



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...
5. PLEASE SEE THE SPECIAL INSPECTION SCHEDULE FOR THE TESTS, DUTIES AND FREQUENCY OF SPECIAL TESTING...
6. REFER TO ARCHITECTURAL AND/OR MEP DRAWINGS FOR ADDITIONAL SPECIAL INSPECTION REQUIRED...

WIND-RESISTING COMPONENTS (7705.1.3)

- 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 LANDSCAPING HAVE BEEN COMPLETED, GRADES AROUND THE STRUCTURE, PLUMBING LEAK 'HYDROSTATIC' TEST, WHERE PAVING/FLATWORK ABOUT THE FOUNDATION...

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS, VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH, PERFORM CLASSIFICATION AND TESTING OF COMPACTED MATERIALS...

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: PREFABRICATED WOOD STRUCTURAL ELEMENTS, HIGH-LOAD DIAPHRAGMS, METAL PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FT OR GREATER, INSPECTION OF NAILING, BOLTING, ANCHORING AND OTHER FASTENING COMPONENTS...

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: INSPECTION TASKS PRIOR TO WELDING, WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE, MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE...

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: WPS FOLLOWED, CONTROL AND HANDLING OF WELDING CONSUMABLES, ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE)...

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: WELDS CLEANED, SIZE, LENGTH AND LOCATION OF WELDS, WELDS MEET VISUAL ACCEPTANCE CRITERIA, AWC STRIKES, I-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 8.2: 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 (SNUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING...

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: STRUCTURAL STEEL HIGH-STRENGTH BOLTS (SNUG-TIGHT) - INSPECTION TASKS DURING BOLTING...

RENOVATION Wranglers logo and contact information: Owner: Renovation Wranglers, 102 E 26th St, Bryan, TX 77803...

DUDDLEY logo and contact information: Structural: Dudley, 6102 Impetial Loop Drive, College Station, TX 77845...

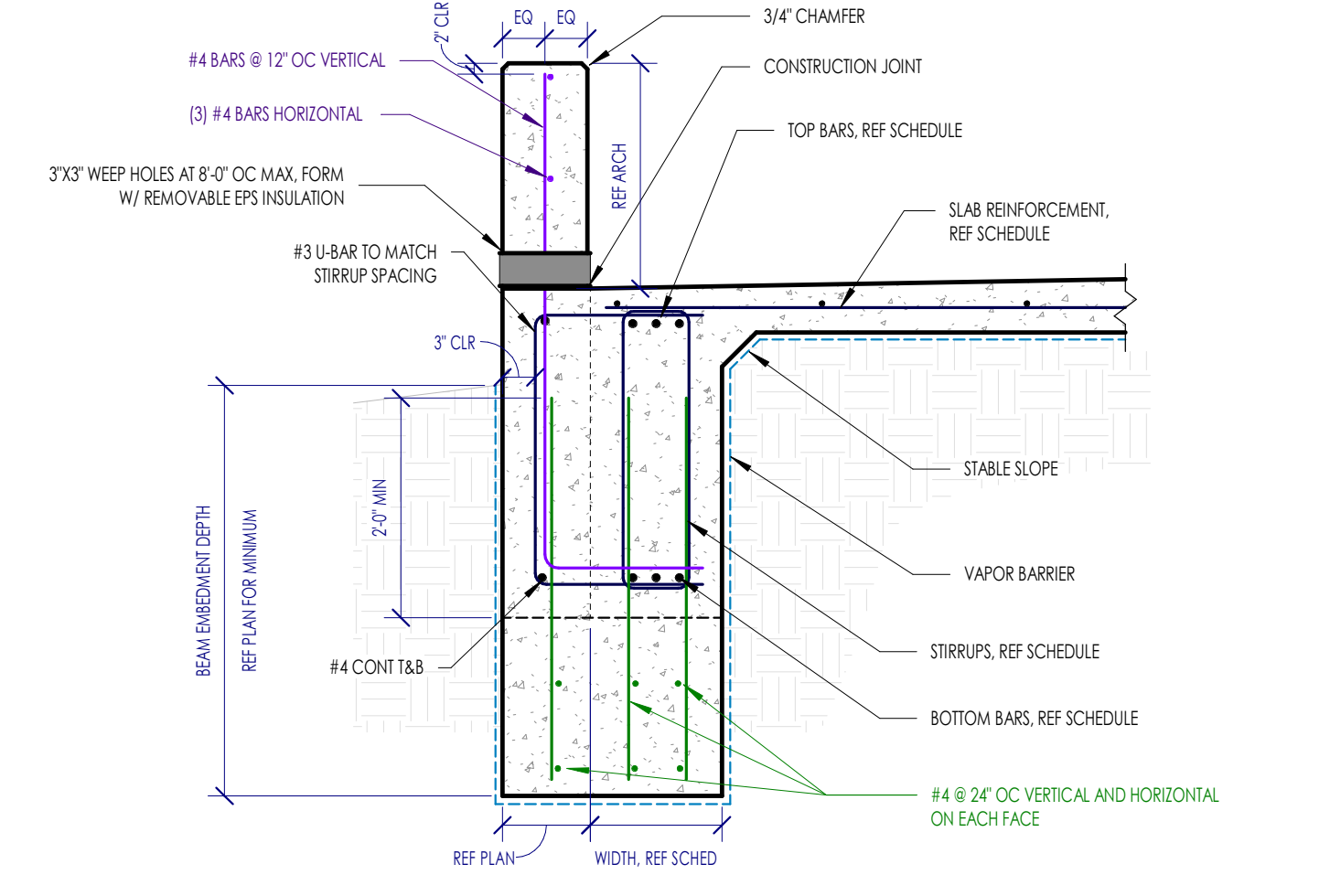
amc ENGINEERS logo and contact information: MEP: AMC Engineers, 508 E Jackson St # 552, Burnet, TX 78611...

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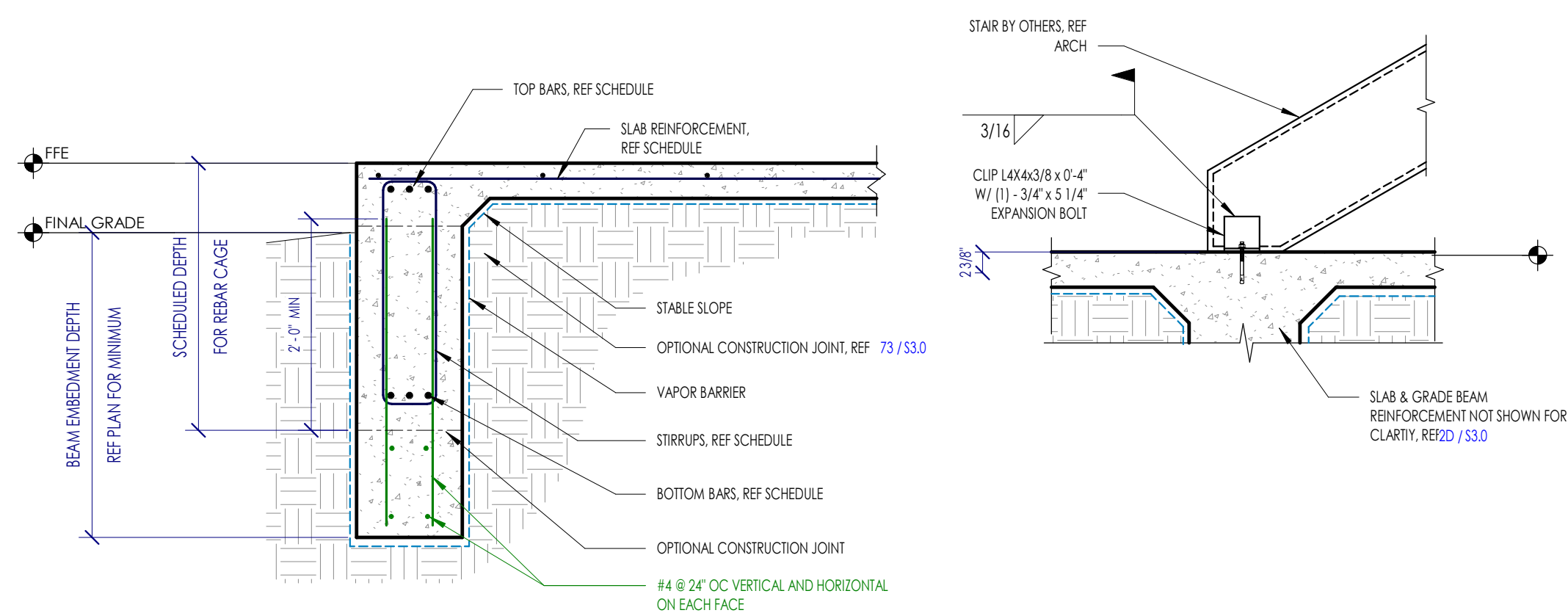
openingdesign logo and contact information: Architect: OpeningDesign, 17 S Fairchild | FL 7, Madison, WI 53703...

Table with 2 columns: Date, Description. Row: 06/10/2022, Issued for Permit

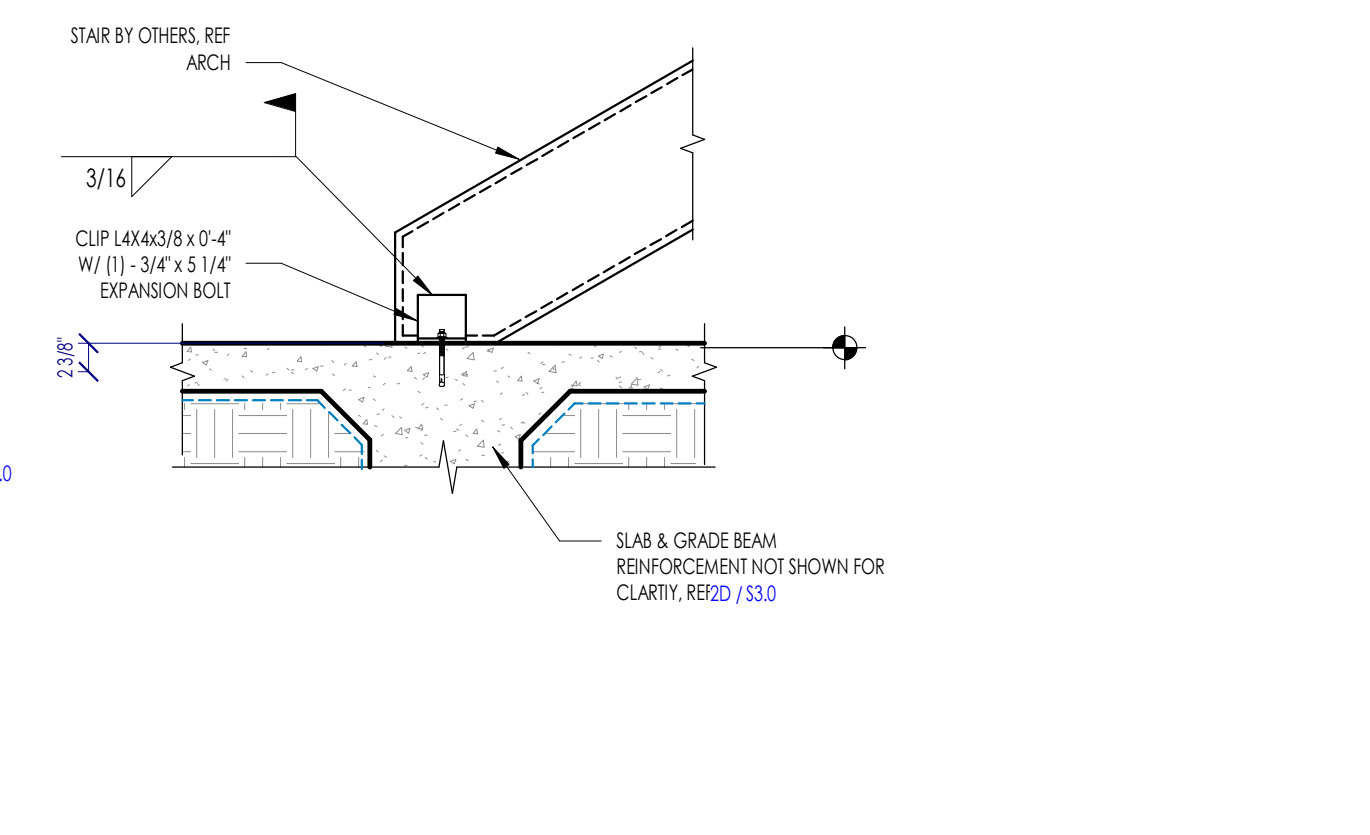




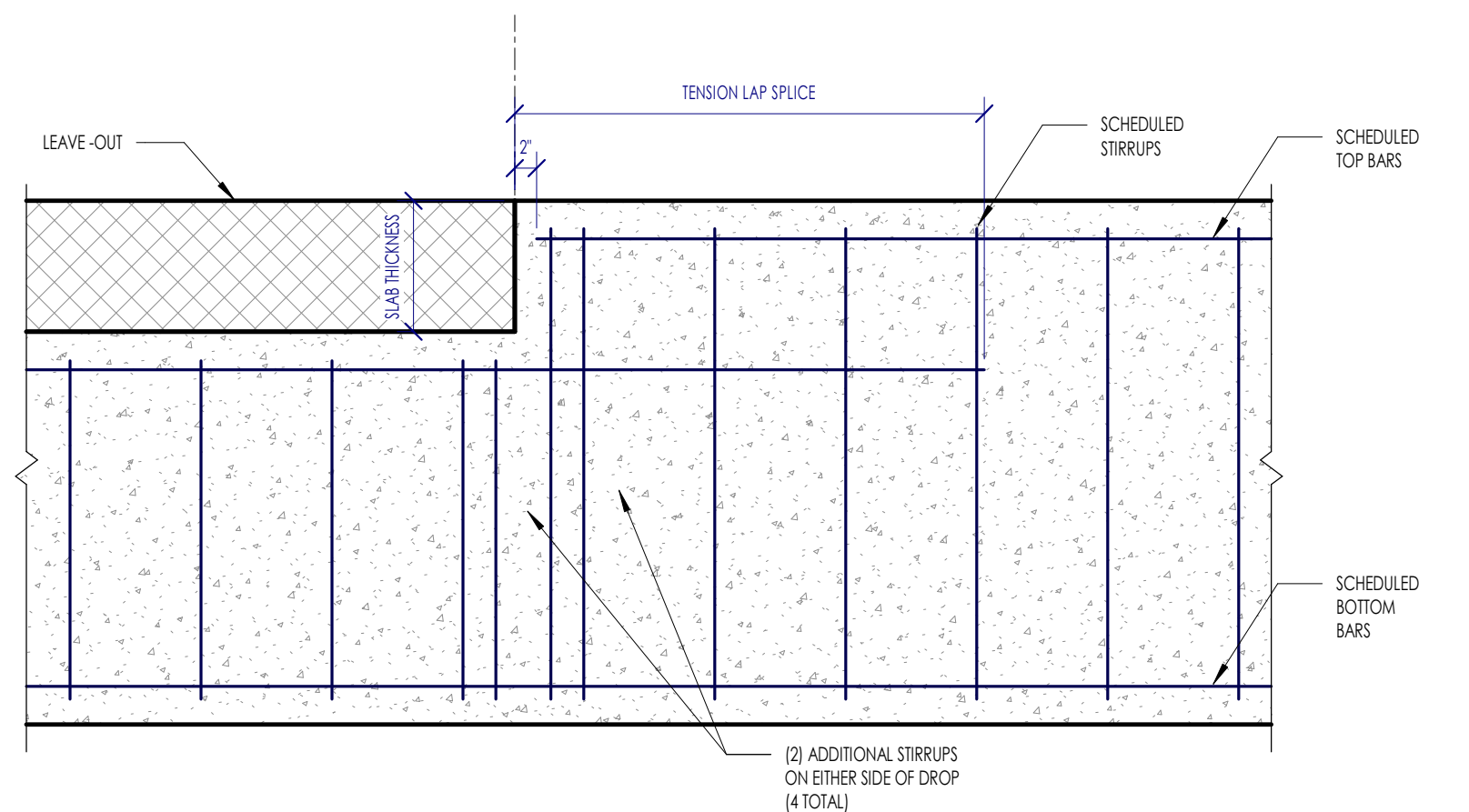
1D S3.1 TYPICAL EXTERIOR WIDENED GRADE BEAM AT CURB - VERTICAL MOISTURE BARRIER



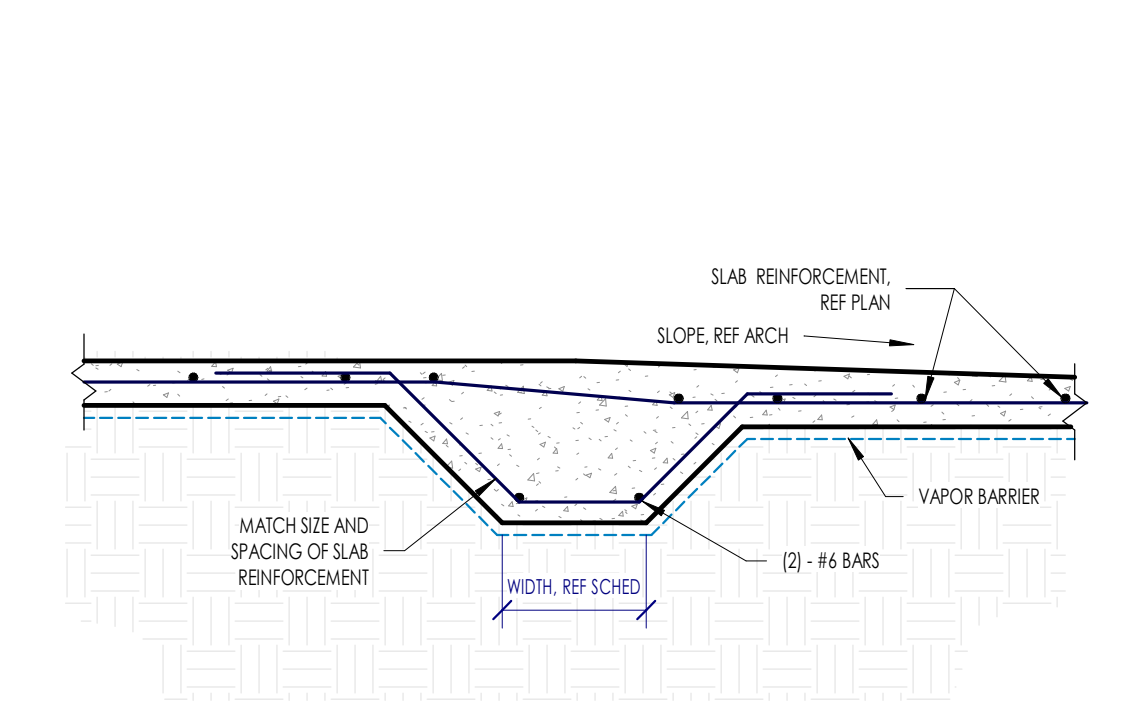
6C S3.1 TYPICAL EXTERIOR GRADE BEAM - VERTICAL MOISTURE BARRIER



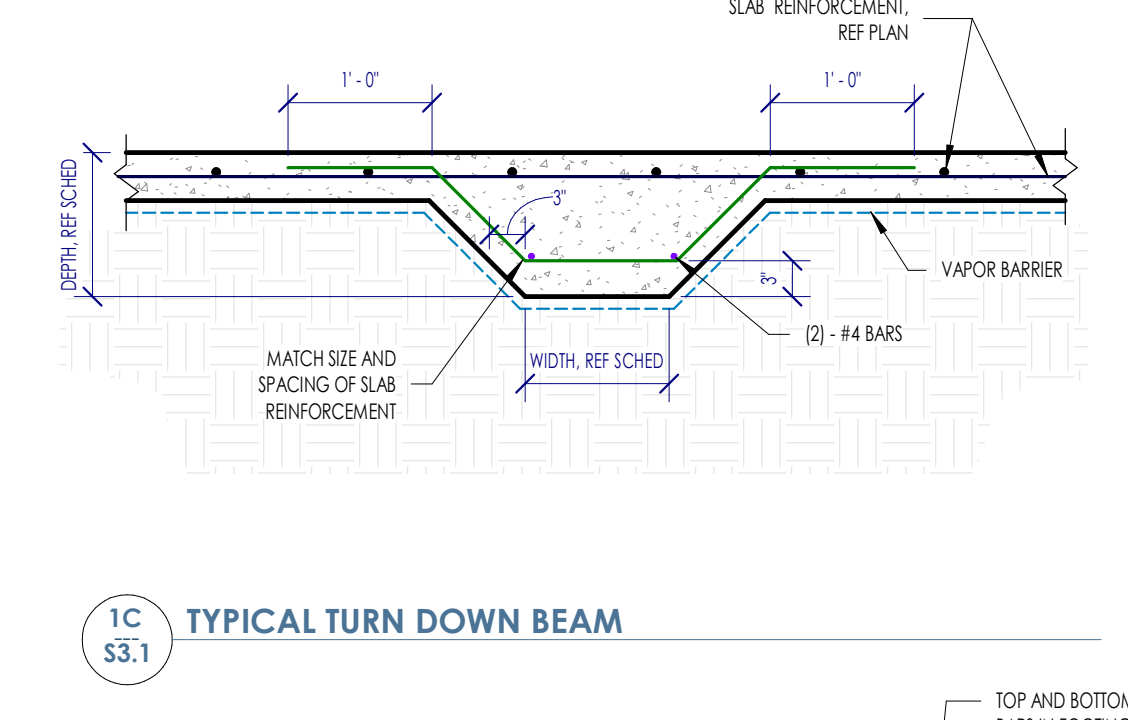
5C S3.1 TYPICAL GRADE BEAM AT STEEL STAIRS



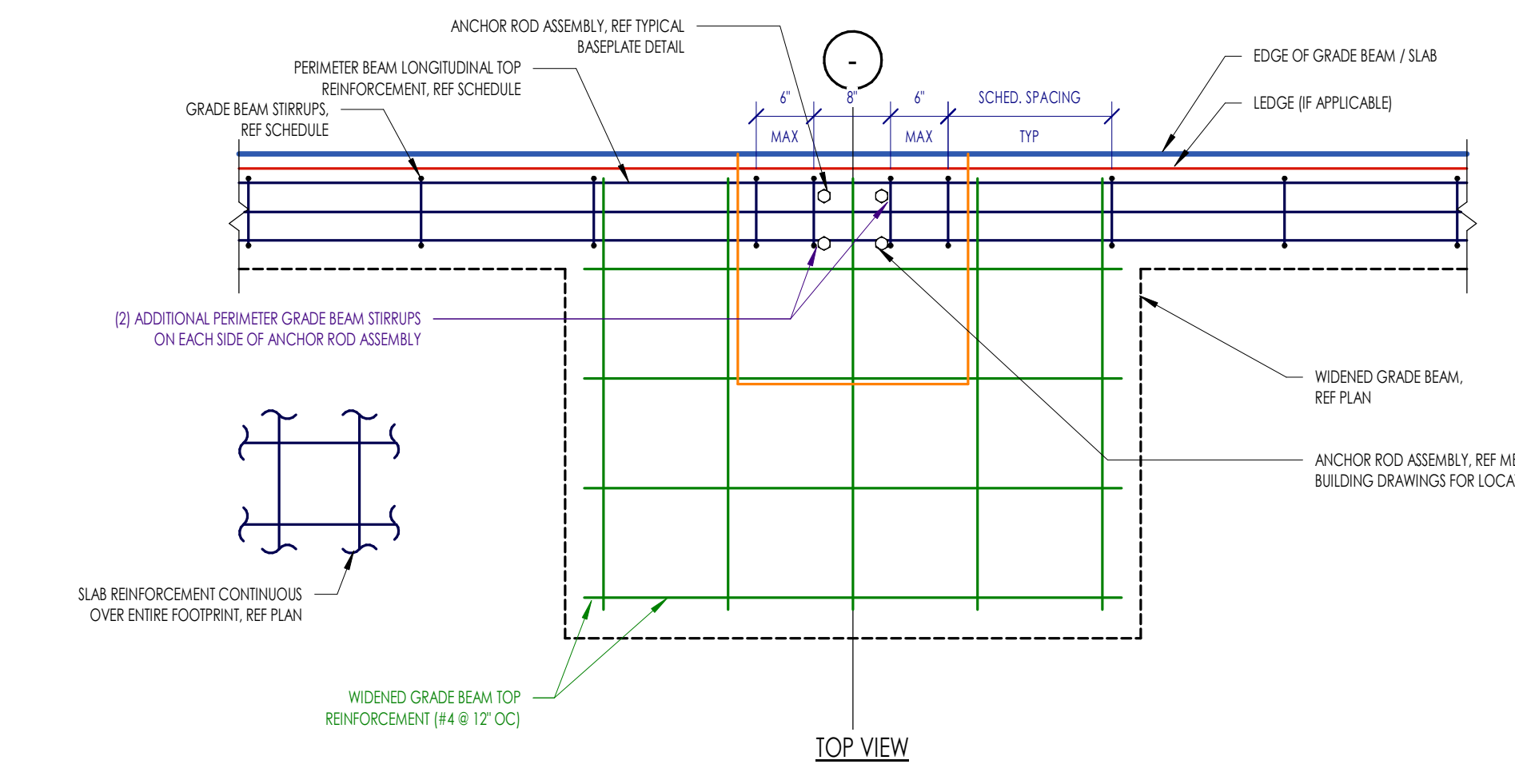
4C S3.1 TYPICAL DROP TRANSITION IN GRADE BEAM TOP REINFORCEMENT AT SLAB LEAVE-OUT



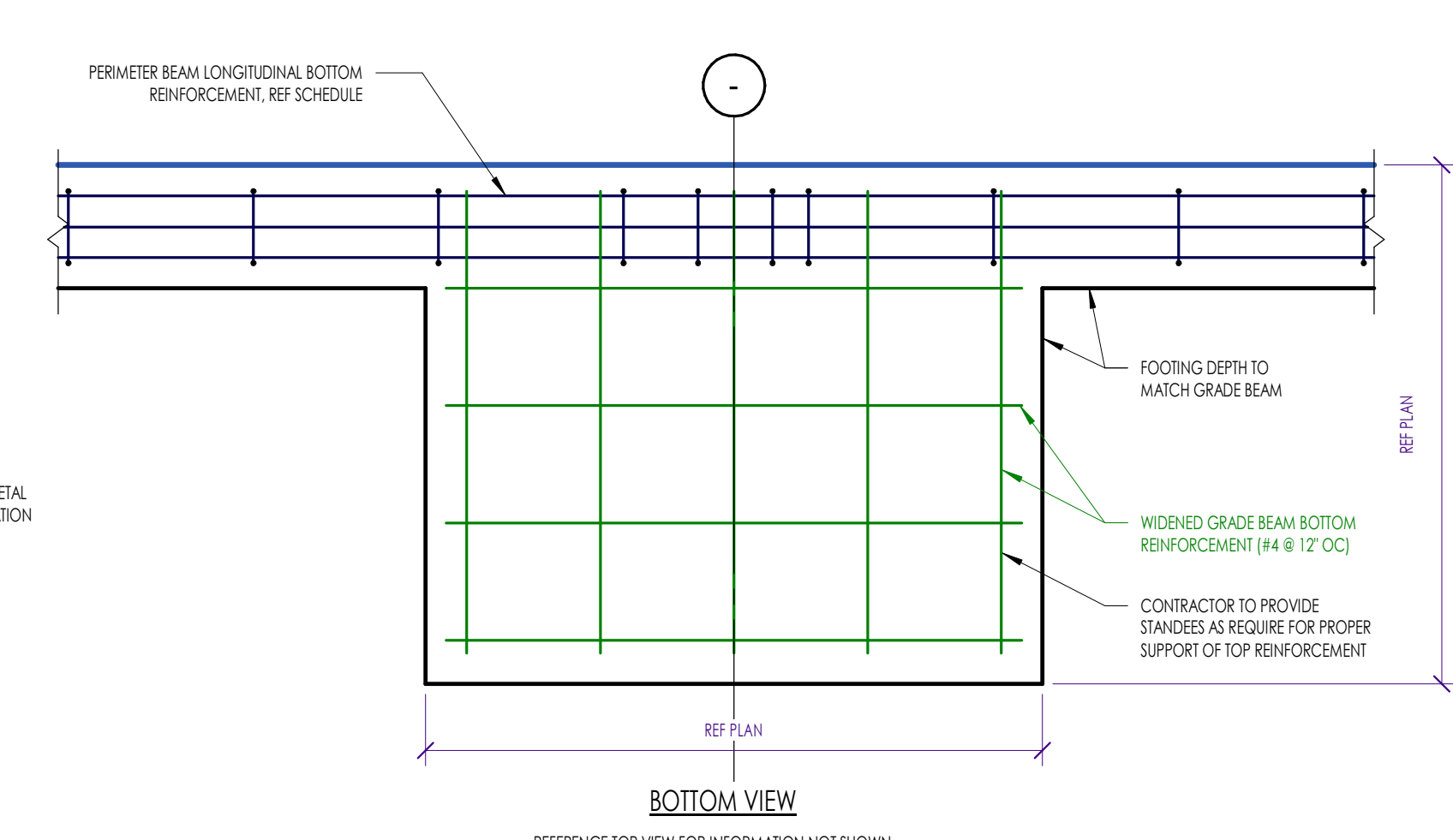
2C S3.1 CSOG - TURN DOWN AT SLAB DROP



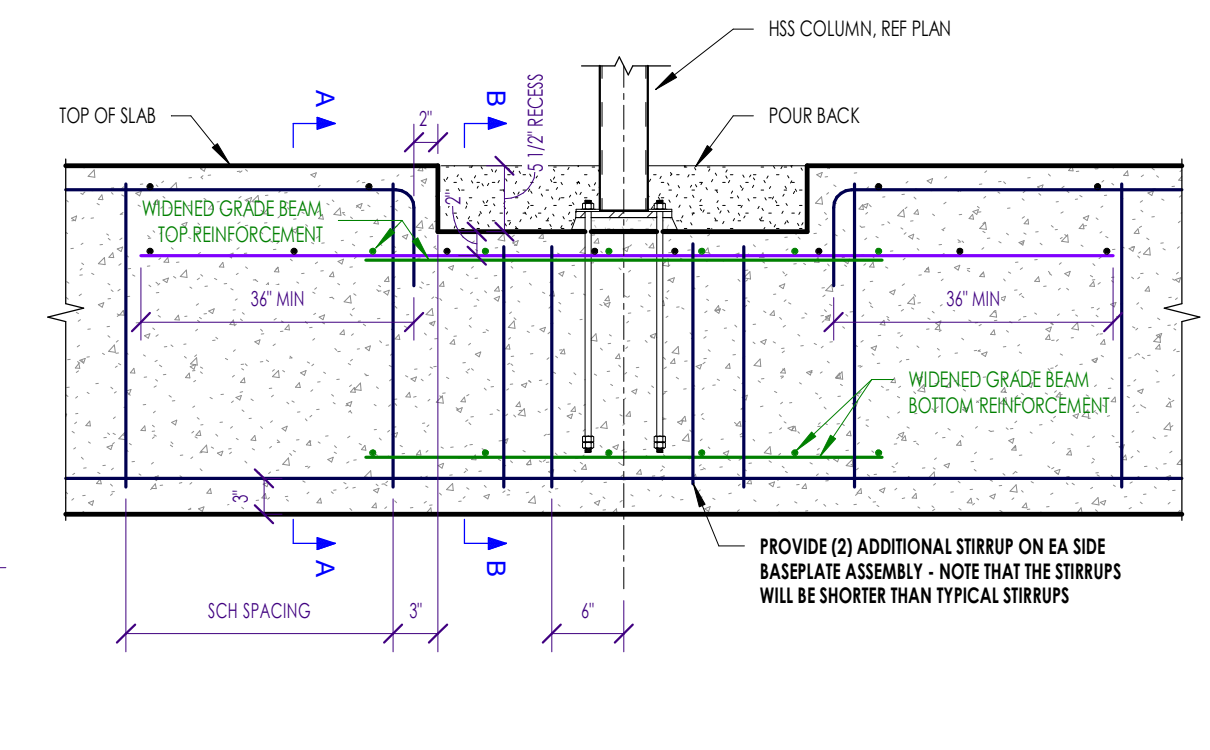
1C S3.1 TYPICAL TURN DOWN BEAM



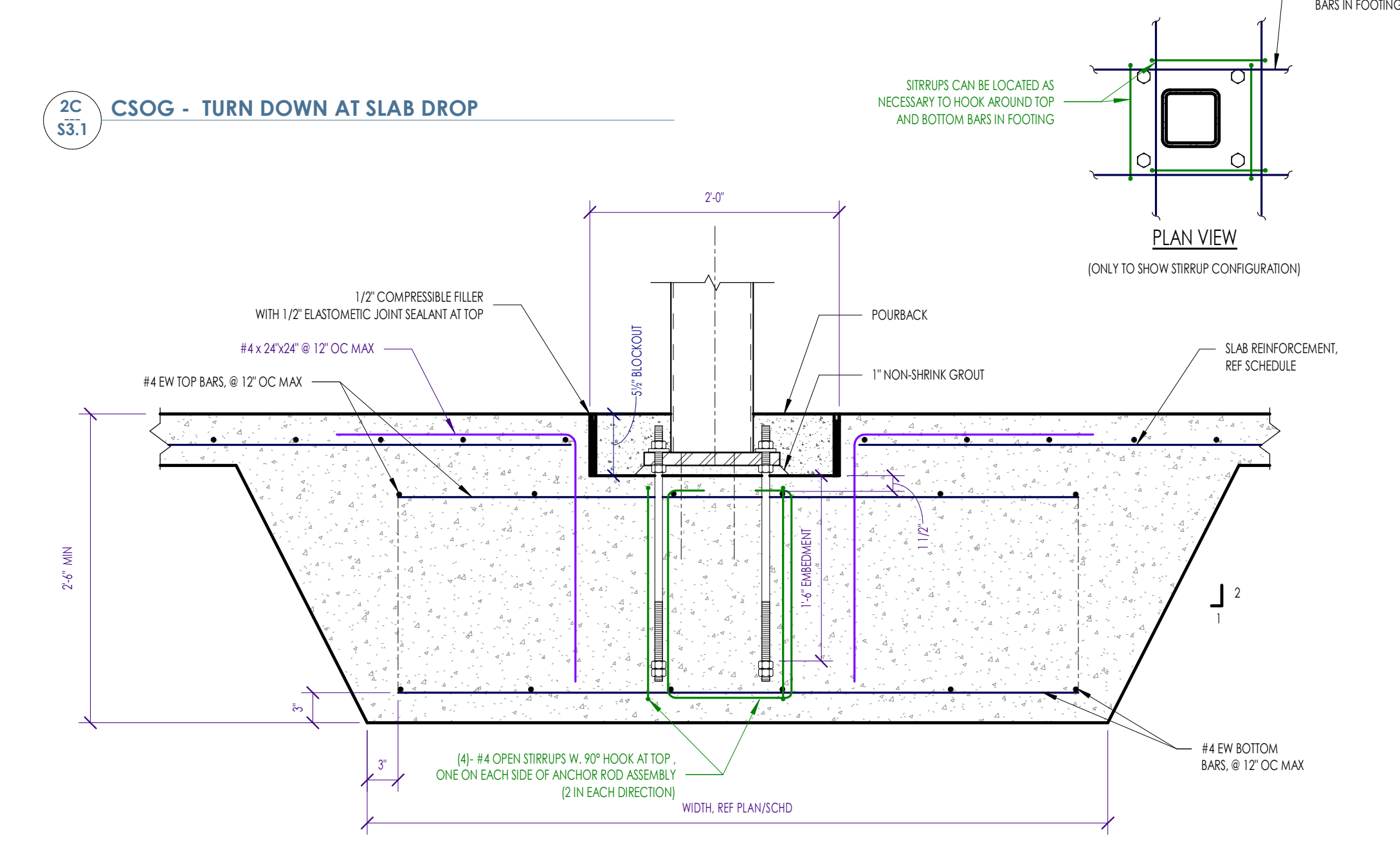
6B S3.1 TYPICAL WIDENED FOOTING AT COLUMN - EMBEDDED BASE PLATE



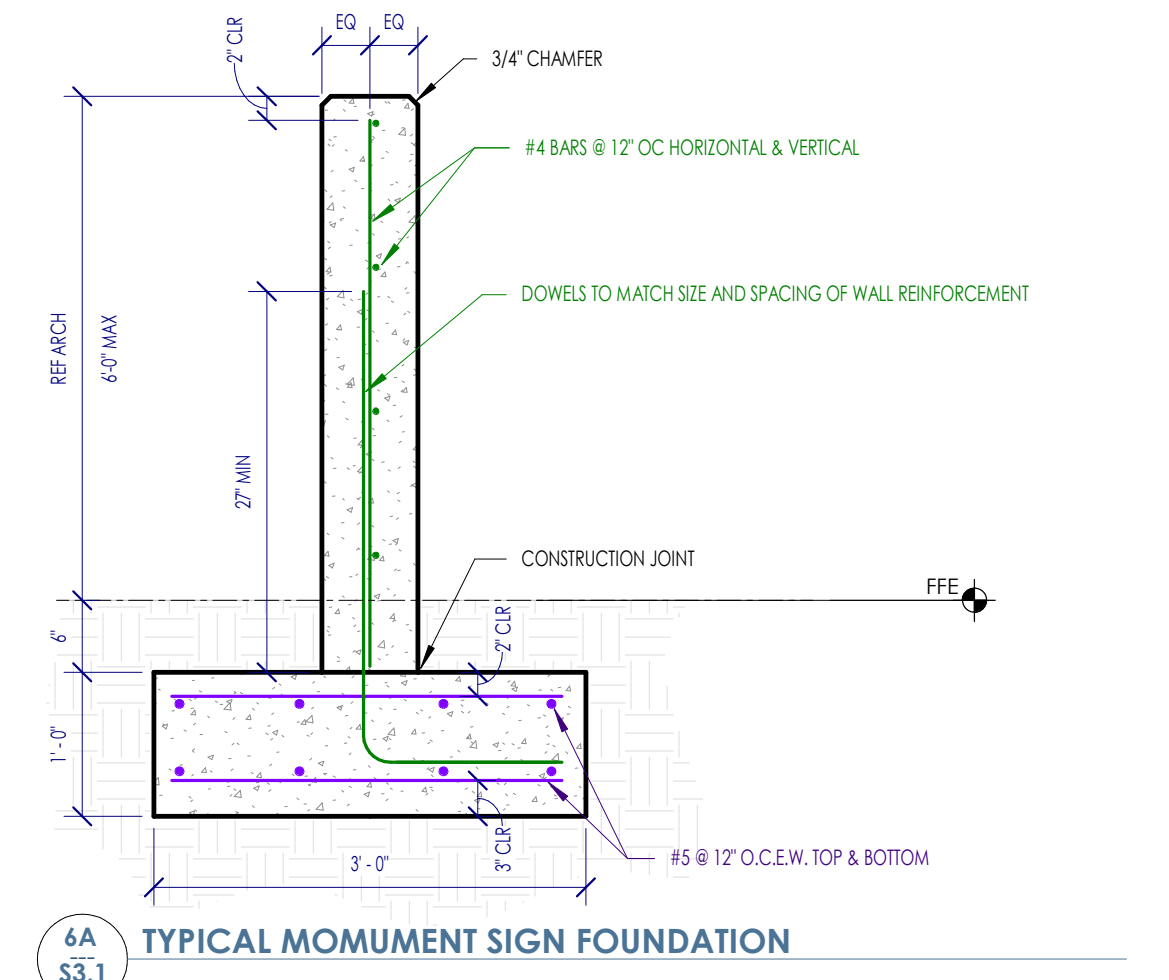
4C S3.1 TYPICAL DROP TRANSITION IN GRADE BEAM TOP REINFORCEMENT AT SLAB LEAVE-OUT



2B S3.1 TYPICAL SPREAD FOOTING AT INTERIOR COLUMN



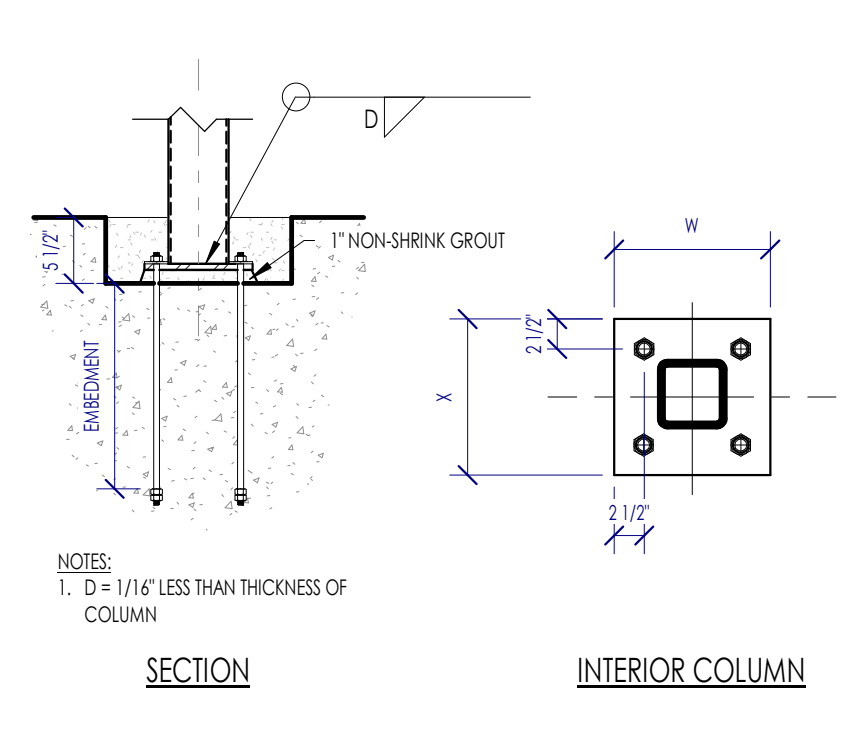
2B S3.1 TYPICAL SPREAD FOOTING AT INTERIOR COLUMN



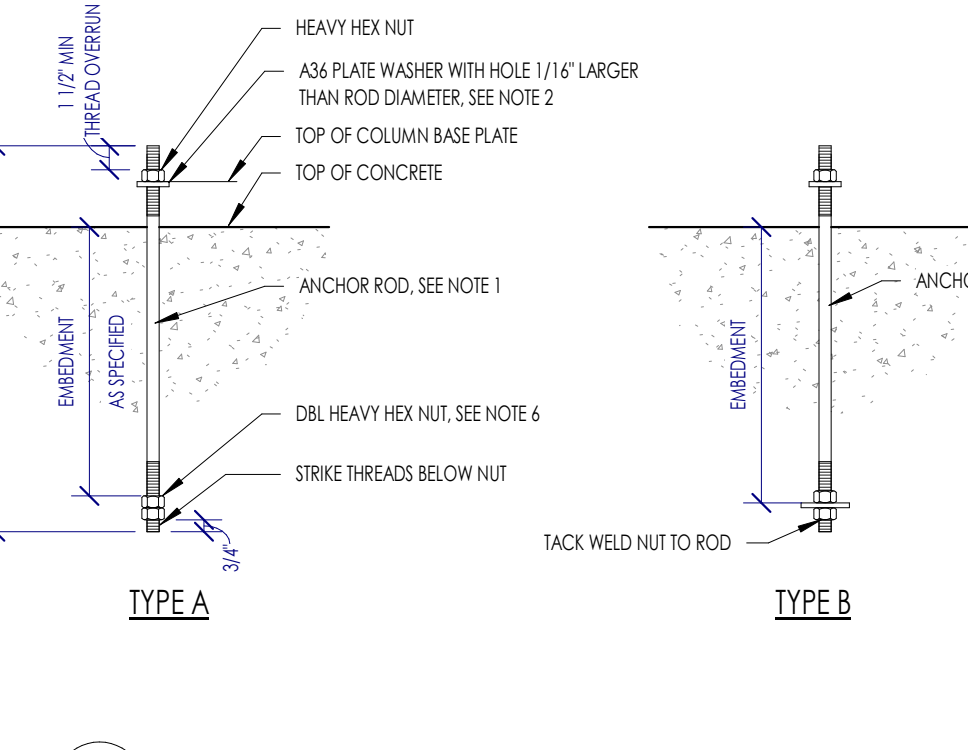
4A S3.1 TYPICAL MOMENT SIGN FOUNDATION

COLUMN	BASE PLATE DIMENSIONS			CONDITION	ANCHOR BOLTS		
	X	W	T		NO./TYPE	DIA.	EMBEDMENT
HSS3x3.5	13"	13"	1"	INTERIOR	4/A	1"	1'-0"
HSS3x3	14"	14"	1"	INTERIOR	4/A	1"	1'-0"

5A S3.1 TYPICAL BASEPLATE DETAIL



3A S3.1 TYPICAL ANCHOR ROD



3A S3.1 TYPICAL ANCHOR ROD

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"	PL19X10-5
1 1/2"	2.51/4"	3 1/2"	1/2"	PL19X10-5

- 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.

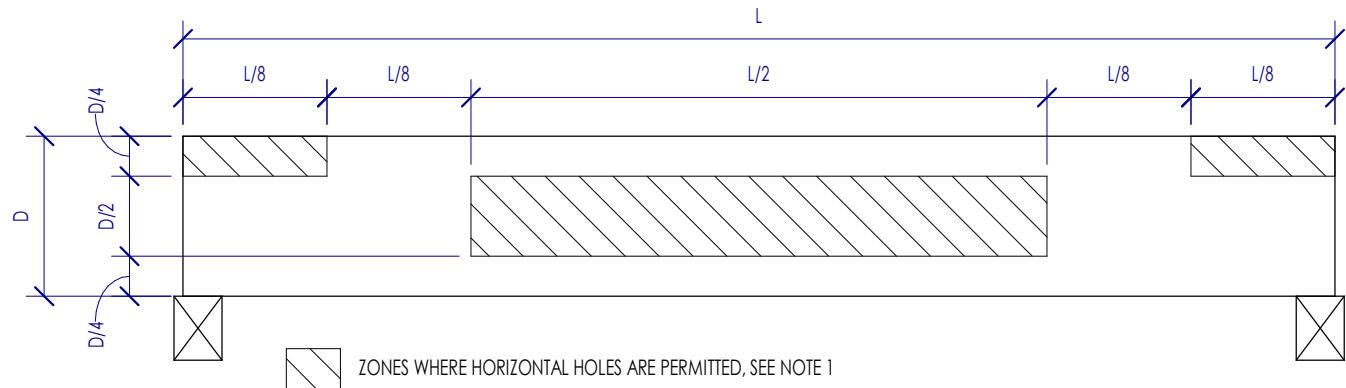
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Date	Description
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TYPICAL FASTENING SCHEDULE			
CONNECTION ID	CONNECTION TYPE	FASTENING	FASTENING ORIENTATION
1	JOIST TO BIL OR GIRDER	(1) - 0.131" X 3"	TOENAIL
2	SOLE PLATE TO JOIST OR BLOCKING	0.148" X 3" X NAILS @ 12" OC NAILS	FACE NAIL
3	TOP PLATE TO STUD	(3) - 0.131" X 3" NAILS	END NAIL
4	STUD TO SOLE PLATE - OPTION 1	(2) - 1/4" COMMON   (2) - 0.131" X 3" NAILS	END NAIL
5	STUD TO SOLE PLATE - OPTION 2	(4) 0.131" X 3" NAILS	TOENAIL
6	DOUBLE/MULTIPLE STUDS	REFERENCE DETAIL 3A/S4.0	FACE NAIL
7	DOUBLE TOP PLATES	0.131" X 3" NAILS @ 12" OC	FACE NAIL
8	DOUBLE TOP PLATE SPICE	REFERENCE DETAIL 3A/S4.0	FACE NAIL
9	BLOCKING BETWEEN JOISTS/RIFTERS TO TOP PLATE	(3) - 0.131" X 3" NAILS	TOENAIL
10	RIM JOIST TO TOP PLATE	0.131" X 3" NAILS @ 6" OC	TOENAIL
11	CeILING JOIST TO TOP PLATE	(3) - 0.131" X 3" NAILS	TOENAIL
12	CeILING JOIST LAP OVER PARTITION	(4) - 0.131" X 3" NAILS	FACE NAIL
13	CeILING JOIST TO PARALLEL RAFTERS	(4) - 0.131" X 3" NAILS	FACE NAIL
14	RAFTER TO TOP PLATE	(3) - 0.131" X 3" NAILS	TOENAIL
15	BUILT-UP CORNER STUDS	0.131" X 3" NAILS @ 14" OC	FACE NAIL
16	BUILT-UP BEAMS	REFERENCE DETAIL 2A/S4.0	FACE NAIL
17	COLLAR TIE TO RAFTER	(4) - 0.131" X 3" NAILS	FACE NAIL
18	JACK RAFTER TO HP	(4) - 0.131" X 3" NAILS	TOENAIL
19	RAFTER TO RIDGE BOARD/BEAM	(3) - 0.131" X 3" NAILS	TOENAIL
20	BLOCKING AT STUDS	(3) - 0.131" X 3" NAILS EACH SIDE	TOENAIL

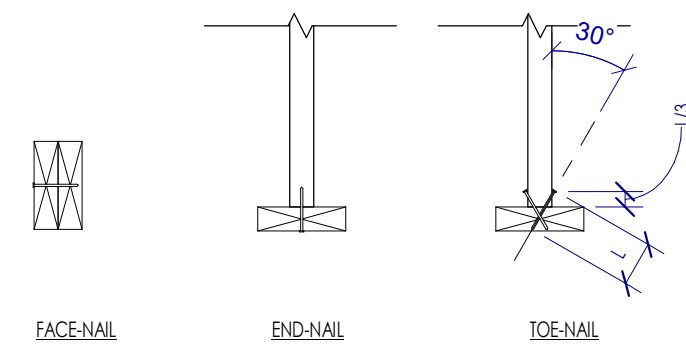
NOTES:  
1. THESE CONNECTIONS ARE TO BE APPLIED UNLESS NOTED OTHERWISE IN PLAN SECTION, ELEVATION OR DETAIL VIEWS.

6D S4.0 TYPICAL WOOD FASTENING SCHEDULE

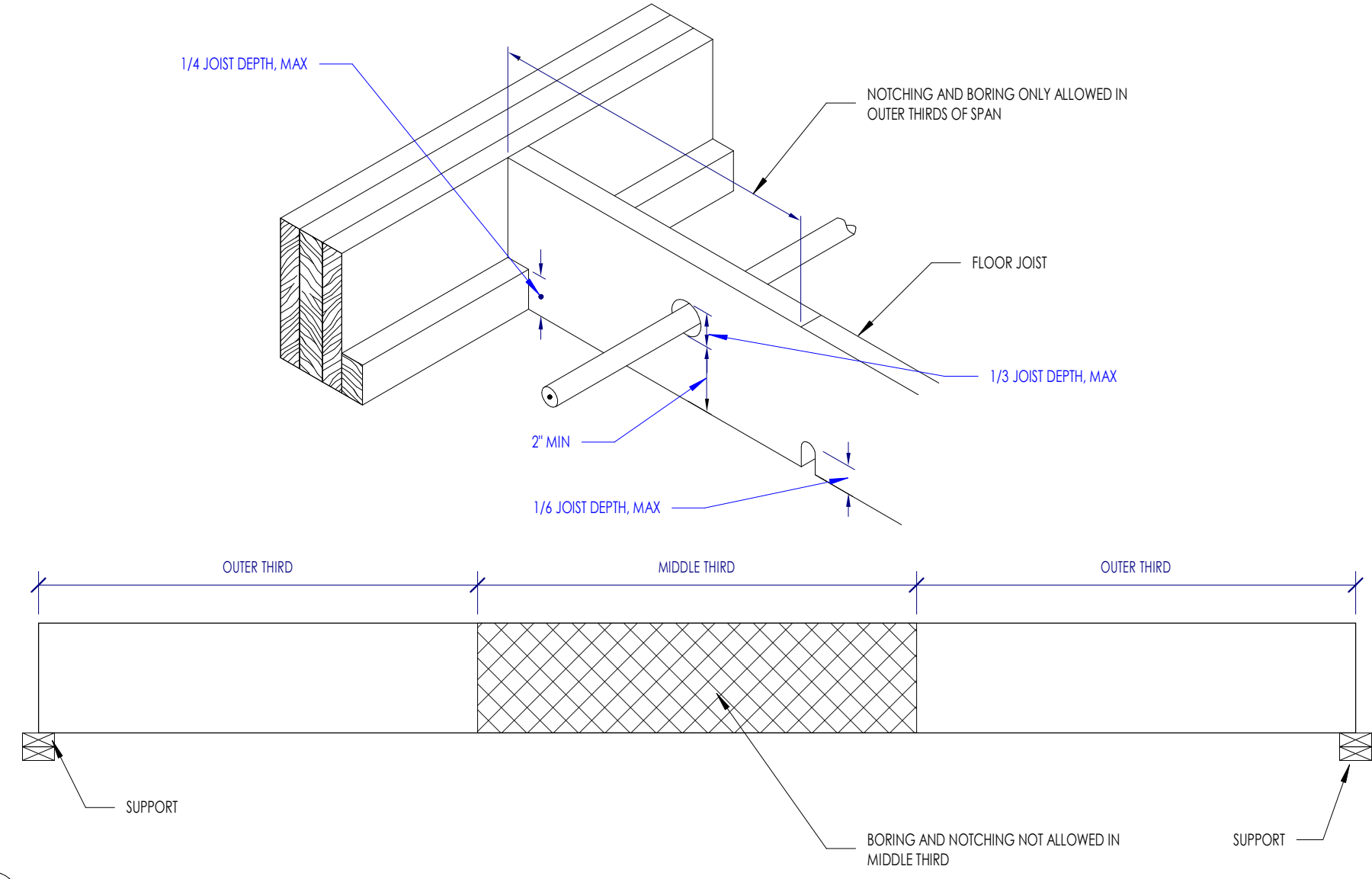


NOTES:  
1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1/4" OR D/10, WHICHEVER IS SMALLER.  
2. SPACING: FOR LARGER HOLE DIAMETERS OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE EOR.  
3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY SUPPORTED, UNIFORMLY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

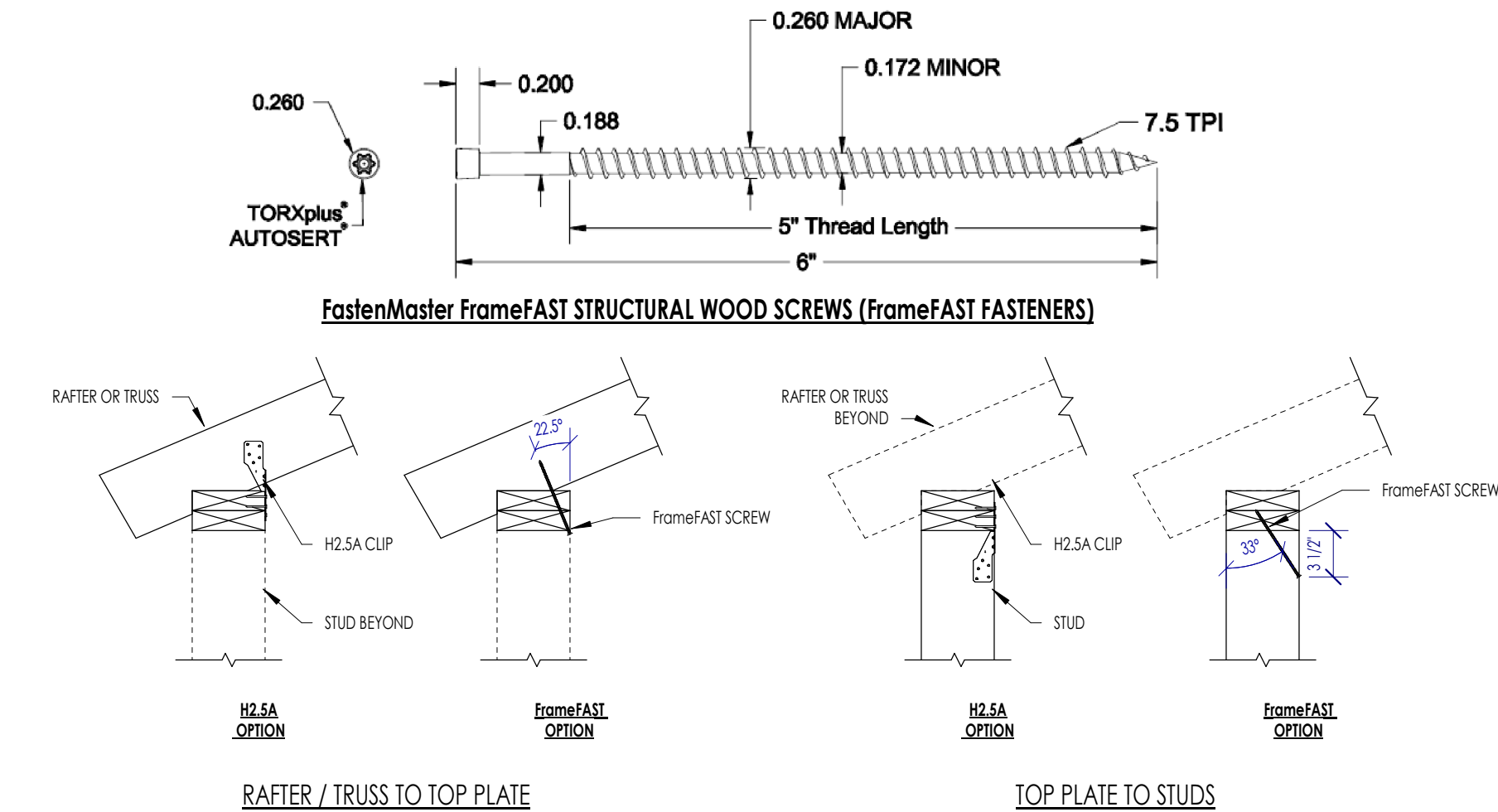
4E S4.0 ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS



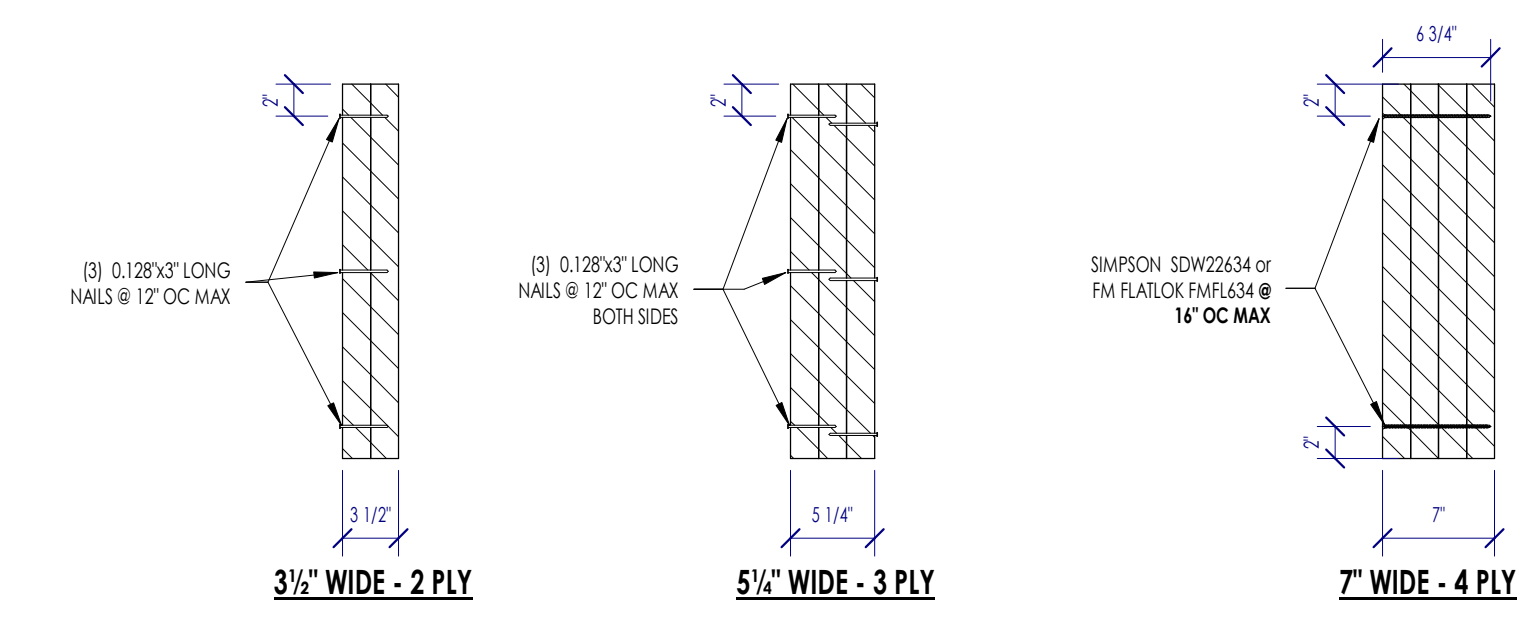
4D S4.0 TYPICAL NAILING CONFIGURATIONS



6C S4.0 ALLOWABLE NOTCHING AND BORING OF FLOOR JOISTS



4C S4.0 ALLOWABLE SUBSTITUTION OF H2.5A CLIPS WITH FrameFAST SCREWS - UPLIFT LOAD PATH



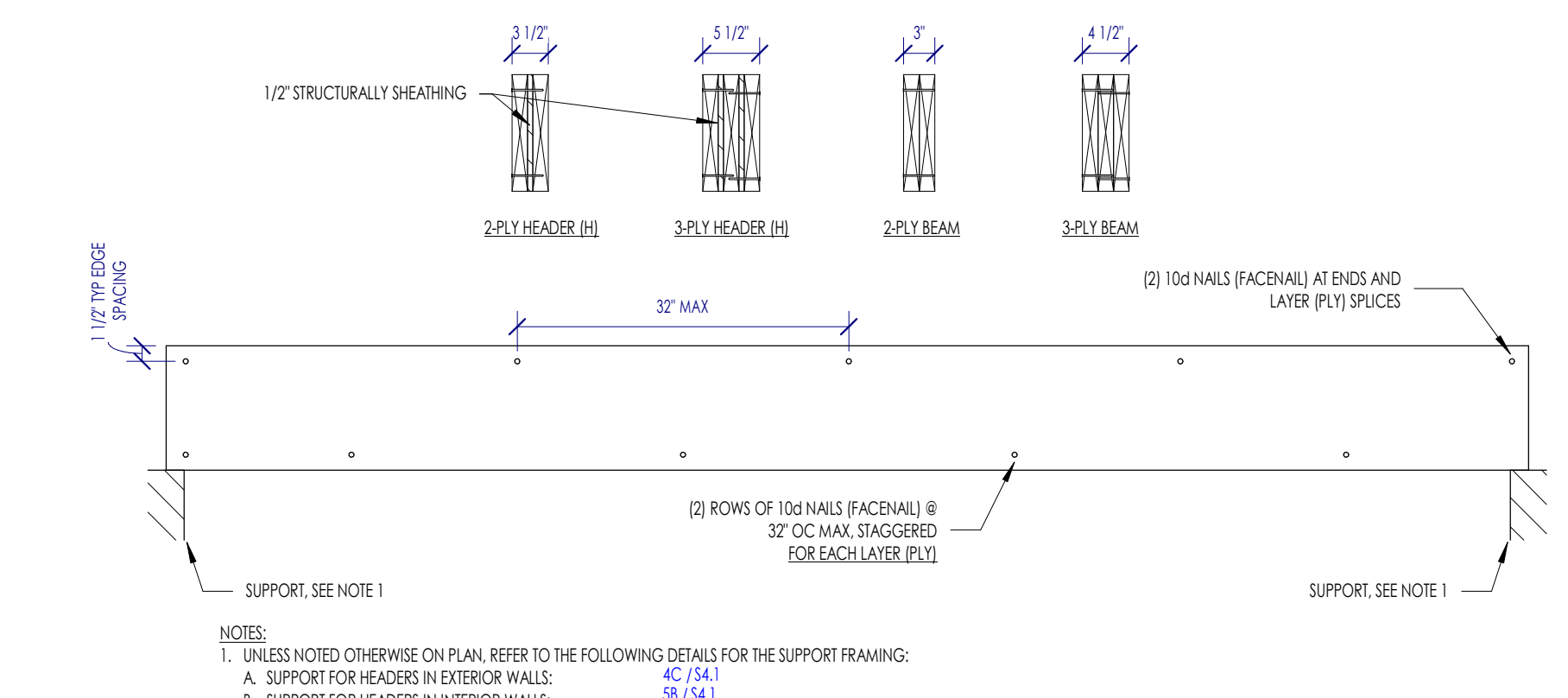
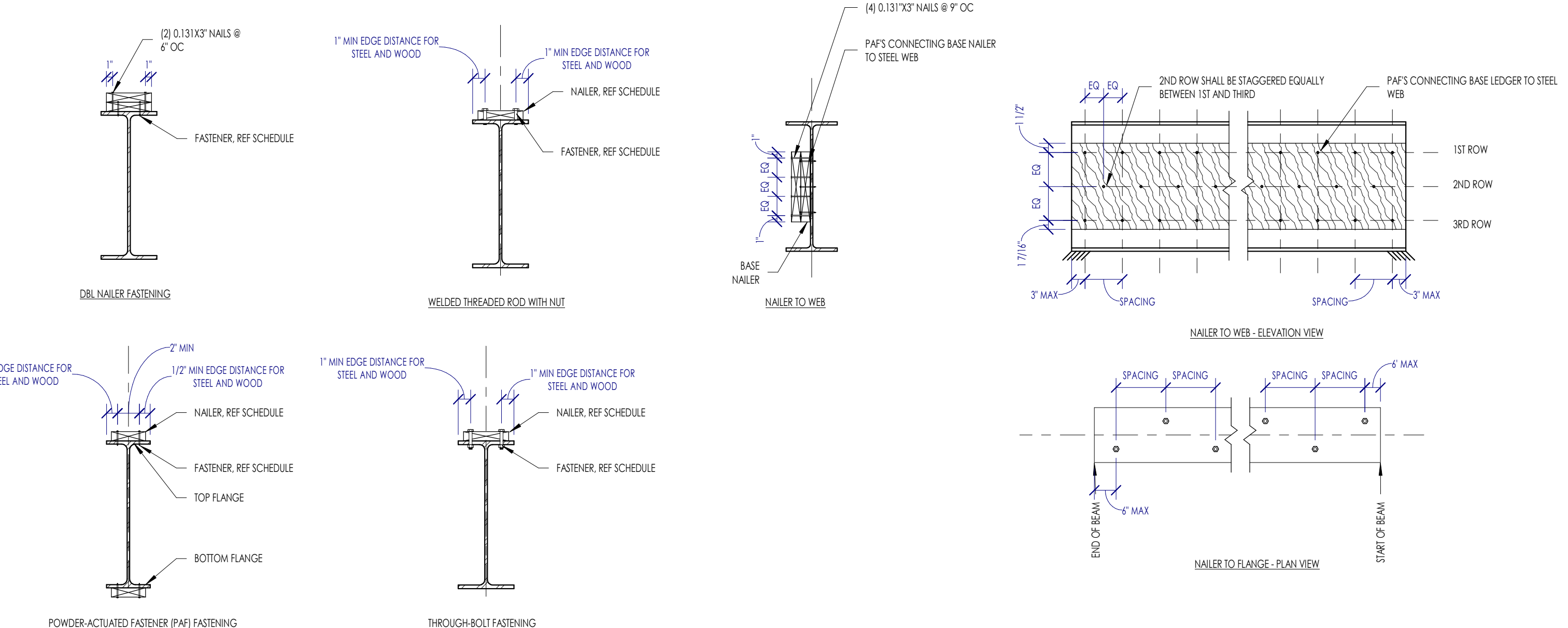
2C S4.0 TYPICAL LVL MULTIPLE PLY FASTENING REQUIREMENTS

FASTENER SCHEDULE - TO BEAM TOP FLANGE			FASTENER SCHEDULE - TO BEAM WEB / BOTTOM FLANGE		
l <sub>1</sub> (ft)	PAF FASTENER	BOLT / ROD*	l <sub>2</sub> (ft)	PAF FASTENER	BOLT / ROD*
≤ 0.35	X-41 @ 12" OC	1/2" Ø @ 24" OC	≤ 0.35	(1) - X-41 @ 12" OC	(2) - 1/2" Ø @ 24" OC
0.35 < l <sub>1</sub> ≤ 0.44	D5-47 @ 12" OC	1/2" Ø @ 24" OC	0.35 < l <sub>2</sub> ≤ 0.44	(2) - D5-47 @ 12" OC	(2) - 1/2" Ø @ 24" OC
l <sub>1</sub> > 0.44	N/A	1/2" Ø @ 12" OC	l <sub>2</sub> > 0.44	N/A	(2) - 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 ≤ 8.75	2x6
l > 7.25	2x8	8.75 < d ≤ 10.25	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 HELIX, INC.  
A. X-41  
o. UNIVERSAL SHANK FASTENER WITH A SHANK DIAMETER OF 0.157" AND A SHANK LENGTH OF 47 mm (1.85")  
B. D5-47  
o. 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 A507 BOLTS. THROUGH BOLTS SHALL BE GALVANNEED ASTM F1554 GR.36.

4A S4.0 WOOD NAILER TO TOP OF STRUCTURAL STEEL



2A S4.0 TYPICAL NAILING BUILT UP BEAMS, GIRDERS & HEADERS

TYPICAL WOOD FRAMING DETAILS

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Engineers  
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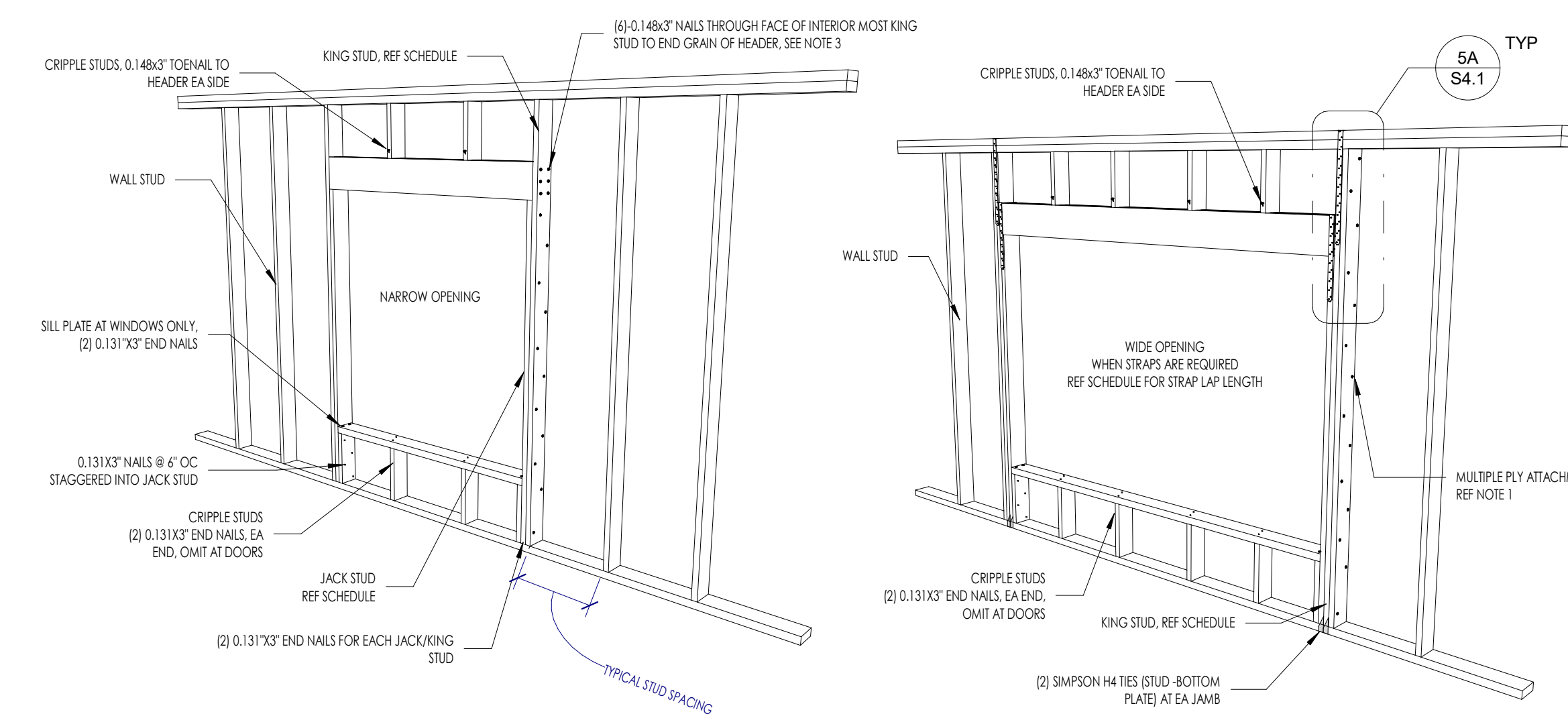
**DUDDLEY**  
Structural: Dudley  
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College Station, TX 77845  
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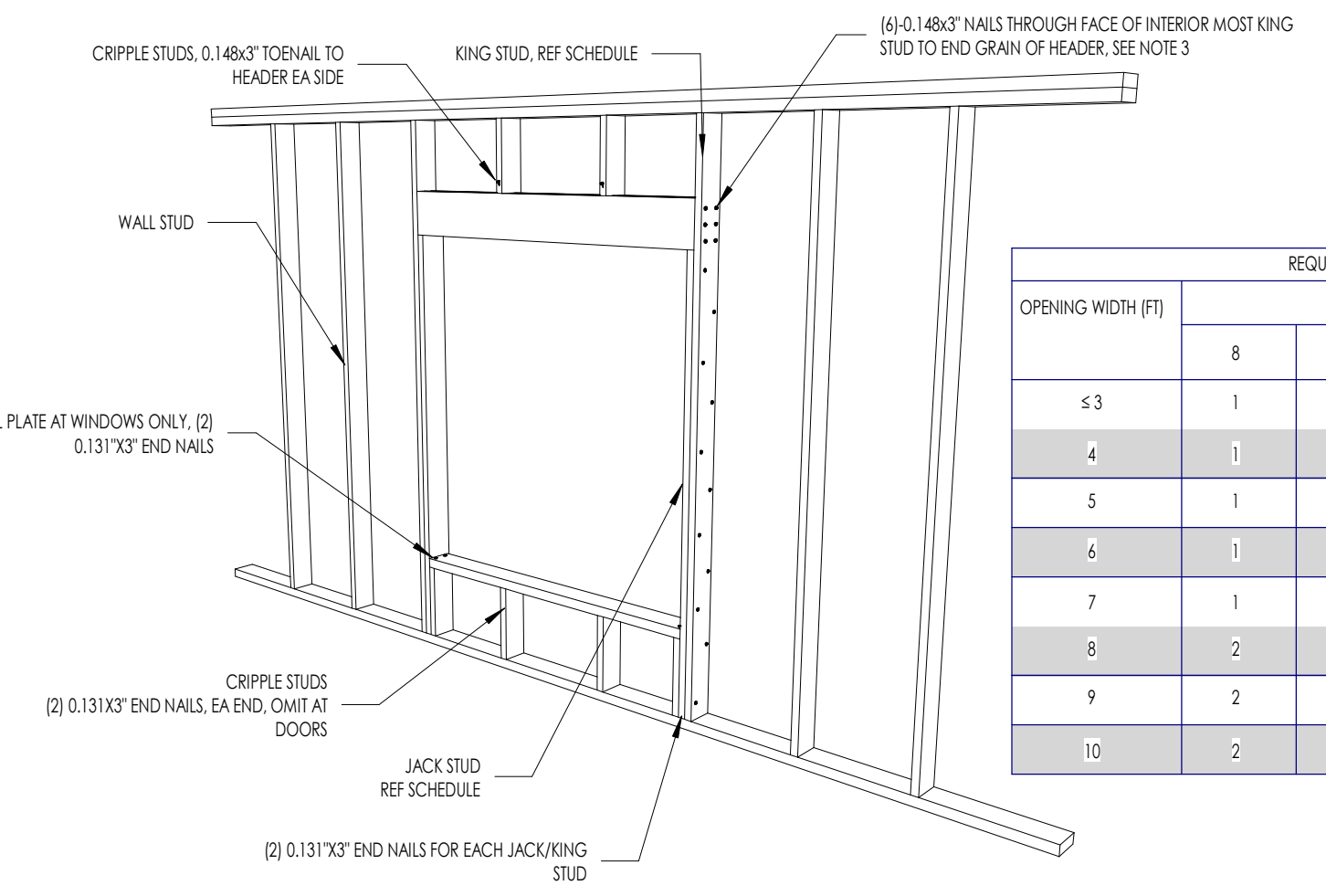


OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	12		
≤3	1	1	1	2	2	1
4	1	1	2	2	2	1
5	2	2	2	3	3	1
6	2	2	3	3	3	1
7	2	2	3	3	4x6	1
8	3	3	3	4x6	4x6	2
9	3	3	4x6	4x6	4x6	2
10	3	3	4x6	4x6	4x6	2

OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	STRAP LAP LENGTH (IN)
	8	9	10	12		
≤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

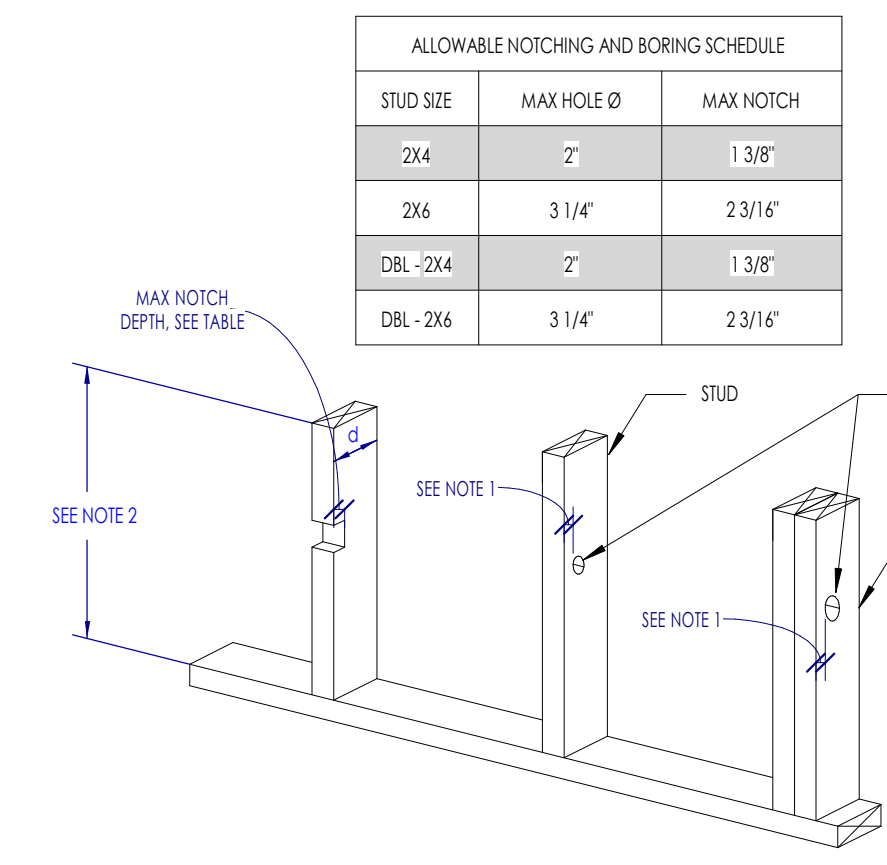
NOTES:  
1. MULTIPLE PLYS MUST BE ATTACHED PER THE MECHANICALLY LAMINATED BUILT-UP COLUMN, NAILED DETAIL.  
2. TABLE IS BASED OFF A HORIZONTAL WIND PRESSURE OF 20 PSF AND GRAVITY LOADING OF 200 PLF.  
3. WALL MUST BE CENTERED ON THE INDIVIDUAL PLYS OF THE HEADER.  
4. N/R = NOT REQUIRED. IF N/R, THEN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

4C TYPICAL EXTERIOR OPENING FRAMING



OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	HEADER SIZE
	8	9	10	12		
≤3	1	1	1	1	1	2x4 STUD WALL / 2x6 STUD WALL
4	1	1	1	1	1	2x4 STUD WALL / 2x6 STUD WALL
5	1	1	1	2	2	2x4 STUD WALL / 2x6 STUD WALL
6	1	1	2	2	2	2x4 STUD WALL / 2x6 STUD WALL
7	1	1	2	2	3	2x4 STUD WALL / 2x6 STUD WALL
8	2	2	2	3	3	2x4 STUD WALL / 2x6 STUD WALL
9	2	2	3	3	3	2x4 STUD WALL / 2x6 STUD WALL
10	2	2	3	3	3	2x4 STUD WALL / 2x6 STUD WALL

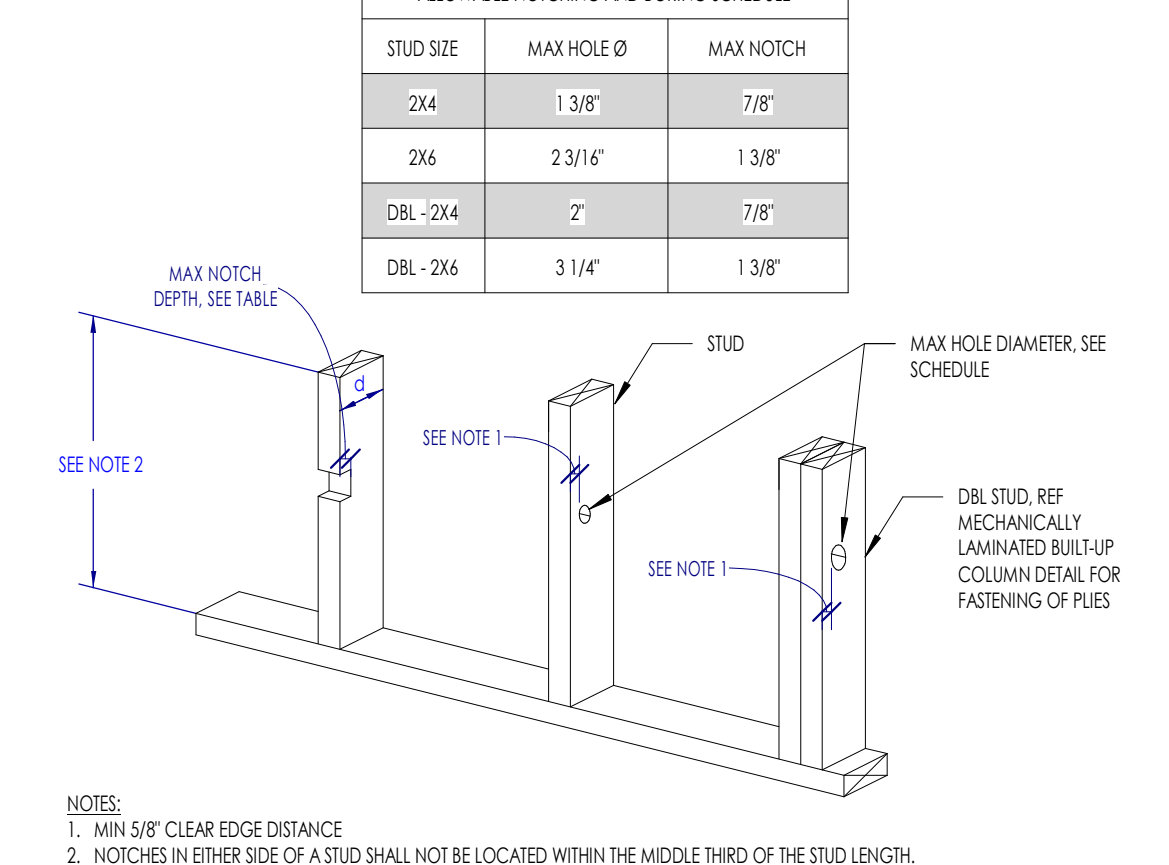
NOTES:  
1. LOAD BEARING WALLS AND ASSOCIATED HEADERS ARE INDICATED ON PLAN.



STUD SIZE	MAX HOLE Ø	MAX NOTCH
2x4	2"	1.318"
2x6	3.14"	2.316"
DBL 2x4	2"	1.318"
DBL 2x6	3.14"	2.316"

NOTES:  
1. MIN 5/8" CLEAR EDGE DISTANCE.  
2. NOTCHES IN EITHER SIDE OF A STUD SHALL NOT BE LOCATED WITHIN THE MIDDLE THIRD OF THE STUD LENGTH.  
3. NOTCHES AND BORINGS SHALL NOT OCCUR IN THE SAME CROSS SECTION.

2B ALLOWABLE STUD NOTCHING AND BORING IN INTERIOR NON-LOAD BEARING WALLS

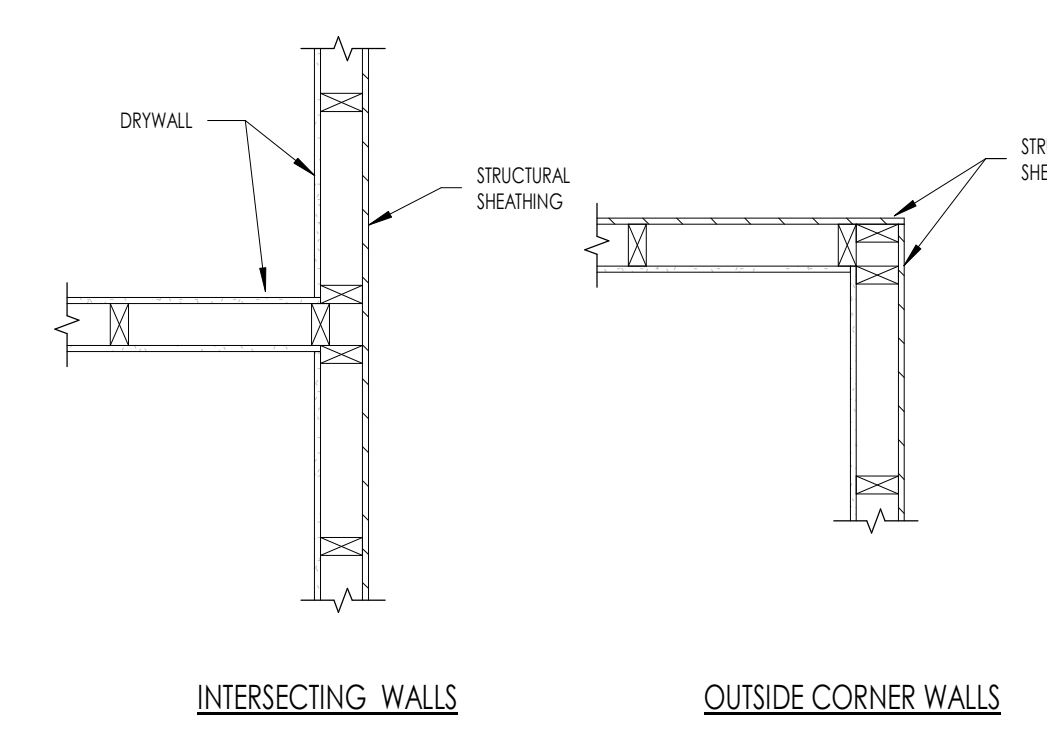


NOTES:  
1. MIN 5/8" CLEAR EDGE DISTANCE.  
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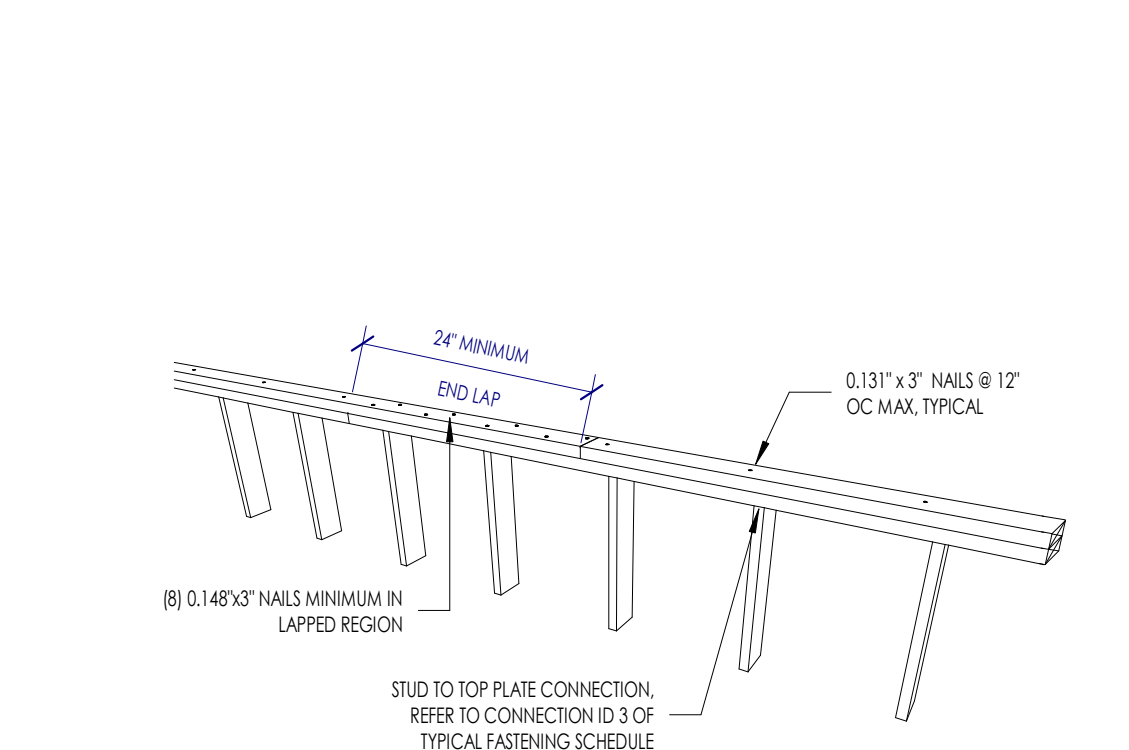
1B ALLOWABLE STUD NOTCHING AND BORING IN EXTERIOR & LOAD BEARING WALLS

5B TYPICAL INTERIOR OPENING FRAMING

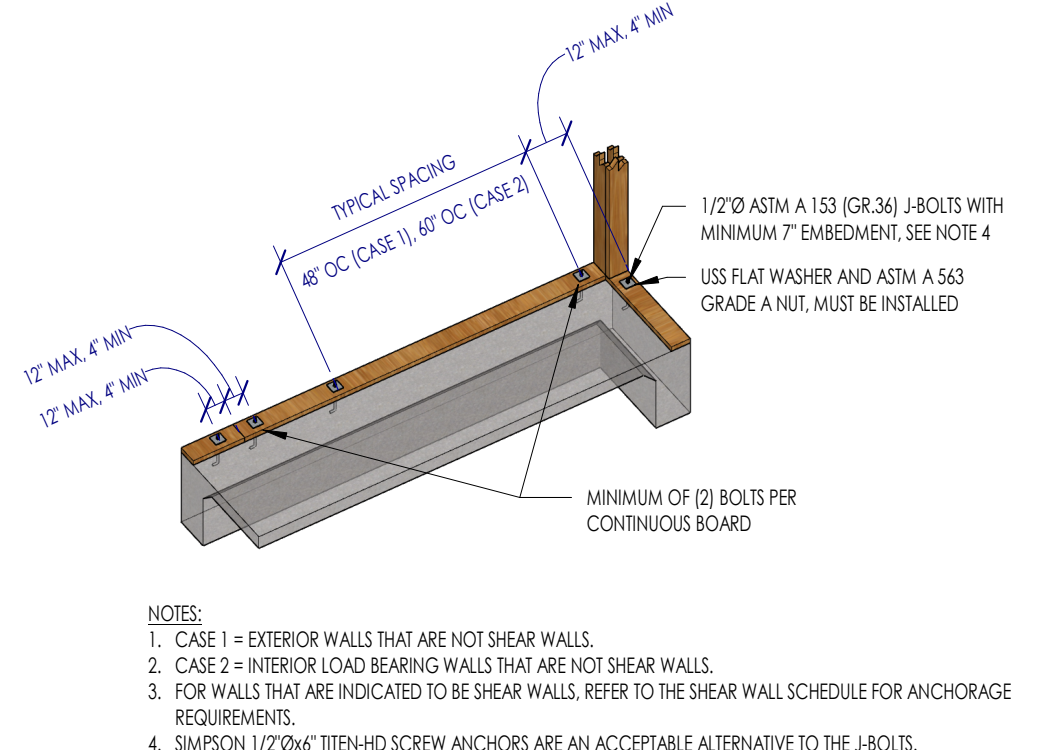
NAIL SIZE	SPACING	NO. ROWS	NOTES	
[2] -2x4	0.131 x 2"	6"	1	STAGGERED
[2] -2x6	0.131 x 3"	8"	2	
[1] -2x4	0.131 x 4"	6"	1	STAGGERED
[3] -2x6	0.131 x 4"	8"	2	



4A TYPICAL CORNER AND INTERSECTION WALL STUDS (NOT AT SHEAR WALL)



3A TYPICAL LOAD BEARING / SHEAR WALL DOUBLE TOP PLATE SPLICE



2A TYPICAL BOTTOM PLATE ANCHORAGE

6A MECHANICALLY LAMINATED BUILT-UP COLUMN (STUD PACK) - NAILED

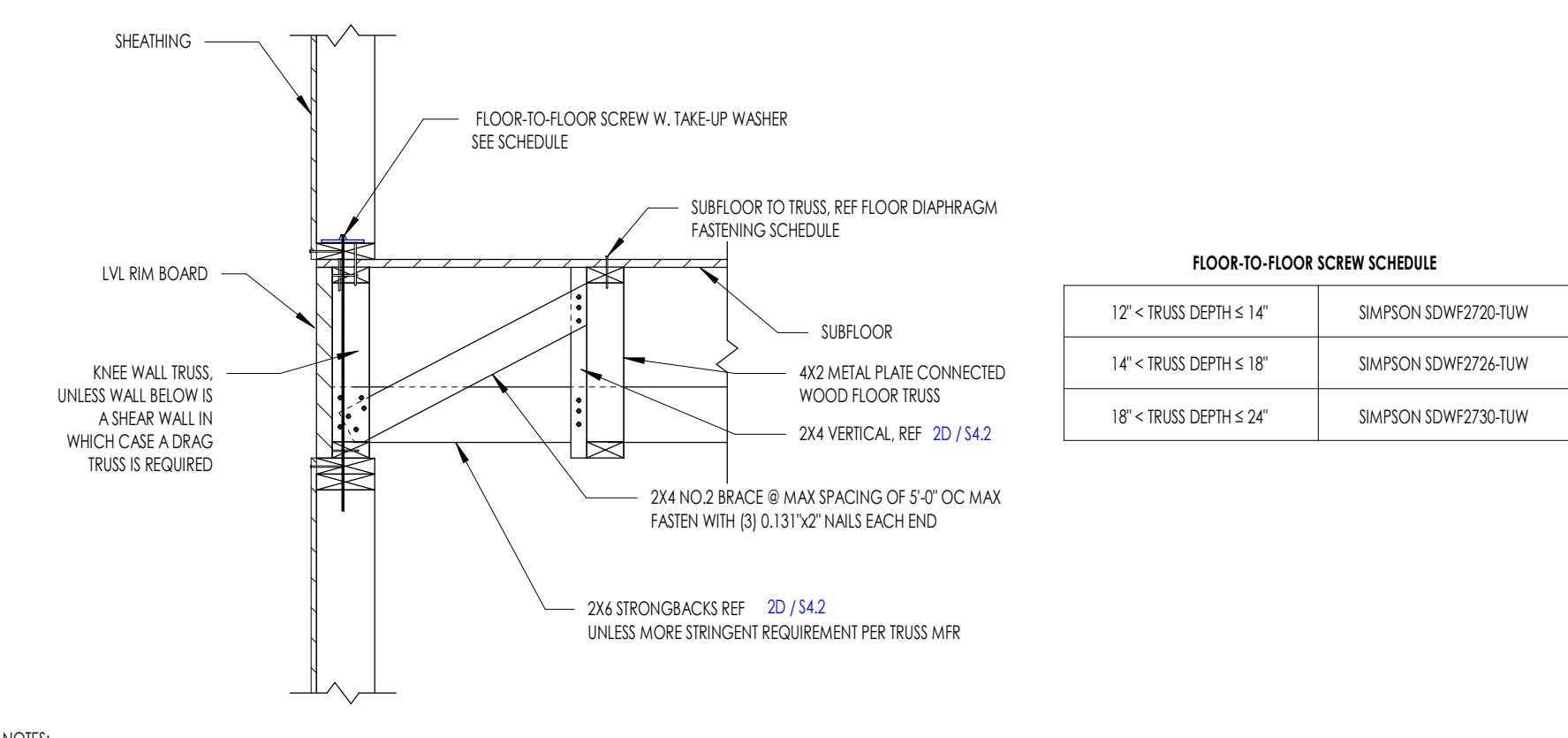
5A TYPICAL STRAP AT WIDE EXTERIOR OPENINGS

4A TYPICAL CORNER AND INTERSECTION WALL STUDS (NOT AT SHEAR WALL)

3A TYPICAL LOAD BEARING / SHEAR WALL DOUBLE TOP PLATE SPLICE

2A TYPICAL BOTTOM PLATE ANCHORAGE

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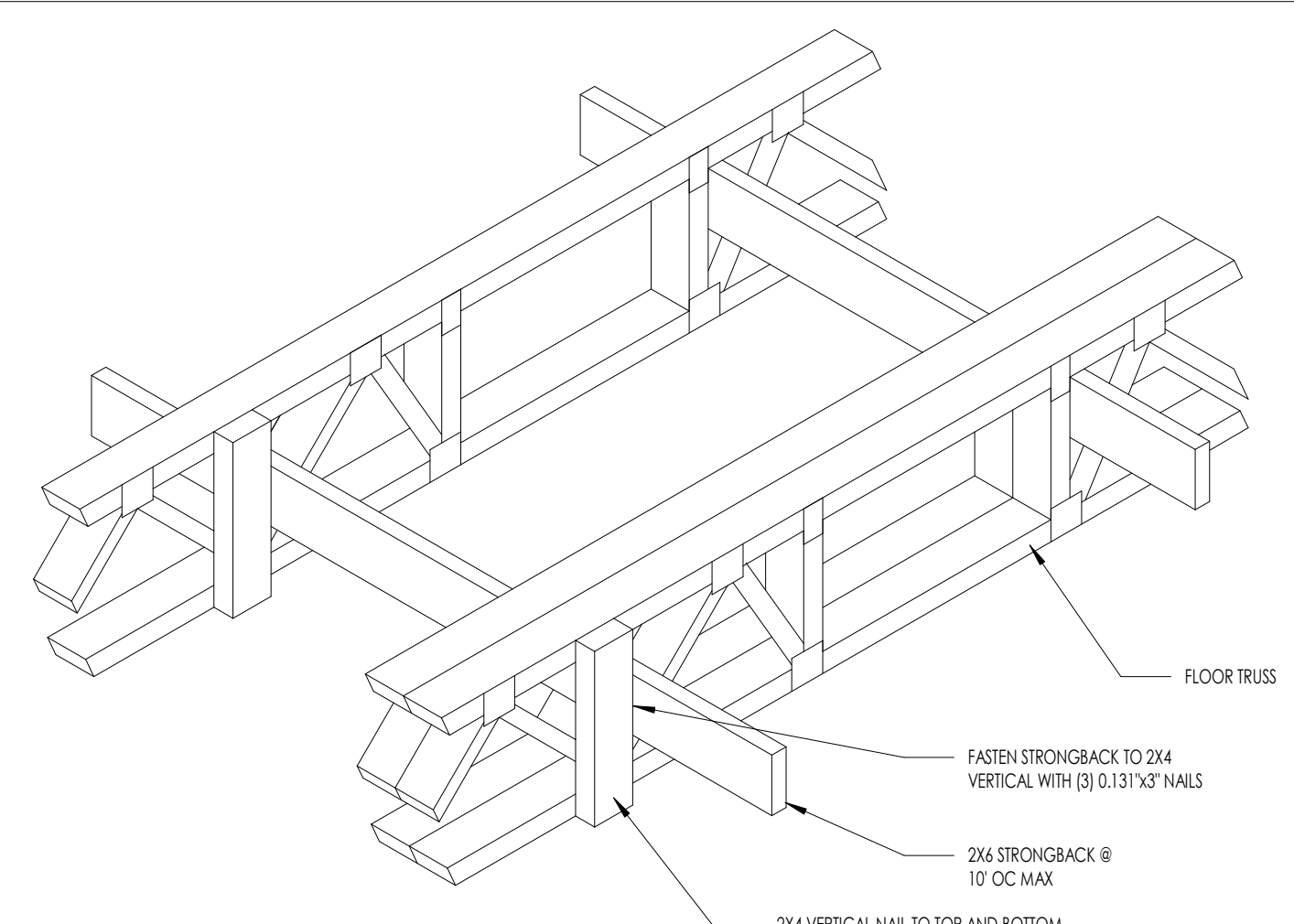


**FLOOR-TO-FLOOR SCREW SCHEDULE**

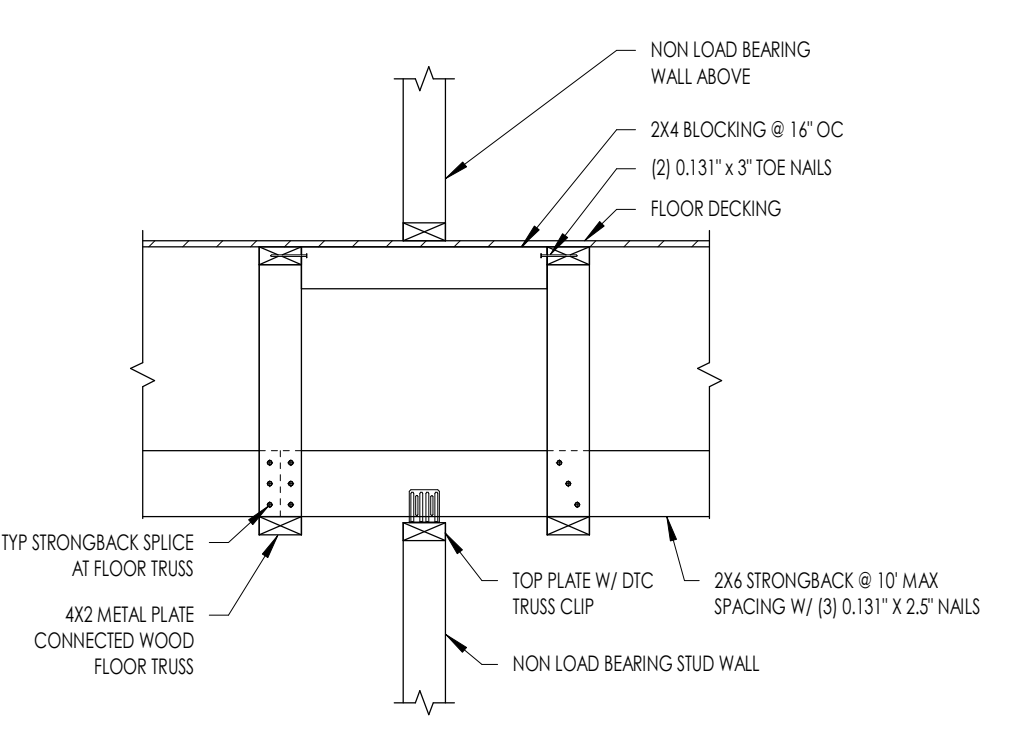
12" x TRUSS DEPTH ≤ 14"	SIMPSON SDWF2720-TUM
14" x TRUSS DEPTH ≤ 18"	SIMPSON SDWF2724-TUM
18" x TRUSS DEPTH ≤ 24"	SIMPSON SDWF2730-TUM

**NOTES:**  
 1. REFERENCE GENERAL NOTES FOR WOOD SHRINKAGE NOTES AND SPECIFICATIONS. IF THE FRAMING HAS A MC HIGHER THAN 135 WHEN THE SHEATHING IS APPLIED, IT MAY LEAD TO BUCKLING OF THE SHEATHING AND/OR THE CLADDING. CONTRACTOR TO QC FRAMING MC PRIOR TO INSTALLING WALL SHEATHING.

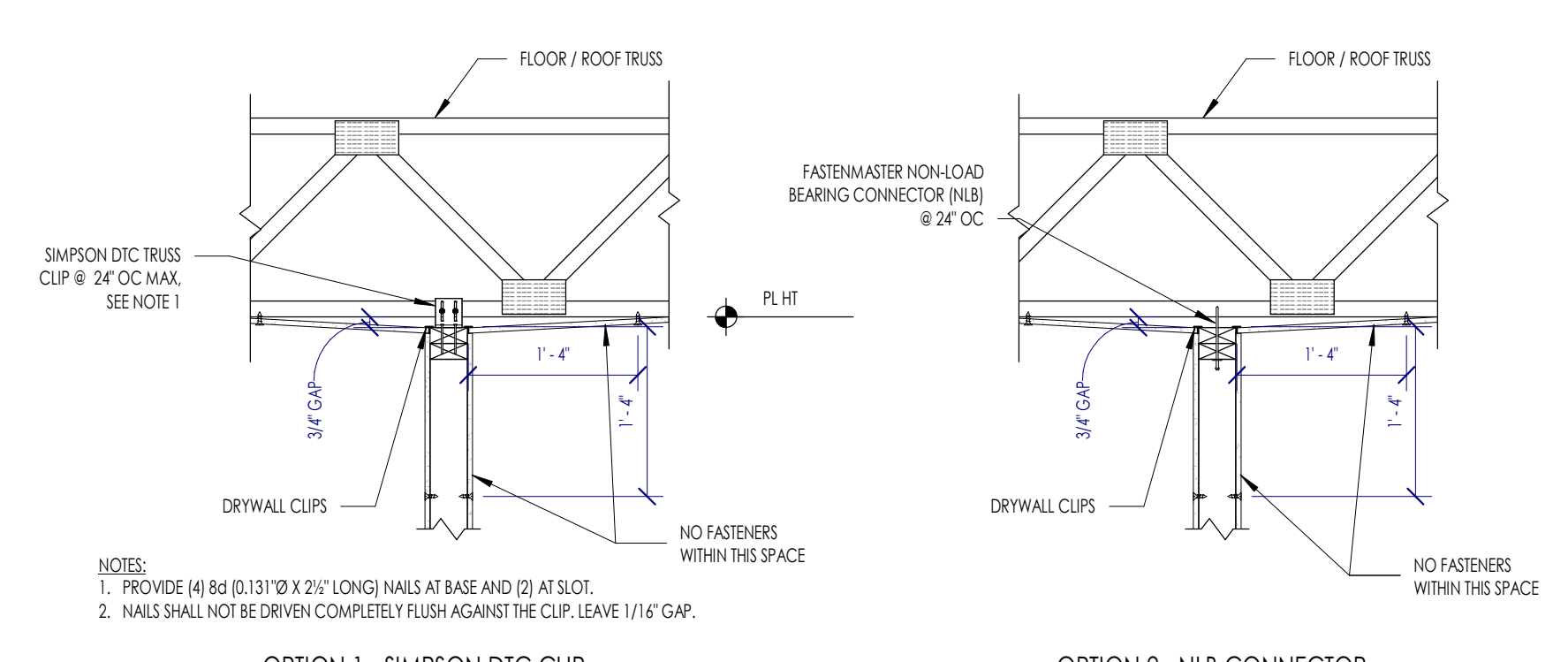
**4D S4.2 TYPICAL FLOOR TRUSS PARALLEL TO EXTERIOR WALL - MULTI-STORY**



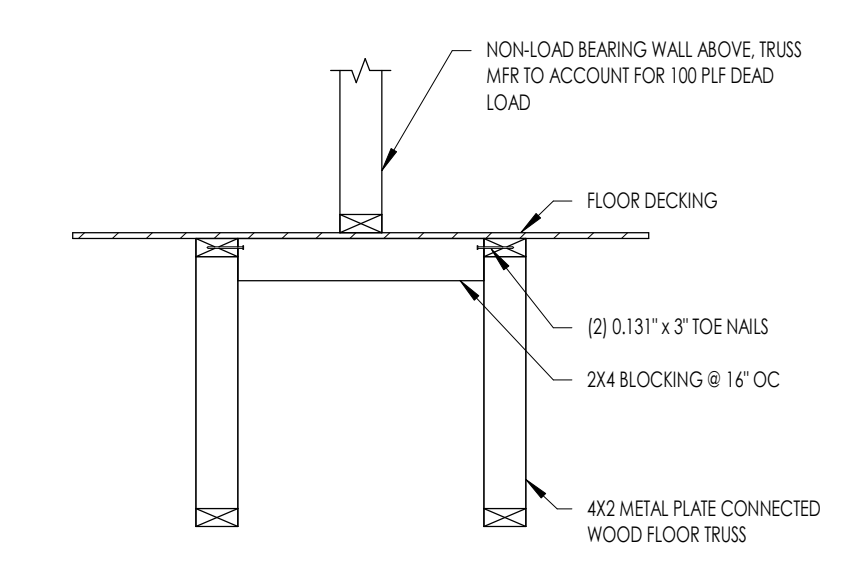
**2D S4.2 TYPICAL TRUSS STRONGBACK**



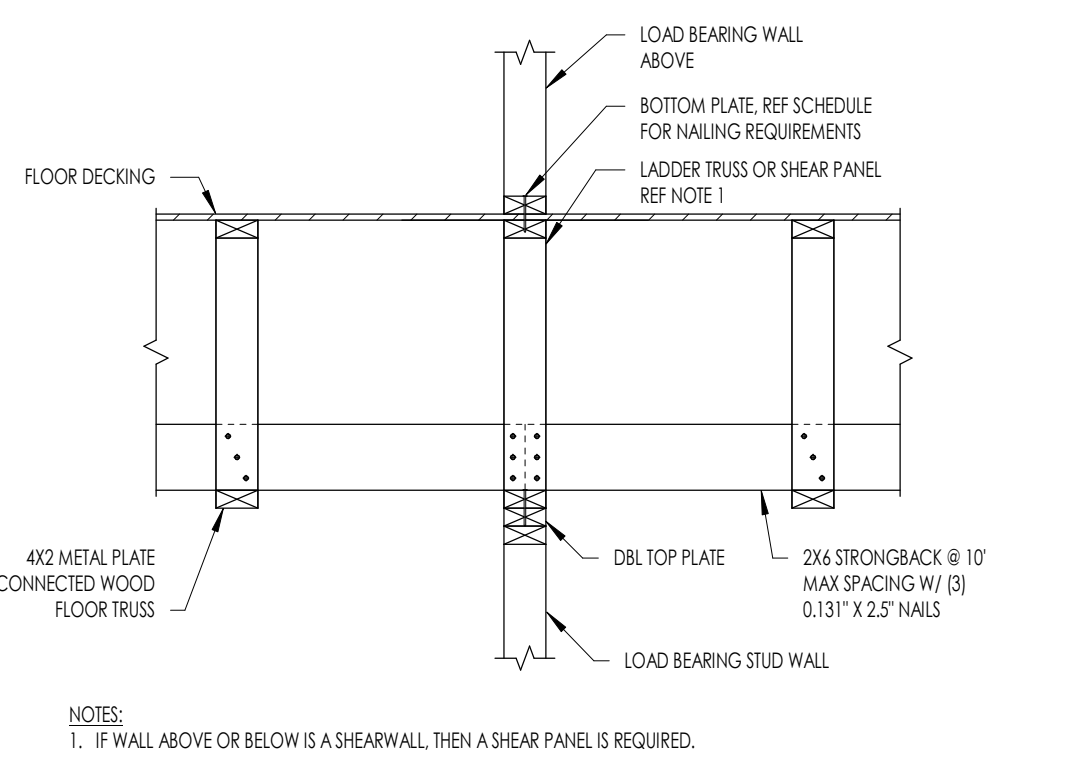
**5C S4.2 TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES**



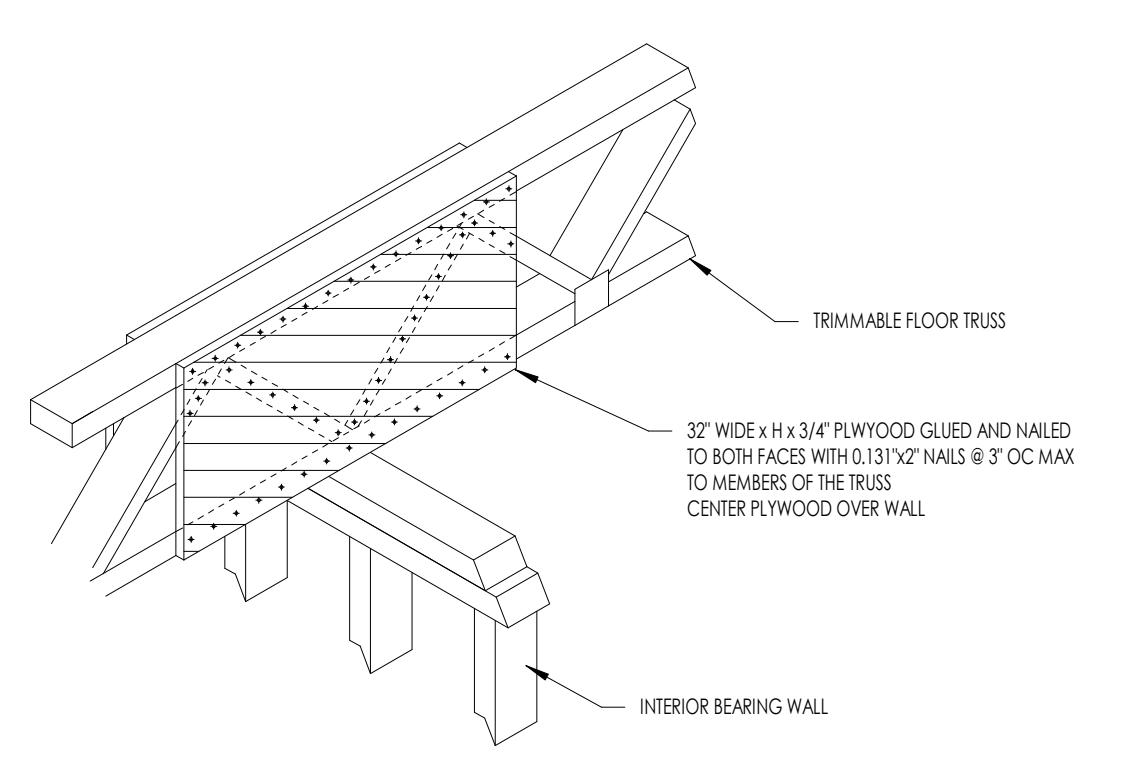
**4C S4.2 TYPICAL NON-LOAD BEARING WALL ATTACHMENT TO PERPENDICULAR FLOOR TRUSS**



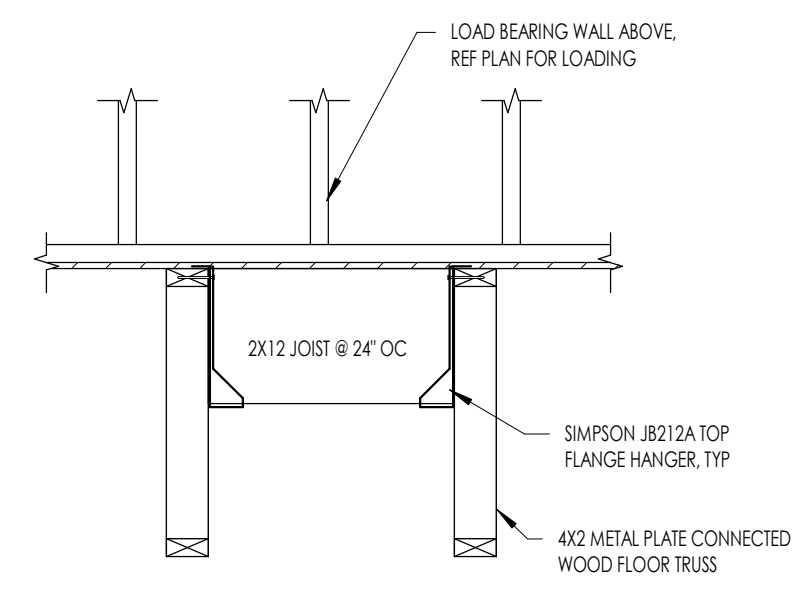
**2C S4.2 TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSS**



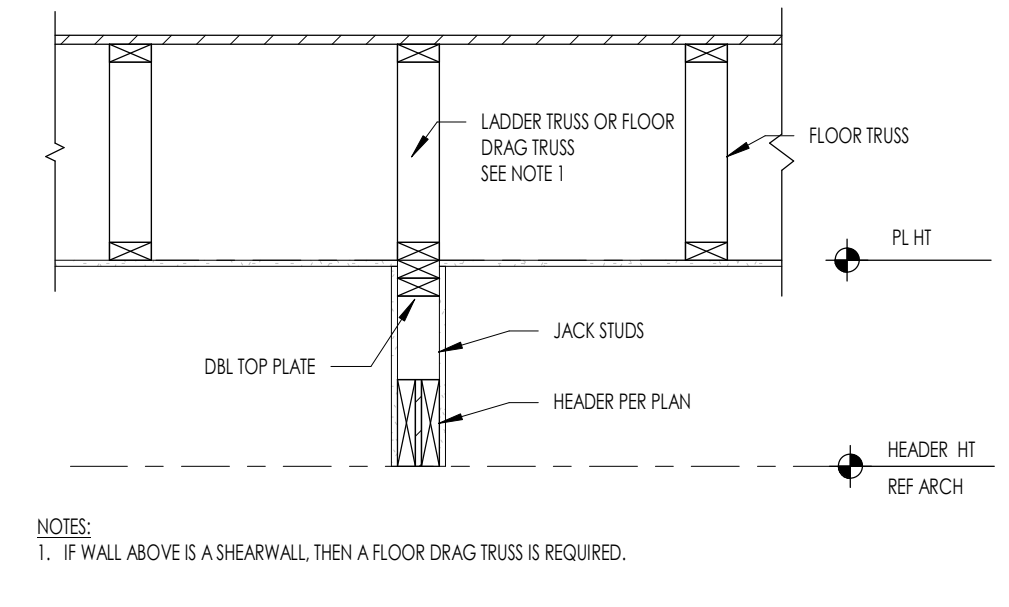
**1C S4.2 TYPICAL LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES**



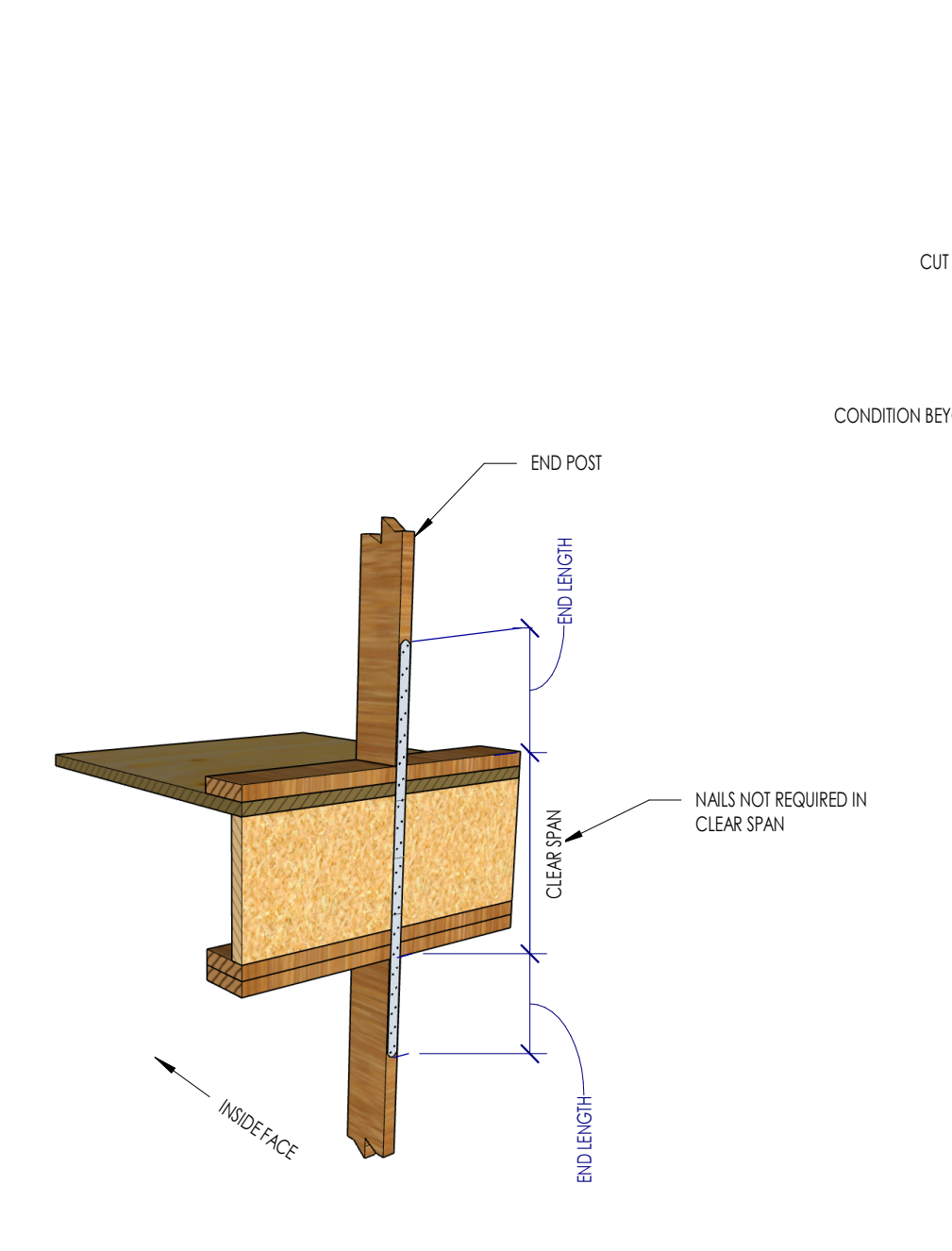
**1B S4.2 TYPICAL TRIMMABLE TRUSS STIFFENING AT INTERIOR SUPPORT**



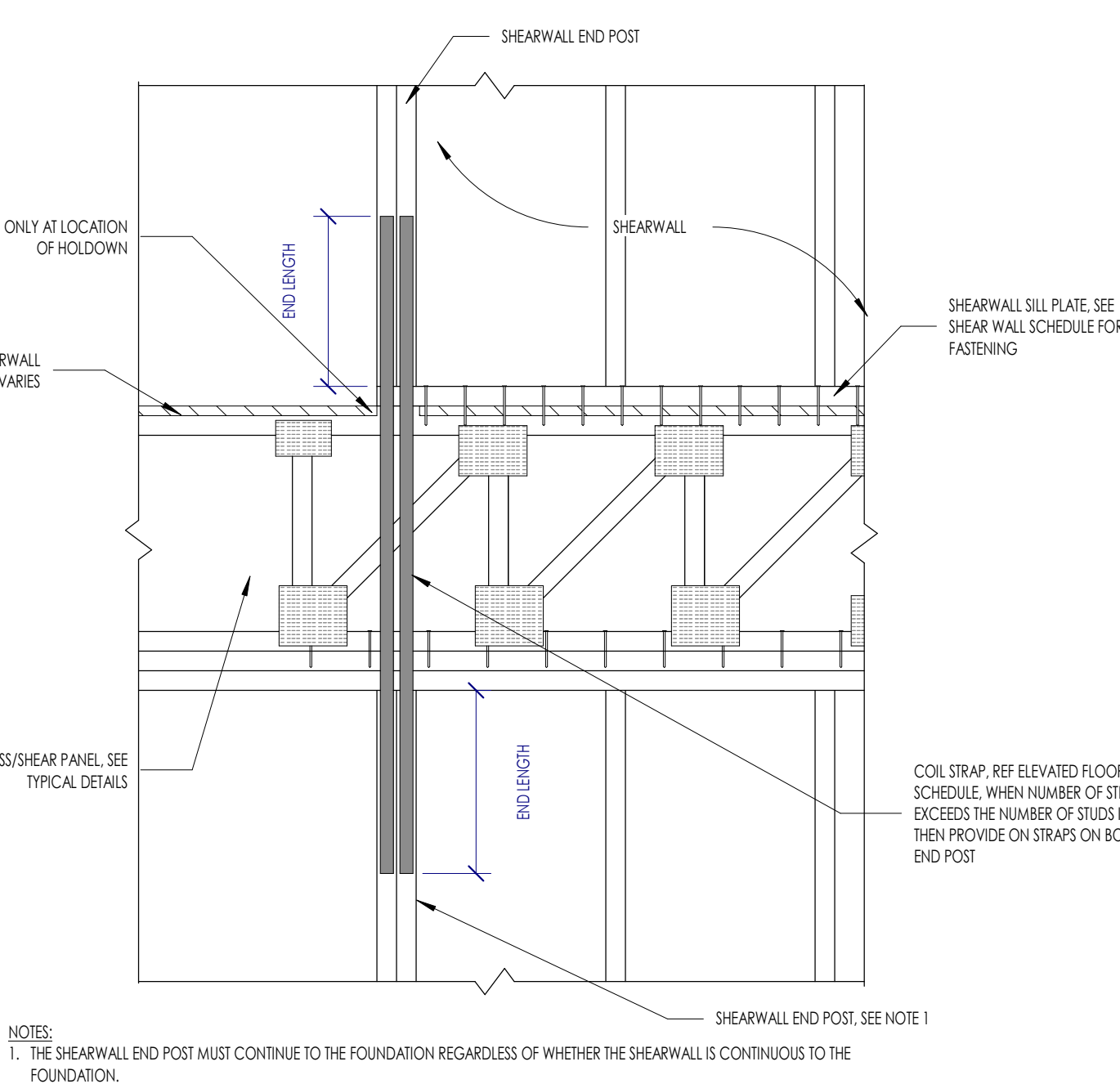
**3B S4.2 TYPICAL LOAD BEARING WALL PERP. TO FLOOR TRUSS**



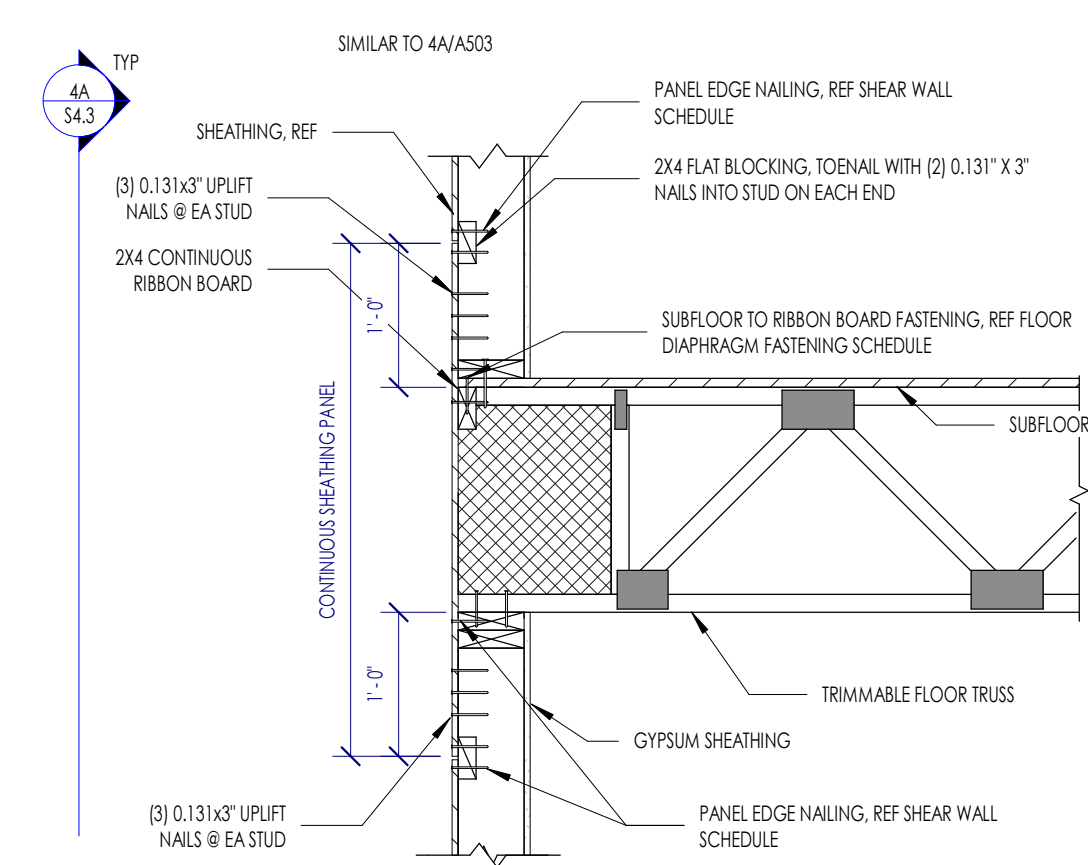
**2B S4.2 TYPICAL LOAD BEARING HEADER PARALLEL TO FLOOR TRUSSES**



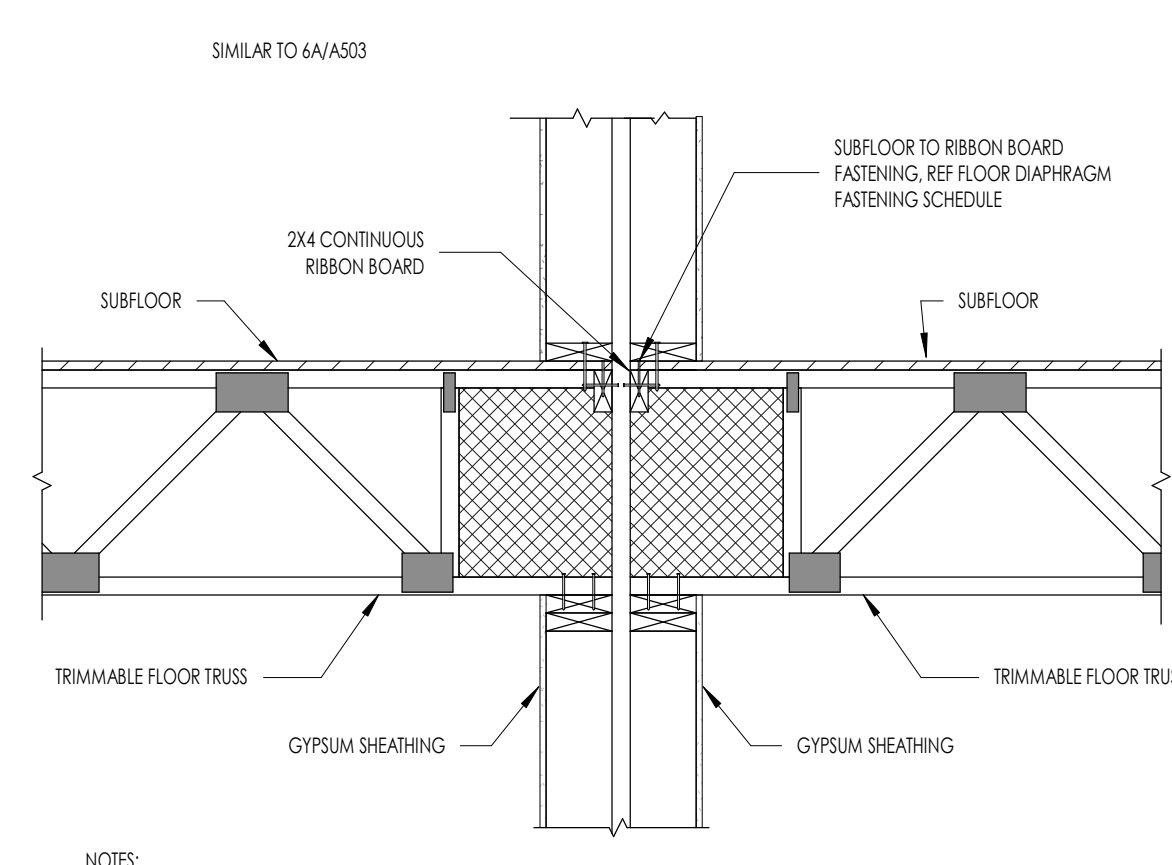
**6A S4.2 TYPICAL SHEARWALL HOLDDOWN AT ELEVATED FLOOR**



**4A S4.2 TYPICAL SHEARWALL HOLDDOWN AT INTERIOR SHEAR WALL**



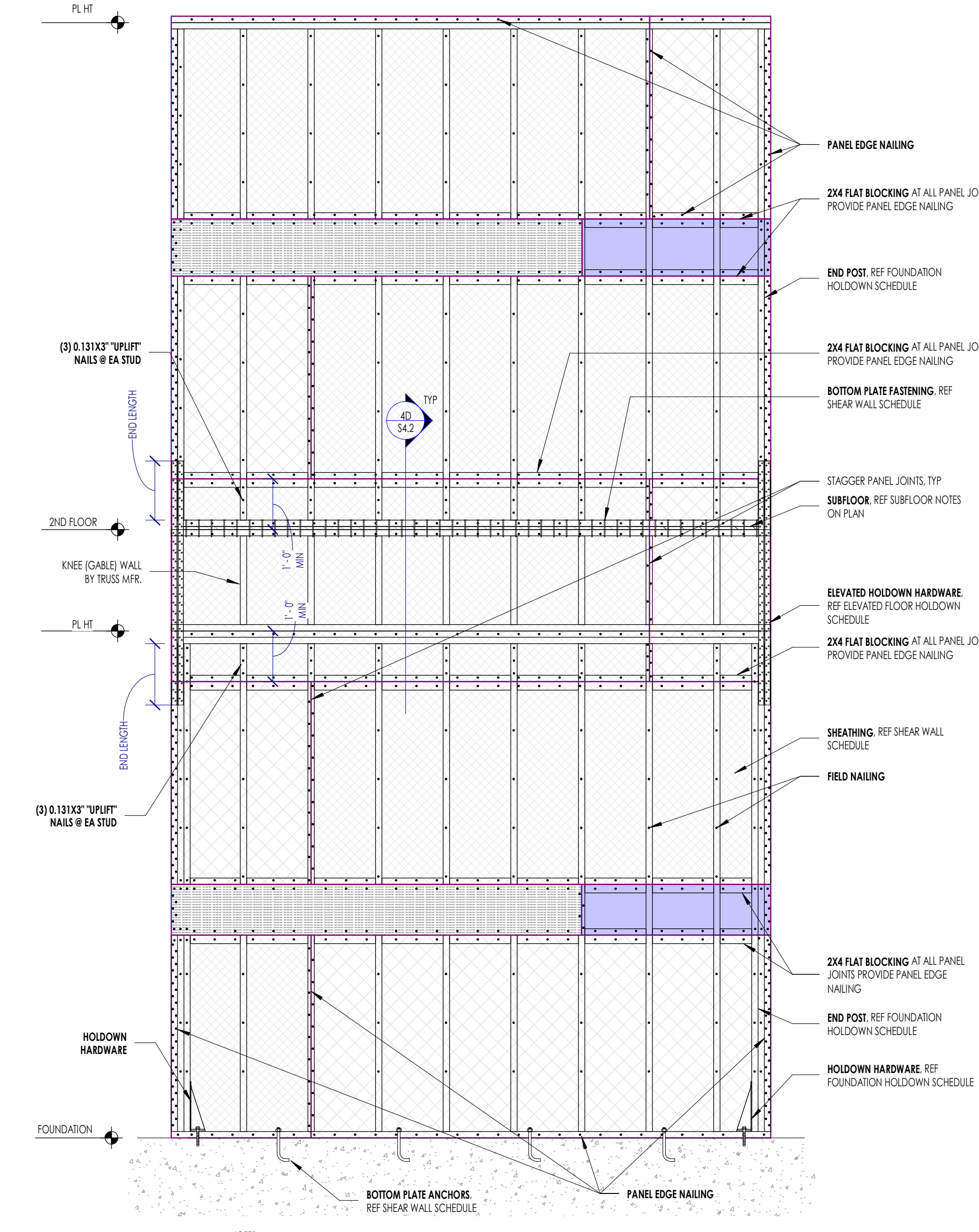
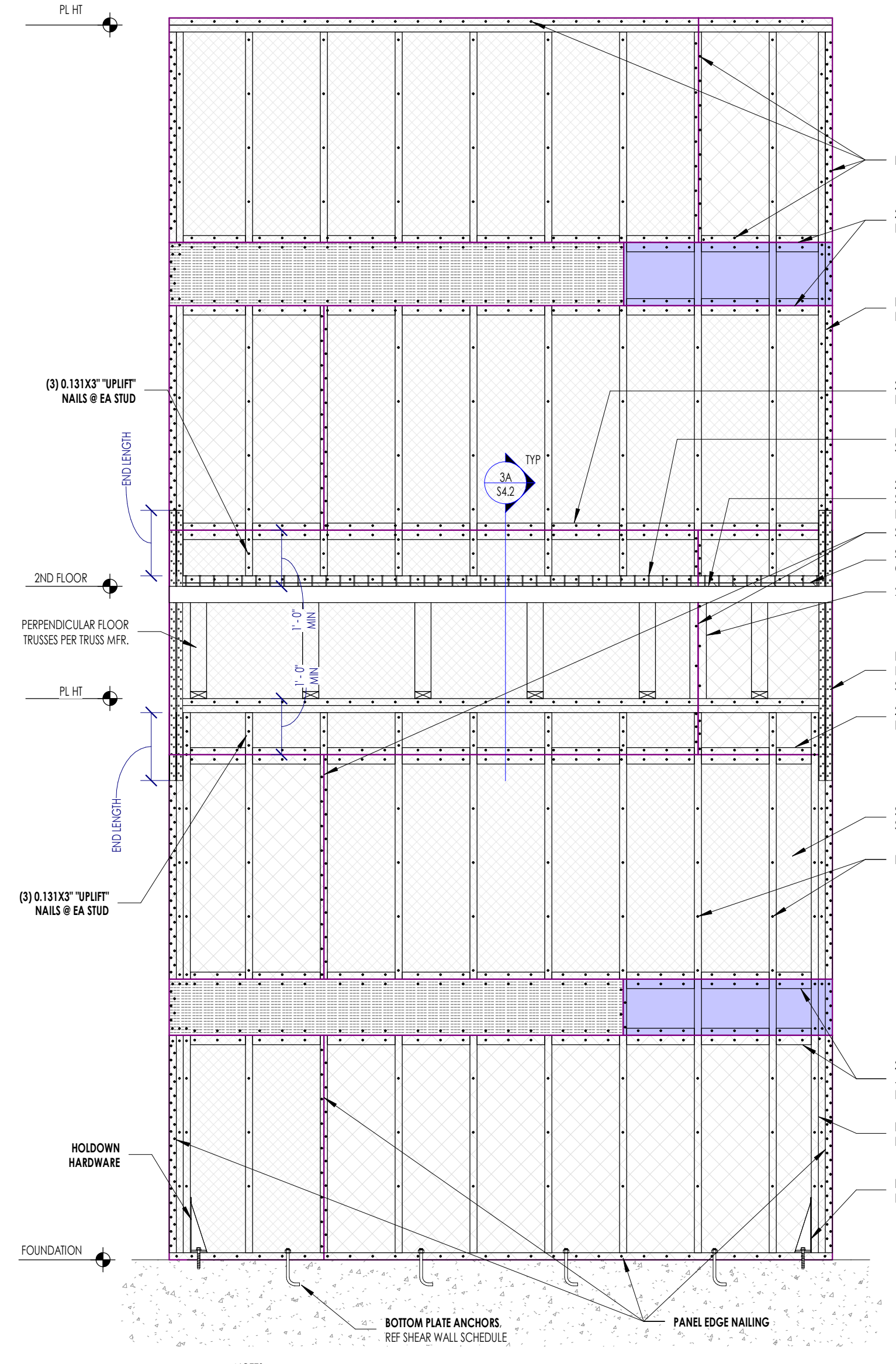
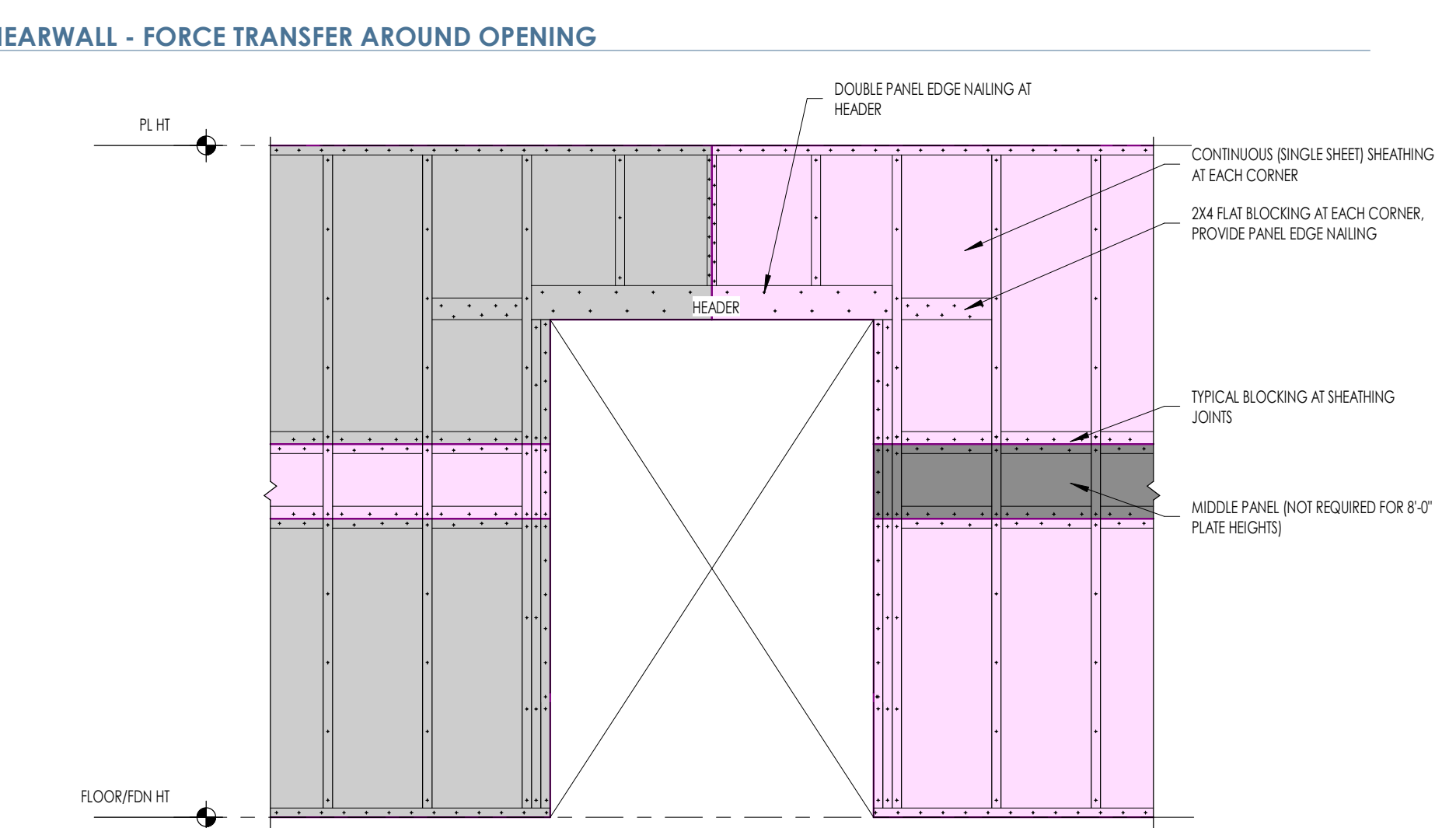
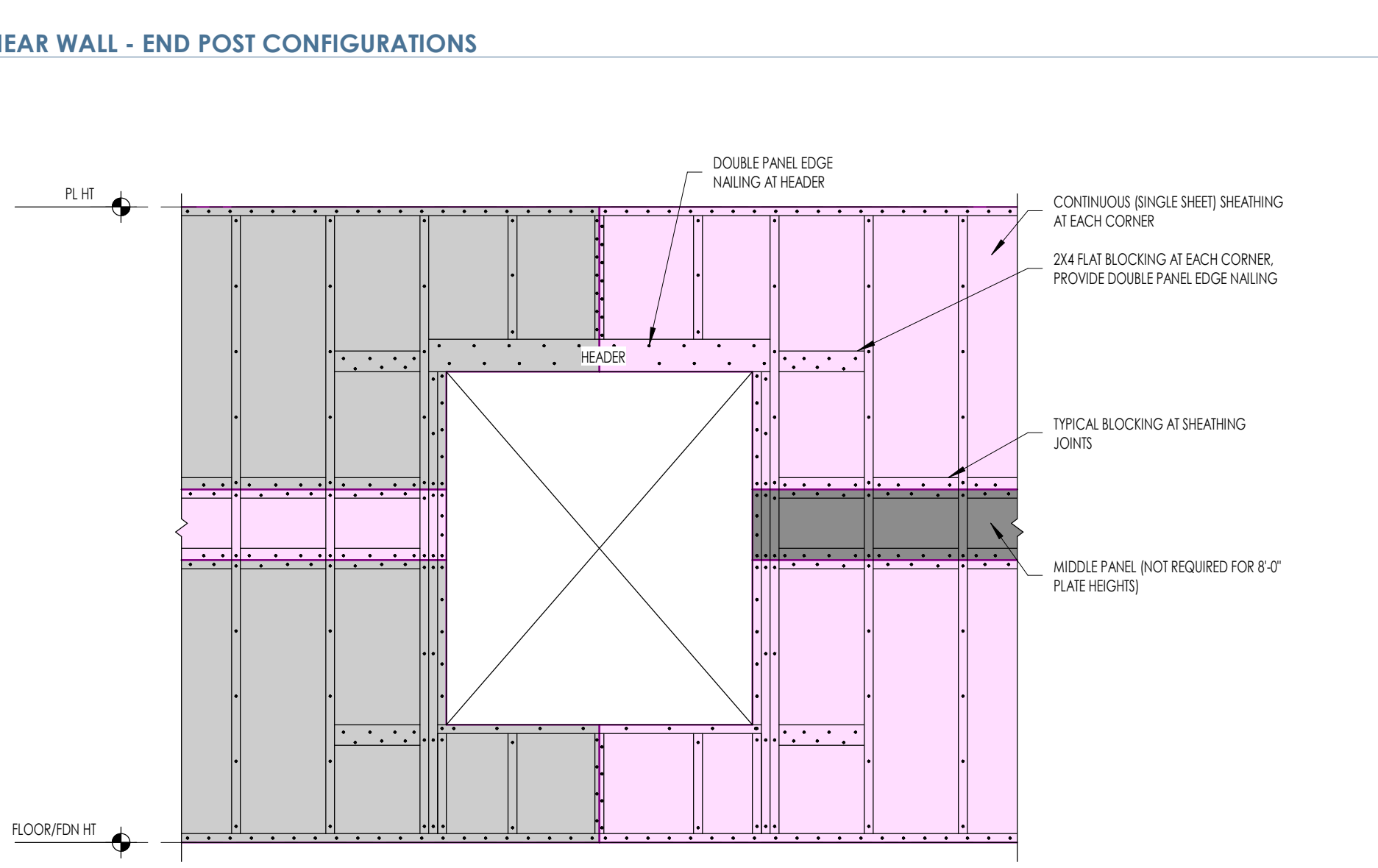
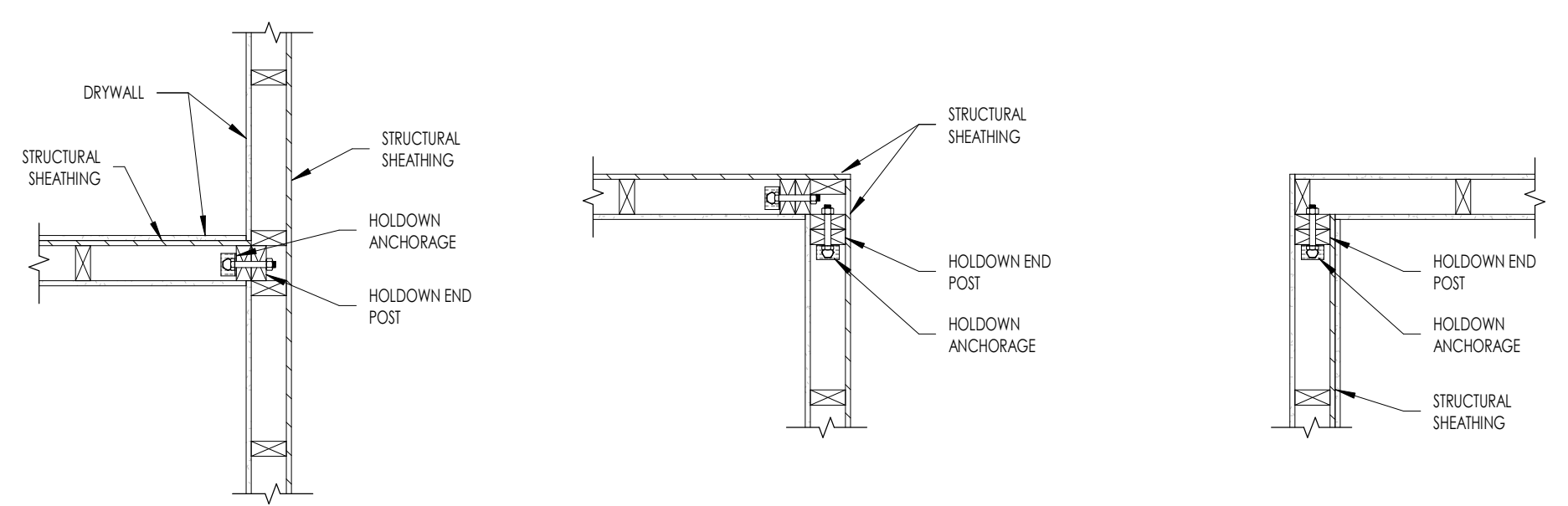
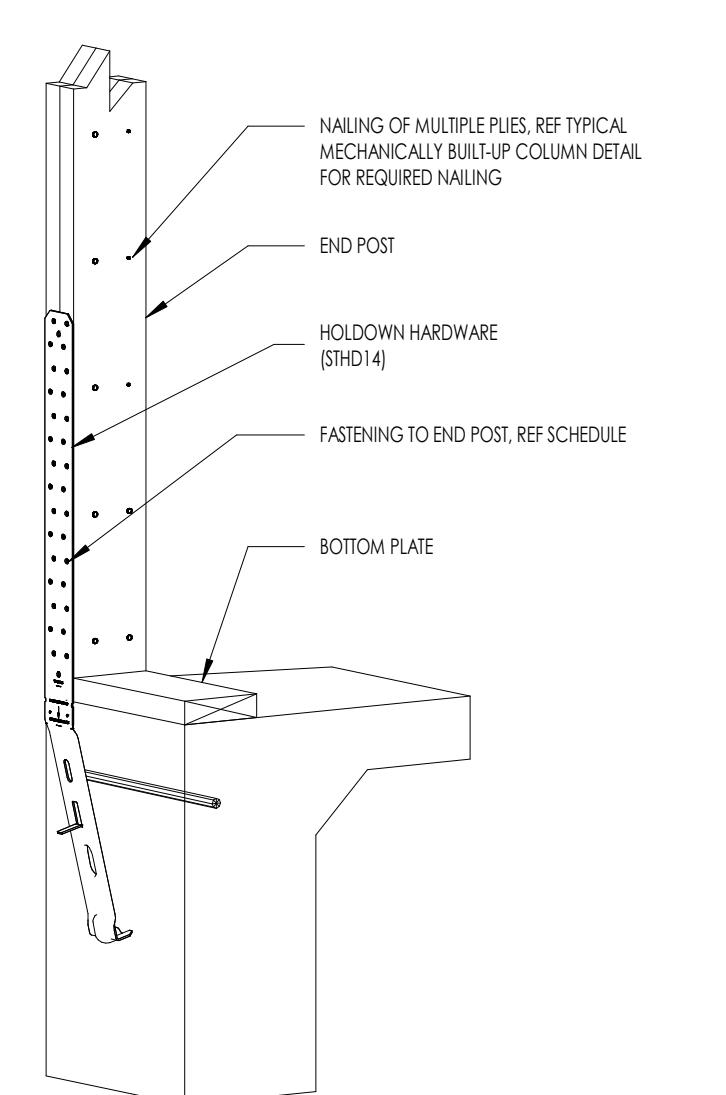
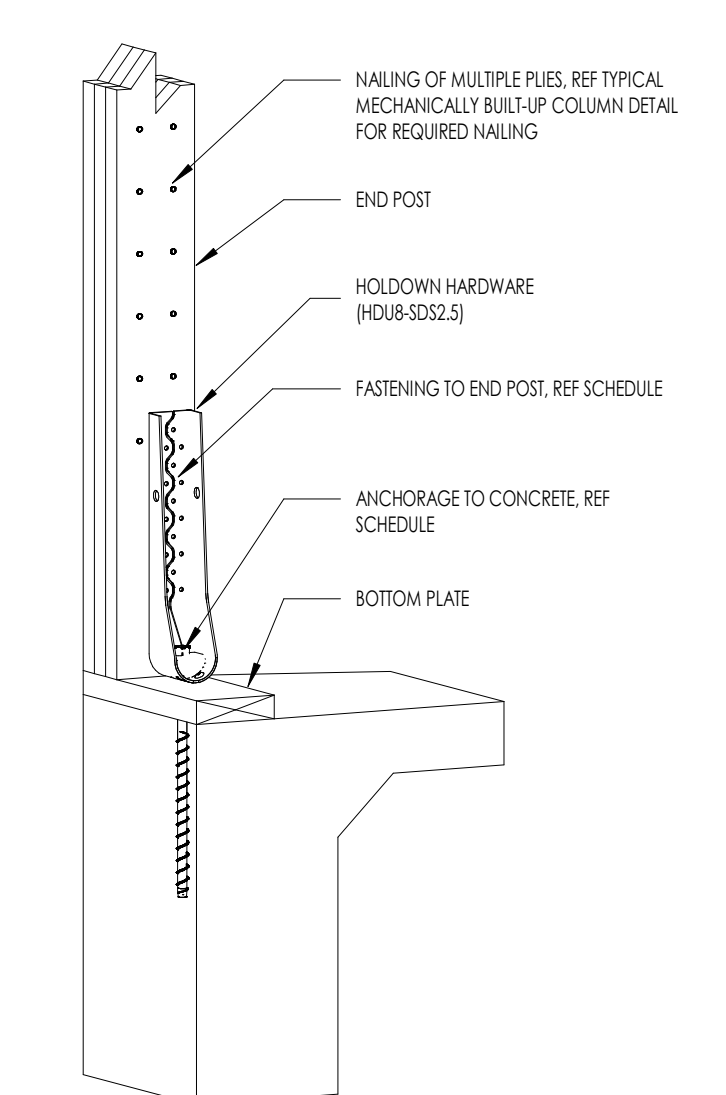
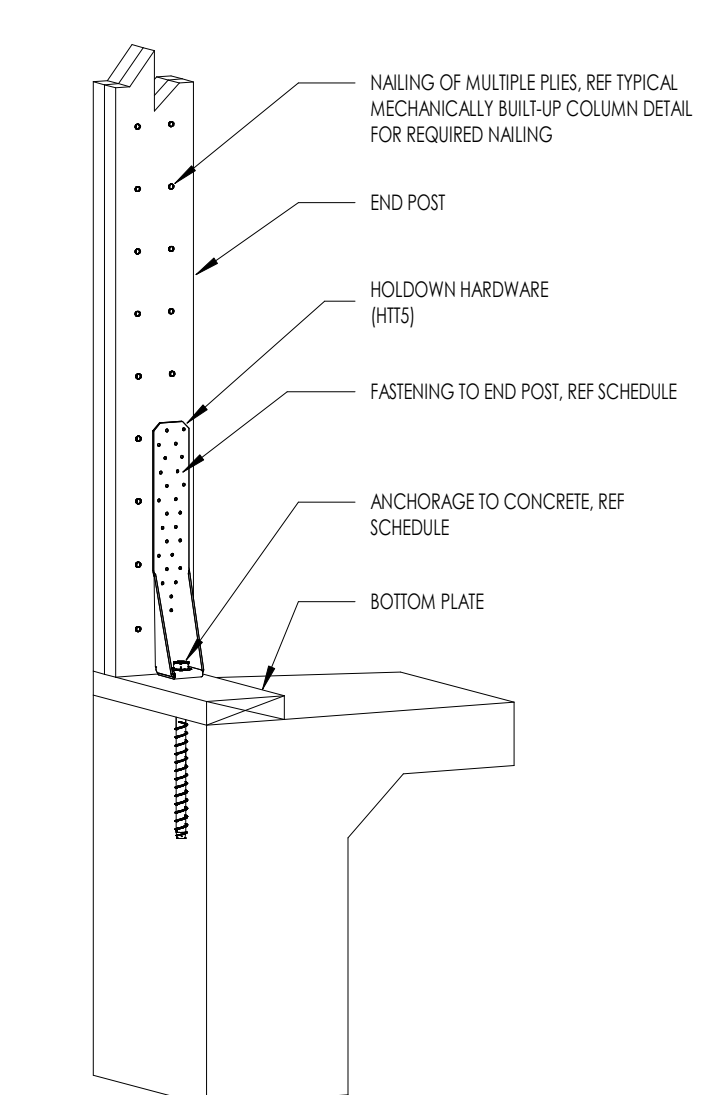
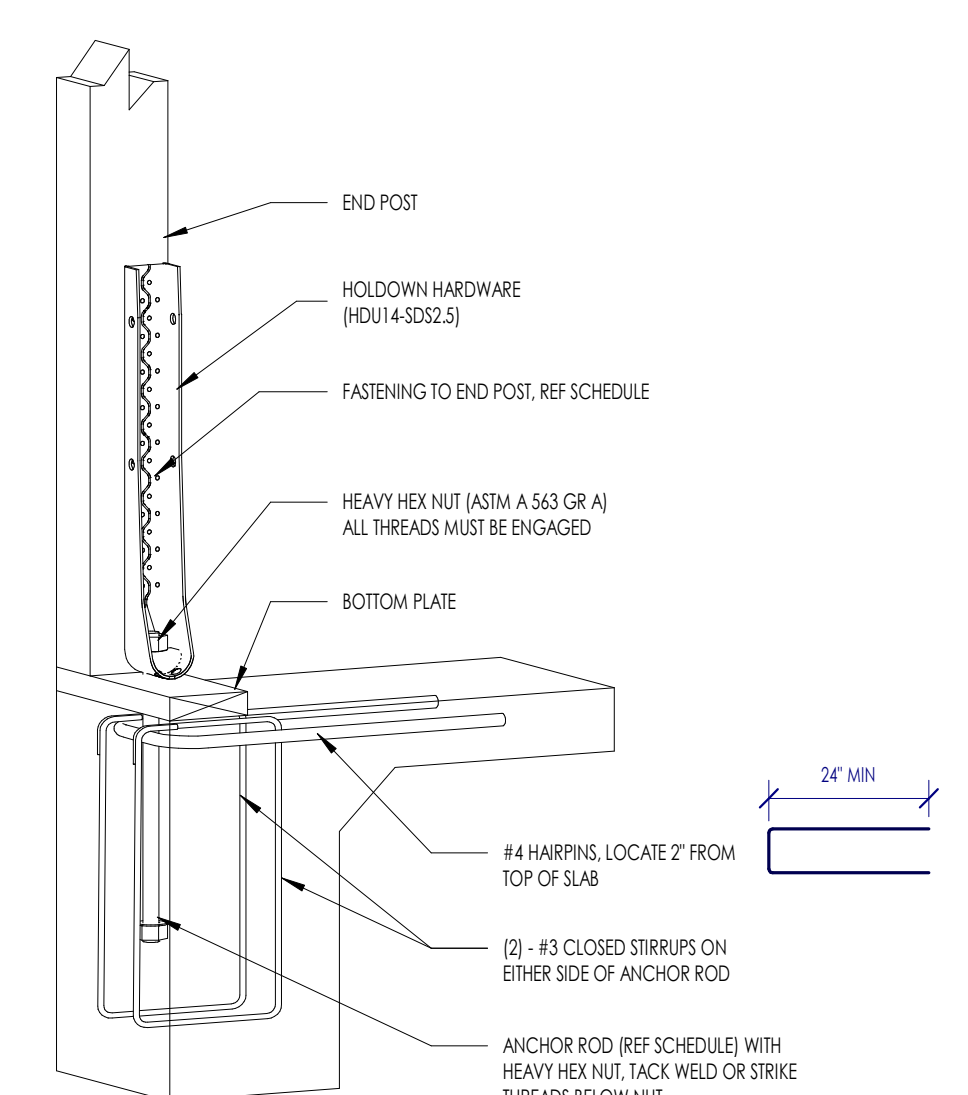
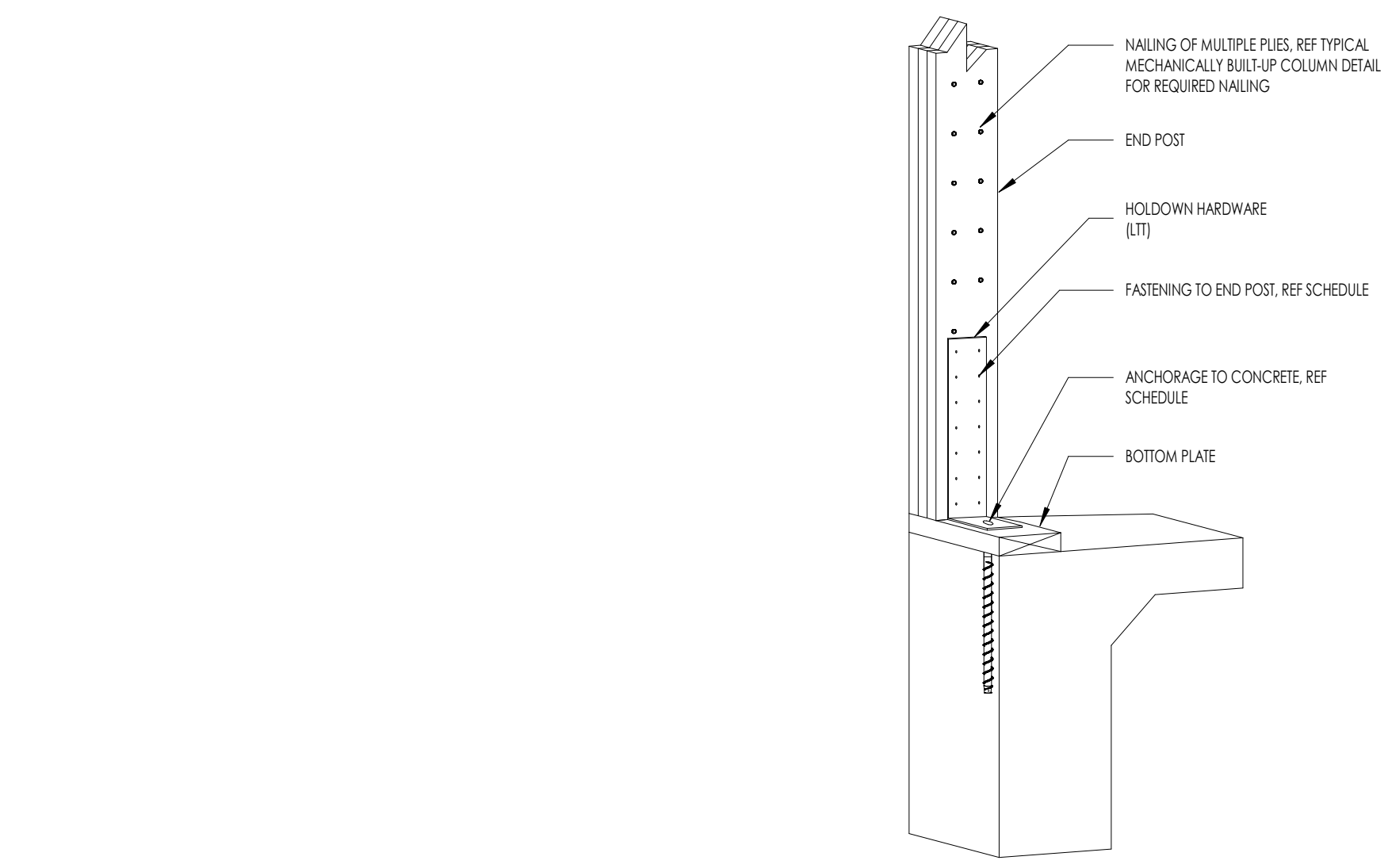
**3A S4.2 061760 FLOOR - TRIMMABLE TRUSS BOTTOM CHORD BEARING ON EXTERIOR WALL**



**2A S4.2 TYPICAL INTERIOR BOTTOM CHORD BEARING AT PARTY WALL**

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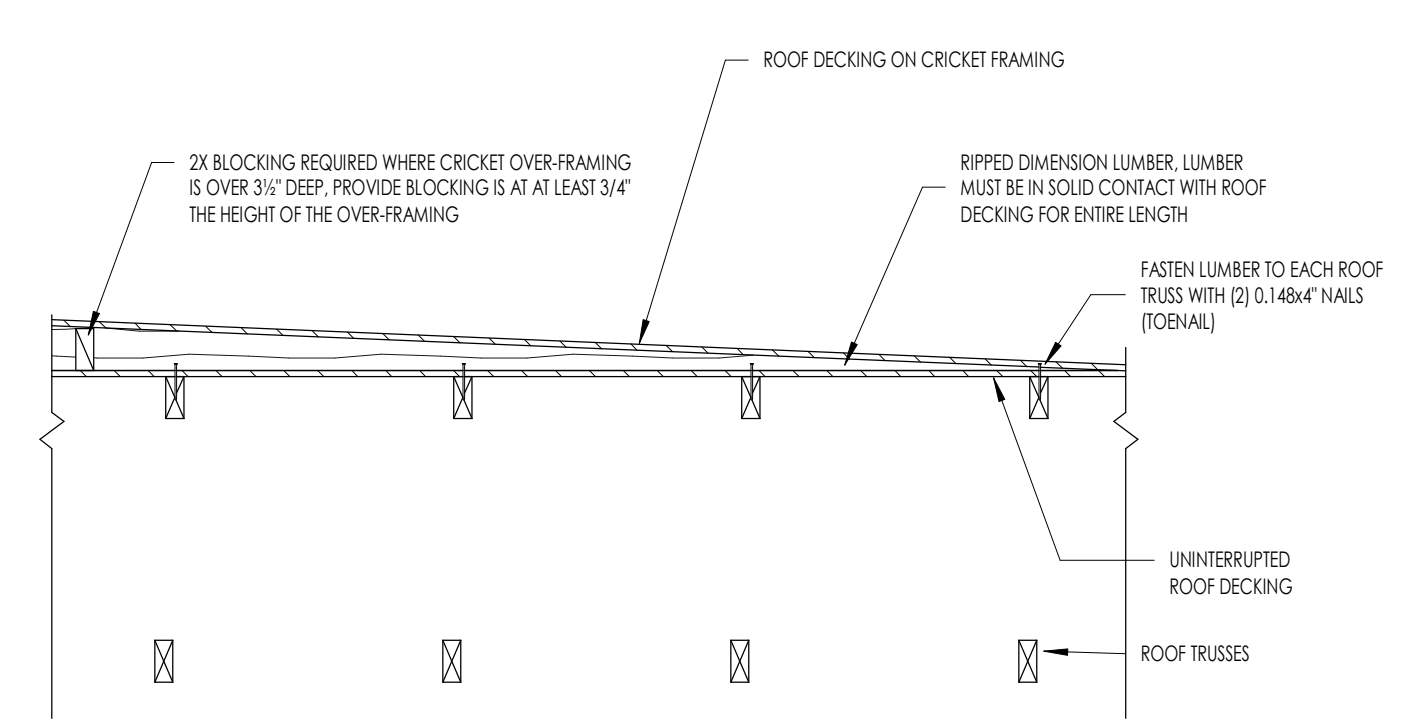
Date:	Description:
06/10/2022	Issued for Permit



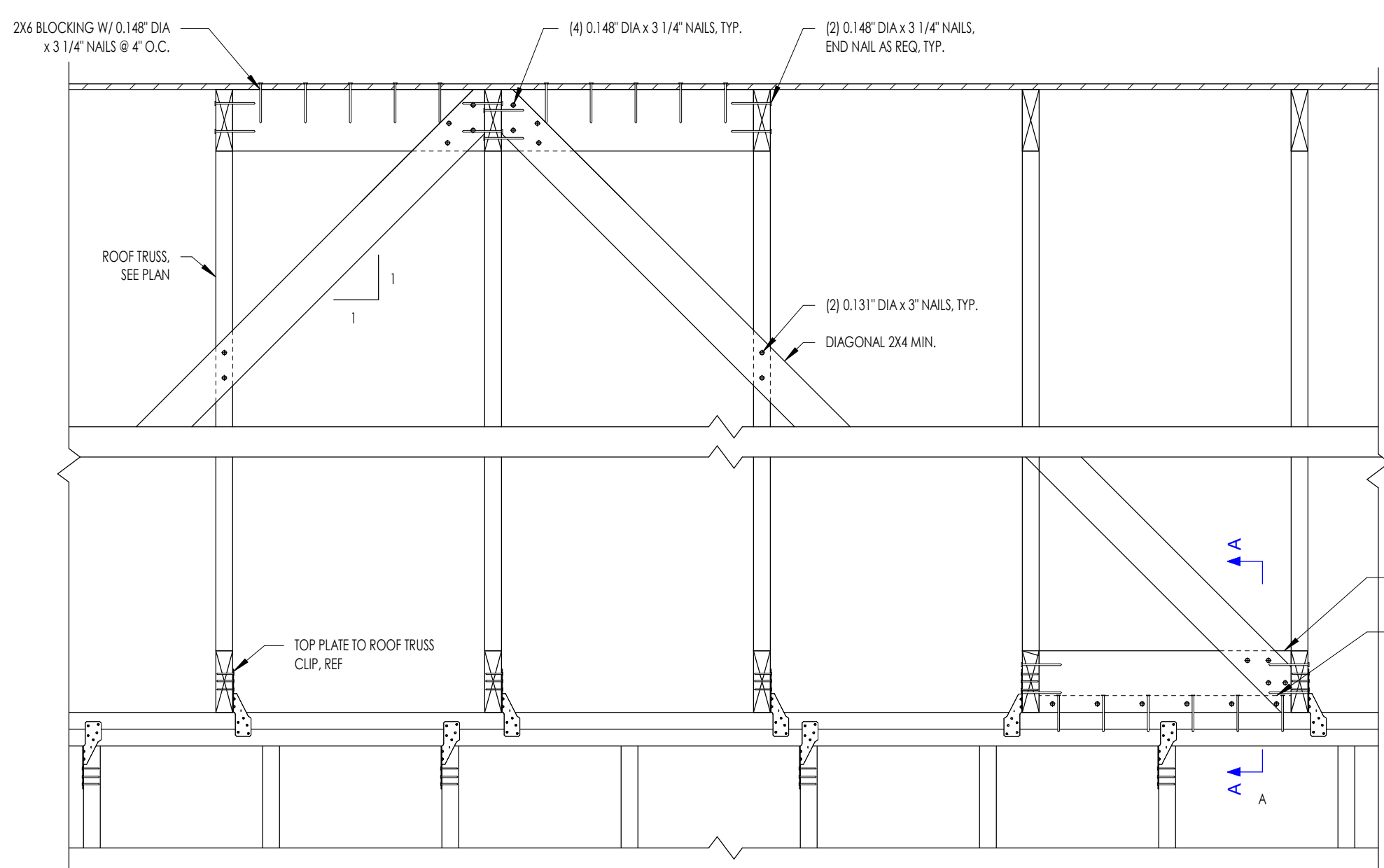
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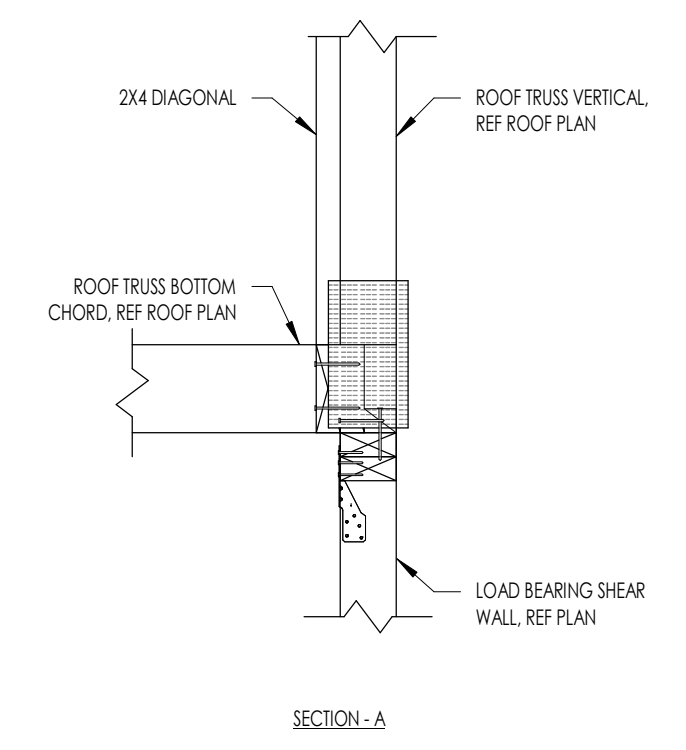




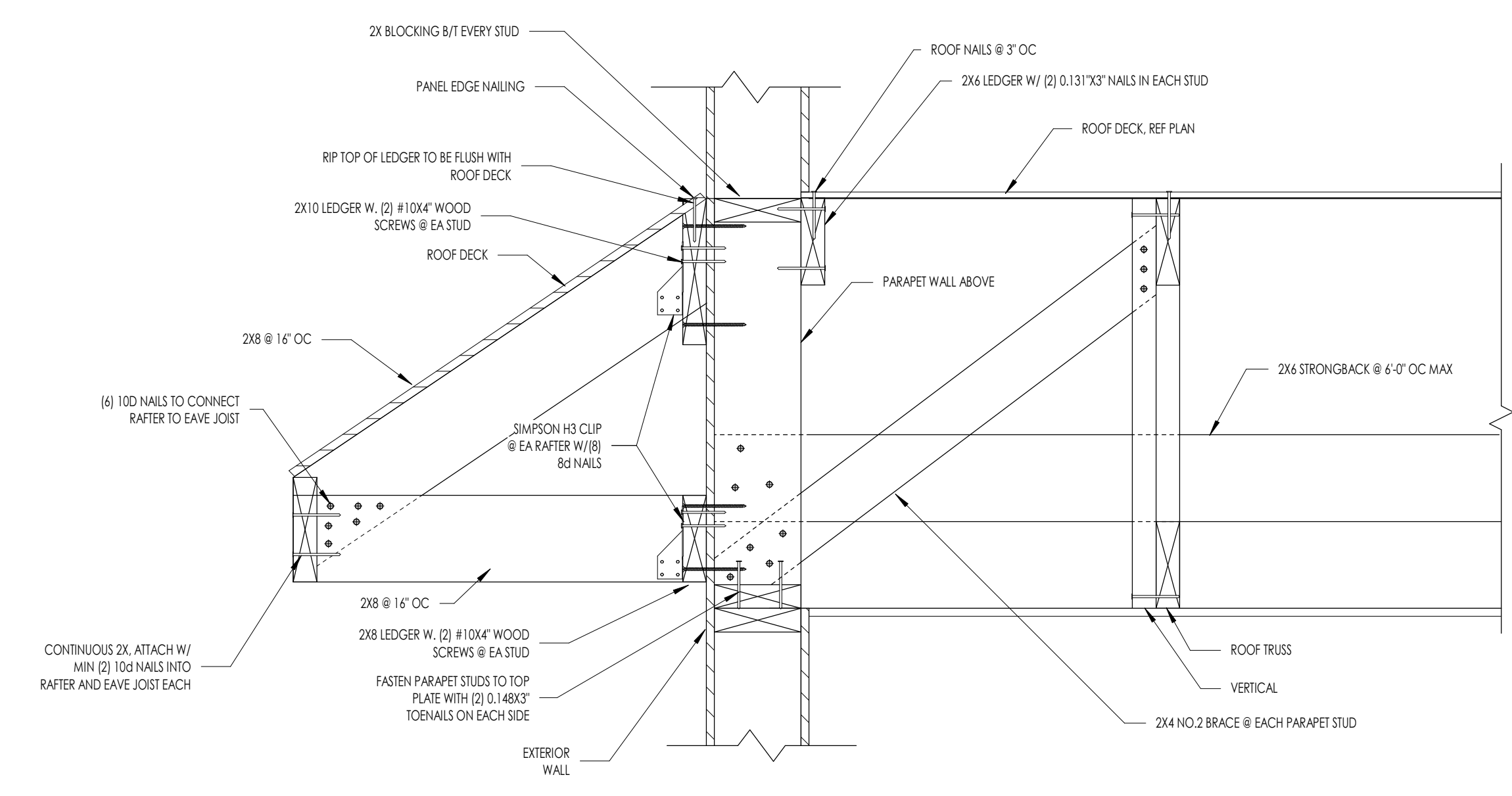
6A S4.4 TYPICAL CRICKET FRAMING AT ROOF



5A S4.4 061760 ROOF - BRACING AT INTERIOR SHEAR WALL



SECTION-A



2A S4.4 ROOF - RAFTER ATTACHMENT INTO WALL

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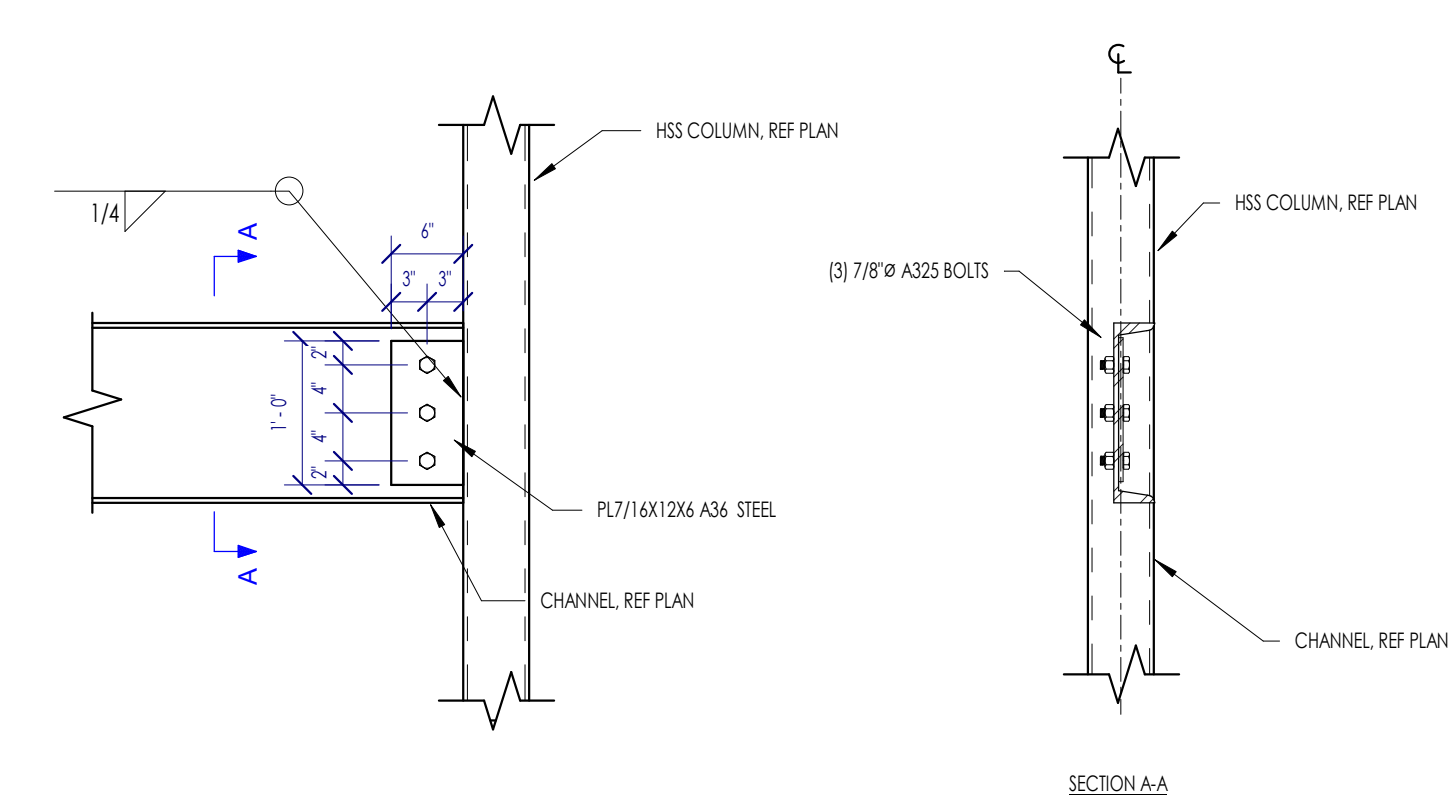
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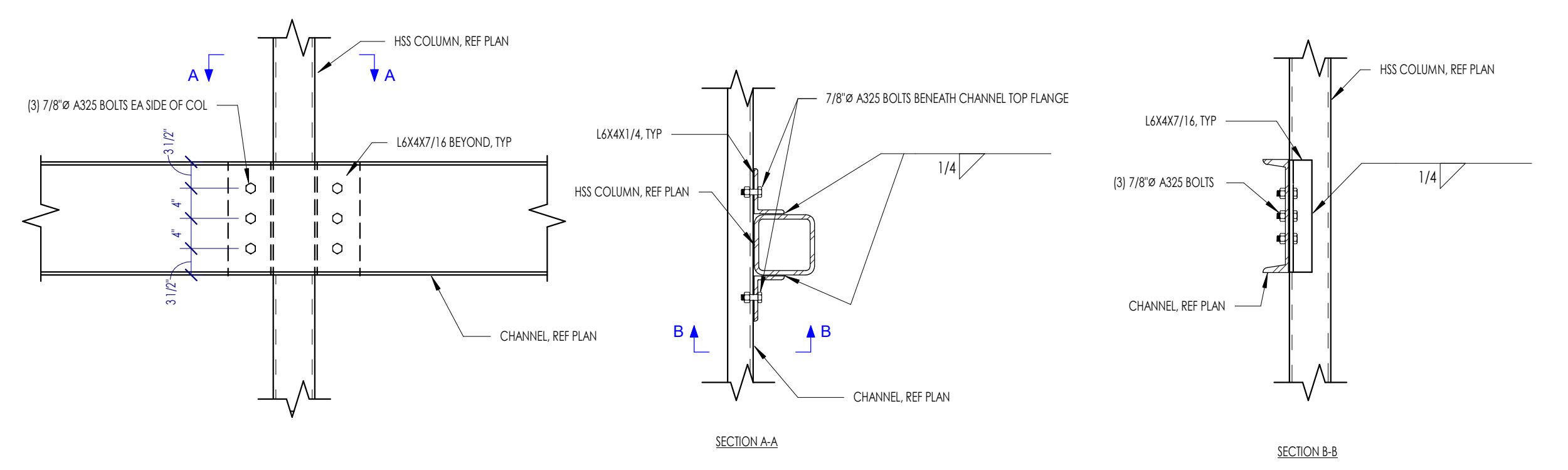
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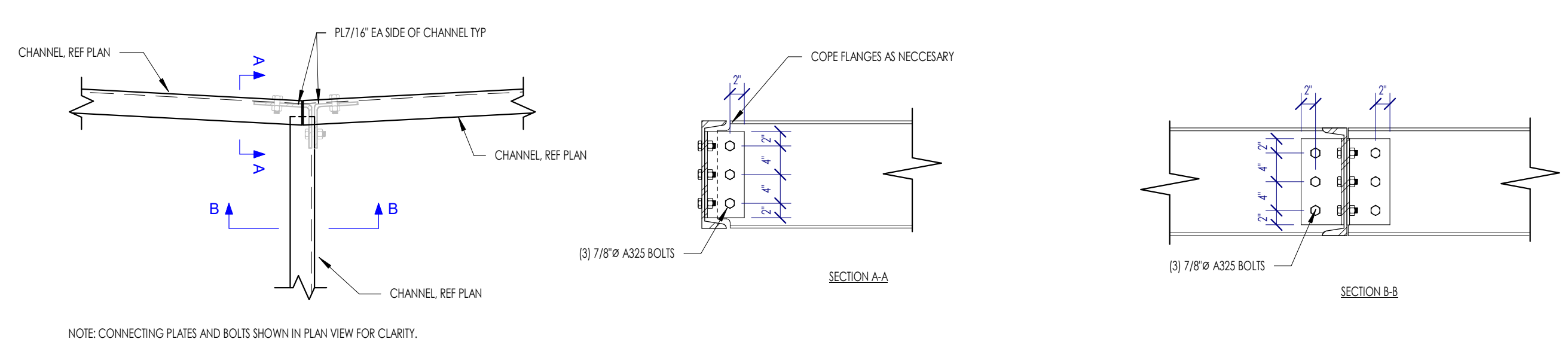
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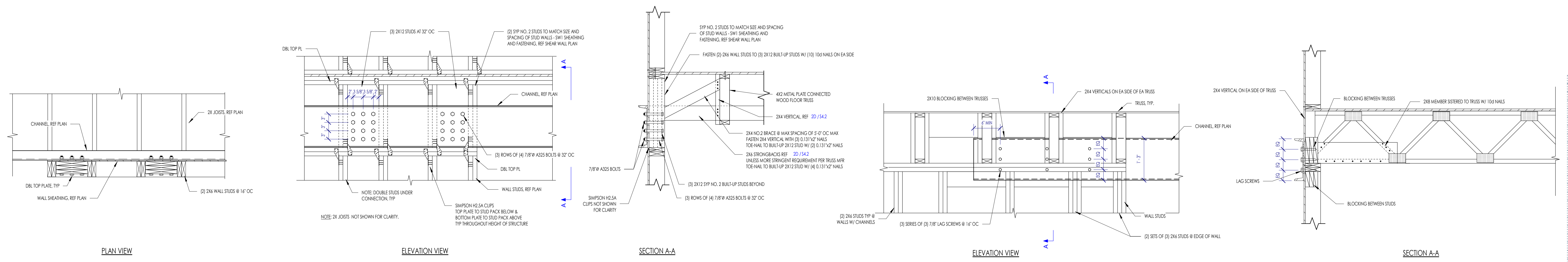
1C S4.5 CHANNEL TO HSS COLUMN CONNECTION - ALIGNED



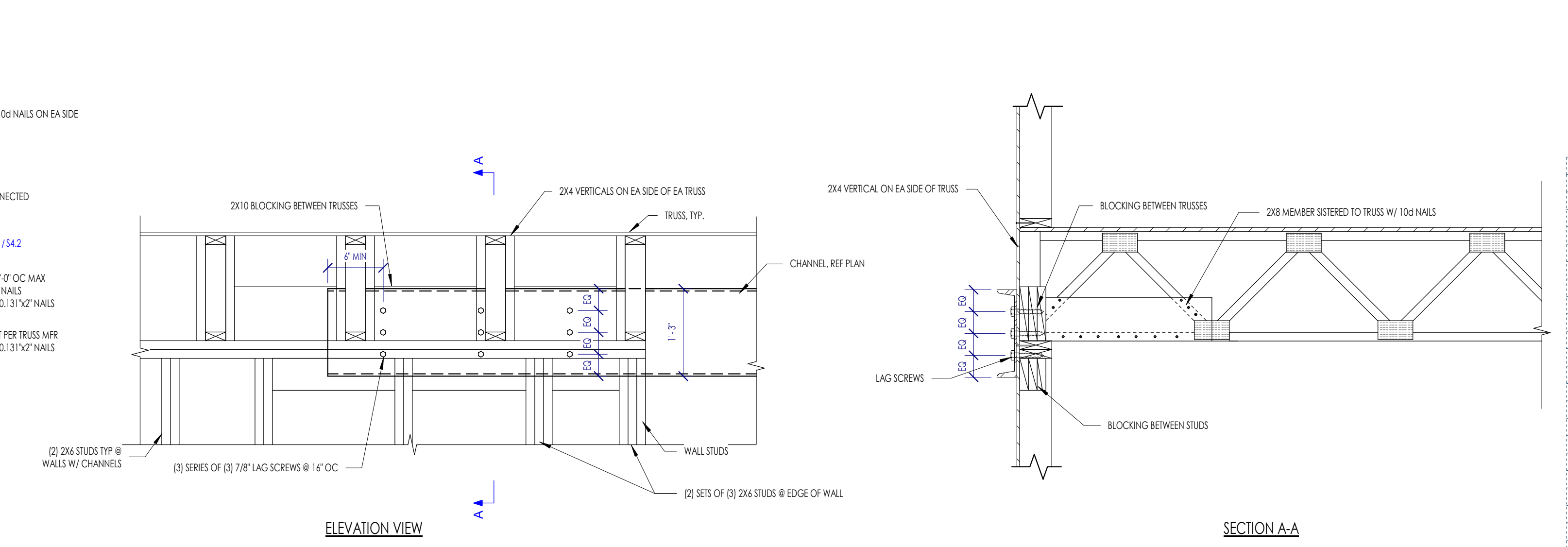
3B S4.5 CHANNEL TO HSS COLUMN CONNECTION - ECCENTRIC



6B S4.5 TYPICAL CHANNEL CONNECTION AT BALCONY1



6A S4.5 TYPICAL CHANNEL TO WALL STUD BOLTED CONNECTIONX



3A S4.5 TYPICAL CHANNEL TO WALL STUD CONNECTION

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