



STRUCTURAL STATEMENT OF SPECIAL INSPECTIONS & TESTING

- 1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY AN INDEPENDENT AGENCY EMPLOYED BY THE OWNER FOR THE ITEMS IDENTIFIED IN THIS SECTION AND IN OTHER AREAS OF THE APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS...
2. THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL FOR APPROVAL...
3. DATES OF THE SPECIAL INSPECTION...
4. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR...

WIND-RESISTING COMPONENTS (1703.1.1.3)

- 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

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: AFTER BUILDING CONSTRUCTION AND UNOCCUPANCY HAVE BEEN COMPLETED, GRADES SHALL BE VERIFIED TO DOCUMENT REQUIRED DRAINAGE; AFTER BUILDING CONSTRUCTION AND UNOCCUPANCY HAVE BEEN COMPLETED, DOWNPOUTS SHALL BE INSPECTED TO CONFIRM CONFORMANCE; GRADES AROUND THE STRUCTURE SHALL BE PERIODICALLY INSPECTED AND ADJUSTED AS PART OF THE BUILDING'S MAINTENANCE PROGRAM; PLUMBING LEAK 'HYDROSTATIC' TEST PERFORMED BY A LICENSED PLUMBER, TEST TO OCCUR AFTER ROUGH PLUMBING INSTALL; WHERE PAVING/FLATWORK ABOUT THE FOUNDATION, A MAINTENANCE PROGRAM SHALL BE ESTABLISHED TO EFFECTIVELY SEAL AND MAINTAIN JOINTS AND PREVENT SURFACE WATER INFILTRATION.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY; VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIALS; PERFORM CLASSIFICATION AND TESTING OF COMPACTED MATERIALS; VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL; PRIOR TO PLACE/DEPTH OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THE SITE HAS BEEN PREPARED PROPERLY.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: PREFABRICATED WOOD STRUCTURAL ELEMENTS (METAL PLATE CONNECTED WOOD TRUSSES FABRICATION AND INSTALLATION PROCEDURES) NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION; HIGH-LOAD DIAPHRAGMS; METAL-PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FT OR GREATER; INSPECTION OF NAILING, BOLTING, ANCHORING AND OTHER FASTENING COMPONENTS WITHIN THE SEISMIC / MAIN WIND FORCE RESISTING SYSTEM; MOISTURE CONTENT OF LOAD BEARING WOOD FRAMING.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: INSPECTION TASKS PRIOR TO WELDING (ASCC 300 TABLE N6.4-1); INSPECTION TASKS DURING WELDING (ASCC 300 TABLE N6.4-2); WPS FOLLOWED; WELDS CLEANED; WELDS MEET VISUAL ACCEPTANCE CRITERIA.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: WELDS CLEANED; WELDS MEET VISUAL ACCEPTANCE CRITERIA; AWC STRIKES; I-W AREA; REPAIR ACTIVITIES; DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT MEMBER.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: WELDS MEET VISUAL ACCEPTANCE CRITERIA; AWC STRIKES; I-W AREA; REPAIR ACTIVITIES; DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT MEMBER.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: NON-DESTRUCTIVE TESTING OF WELDED JOINTS; FILLET WELDS; PARTIAL JOINT PENETRATION (PJP) WELDS INCLUDING FLARE BEVEL WELDS; COMPLETE JOINT PENETRATION (CJP) WELDS.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: STRUCTURAL STEEL HIGH-STRENGTH BOLTS (TURN-OF-NUT); TABLE B.2: NUT ROTATION FROM SNUG-TIGHT CONDITION FOR TURN-OF-NUT PRETENSIONING; TABLE B.2: NUT ROTATION FROM SNUG-TIGHT CONDITION FOR TURN-OF-NUT PRETENSIONING.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING; DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS DURING BOLTING; DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

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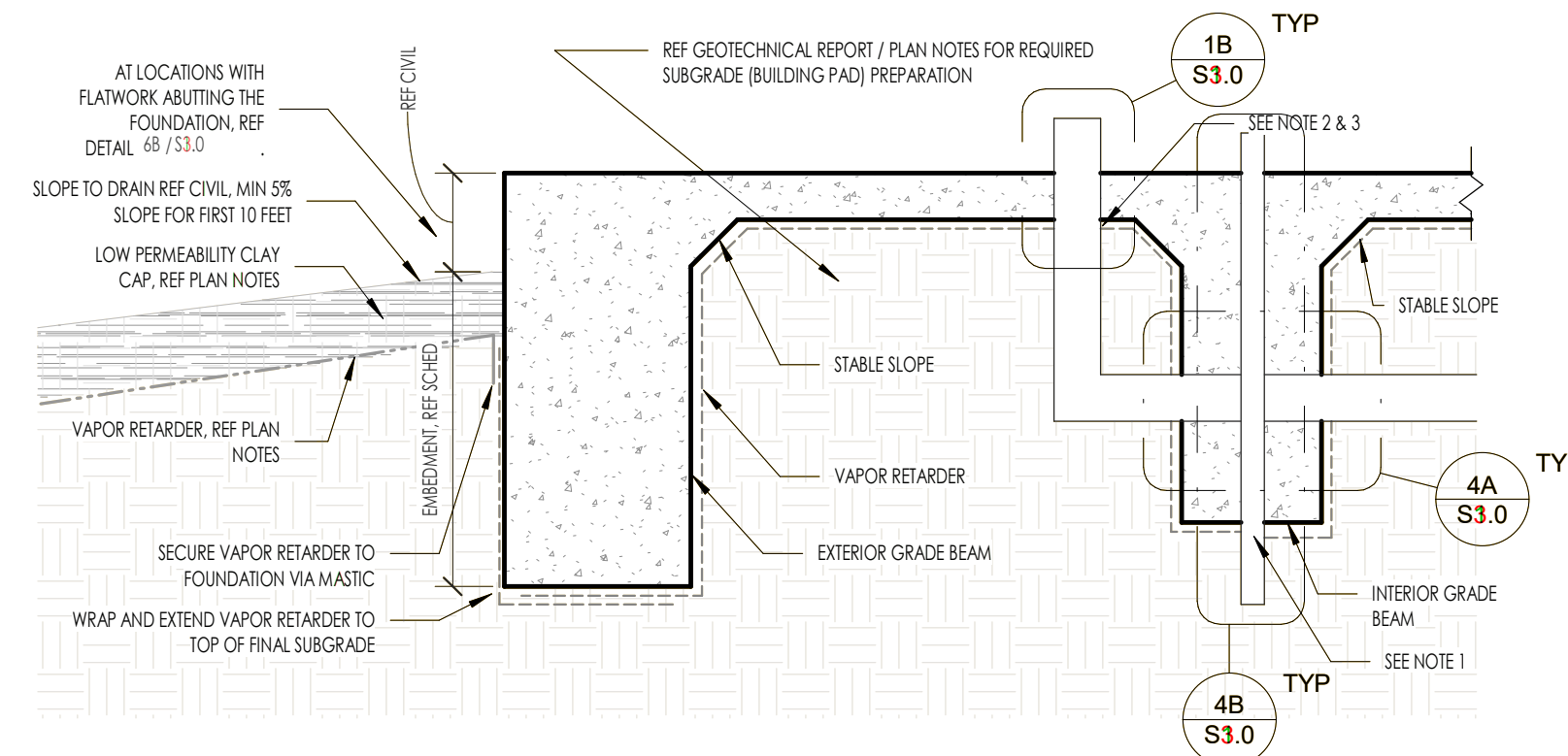
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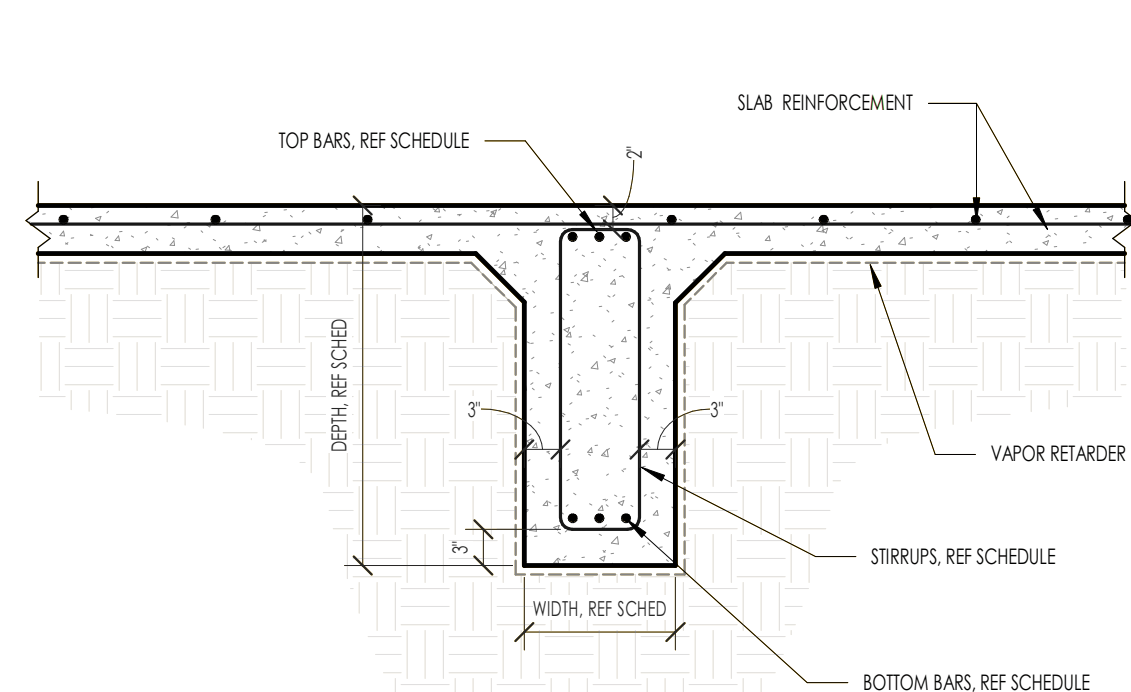
Architect: OpeningDesign
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Table with 2 columns: Date, Description. Multiple empty rows for recording inspection dates and descriptions.

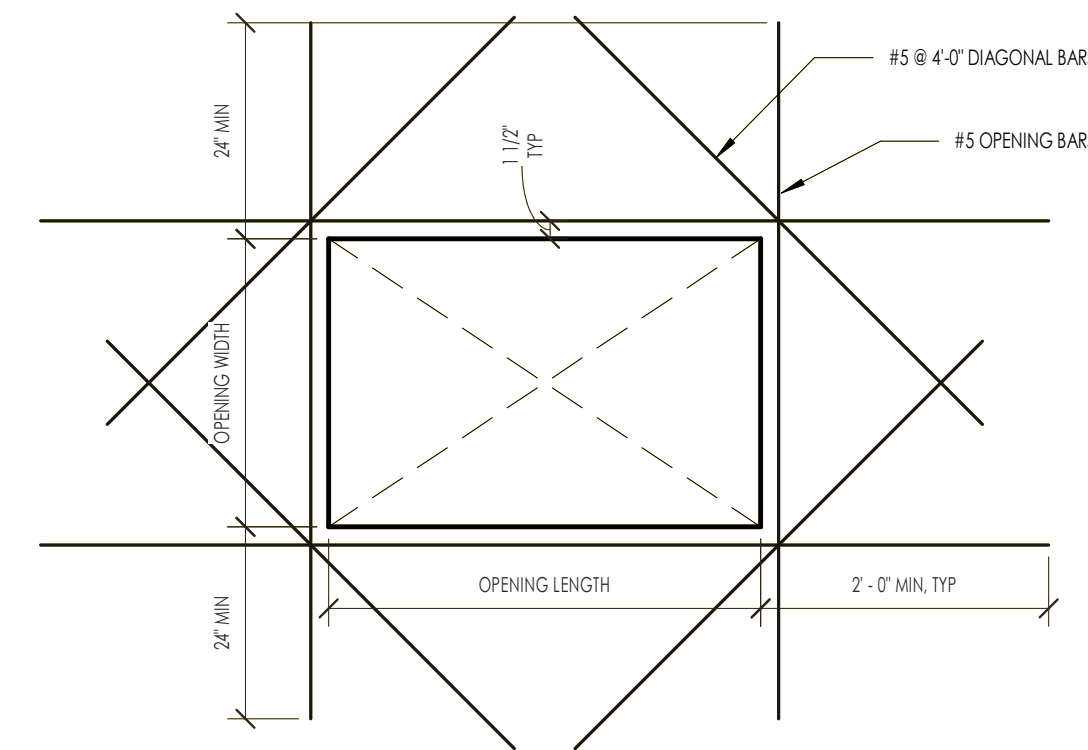
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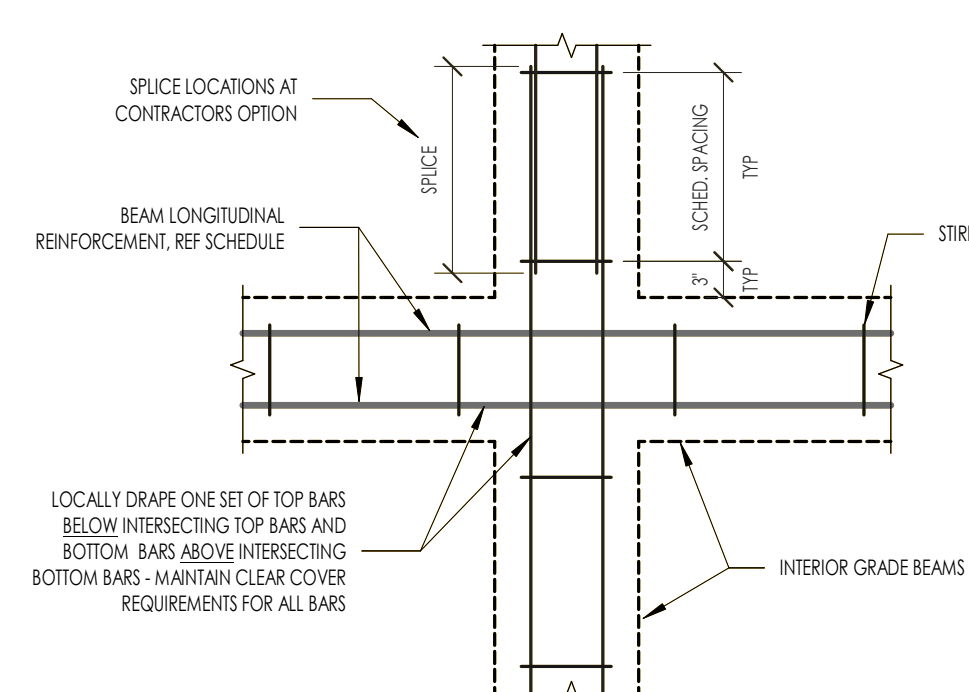
1B TYPICAL SUBGRADE AND VAPOR RETARDER PREPARATION  
NOT TO SCALE



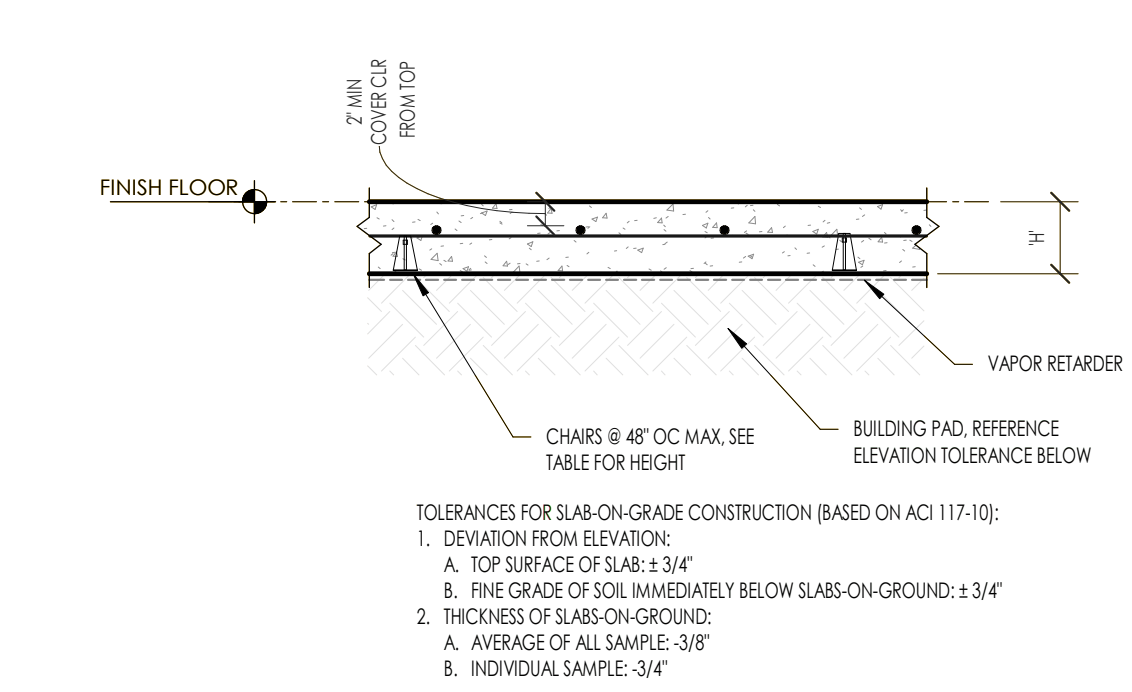
2D TYPICAL INTERIOR GRADE BEAM  
NOT TO SCALE



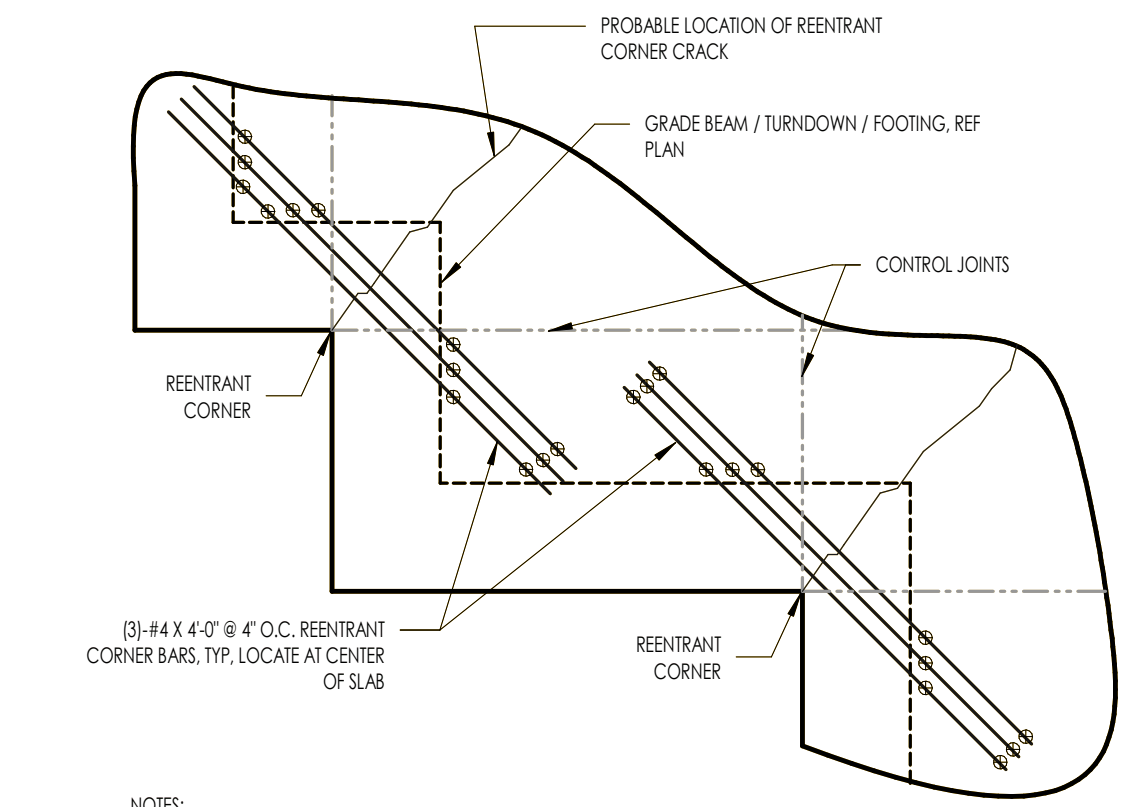
1D TYPICAL REINFORCEMENT AT SLAB BLOCKOUT  
NOT TO SCALE



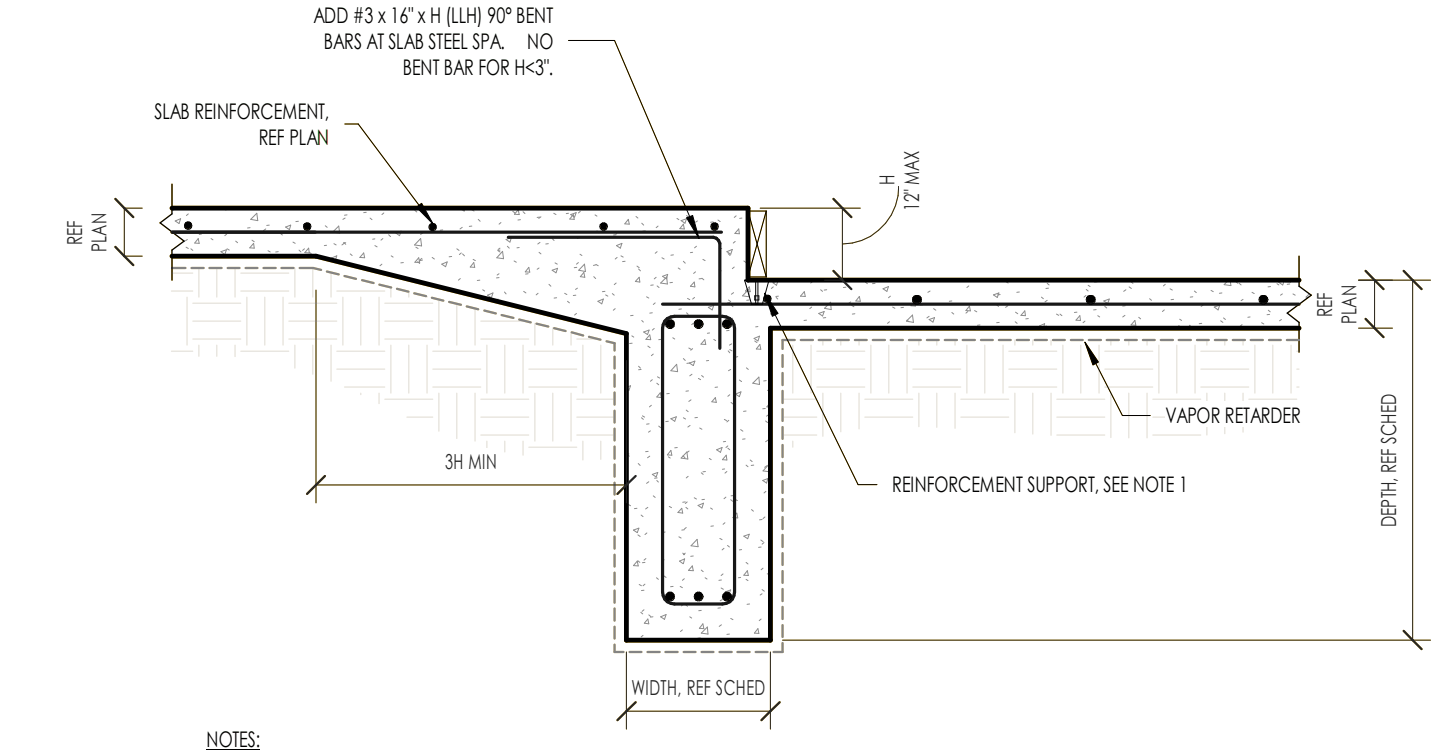
6C TYPICAL INTERIOR BEAM INTERSECTION  
NOT TO SCALE



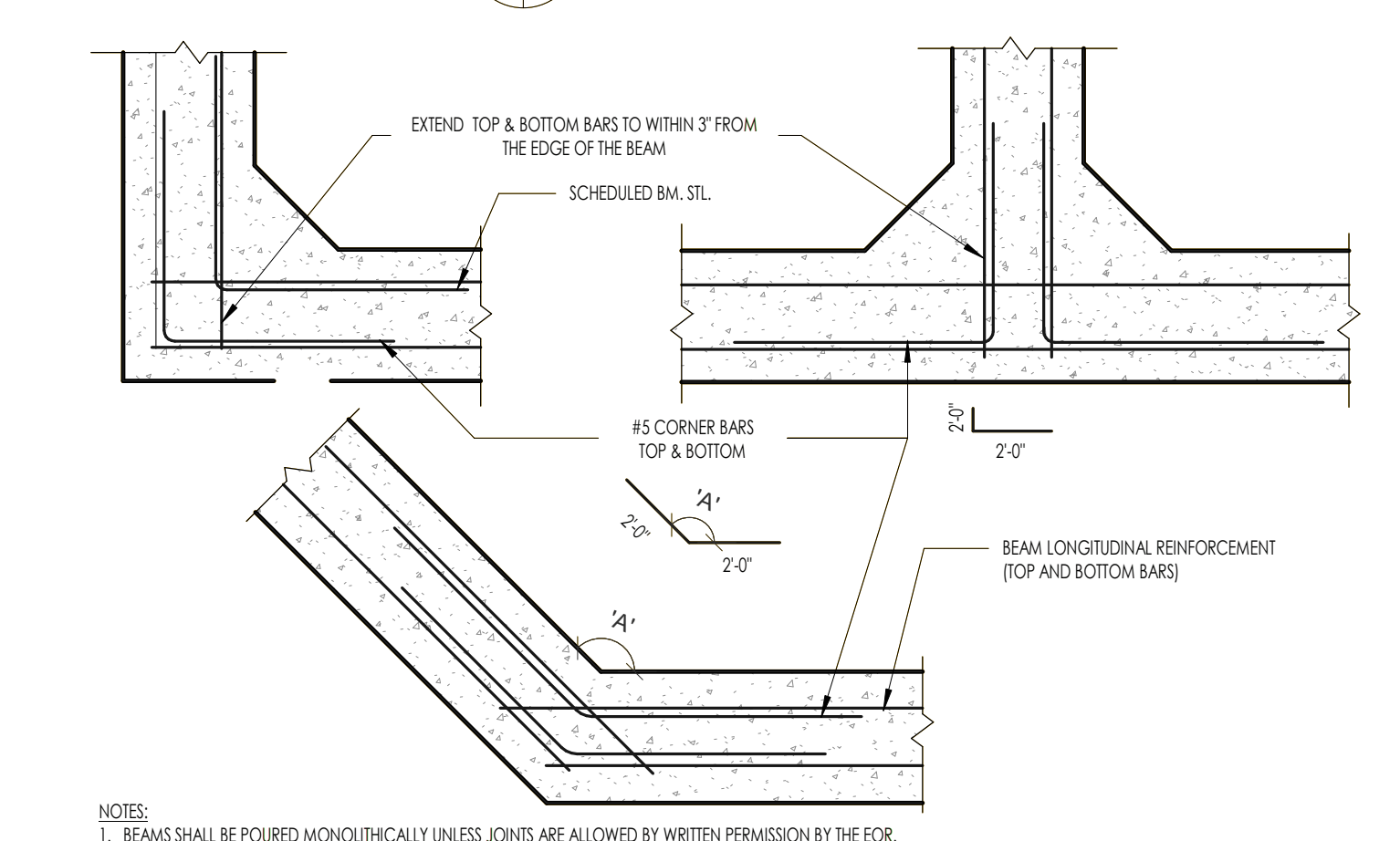
5C TYPICAL SLAB-ON-GRADE SECTION  
NOT TO SCALE



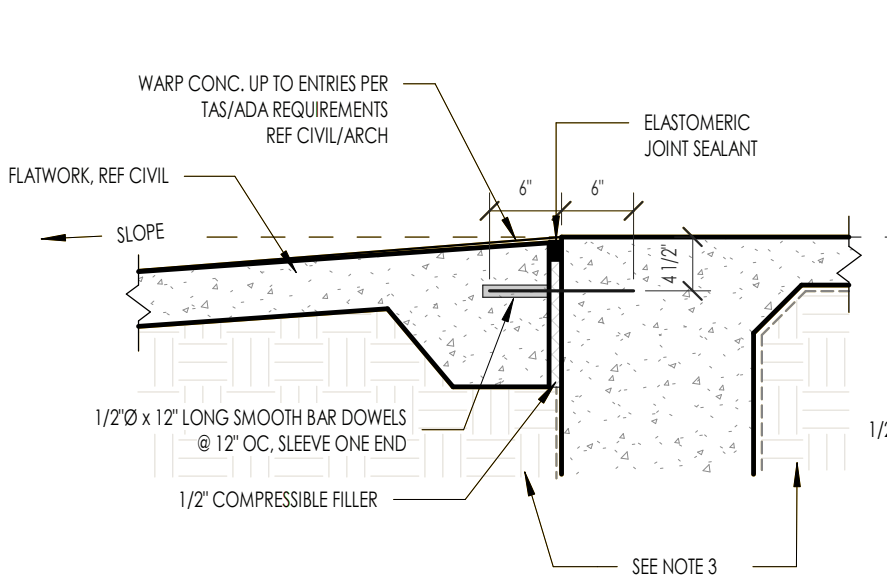
4C TYPICAL REENRANT CORNER BARS  
NOT TO SCALE



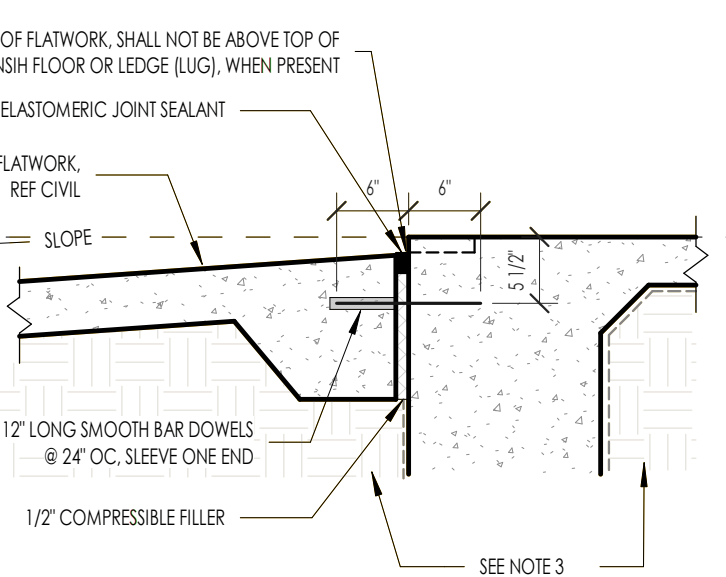
3C TYPICAL SLAB DROP AT GRADE BEAM  
NOT TO SCALE



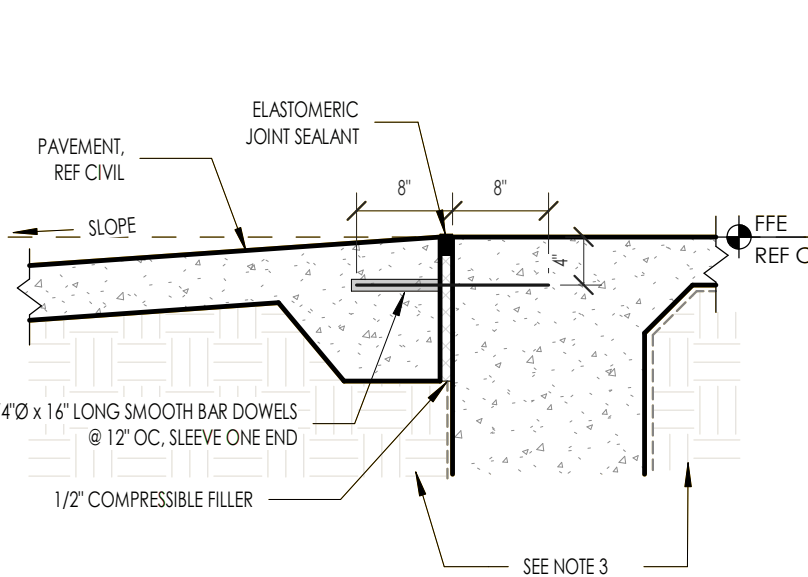
1C TYPICAL CORNER BARS  
NOT TO SCALE



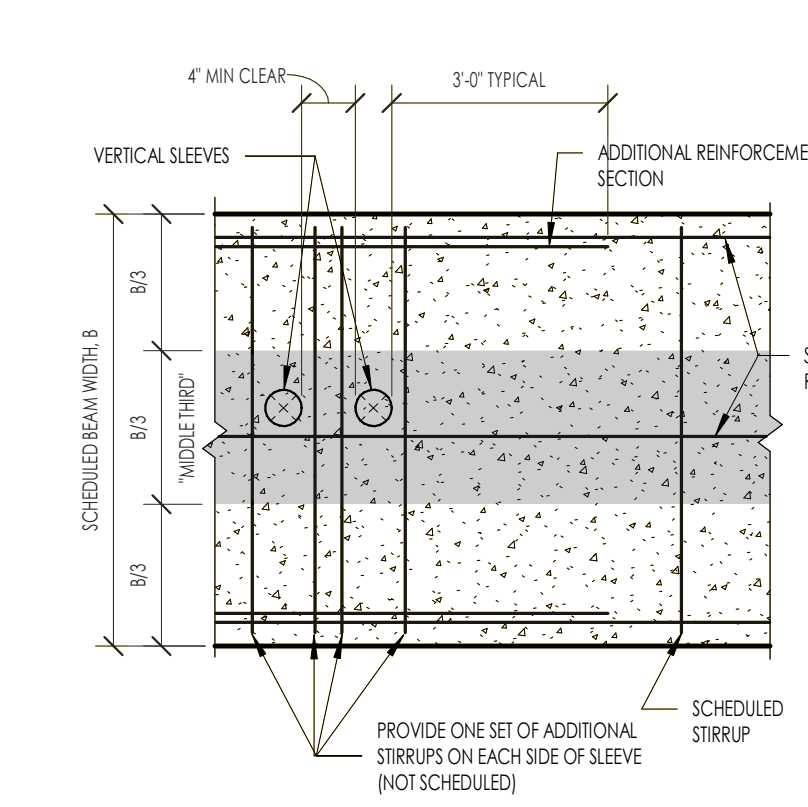
FLATWORK AT ENTRY DOOR



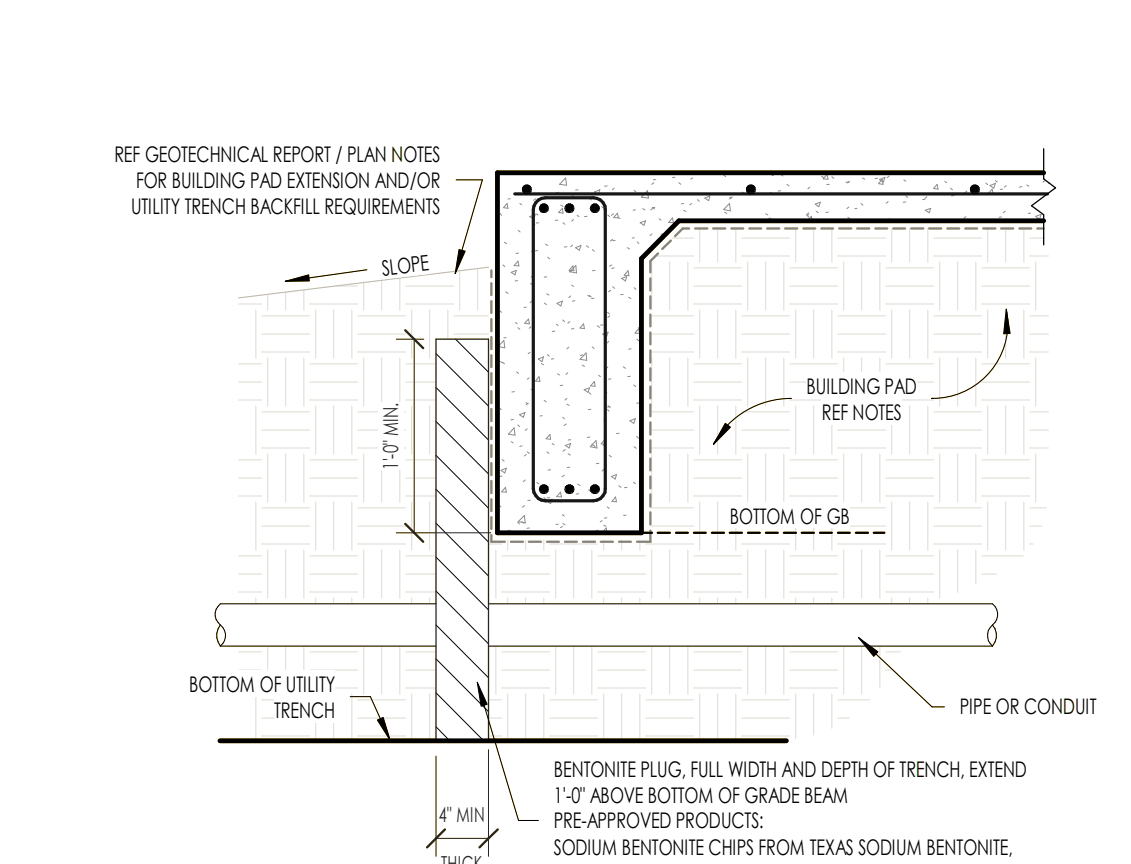
FLATWORK NOT AT ENTRY DOOR



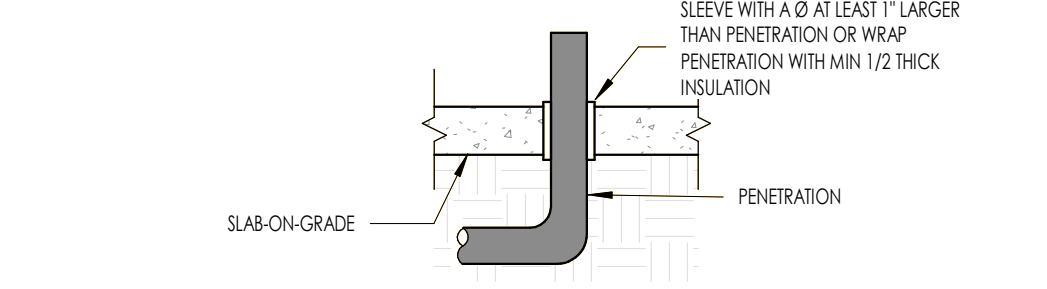
AT PAVEMENT (DRIVE-IN)



4B TYPICAL VERTICAL PENETRATION IN GRADE BEAM  
NOT TO SCALE



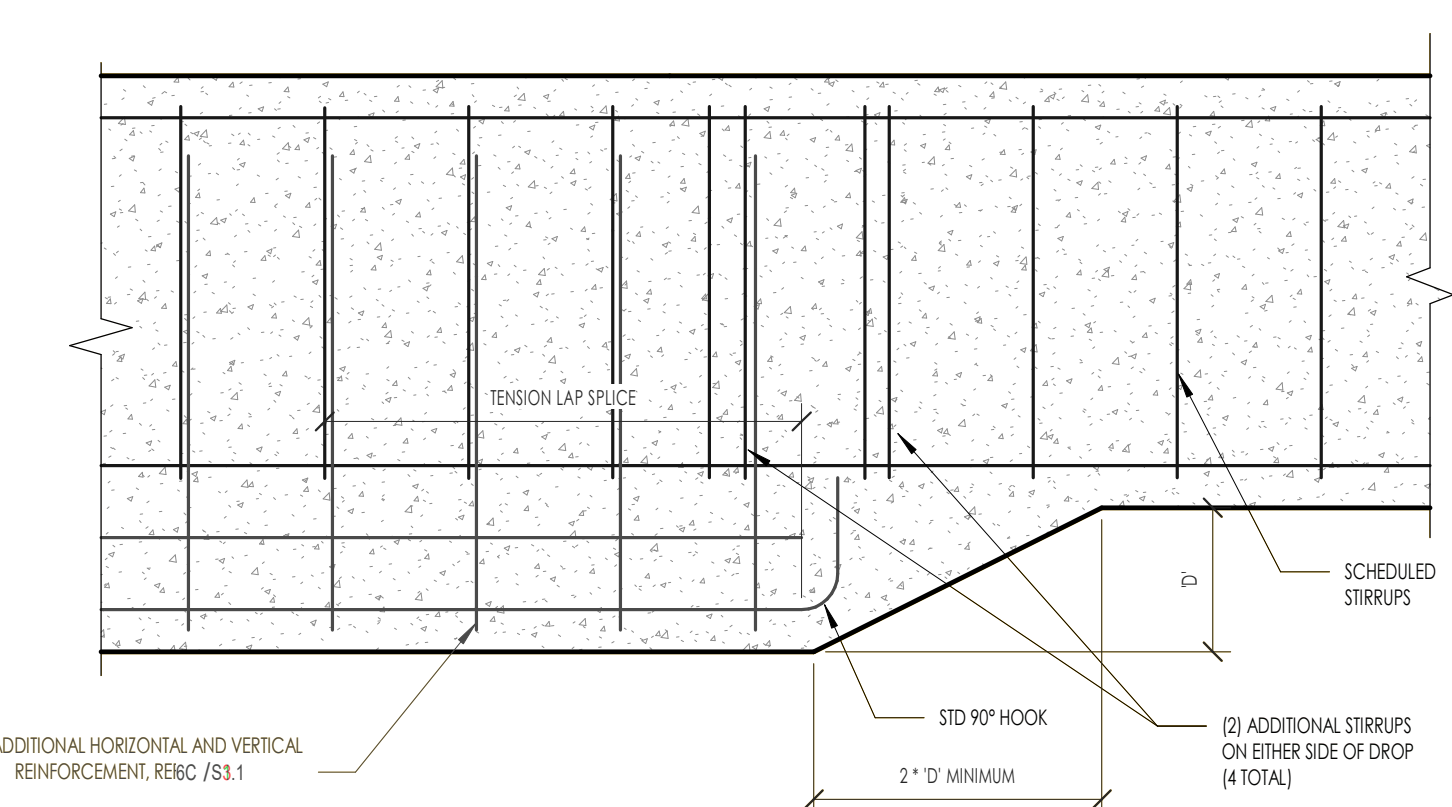
2B TYPICAL UTILITY TRENCH UNDER BUILDING PAD BENTONITE PLUG AT EXTERIOR BEAM.  
NOT TO SCALE



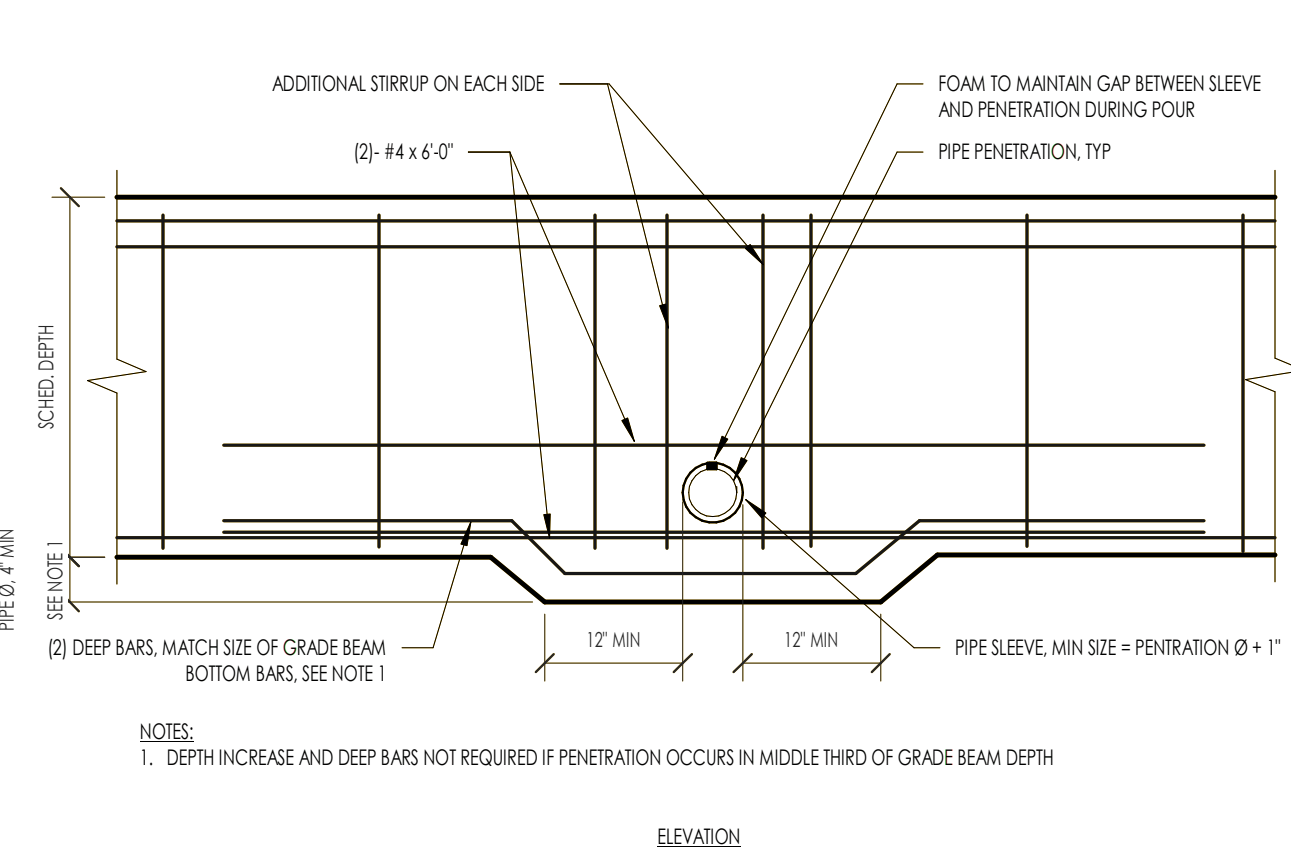
1B VERTICAL PENETRATION THROUGH SLAB-ON-GRADE  
NOT TO SCALE

NOTES:  
1. CONTRACTOR TO SUBMIT TO OWNER, ARCHITECT AND ENGINEER THE PRODUCT DATA FOR THE ELASTOMERIC JOINT SEALANT WHICH MUST INCLUDE A RECOMMENDED MAINTENANCE PROGRAM FOR THE SEALANT.  
2. REFERENCE ARCHITECTURE / CIVIL FOR ADA REQUIREMENTS, TOP OF FLATWORK / PAVEMENT.  
3. BUILDING PAD SUBGRADE IMPROVEMENT TO CONTINUE FOR A MINIMUM OF 3' OUTSIDE THE FOUNDATION UNDER FLATWORK / PAVEMENT

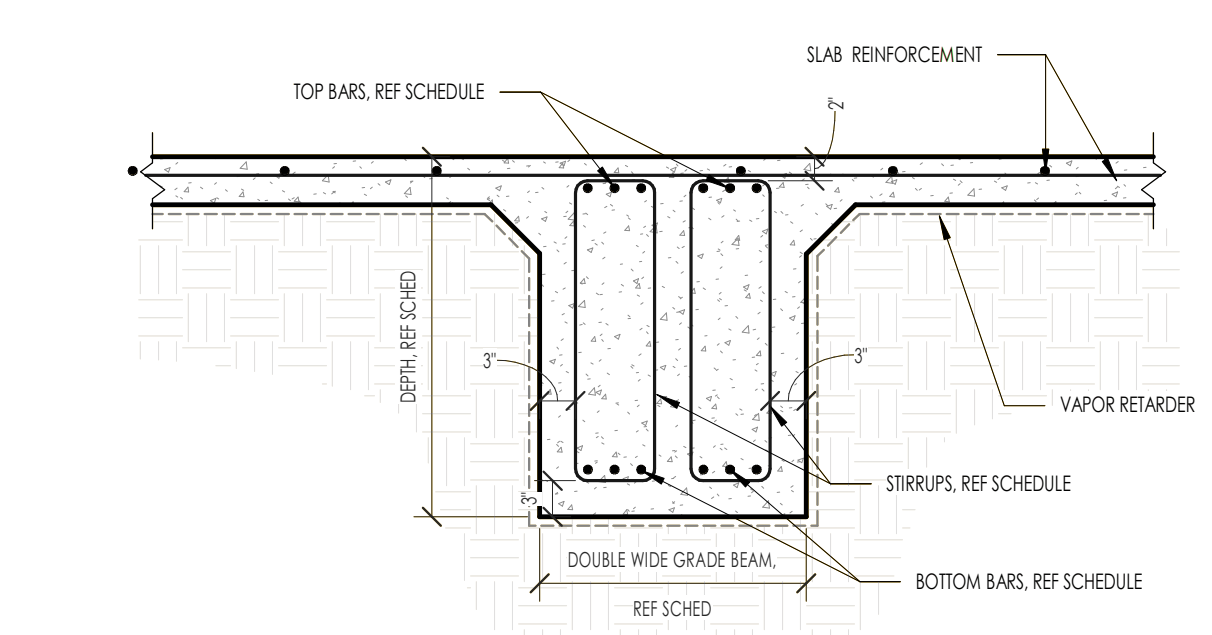
6B TYPICAL FLATWORK/PAVEMENT DOWELS AT BUILDING  
NOT TO SCALE



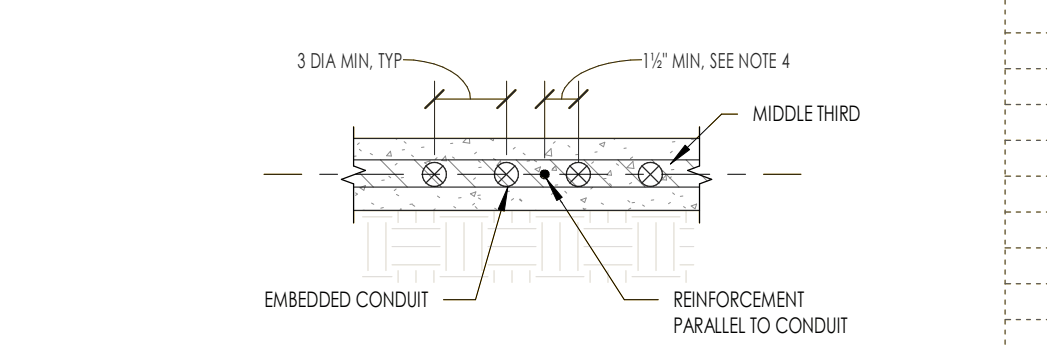
6A TYPICAL DROP TRANSITION IN GRADE BEAM - VERTICAL MOISTURE BARRIER  
NOT TO SCALE



4A TYPICAL HORIZONTAL PENETRATION IN BEAM  
NOT TO SCALE

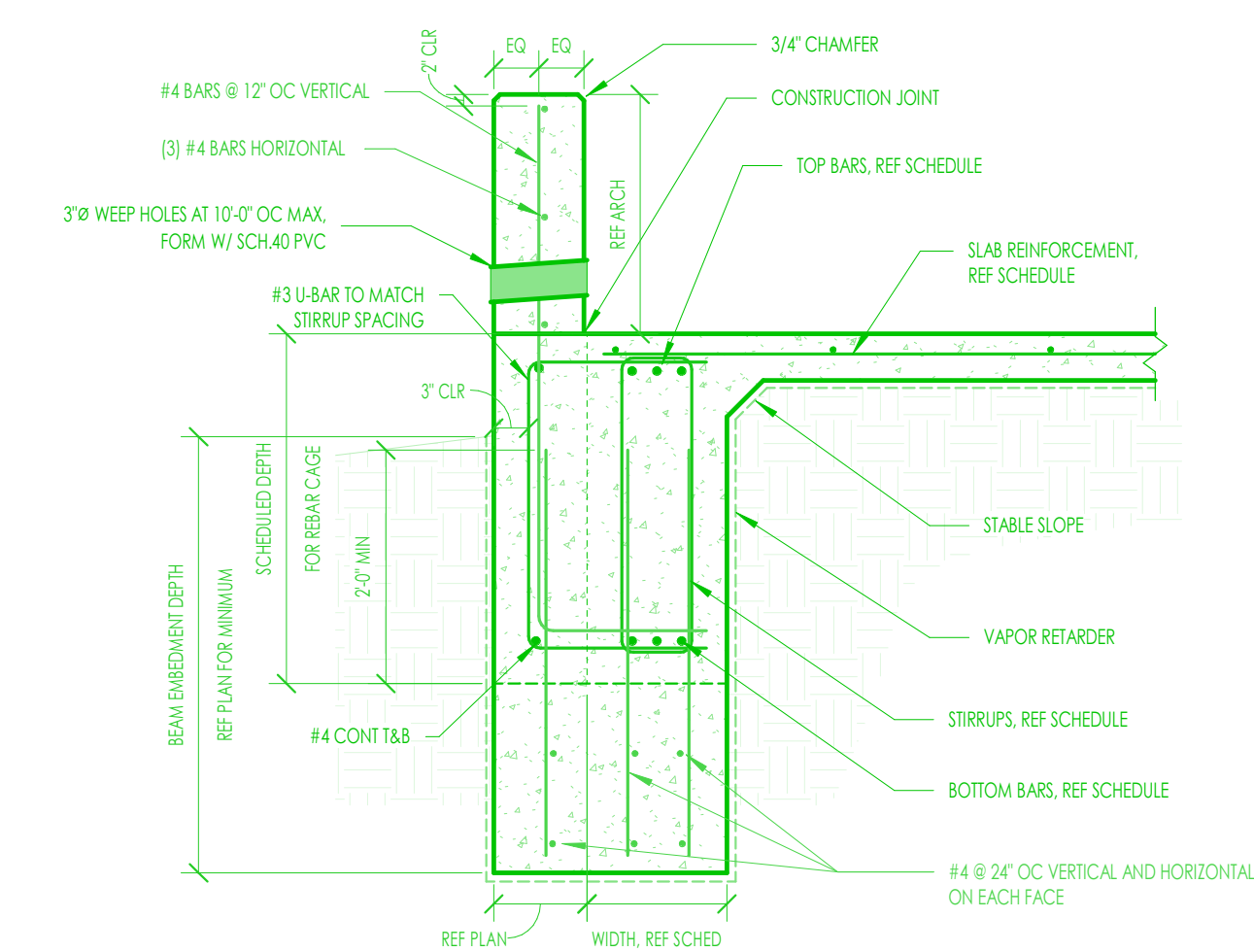


2A TYPICAL DOUBLE WIDE INTERIOR GRADE BEAM  
NOT TO SCALE

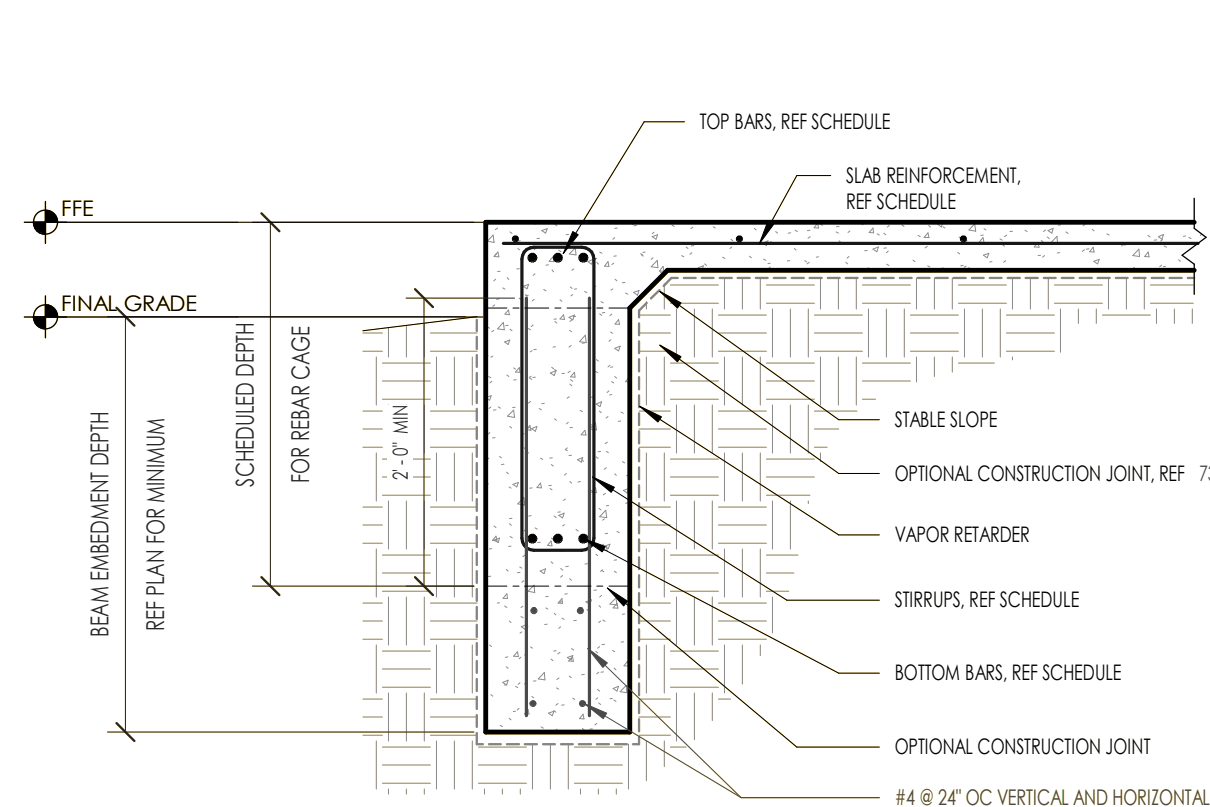


1A TYPICAL CONDUITS EMBEDDED IN SLAB-ON-GRADE  
NOT TO SCALE

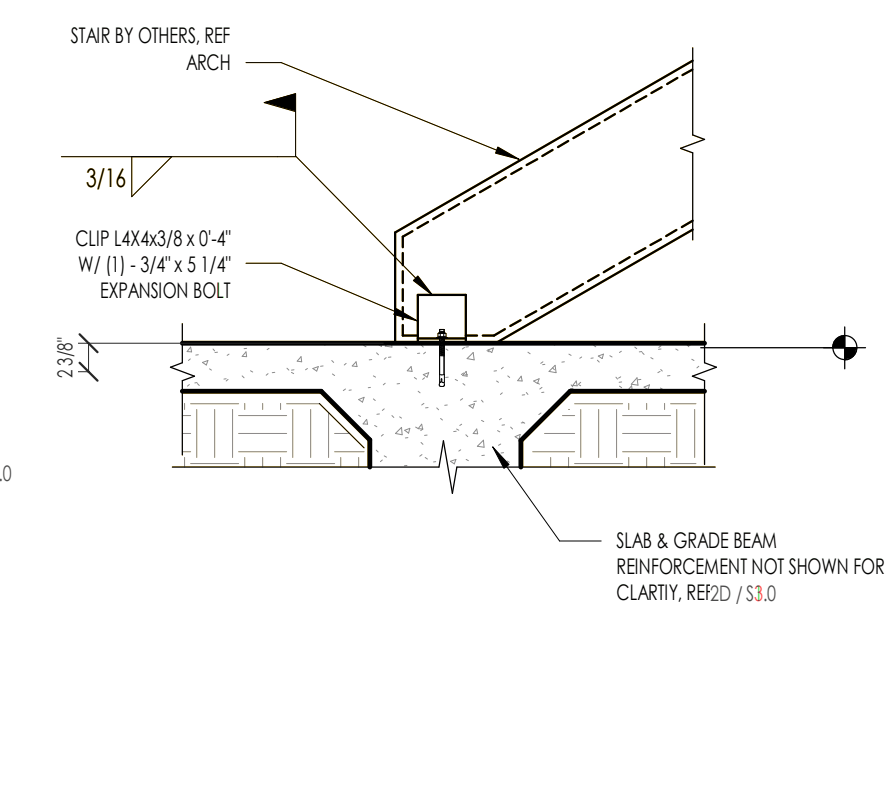
Date	Description
	REV. 1



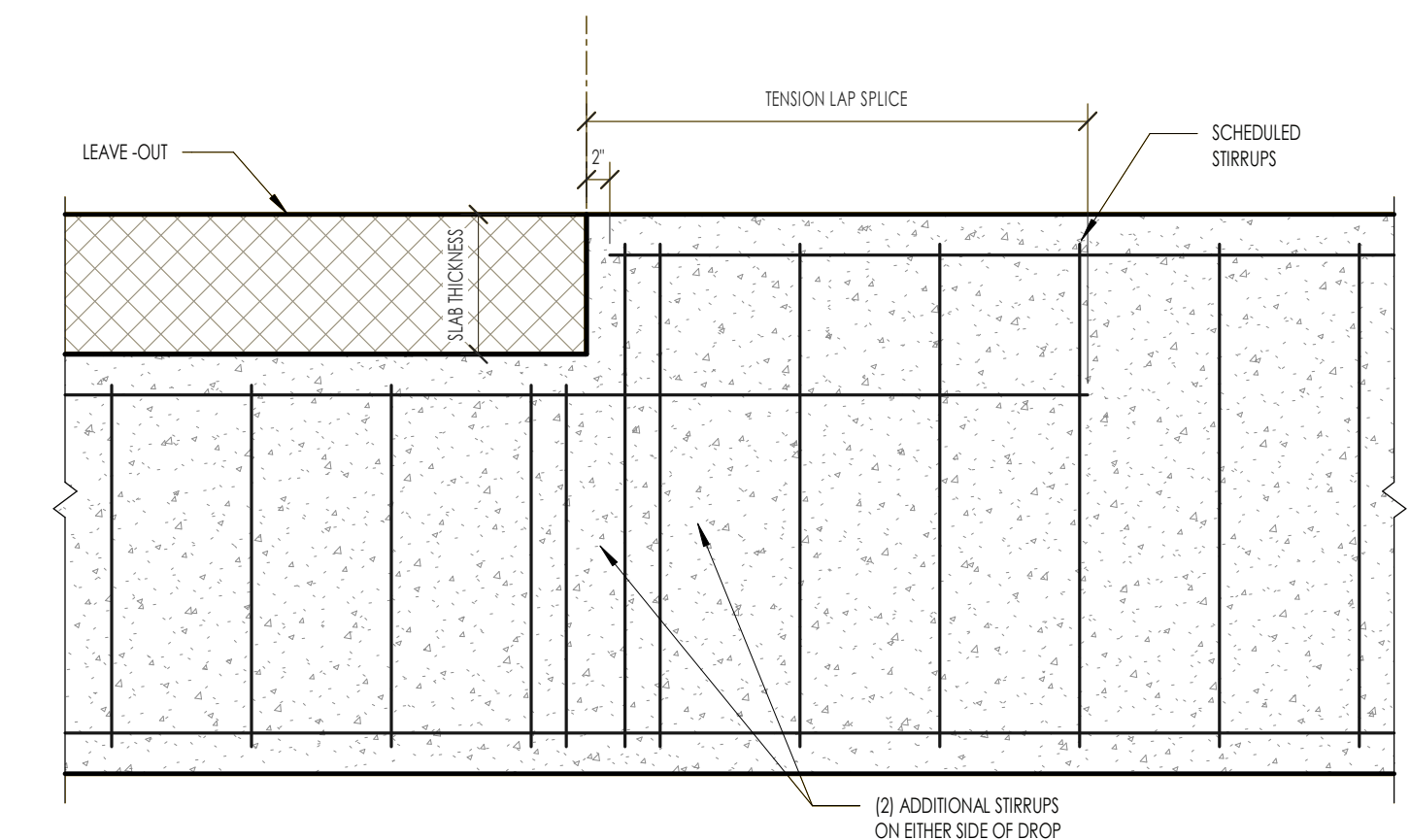
1D TYPICAL EXTERIOR WIDENED GRADE BEAM AT CURB - VERTICAL MOISTURE BARRIER  
 NOT TO SCALE



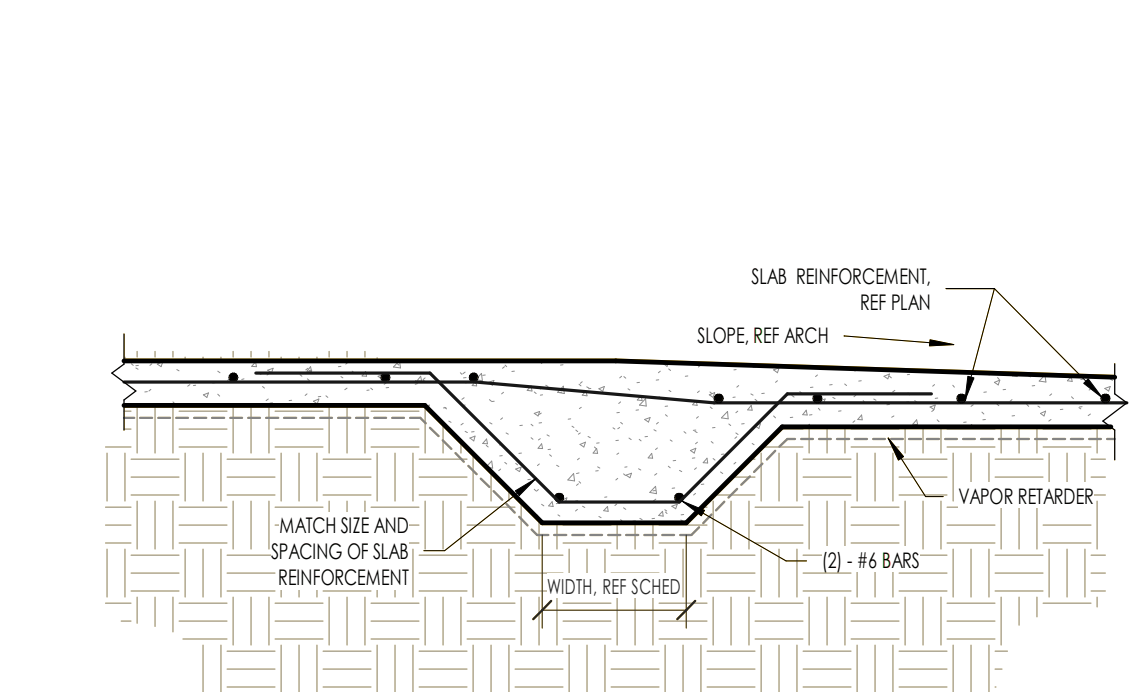
4C TYPICAL EXTERIOR GRADE BEAM - VERTICAL MOISTURE BARRIER  
 NOT TO SCALE



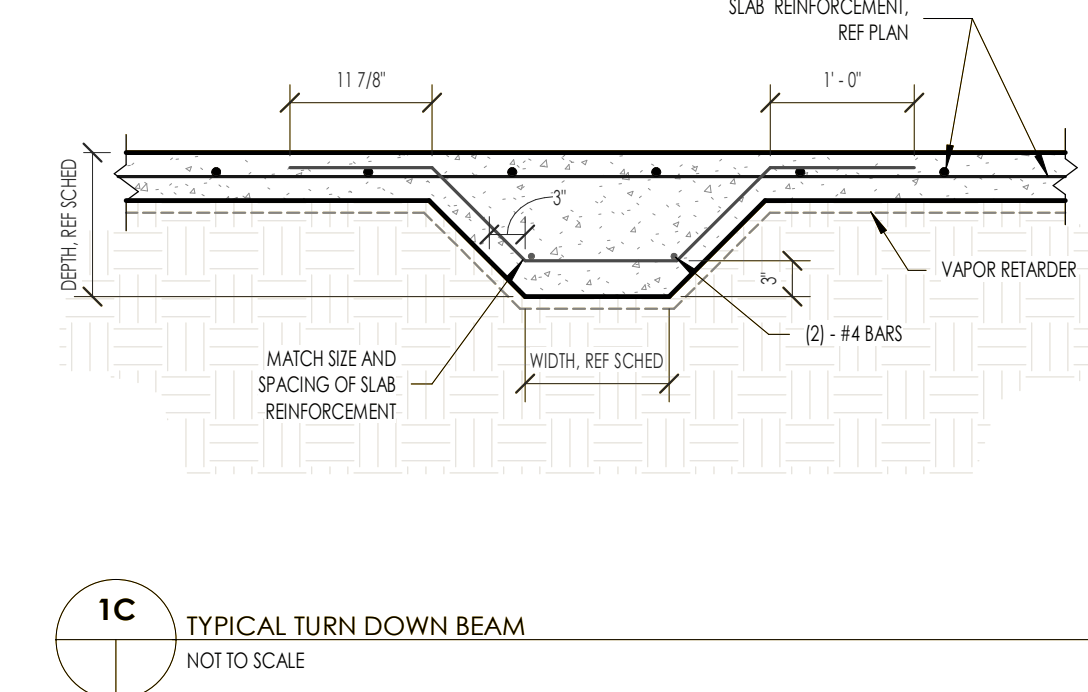
5C TYPICAL GRADE BEAM AT STEEL STAIRS  
 NOT TO SCALE



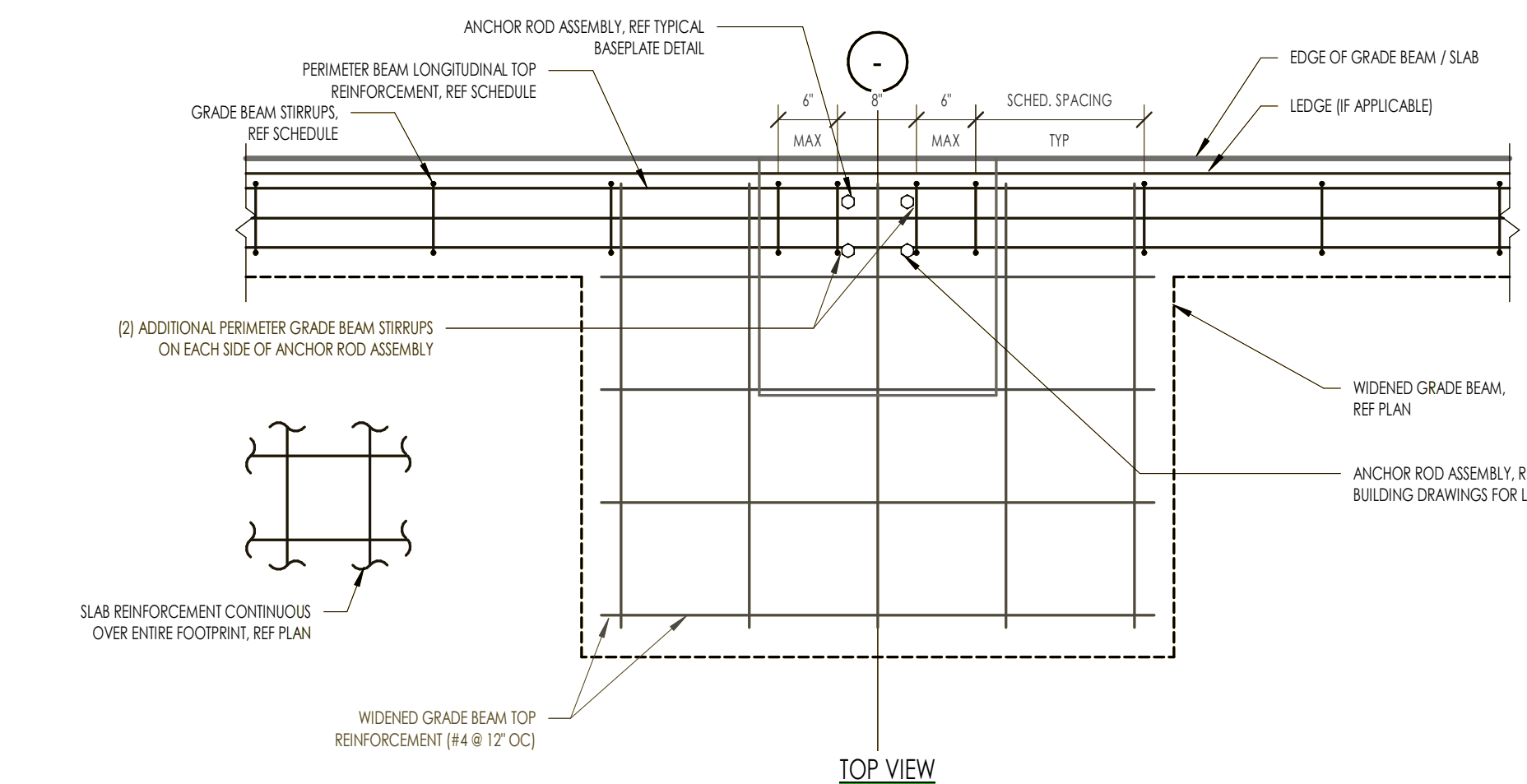
4C TYPICAL DROP TRANSITION IN GRADE BEAM TOP REINFORCEMENT AT SLAB LEAVE-OUT  
 NOT TO SCALE



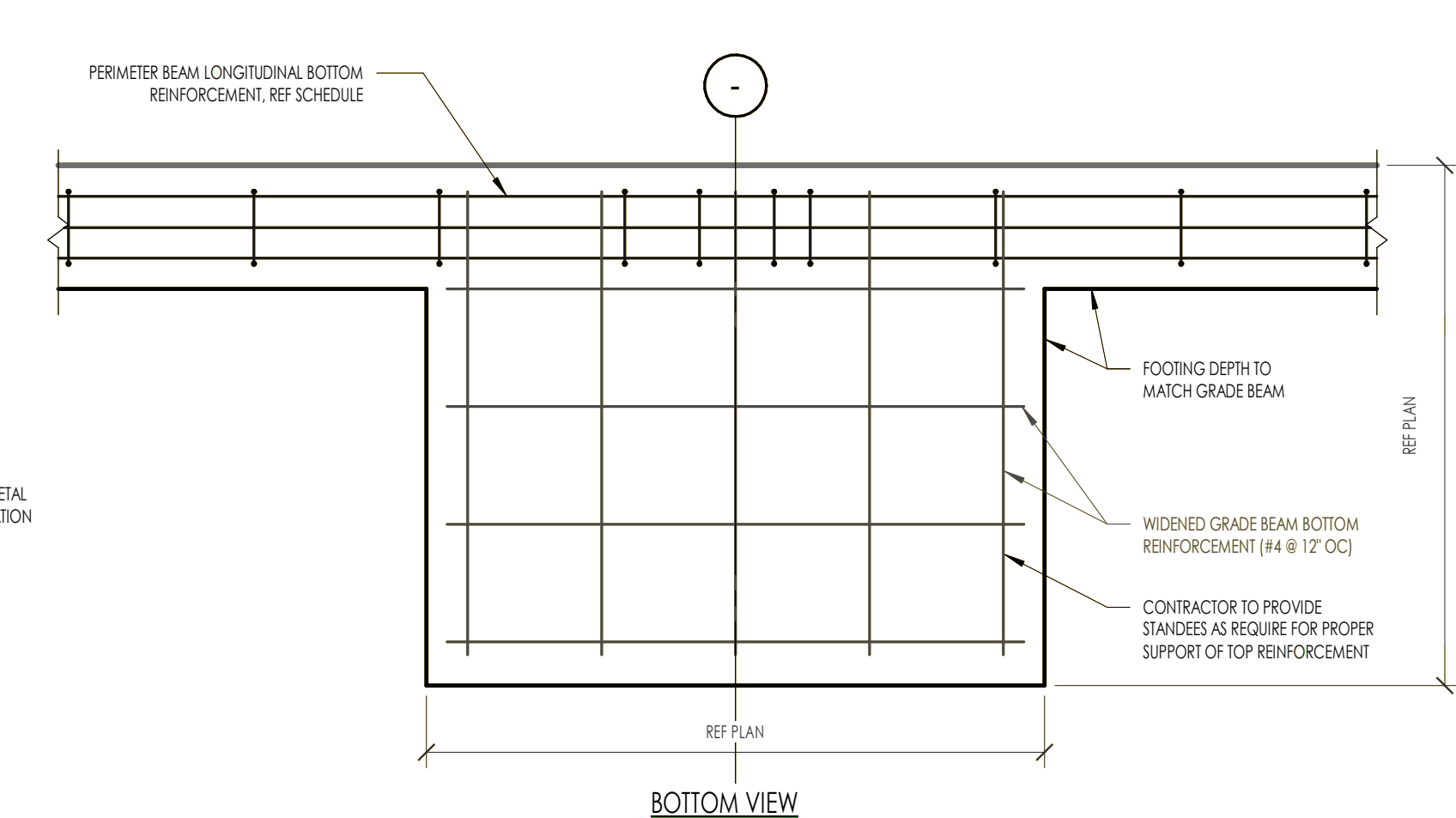
2C CSOG - TURN DOWN AT SLAB DROP  
 NOT TO SCALE



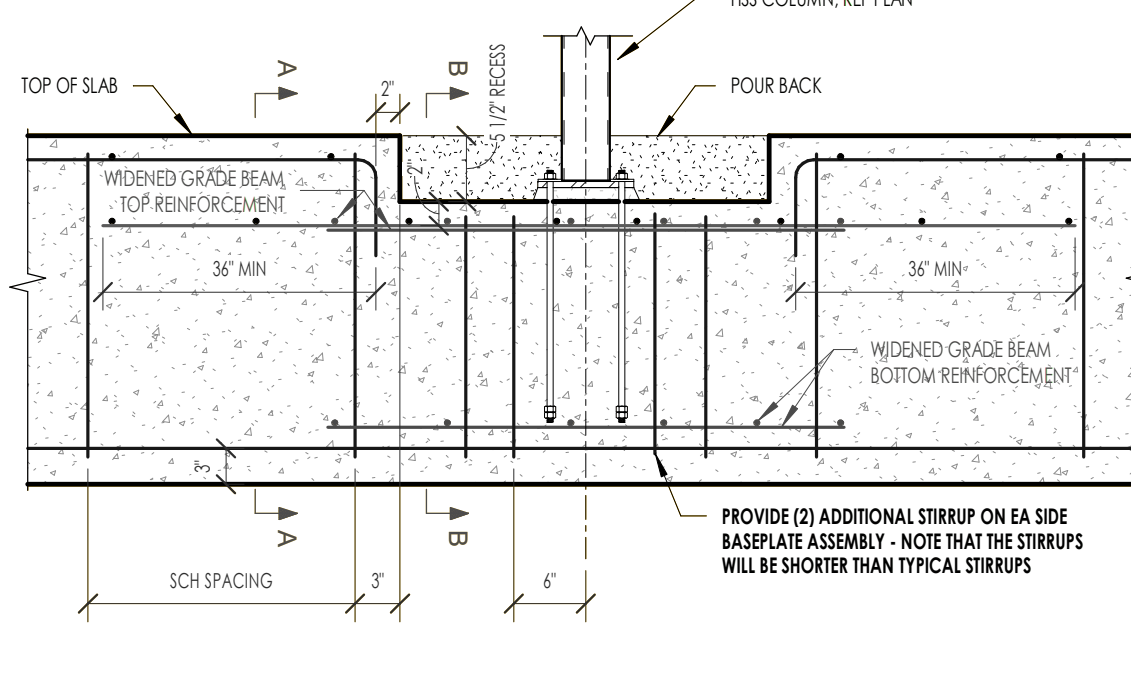
1C TYPICAL TURN DOWN BEAM  
 NOT TO SCALE



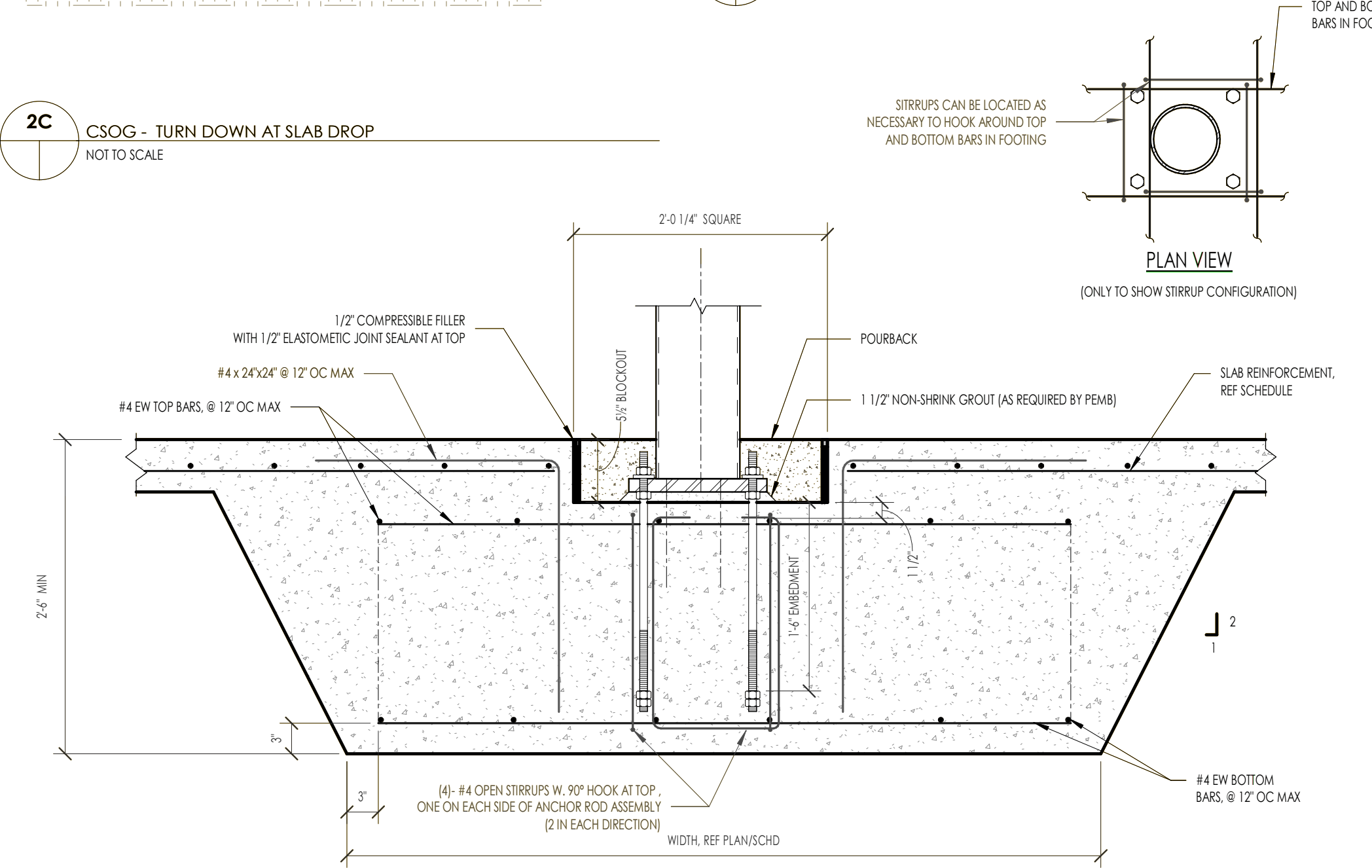
4B TYPICAL WIDENED FOOTING AT COLUMN - EMBEDDED BASE PLATE  
 NOT TO SCALE



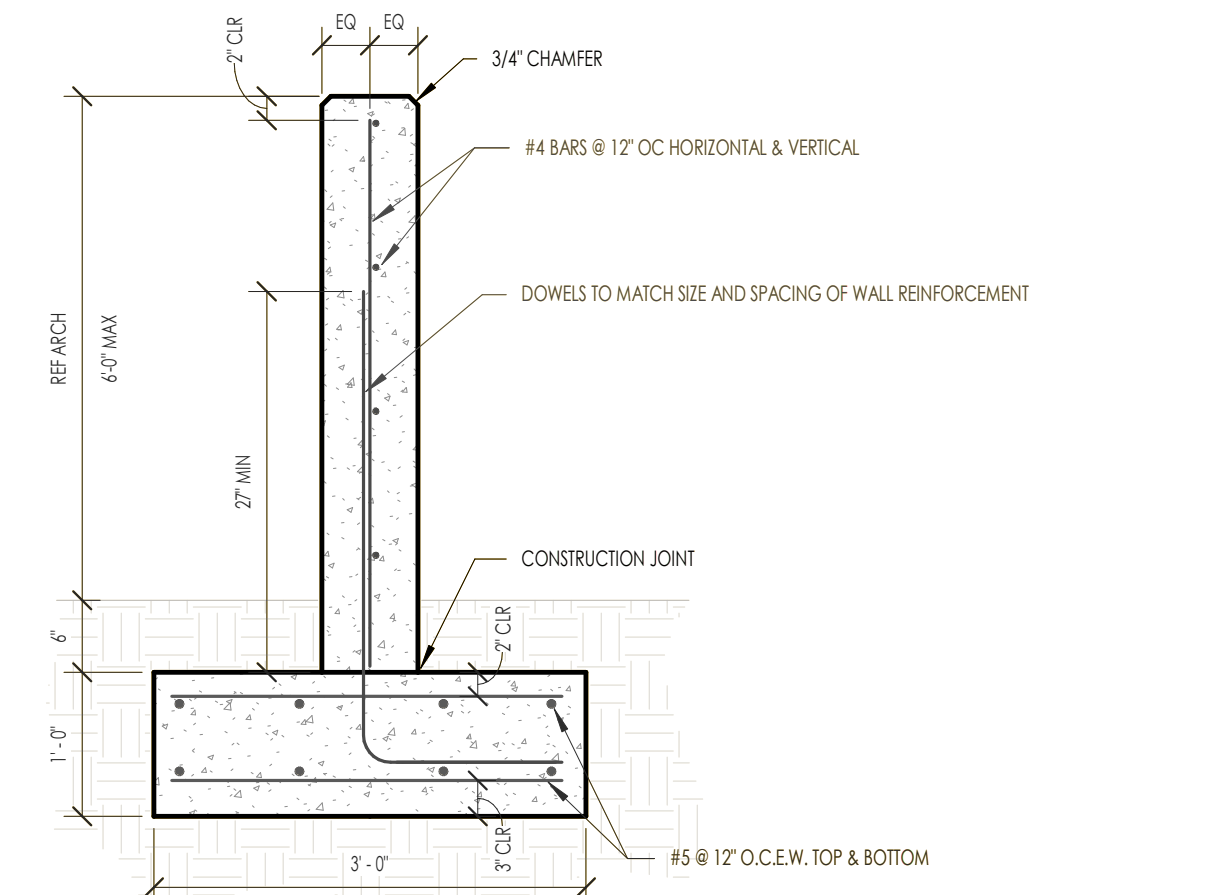
4C TYPICAL WIDENED FOOTING AT COLUMN - EMBEDDED BASE PLATE  
 NOT TO SCALE



2B TYPICAL SPREAD FOOTING AT INTERIOR COLUMN  
 NOT TO SCALE



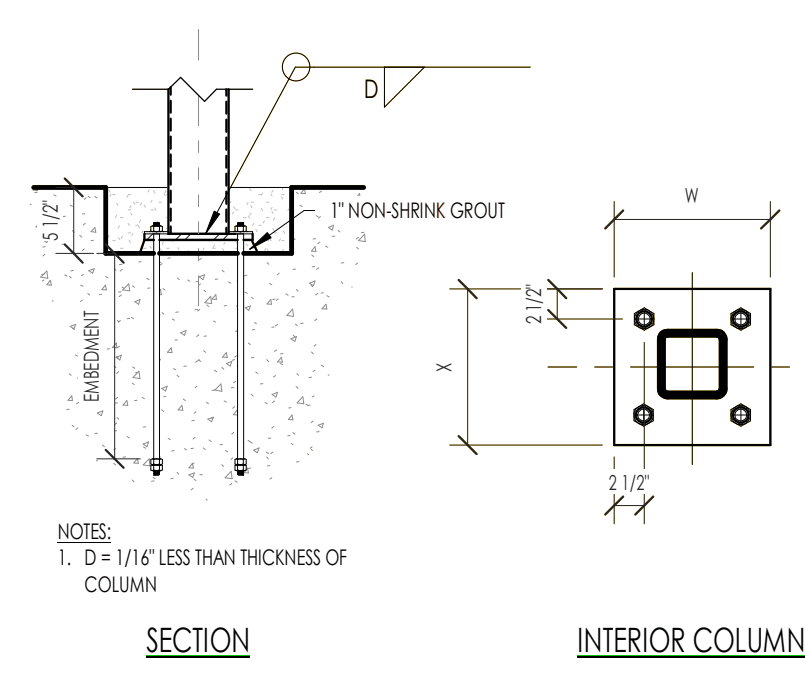
2B TYPICAL SPREAD FOOTING AT INTERIOR COLUMN  
 NOT TO SCALE



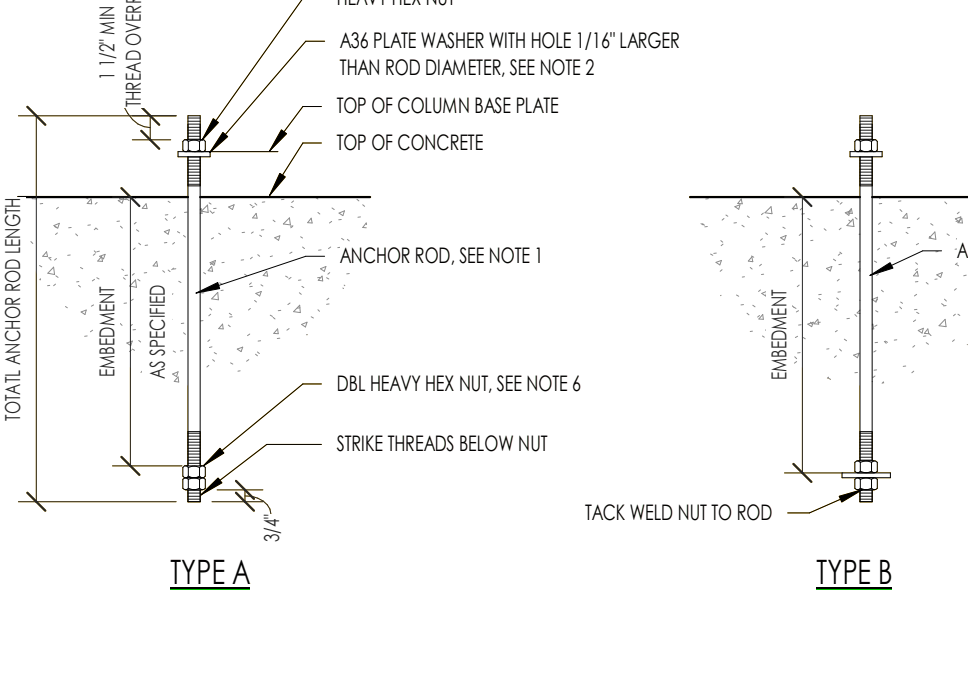
6A TYPICAL MOMENT SIGN FOUNDATION  
 NOT TO SCALE

COLUMN	BASE PLATE DIMENSIONS			CONDITION	ANCHOR BOLTS		
	X	W	T		NO./TYPE	DIA.	EMBEDMENT
HSS36x5	11"	13"	13"	INTERIOR	4/A	1"	1'-0"
HSS36x8	14"	16"	16"	INTERIOR	4/A	1"	1'-0"

5A TYPICAL BASEPLATE DETAIL  
 NOT TO SCALE



3A TYPICAL ANCHOR ROD  
 NOT TO SCALE



3A TYPICAL ANCHOR ROD  
 NOT TO SCALE

ANCHOR ROD DIAMETER	HOLE DIAMETER	SQUARE PLATE WASHER SIZE	PLATE WASHER THICKNESS	TYPE B ANCHOR PLATE
5/8"	1.316"	1 1/2"	1/4"	PL17X10-4
3/4"	1.516"	2"	1/4"	PL17X10-4
7/8"	1.916"	2 1/2"	5/16"	PL17X10-4
1"	1.1316"	3"	3/8"	PL19X10-5
1 1/2"	2.516"	3 1/2"	1/2"	PL19X10-5

- NOTES:  
 1. ALL TYPE A ANCHOR RODS SHALL BE F1554 GRADE 36.  
 2. ALL TYPE B ANCHOR RODS SHALL BE F1554 GRADE 55.11.  
 3. PLATE WASHERS MUST BE WELDED TO THE ANCHOR PLATE WITH MINIMUM 3/16" FLEET WELD ALL AROUND.  
 4. EMBEDMENT DEPTH ARE PRELIMINARY. FINAL EMBEDMENT TO BE PROVIDED AFTER REVIEW OF METAL BUILDING REACTIONS.  
 5. ALL ANCHOR ROD HOLES SHALL ADHERE TO AISC DESIGN GUIDE 01, TABLE 2.3.  
 6. THE DOUBLE NUT MAY BE OMITTED IF THE NUT IS TACK WELDED TO THE ROD.

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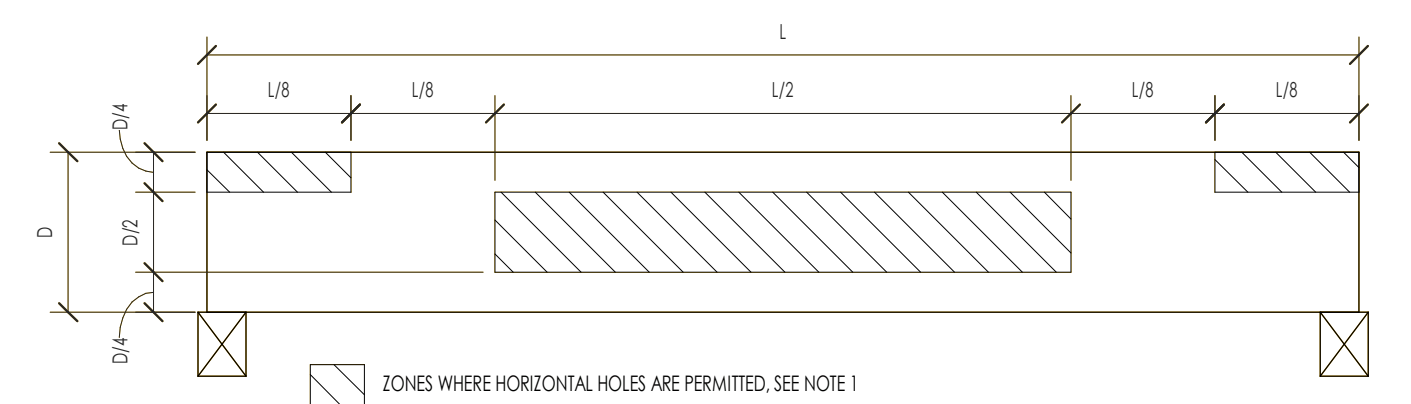
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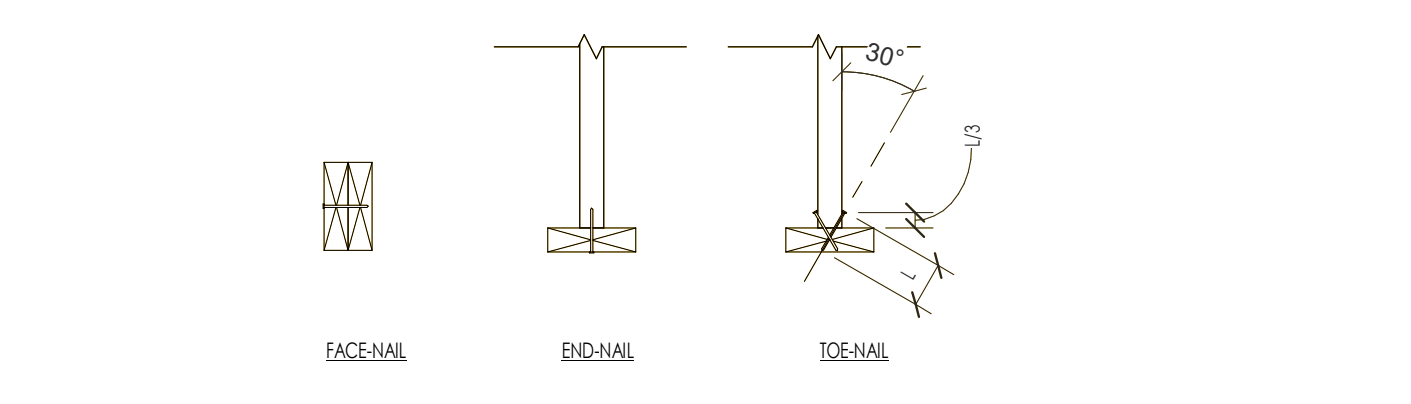
TYPICAL FASTENING SCHEDULE			
CONNECTION ID	CONNECTION TYPE	FASTENING	FASTENING ORIENTATION
1	JOIST TO BIL OR GIRDER	(B) - 0.131"Ø X 3"	TOENAIL
2	SOLE PLATE TO JOIST OR BLOCKING	0.148"Ø X 3" NAILS @ 12" OC NAILS	FACE NAIL
3	TOP PLATE TO STUD	(B) - 0.131"Ø X 3" NAILS	END NAIL
4	STUD TO SOLE PLATE - OPTION 1	(2) - 1/4" 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: (A)/(S1.1)	FACE NAIL
7	DOUBLE TOP PLATES	0.131"Ø X 3" NAILS @ 12" OC	FACE NAIL
8	DOUBLE TOP PLATE SPICE	REFERENCE DETAIL: (A)/(S1.1)	FACE NAIL
9	BLOCKING BETWEEN JOISTS/RAFTERS TO TOP PLATE	(B) - 0.131"Ø X 3" NAILS	TOENAIL
10	RM JOIST TO TOP PLATE	0.131"Ø X 3" NAILS @ 6" OC	TOENAIL
11	CEILING JOIST TO TOP PLATE	(B) - 0.131"Ø X 3" NAILS	TOENAIL
12	CEILING JOIST LAP OVER PARTITION	(H) - 0.131"Ø X 3" NAILS	FACE NAIL
13	CEILING JOIST TO PARALLEL RAFTERS	(H) - 0.131"Ø X 3" NAILS	FACE NAIL
14	RAFTER TO TOP PLATE	(B) - 0.131"Ø X 3" NAILS	TOENAIL
15	BUILT-UP CORNER STUDS	0.131"Ø X 3" NAILS @ 18" OC	FACE NAIL
16	BUILT-UP BEAMS	REFERENCE DETAIL: (A)/(S1.1)	FACE NAIL
17	COLLAR TIE TO RAFTER	(H) - 0.131"Ø X 3" NAILS	FACE NAIL
18	JACK RAFTER TO HP	(H) - 0.131"Ø X 3" NAILS	TOENAIL
19	RAFTER TO RIDGE BOARD/BEAM	(B) - 0.131"Ø X 3" NAILS	TOENAIL
20	BLOCKING BT STUDS	(B) - 0.131"Ø X 3" NAILS EACH SIDE	TOENAIL

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

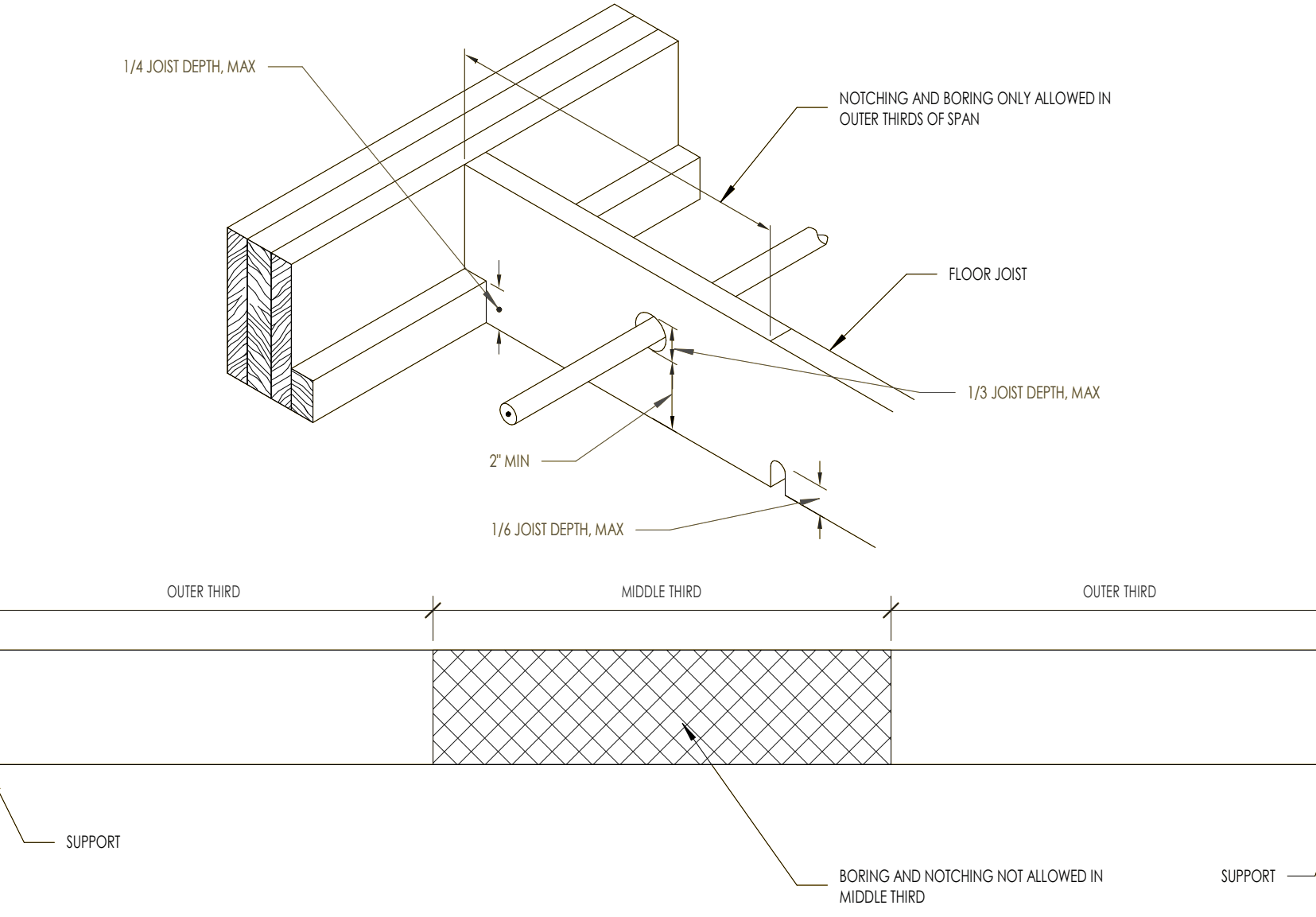


**NOTES:**  
 1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1/4" OR D/10, WHICHEVER IS SMALLER.  
 2. SPACING: FOR LARGER HOLE DIAMETERS OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ECR.  
 3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY SUPPORTED, 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.

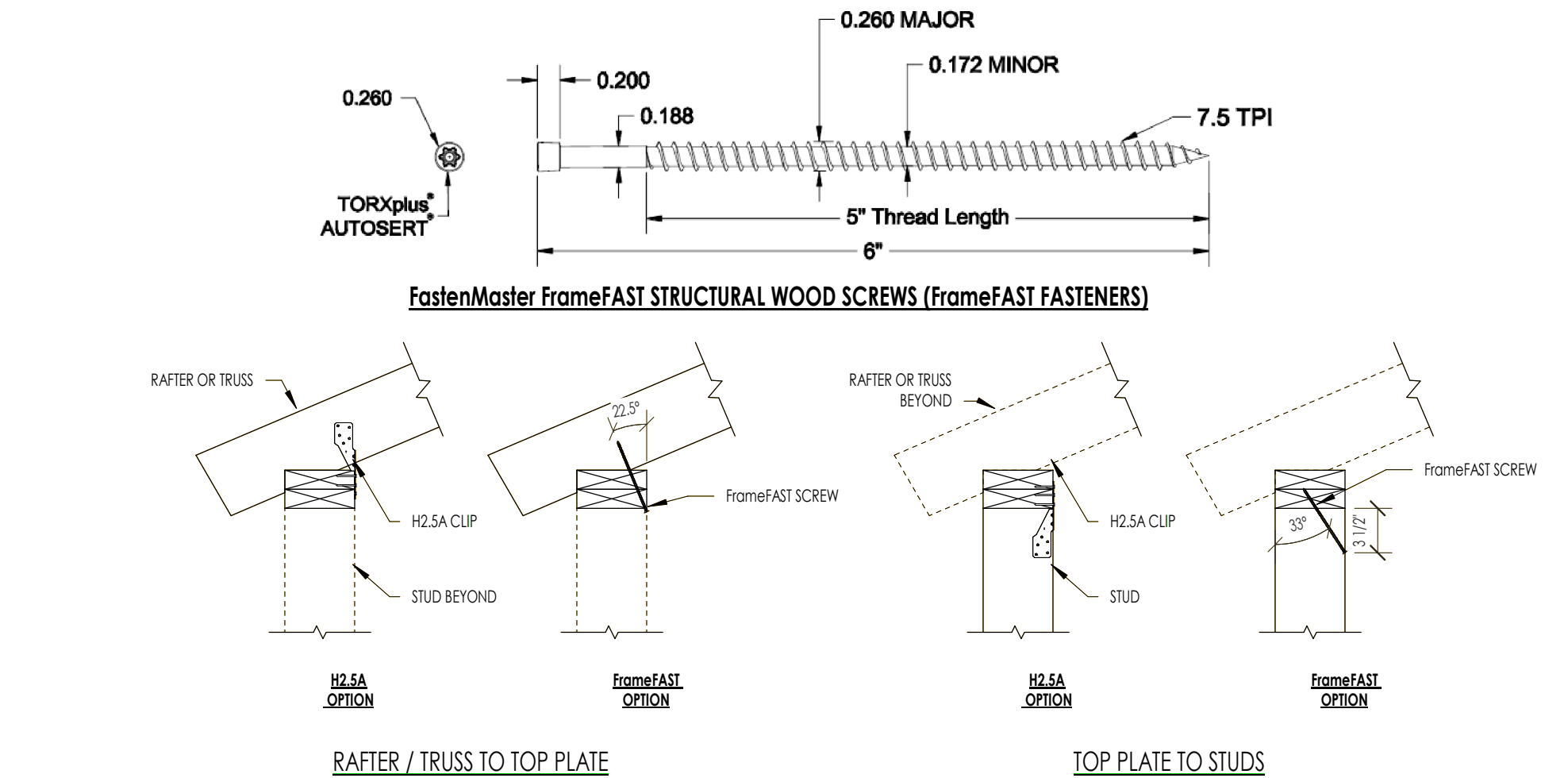
**4E ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS**  
 NOT TO SCALE



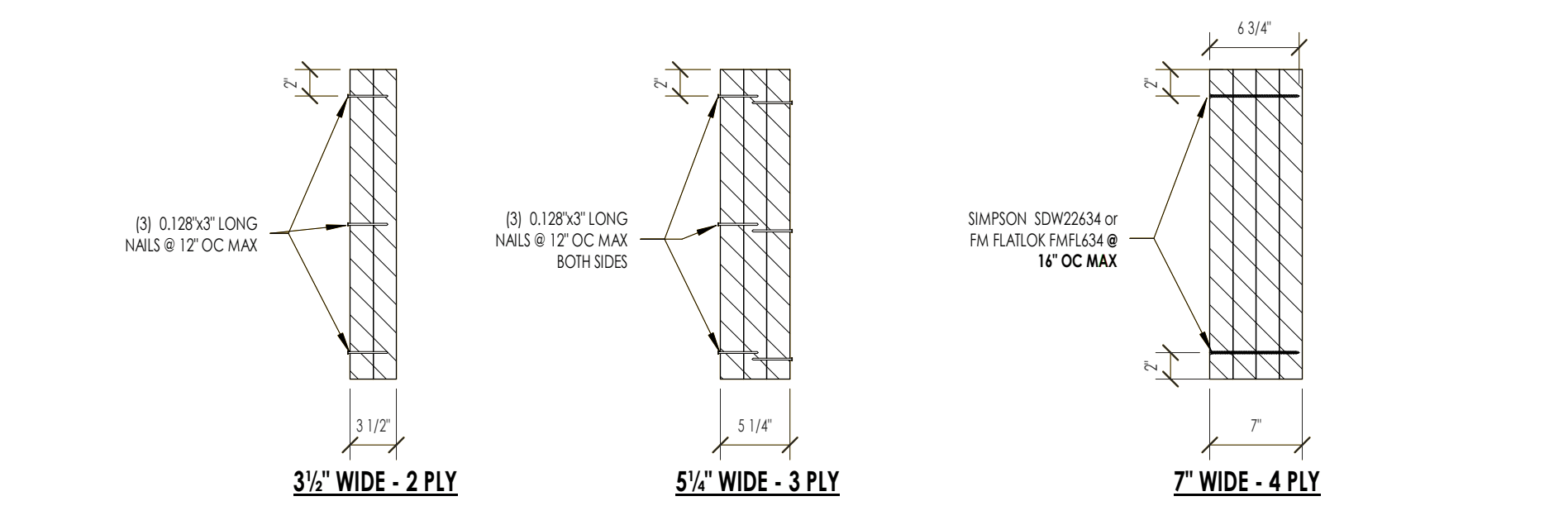
**4D TYPICAL NAILING CONFIGURATIONS**  
 NOT TO SCALE



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



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



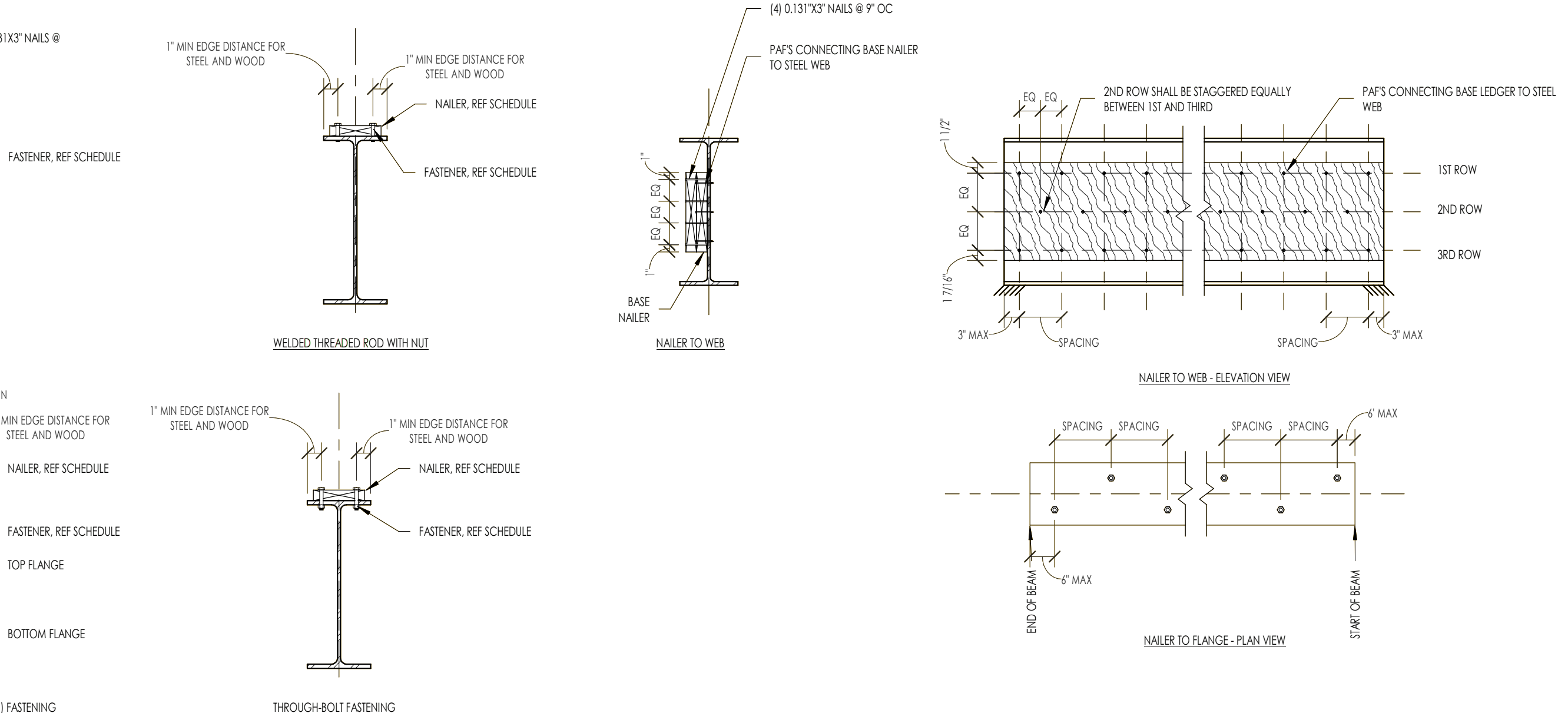
**2C TYPICAL LVL MULTIPLE PLY FASTENING REQUIREMENTS**  
 NOT TO SCALE

FASTENER SCHEDULE - TO BEAM TOP FLANGE			FASTENER SCHEDULE - TO BEAM WEB / BOTTOM FLANGE		
L (ft)	PAF FASTENER	BOLT / ROD*	L <sub>1</sub> (ft)	PAF FASTENER	BOLT / ROD*
≤ 0.35	X-1/4 @ 12" OC	1/2"Ø @ 24" OC	≤ 0.35	(B) - X-1/4 @ 12" OC	(B) - 1/2"Ø @ 24" OC
0.35 < L ≤ 0.44	D5-47 @ 12" OC	1/2"Ø @ 24" OC	0.35 < L <sub>1</sub> ≤ 0.44	(B) - D5-47 @ 12" OC	(B) - 1/2"Ø @ 24" OC
L > 0.44	N/A	1/2"Ø @ 12" OC	L <sub>1</sub> > 0.44	N/A	(B) - 1/2"Ø @ 12" OC

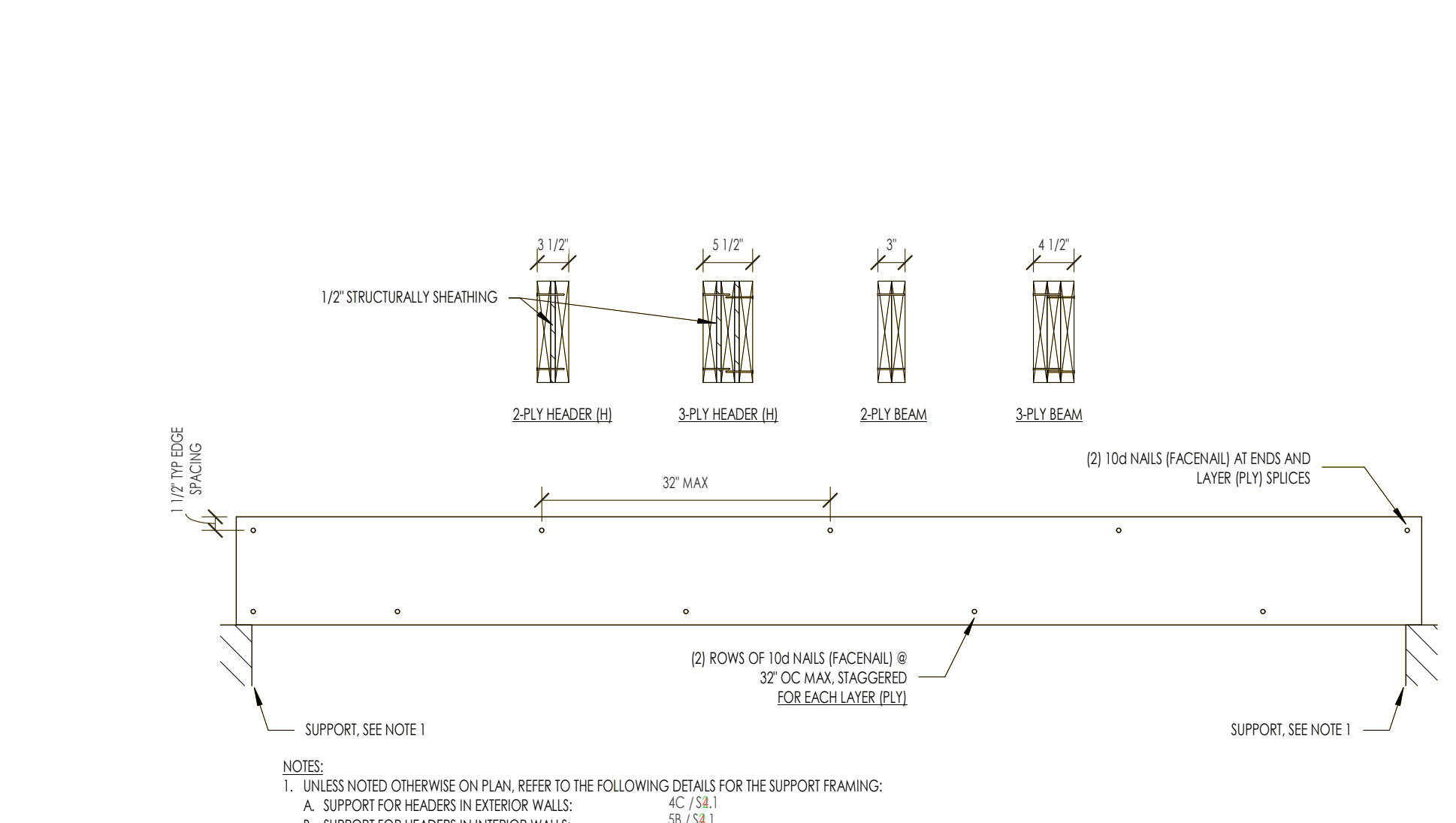
  

NAILER SCHEDULE - TO BEAM FLANGE		NAILER SCHEDULE - TO BEAM WEB	
b (ft)	NAILER SIZE	d (ft)	NAILER SIZE
≤ 5.5	2x4	≤ 5	2x4
5.5 < b ≤ 7.25	2x6	5 < d ≤ 6.75	2x6
b > 7.25	2x8	6.75 < d ≤ 8.75	2x8
		8.75 < d ≤ 10.75	2x10
		10.75 < d ≤ 15	(2) - 2x8
		15 < d ≤ 19	(2) - 2x10
		19 < d ≤ 23	(2) - 2x12
		d > 23	(3) - 2x8

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



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



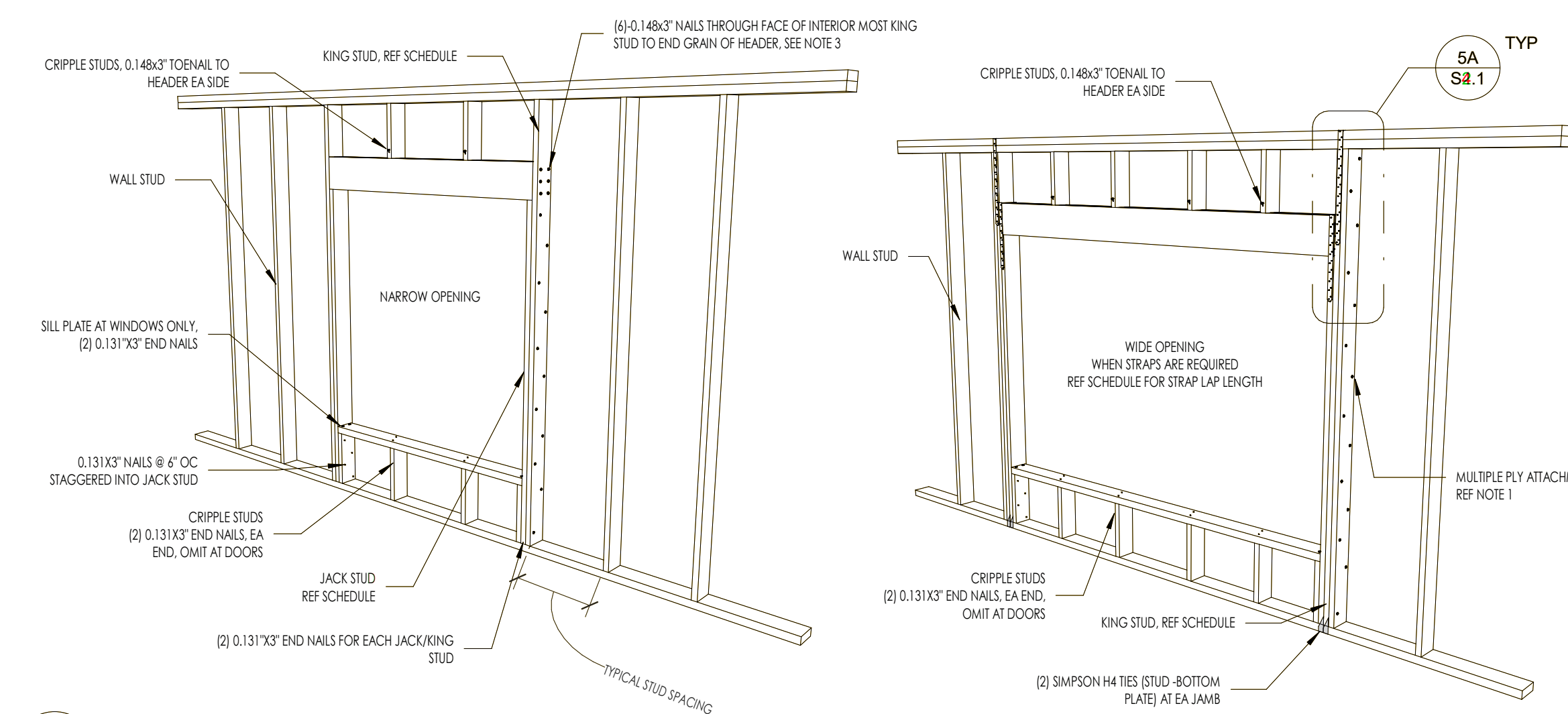
**2A TYPICAL NAILING BUILT-UP BEAMS, GIRDERS & HEADERS**  
 NOT TO SCALE

**Renovation Wranglers**  
 Owner: Renovation Wranglers  
 102 E 26th St  
 Bryan, TX 77803  
 Katerencason@rwr.com | 979.450.9969

**LKB ARCHITECTURE**  
 Architect of Record: LKB Architecture  
 2929 Allen Pkwy Suite 200  
 Houston, TX 77019  
 isa@lkbarchitecture.com | 713.425.3076

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

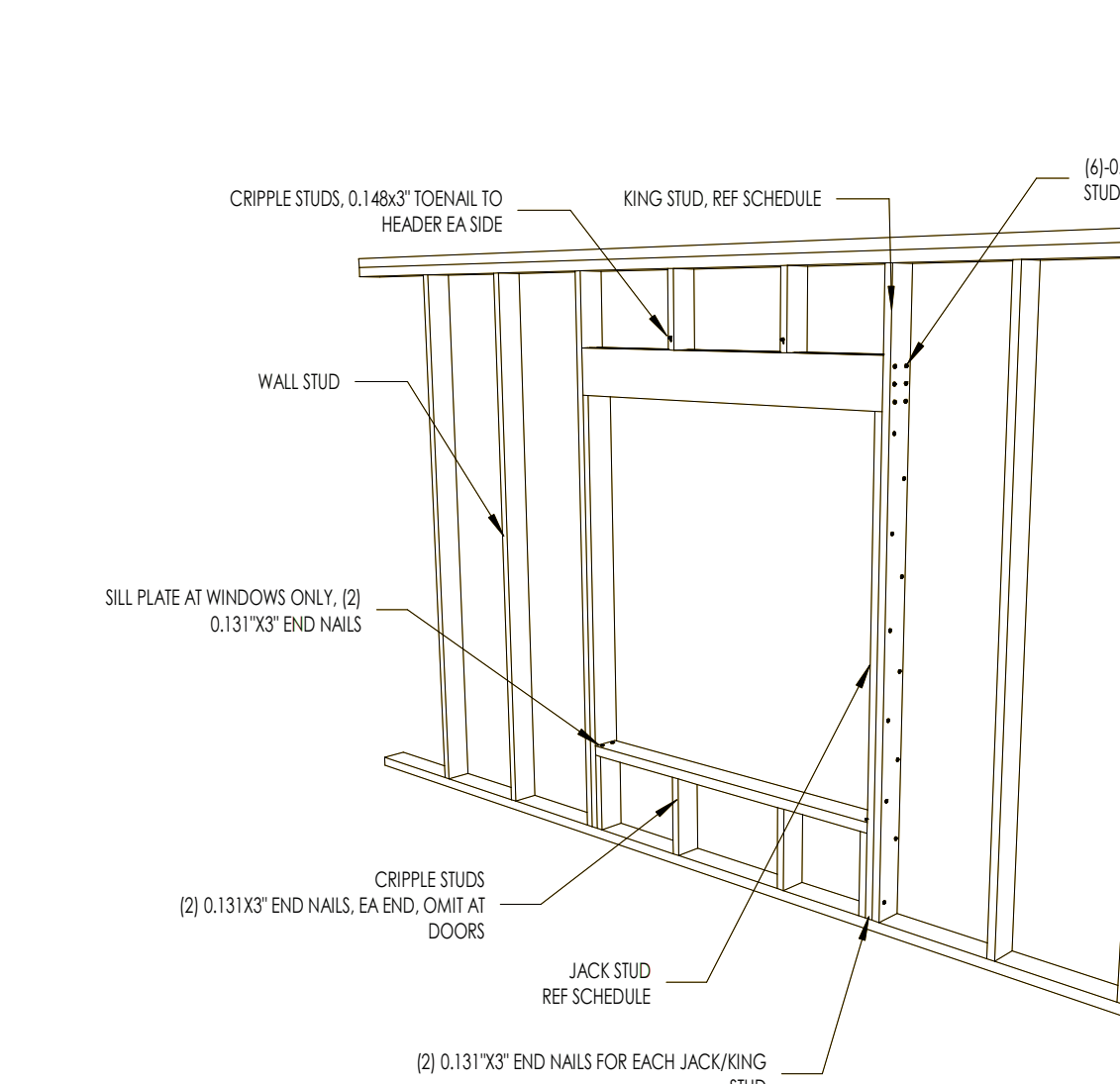
**amc ENGINEERS**  
 MEP: AMC Engineers  
 508 E Jackson St # 552  
 Burnet, TX 78611  
 info@amcengineers.com



OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	12		
5.3	1	1	1	2	2	1
4	1	1	2	2	1	N/R
5	2	2	3	3	1	N/R
6	2	2	3	3	1	N/R
7	2	2	3	3	4x6	1
8	3	3	3	4x6	4x6	2
9	3	3	4x6	4x6	4x6	2
10	3	3	4x6	4x6	4x6	2

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

- NOTES:  
 1. MULTIPLE PILES MUST BE ATTACHED PER THE MECHANICALLY LAMINATED BUILT-UP COLUMN NAILED DETAIL.  
 2. TABLE IS BASED OFF A WIND LOAD 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.

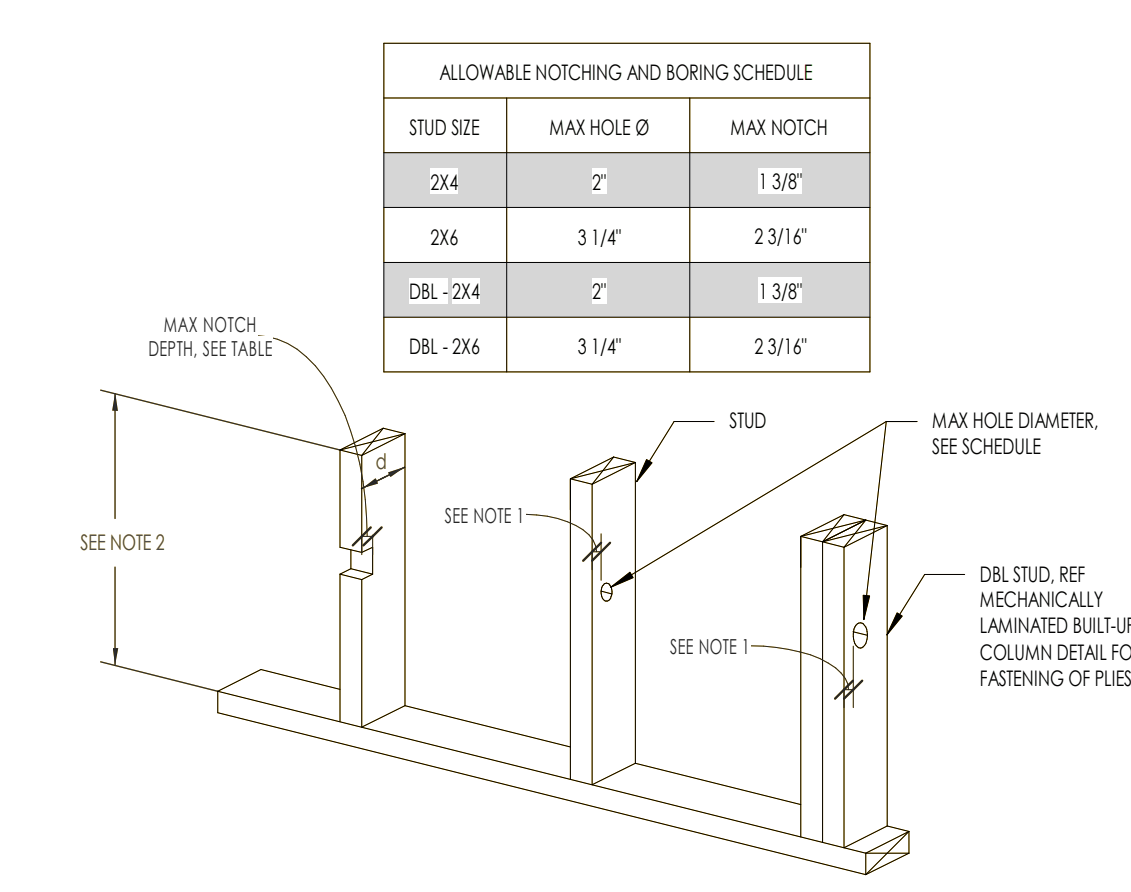


4C TYPICAL EXTERIOR OPENING FRAMING  
 NOT TO SCALE

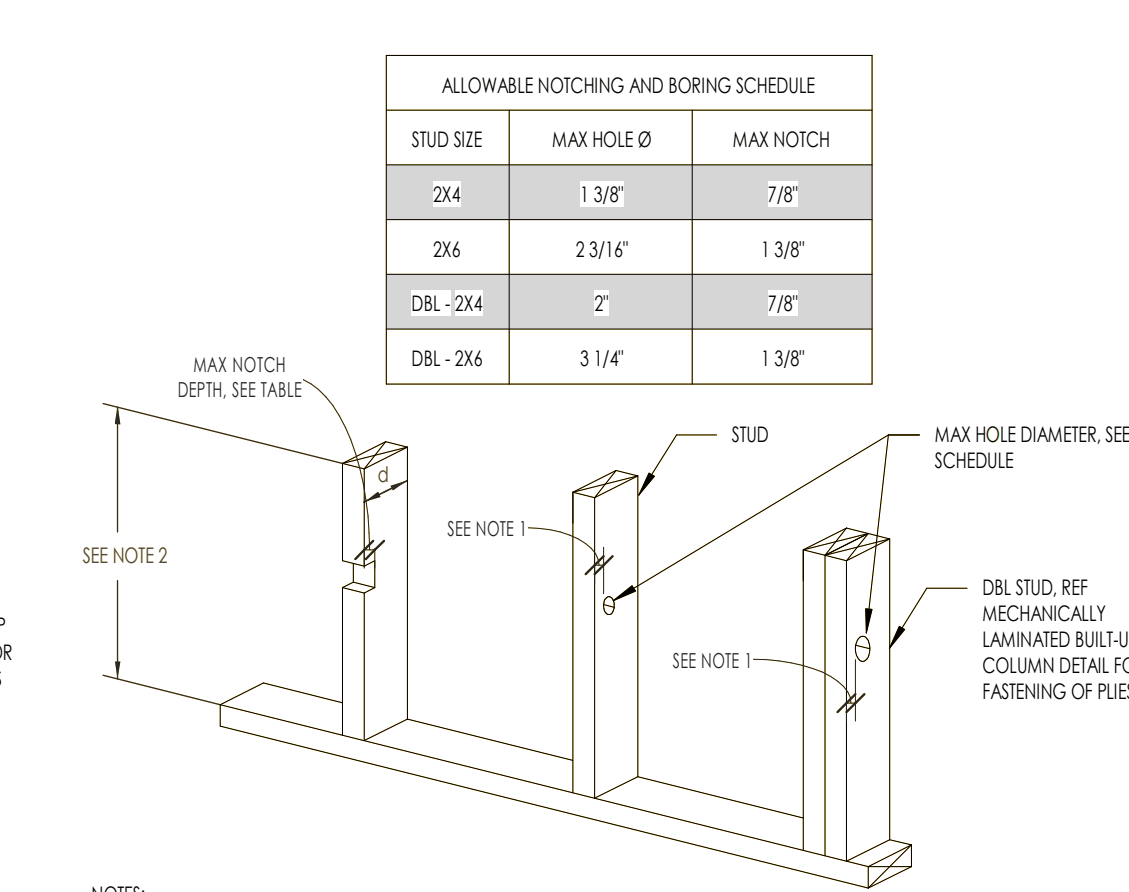
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	HEADER SIZE	
	8	9	10	12			
5.3	1	1	1	1	1	2x8H 3x8H	
4	1	1	1	1	1	2x8H 3x8H	
5	1	1	1	2	2	1	2x8H 3x8H
6	1	1	2	2	2	1	2x8H 3x8H
7	1	1	2	2	3	1	2x8H 3x8H
8	2	2	3	3	3	2	2x10H 3x10H
9	2	2	3	3	3	1	2x10H 3x10H
10	2	2	3	3	3	1	2x10H 3x10H

OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	HEADER SIZE	
	8	9	10	12			
5.3	1	1	1	1	1	2x8H 3x8H	
4	1	1	1	1	1	2x8H 3x8H	
5	1	1	1	2	2	1	2x8H 3x8H
6	1	1	2	2	2	1	2x8H 3x8H
7	1	1	2	2	3	1	2x8H 3x8H
8	2	2	2	3	3	1	2x10H 3x10H
9	2	2	3	3	3	1	2x10H 3x10H
10	2	2	3	3	3	1	2x10H 3x10H

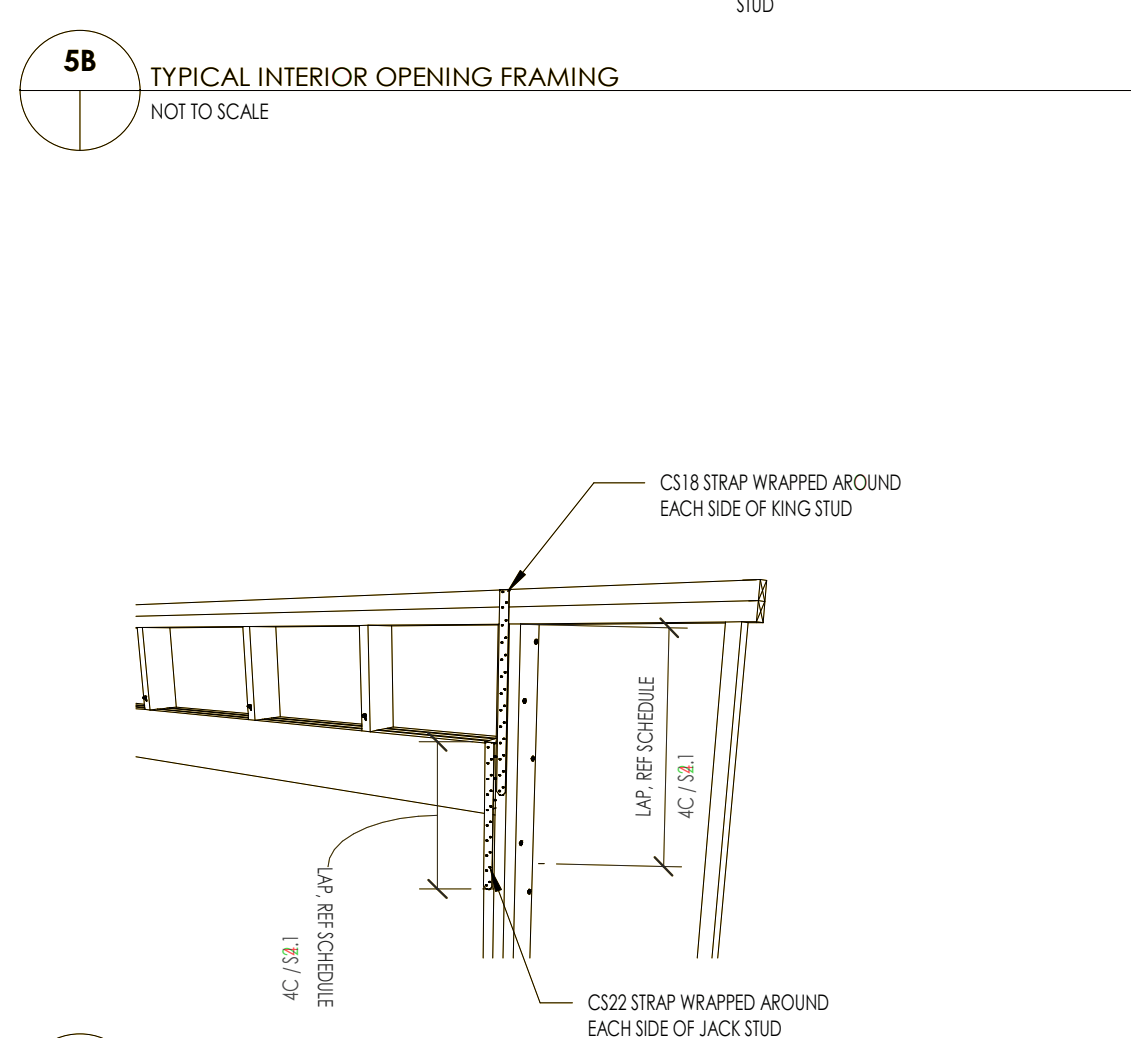
- NOTES:  
 1. LOAD BEARING WALLS AND ASSOCIATED HEADERS ARE INDICATED ON PLAN.



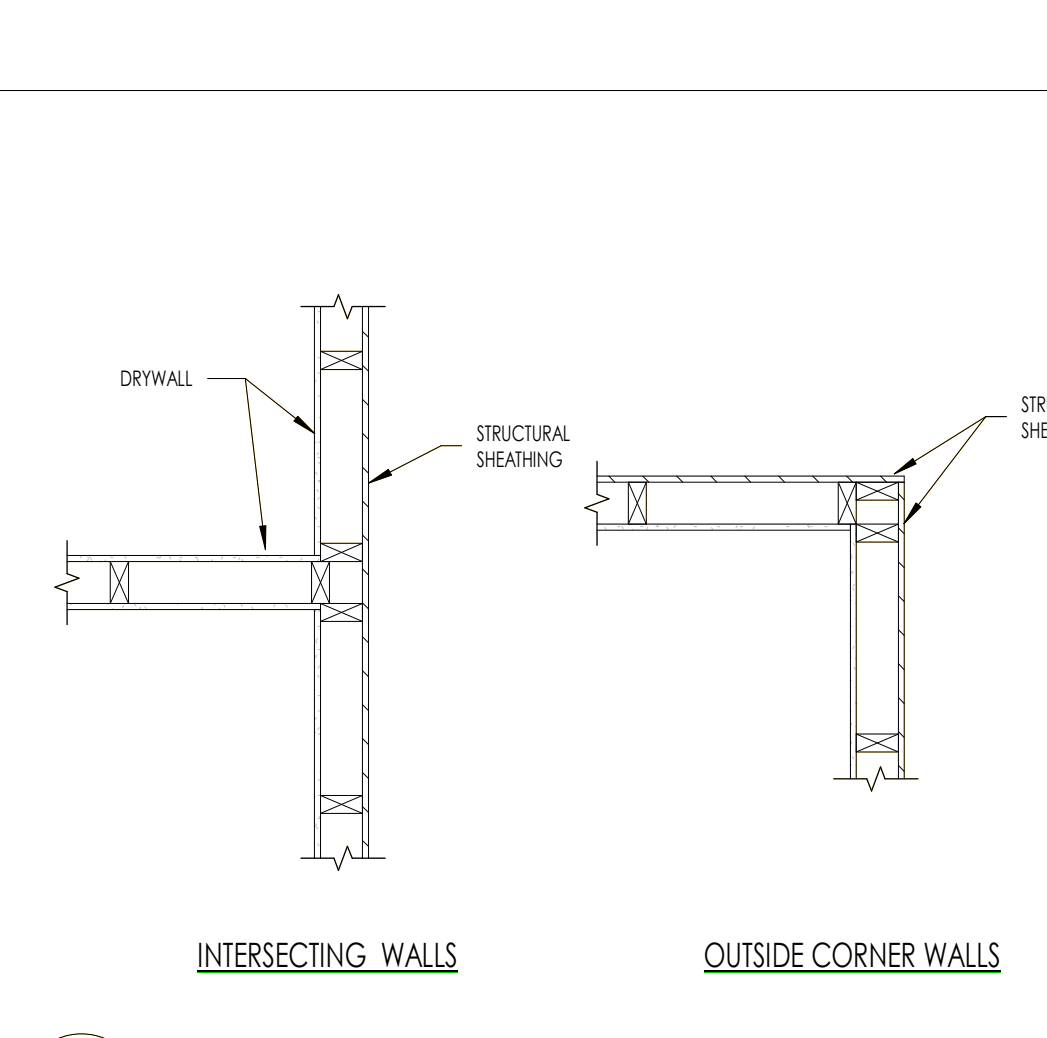
2B ALLOWABLE STUD NOTCHING AND BORING IN INTERIOR NON-LOAD BEARING WALLS  
 NOT TO SCALE



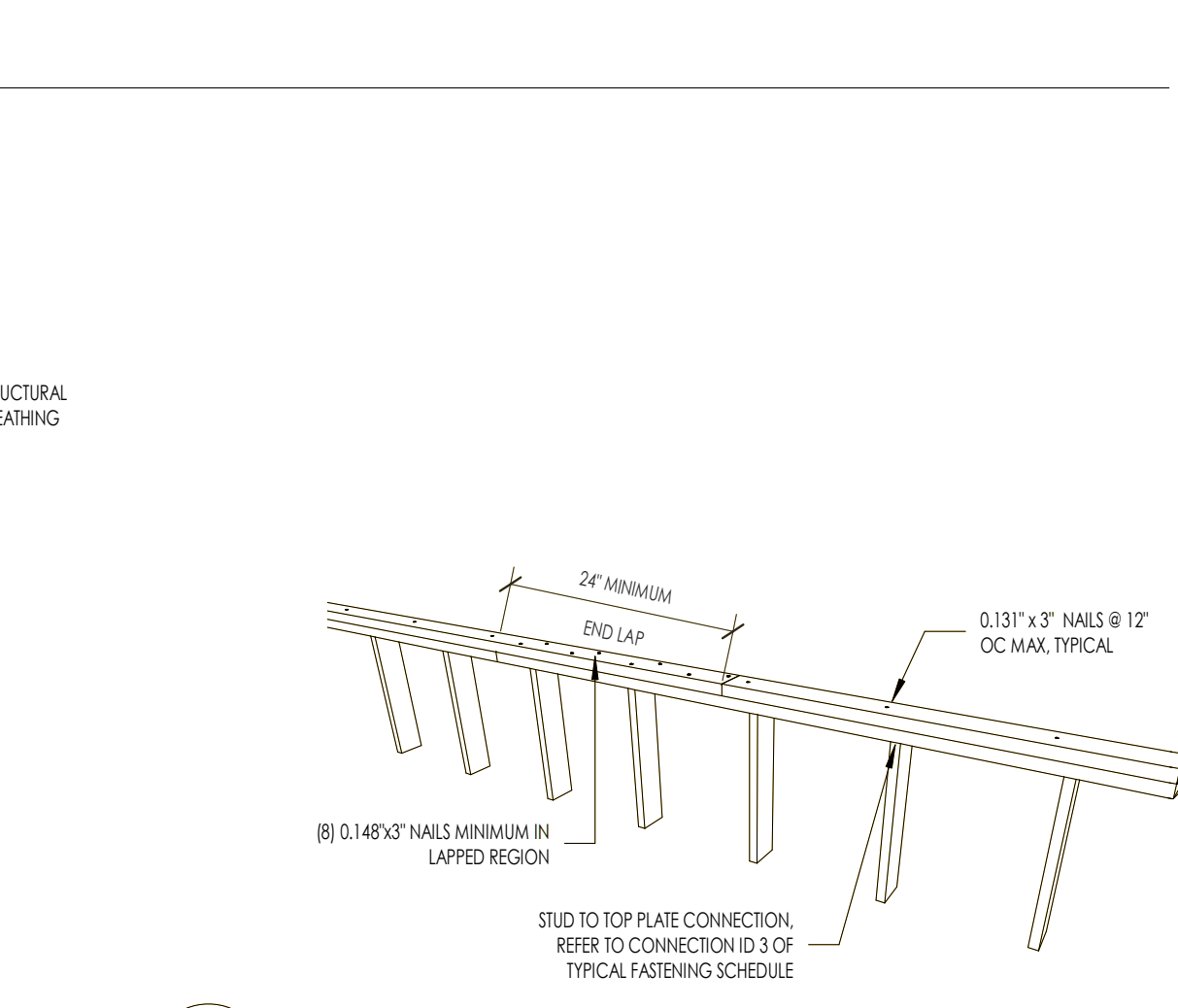
1B ALLOWABLE STUD NOTCHING AND BORING IN EXTERIOR & LOAD BEARING WALLS  
 NOT TO SCALE



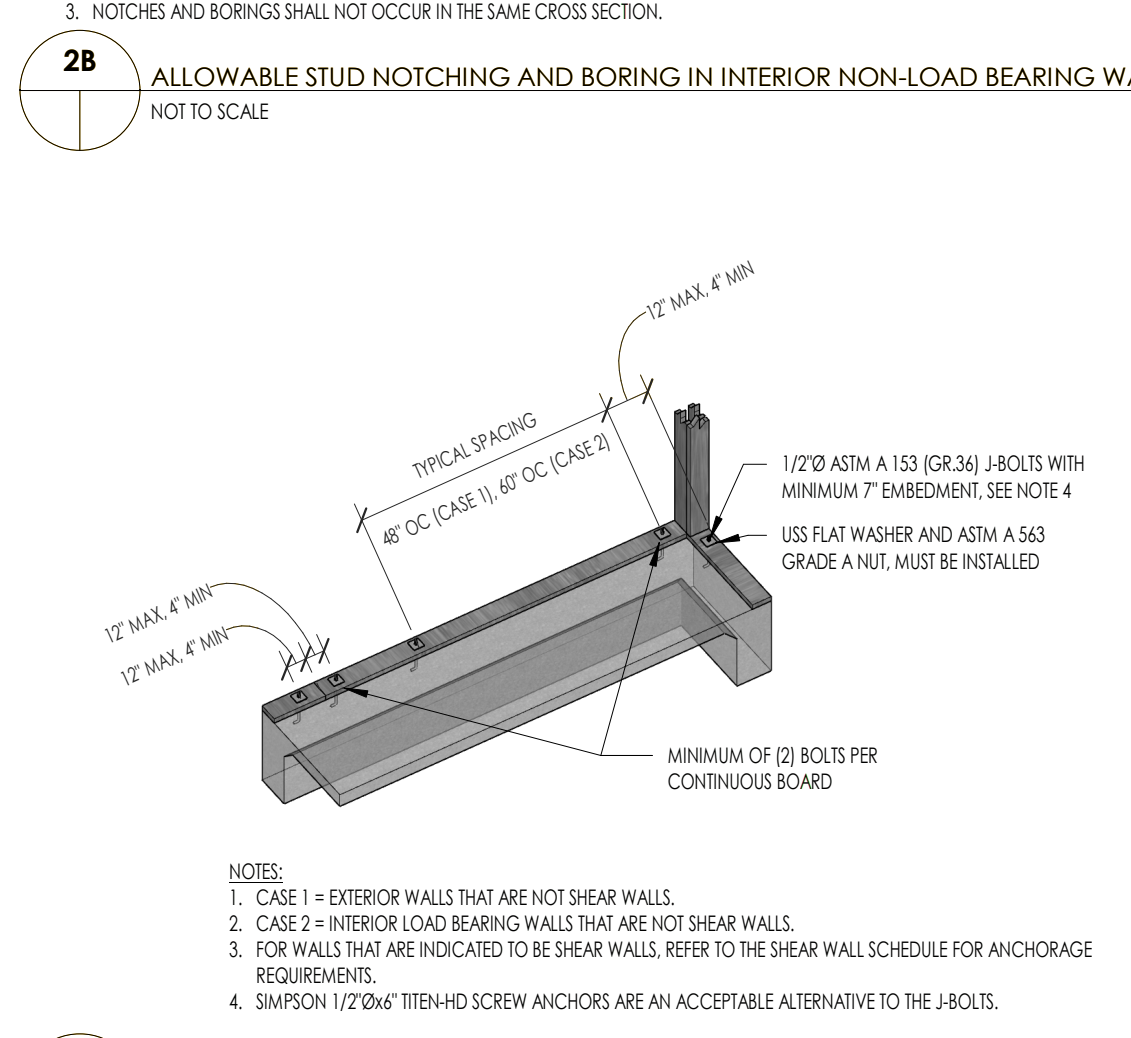
5B TYPICAL INTERIOR OPENING FRAMING  
 NOT TO SCALE



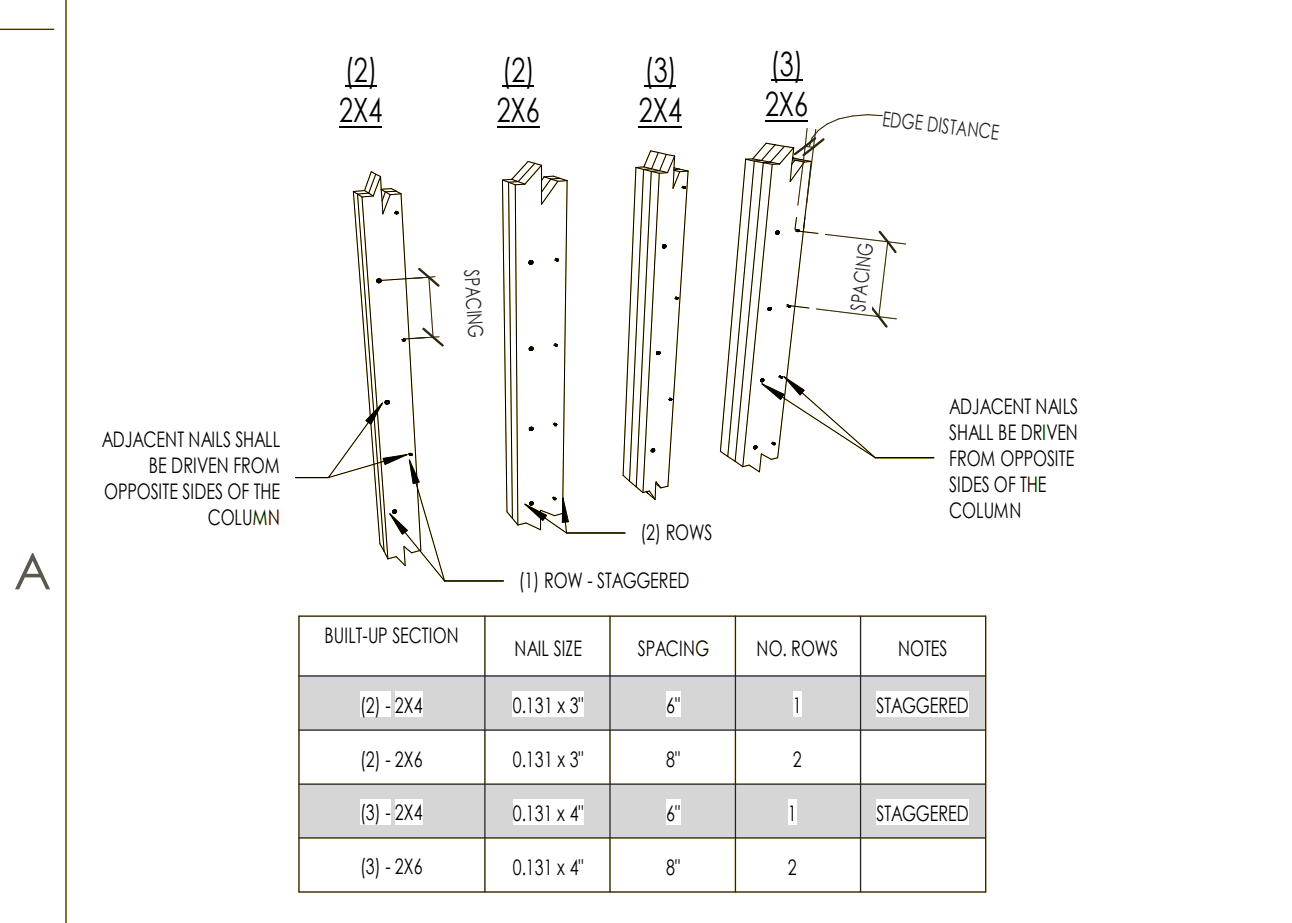
4A TYPICAL CORNER AND INTERSECTION WALL STUDS [NOT AT SHEAR WALL]  
 NOT TO SCALE



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

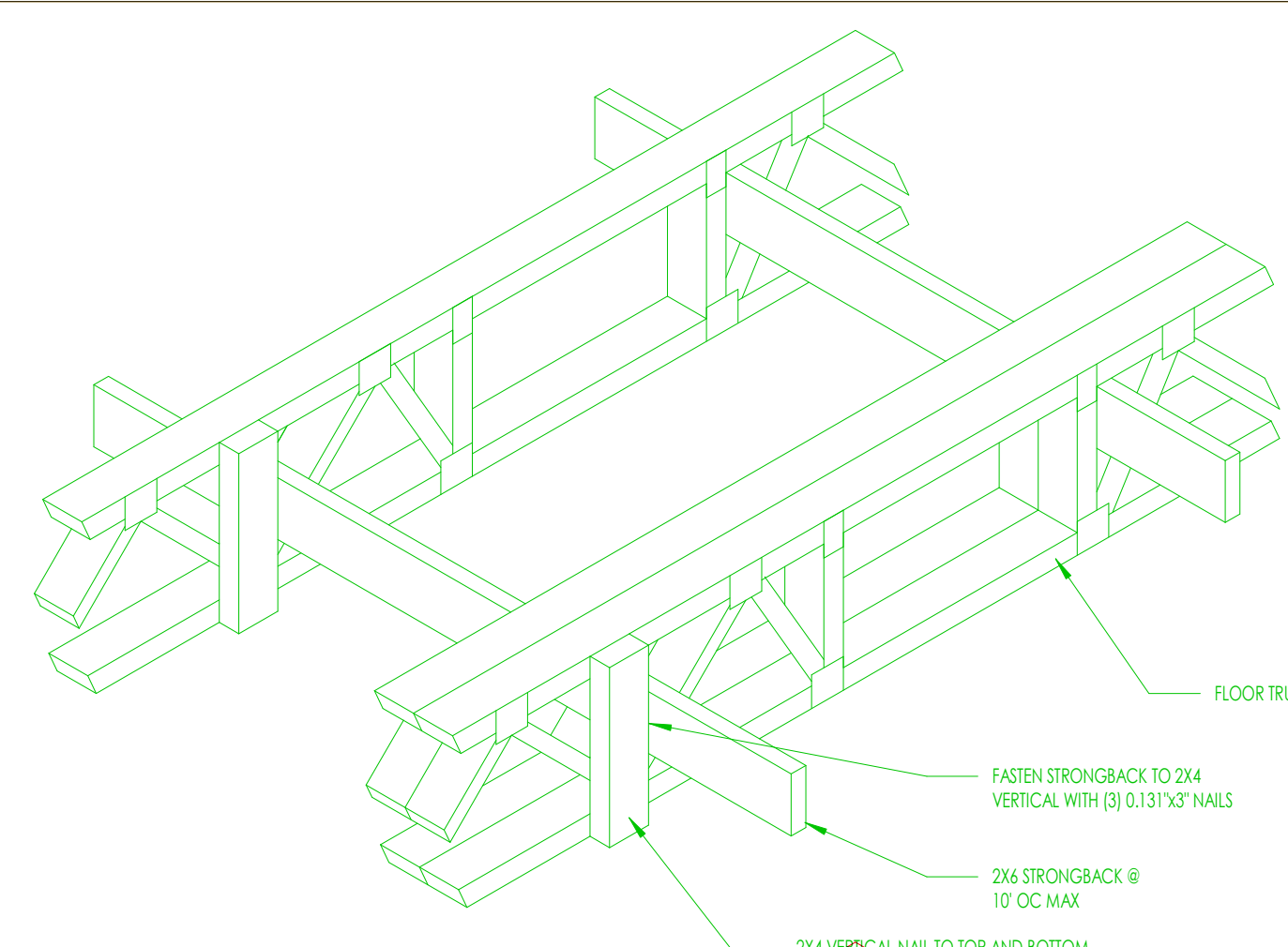


2A TYPICAL BOTTOM PLATE ANCHORAGE  
 NOT TO SCALE

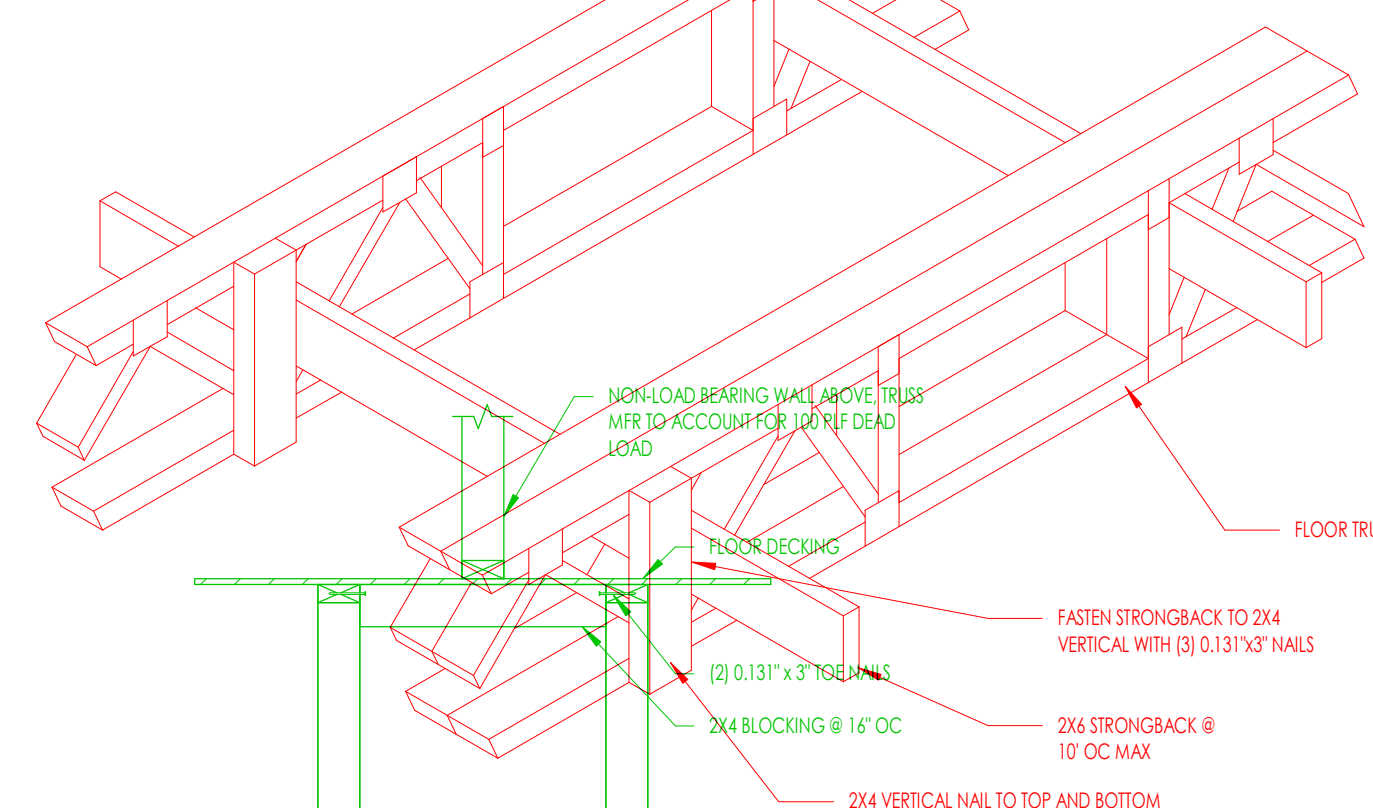


6A MECHANICALLY LAMINATED BUILT-UP COLUMN (STUD PACK) - NAILED  
 NOT TO SCALE

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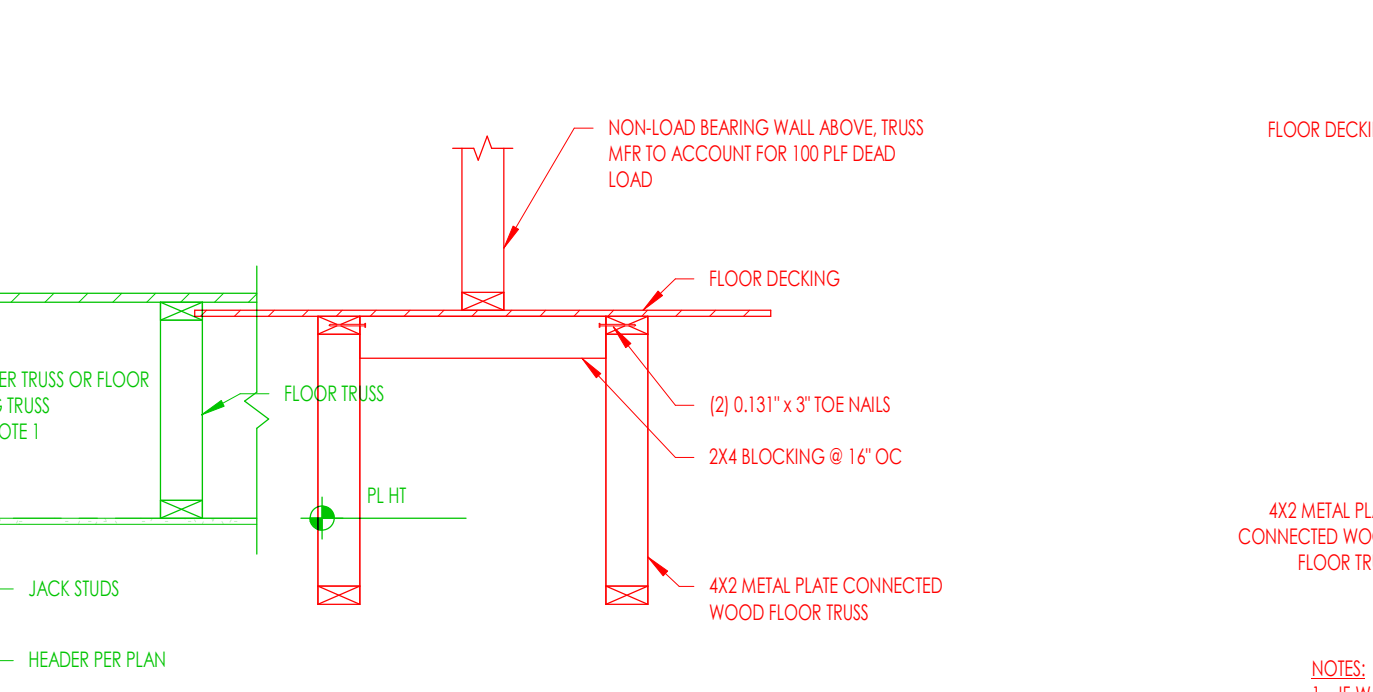


2D TYPICAL TRUSS STRONGBACK NOT TO SCALE



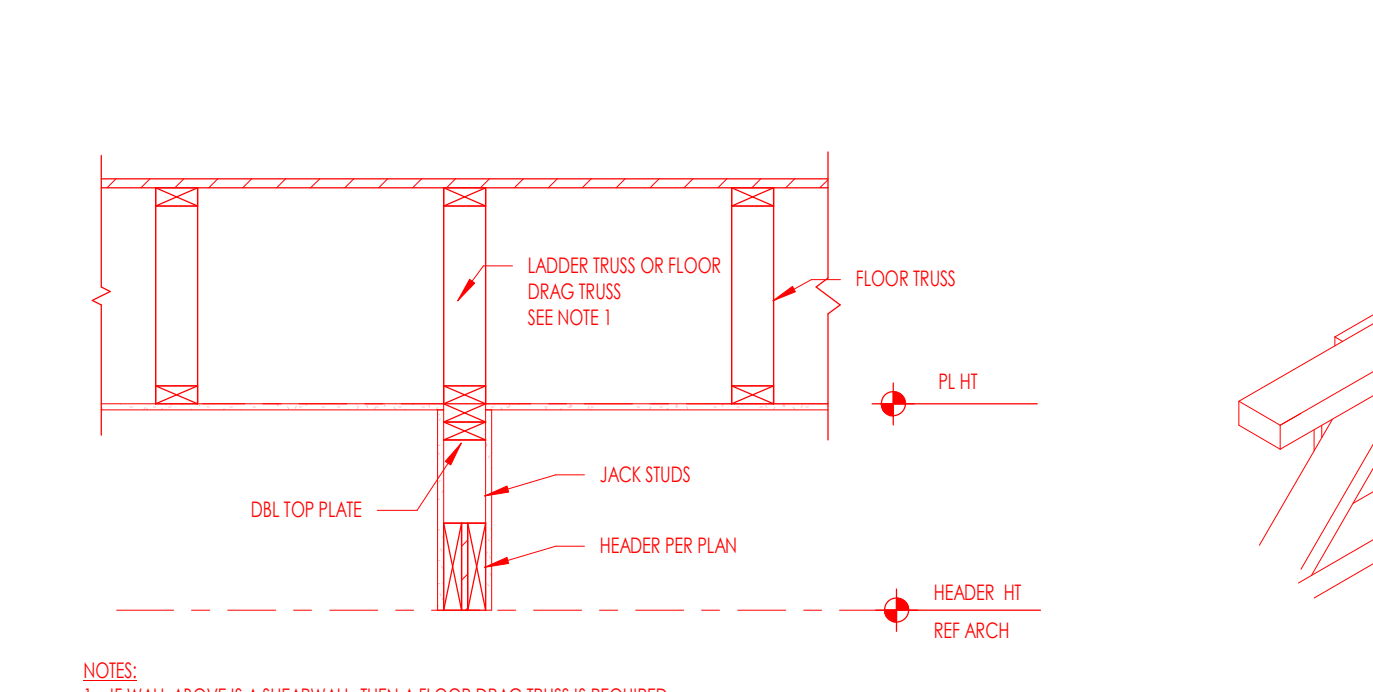
2D TYPICAL TRUSS STRONGBACK NOT TO SCALE

2C TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSS NOT TO SCALE

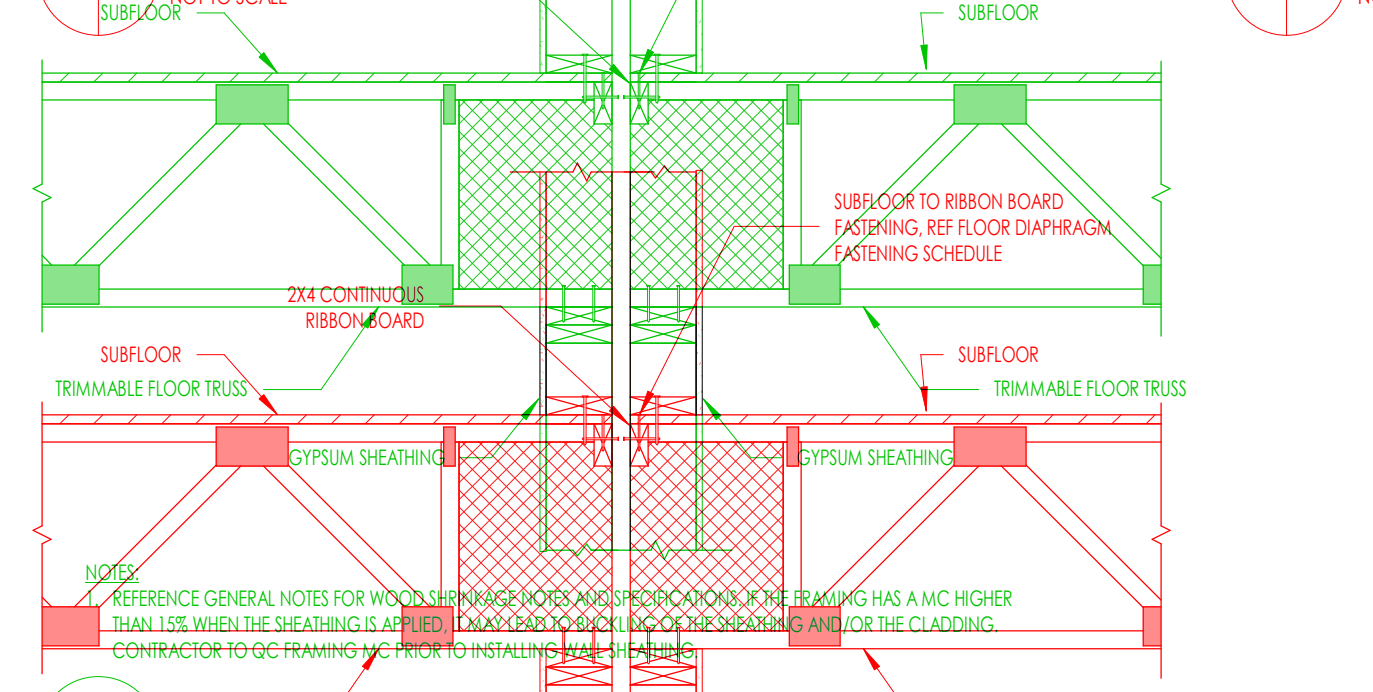


2C TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSS NOT TO SCALE

2B TYPICAL LOAD BEARING HEADER PARALLEL TO FLOOR TRUSSES NOT TO SCALE



2B TYPICAL LOAD BEARING HEADER PARALLEL TO FLOOR TRUSSES NOT TO SCALE



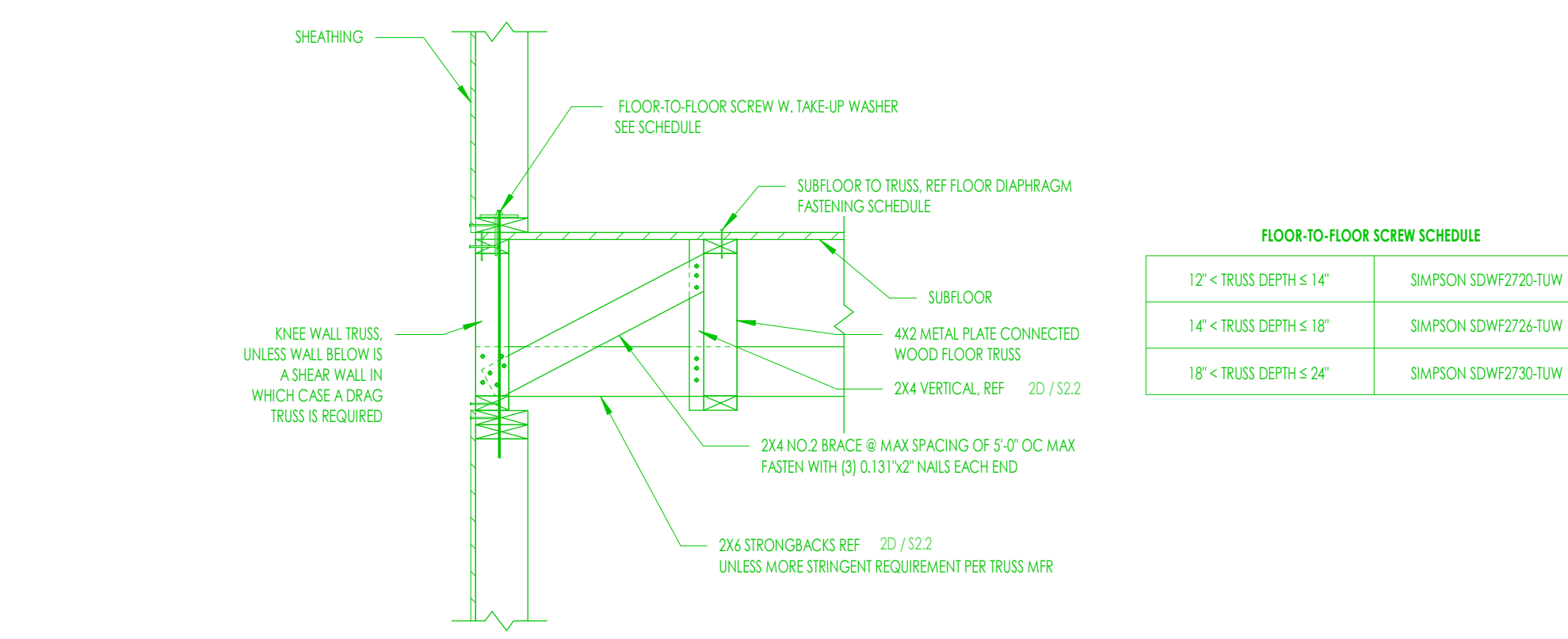
1B TYPICAL TRIMMABLE TRUSS STIFFENING AT INTERIOR SUPPORT NOT TO SCALE

2A TYPICAL INTERIOR BOTTOM CHORD BEARING AT PARTY WALL NOT TO SCALE

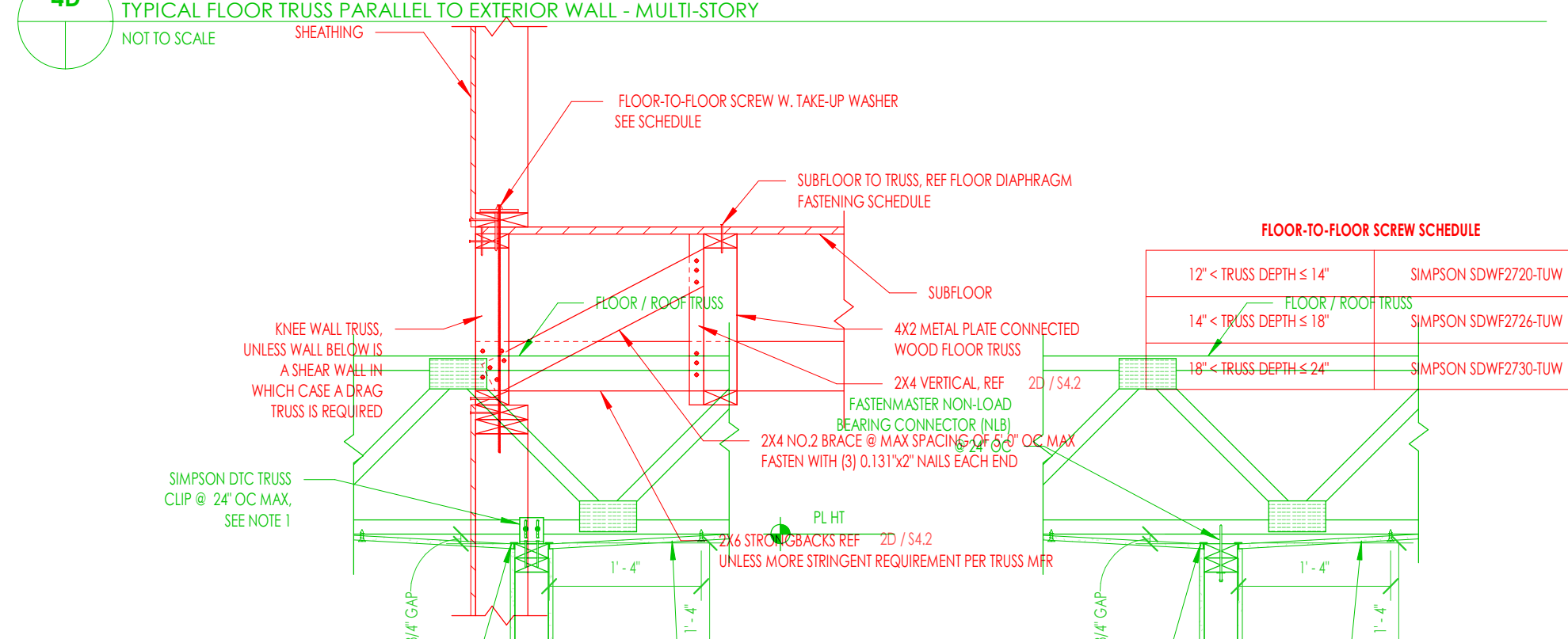
2A TYPICAL INTERIOR BOTTOM CHORD BEARING AT PARTY WALL NOT TO SCALE

FLOOR-TO-FLOOR SCREW SCHEDULE

12" x TRUSS DEPTH x 14'	SIMPSON SDWF2720-TJM
14" x TRUSS DEPTH x 18'	SIMPSON SDWF2726-TJM
18" x TRUSS DEPTH x 24'	SIMPSON SDWF2730-TJM



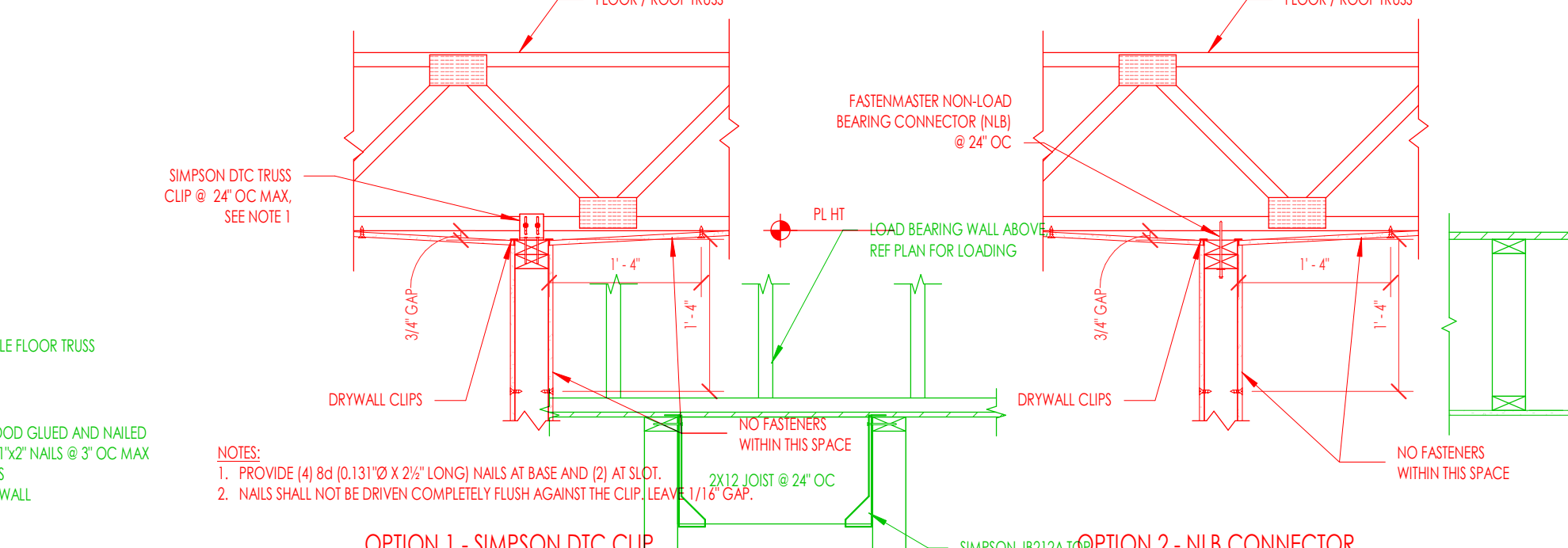
4D TYPICAL FLOOR TRUSS PARALLEL TO EXTERIOR WALL - MULTI-STORY NOT TO SCALE



4C TYPICAL NON-LOAD BEARING WALL ATTACHMENT TO PERPENDICULAR FLOOR TRUSS NOT TO SCALE

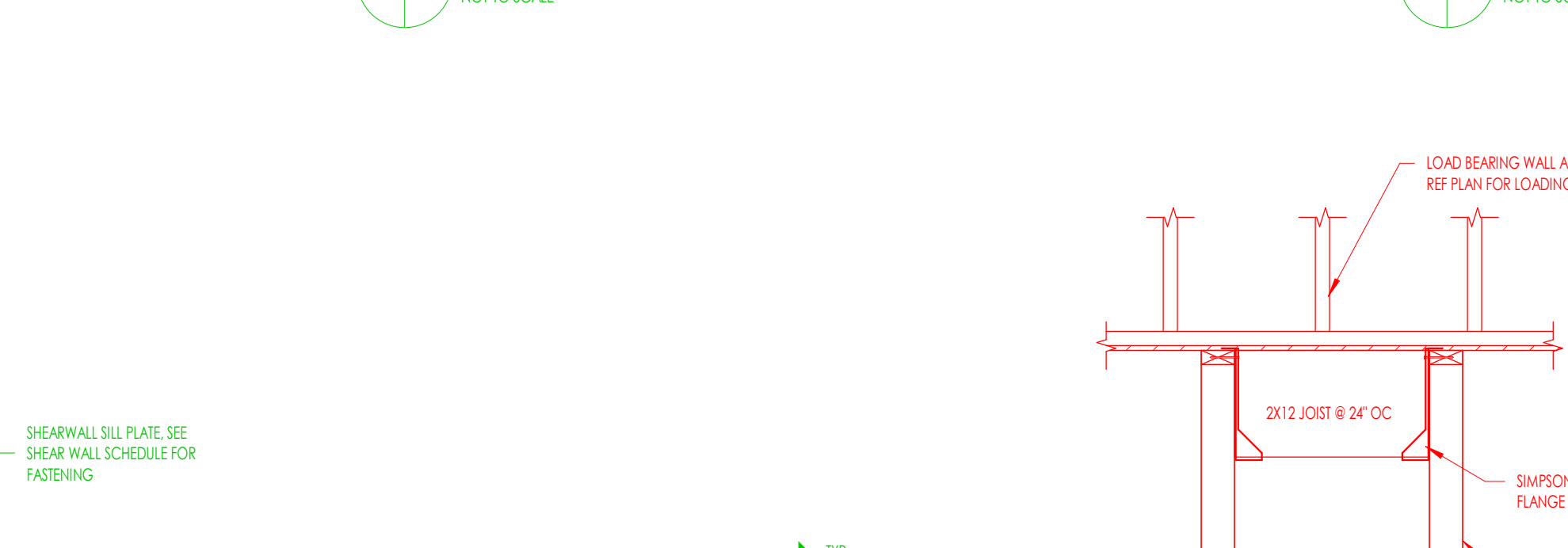
4D TYPICAL FLOOR TRUSS PARALLEL TO EXTERIOR WALL - MULTI-STORY NOT TO SCALE

4C TYPICAL NON-LOAD BEARING WALL ATTACHMENT TO PERPENDICULAR FLOOR TRUSS NOT TO SCALE

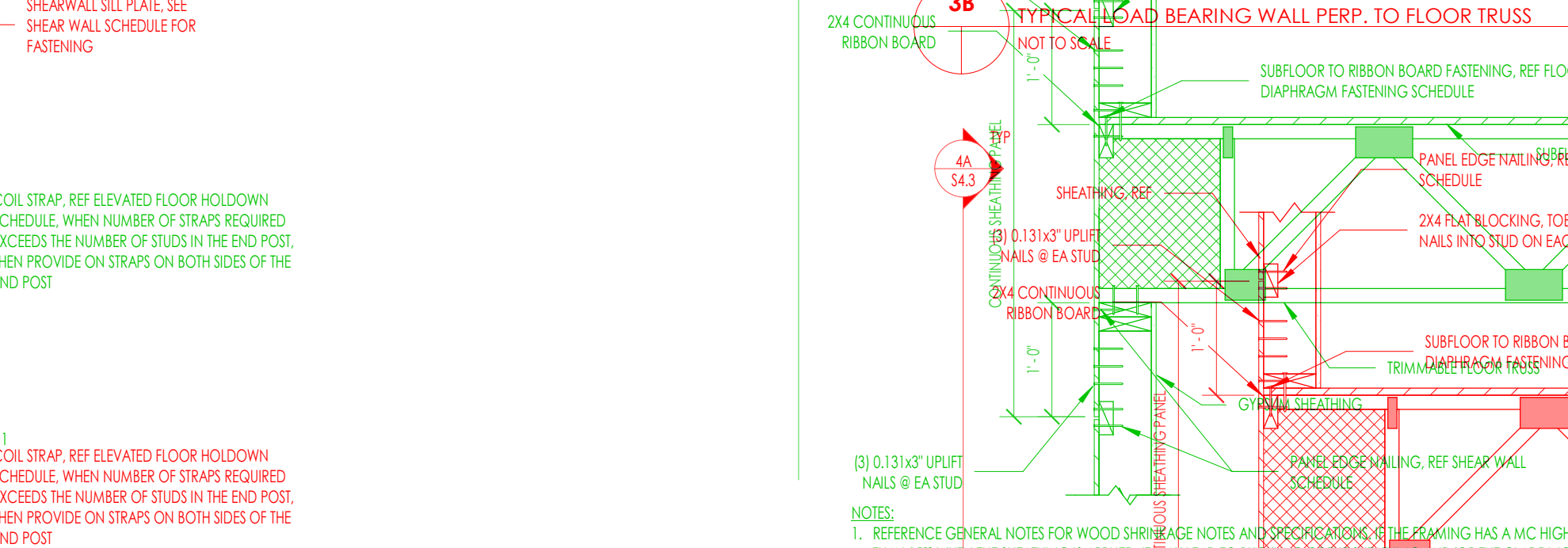


3C TYPICAL LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES NOT TO SCALE

3B TYPICAL LOAD BEARING WALL PERP. TO FLOOR TRUSS NOT TO SCALE



3A 061760 FLOOR - TRIMMABLE TRUSS BOTTOM CHORD BEARING ON EXTERIOR WALL NOT TO SCALE



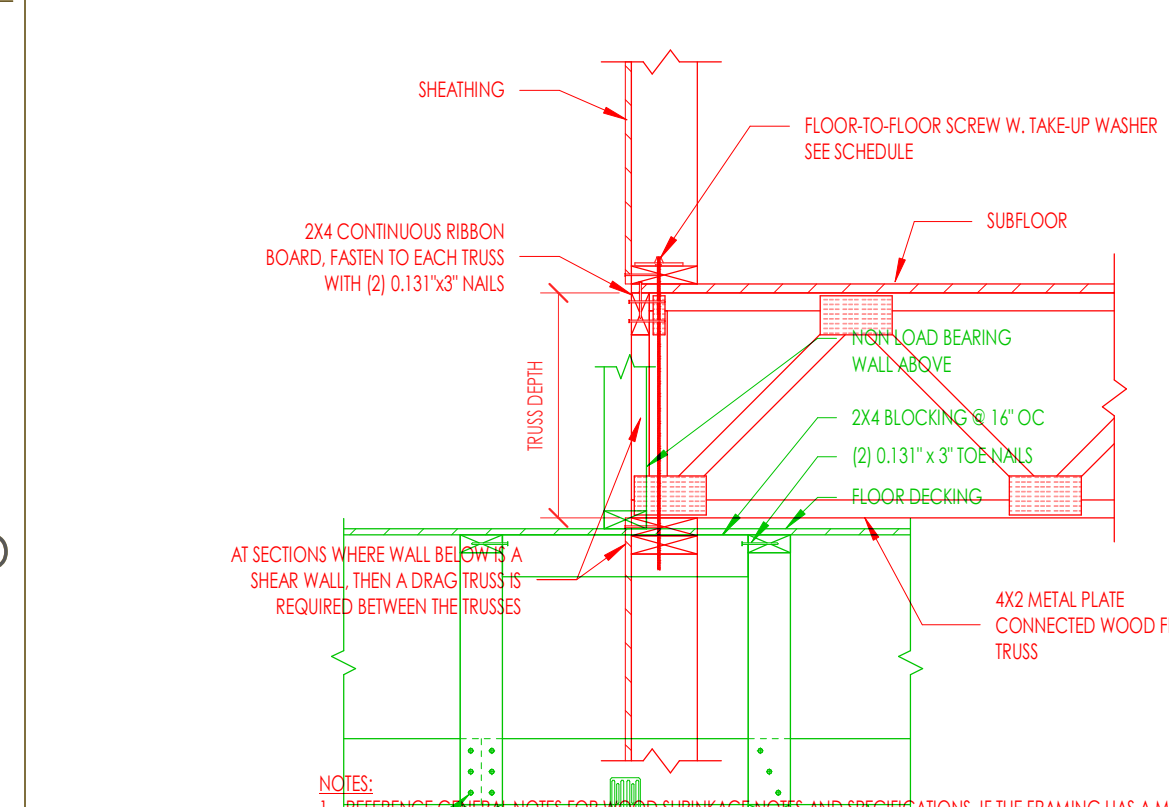
3B TYPICAL LOAD BEARING WALL PERP. TO FLOOR TRUSS NOT TO SCALE

3A 061760 FLOOR - TRIMMABLE TRUSS BOTTOM CHORD BEARING ON EXTERIOR WALL NOT TO SCALE

3A 061760 FLOOR - TRIMMABLE TRUSS BOTTOM CHORD BEARING ON EXTERIOR WALL NOT TO SCALE

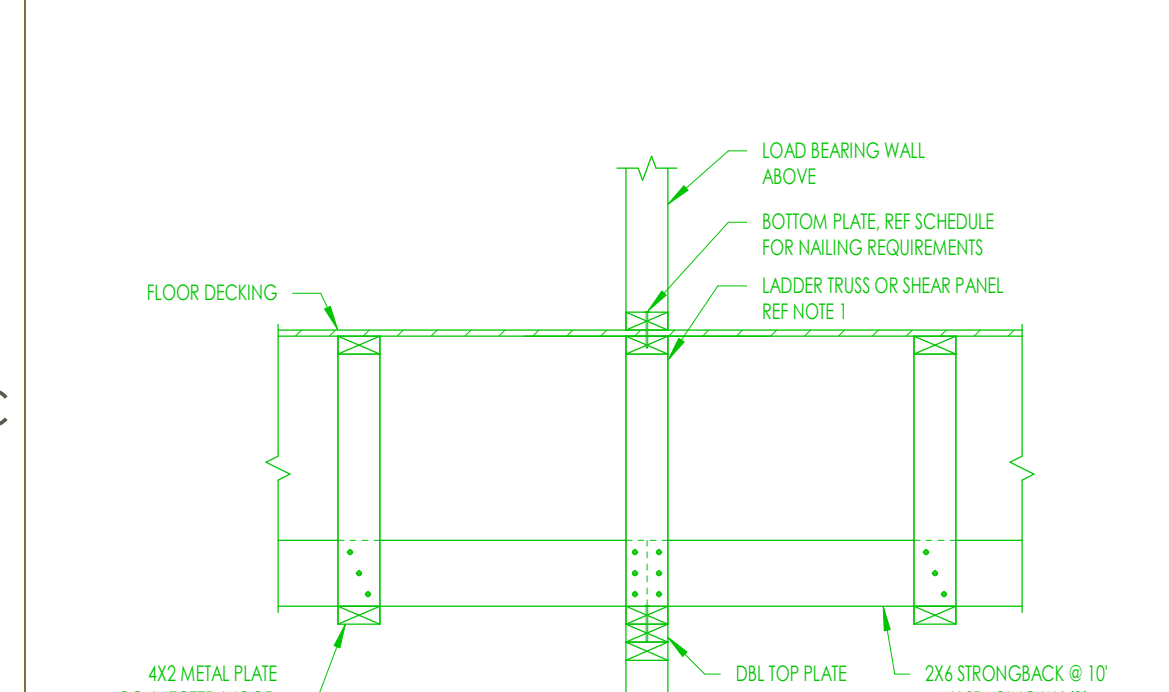
FLOOR-TO-FLOOR SCREW SCHEDULE

12" x TRUSS DEPTH x 14'	SIMPSON SDWF2720-TJM
14" x TRUSS DEPTH x 18'	SIMPSON SDWF2726-TJM
18" x TRUSS DEPTH x 24'	SIMPSON SDWF2730-TJM



4D TYPICAL BOTTOM CHORD BEARING ON EXTERIOR WALL - MULTI-STORY NOT TO SCALE

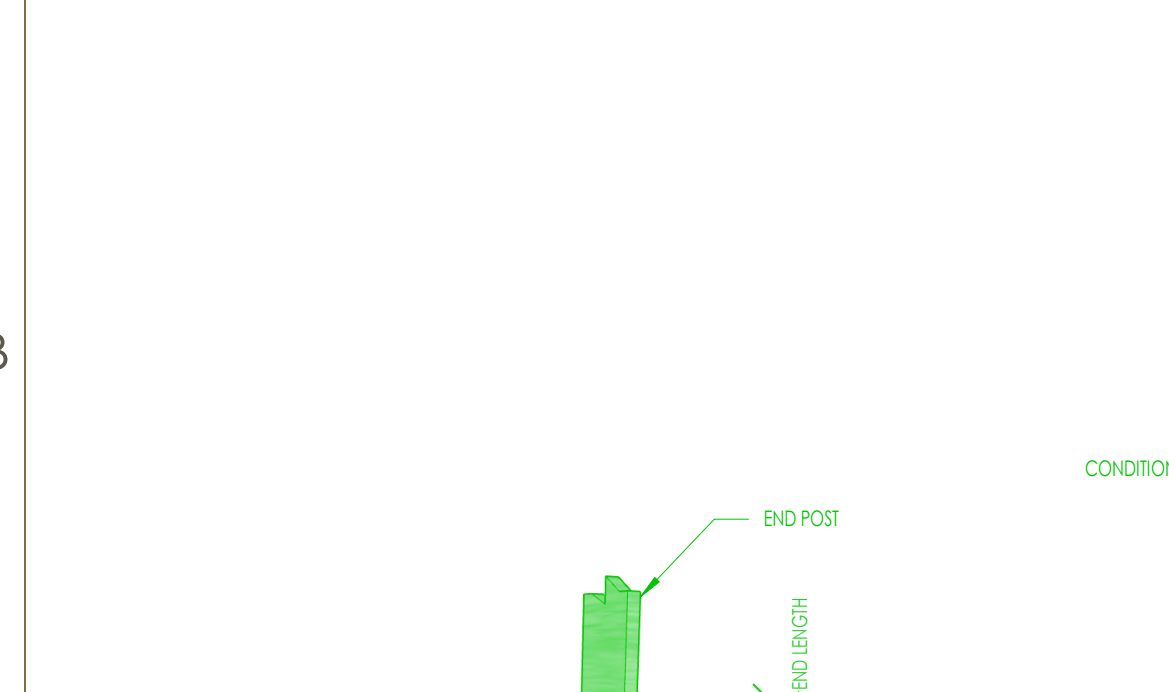
5C TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES NOT TO SCALE



5C TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES NOT TO SCALE

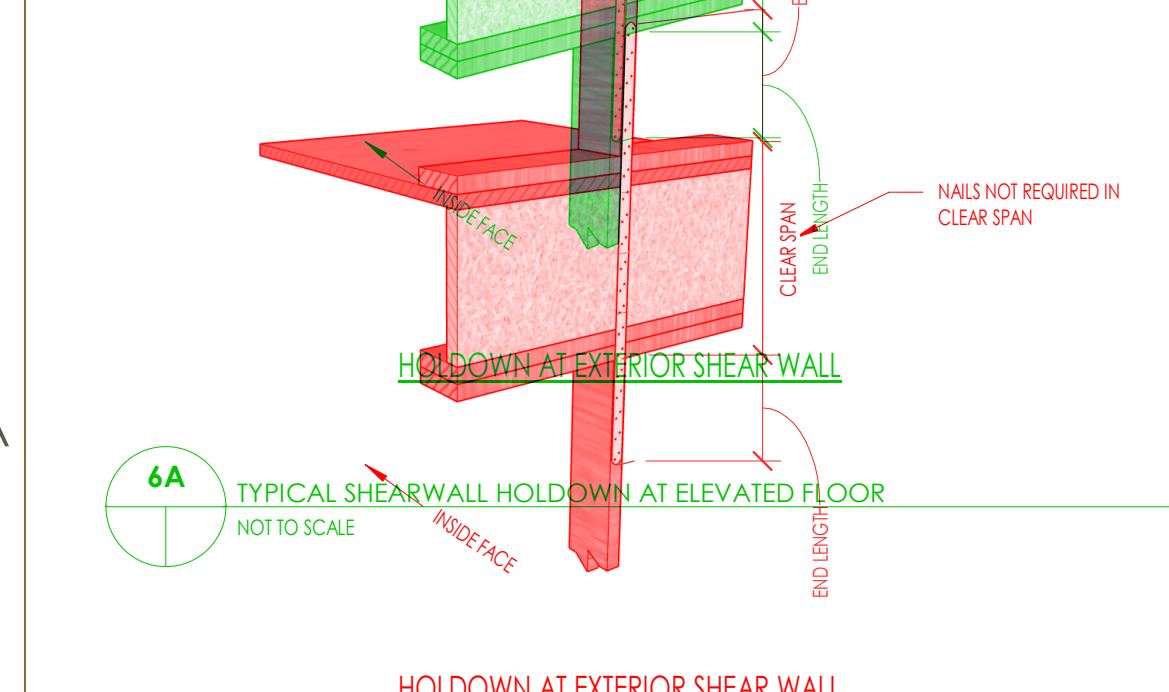
1C TYPICAL LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES NOT TO SCALE

1C TYPICAL LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES NOT TO SCALE



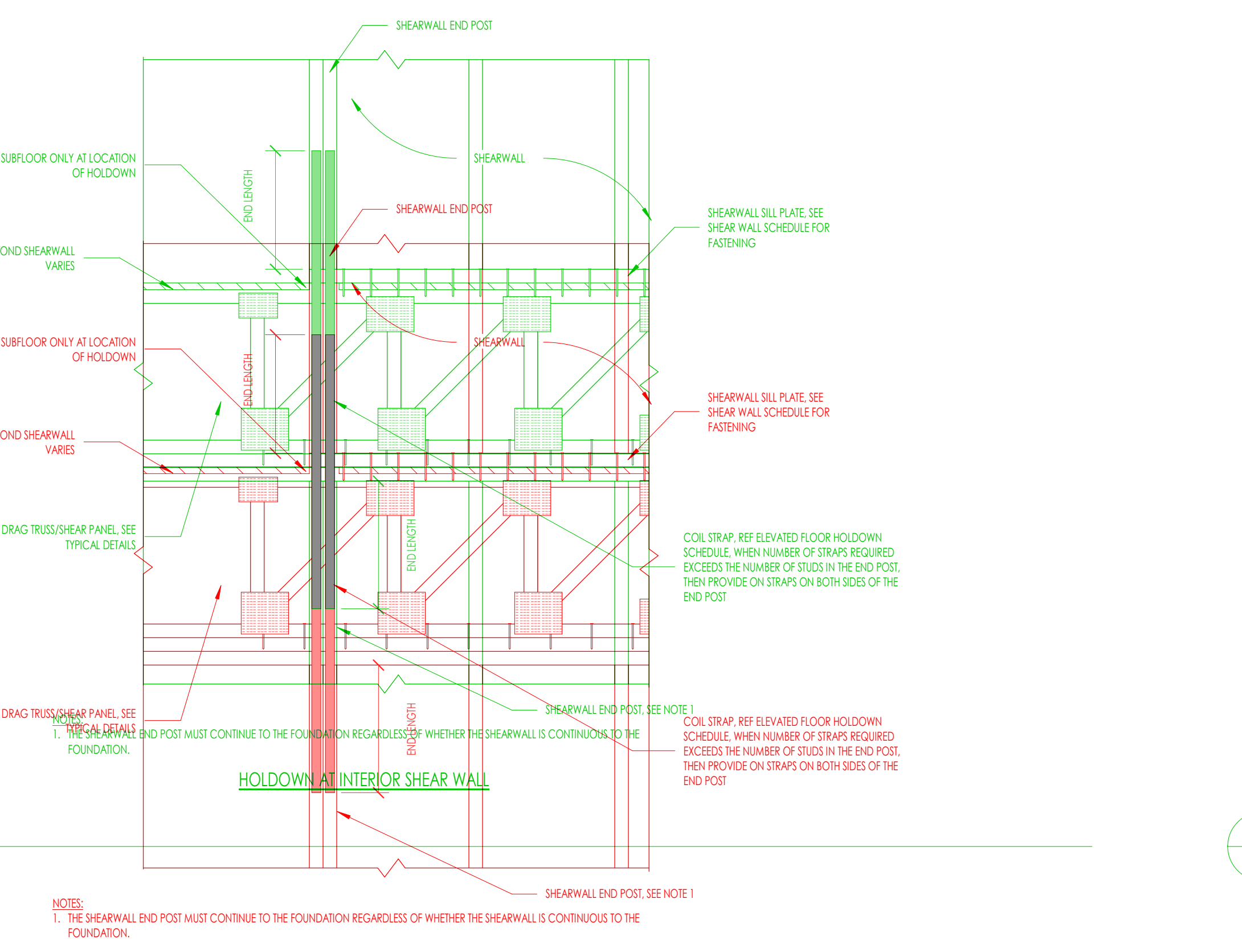
1B TYPICAL TRIMMABLE TRUSS STIFFENING AT INTERIOR SUPPORT NOT TO SCALE

6A TYPICAL SHEARWALL HOLDDOWN AT ELEVATED FLOOR NOT TO SCALE



6A TYPICAL SHEARWALL HOLDDOWN AT ELEVATED FLOOR NOT TO SCALE

6A TYPICAL SHEARWALL HOLDDOWN AT ELEVATED FLOOR NOT TO SCALE



1A TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL NOT TO SCALE

1A TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL NOT TO SCALE

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**openingdesign**

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Madison, WI 53703  
ryan@openingdesign.com | 773.425.6456

Date	Description







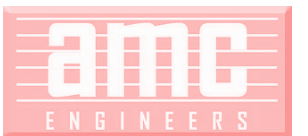
Owner: Renovation Wranglers  
102 E 26th St  
Bryan, TX 77803  
Kateneason@rwr.com | 979.450.9969



Architect of Record: LKB Architecture  
2929 Allen Pkwy Suite 200  
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isa@lkbarchitecture.com | 713.425.3076



Structural: Dudley  
4102 Imperial Loop Drive  
College Station, TX 77845  
(979) 777-0720



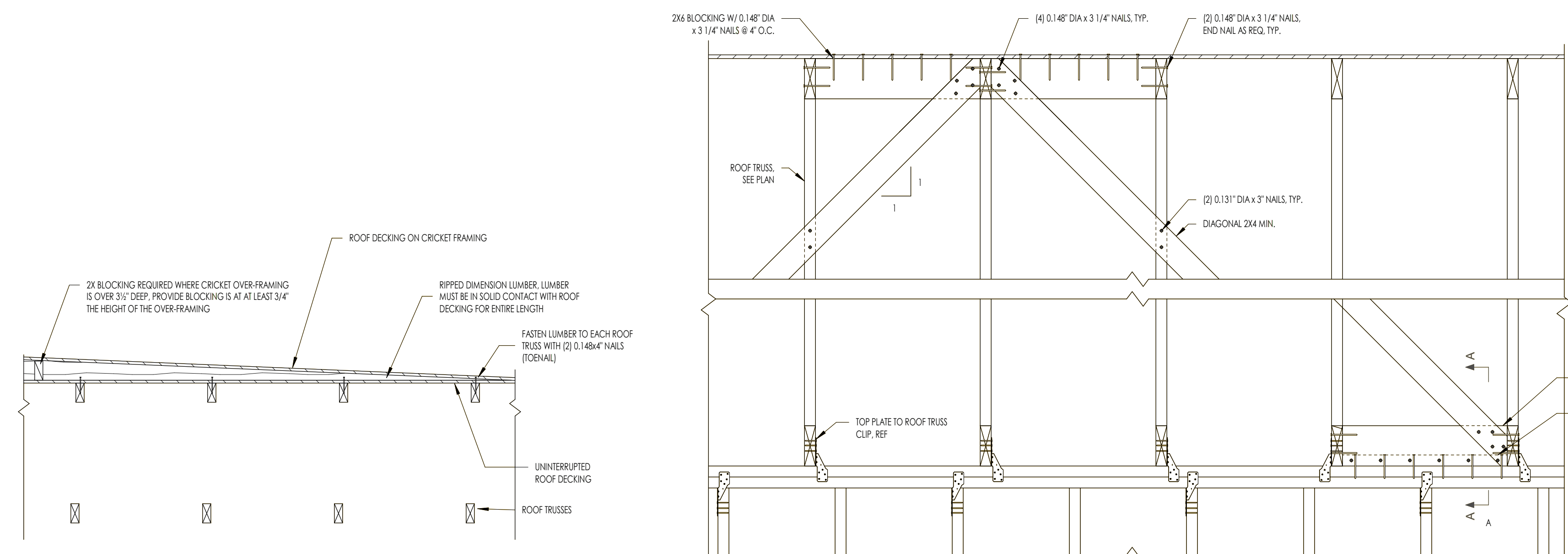
MEP: AMC Engineers  
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Burnet, TX 78611  
info@amcengineers.com

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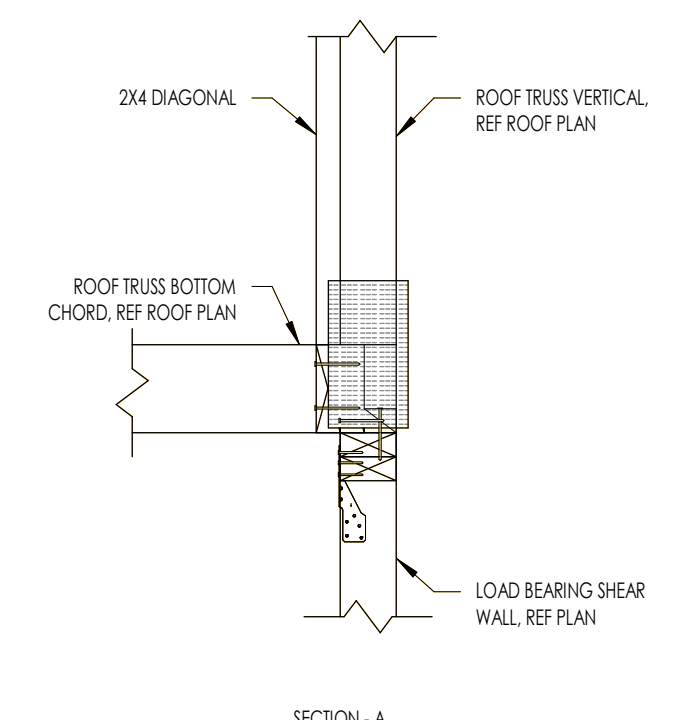


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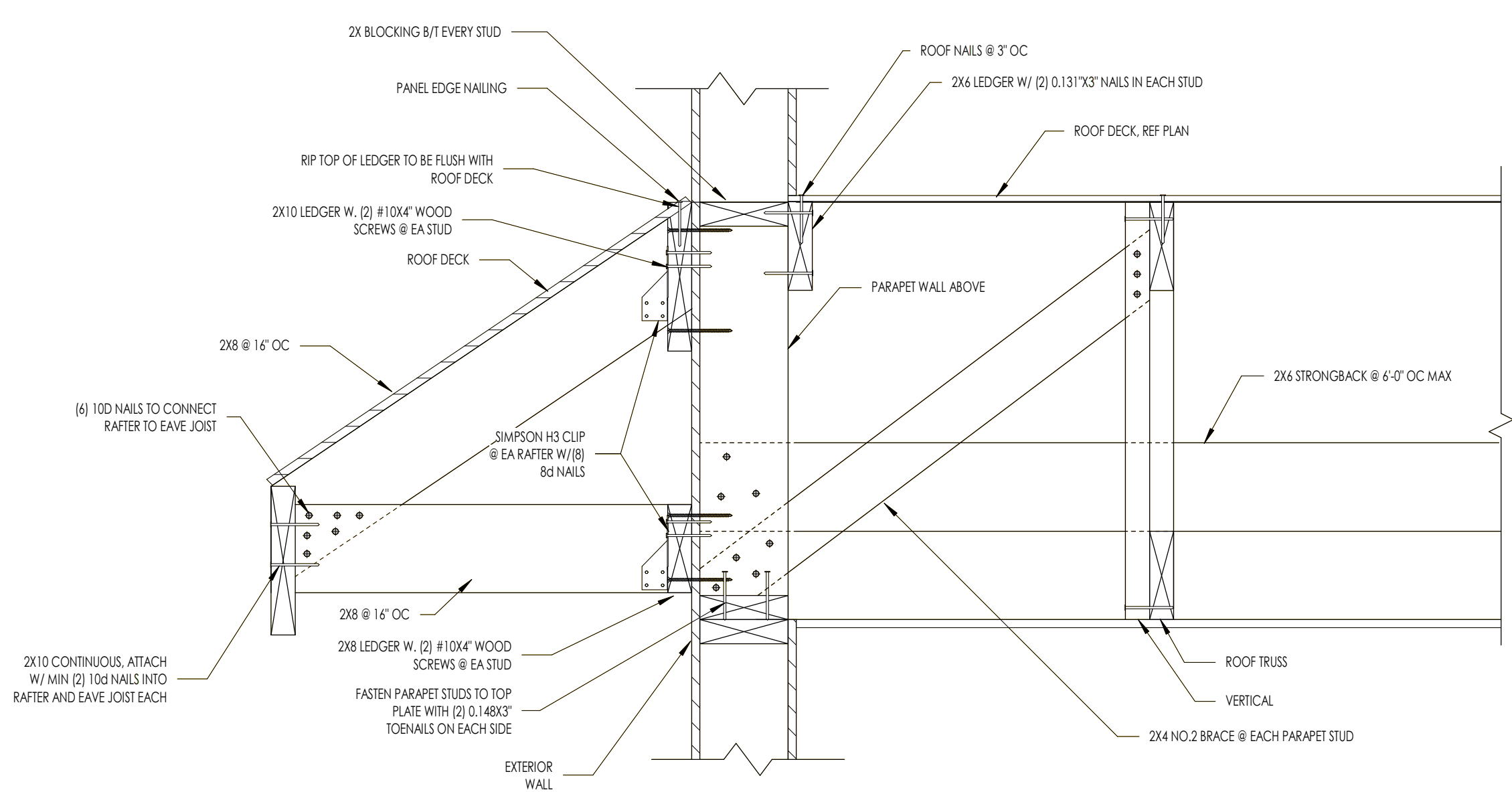
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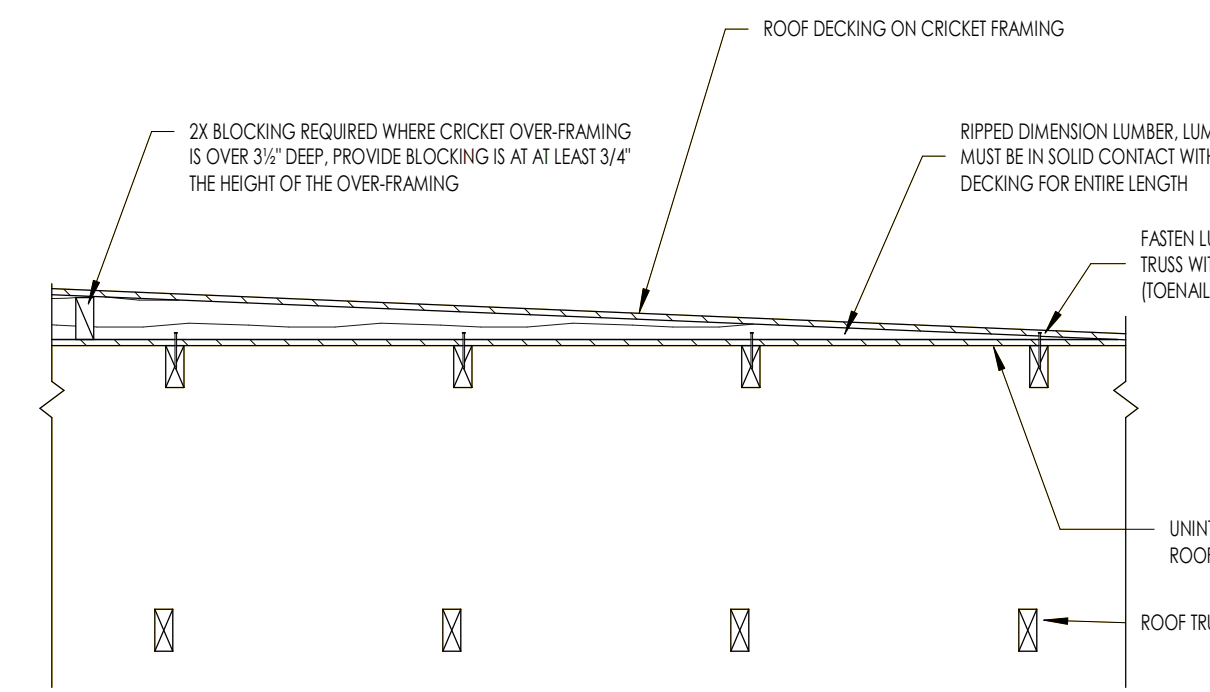
5A 0617-60 ROOF - BRACING AT INTERIOR SHEAR WALL  
NOT TO SCALE



SECTION A-A

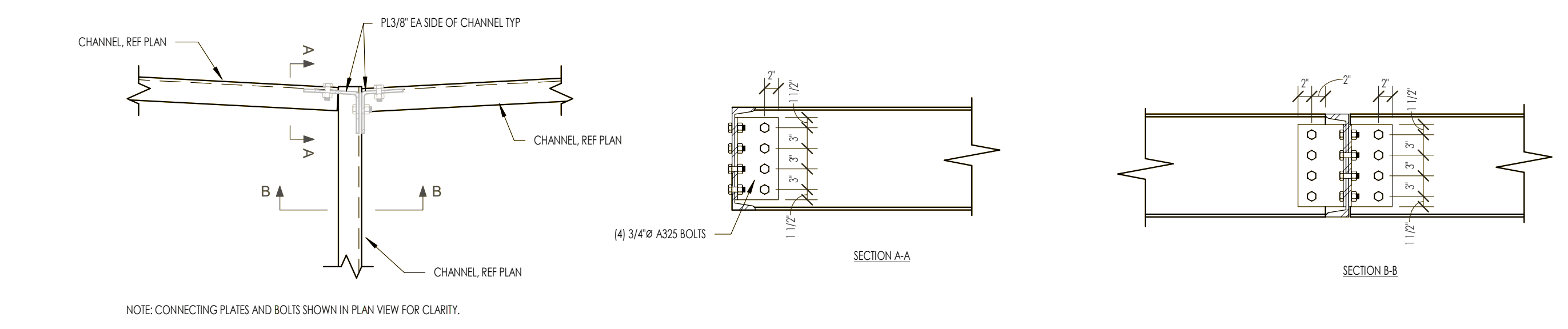


2A ROOF - RAFTER ATTACHMENT INTO WALL  
NOT TO SCALE

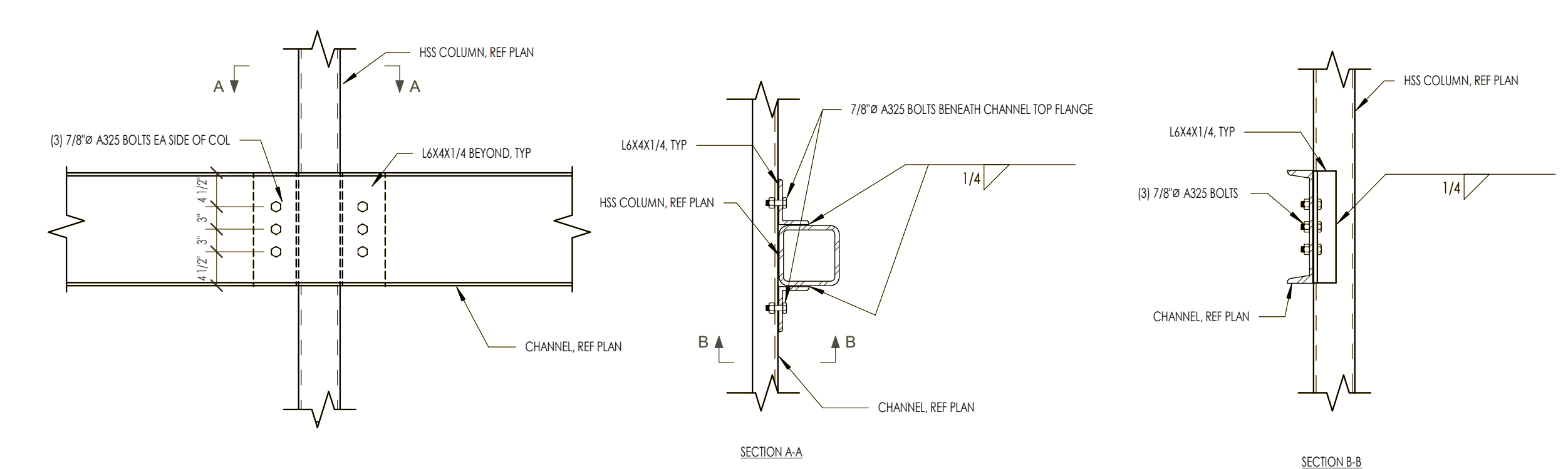


6A TYPICAL CRICKET FRAMING AT ROOF  
NOT TO SCALE

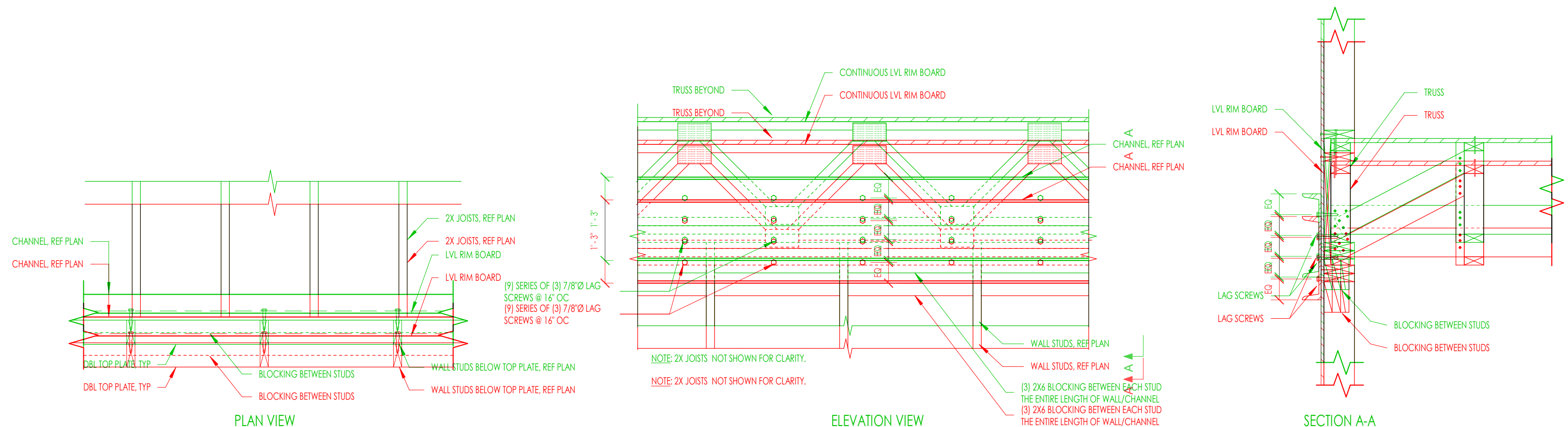
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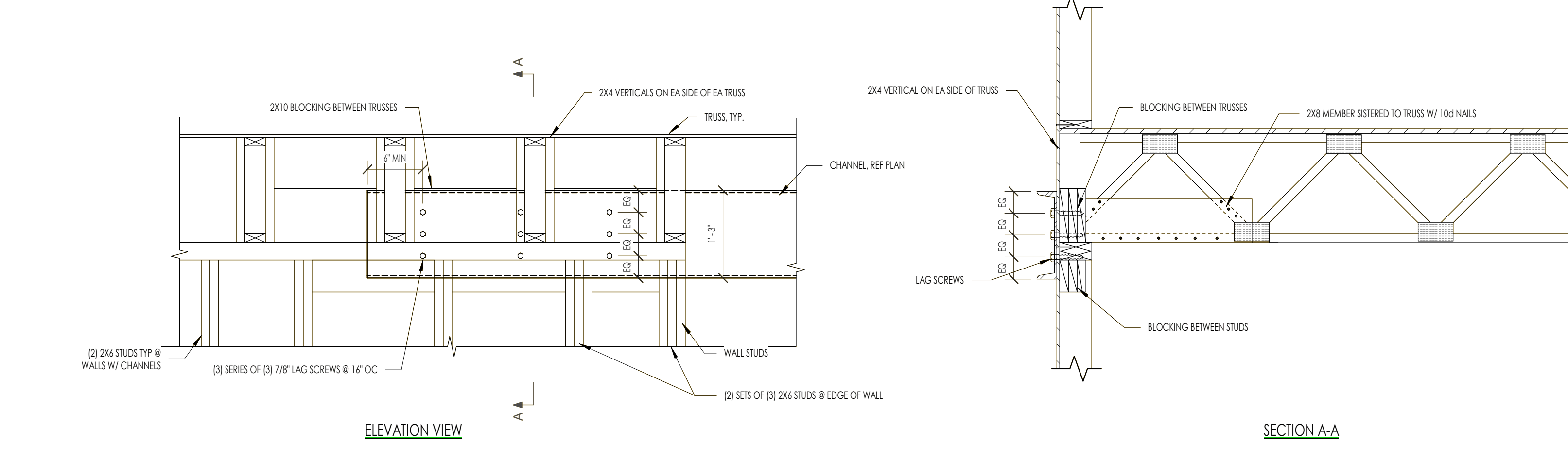
**6B** TYPICAL CHANNEL CONNECTION AT BALCONY  
NOT TO SCALE



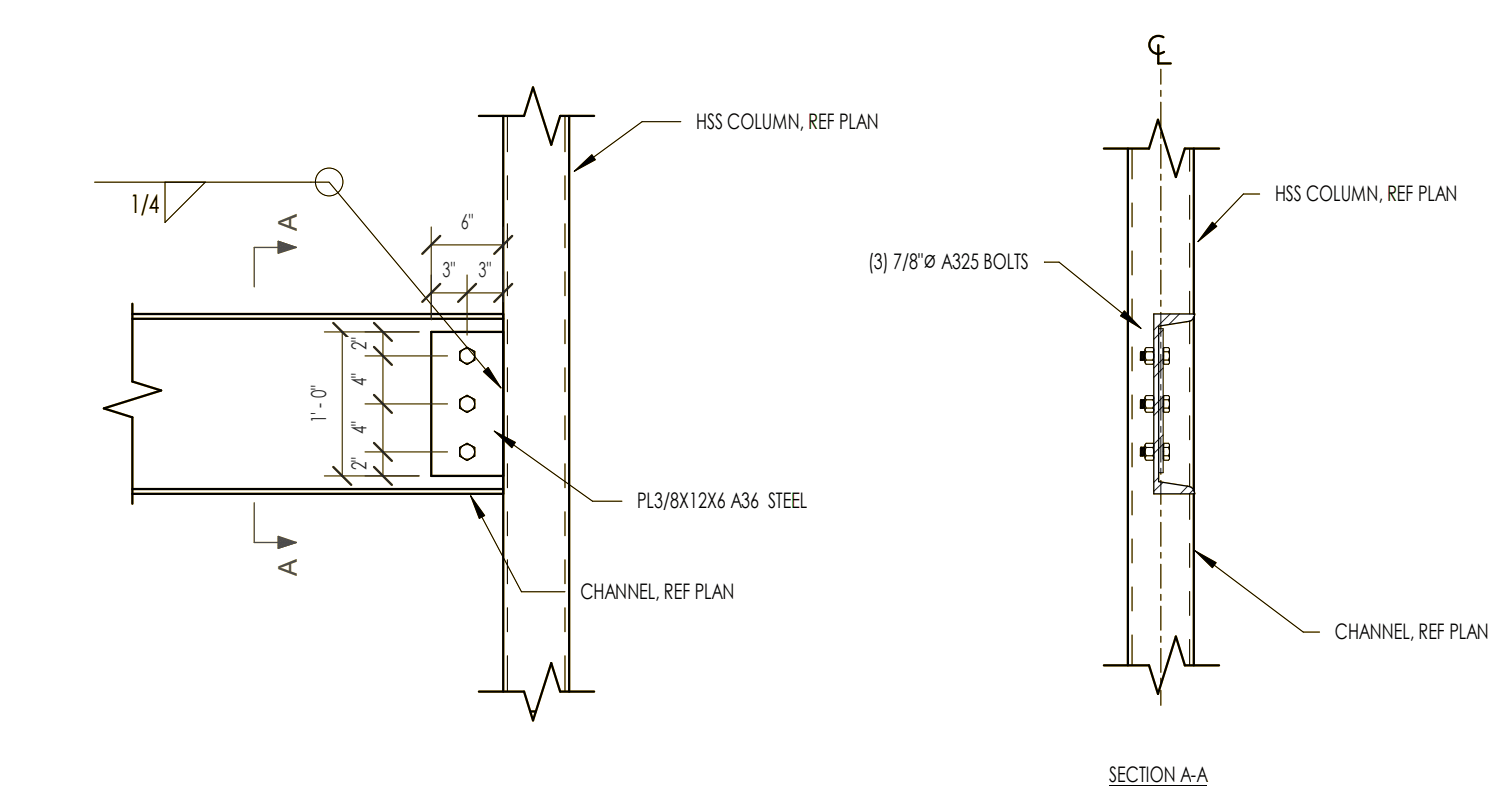
**3B** CHANNEL TO HSS COLUMN CONNECTION - ECCENTRIC  
NOT TO SCALE



**6A** TYPICAL CHANNEL TO WALL STUD CONNECTION  
NOT TO SCALE



**3A** TYPICAL CHANNEL TO WALL STUD CONNECTION Copy 2  
NOT TO SCALE



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

Date	Description