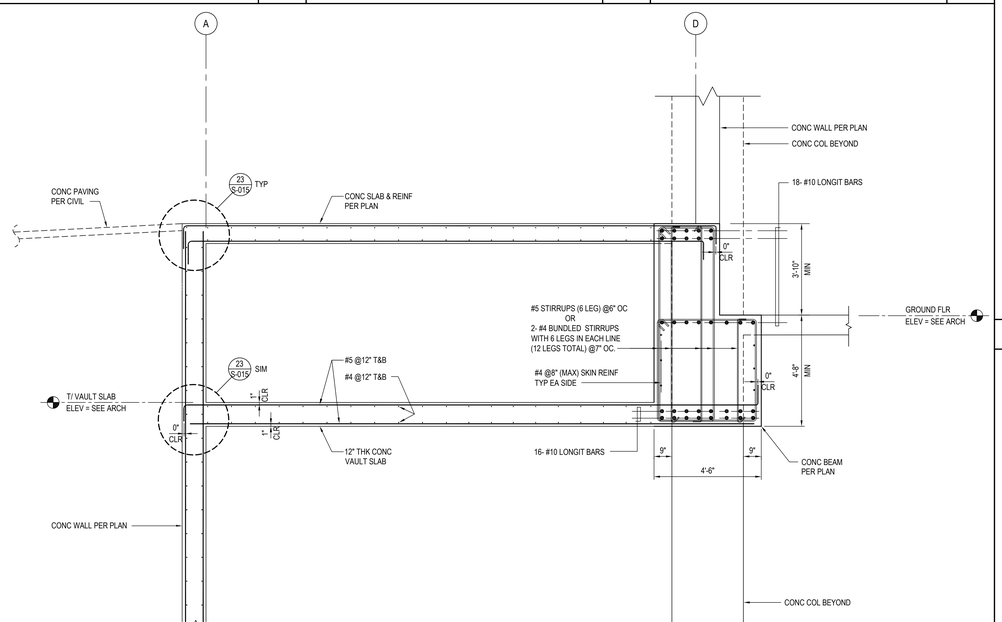
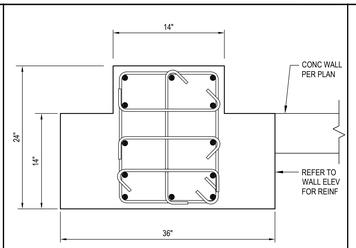
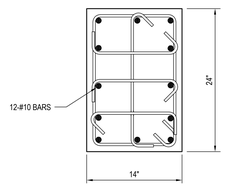


1/2"=1'-0"

SECTION AT VAULT | 7



SECTION (B)
FROM GROUND TO 2ND FLOOR

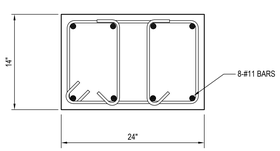


SECTION (A)
FROM P4 TO GROUND FLOOR

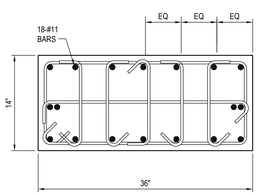
NOTES:
1. NUMBER AND LAYOUT OF TIES AS SHOWN. SEE COLUMN ELEVATION (1/-) FOR SIZE AND SPACING OF TIES.
2. f'c = 8 ksi
3. fy = 60 ksi

NTS

TYPICAL SECTION FOR COLUMN @ PF/P19 AND PF/P16 | 5



SECTION (B)
FROM GROUND TO 2ND FLOOR

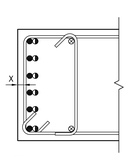


SECTION (A)
FROM P4 TO GROUND FLOOR

NOTES:
1. NUMBER AND LAYOUT OF TIES AS SHOWN. SEE COLUMN ELEVATION (1/-) FOR SIZE AND SPACING OF TIES.
2. f'c = 8 ksi
3. fy = 60 ksi

NTS

TYPICAL SECTION FOR COLUMN @ P7/HB, P8/HB, P11/HB AND P13/HB | 4

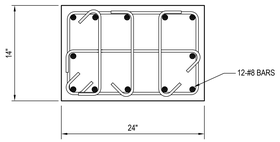


X = ZONE - 1 : 2 1/8" COVER TO VERT BAR
ZONE - 2 : 2 1/8" MIN, 3" MAX COVER TO VERT BAR SEE MECHANICAL SPLICE NOTE 2

NOTE:
REFER TO COLUMN ELEVATION (1/-) FOR LOCATION OF ZONE-1 AND ZONE-2.

NTS

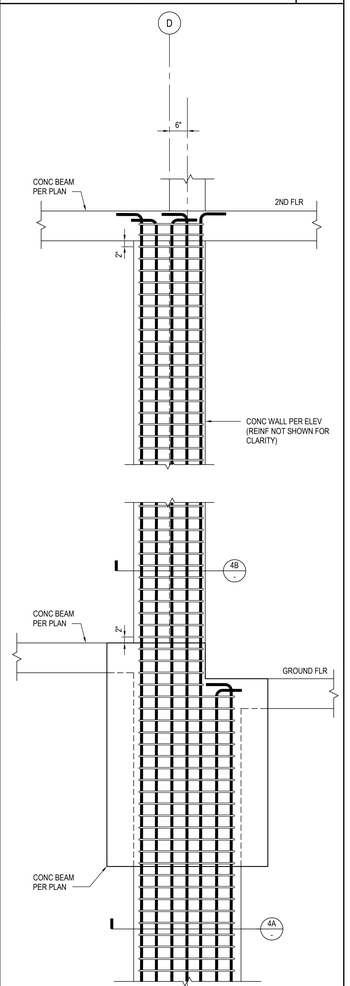
TYPICAL COVER REQUIREMENTS FOR VERTICAL BARS | 6



NOTES:
1. NUMBER AND LAYOUT OF TIES AS SHOWN. SEE COLUMN ELEVATION (1/-) FOR SIZE AND SPACING OF TIES.
2. f'c = 6 ksi
3. fy = 60 ksi

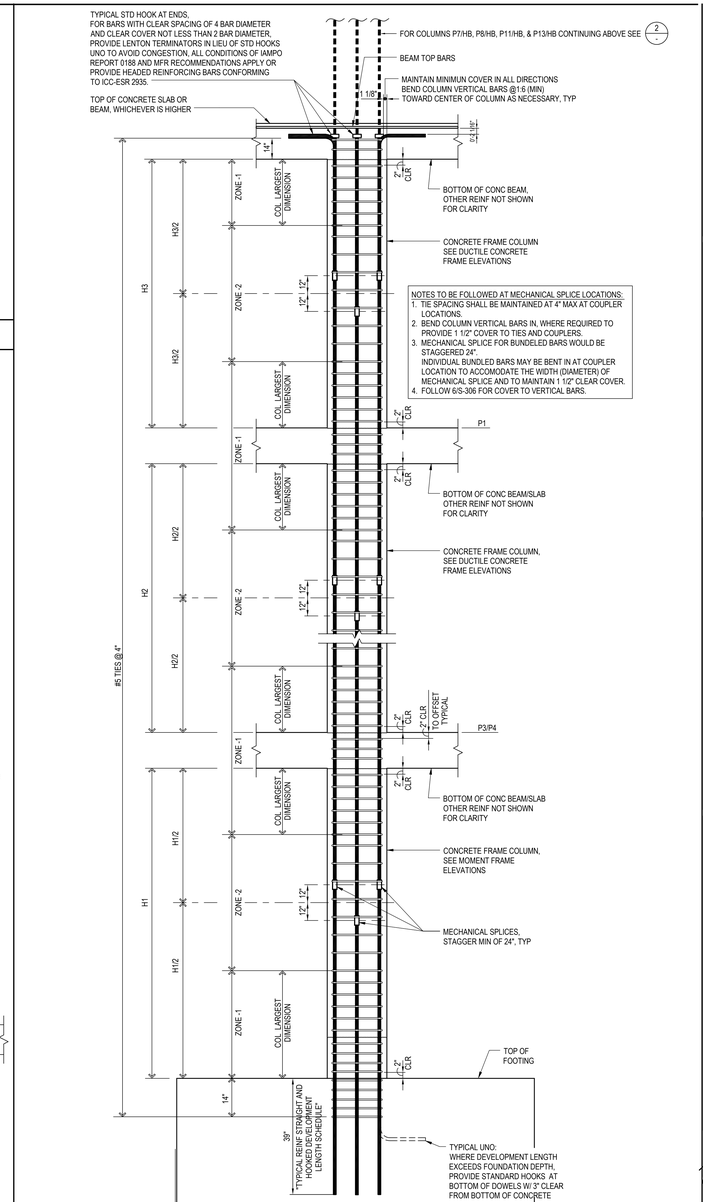
NTS

TYPICAL SECTION FOR COLUMN @ P5/HB, P16/HB AND P19/HB | 3



3/4"=1'-0"

SECTION | 2



NOTES TO BE FOLLOWED AT MECHANICAL SPLICE LOCATIONS:
1. TIE SPACING SHALL BE MAINTAINED AT 4" MAX AT COUPLER LOCATIONS.
2. BEND COLUMN VERTICAL BARS IN, WHERE REQUIRED TO PROVIDE 1 1/2" COVER TO TIES AND COUPLERS.
3. MECHANICAL SPLICE FOR BUNDELED BARS WOULD BE STAGGERED 24". INDIVIDUAL BUNDLED BARS MAY BE BENT IN AT COUPLER LOCATION TO ACCOMODATE THE WIDTH (DIAMETER) OF MECHANICAL SPLICE AND TO MAINTAIN 1 1/2" CLEAR COVER.
4. FOLLOW 6/S-306 FOR COVER TO VERTICAL BARS.

NOTES:
1. MECHANICAL SPLICES SHALL BE STAGGERED A MINIMUM OF 24".
2. MECHANICAL SPLICES SHALL BE TYPE 2 AND SHALL HAVE A CURRENT ICC-ES REPORT. ALL CONDITIONS OF THE ICC-ES REPORT AND MANUFACTURER'S RECOMMENDATIONS SHALL APPLY.
3. DUCTILE CONCRETE BEAM REINFORCEMENT NOT SHOWN FOR CLARITY.
4. LAP SPLICE MAY BE PROVIDED IN LIEU OF MECHANICAL SPLICE WHERE As < 6% OF CONCRETE CROSS-SECTIONAL AREA, AT SPLICE.
5. COLUMNS ARE CENTERED ON GRID LINES UNLESS OFFSET SHOWN ON STRUCTURAL PLAN/ELEVATION.
6. MECHANICAL SPLICE MAY BE ELIMINATED IF CONTINUOUS BAR IS USED.

NTS

TYPICAL FOR COLUMNS SUPPORTING SHEAR WALL ABOVE | 1

howard laks architects
1545 twelfth street
santa monica, ca 90401
voice 310-393-4405
fax 310-393-2230

CONSULTANTS
saiful bouquet structural engineers
338 S. Lake Avenue
Suite 104 Pasadena, CA 91101
Telephone 626.304.3434
Facsimile 626.304.3424
SB Job No: 13062

ISSUED	DESCRIPTION
05/07/2015	Addendum 02
08/04/2015	Addendum 03
10/30/2015	Addendum 04
05/27/2016	Addendum 05

710 WILSHIRE BOULEVARD
MIXED-USE HOTEL PROJECT
SANTA MONICA - CALIFORNIA 90401

TYPICAL CONCRETE DETAIL REINFORCING

REGISTERED PROFESSIONAL ENGINEER
Saiful Bouquet
No. C 45551
EXP. 09/30/16
STRUCTURAL
STATE OF CALIFORNIA

DRAWN: --
CHECKED: ED
APPROVED: MD
SCALE: NTS
SHEET: S-306
DATE: June 25, 2013
PROJECT NUMBER: HLA 0000000--00000