



STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS & TESTING

- 1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER... 2. THE NAME AND CREDENTIALS OF THE SPECIAL INSPECTOR TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL... 3. DATES OF THE SPECIAL INSPECTION... 4. DUES AND RESPONSIBILITIES OF THE CONTRACTOR...

WIND-RESISTING COMPONENTS (7703.1.1.3)

- PERIODIC SPECIAL INSPECTION IS REQUIRED FOR FASTENING OF THE FOLLOWING SYSTEMS AND COMPONENTS: 1. ROOF COVERING, ROOF DECK AND ROOF FRAMING CONNECTIONS. 2. EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING.

REQUIRED VERIFICATION AND INSPECTION OF GRADING AND DRAINAGE FOR FOUNDATIONS ON EXPANSIVE SOILS. Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED.

REQUIRED VERIFICATION AND INSPECTION OF SOILS (TABLE 7703.4). Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED.

REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION (7703.5). Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED.

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL CONSTRUCTION (7703.2.1). Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED.

STRUCTURAL STEEL - WELDS. Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Includes sections for WELDING PROCEDURE SPECIFICATION, MANUFACTURER CERTIFICATIONS, MATERIAL IDENTIFICATION, WELDER IDENTIFICATION SYSTEM, FIT-UP GROOVE WELDS, CONFIGURATION AND FINISH OF ACCESS HOLES, FIT-UP FILLET WELDS, CHECK WELDING EQUIPMENT, INSPECTION TASKS DURING WELDING, USE OF QUALIFIED WELDERS, CONTROL AND HANDLING OF WELDING CONSUMABLES, NO WELDING OVER CRACKED TACK WELDS, ENVIRONMENTAL CONDITIONS, WPS FOLLOWED, WELDS CLEANED, SIZE, LENGTH AND LOCATION OF WELDS, WELDS MEET VISUAL ACCEPTANCE CRITERIA, AND STRIKES.

NON-DESTRUCTIVE TESTING OF WELDED JOINTS. Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Includes sections for FILLET WELDS, PARTIAL JOINT PENETRATION (PJP) WELDS INCLUDING FLARE BEVEL WELDS, and COMPLETE JOINT PENETRATION (CJP) WELDS.

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (TURN-OF-NUT). Table with columns: BOLT LENGTH, DISPOSITION OF OUTER FACES OF BOLTED PARTS, and TURN-OF-NUT PRETENSIONING.

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING. Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED.

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS DURING BOLTING. Table with columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED.

RENOVATION Wranglers ARCHITECTURE. Architect of Record: LKB Architecture. 2929 Allen Pkwy Suite 200 Houston, TX 77019

DUDDLEY. Structural: Dudley 6102 Imperial Loop Drive College Station, TX 77845 (979) 777-0720

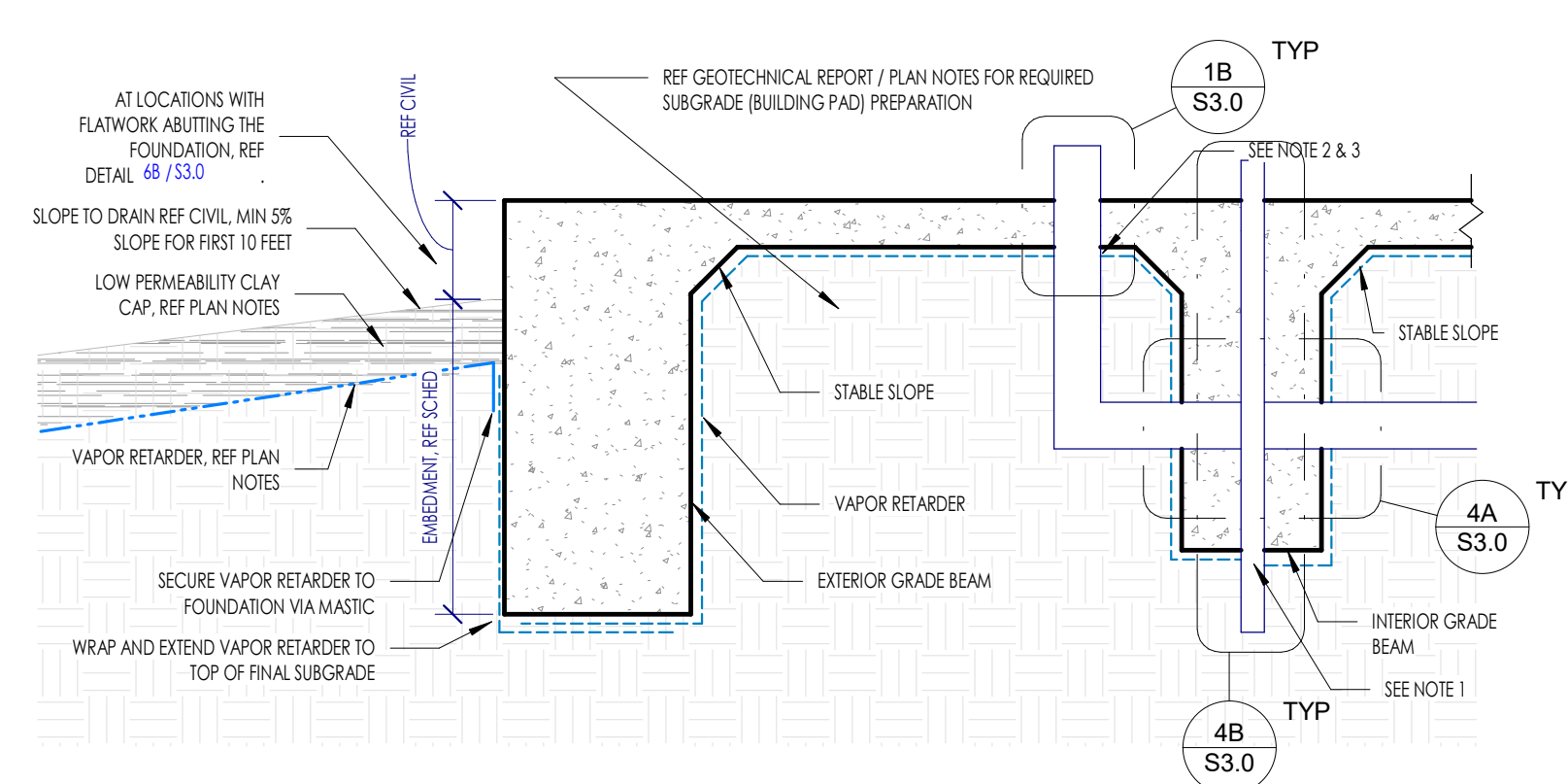
amc ENGINEERS. MEP: AMC Engineers 508 E Jackson St # 552 Burnet, TX 78611 info@amcengineers.com

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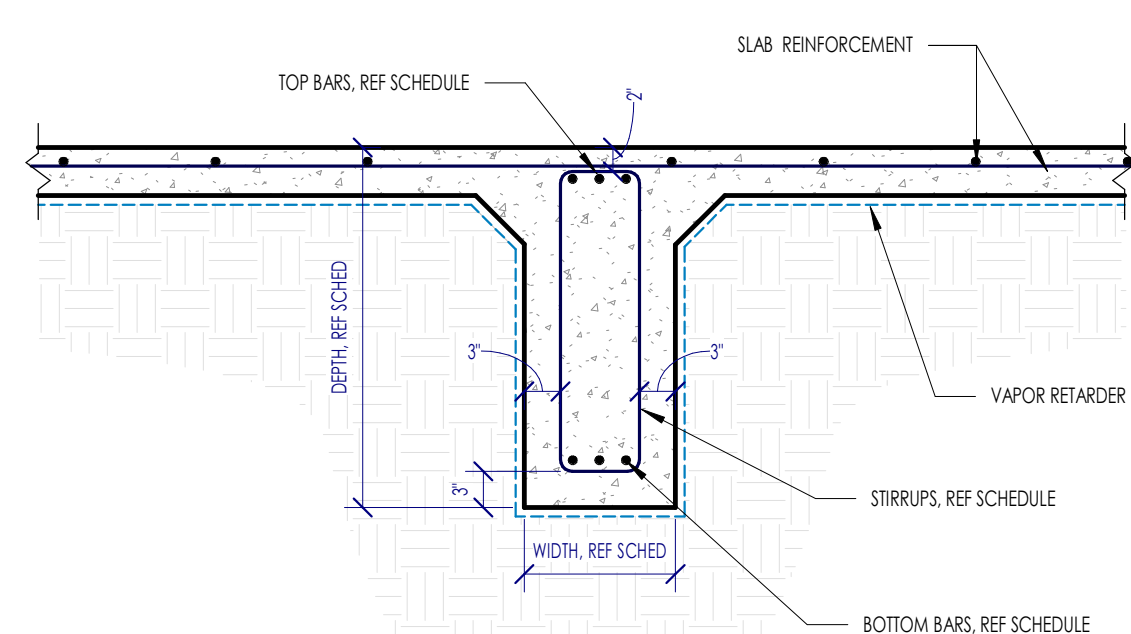
Table with columns: Date, Description. A grid for recording inspection dates and descriptions.

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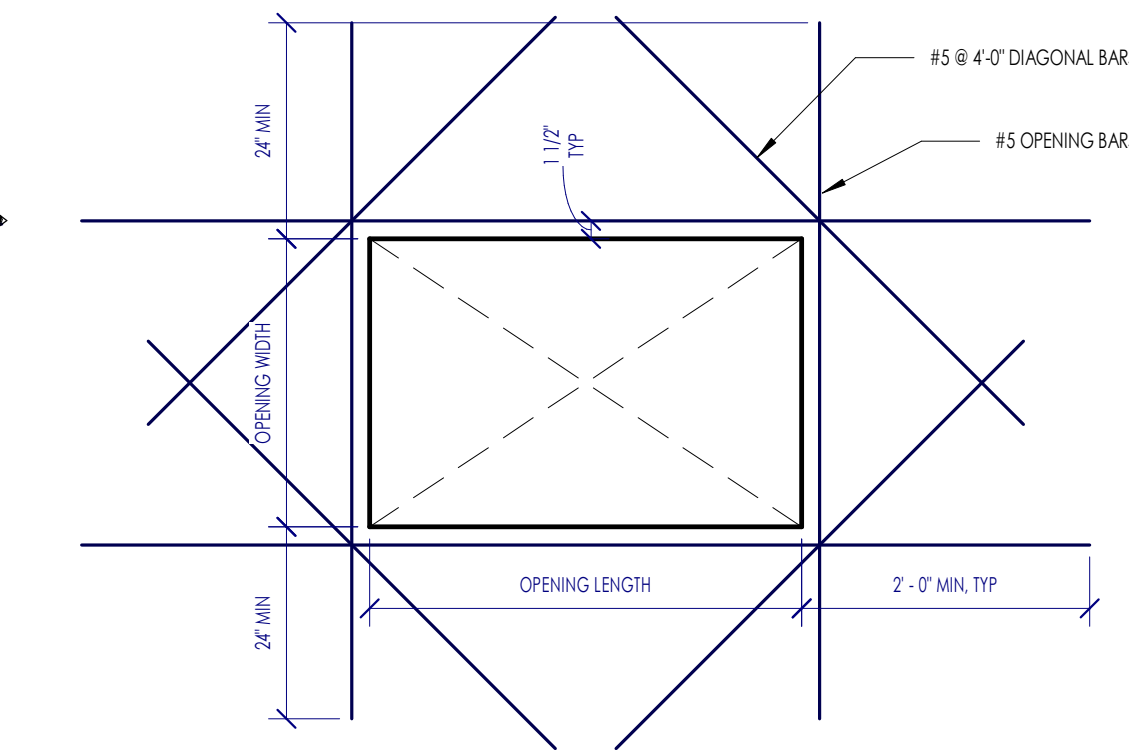


NOTES:  
1. CUT AND/OR LAP THE VAPOR RETARDER AT THE BOTTOM OF EXTERIOR GRADE BEAMS. THE VAPOR RETARDER SHALL BE SECURED TO THE SIDES OF THE GRADE BEAM. IF LAPS ARE REQUIRED ON TOP OF THE SLAB, THEY MUST BE SEALED PER MFR RECOMMENDATIONS.  
2. ALL PIPE, DUCTING, REAR, WIRE PENETRATIONS AND BLOCK OUTS SHOULD BE SEALED USING AFR RECOMMENDED WRAP, TAPE AND/OR MASTIC.  
3. IN THE EVENT THAT THE VAPOR RETARDER IS DAMAGED DURING OR AFTER INSTALLATION, REPAIRS MUST BE MADE. FOR SLEEVES, CUT A PIECE OF VAPOR RETARDER TO A SIZE AND SHAPE THAT COVERS ANY DAMAGE BY A MINIMUM OVERLAP OF 6" IN ALL DIRECTIONS. CLEAN ALL ADHESION AREAS OF DUST, OIL, MOISTURE, AND FROST. TAPE DOWN ALL EDGES USING AFR RECOMMENDED TAPE.

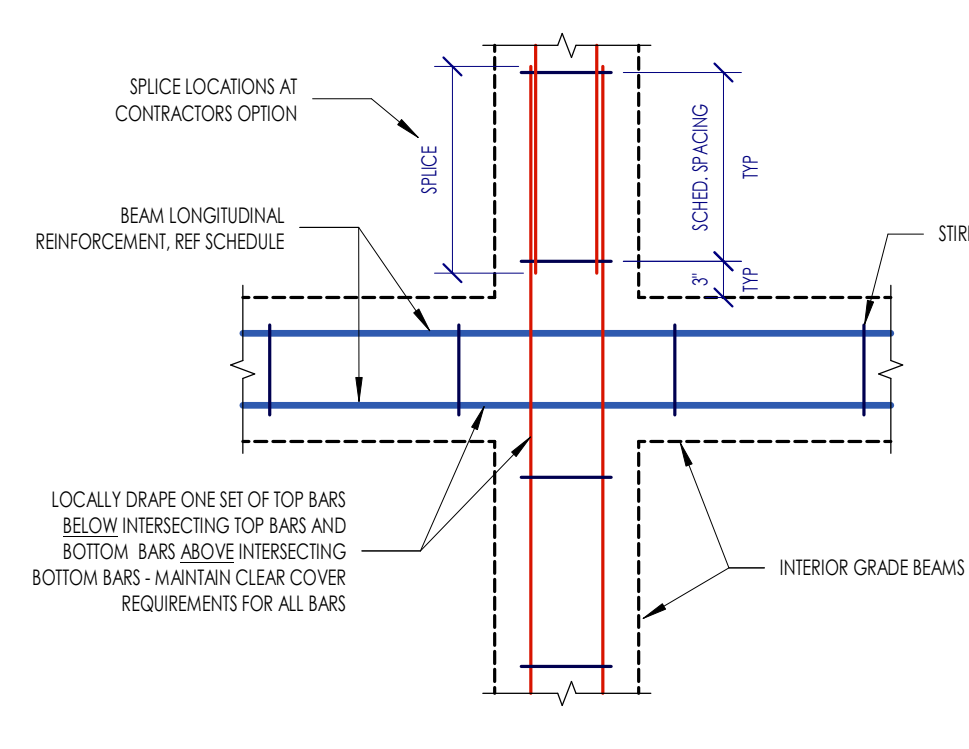
1B TYPICAL SUBGRADE AND VAPOR RETARDER PREPARATION  
NOT TO SCALE



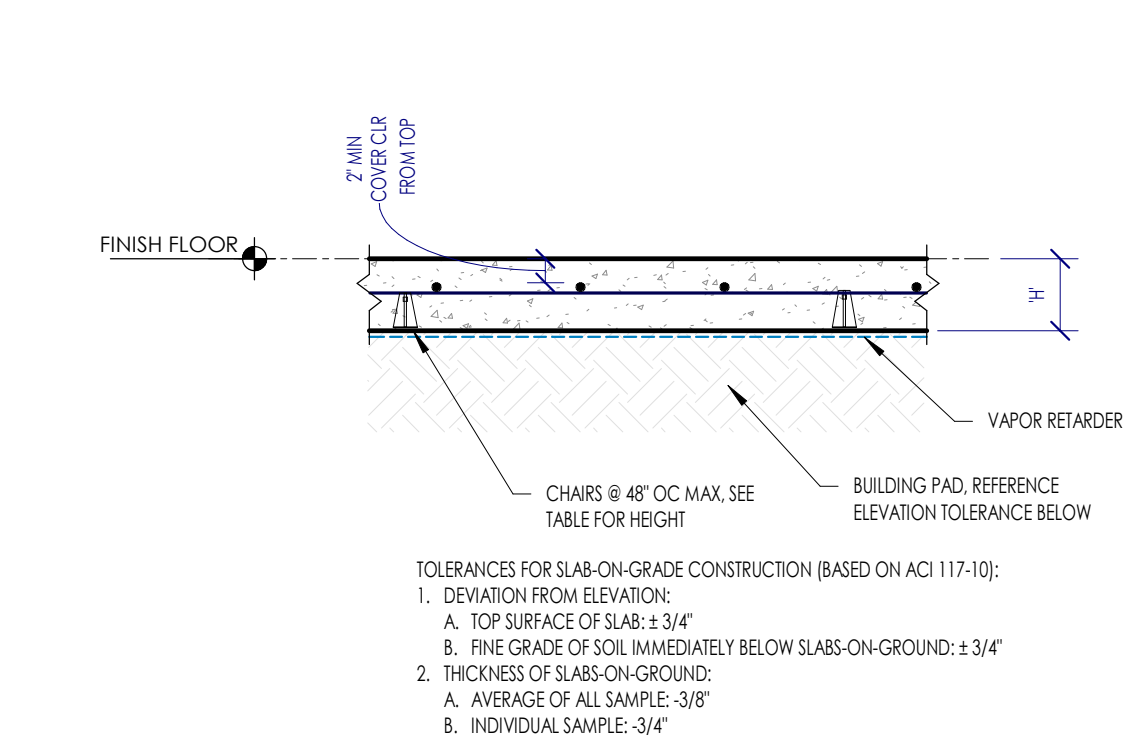
2D TYPICAL INTERIOR GRADE BEAM  
NOT TO SCALE



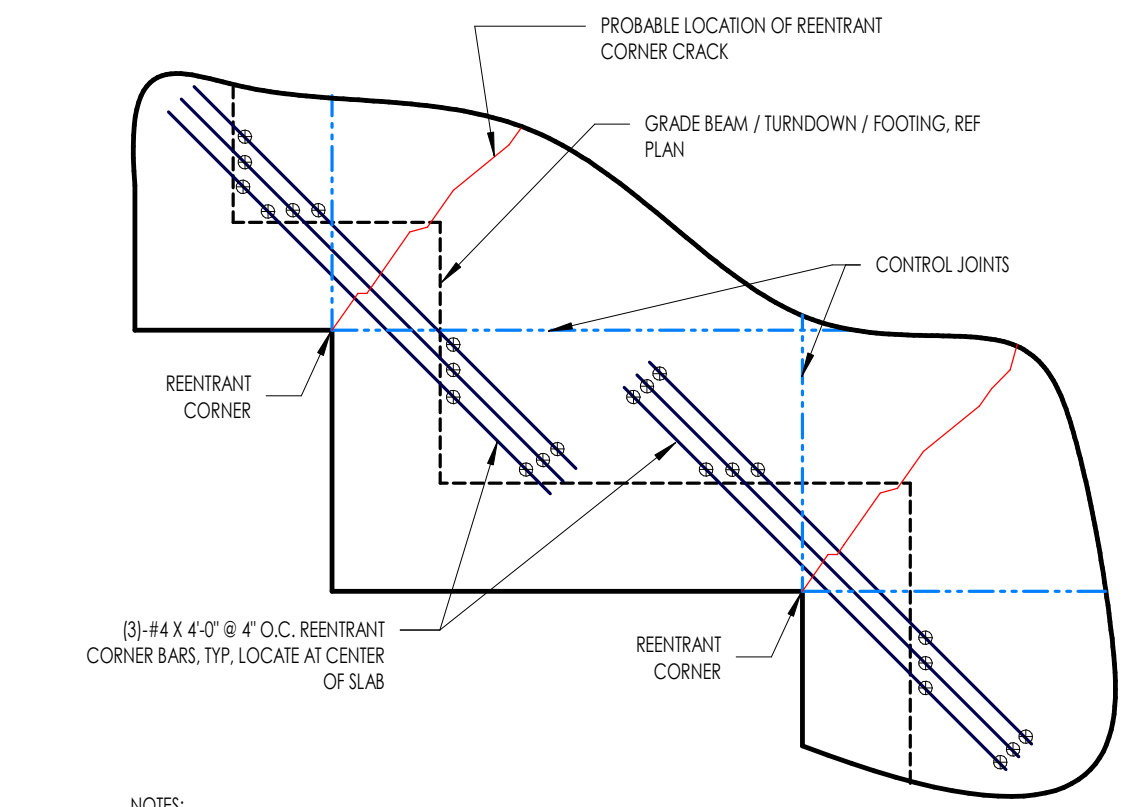
1D TYPICAL REINFORCEMENT AT SLAB BLOCKOUT  
NOT TO SCALE



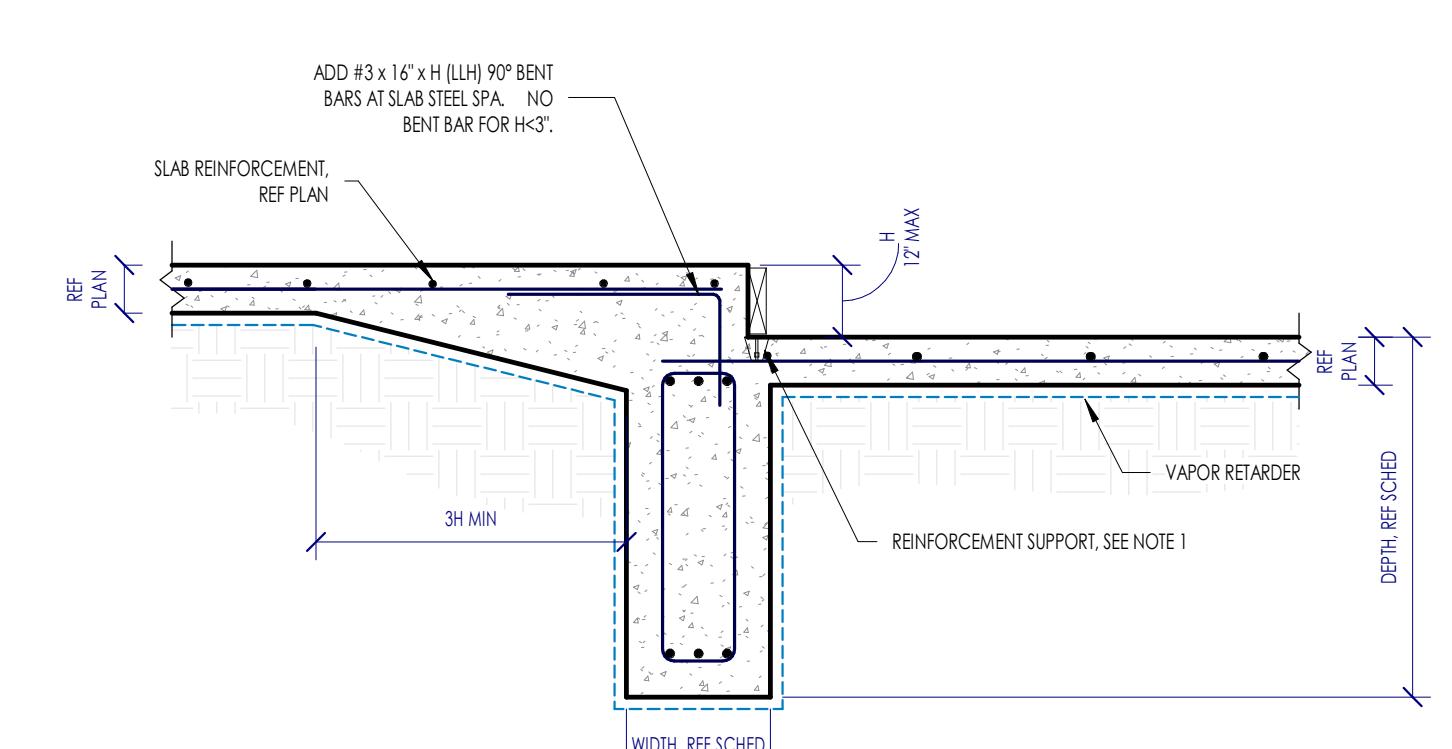
6C TYPICAL INTERIOR BEAM INTERSECTION  
NOT TO SCALE



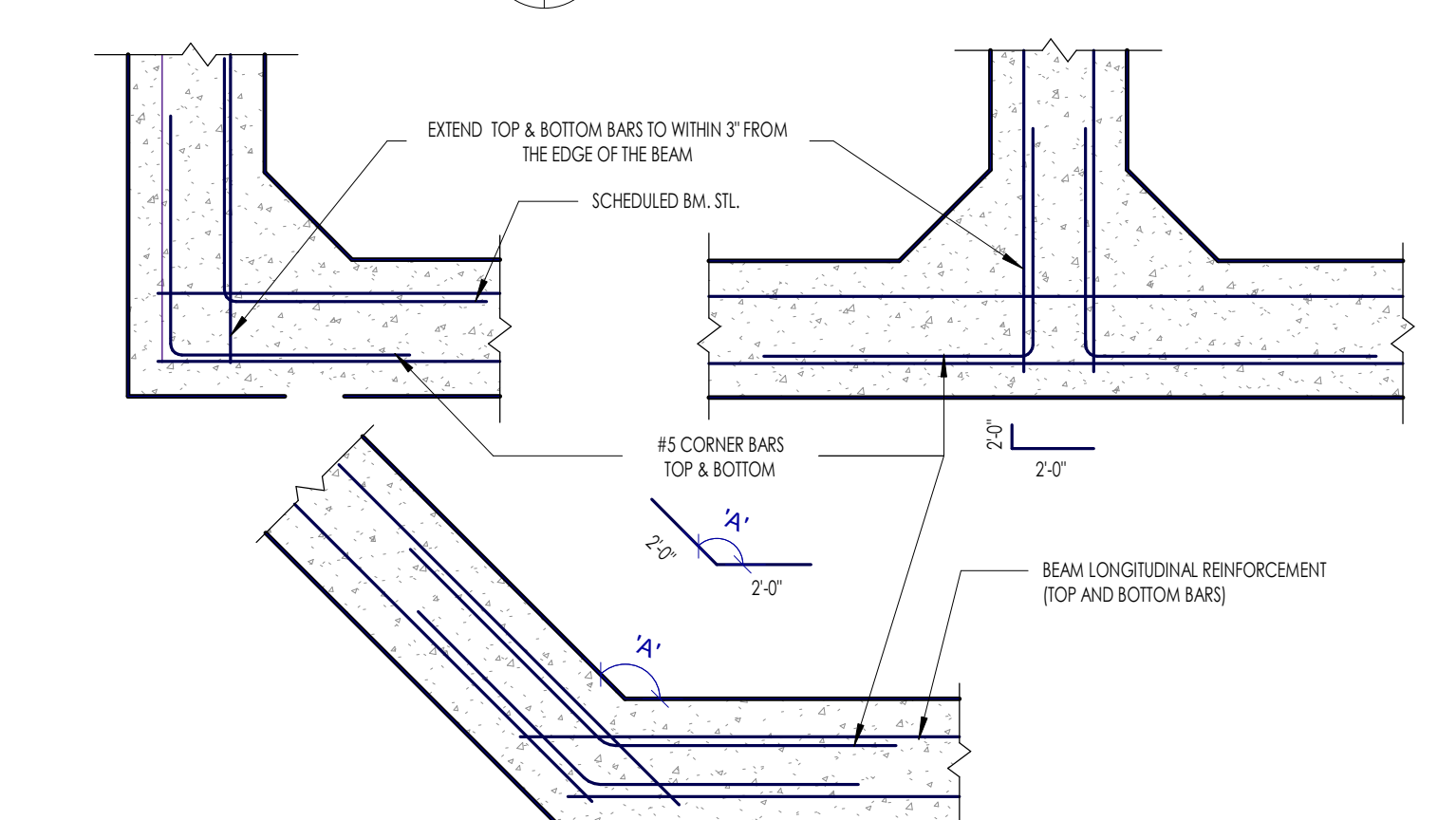
5C TYPICAL SLAB-ON-GRADE SECTION  
NOT TO SCALE



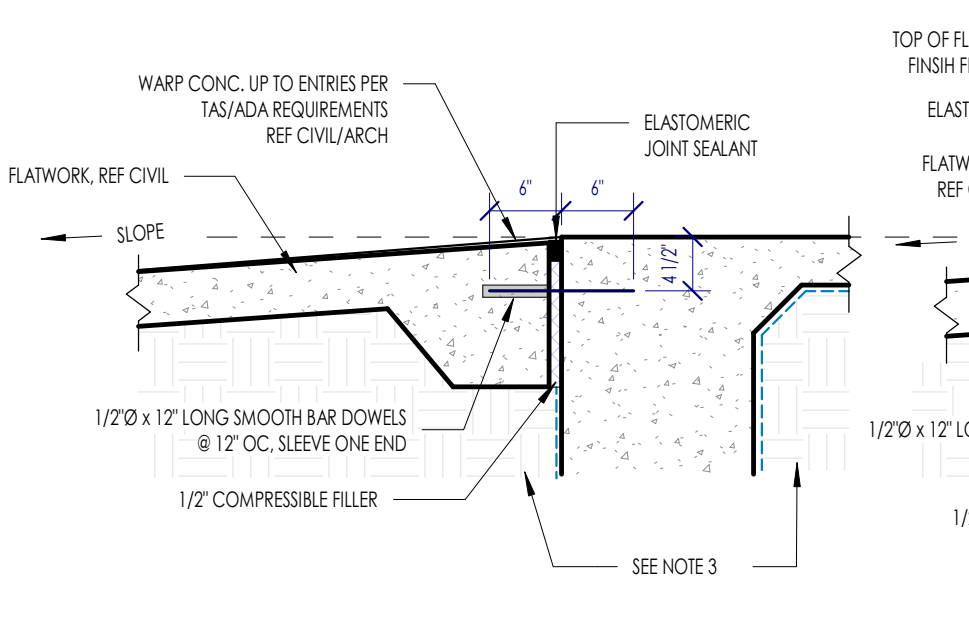
4C TYPICAL REENRANT CORNER BARS  
NOT TO SCALE



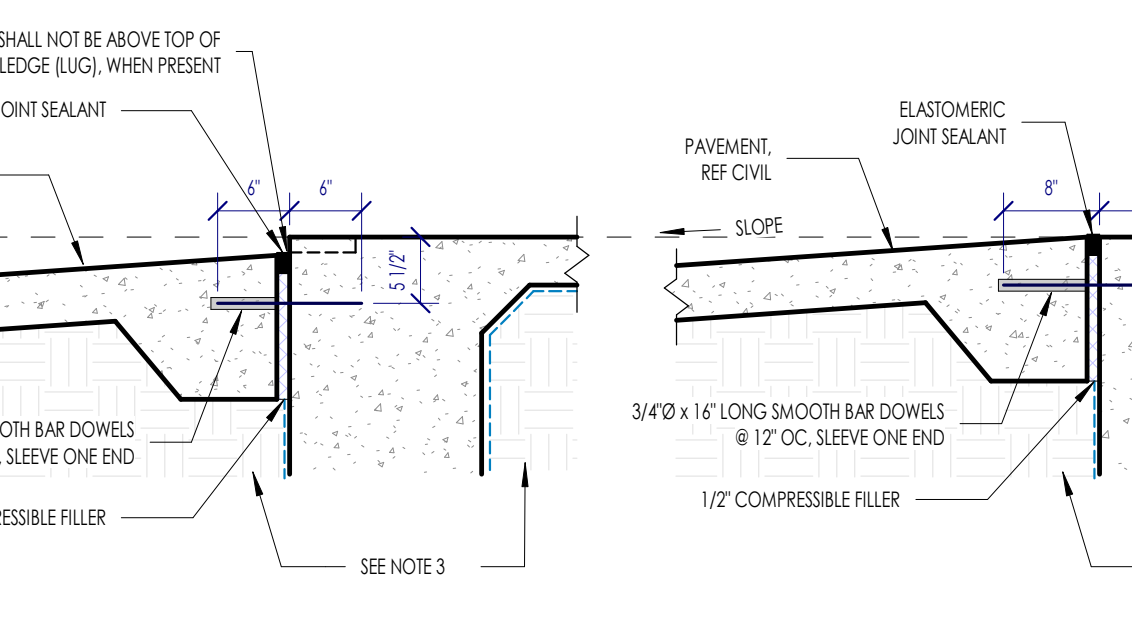
3C TYPICAL SLAB DROP AT GRADE BEAM  
NOT TO SCALE



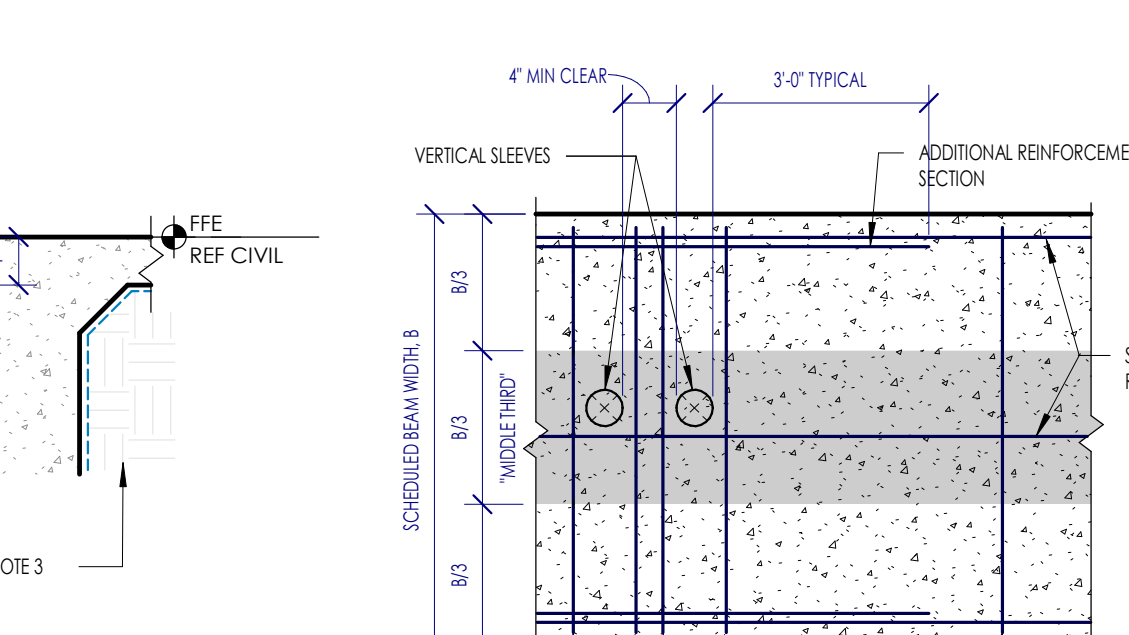
1C TYPICAL CORNER BARS  
NOT TO SCALE



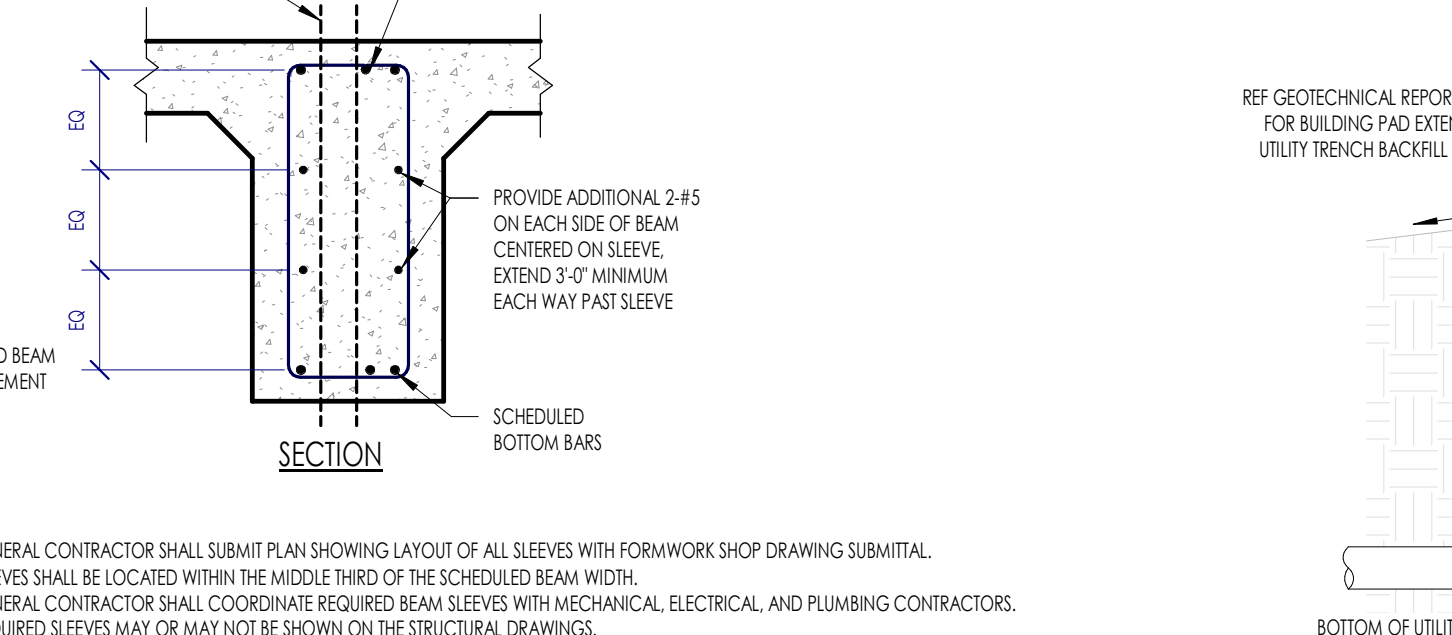
B FLATWORK AT ENTRY DOOR



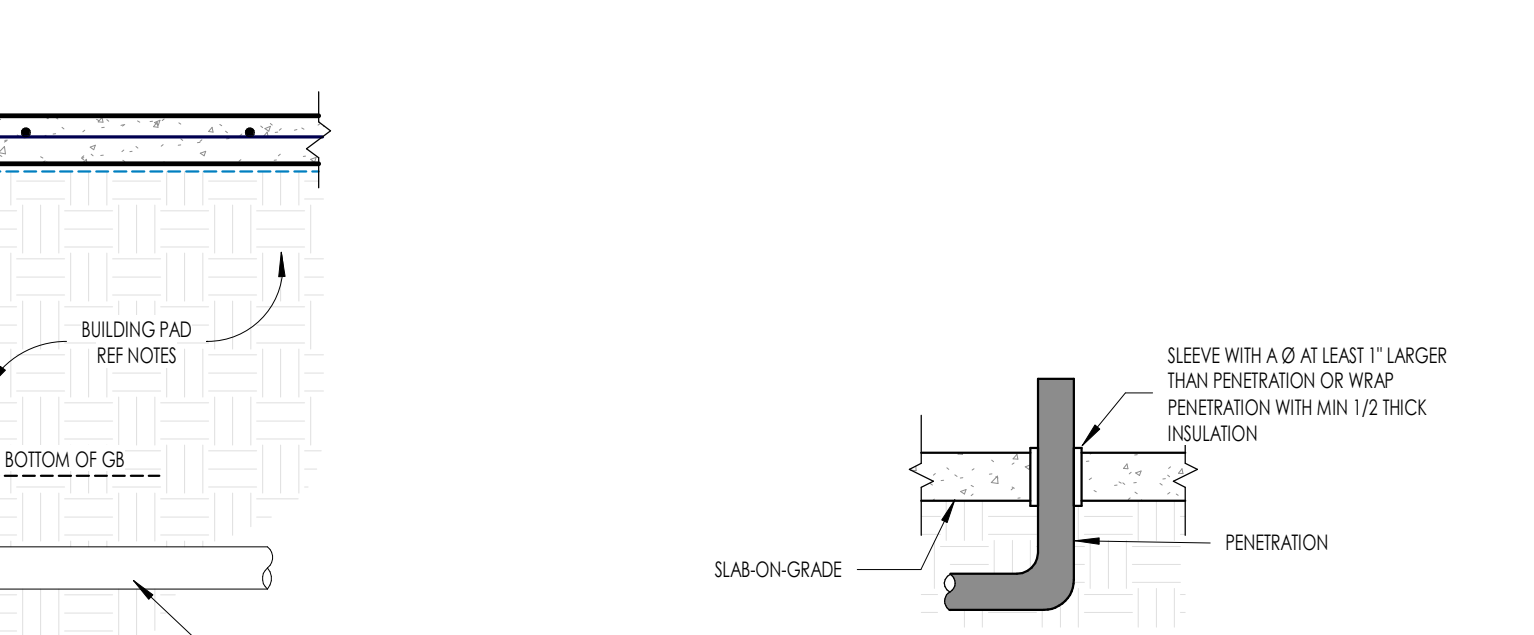
B FLATWORK NOT AT ENTRY DOOR



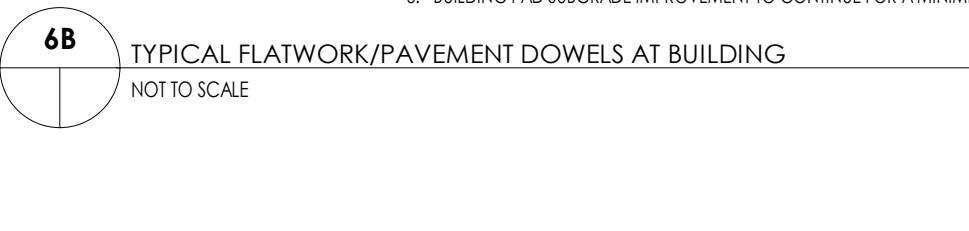
4B TYPICAL VERTICAL PENETRATION IN GRADE BEAM  
NOT TO SCALE



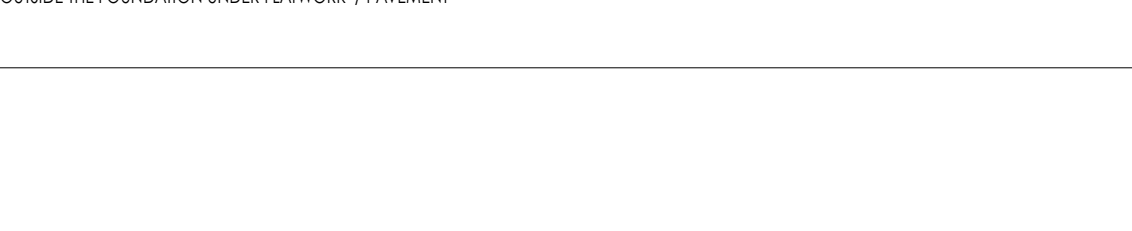
2B TYPICAL UTILITY TRENCH UNDER BUILDING PAD BENTONITE PLUG AT EXTERIOR BEAM.  
NOT TO SCALE



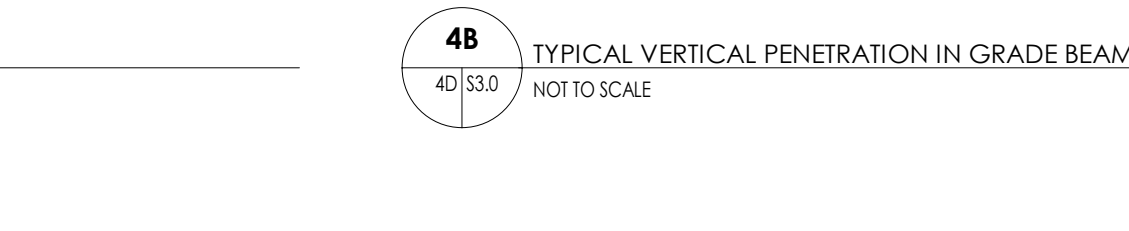
1B VERTICAL PENETRATION THROUGH SLAB-ON-GRADE  
NOT TO SCALE



6B TYPICAL FLATWORK/PAVEMENT DOWELS AT BUILDING  
NOT TO SCALE



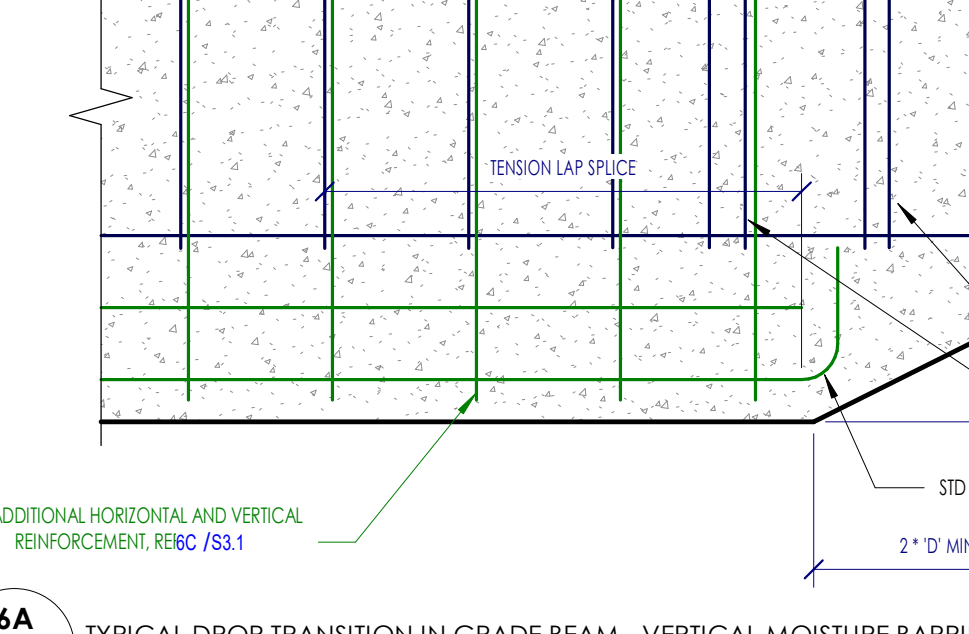
4A TYPICAL HORIZONTAL PENETRATION IN BEAM  
NOT TO SCALE



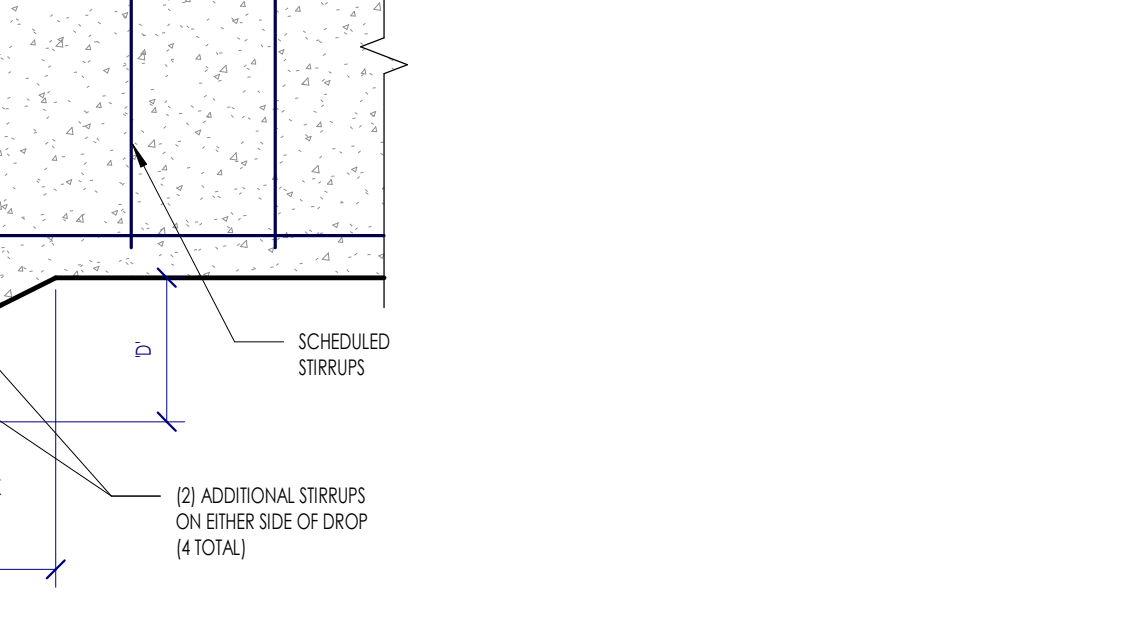
2A TYPICAL DOUBLE WIDE INTERIOR GRADE BEAM  
NOT TO SCALE



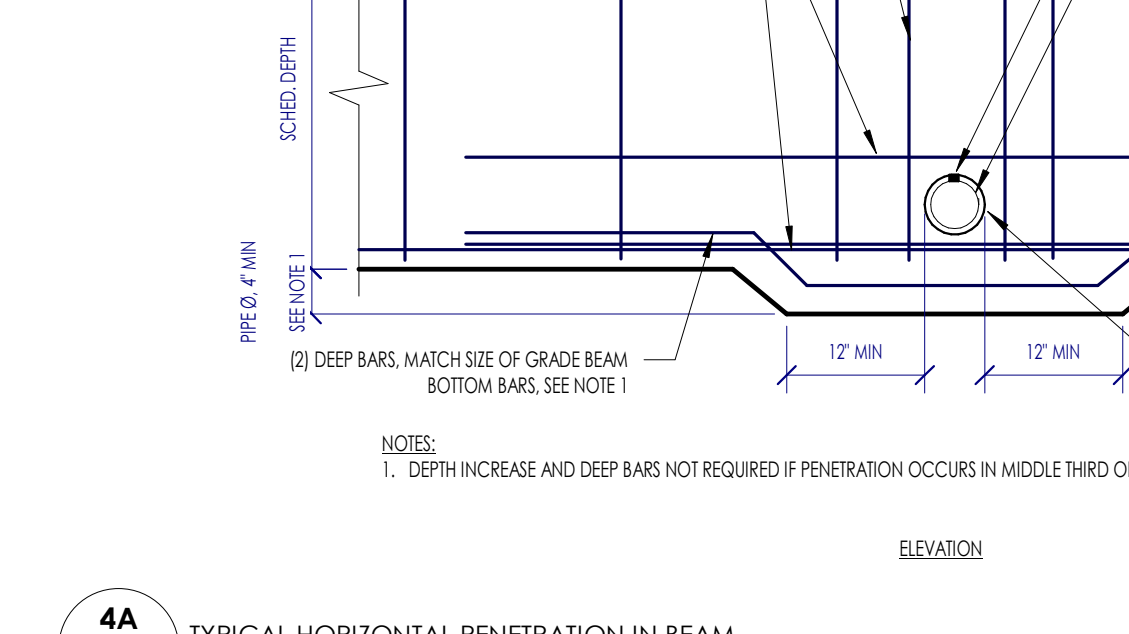
1A TYPICAL CONDUITS EMBEDDED IN SLAB-ON-GRADE  
NOT TO SCALE



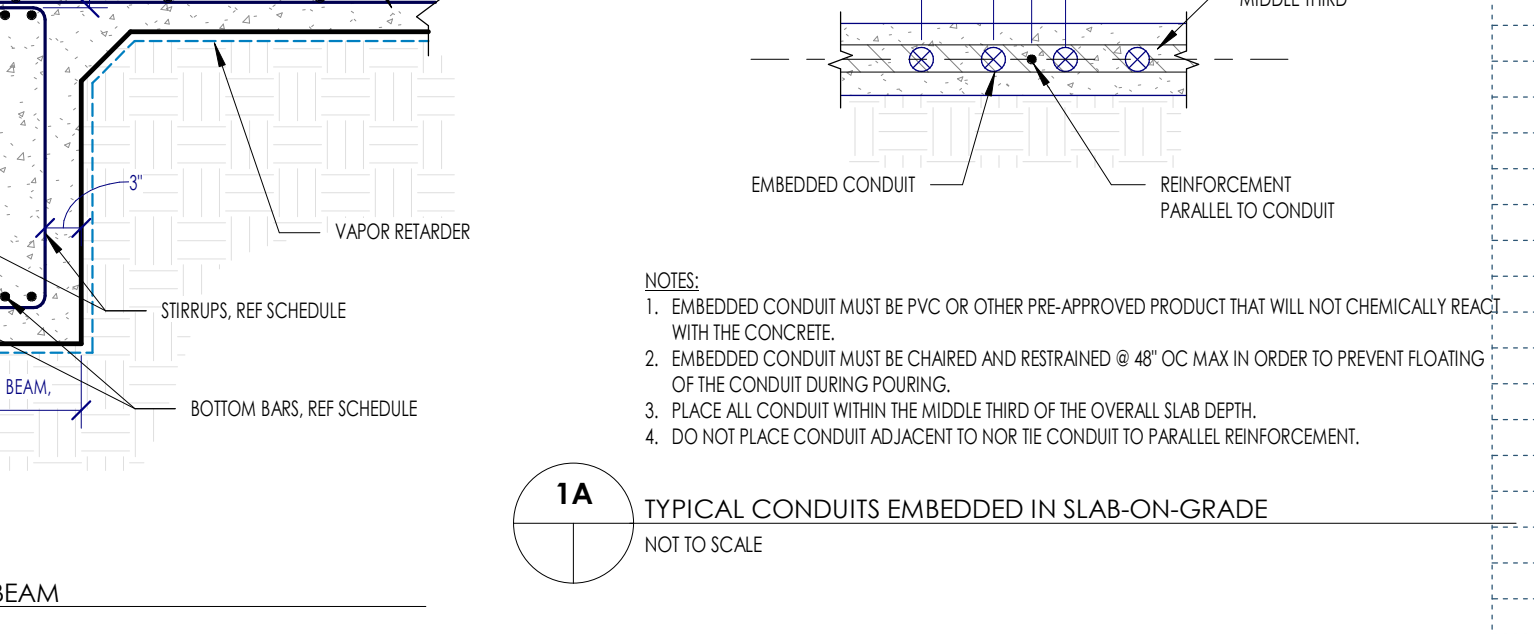
6A TYPICAL DROP TRANSITION IN GRADE BEAM - VERTICAL MOISTURE BARRIER  
NOT TO SCALE



4A TYPICAL HORIZONTAL PENETRATION IN BEAM  
NOT TO SCALE



4A TYPICAL HORIZONTAL PENETRATION IN BEAM  
NOT TO SCALE



1A TYPICAL CONDUITS EMBEDDED IN SLAB-ON-GRADE  
NOT TO SCALE

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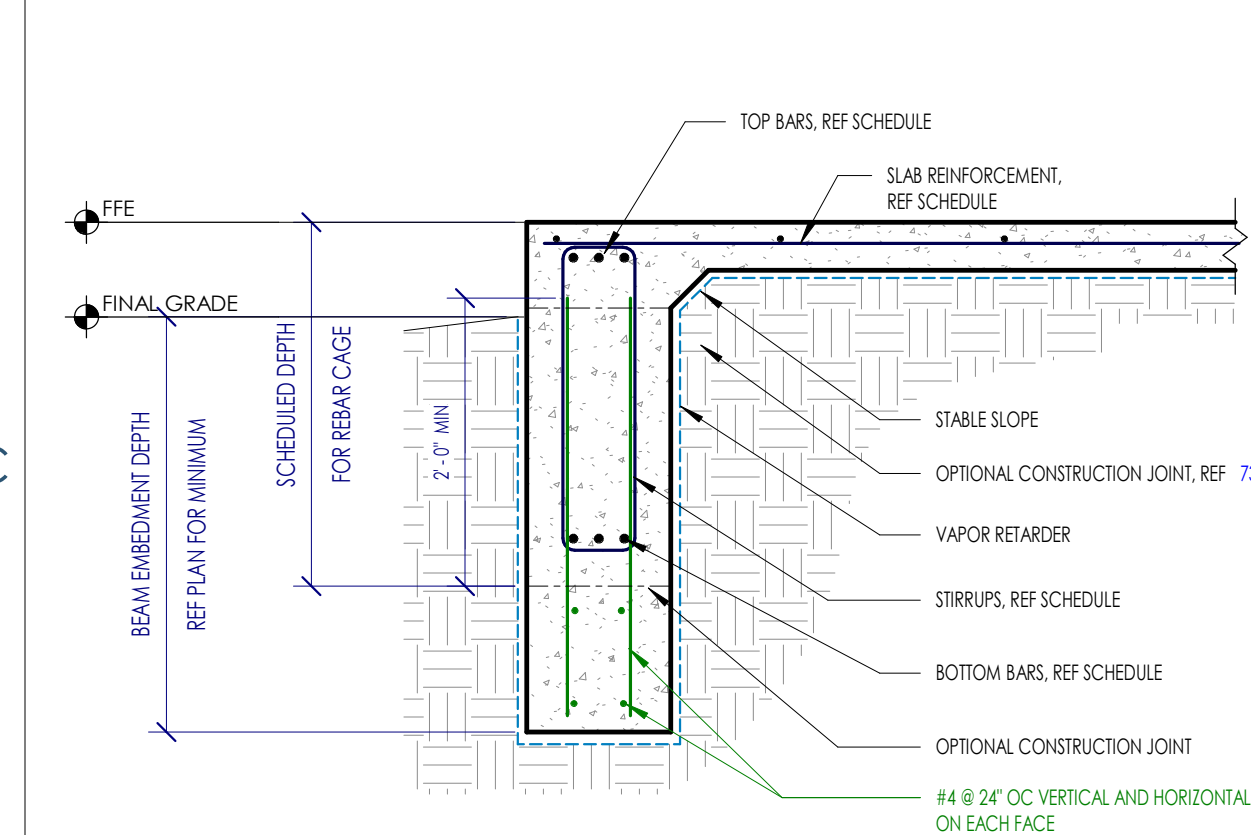
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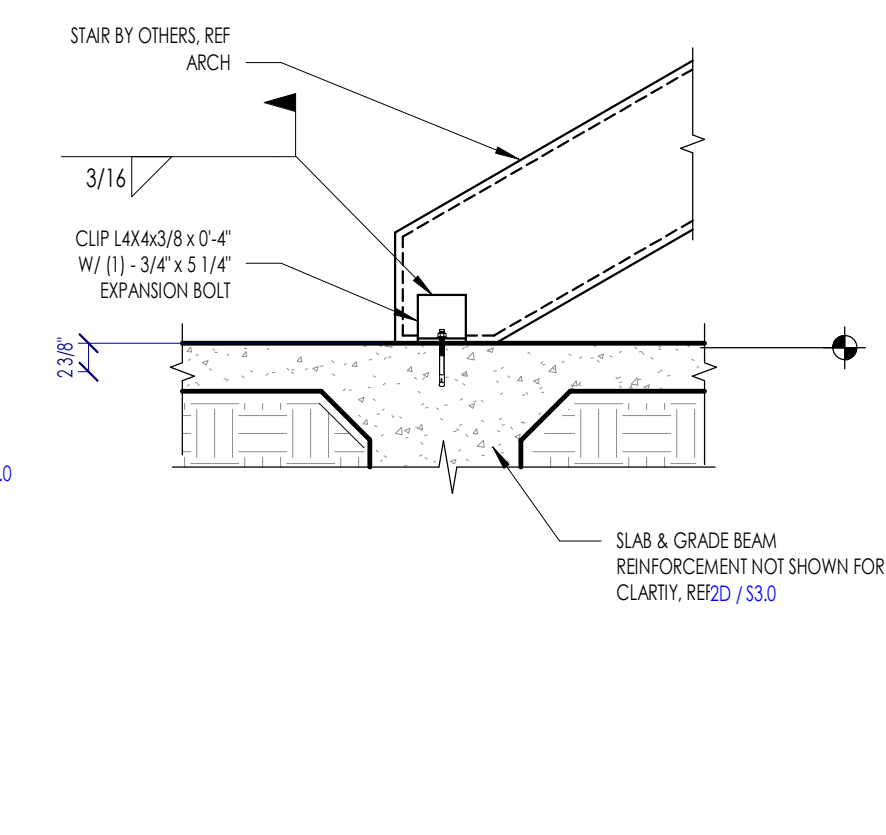
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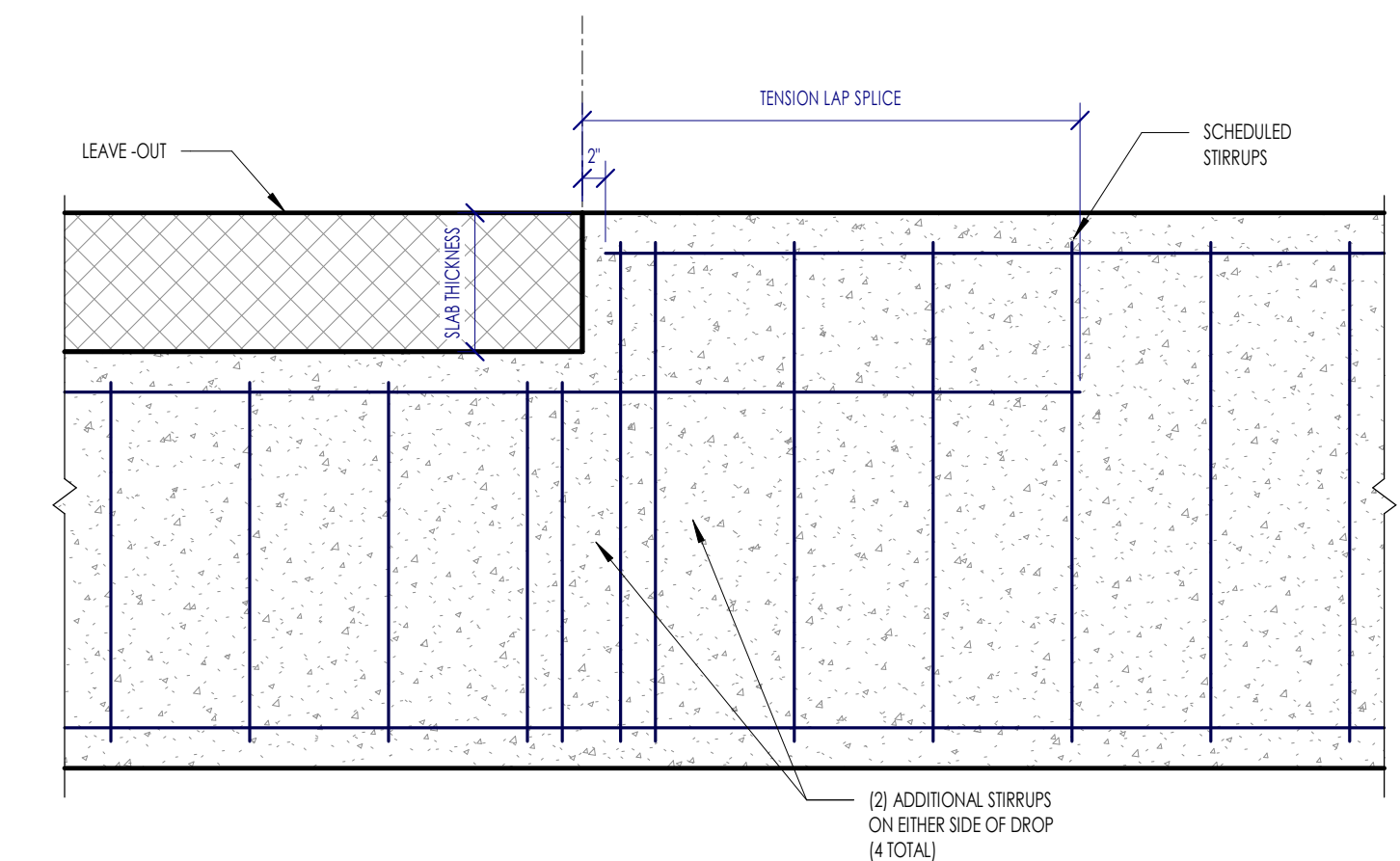
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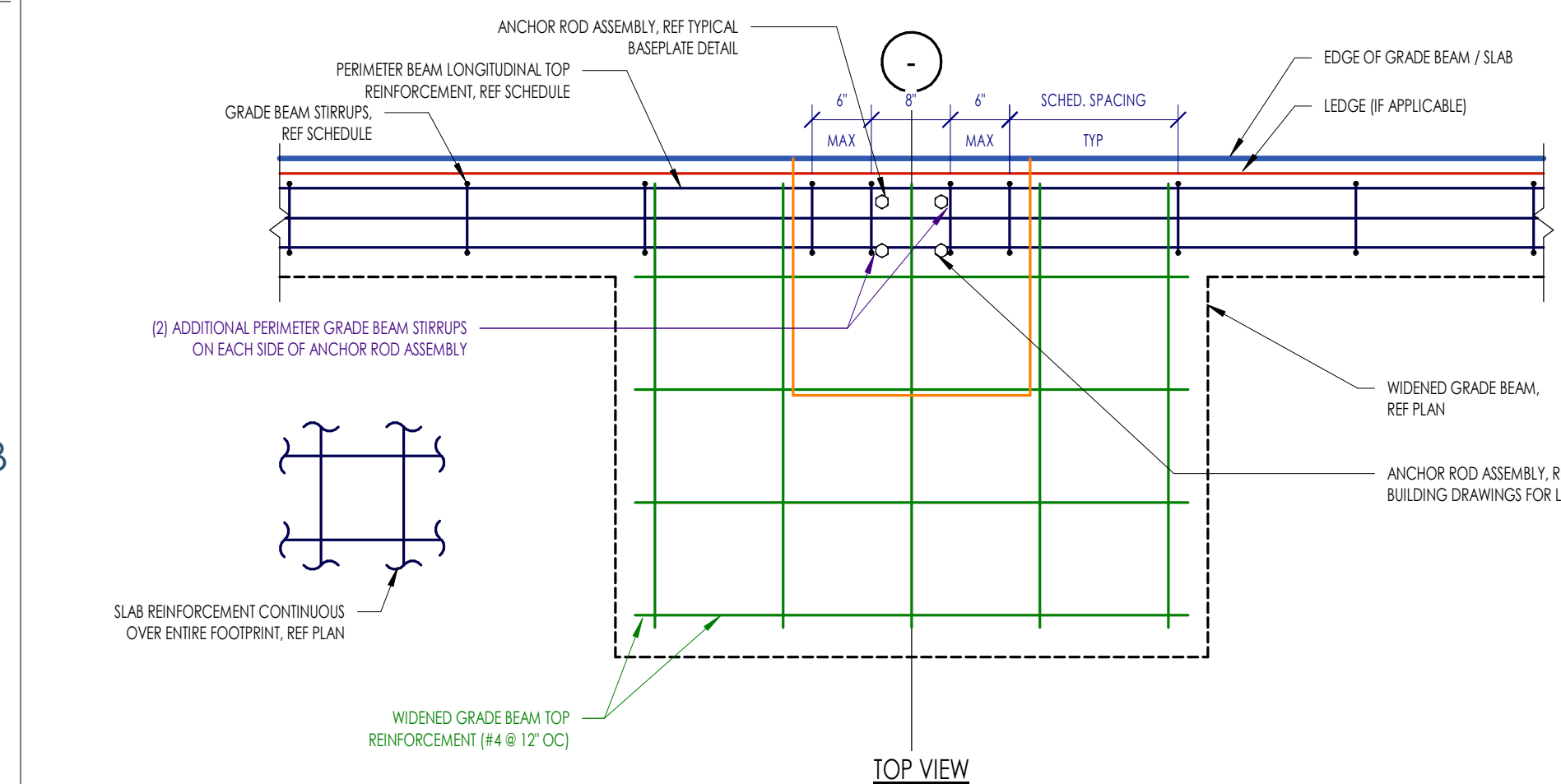
4C TYPICAL EXTERIOR GRADE BEAM - VERTICAL MOISTURE BARRIER  
NOT TO SCALE



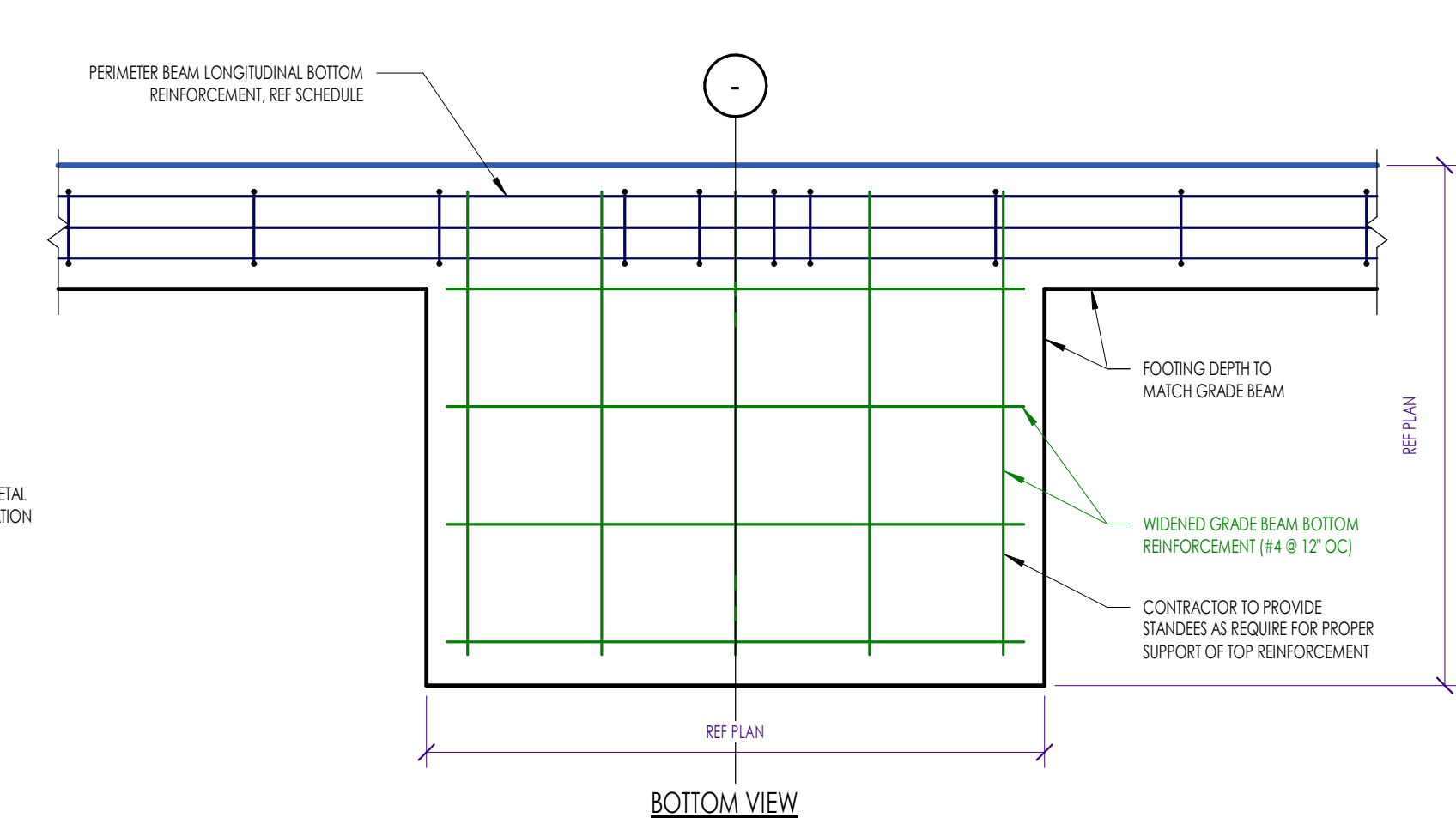
5C TYPICAL GRADE BEAM AT STEEL STAIRS  
NOT TO SCALE



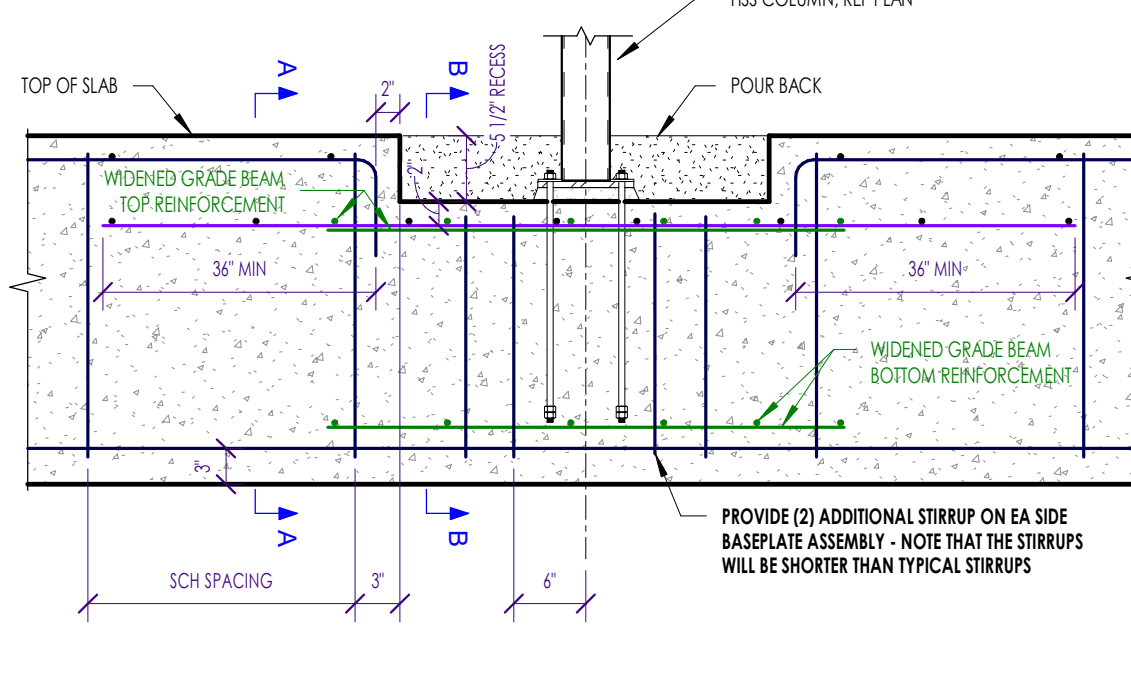
4C TYPICAL DROP TRANSITION IN GRADE BEAM TOP REINFORCEMENT AT SLAB LEAVE-OUT  
NOT TO SCALE



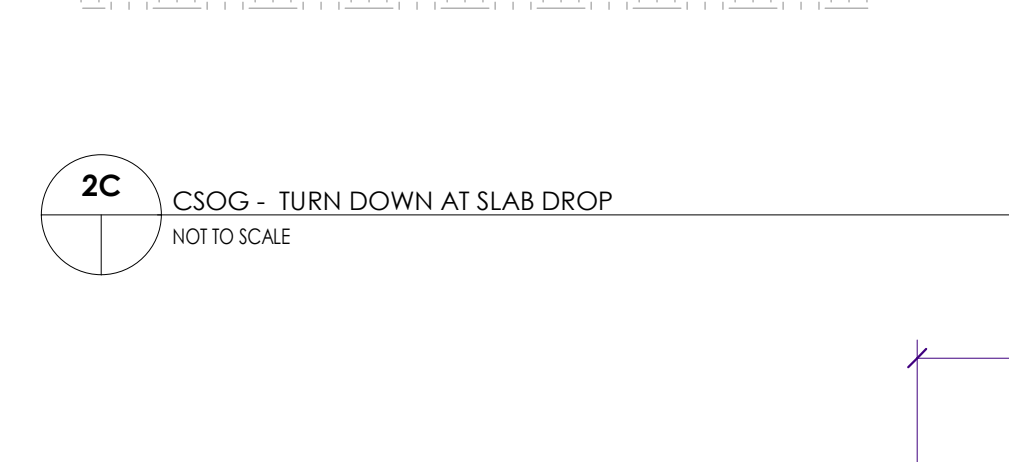
4B TYPICAL WIDENED FOOTING AT COLUMN - EMBEDDED BASE PLATE  
NOT TO SCALE



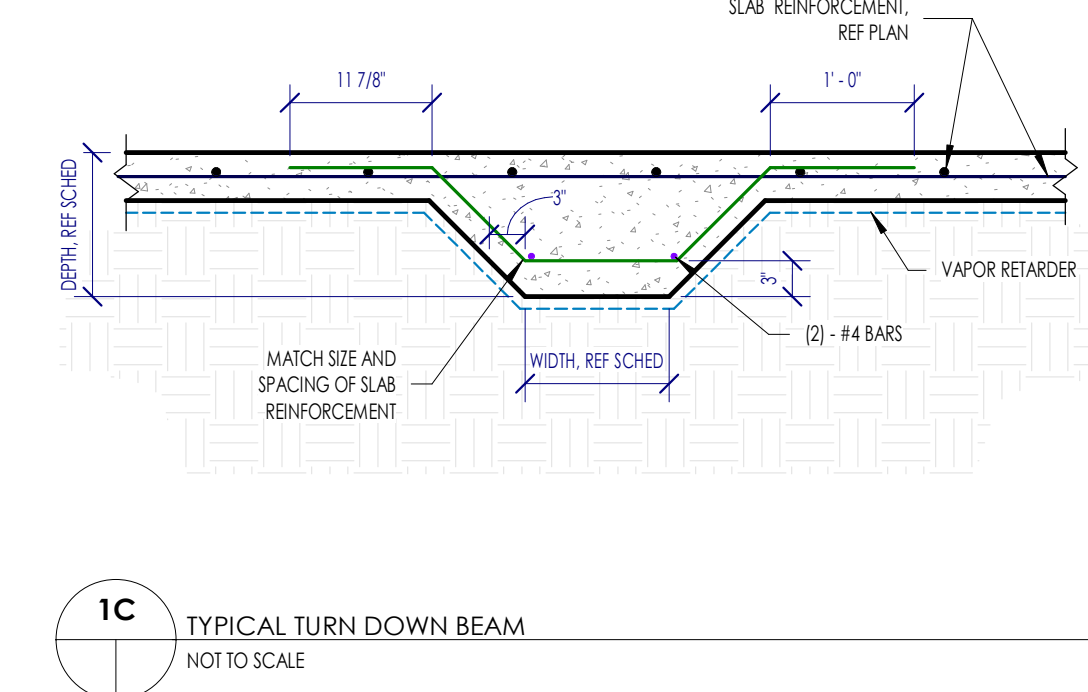
4C TYPICAL SPREAD FOOTING AT INTERIOR COLUMN  
NOT TO SCALE



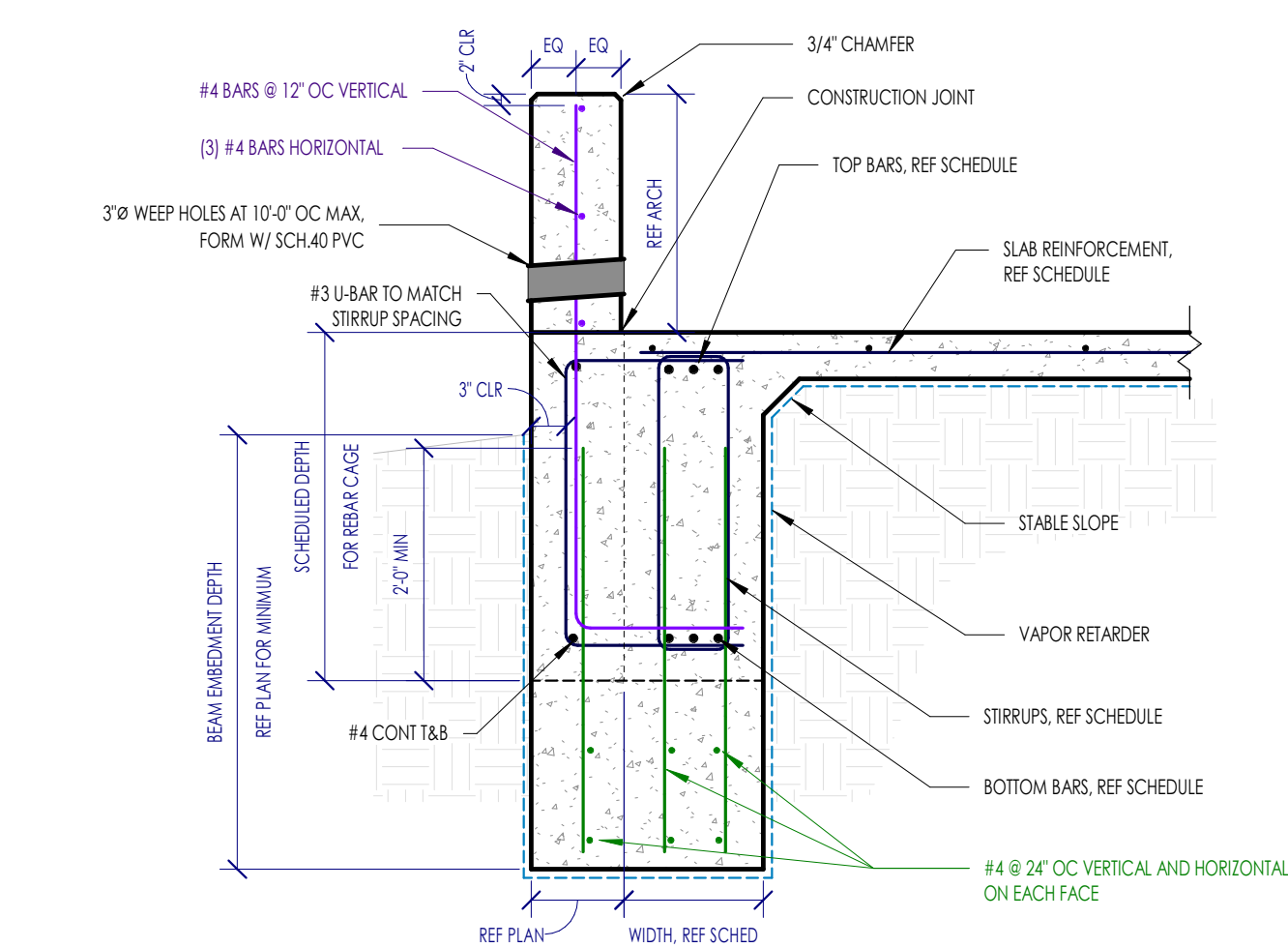
2B TYPICAL SPREAD FOOTING AT INTERIOR COLUMN  
NOT TO SCALE



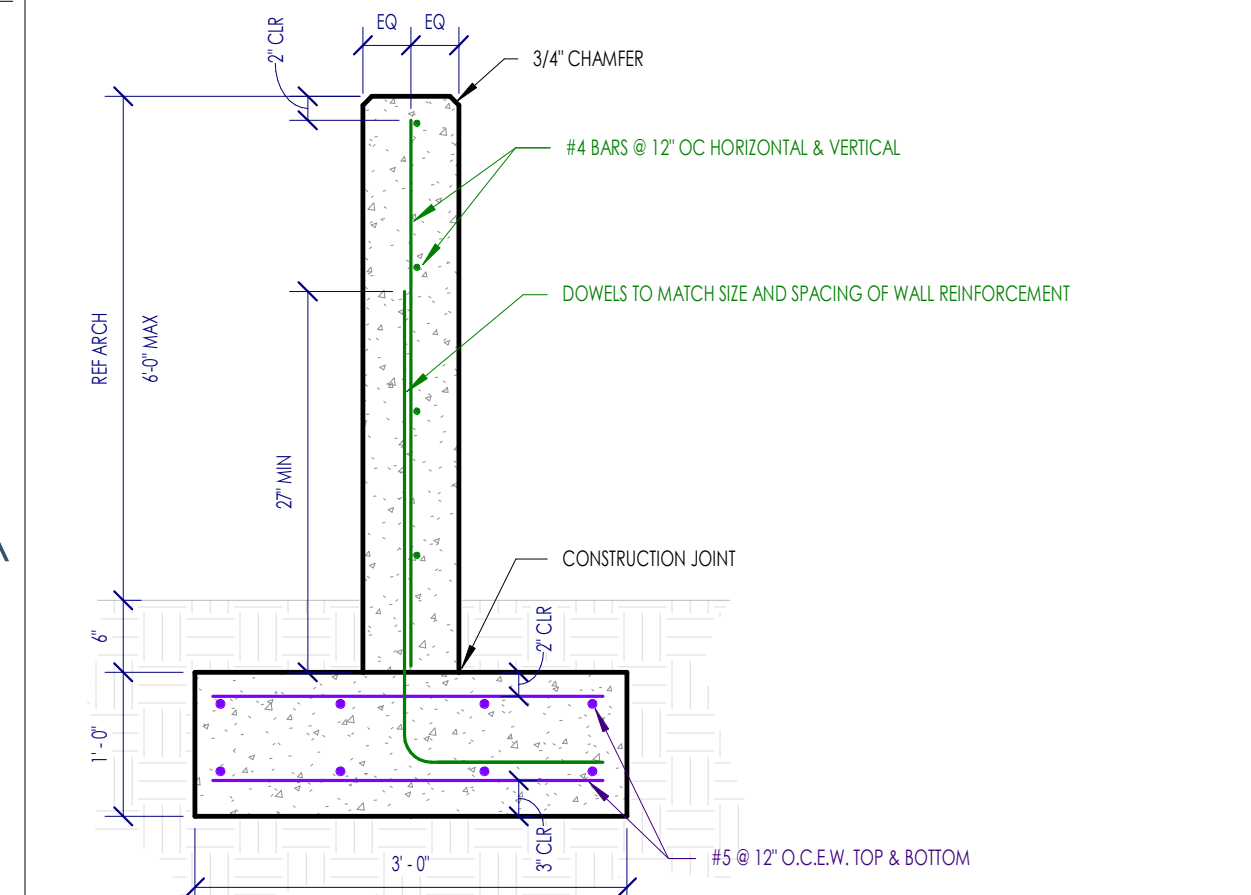
2C CSOG - TURN DOWN AT SLAB DROP  
NOT TO SCALE



1C TYPICAL TURN DOWN BEAM  
NOT TO SCALE



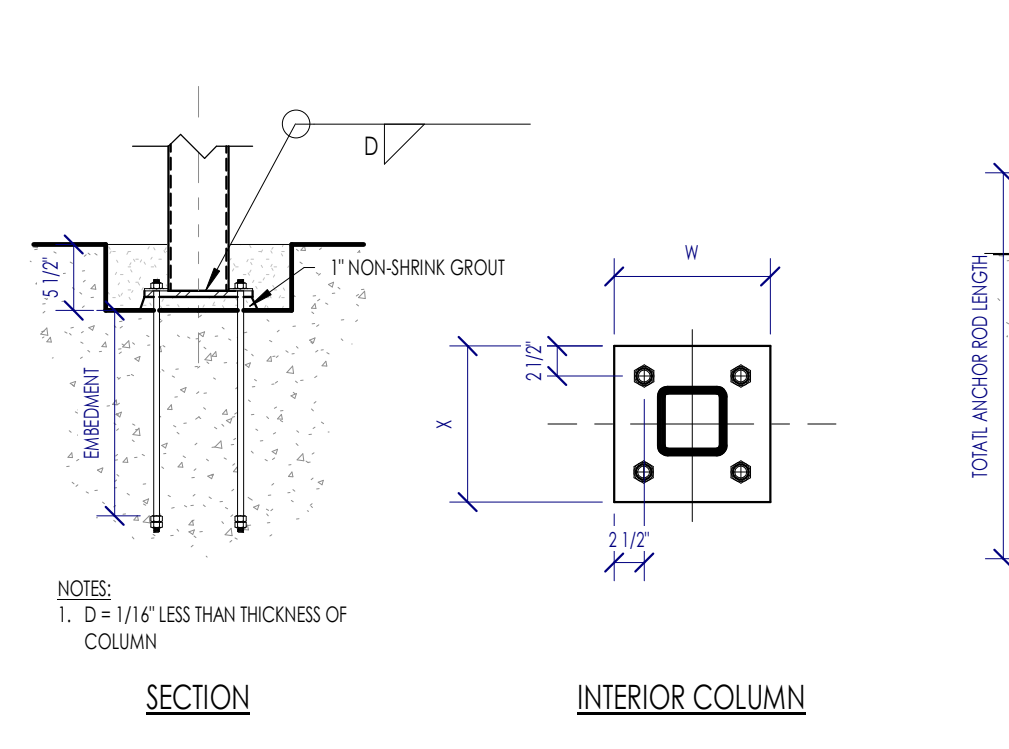
1D TYPICAL EXTERIOR WIDENED GRADE BEAM AT CURB - VERTICAL MOISTURE BARRIER  
NOT TO SCALE



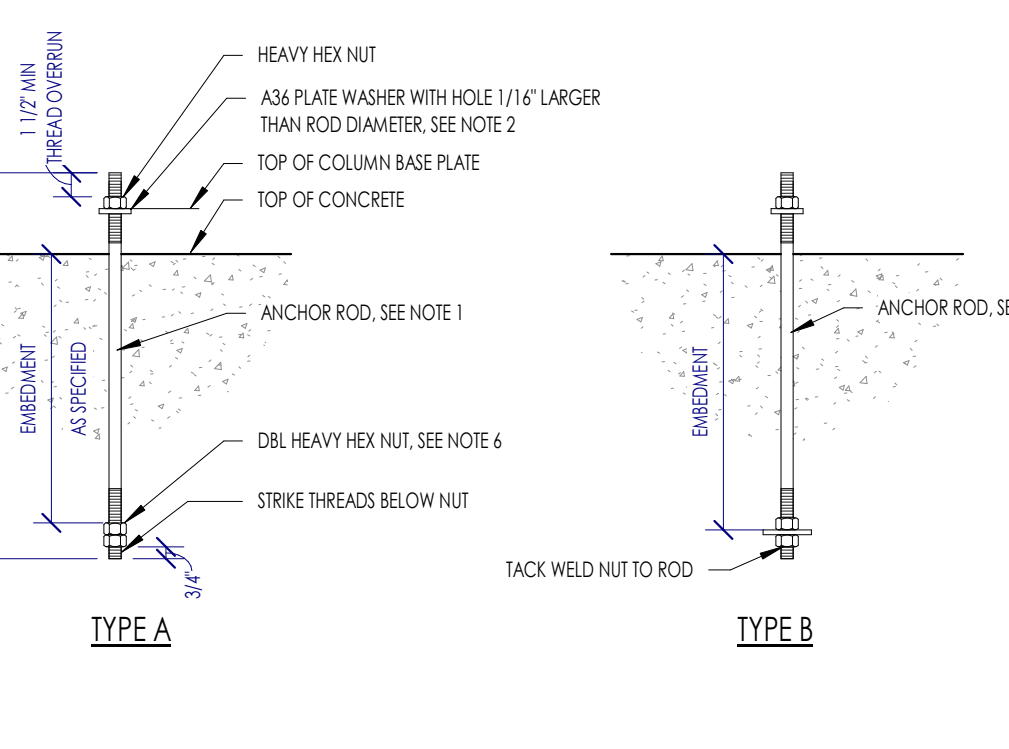
6A TYPICAL MOMENT SIGN FOUNDATION  
NOT TO SCALE

COLUMN	BASE PLATE DIMENSIONS			CONDITION	ANCHOR BOLTS		
	X	W	T		NO./TYPE	DIA.	EMBEDMENT
HSS3x5.5	11"	13"	13"	INTERIOR	4/A	1"	1'-0"
HSS8x8	14"	16"	16"	INTERIOR	4/A	1"	1'-0"

5A TYPICAL BASEPLATE DETAIL  
NOT TO SCALE



3A TYPICAL ANCHOR ROD  
NOT TO SCALE



3B TYPICAL ANCHOR ROD  
NOT TO SCALE

ANCHOR ROD DIAMETER	HOLE DIAMETER	SQUARE PLATE WASHER SIZE	PLATE WASHER THICKNESS	TYPE B ANCHOR PLATE
5/8"	1.31/4"	1 1/2"	1/4"	PL17X10-4
3/4"	1.51/4"	2"	1/4"	PL17X10-4
7/8"	1.91/4"	2 1/2"	5/16"	PL17X10-4
1"	1.13/16"	3"	3/8"	PL11X10-5
1 1/2"	2.51/4"	3 1/2"	1/2"	PL11X10-5

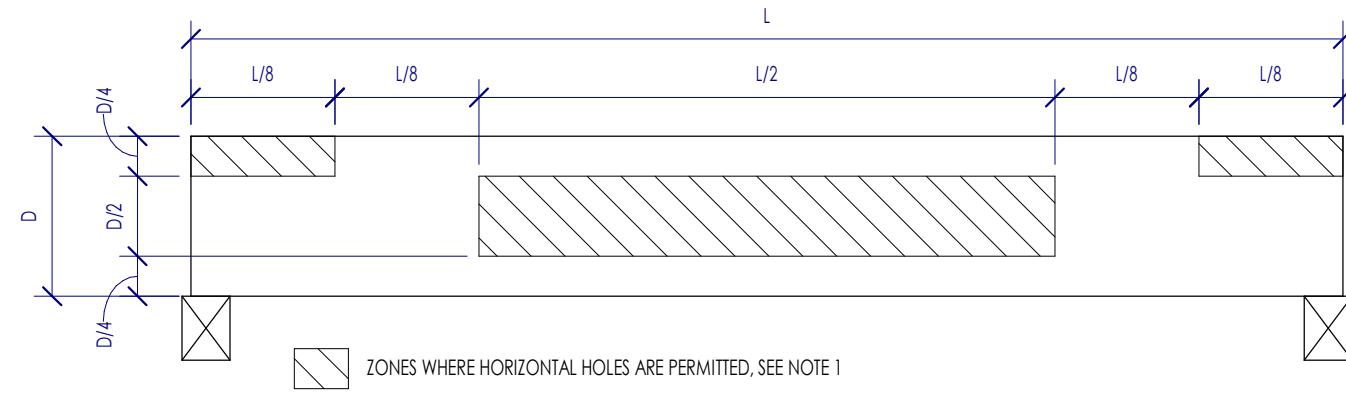
- NOTES:
- ALL TYPE A ANCHOR RODS SHALL BE F1554 GRADE 36.
  - ALL TYPE B ANCHOR RODS SHALL BE F1554 GRADE 55.1.
  - PLATE WASHERS MUST BE WELDED TO THE BASE PLATE WITH MINIMUM 3/16" FLLET WELD ALL AROUND.
  - EMBEDMENT DEPTH ARE PRELIMINARY. FINAL EMBEDMENT TO BE PROVIDED AFTER REVIEW OF METAL BUILDING REACTIONS.
  - ALL ANCHOR ROD HOLES SHALL ADHERE TO AISC DESIGN GUIDE 01, TABLE 2.3.
  - THE DOUBLE NUT MAY BE OMITTED IF THE NUT IS TACK WELDED TO THE ROD.

**TYPICAL FASTENING SCHEDULE**

CONNECTION ID	CONNECTION TYPE	FASTENING	FASTENING ORIENTATION
1	JOIST TO SILL OR GROUND	(1) - 0.131"Ø X 3"	TOENAIL
2	SOLE PLATE TO JOIST OR BLOCKING	0.148"Ø X 3 1/2" NAILS @ 12" OC NAILS	FACE NAIL
3	TOP PLATE TO STUD	(1) - 0.131"Ø X 3" NAILS	END NAIL
4	STUD TO SOLE PLATE - OPTION 1	(2) - 1/4"Ø COMMON   (2) - 0.131"Ø X 3" NAILS	END NAIL
5	STUD TO SOLE PLATE - OPTION 2	(4) 0.131"Ø X 3" NAILS	TOENAIL
6	DOUBLE/MULTIPLE STUDS	REFERENCE DETAIL 44/54.1	FACE NAIL
7	DOUBLE TOP PLATES	0.131"Ø X 3" NAILS @ 12" OC	FACE NAIL
8	DOUBLE TOP PLATE SPICE	REFERENCE DETAIL 34/54.1	FACE NAIL
9	BLOCKING BETWEEN JOISTS/RAFTERS TO TOP PLATE	(1) - 0.131"Ø X 3" NAILS	TOENAIL
10	RIM JOIST TO TOP PLATE	0.131"Ø X 3" NAILS @ 6" OC	TOENAIL
11	CeILING JOIST TO TOP PLATE	(1) - 0.131"Ø X 3" NAILS	TOENAIL
12	CeILING JOIST LAP OVER PARTITION	(1) - 0.131"Ø X 3" NAILS	FACE NAIL
13	CeILING JOIST TO PARALLEL RAFTERS	(1) - 0.131"Ø X 3" NAILS	FACE NAIL
14	RAFTER TO TOP PLATE	(1) - 0.131"Ø X 3" NAILS	TOENAIL
15	BUILT-UP CORNER STUDS	0.131"Ø X 3" NAILS @ 14" OC	FACE NAIL
16	BUILT-UP BEAMS	REFERENCE DETAIL 24/54.0	FACE NAIL
17	COLLAR TIE TO RAFTER	(1) - 0.131"Ø X 3" NAILS	FACE NAIL
18	JACK RAFTER TO HP	(1) - 0.131"Ø X 3" NAILS	TOENAIL
19	RAFTER TO RIDGE BOARD/BEAM	(1) - 0.131"Ø X 3" NAILS	TOENAIL
20	BLOCKING AT STUDS	(1) - 0.131"Ø X 3" NAILS EACH SIDE	TOENAIL

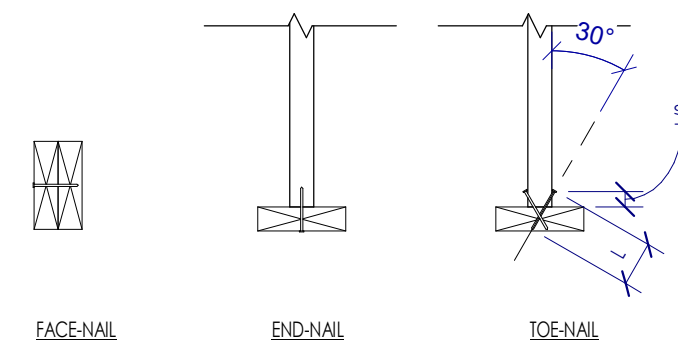
NOTES:  
1. THESE CONNECTIONS ARE TO BE APPLIED UNLESS NOTED OTHERWISE IN PLAN SECTION, ELEVATION OR DETAIL VIEWS.

**6D** TYPICAL WOOD FASTENING SCHEDULE  
NOT TO SCALE

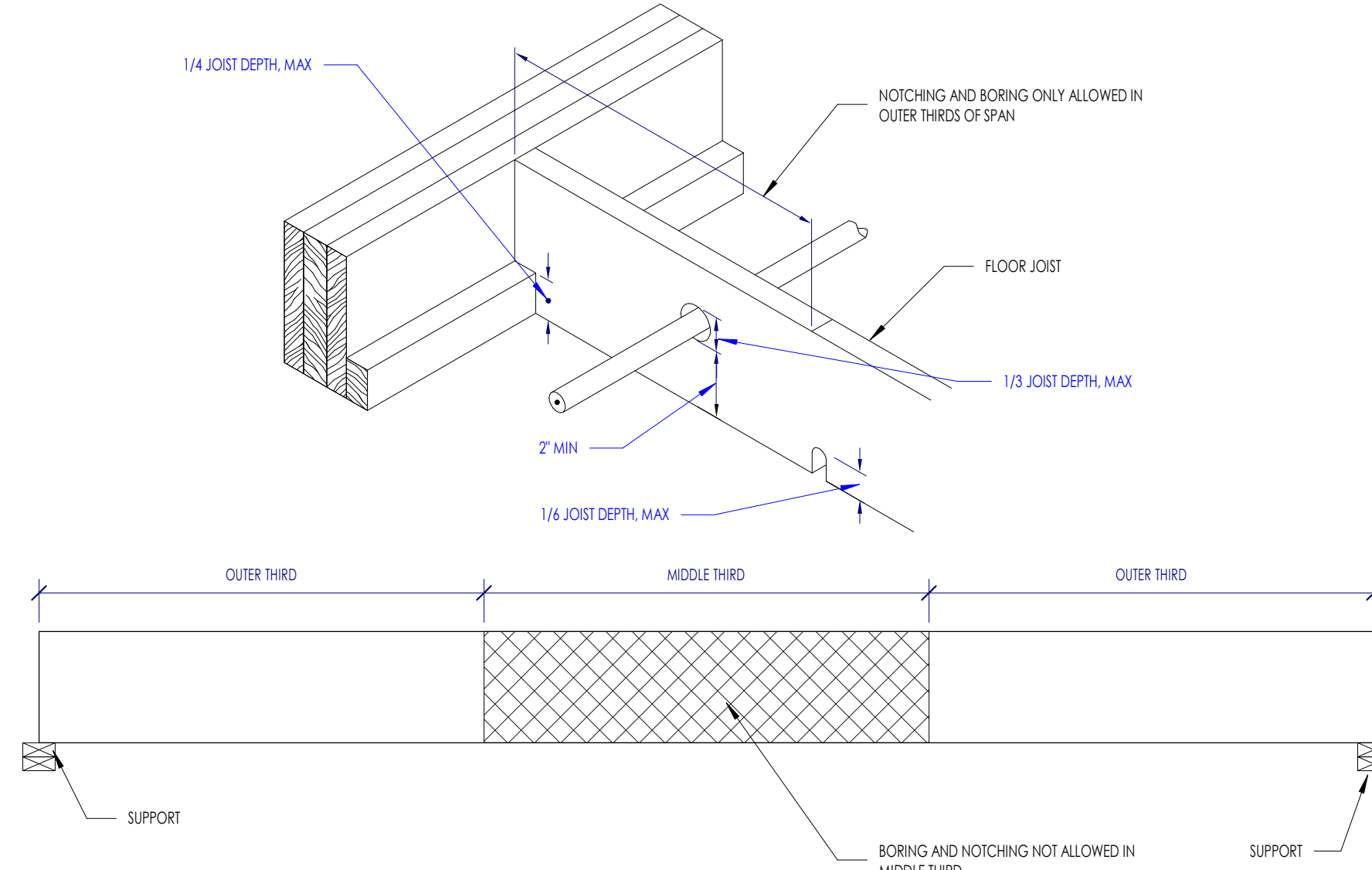


NOTES:  
1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1/4" OR D/10, WHICHEVER IS SMALLER.  
2. SPACING: FOR LARGER HOLE DIAMETERS OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ECR.  
3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY SUPPORTED, UNIFORMLY LOADED GLUE LAMINATED BEAMS. FOR BEAMS THAT ARE EITHER CONTINUOUS ACROSS MULTIPLE SPANS OR THAT ARE SUPPORTING NON-UNIFORM LOADS, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ECR.

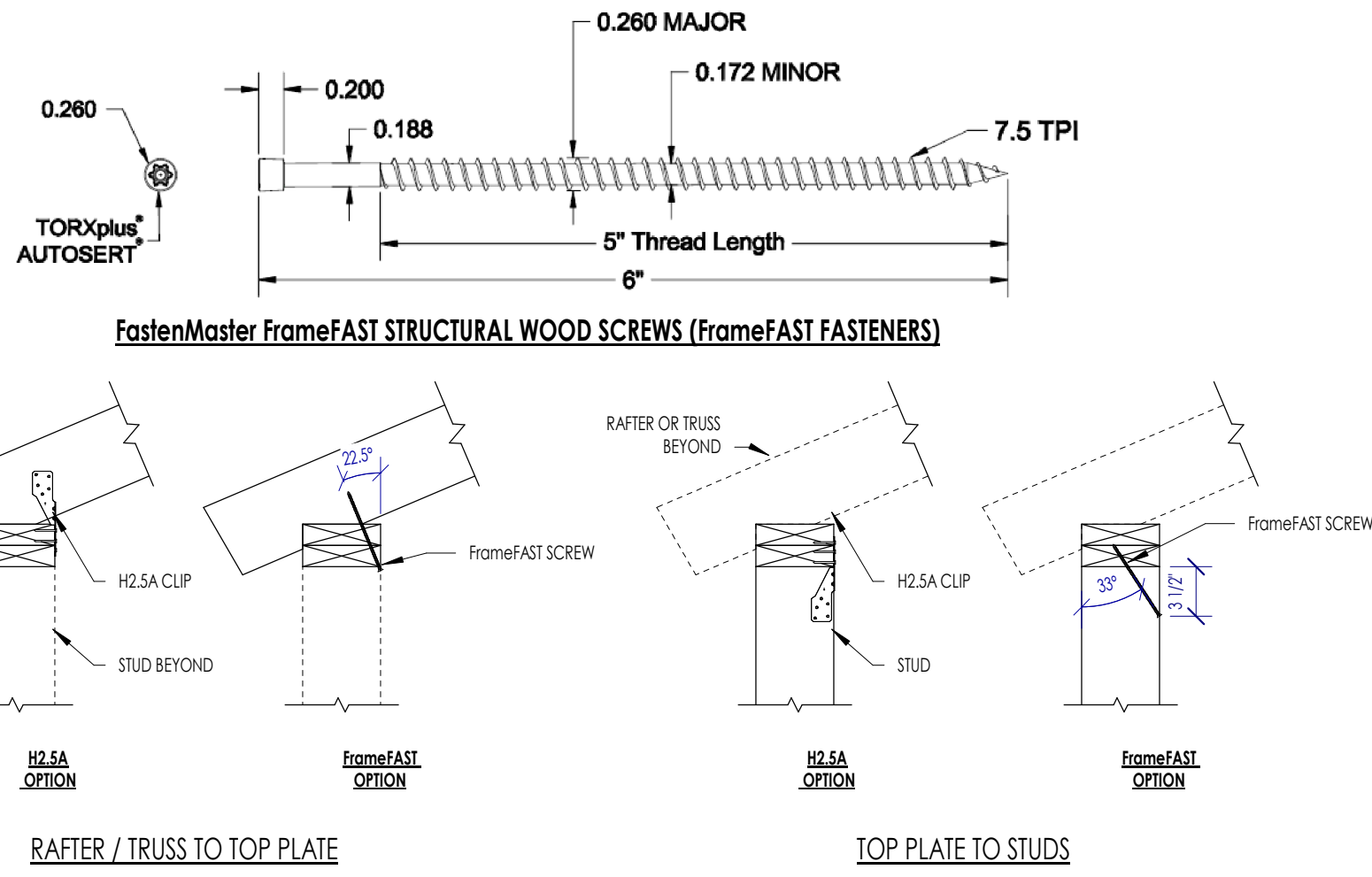
**4E** ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS  
NOT TO SCALE



**4D** TYPICAL NAILING CONFIGURATIONS  
NOT TO SCALE

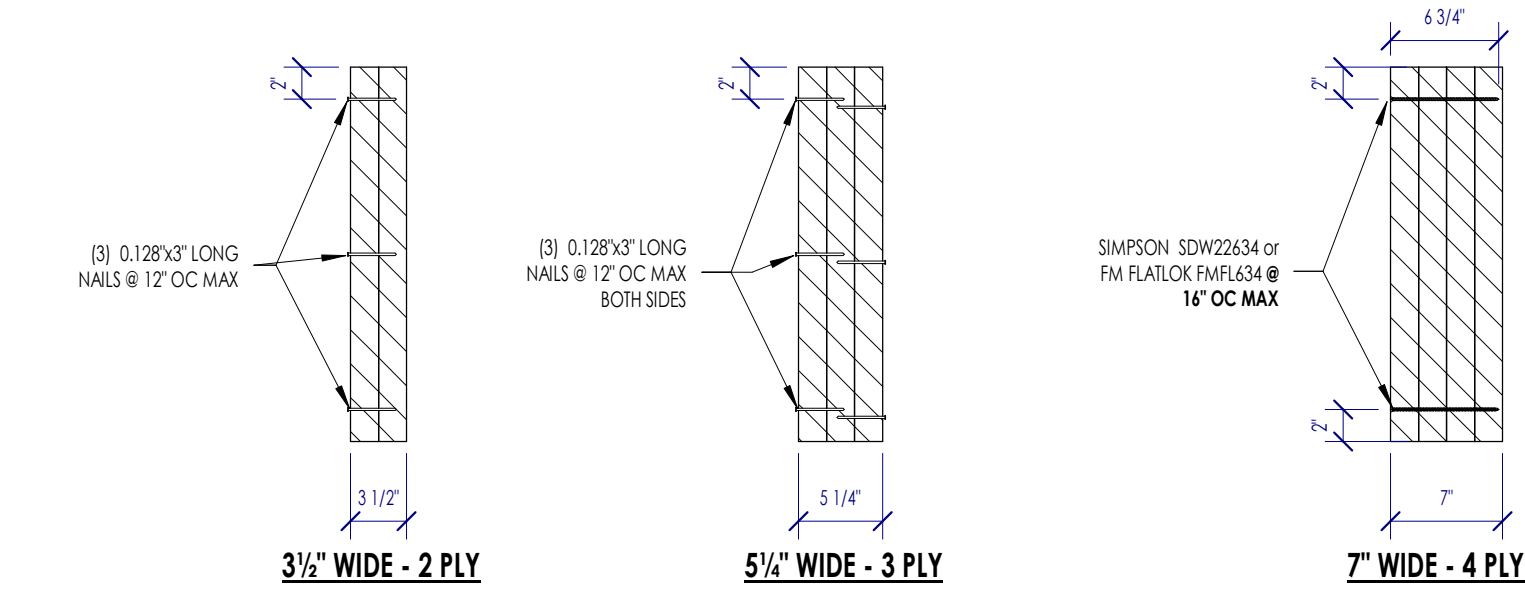


**6C** ALLOWABLE NOTCHING AND BORING OF FLOOR JOISTS  
NOT TO SCALE



NOTES:  
1. FastenerMaster FrameFAST STRUCTURAL WOOD SCREWS (FrameFAST FASTENERS) MAY BE SUBSTITUTED FOR 1 WITH H2-5A CLIPS.

**4C** ALLOWABLE SUBSTITUTION OF H2-5A CLIPS WITH FrameFAST SCREWS - UPLIFT LOAD PATH  
NOT TO SCALE



**2C** TYPICAL LVL MULTIPLE PLY FASTENING REQUIREMENTS  
NOT TO SCALE

**FASTENER SCHEDULE - TO BEAM TOP FLANGE**

l <sub>p</sub> (ft)	PAF FASTENER	BOLT / ROD*
≤ 0.35	X-1/4 @ 12" OC	1/2"Ø @ 24" OC
0.35 < l <sub>p</sub> ≤ 0.44	D5-47 @ 12" OC	1/2"Ø @ 24" OC
l <sub>p</sub> > 0.44	N/A	1/2"Ø @ 12" OC

**FASTENER SCHEDULE - TO BEAM WEB / BOTTOM FLANGE**

l <sub>p</sub> (ft)	PAF FASTENER	BOLT / ROD*
≤ 0.35	(1) - X-1/4 @ 12" OC	(2) - 1/2"Ø @ 24" OC
0.35 < l <sub>p</sub> ≤ 0.44	(1) - D5-47 @ 12" OC	(2) - 1/2"Ø @ 24" OC
l <sub>p</sub> > 0.44	N/A	(2) - 1/2"Ø @ 12" OC

**NAILER SCHEDULE - TO BEAM FLANGE**

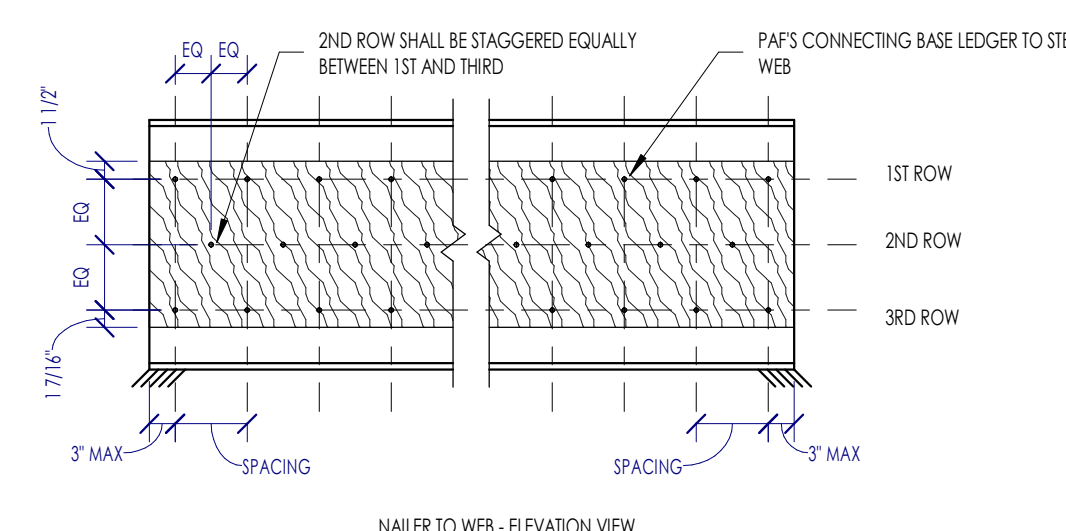
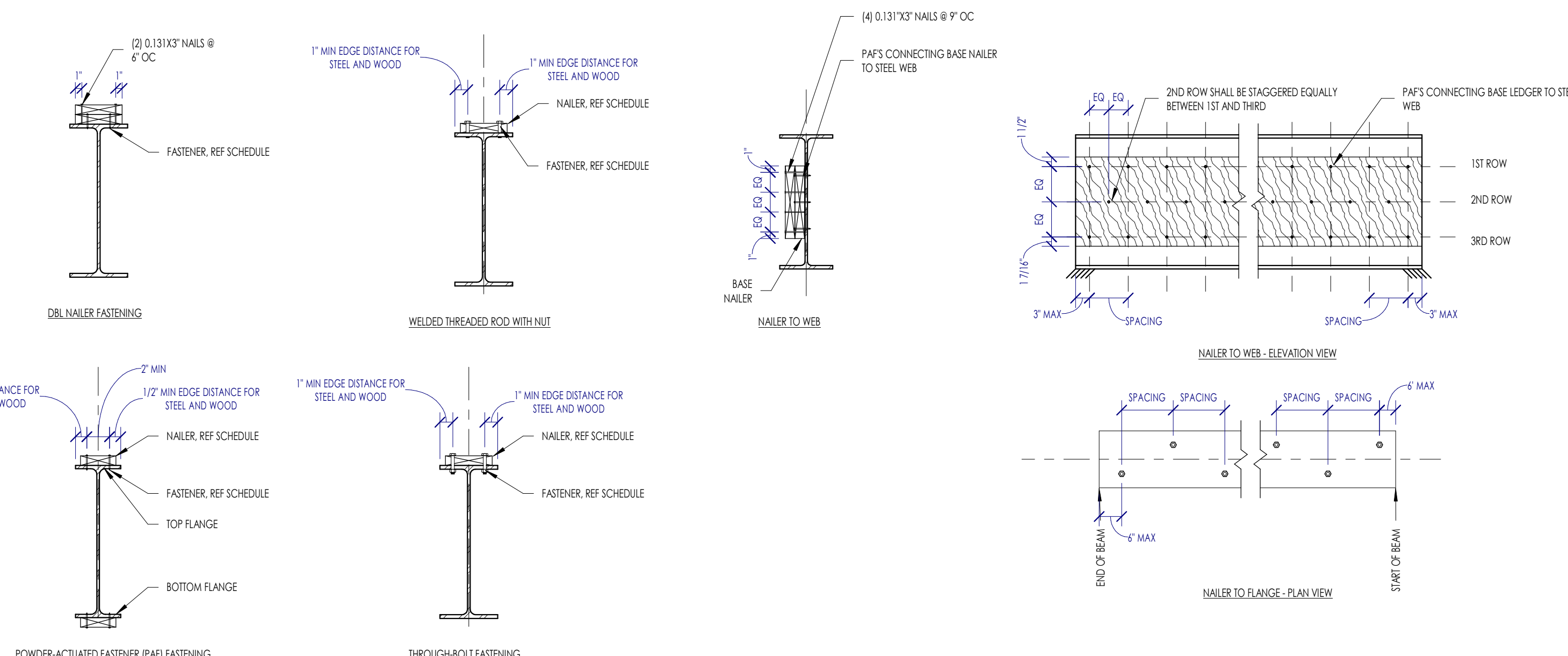
b (ft)	NAILER SIZE
≤ 5.5	2x4
5.5 < b ≤ 7.25	2x6
l <sub>p</sub> > 7.25	2x8

**NAILER SCHEDULE - TO BEAM WEB**

d (ft)	NAILER SIZE
≤ 5.5	2x4
5 < d ≤ 6.75	2x6
6.75 < d ≤ 8.75	2x8
8.75 < d ≤ 10.75	2x10
10.75 < d ≤ 15	(2) - 2x8
15 < d ≤ 19	(2) - 2x10
19 < d ≤ 23	(2) - 2x12
d > 23	(3) - 2x8

NOTES:  
1. ALL FASTENERS SHALL BE STAGGERED.  
2. FASTENER DESCRIPTIONS: ALL FASTENERS ARE POWDER-ACTUATED FASTENERS MFR'D BY HELI, INC.  
A. 8/16/47  
B. UNIVERSAL INKURED SHANK FASTENER WITH A SHANK DIAMETER OF 0.157" AND A SHANK LENGTH OF 47 mm (1.85").  
C. 12/47  
D. HEAVY DUTY SMOOTH SHANK FASTENER WITH A SHANK DIAMETER OF 0.177" AND A SHANK LENGTH OF 47 mm (1.85").  
3. FASTENER INSTALLATION SHALL FOLLOW ALL SPECIFICATIONS PER THE MFR.  
4. THROUGH BOLTS SHALL BE GALVANNEED ASTM A575 BOLTS. THROUGH BOLT ROD SHALL BE GALVANNEED ASTM F1554 GR.36.

**6A** WOOD NAILER TO TOP OF STRUCTURAL STEEL  
NOT TO SCALE



NOTES:  
1. UNLESS NOTED OTHERWISE ON PLAN, REFER TO THE FOLLOWING DETAILS FOR THE SUPPORT FRAMING:  
A. SUPPORT FOR HEADERS IN EXTERIOR WALLS 42/54.1  
B. SUPPORT FOR HEADERS IN INTERIOR WALLS 58/54.1  
C. SUPPORT FOR BEAMS & GIRDERS SUPPORTED BY WALL - REFERENCE BEAM SCHEDULE

**2A** TYPICAL NAILING BUILT-UP BEAMS, GIRDERS & HEADERS  
NOT TO SCALE

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**RENOVATION**  
Wranglers  
Engineers

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**ARCHITECTURE**  
Architect of Record: LKB Architecture  
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Houston, TX 77019  
isa@lkbarchitecture.com | 713.425.3076

**DUDDLEY**  
Structural: Dudley  
6102 Imperial Loop Drive  
College Station, TX 77845  
(979) 777-0720

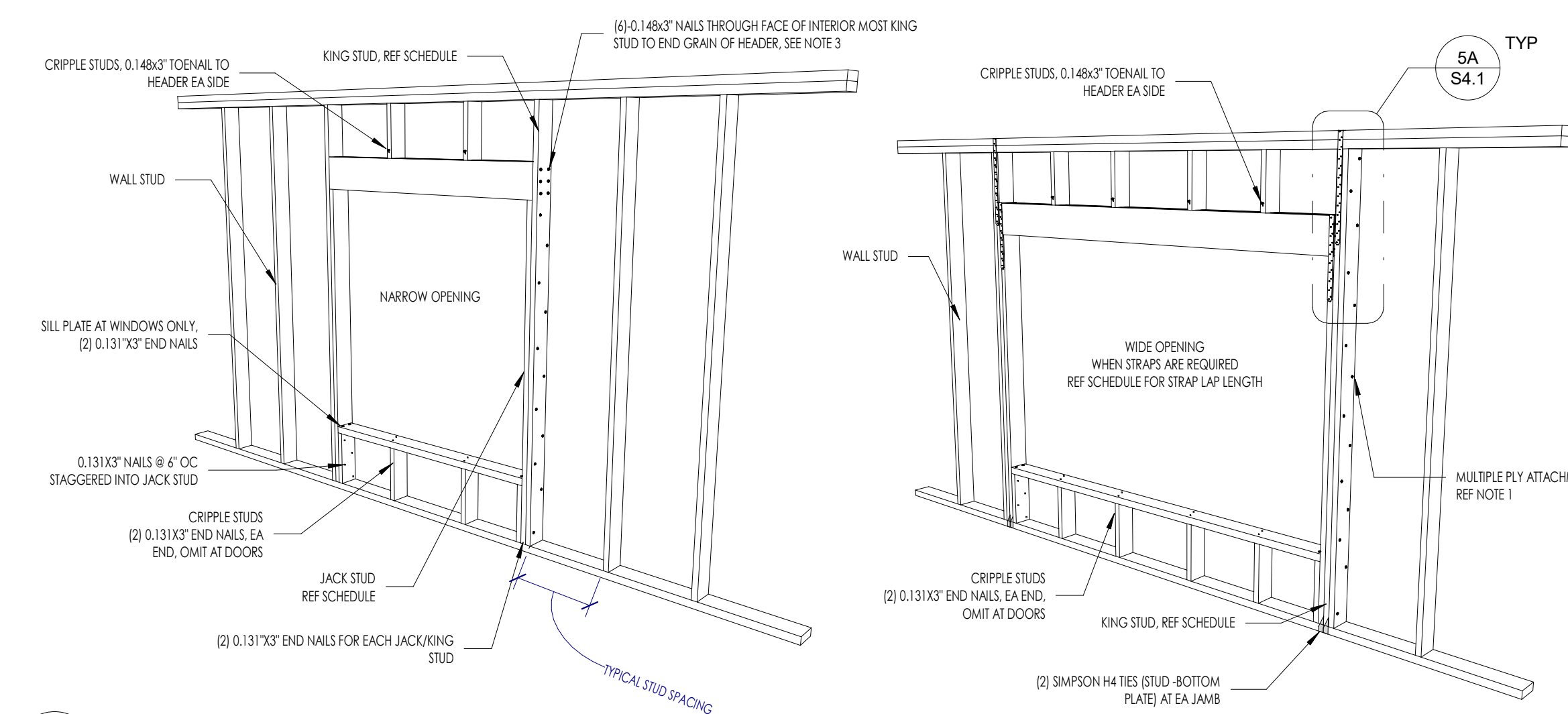
**amc**  
ENGINEERS

MEP: AMC Engineers  
508 E Jackson St # 552  
Burnet, TX 78611  
info@amcengineers.com

**openingdesign**  
Architect: OpeningDesign  
17 S Fairchild | FL 7  
Madison, WI 53703  
ryan@openingdesign.com | 773.425.6456

Date	Description

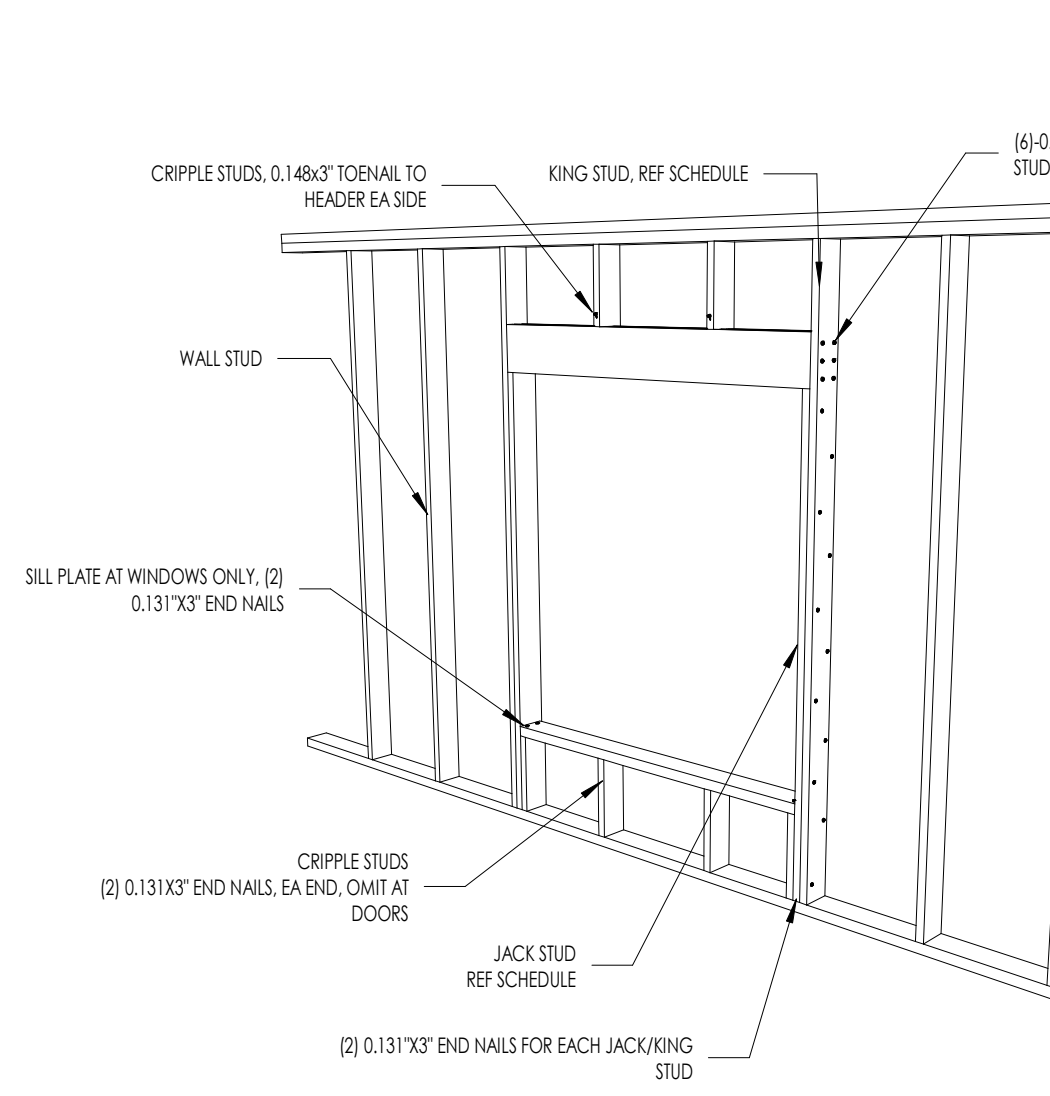
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OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	11	12		
5.3	1	1	1	2	2	1	N/R
4	1	1	2	2	2	1	N/R
5	2	2	2	3	3	1	N/R
6	2	2	3	3	3	1	N/R
7	2	2	3	3	4	1	N/R
8	3	3	3	4	4	2	8
9	3	3	4	4	4	2	8
10	3	3	4	4	4	2	8

OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	11	12		
5.3	1	1	1	1	1	1	N/R
4	1	1	1	1	1	1	N/R
5	1	1	1	1	2	1	N/R
6	1	1	1	2	2	1	N/R
7	1	1	2	2	2	1	N/R
8	1	1	2	2	2	2	8
9	1	2	2	2	2	2	8
10	1	2	2	2	3	2	8

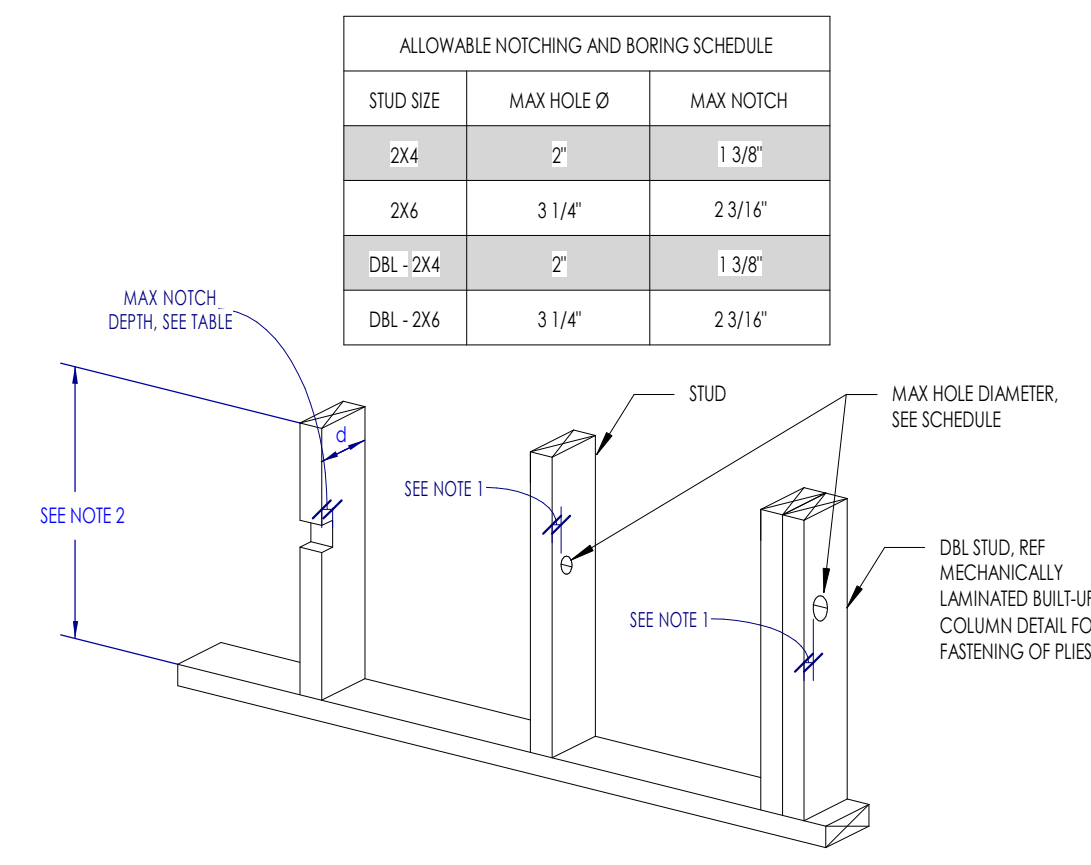
- NOTES:  
1. MULTIPLE PILES MUST BE ATTACHED PER THE MECHANICALLY LAMINATED BUILT-UP COLUMN NAILED DETAIL.  
2. TABLE IS BASED OFF A HORIZONTAL WIND PRESSURE OF 20 PSF AND GRAVITY LOADING OF 200 PLF.  
3. WALLS MUST BE CENTERED ON THE NOMINAL PILES OF THE HEADERS.  
4. N/R = NOT REQUIRED. IF N/R, THEN REFERENCE NARROW OPENING DIAGRAM FOR CONNECTION REQUIREMENTS, OTHERWISE REFERENCE THE WIDE OPENING DIAGRAM.



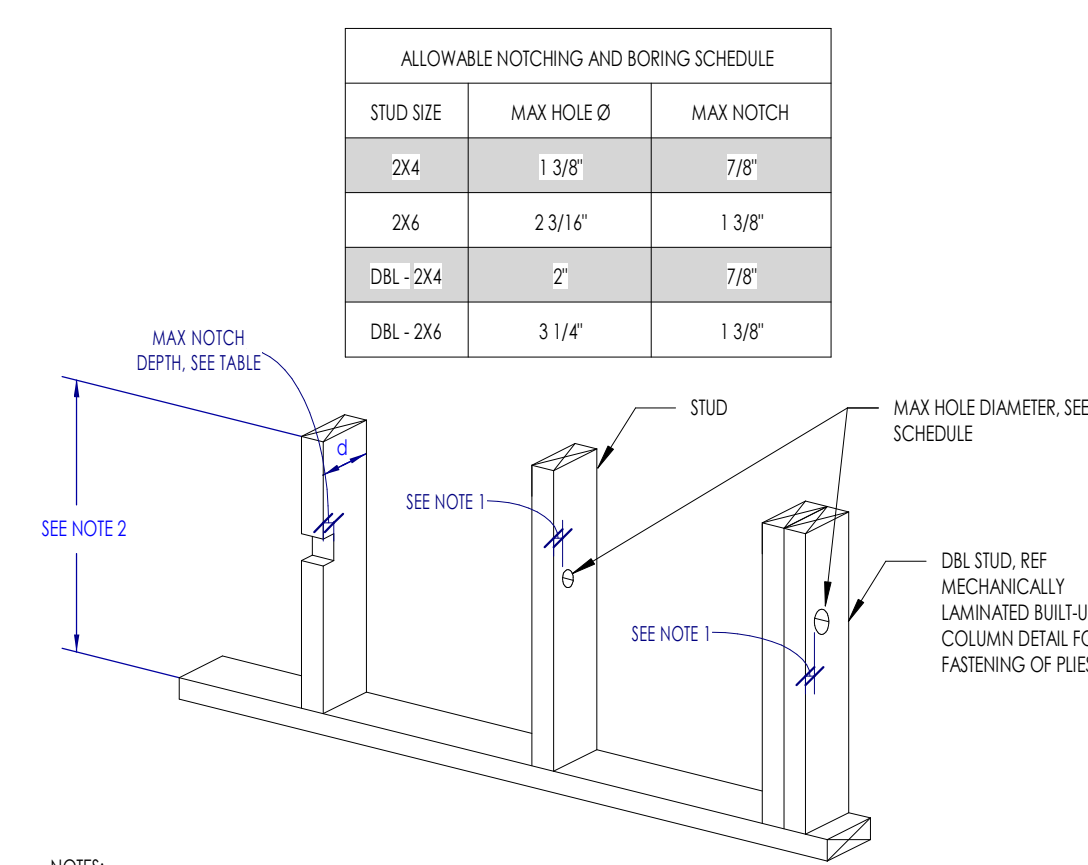
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	HEADER SIZE
	8	9	10	11	12		
5.3	1	1	1	1	1	1	2X6 STUD WALL, 2X6 STUD WALL
4	1	1	1	1	1	1	2X6H, 2X6H
5	1	1	1	2	2	1	2X6H, 2X6H
6	1	1	2	2	2	1	2X6H, 2X6H
7	1	1	2	2	3	1	2X6H, 2X6H
8	2	2	2	3	3	2	2X10H, 2X10H
9	2	2	3	3	3	2	2X10H, 2X10H
10	2	2	3	3	3	2	2X10H, 2X10H

OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS					NO. JACK STUDS	HEADER SIZE
	8	9	10	11	12		
5.3	1	1	1	1	1	1	2X6H, 2X6H
4	1	1	1	1	1	1	2X6H, 2X6H
5	1	1	1	2	2	1	2X6H, 2X6H
6	1	1	2	2	2	1	2X6H, 2X6H
7	1	1	2	2	3	1	2X6H, 2X6H
8	2	2	2	3	3	1	2X10H, 2X10H
9	2	2	3	3	3	1	2X10H, 2X10H
10	2	2	3	3	3	1	2X10H, 2X10H

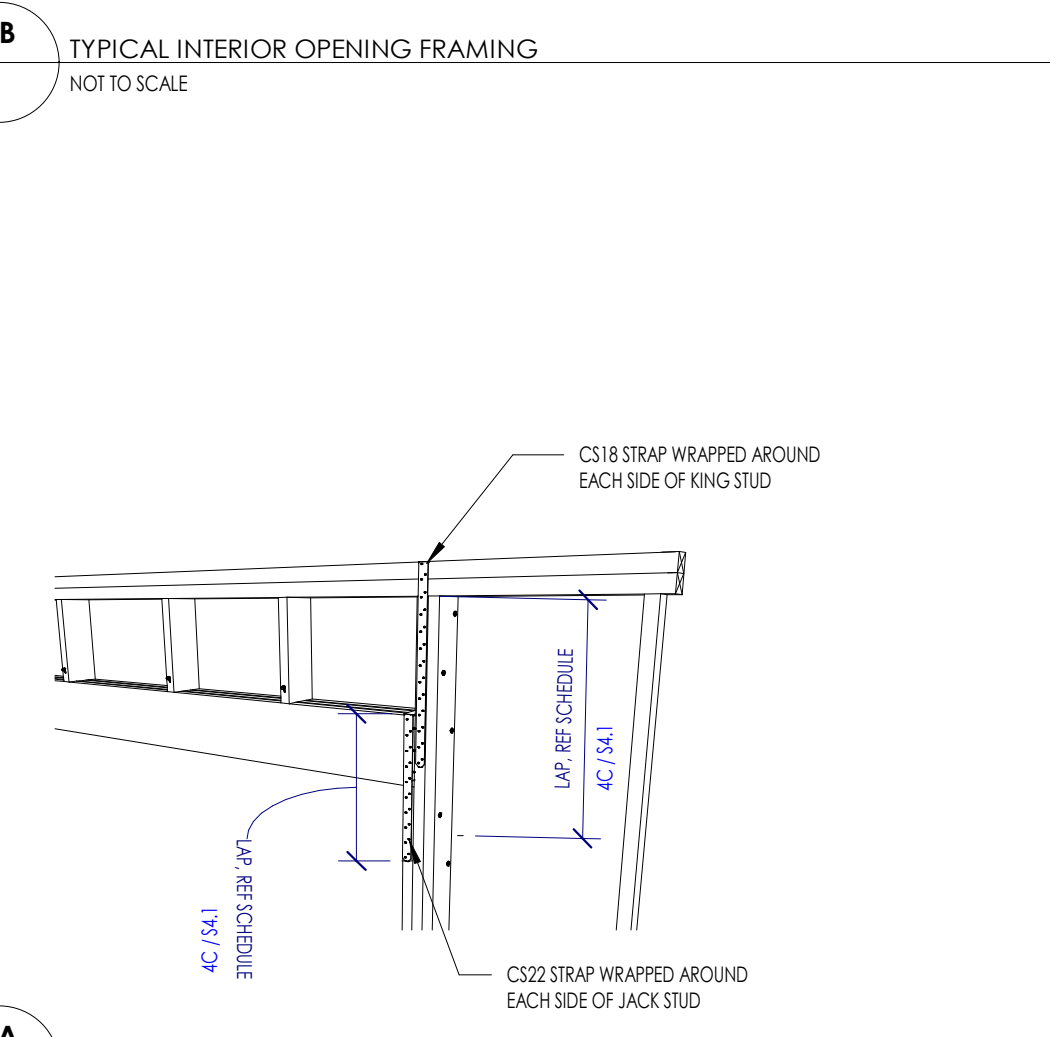
- NOTES:  
1. LOAD BEARING WALLS AND ASSOCIATED HEADERS ARE INDICATED ON PLAN.



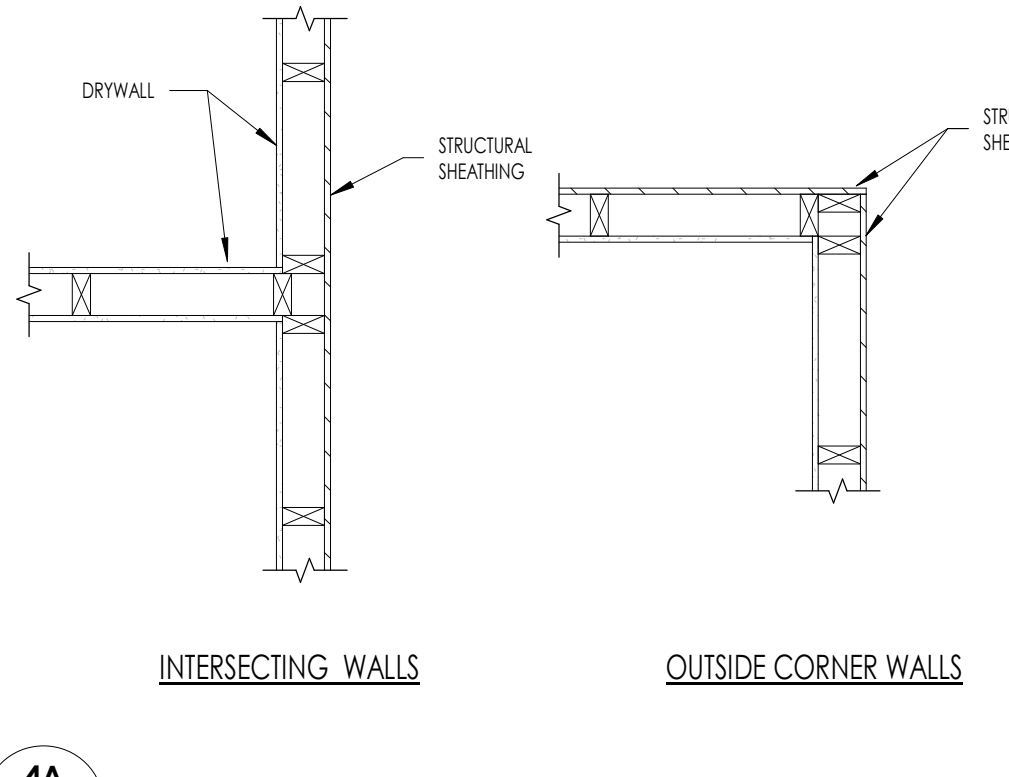
- ALLOWABLE STUD NOTCHING AND BORING IN INTERIOR NON-LOAD BEARING WALLS  
NOT TO SCALE



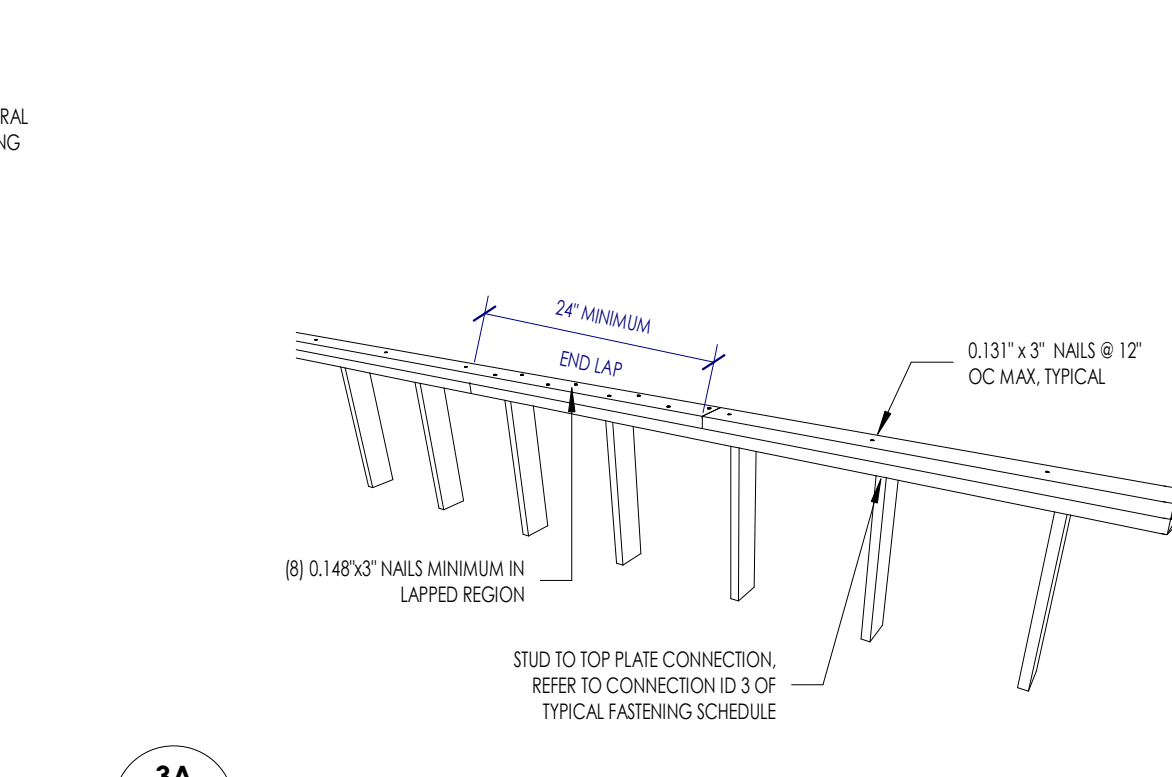
- ALLOWABLE STUD NOTCHING AND BORING IN EXTERIOR & LOAD BEARING WALLS  
NOT TO SCALE



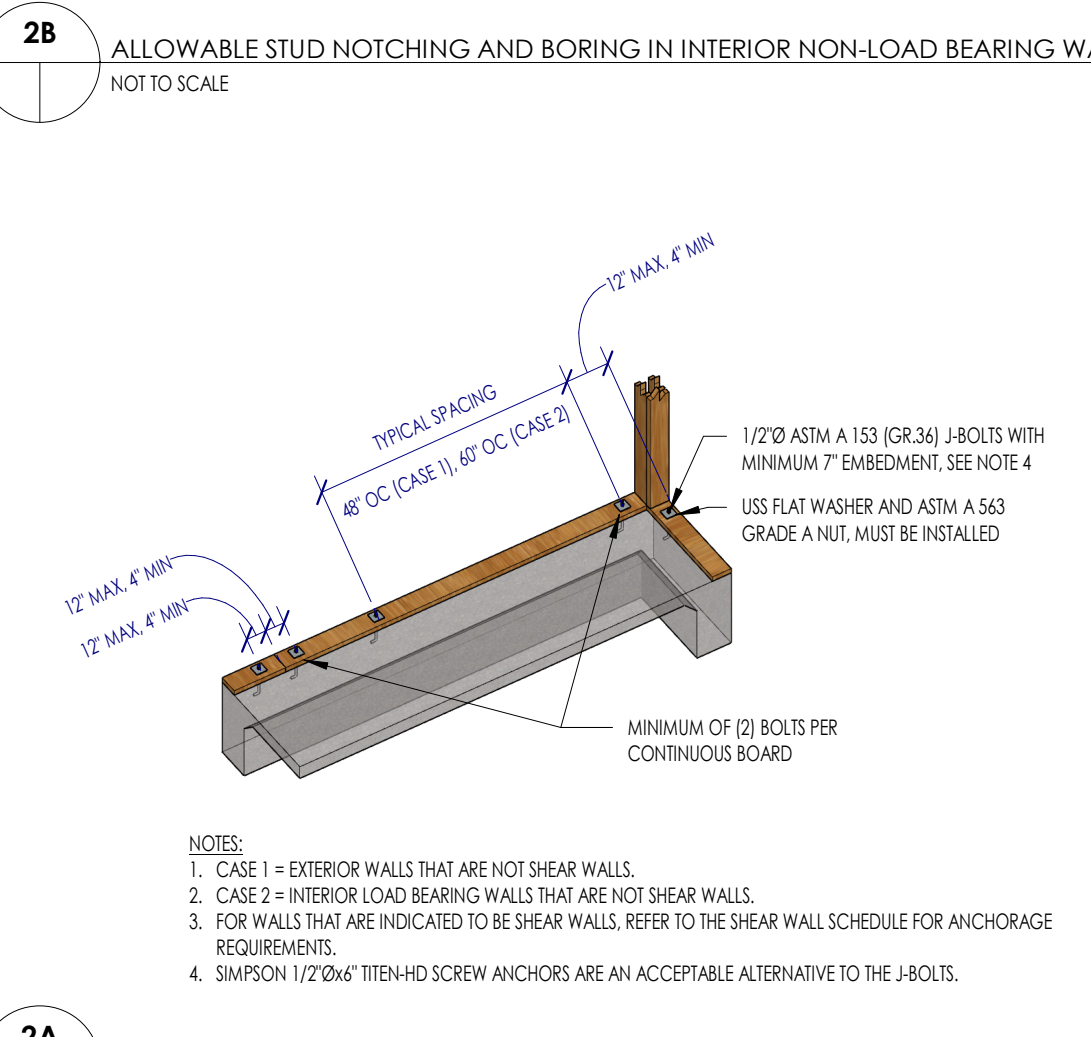
5B TYPICAL INTERIOR OPENING FRAMING  
NOT TO SCALE



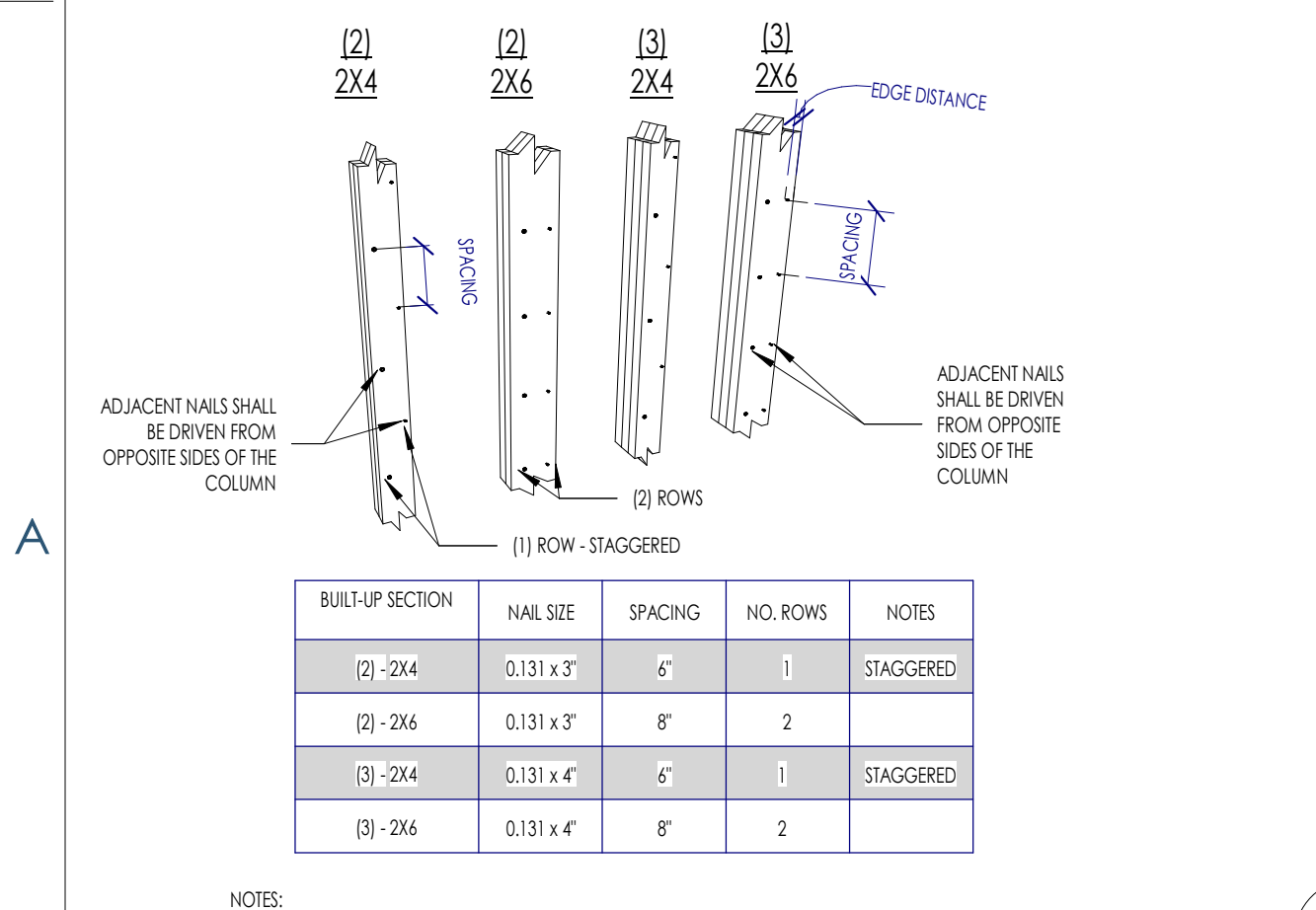
4A TYPICAL CORNER AND INTERSECTION WALL STUDS [NOT AT SHEAR WALL]  
NOT TO SCALE



3A TYPICAL LOAD BEARING / SHEAR WALL DOUBLE TOP PLATE SPLICE  
NOT TO SCALE



2A TYPICAL BOTTOM PLATE ANCHORAGE  
NOT TO SCALE



6A MECHANICALLY LAMINATED BUILT-UP COLUMN (STUD PACK) - NAILED  
NOT TO SCALE







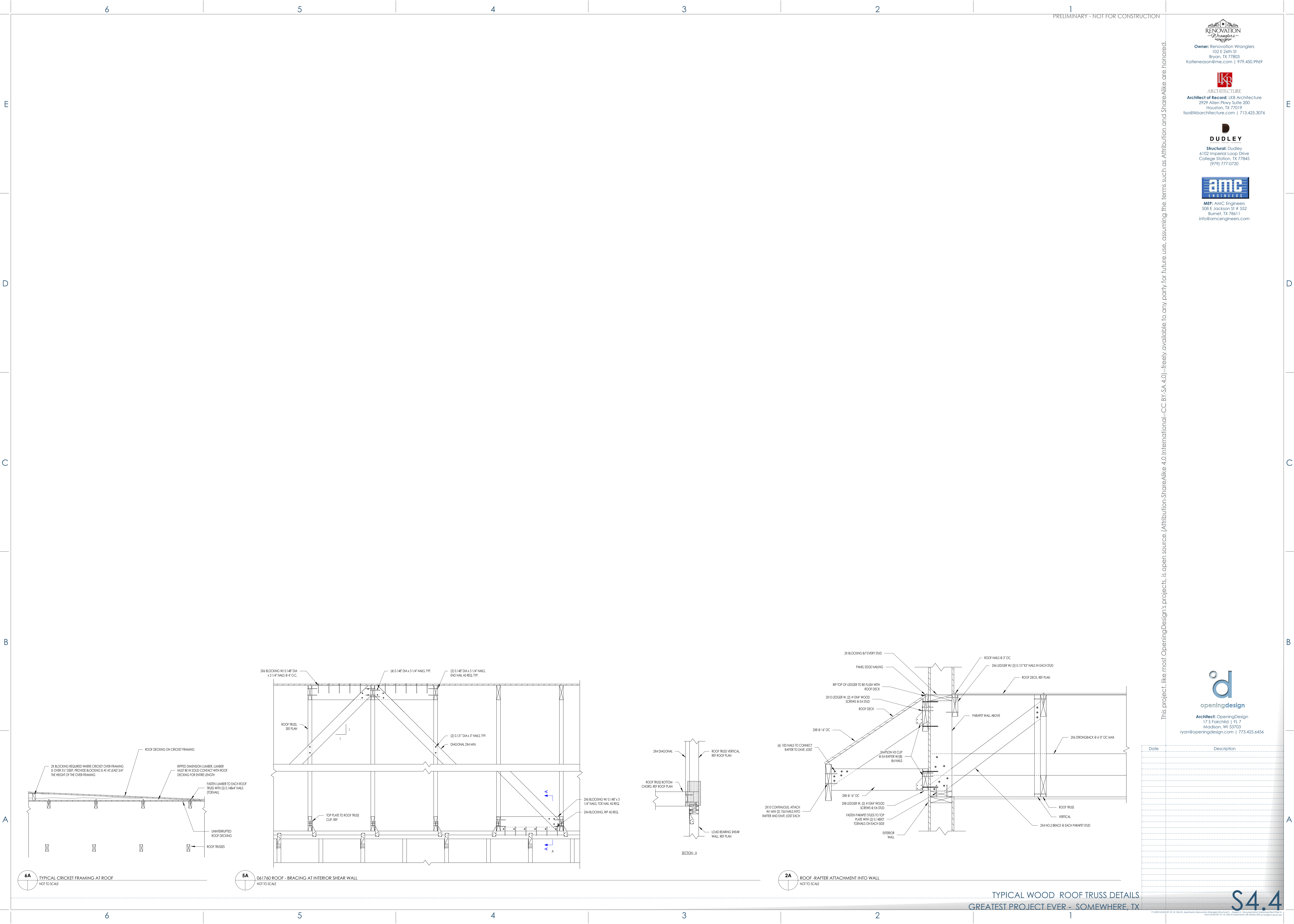
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**RENOVATION Wranglers**  
 Owner: Renovation Wranglers  
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**LKB ARCHITECTURE**  
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 isa@lkbarchitecture.com | 713.425.3076

**DUDLEY**  
 Structural: Dudley  
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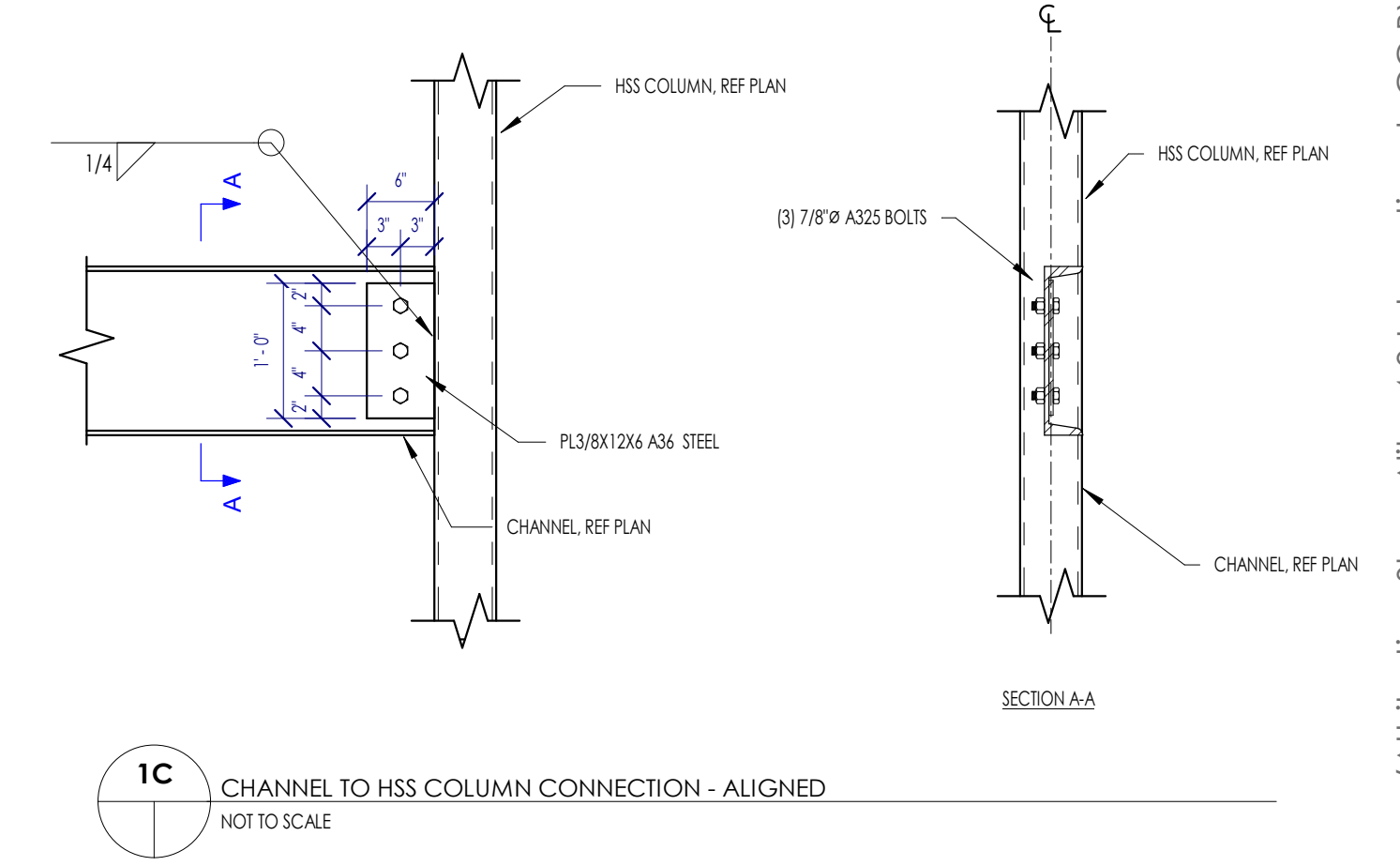
**amc ENGINEERS**  
 MEP: AMC Engineers  
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 Burnet, TX 78611  
 info@amcengineers.com



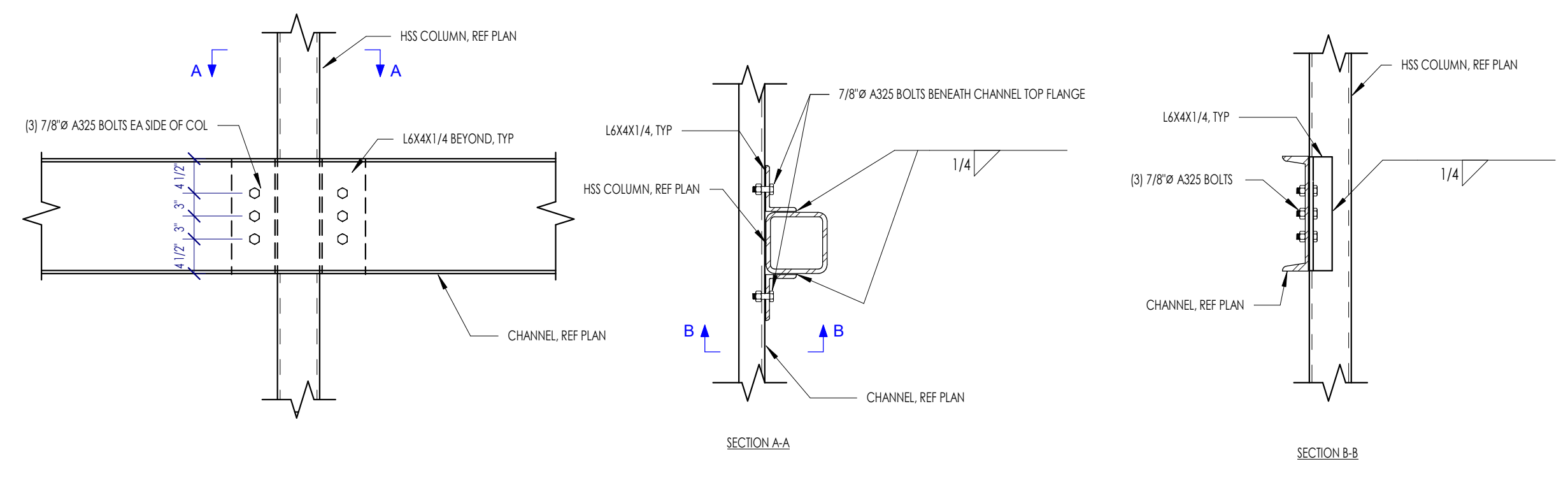
TYPICAL WOOD ROOF TRUSS DETAILS  
 GREATEST PROJECT EVER - SOMEWHERE, TX

Date	Description

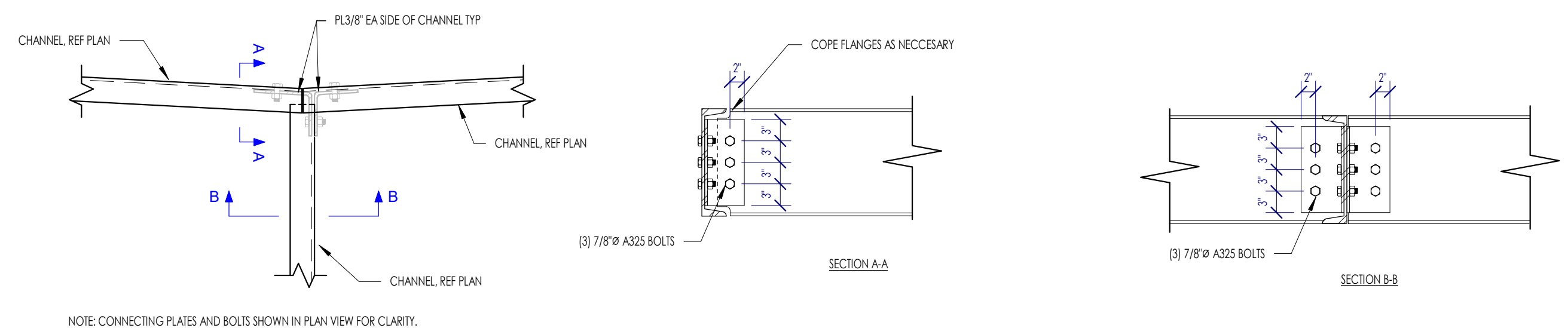
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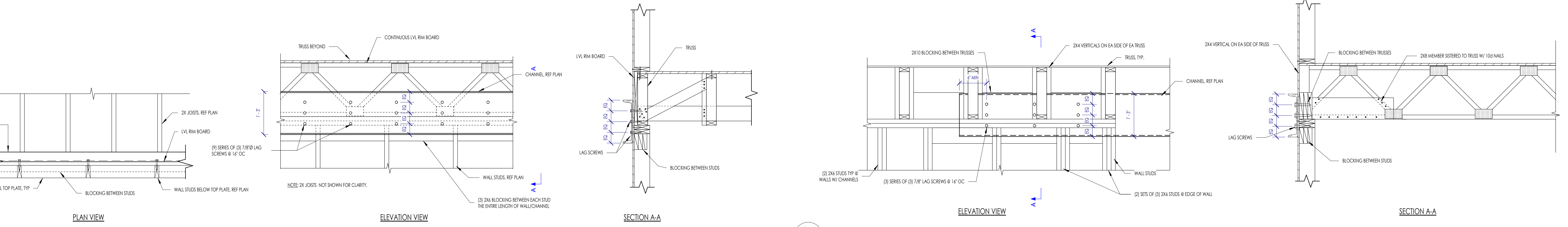
1C CHANNEL TO HSS COLUMN CONNECTION - ALIGNED  
NOT TO SCALE



3B CHANNEL TO HSS COLUMN CONNECTION - ECCENTRIC  
NOT TO SCALE



6B TYPICAL CHANNEL CONNECTION AT BALCONY  
NOT TO SCALE



6A TYPICAL CHANNEL TO WALL STUD CONNECTION  
NOT TO SCALE

6A TYPICAL CHANNEL TO WALL STUD CONNECTION  
NOT TO SCALE

Date	Description

6

5

4

3

2

1

E

D

C

B

A

6

5

4

3

2

1

E

D

C

B

A