113	21.1	10	1011	Southeast	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
114	21.2	10	1011	Southeast	Floor	Concrete	Compressive Strength	05/26/03	X	rej.	core too short		Y	cancel
115	21.3	10	1011	Southeast	Floor	Concrete	Compressive Strength	05/26/03	X	rej.	core too short		Y	cancel
116	21.4	10	1011	Southeast	Floor	Concrete	Modulus of Elasticity	n/a	---				Y	
117	21.5	10	1011	Southeast	Floor	Concrete	Compressive Strength	07/15/03	7/16		re-core for 21.2			
118	21.6	10	1011	Southeast	Floor	Concrete	Compressive Strength	07/15/03	7/16		re-core for 21.3			
119	22.1	10	1027	North	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
120	22.2	10	1027	North	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
121	22.3	10	1027	North	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
122	22.4	10	1027	North	Wall	Rebar	Tensile Strength	07/10/03	7/16		vert.		Y	
123	22.5	10	1027	North	Wall	Rebar	Tensile Strength	07/10/03	7/16		horiz.		Y	

DATE PRINTED: 7/23/2003

HALL OF JUSTICE INVESTIGATIONS
MATERIALS TEST LOG

Line	Test No.	Level	Room No.	Location	Surface	Material	Test Type	Sample Date	To Lab	Lab Test	Remarks	Status	Photo	Test Result
124	22.6	10	1027	North	Wall	Concrete	Unit Weight	n/a	---				Y	
125	23.1	10	1027	Northwest	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
126	23.2	10	1027	Northwest	Floor	Concrete	Compressive Strength	05/26/03	X	rej.	core too short		Y	cancel
127	23.3	10	1027	Northwest	Floor	Concrete	Compressive Strength	05/26/03	X	rej.	core too short		Y	cancel
128	23.4	10	1027	Northwest	Floor	Rebar	Tensile Strength	07/10/03	7/16		e/w		Y	
129	23.5	10	1027	Northwest	Floor	Rebar	Tensile Strength	07/10/03	7/16		n/s		Y	
130	23.6	10	1027	Northwest	Floor	Concrete	Unit Weight	n/a	---				Y	
131	23.7	10	1027	Northwest	Floor	Concrete	Compressive Strength	07/15/03	7/16	rej.	re-core for 23.2	core too short		
132	23.8	10	1027	Northwest	Floor	Concrete	Compressive Strength	07/15/03	7/16	rej.	re-core for 23.3	core has crack		
133	24.1	12	1221	North	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
134	24.2	12	1221	North	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
135	24.3	12	1221	North	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
136	24.4	12	1221	North	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
137	24.5	12	1221	North	Wall	Rebar	Tensile Strength	07/10/03	7/16		vert.		Y	
138	24.6	12	1221	North	Wall	Rebar	Tensile Strength	07/10/03	7/16		horiz.		Y	
139	25.1	12	1221	Northeast	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
140	25.2	12	1221	Northeast	Floor	Concrete	Compressive Strength	05/26/03	X		Top On		Y	
141	25.3	12	1221	Northeast	Floor	Concrete	Compressive Strength	05/26/03	X		2 Piece		Y	
142	25.4	12	1221	Northeast	Floor	Concrete	Modulus of Elasticity	n/a	---				Y	
143	25.5	12	1221	Northeast	Floor	Rebar	Tensile Strength	07/10/03	7/16		e/w		Y	
144	25.6	12	1221	Northeast	Floor	Rebar	Tensile Strength	07/10/03	7/16		n/s		Y	
145	26.1	12	1216	West	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
146	26.2	12	1216	West	Wall	Concrete	Compressive Strength	05/26/03	chk				Y	
147	26.3	12	1216	West	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
148	26.4	12	1216	West	Wall	Concrete	Unit Weight	n/a	---				Y	
149	27.1	12	1216	Southwest	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
150	27.2	12	1216	Southwest	Floor	Concrete	Compressive Strength	05/26/03	X	rej.	Top Off	core has void	Y	
151	27.3	12	1216	Southwest	Floor	Concrete	Compressive Strength	05/26/03	X		Top Off		Y	
152	27.4	12	1216	Southwest	Floor	Concrete	Unit Weight	n/a	---				Y	
153	28.1	14	1406	South	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
154	28.2	14	1406	South	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
155	28.3	14	1406	South	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
156	28.4	14	1406	South	Wall	Concrete	Modulus of Elasticity	n/a	---				Y	
157	28.5	14	1406	South	Wall	Rebar	Tensile Strength	07/10/03	7/16				Y	
158	28.6	14	1406	South	Wall	Rebar	Tensile Strength	07/10/03	7/16				Y	
159	29.1	14	1406	Southeast	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
160	29.2	14	1406	Southeast	Floor	Concrete	Compressive Strength	05/26/03	X		2 Piece		Y	
161	29.3	14	1406	Southeast	Floor	Concrete	Compressive Strength	05/26/03	X		2 Piece		Y	
162	29.4	14	1406	Southeast	Floor	Concrete	Modulus of Elasticity	n/a	---				Y	
163	29.5	14	1406	Southeast	Floor	Rebar	Tensile Strength	07/10/03	7/16		n/s		Y	
164	29.6	14	1406	Southeast	Floor	Rebar	Tensile Strength	07/10/03	7/16		e/w		Y	
165	30.1	14	1429	West	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
166	30.2	14	1429	West	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
167	30.3	14	1429	West	Wall	Concrete	Compressive Strength	05/26/03	X				Y	
168	30.4	14	1429	West	Wall	Concrete	Unit Weight	n/a	---				Y	
169	31.1	14	1429	Northwest	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
170	31.2	14	1429	Northwest	Floor	Concrete	Compressive Strength	05/26/03	X		Top On		Y	
171	31.3	14	1429	Northwest	Floor	Concrete	Compressive Strength	05/26/03	X		Top On		Y	
172	31.4	14	1429	Northwest	Floor	Concrete	Unit Weight	n/a	---				Y	
173	32.1	13.5	S04	East	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
174	32.2	13.5	S04	East	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
175	32.3	13.5	S04	East	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
176	32.4	13.5	S04	East	Wall	Concrete	Modulus of Elasticity	n/a	---	rej.	too short to test		Y	
177	32.5	13.5	S04	East	Wall	Rebar	Tensile Strength	cpt.	7/16		13" vert.		Y	
178	32.6	13.5	S04	East	Wall	Rebar	Tensile Strength	cpt.	7/16		21" horiz.		Y	
179	32.7	13.5	S04	East	Wall	Concrete	Unit Weight	n/a	---				Y	
180	33.1	14	1410	North	URM	Masonry	Dbl. Flatjack	n/a	n/a				Y	
181	34.1	14	1403	North	URM	Masonry	Dbl. Flatjack	n/a	n/a				Y	
182	35.1	10	1000	South	URM	Masonry	Dbl. Flatjack	n/a	n/a				Y	
183	36.1	10	1030S	South	URM	Masonry	Dbl. Flatjack	n/a	n/a				Y	
184	37.1	8	859	West	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
185	37.2	8	859	West	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a

DATE PRINTED: 7/23/2003

HALL OF JUSTICE INVESTIGATIONS
MATERIALS TEST LOG

Line	Test No.	Level	Room No.	Location	Surface	Material	Test Type	Sample Date	To Lab	Lab Test	Remarks	Status	Photo	Test Result
186	38.1	7	S08	South	URM	Masonry	Dbl. Flatjack	n/a	n/a				Y	
187	39.1	4	S12	South	URM	Masonry	Dbl. Flatjack	n/a	n/a					
188	40.1	5	528	North	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
189	40.2	5	528	North	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
190	41.1	1	150	South	URM	Masonry	Dbl. Flatjack	n/a	n/a				Y	
191	42.1	2	247	East	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
192	42.2	2	247	East	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
193	43.1	2	S03	South	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
194	43.2	2	S03	South	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
195	43.3	2	S03	South	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
196	43.4	2	S03	West	Wall	Concrete	Modulus of Elasticity	n/a	---	rej.	too short to test		Y	
197	43.5	2	S03	West	Wall	Rebar	Tensile Strength	cpt.	7/8		19" vert.		Y	
198	43.6	2	S03	West	Wall	Rebar	Tensile Strength		pend			chip & obtain rebar	Y	
199	43.7	2	S03	South	Wall	Concrete	Unit Weight	n/a	---				Y	
200	44.1	12.5	S03	West	Wall	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
201	44.2	12.5	S03	West	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
202	44.3	12.5	S03	West	Wall	Concrete	Compressive Strength	05/17/03	7/8				Y	
203	44.4	12.5	S03	West	Wall	Concrete	Modulus of Elasticity	n/a	---	rej.	too short to test		Y	
204	44.5	12.5	S03	West	Wall	Rebar	Tensile Strength	cpt.	7/16		vert.		Y	
205	44.6	12.5	S03	West	Wall	Rebar	Tensile Strength	cpt.	7/16		horiz.		Y	
206	44.7	12.5	S03	West	Wall	Concrete	Unit Weight	n/a	---				Y	
207	45.1	3.5	S03	Center	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a		need to chip concr	Y	n/a
208	46.1	3.5	S04	Center	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
209	47.1	7.5	S04	Center	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
210	47.2	7.5	S04	Center	Beam	Struct Steel	Tensile Strength		pend			take coupon	Y	
211	47.3	7.5	S04	Center	Beam	Struct Steel	Chemistry	n/a	---				Y	
212	48.1	12	1113	Southeast	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
213	49.1	12	1120	Northwest	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
214	49.2	12	1120	Northwest	Beam	Struct Steel	Tensile Strength		pend			take coupon	Y	
215	49.3	12	1120	Northwest	Beam	Struct Steel	Chemistry	n/a	---				Y	
216	50.1	14	1328	Northeast	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
217	50.2	14	1328	Northeast	Beam	Struct Steel	Tensile Strength		pend			take coupon	Y	
218	50.3	14	1328	Northeast	Beam	Struct Steel	Chemistry	n/a	---				Y	
219	51.1	14	1319	Southwest	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
220	52.1	8.5	S03	Center	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
221	52.2	8.5	S03	Center	Beam	Struct Steel	Tensile Strength		pend			take coupon	Y	
222	52.3	8.5	S03	Center	Beam	Struct Steel	Chemistry	n/a	---				Y	
223	53.1	10	925	South	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
224	53.2	10	925	South	Beam	Struct Steel	Tensile Strength		pend			take coupon	Y	
225	53.3	10	925	South	Beam	Struct Steel	Chemistry	n/a	---				Y	
226	54.1	10	943	North	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
227	55.1	8	710	Southeast	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a		need to chip concr.		n/a
228	55.2	8	710	Southeast	Beam	Struct Steel	Tensile Strength		pend			take coupon		
229	55.3	8	710	Southeast	Beam	Struct Steel	Chemistry	n/a	---					
230	56.1	8	735	Northwest	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a		need to chip concr.		n/a
231	57.1	1	114	East	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
232	57.2	1	114	East	Floor	Concrete	Compressive Strength	cpt.	X	rej.		core has void	Y	
233	57.3	1	114	East	Floor	Concrete	Compressive Strength	cpt.	X				Y	
234	57.4	1	114	East	Floor	Concrete	Unit Weight	n/a	---				Y	
235	58.1	3	304	South	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
236	58.2	3	304	South	Floor	Concrete	Compressive Strength	cpt.	7/8				Y	
237	58.3	3	304	South	Floor	Concrete	Compressive Strength	cpt.	7/8				Y	
238	59.1	3	344	West	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
239	59.2	3	344	West	Floor	Concrete	Compressive Strength	cpt.	X	rej.		core has void	Y	
240	59.3	3	344	West	Floor	Concrete	Compressive Strength	cpt.	7/8				Y	
241	59.4	3	344	West	Floor	Concrete	Unit Weight	n/a	---				Y	
242	60.1	5	502	Core	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
243	60.2	5	502	Core	Floor	Concrete	Compressive Strength	cpt.	X	rej.	core too short		Y	cancel
244	60.3	5	502	Core	Floor	Concrete	Compressive Strength	cpt.	X	rej.	core too short		Y	cancel
245	60.4	5	502	Core	Floor	Concrete	Unit Weight	n/a	---				Y	
246	60.5	5	502	Core	Floor	Concrete	Compressive Strength	07/15/03	7/16		re-core for 60.2			
247	60.6	5	502	Core	Floor	Concrete	Compressive Strength	07/15/03	7/16	rej.	re-core for 60.3	core has void		

DATE PRINTED: 7/23/2003

HALL OF JUSTICE INVESTIGATIONS
MATERIALS TEST LOG

Line	Test No.	Level	Room No.	Location	Surface	Material	Test Type	Sample Date	To Lab	Lab Test	Remarks	Status	Photo	Test Result
248	61.1	7	715	South	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
249	61.2	7	715	South	Floor	Concrete	Compressive Strength	cpt.	X	rej.	core too short		Y	cancel
250	61.3	7	715	South	Floor	Concrete	Compressive Strength	cpt.	X	rej.	core too short		Y	cancel
251	61.4	7	715	South	Floor	Concrete	Unit Weight	n/a	---				Y	
252	61.5	7	715	South	Floor	Concrete	Compressive Strength	07/15/03	7/16	rej.	re-core for 61.2	core has void		
253	61.6	7	715	South	Floor	Concrete	Compressive Strength	07/15/03	7/16	rej.	re-core for 61.3	core has void		
254	62.1	9	949	East	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
255	62.2	9	949	East	Floor	Concrete	Compressive Strength	cpt.	X		No Top		Y	
256	62.3	9	949	East	Floor	Concrete	Compressive Strength	cpt.	X				Y	
257	62.4	9	949	East	Floor	Concrete	Unit Weight	n/a	---				Y	
258	63.1	2	271	East	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)			n/a
259	63.2	2	271	East	Floor	Concrete	Core Observation	n/a	n/a	n/a	Core thru crack			n/a
260	64.1	7	708	East	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
261	64.2	7	708	East	Floor	Concrete	Core Observation	n/a	n/a	n/a	Core thru crack		Y	n/a
262	65.1	9	945	North	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
263	65.2	9	945	North	Floor	Concrete	Core Observation	n/a	n/a	n/a	Core thru crack		Y	n/a
264	66.1	1	156	East	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
265	67.1	2	211	Southeast	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
266	68.1	3	328	South	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
267	69.1	4	443	Southwest	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
268	70.1	5	542	West	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
269	71.1	5	559	East	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
270	72.1	6	663	Northwest	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
271	73.1	7	735	Northwest	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
272	74.1	8	855	Northeast	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
273	75.1	9	909	East	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
274	76.1	10	1014	South	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
275	77.1	12	1217	West	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
276	78.1	14	1439	North	Slab @ perim	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
277	79.1	6	542	West	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a		nd soft demo & chipping		n/a
278	79.2	6	542	West	Beam	Struct Steel	Tensile Strength		pend			take coupon		
279	79.3	6	542	West	Beam	Struct Steel	Chemistry	n/a	---					
280	80.1	6	538	South	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
281	81.1	4	353	North	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
282	81.2	4	353	North	Beam	Struct Steel	Tensile Strength		pend			take coupon	Y	
283	81.3	4	353	North	Beam	Struct Steel	Chemistry	n/a	---				Y	
284	82.1	4	TBD	TBD	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a		nd soft demo & chipping		n/a
285	83.1	2	104	Core	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a			Y	n/a
286	83.2	2	104	Core	Beam	Struct Steel	Tensile Strength		pend			take coupon	Y	
287	83.3	2	104	Core	Beam	Struct Steel	Chemistry	n/a	---				Y	
288	84.1	2	TBD	TBD	Beam	Struct Steel	Dims & Configuration	n/a	n/a	n/a		nd soft demo & chipping		n/a
289	85.1	12	1253	Center	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
290	85.2	12	1253	Center	Floor	Concrete	Core Observation	06/17/03	n/a	n/a	Core in a cell		Y	n/a
291	86.1	9	928	Northeast	Floor	Concr. Reinf.	Dims & Configuration	n/a	n/a	n/a	NDI (radar)		Y	n/a
292	86.2	9	928	Northeast	Floor	Concrete	Core Observation	06/17/03	n/a	n/a	Core thru crack		Y	n/a
293	87.1	10	1031	Northeast	Column	Struct Steel	Dims & Configuration	n/a	n/a	n/a	Primary & splice		Y	n/a
294	88.1	10	1011	East	Column	Struct Steel	Dims & Configuration	n/a	n/a	n/a	Primary conn.		Y	n/a
295	89.1	11	1117	SW	Column	Struct Steel	Dims & Configuration	n/a	n/a	n/a	Primary conn.		Y	n/a
296	90.1	11	1117	South	Column	Struct Steel	Dims & Configuration	n/a	n/a	n/a	Splice			n/a
297	91.1	13	1321	West	Column	Struct Steel	Dims & Configuration	n/a	n/a	n/a	Primary conn.		Y	n/a
298	92.1	6	615	West	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
299	92.2	6	615	West	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
300	93.1	13	1305	North	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a
301	93.2	13	1305	North	URM	Masonry	URM Shear	n/a	n/a	n/a				n/a

DATE PRINTED: 7/23/2003