

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 NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE BUILDING OFFICIAL... 3. DATES OF THE SPECIAL INSPECTION... 4. DUTIES AND RESPONSIBILITIES OF THE CONTRACTOR... 5. PLEASE SEE THE SPECIAL INSPECTION SCHEDULE FOR THE TYPES, DATES AND FREQUENCY OF SPECIFIC ITEMS REQUIRING SPECIAL INSPECTIONS AND STRUCTURAL TESTS... 6. REFER TO ARCHITECTURAL AND/OR MEP DRAWINGS FOR ADDITIONAL SPECIAL INSPECTION REQUIRED.

WIND-RESISTING COMPONENTS (7703.1.3)

- 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 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: AFTER BUILDING CONSTRUCTION AND LANDSCAPING HAVE BEEN COMPLETED, FINAL GRADES SHALL BE VERIFIED TO DOCUMENT REQUIRED DRAINAGE; AFTER BUILDING CONSTRUCTION AND LANDSCAPING 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.

REQUIRED VERIFICATION AND INSPECTION OF SOILS (TABLE 7703.4)

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 PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THE SITE HAS BEEN PREPARED PROPERLY.

REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION (§1703.5)

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: PREFABRICATED WOOD STRUCTURAL ELEMENTS (METAL PLATE CONNECTED WOOD TRUSSES FABRICATION AND IMPERMEATION 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.

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL CONSTRUCTION (§1703.2.1)

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: THE SPECIAL INSPECTOR SHALL INSPECT THE FABRICATED OR ERECTED STEEL FRAME, AS APPROPRIATE, TO VERIFY COMPLIANCE WITH THE DETAIL SHOWN ON THE CONSTRUCTION DOCUMENTS; STRUCTURAL STEEL - ANCHOR RODS / EMBED PLATES.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: THE SPECIAL INSPECTOR SHALL BE ON THE PREMISES FOR INSPECTION DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENT SUPPORTING STRUCTURAL STEEL; STRUCTURAL STEEL - WELDS.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE; MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE; MATERIAL IDENTIFICATION (MPE / GRADE); WELDER IDENTIFICATION SYSTEM; FIT-UP GROOVE WELDS; CONFIGURATION AND FINISH OF ACCESS HOLES; FIT-UP FILLET WELDS; CHECK WELDING EQUIPMENT.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: INSPECTION TASKS PRIOR TO WELDING (ASCC 340 TABLE NS 4-1); WELDING PROCEDURE SPECIFICATION (WPS) AVAILABLE; MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE; MATERIAL IDENTIFICATION (MPE / GRADE); WELDER IDENTIFICATION SYSTEM; FIT-UP GROOVE WELDS; CONFIGURATION AND FINISH OF ACCESS HOLES; FIT-UP FILLET WELDS; CHECK WELDING EQUIPMENT.

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: USE OF QUALIFIED WELDERS; CONTROL AND HANDLING OF WELDING CONSUMABLES; NO WELDING OVER CRACKED TACK WELDS; ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE); WPS FOLLOWED.

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Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: INSPECTION TASKS DURING WELDING (ASCC 340 TABLE NS 4-2); USE OF QUALIFIED WELDERS; CONTROL AND HANDLING OF WELDING CONSUMABLES; NO WELDING OVER CRACKED TACK WELDS; ENVIRONMENTAL CONDITIONS (WIND SPEED WITHIN LIMITS, PRECIPITATION AND TEMPERATURE); WPS FOLLOWED.

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STRUCTURAL STEEL HIGH-STRENGTH BOLTS (TURN-OF-NUT)

TURN-OF-NUT PRETENSIONING: THE INSPECTOR SHALL OBSERVE THE PRE-INSTALLATION VERIFICATION TESTING REQUIRED IN SECTION 8.2. SUBSEQUENTLY, IT SHALL BE ENSURED BY ROUTINE OBSERVATION THAT THE BOLTING CREW PROPERLY ROTATES THE TURNED ELEMENT RELATIVE TO THE TURNED ELEMENT BY THE AMOUNT SPECIFIED IN TABLE 8.2. AS A RESULT, WHEN FASTENER ASSEMBLIES ARE MANIPULATED AFTER THE INITIAL FIT-UP OF THE JOINT BUT PRIOR TO PRETENSIONING, VISUAL INSPECTION AFTER PRETENSIONING IS PERMITTED IN LIEU OF ROUTINE OBSERVATION. NO FURTHER EVIDENCE OF CONFORMITY IS REQUIRED. A PRETENSION THAT IS GREATER THAN THE VALUE SPECIFIED IN TABLE 8.1 SHALL NOT BE CAUSE FOR REJECTION. A ROTATION THAT EXCEEDS THE REQUIRED VALUES, INCLUDING TOLERANCE, SPECIFIED IN TABLE 8.2 SHALL NOT BE CAUSE FOR REJECTION.

Table with 4 columns: BOLT LENGTH, DISPOSITION OF OUTER FACES OF BOLTED PARTS, ONE FACE NORMAL TO BOLT AXIS, OTHER SLOPED MORE THAN 1:20, BOTH FACES SLOPED MORE THAN 1:20 FROM NORMAL TO BOLT AXIS.

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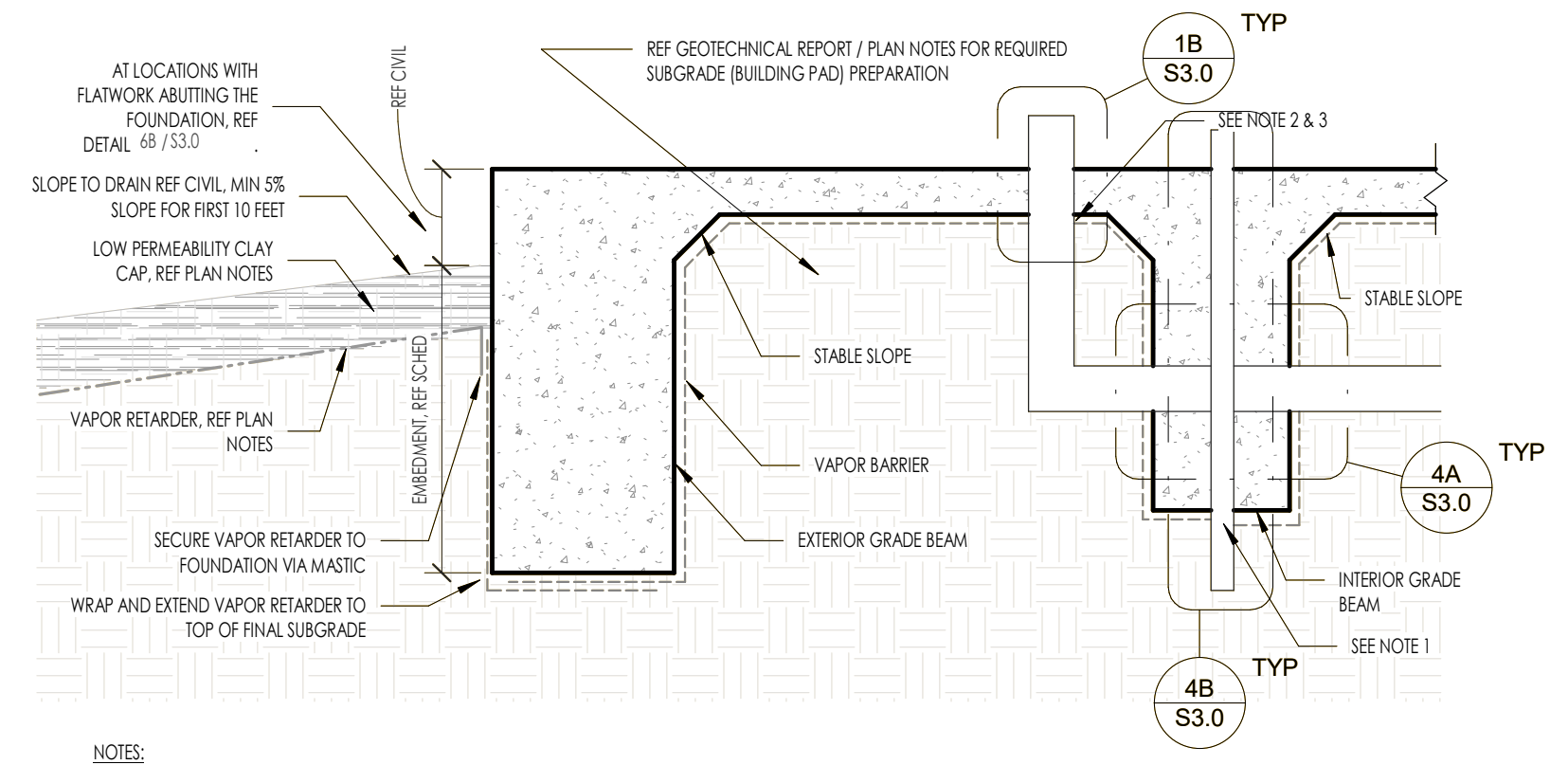
Table with 4 columns: BOLT LENGTH, DISPOSITION OF OUTER FACES OF BOLTED PARTS, ONE FACE NORMAL TO BOLT AXIS, OTHER SLOPED MORE THAN 1:20, BOTH FACES SLOPED MORE THAN 1:20 FROM NORMAL TO BOLT AXIS.

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

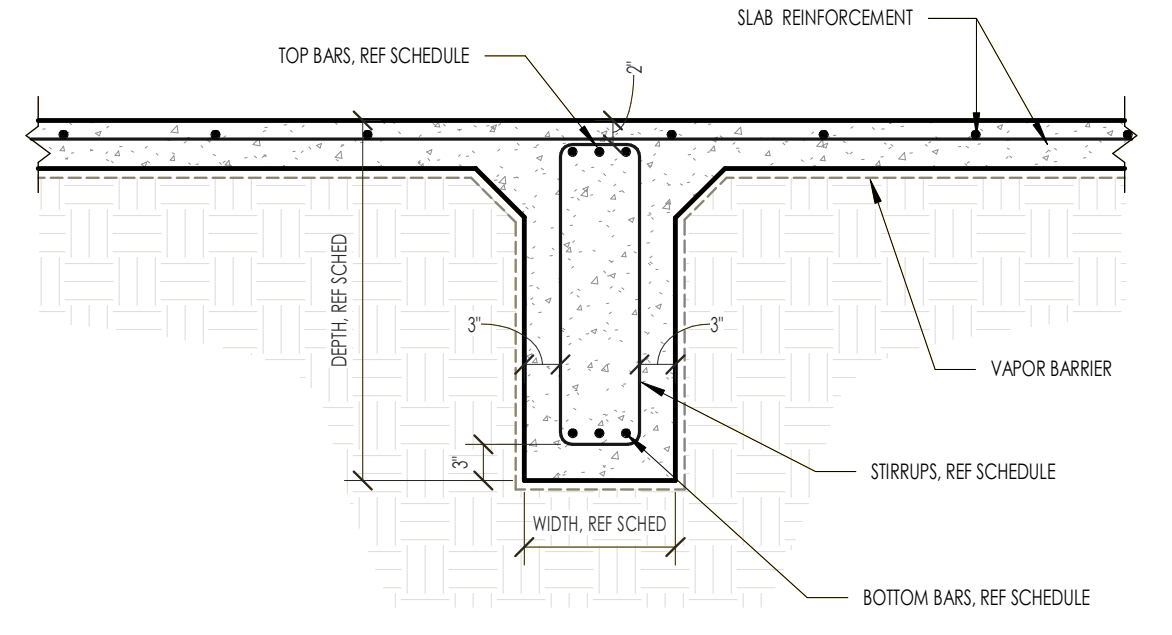
MEP: AMC Engineers 508 E Jackson St # 552 Burnet, TX 78611 info@amcengineers.com

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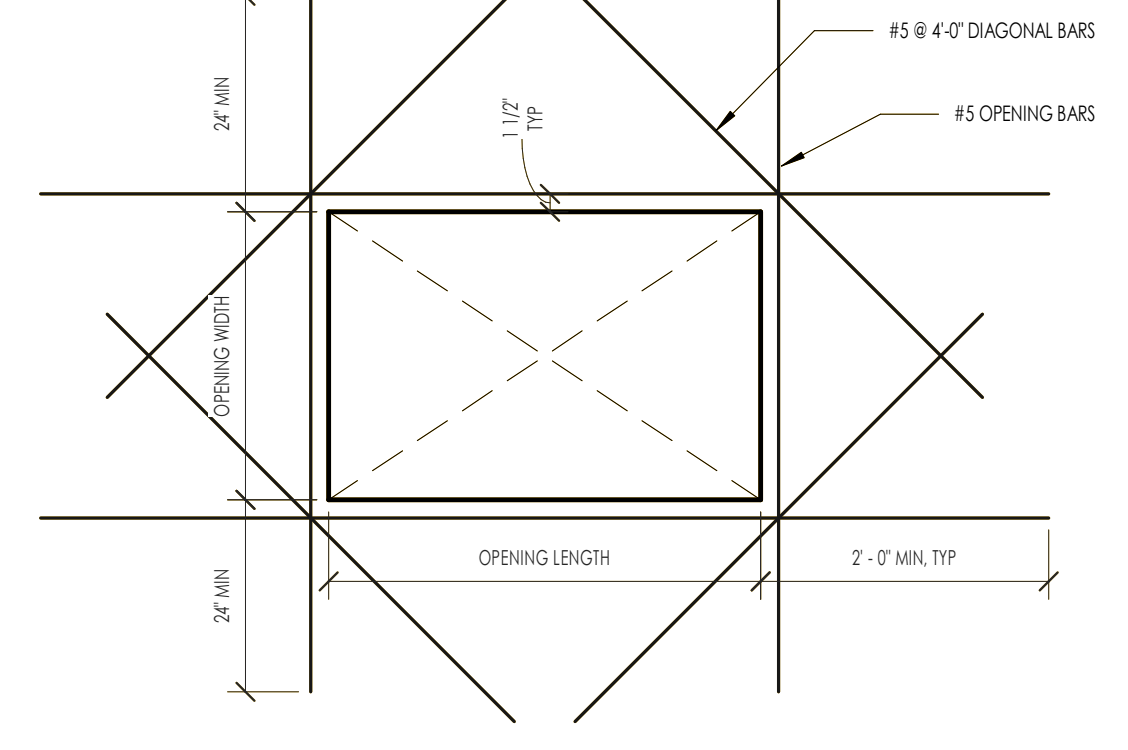


NOTES:
1. CUT AND/OR LAP THE VAPOR RETARDER AT THE BOTTOM OF INTERIOR GRADE BEAMS. THE VAPOR RETARDER SHALL BE SECURED TO THE SIDES OF THE GRADE BEAM. IF LAPS ARE REQUIRED ON TOP OF THE SLAB, THEY MUST BE SAVED PER MFR RECOMMENDATIONS.
2. ALL PIPE, DUCTING, REAR, WIRE PENETRATIONS AND BLOCK OUTS SHOULD BE SEALED USING MFR 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 HOLES, 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 DIRT, DUST, MOISTURE, AND FROST. TAPE DOWN ALL EDGES USING MFR RECOMMENDED TAPE.

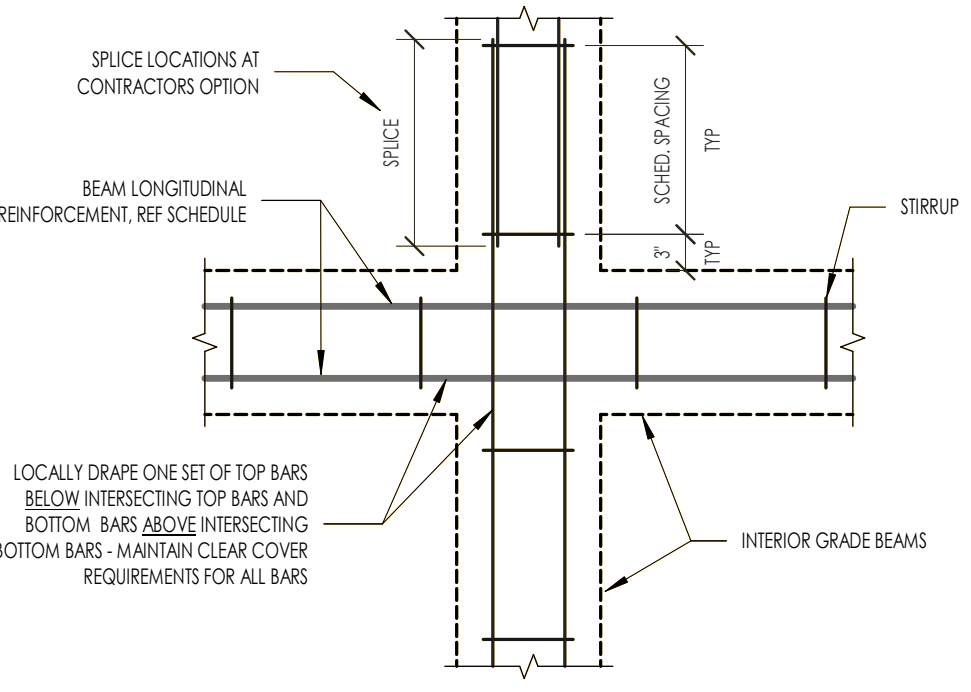
1B S3.0 TYPICAL SUBGRADE AND VAPOR RETARDER PREPARATION



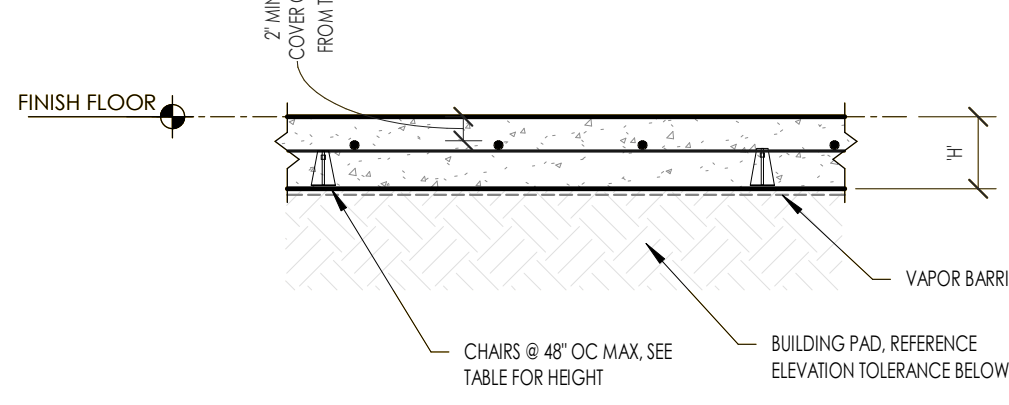
2D S3.0 TYPICAL INTERIOR GRADE BEAM



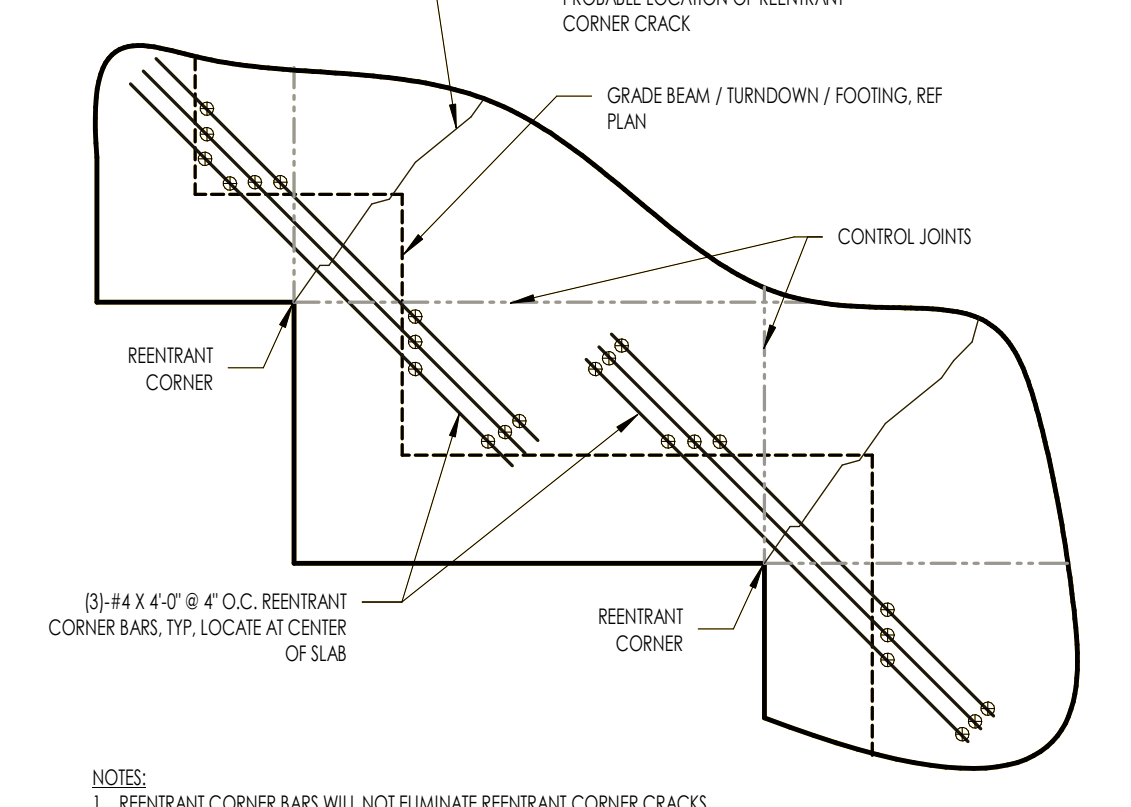
1D S3.0 TYPICAL REINFORCEMENT AT SLAB BLOCKOUT



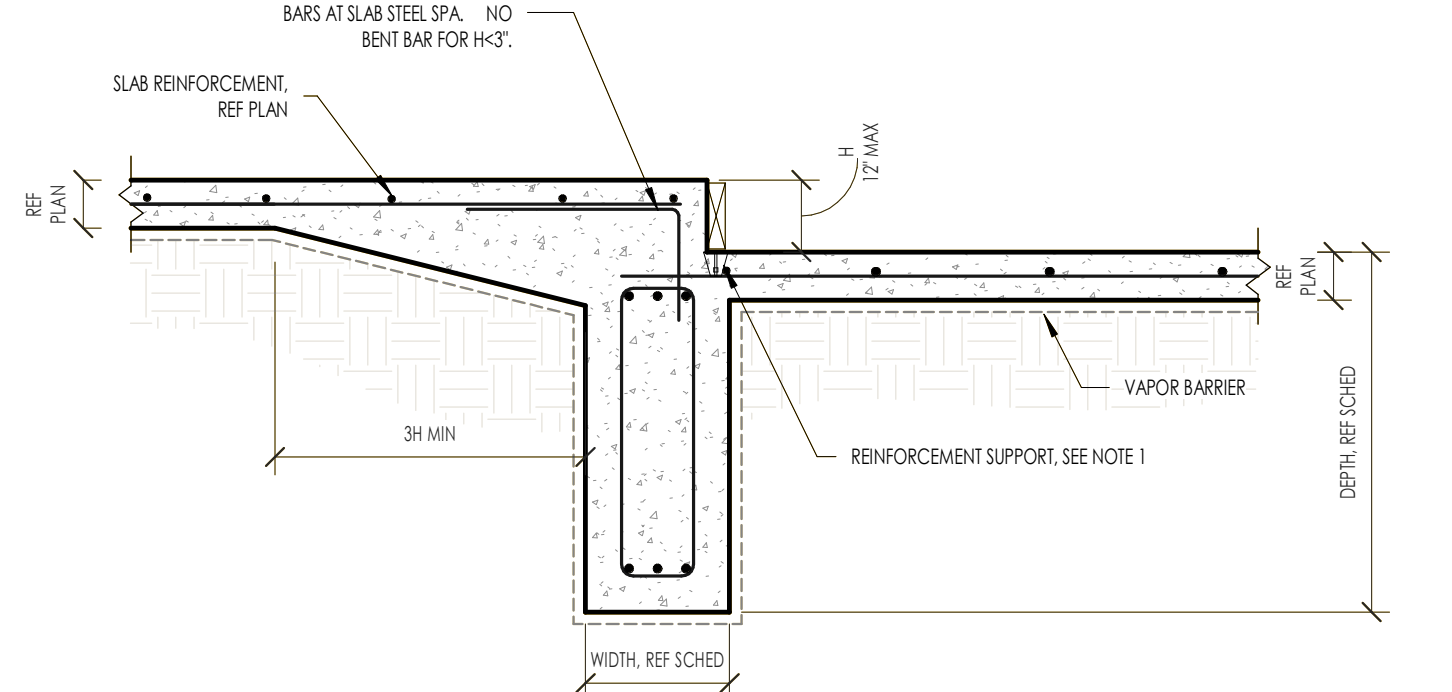
6C S3.0 TYPICAL INTERIOR BEAM INTERSECTION



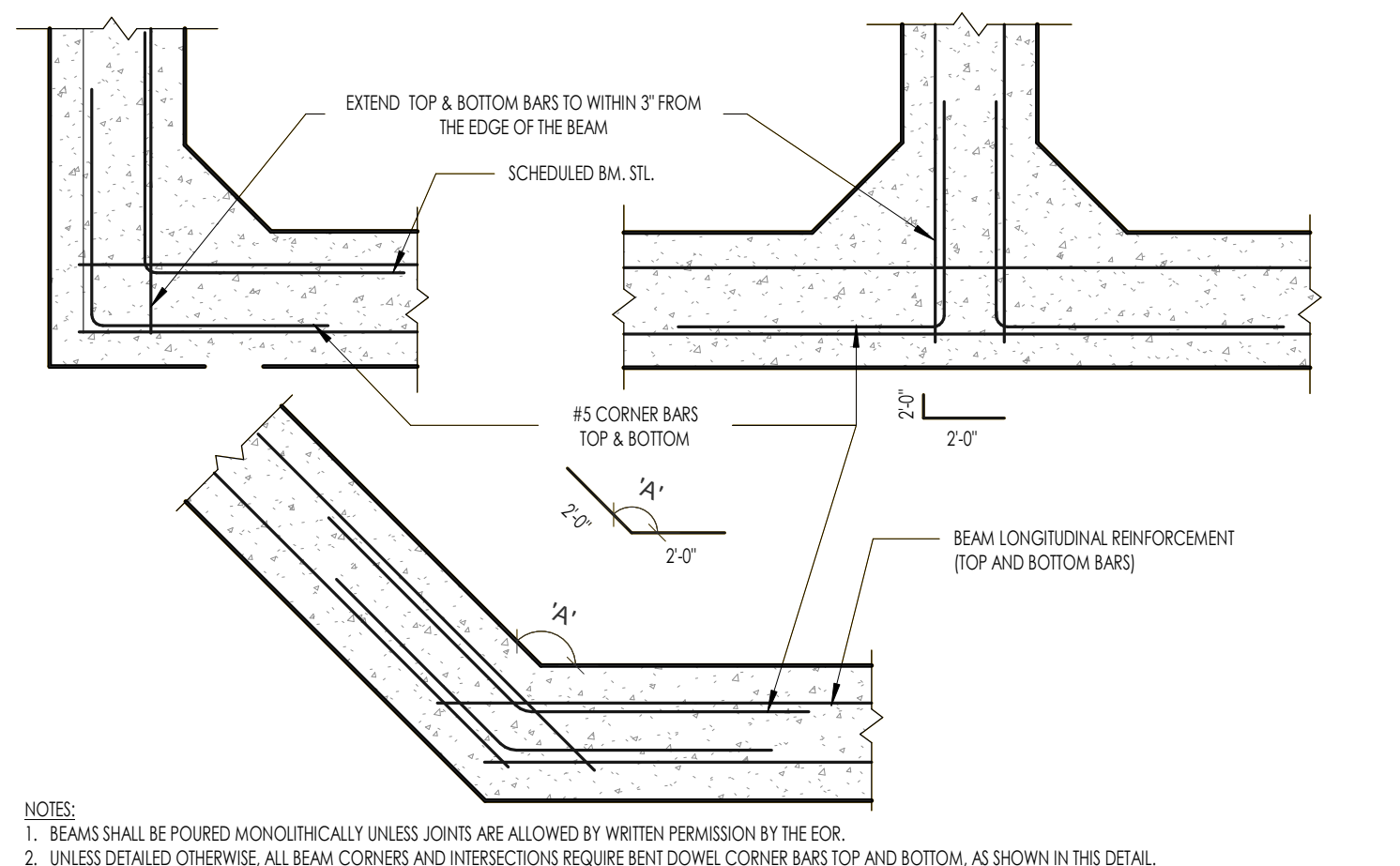
5C S3.0 TYPICAL SLAB-ON-GRADE SECTION



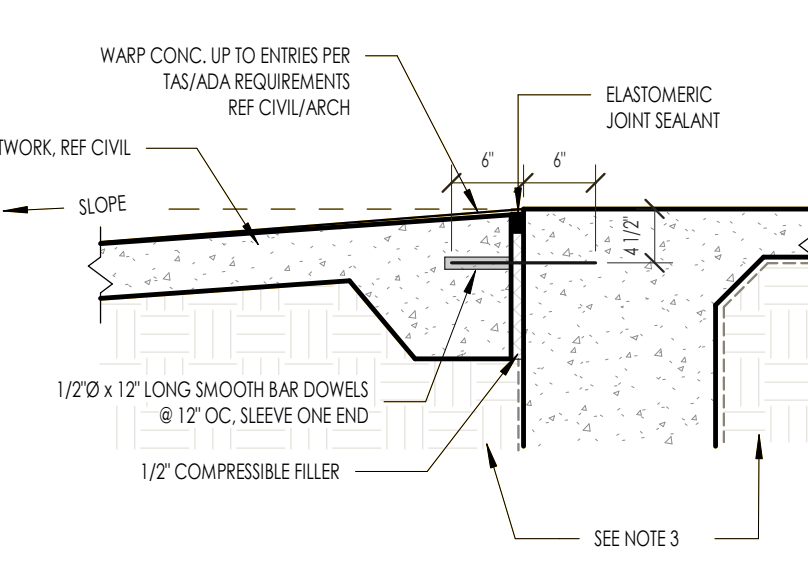
4C S3.0 TYPICAL REINFRANT CORNER BARS



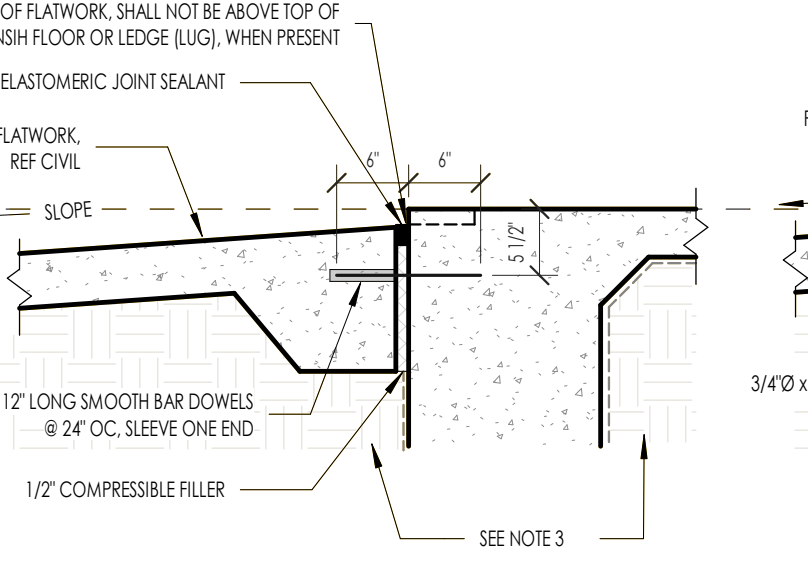
3C S3.0 TYPICAL SLAB DROP AT GRADE BEAM



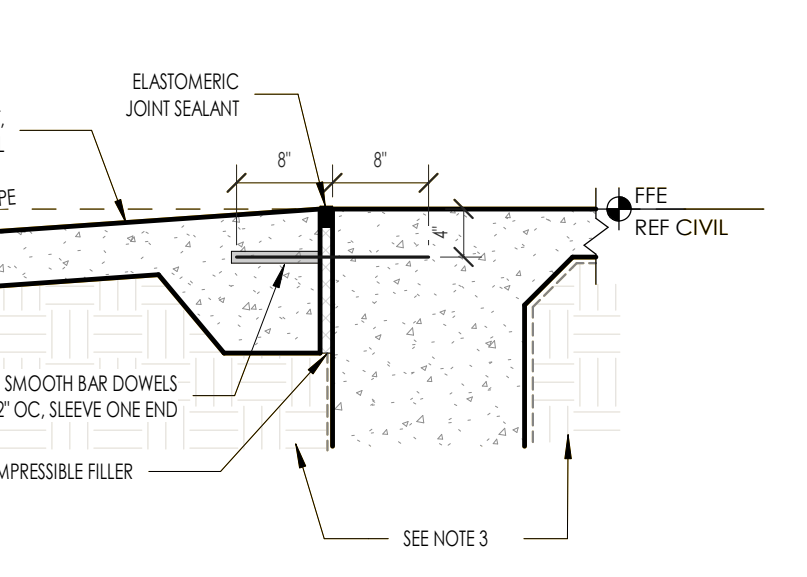
1C S3.0 TYPICAL CORNER BARS



B FLATWORK AT ENTRY DOOR



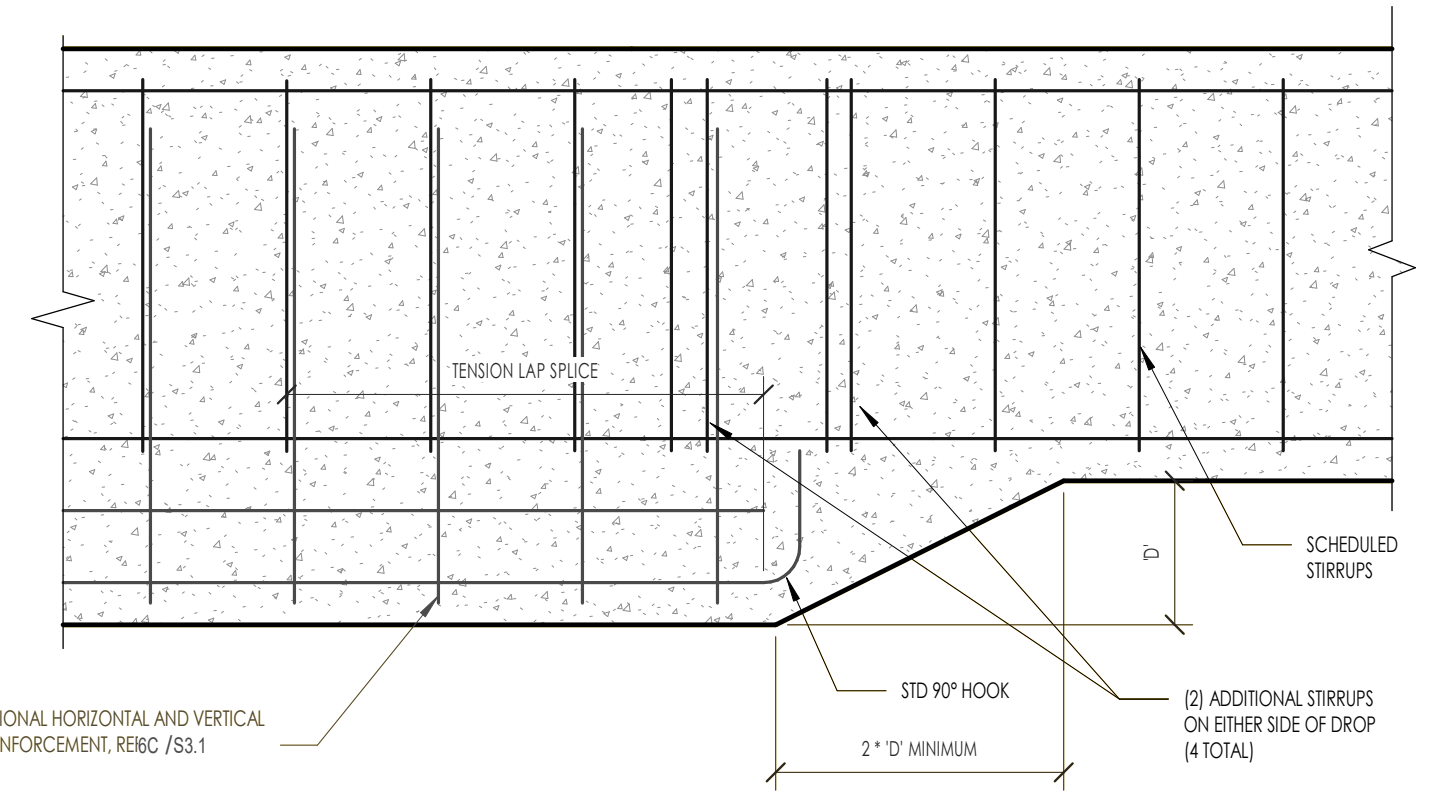
B FLATWORK NOT AT ENTRY DOOR



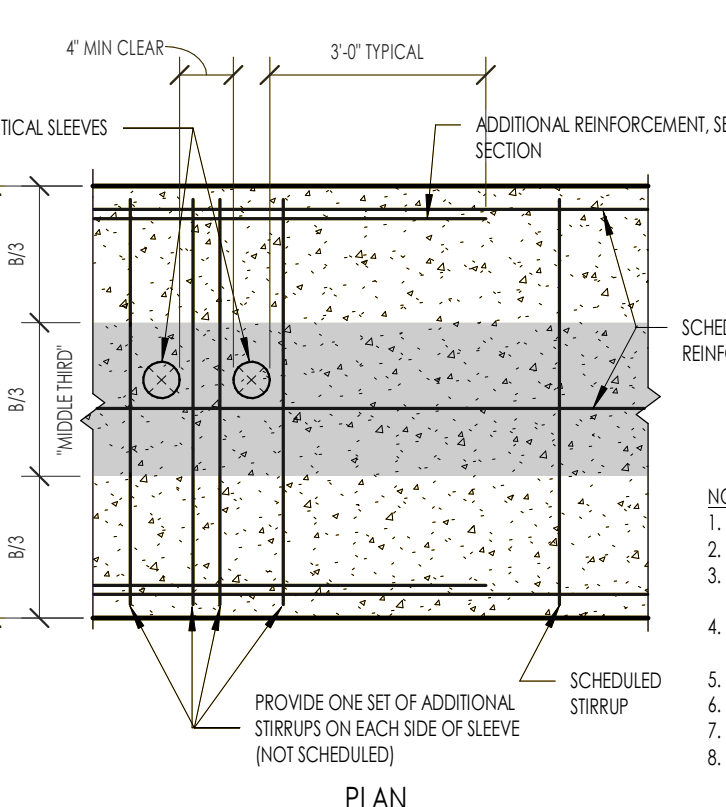
B AT PAVEMENT (DRIVE-IN)

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.

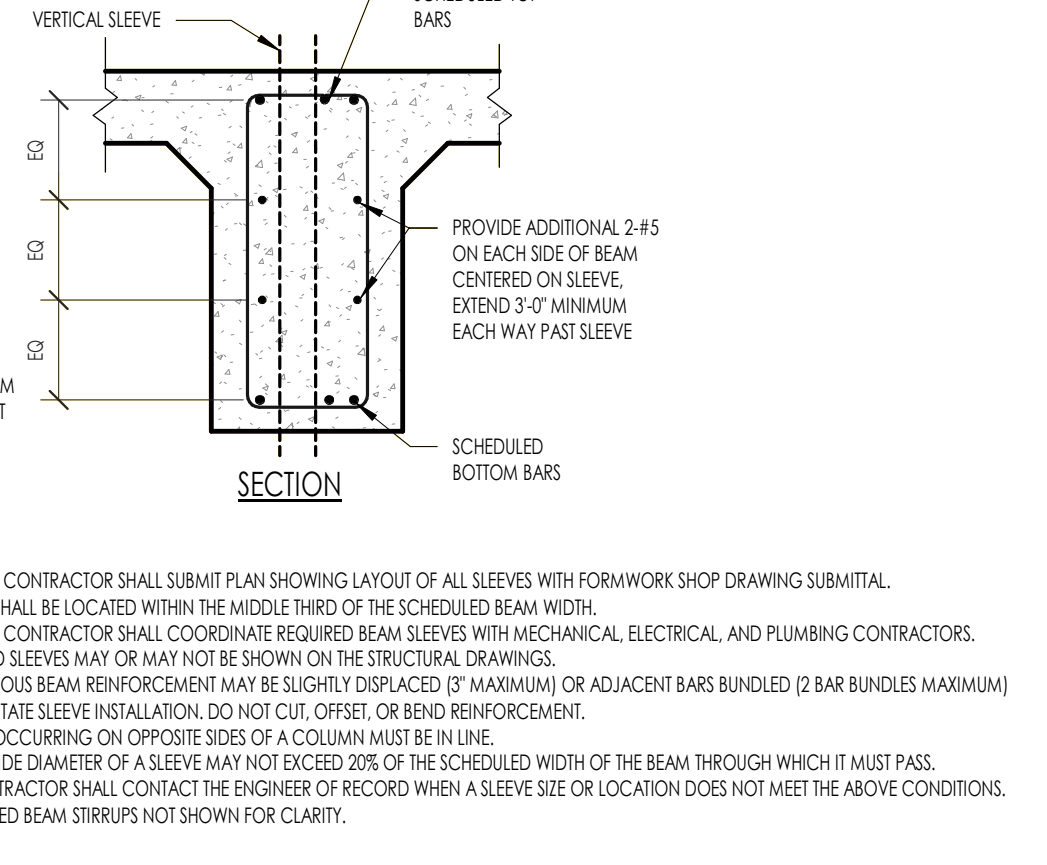
4B S3.0 TYPICAL FLATWORK / PAVEMENT DOWELS AT BUILDING



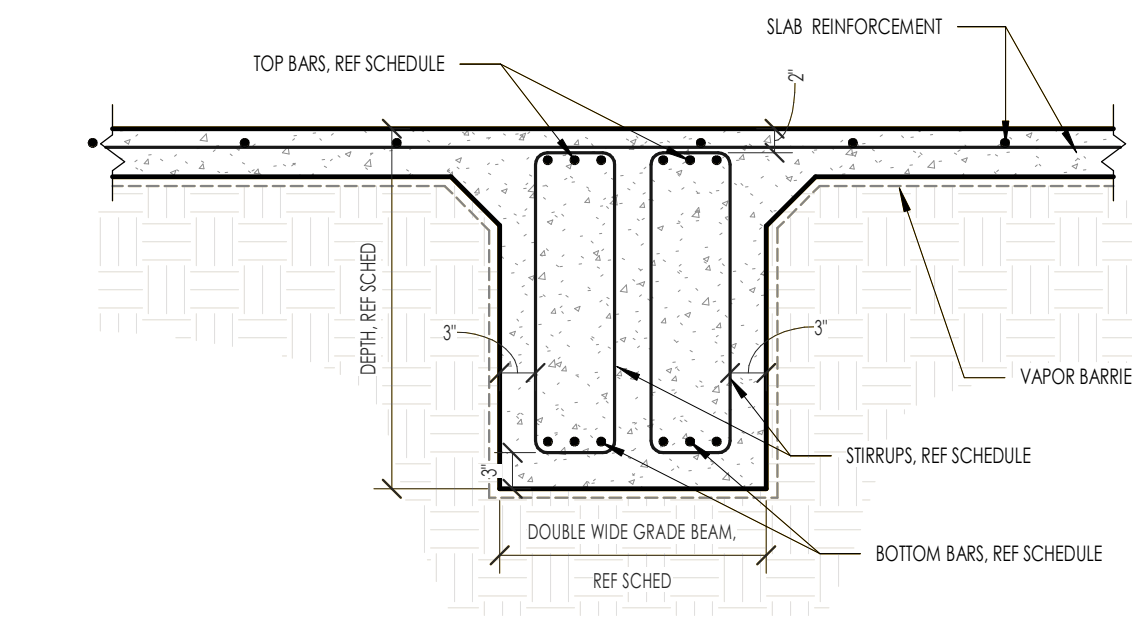
6A S3.0 TYPICAL DROP TRANSITION IN GRADE BEAM - VERTICAL MOISTURE BARRIER



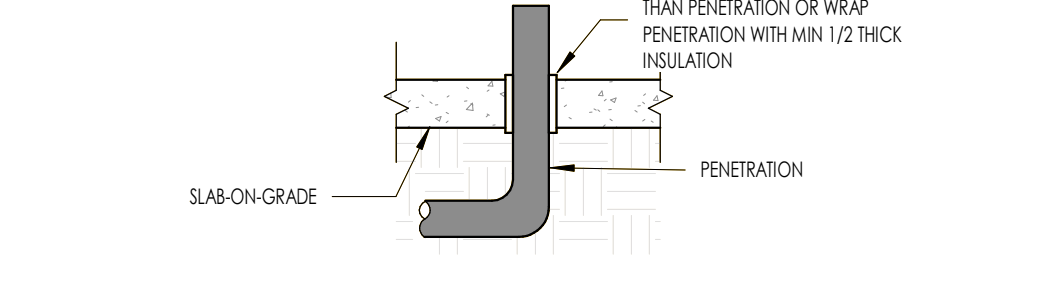
4B S3.0 TYPICAL VERTICAL PENETRATION IN GRADE BEAM



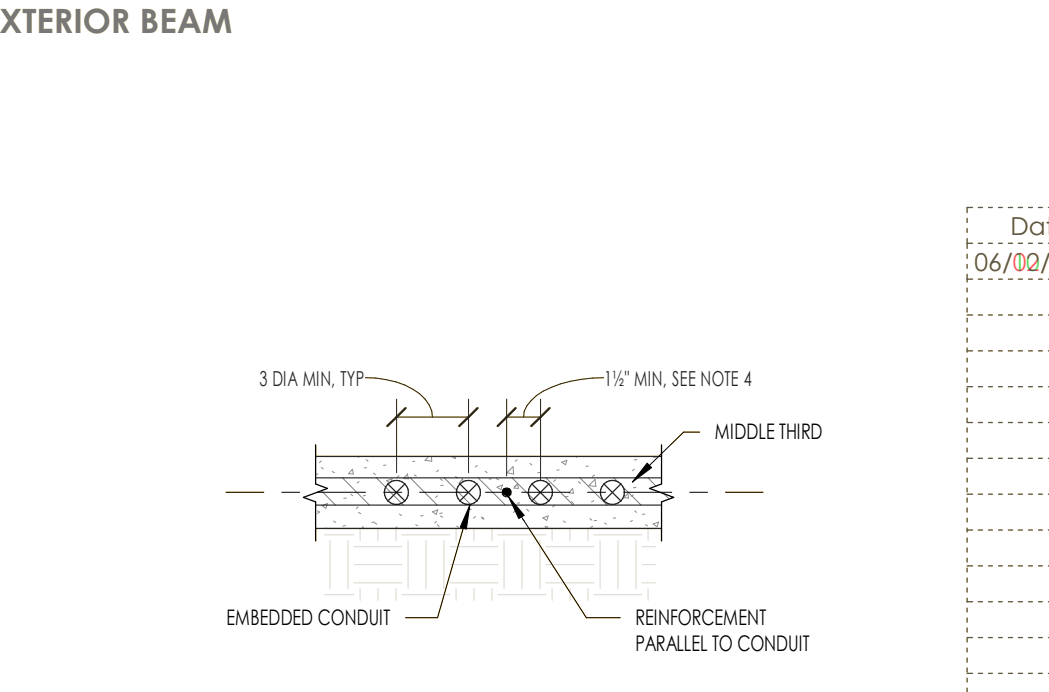
2B S3.0 TYPICAL UTILITY TRENCH UNDER BUILDING PAD BENTONITE PLUG AT EXTERIOR BEAM



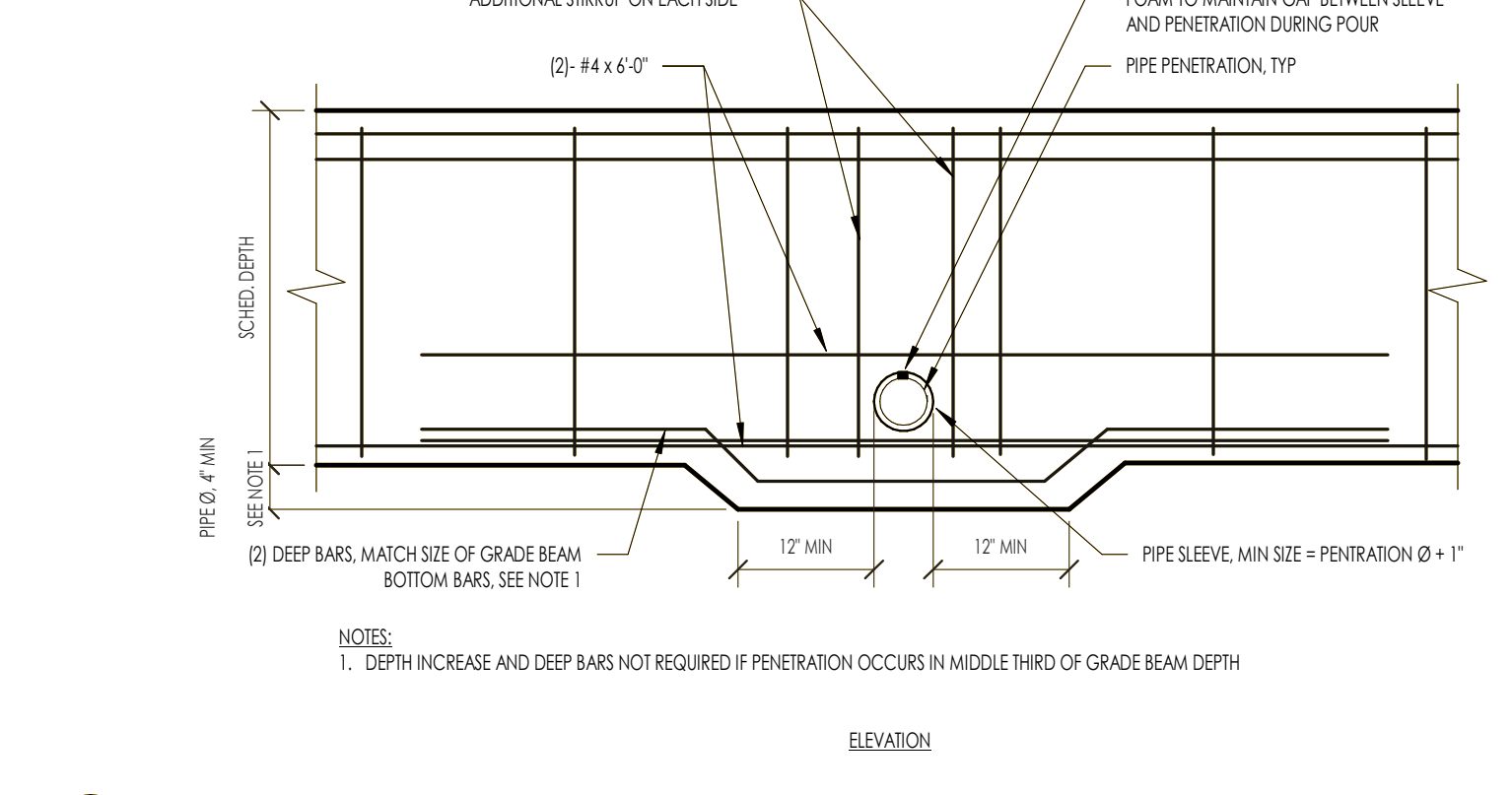
2A S3.0 TYPICAL DOUBLE WIDE INTERIOR GRADE BEAM



1B S3.0 VERTICAL PENETRATION THROUGH SLAB-ON-GRADE



1A S3.0 TYPICAL CONDUITS EMBEDDED IN SLAB-ON-GRADE



4A S3.0 TYPICAL HORIZONTAL PENETRATION IN BEAM

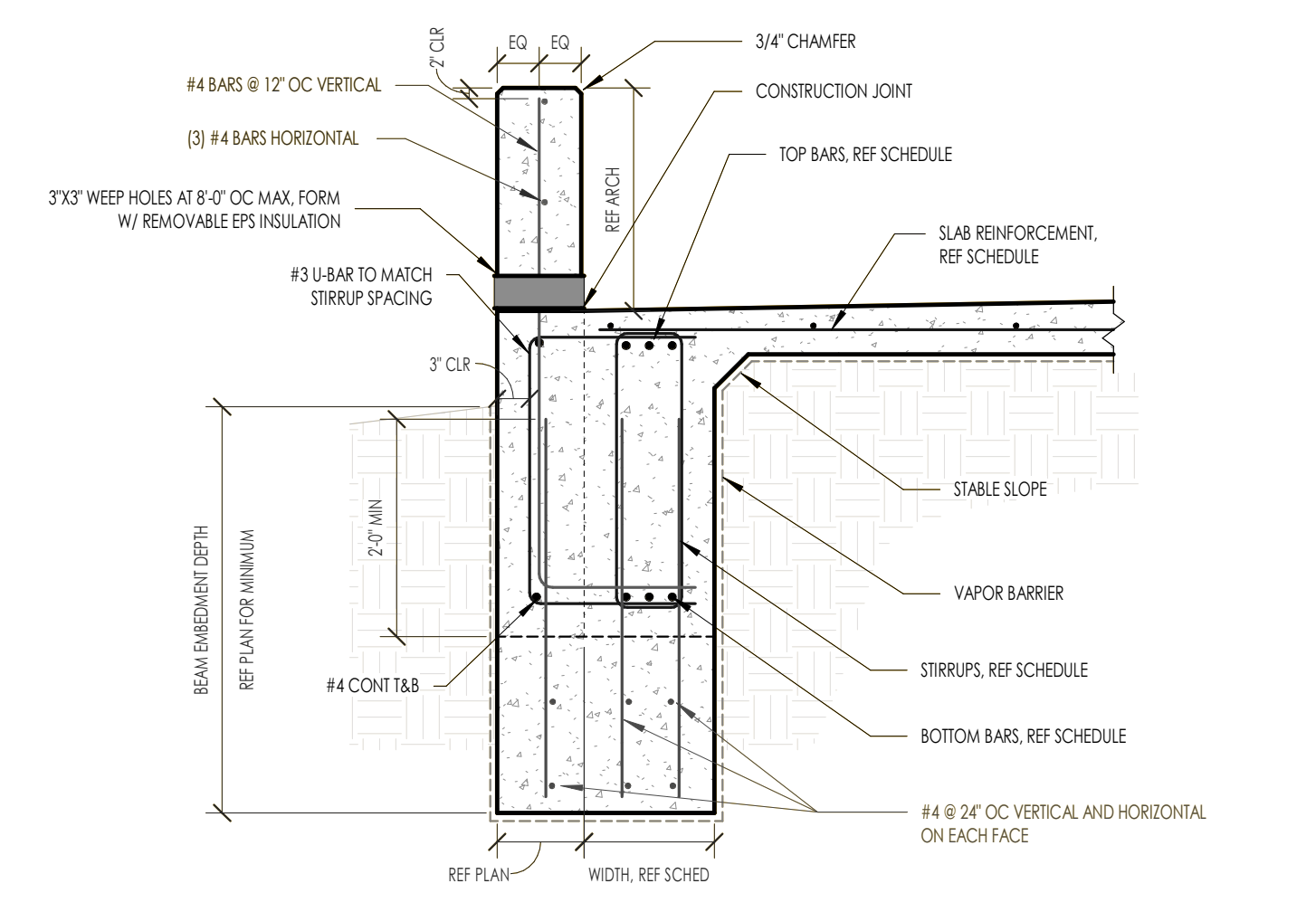
NOTES:
1. EMBEDDED CONDUIT MUST BE PVC OR OTHER PRE-APPROVED PRODUCT THAT WILL NOT CHEMICALLY REACT WITH THE CONCRETE.
2. EMBEDDED CONDUIT MUST BE CHARGED AND RESTRAINED @ 48" OC MAX IN ORDER TO PREVENT FLOATING OF THE CONDUIT DURING POURING.
3. PLACE ALL CONDUIT WITHIN THE MIDDLE THRD OF THE OVERALL SLAB DEPTH.
4. DO NOT PLACE CONDUIT ADJACENT TO HOLES OR CONDUIT TO PARALLEL REINFORCEMENT.

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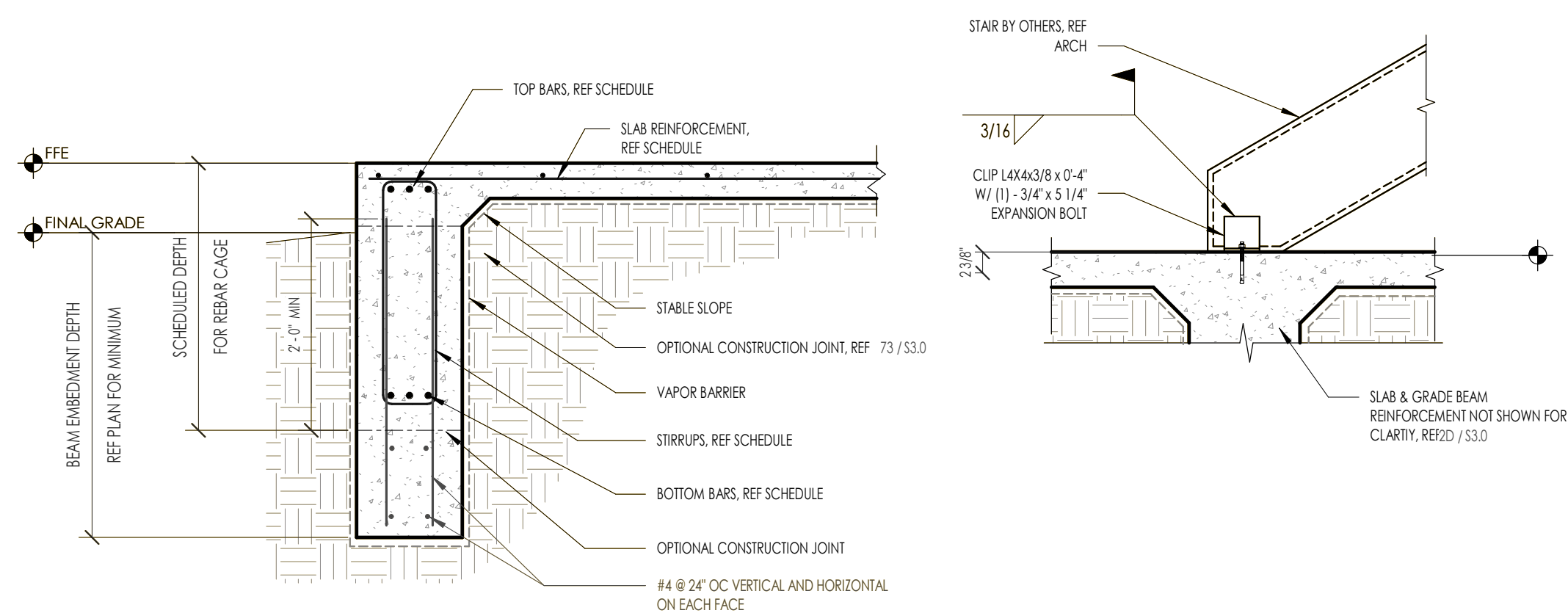
Date	Description
06/10/2022	Revised to include Permitt

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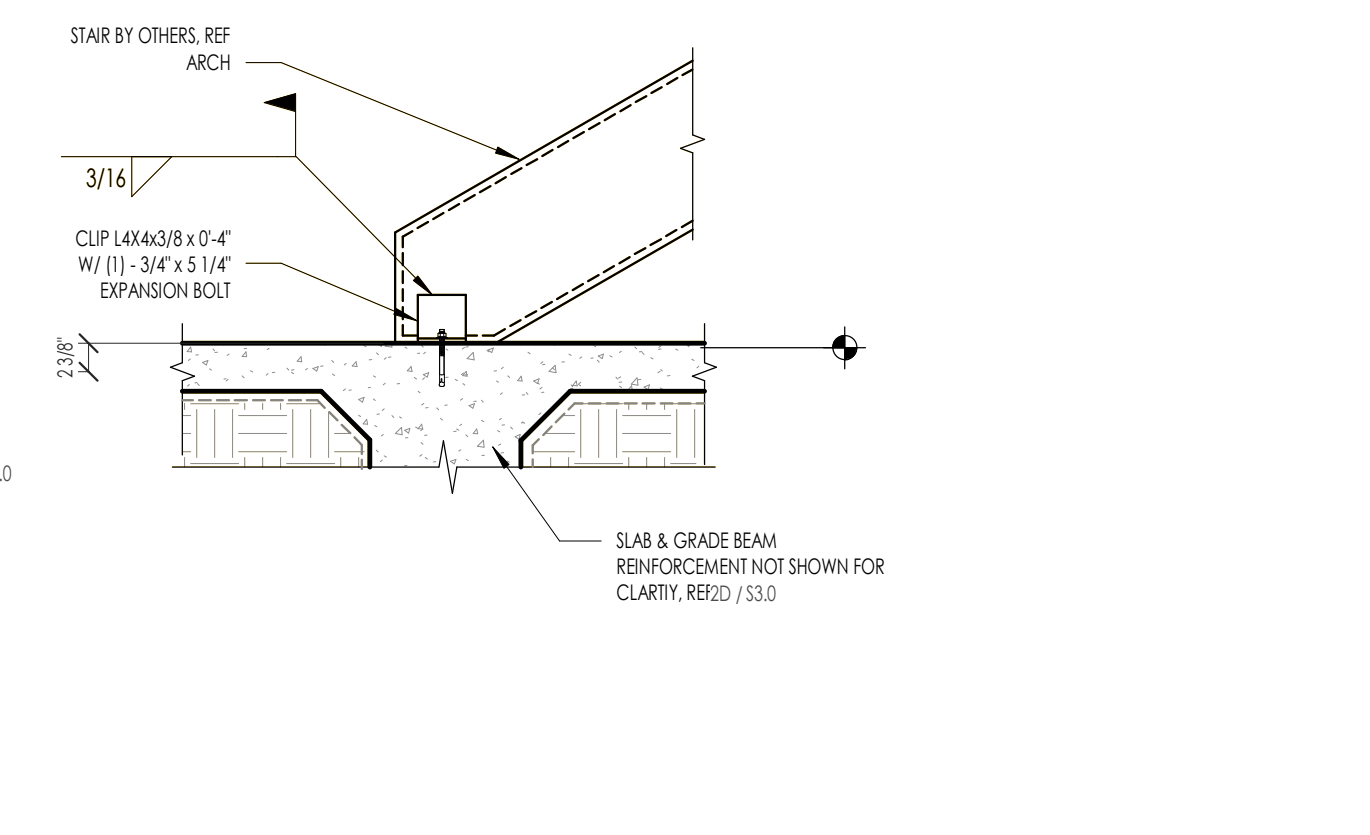
Architect: OpeningDesign
17 S Fairchild | FL 7
Madison, WI 53703
ryan@openingdesign.com | 773.425.6456



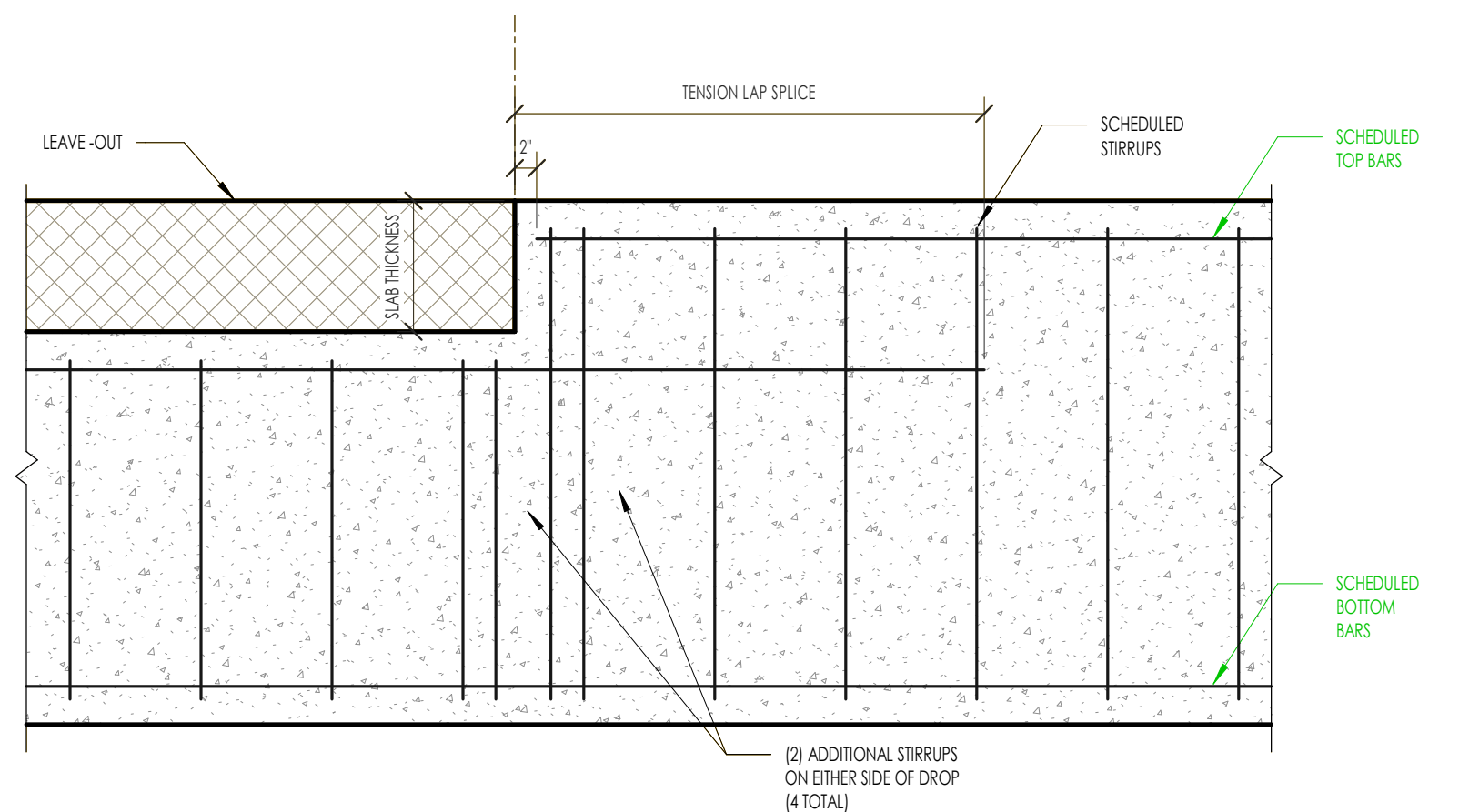
1D S3.1 TYPICAL EXTERIOR WIDENED GRADE BEAM AT CURB - VERTICAL MOISTURE BARRIER



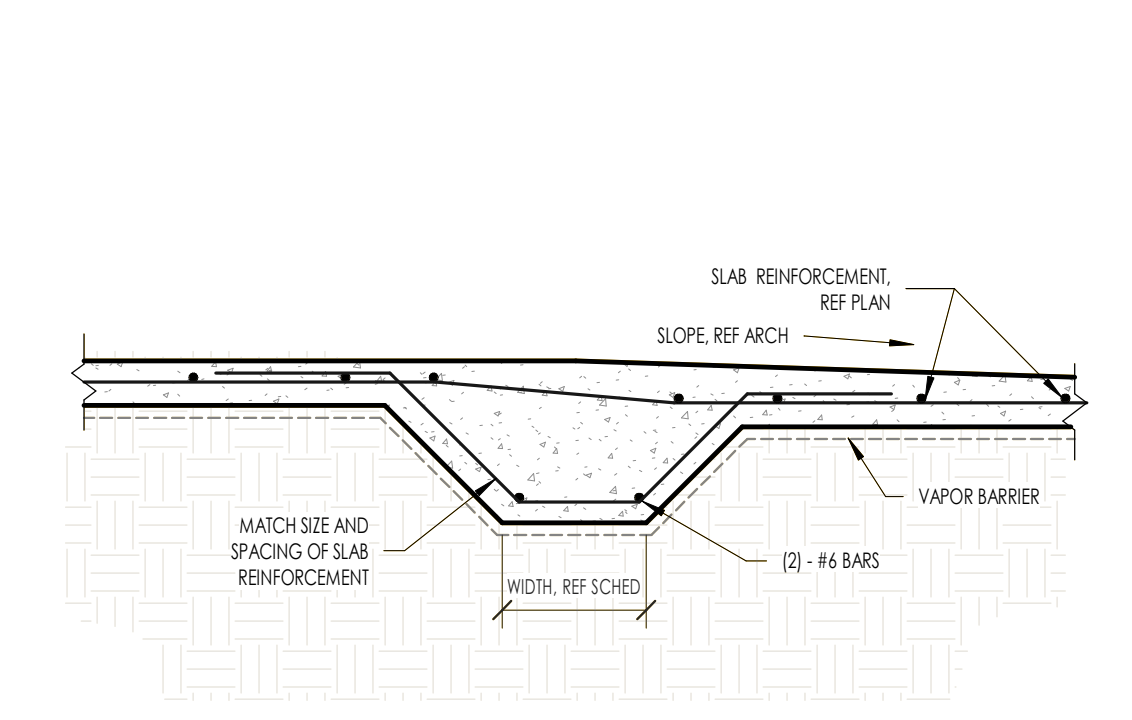
6C S3.1 TYPICAL EXTERIOR GRADE BEAM - VERTICAL MOISTURE BARRIER



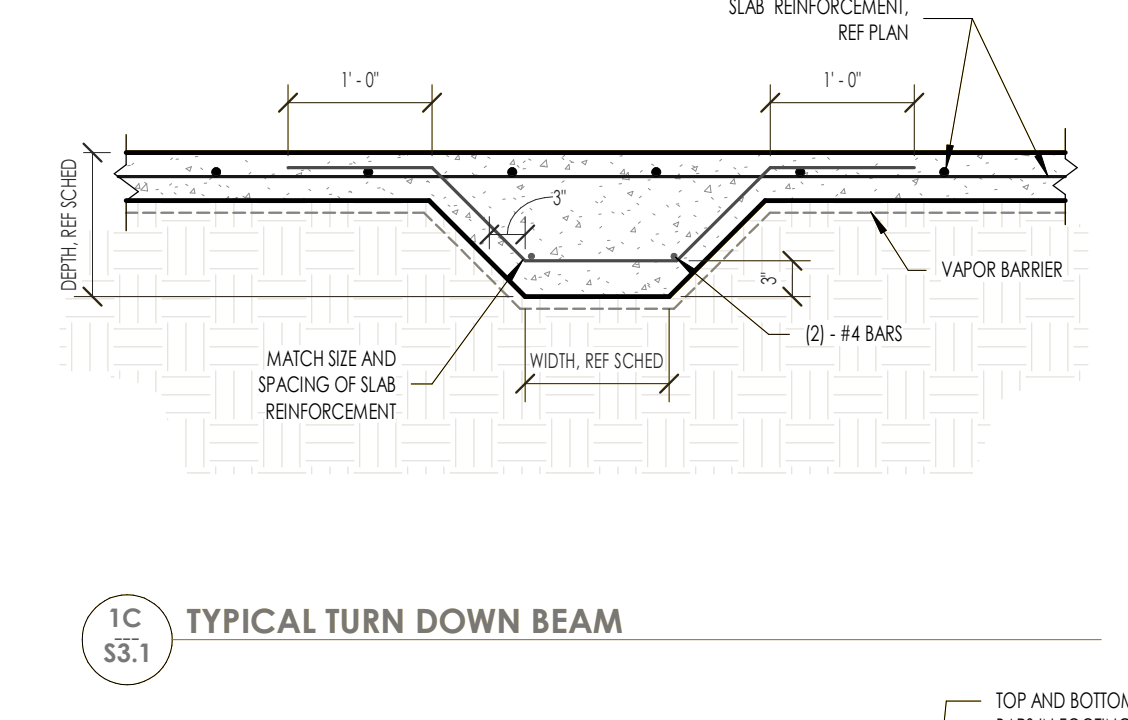
5C S3.1 TYPICAL GRADE BEAM AT STEEL STAIRS



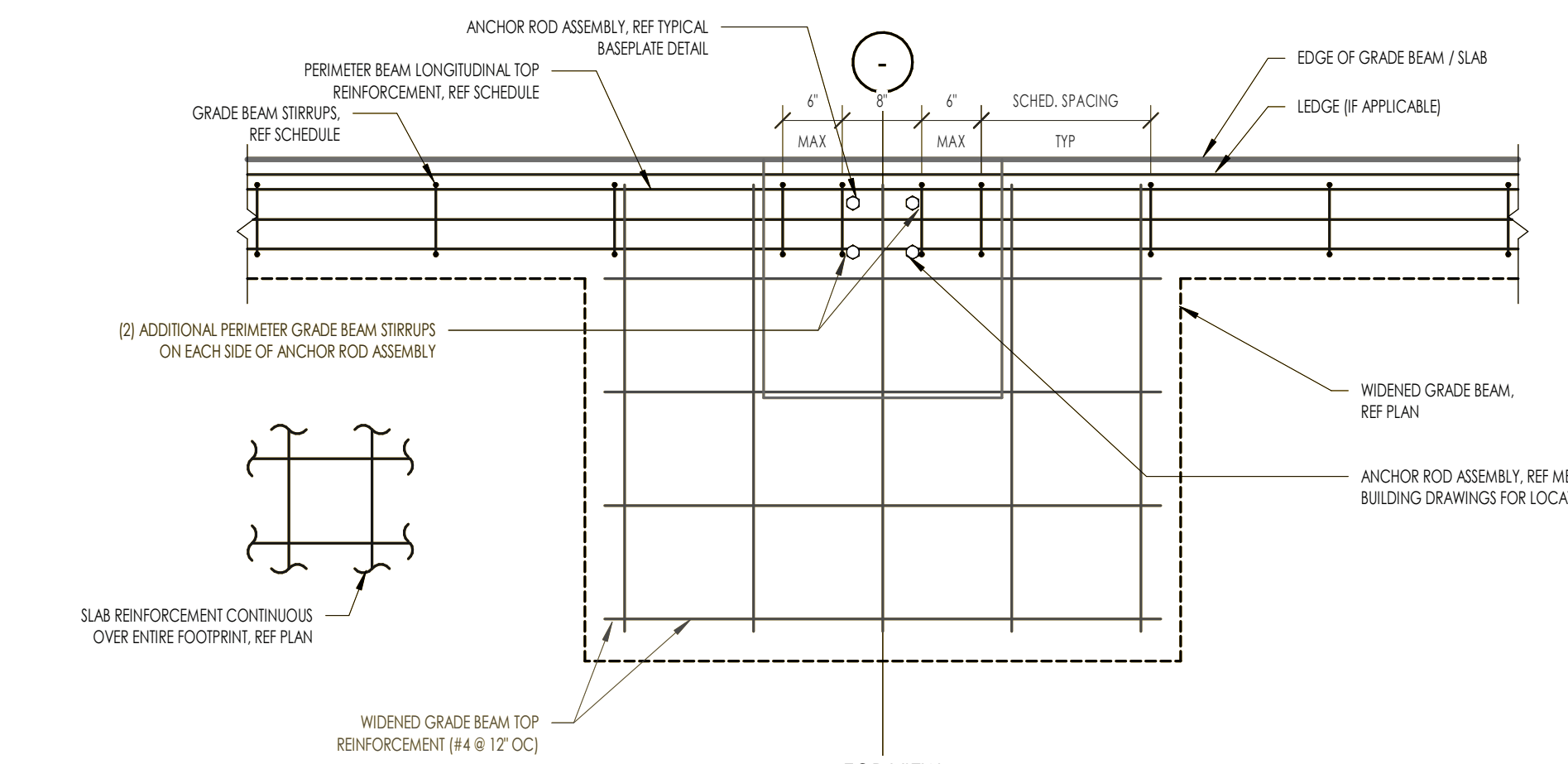
4C S3.1 TYPICAL DROP TRANSITION IN GRADE BEAM TOP REINFORCEMENT AT SLAB LEAVE-OUT



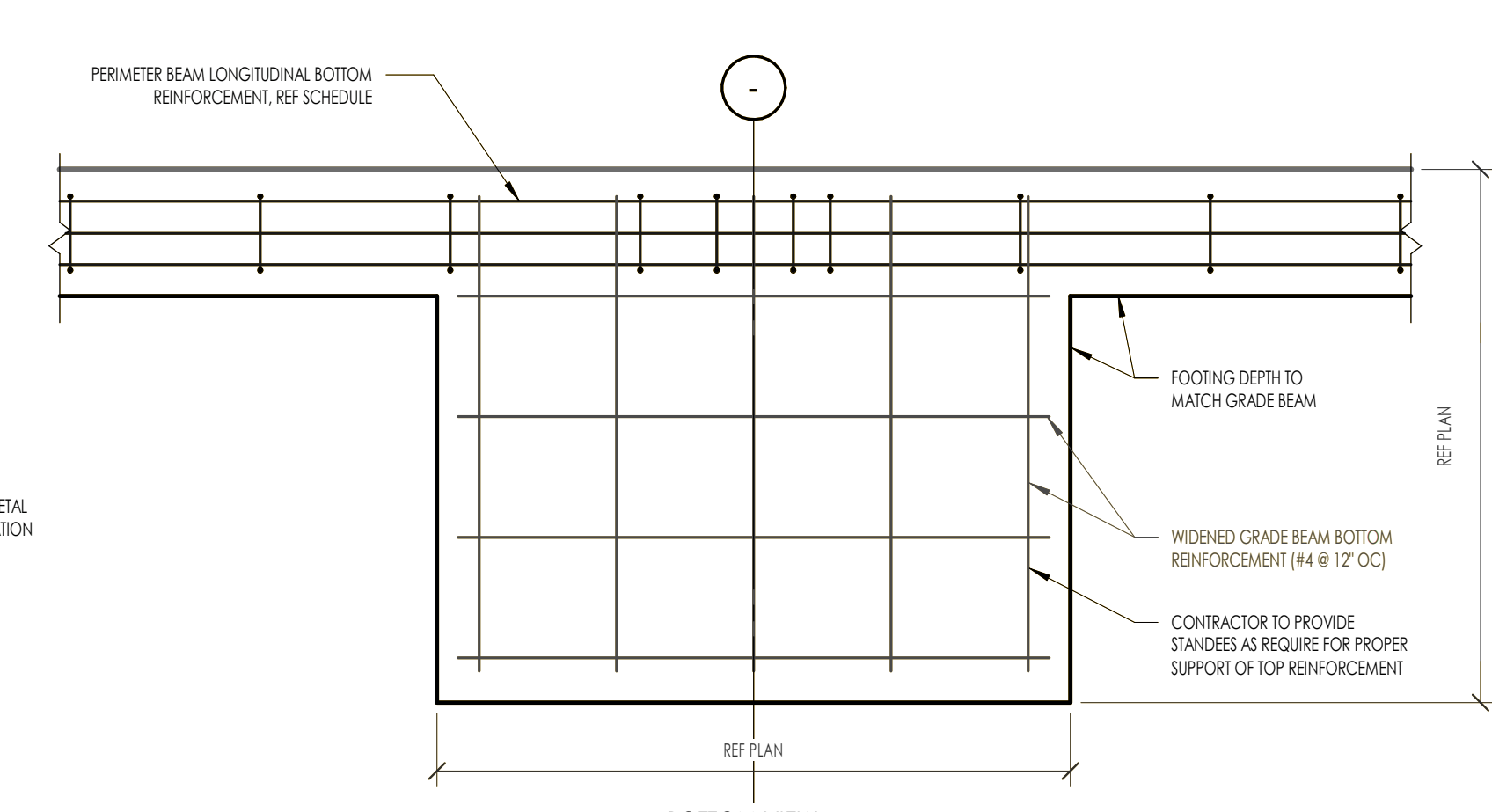
2C S3.1 CSOG - TURN DOWN AT SLAB DROP



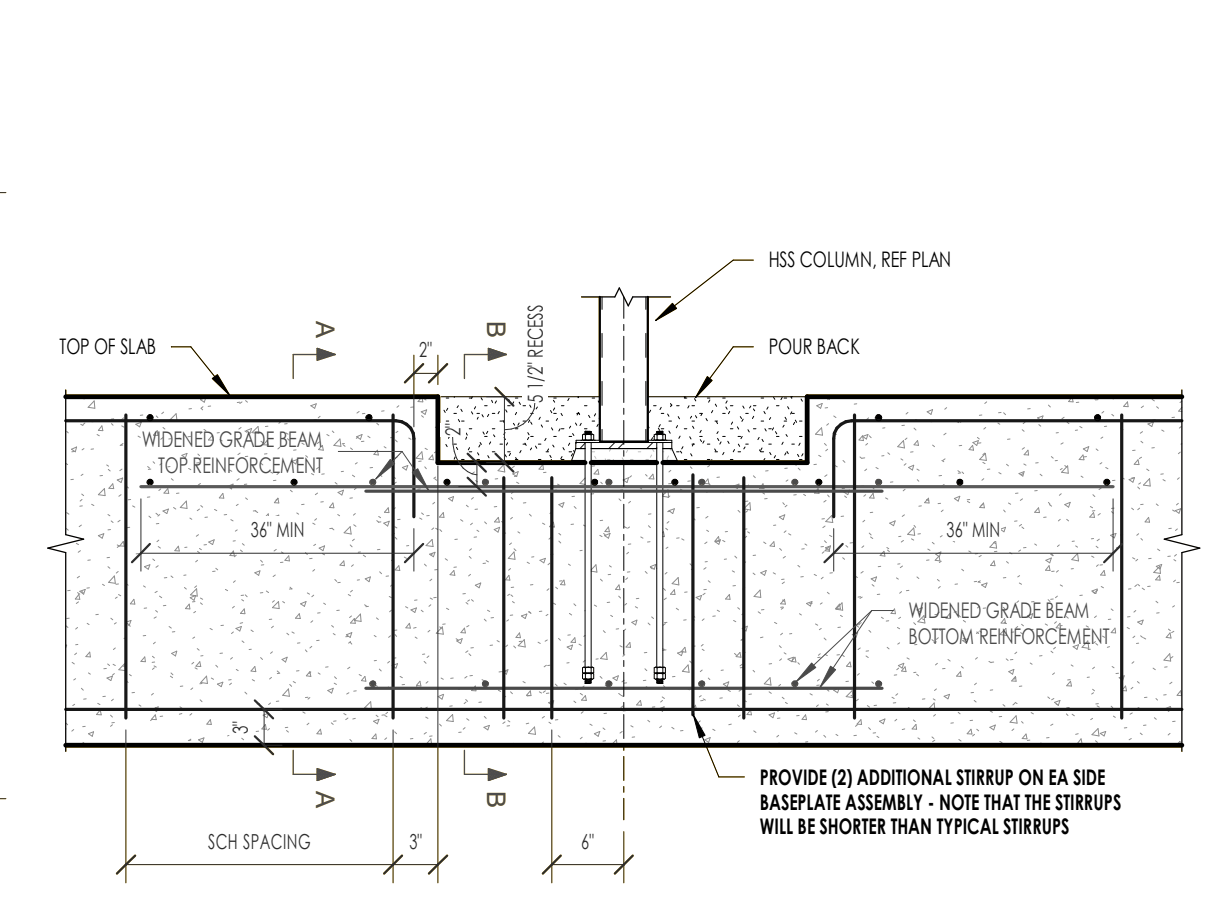
1C S3.1 TYPICAL TURN DOWN BEAM



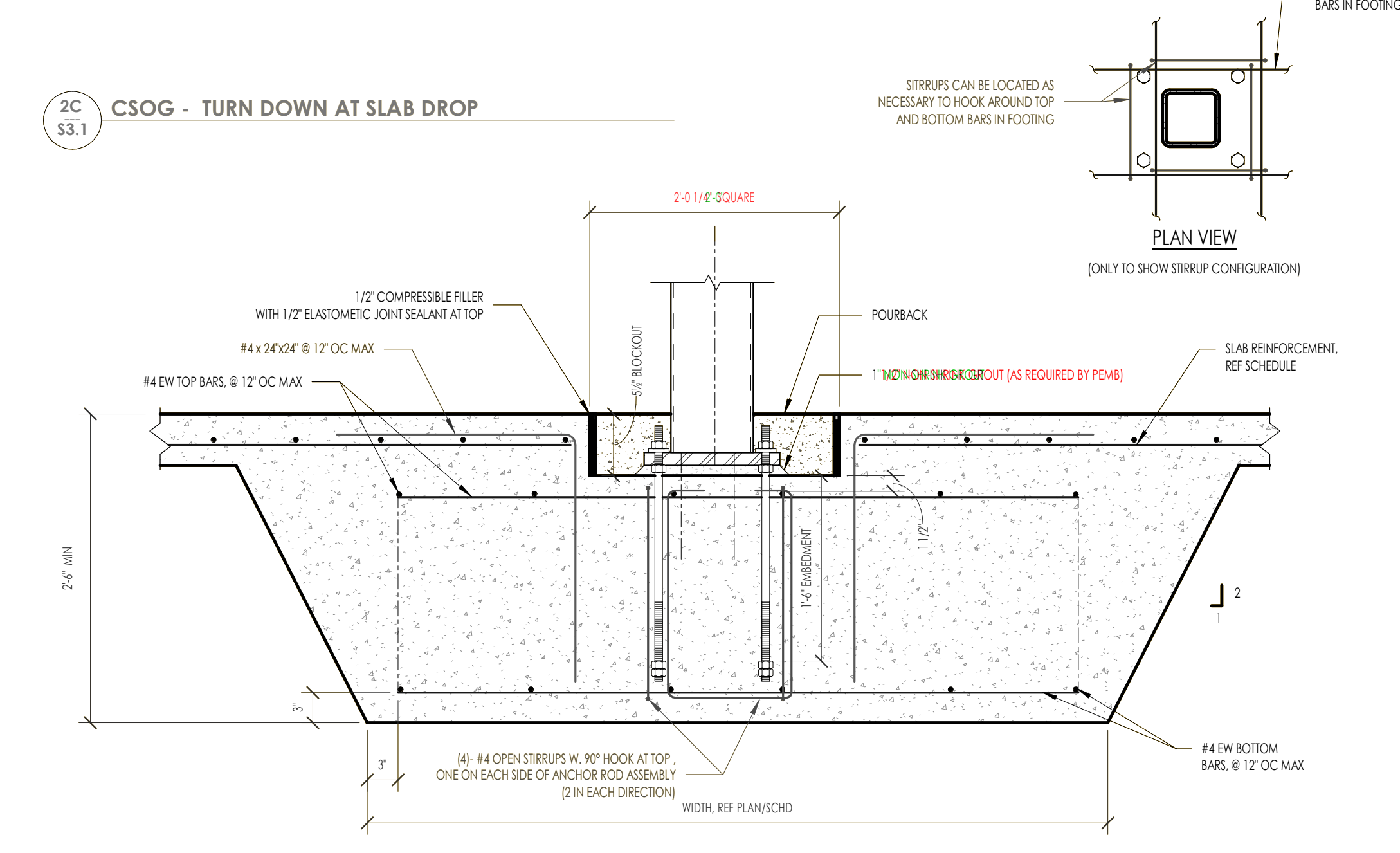
4B S3.1 TYPICAL WIDENED FOOTING AT COLUMN - EMBEDDED BASE PLATE



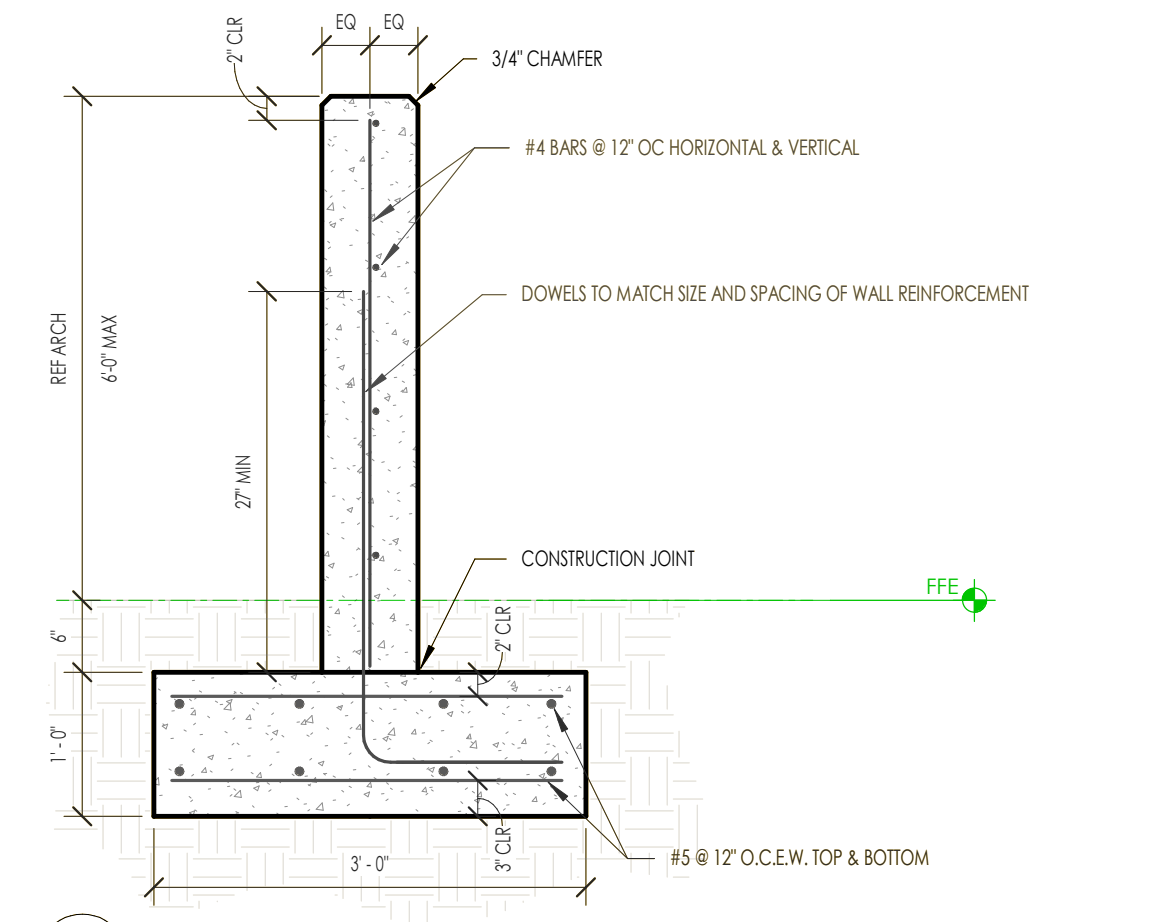
5A S3.1 TYPICAL BASEPLATE DETAIL



3A S3.1 TYPICAL ANCHOR ROD

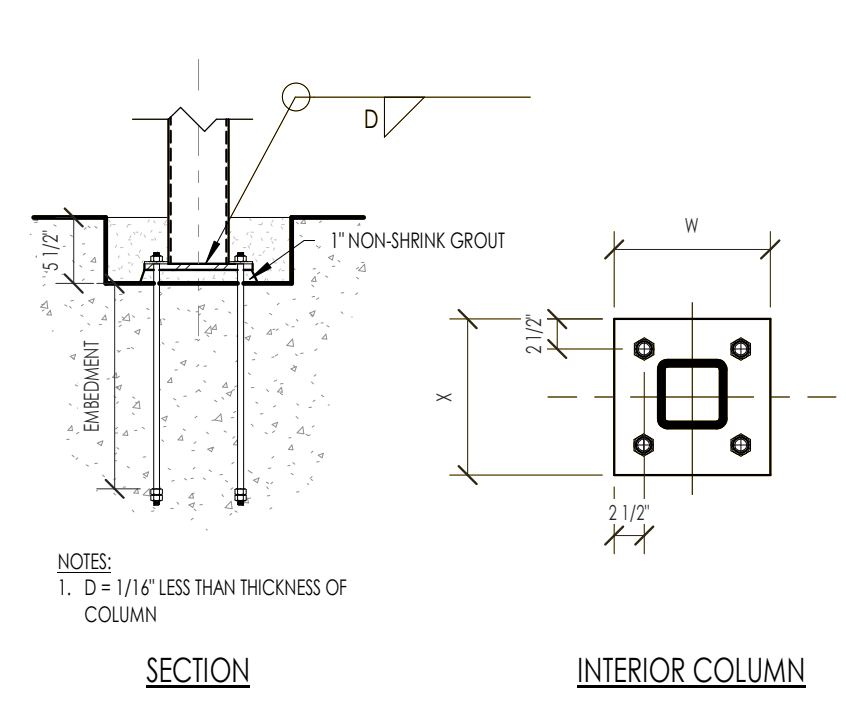


2B S3.1 TYPICAL SPREAD FOOTING AT INTERIOR COLUMN

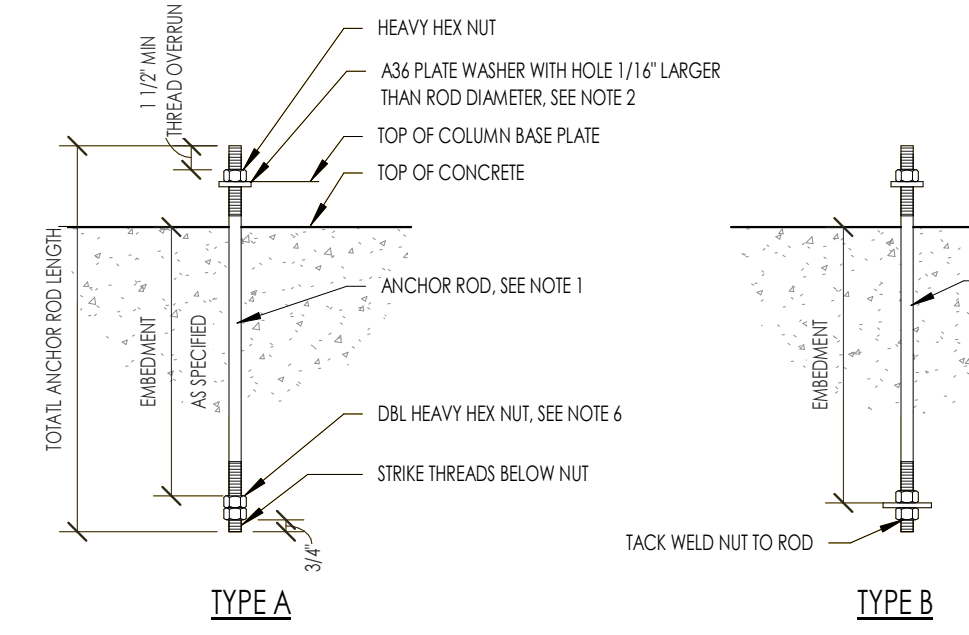


4A S3.1 TYPICAL MOMENT SIGN FOUNDATION

COLUMN	BASE PLATE DIMENSIONS			CONDITION	ANCHOR BOLTS		
	X	W	T		NO./TYPE	DIA.	EMBEDMENT
HSS3x5.3	13"	13"	1"	INTERIOR	4/A	1"	1'-0"
HSS3x8	14"	14"	1"	INTERIOR	4/A	1"	1'-0"



3B 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"	1.131/4"	3"	3/8"	PL19X10-5
1 1/2"	2.51/4"	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 55.1.
 3. PLATE WASHERS MUST BE WELDED TO THE BASE PLATE WITH MINIMUM 3/16" FLLET 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.

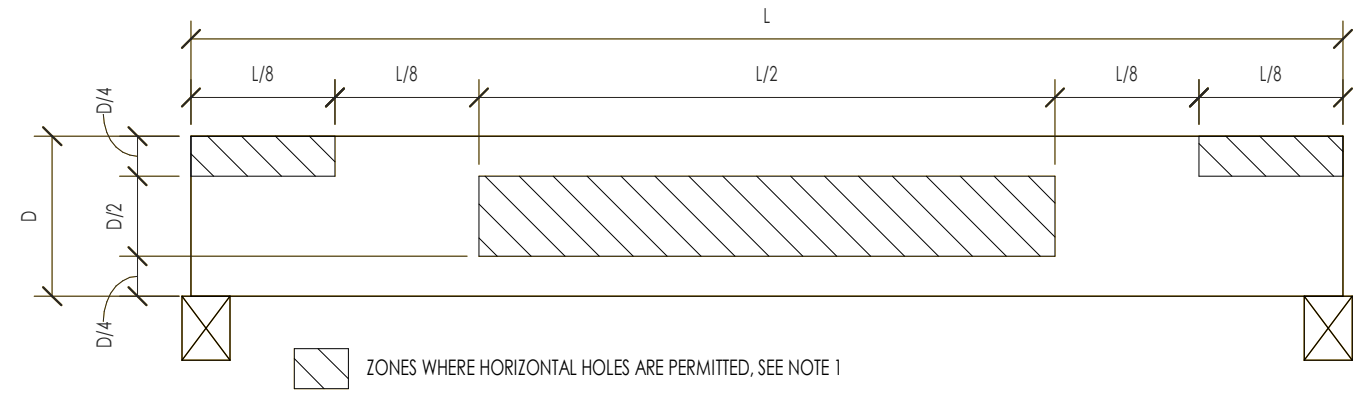
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Date	Description
06/10/2022	Review & Approve

TYPICAL FASTENING SCHEDULE			
CONNECTION ID	CONNECTION TYPE	FASTENING	FASTENING ORIENTATION
1	JOIST TO BIL OR GIRDER	(1) - 0.131"Ø X 3"	TOENAIL
2	SOLE PLATE TO JOIST OR BLOCKING	0.148"Ø X 3"X 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" 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)/(S4.0)	FACE NAIL
7	DOUBLE TOP PLATES	0.131"Ø X 3" NAILS @ 12" OC	FACE NAIL
8	DOUBLE TOP PLATE SPICE	REFERENCE DETAIL (A)/(S4.0)	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 @ 18" OC	FACE NAIL
16	BUILT-UP BEAMS	REFERENCE DETAIL (A)/(S4.0)	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

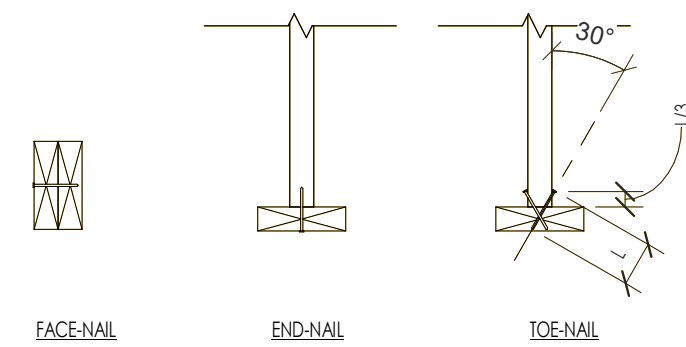
NOTES:
1. THESE CONNECTIONS ARE TO BE APPLIED UNLESS NOTED OTHERWISE IN PLAN SECTION, ELEVATION OR DETAIL VIEWS.

6D S4.0 TYPICAL WOOD FASTENING SCHEDULE

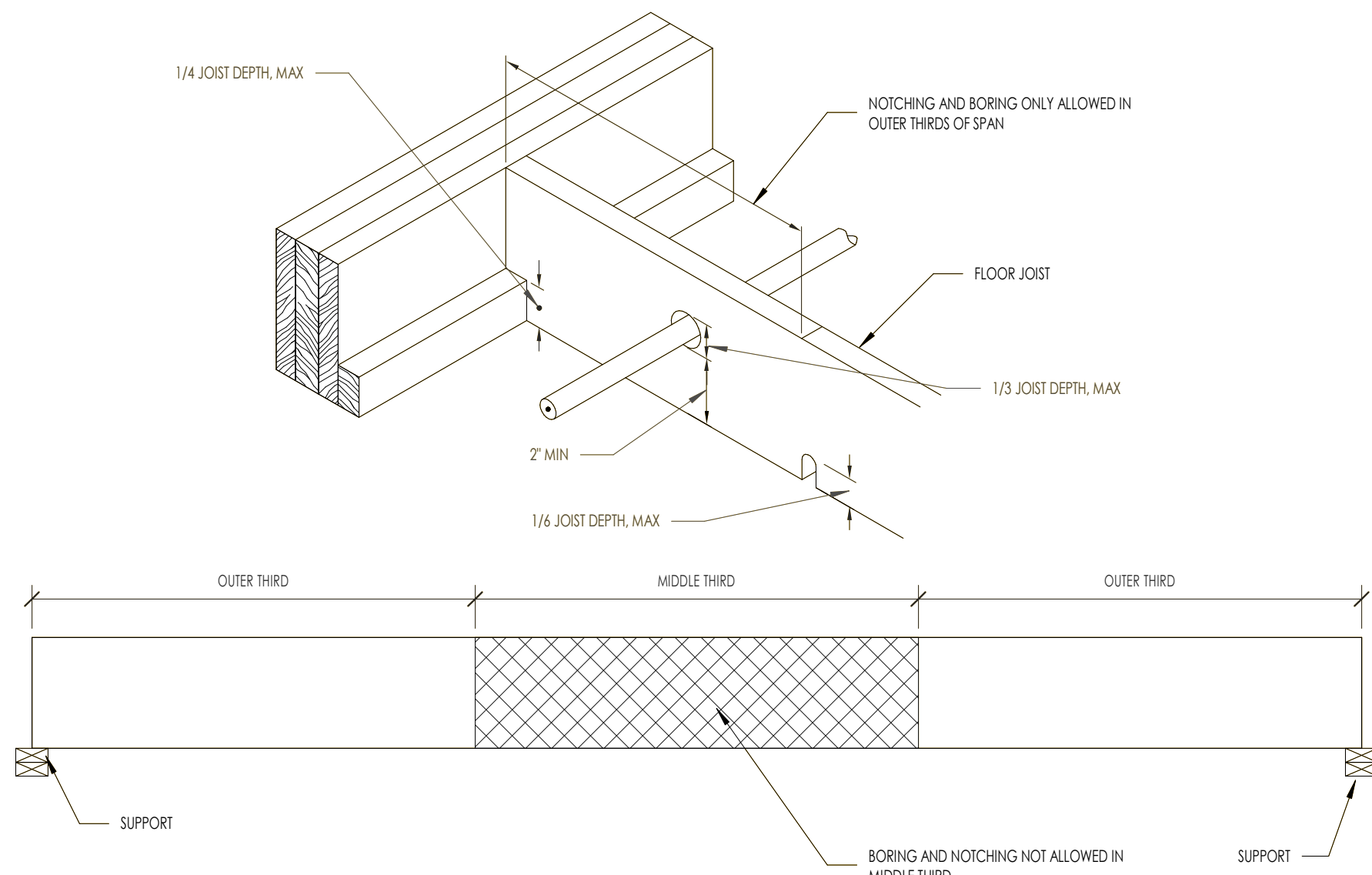


NOTES:
1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1/4" OR D/10, WHICHEVER IS SMALLER.
2. SPACING: FOR LARGER HOLE DIAMETERS OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE EOR.
3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY SUPPORTED, UNIFORMLY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

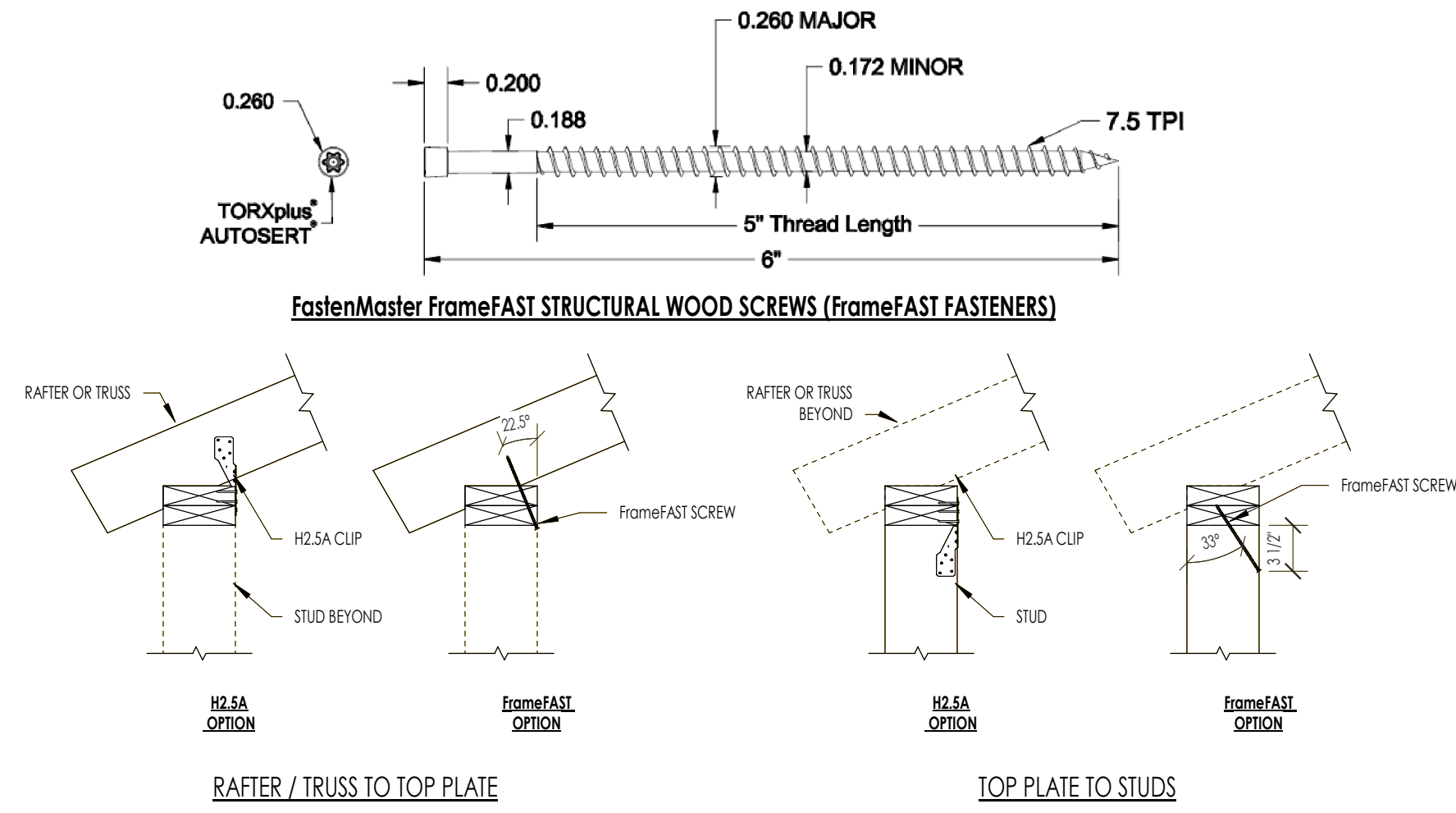
4E S4.0 ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS



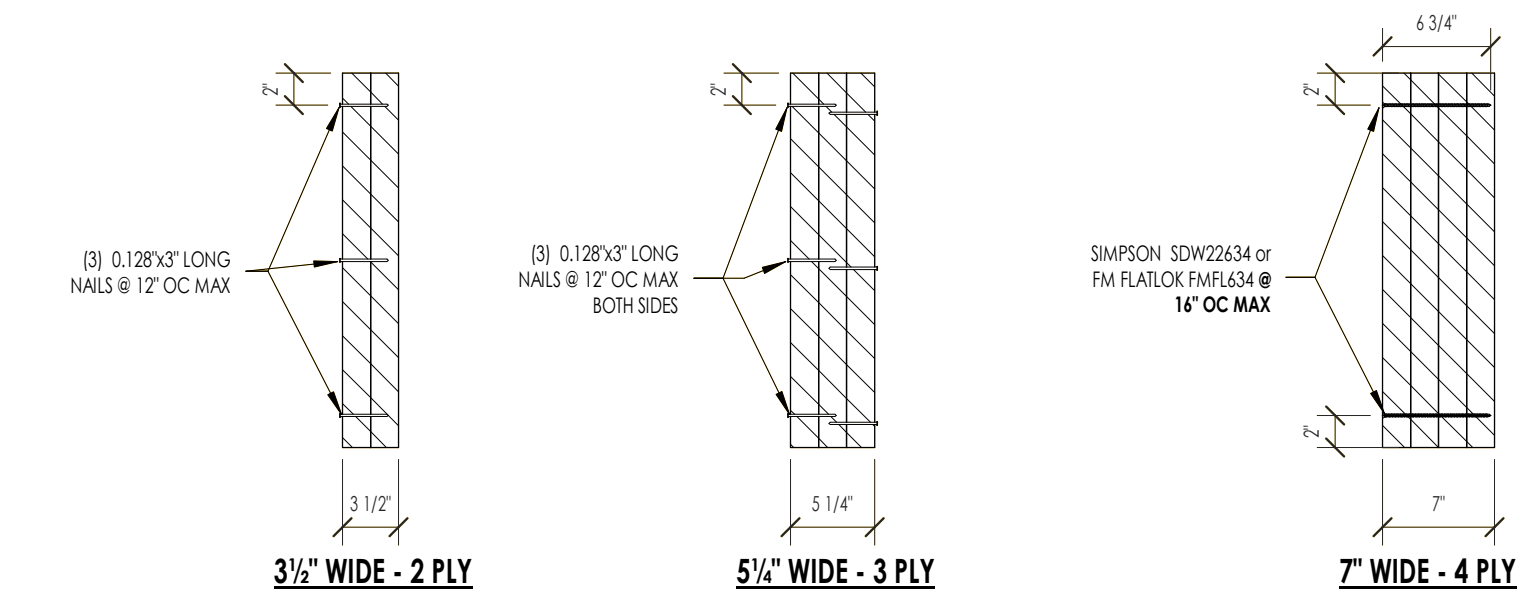
4D S4.0 TYPICAL NAILING CONFIGURATIONS



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



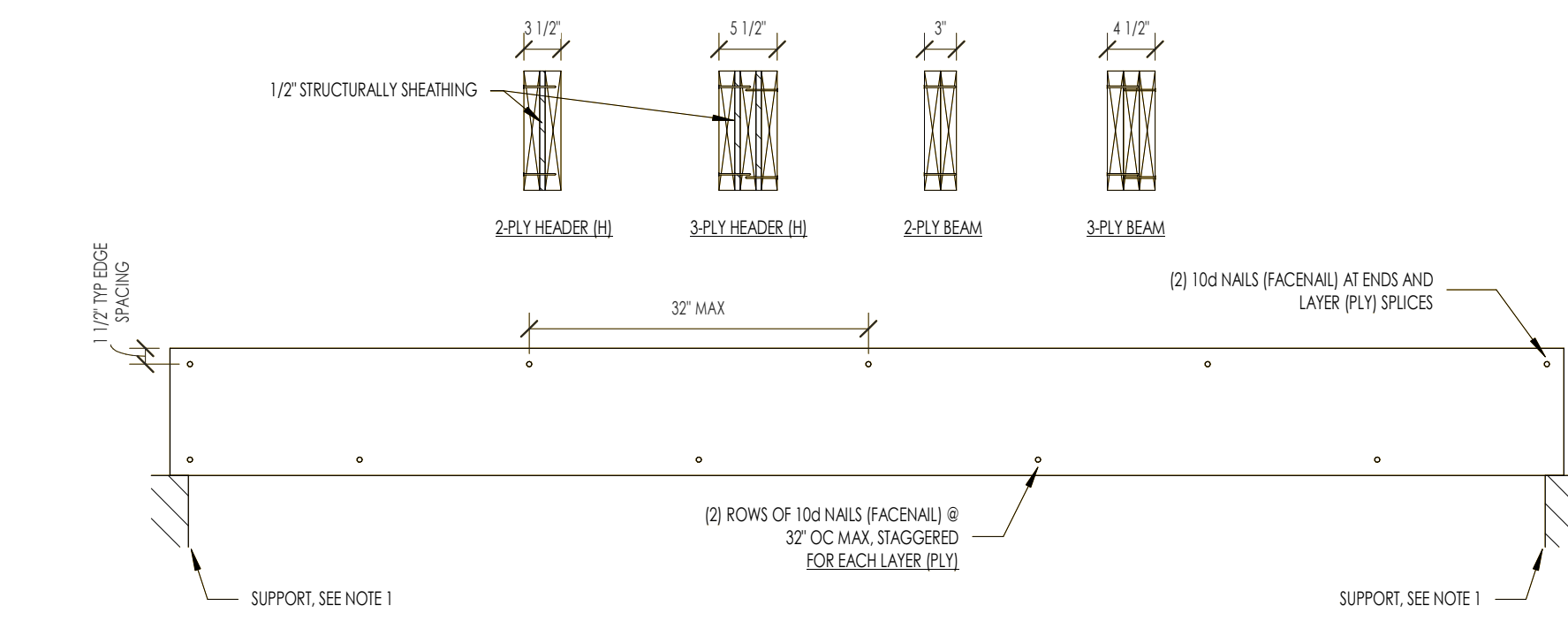
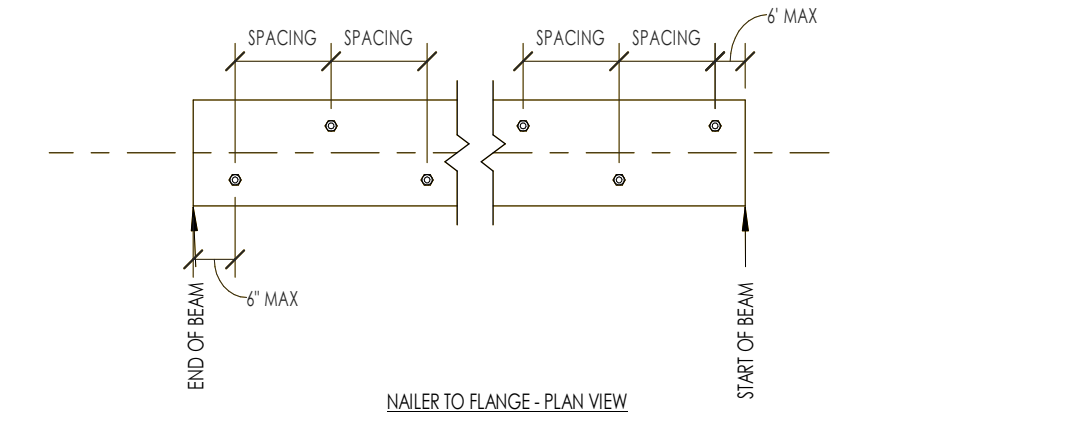
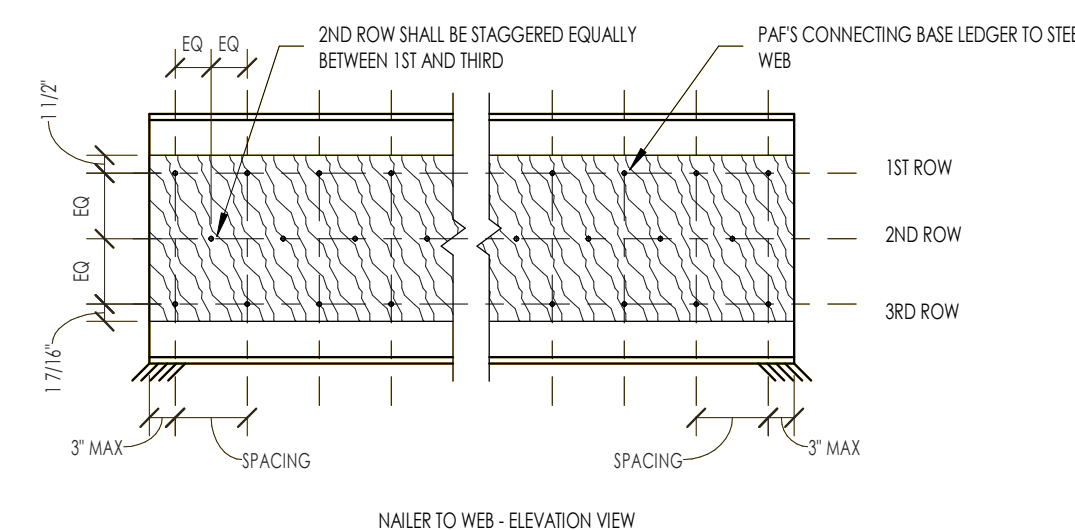
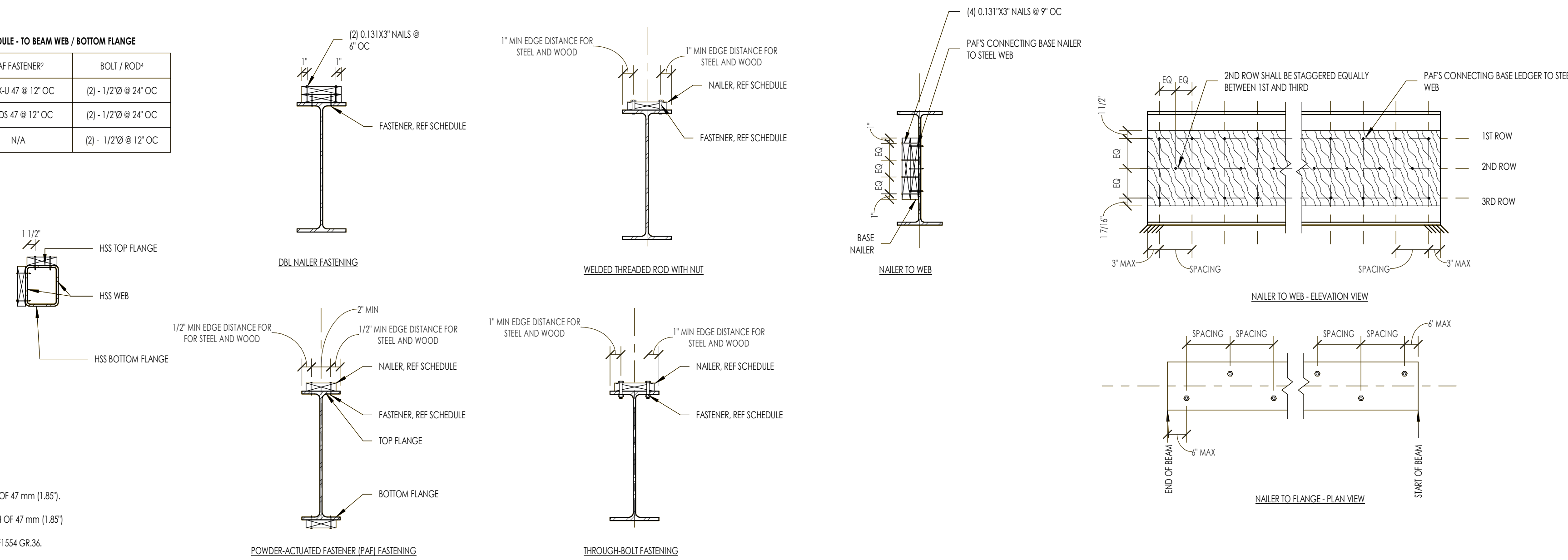
2C S4.0 TYPICAL LVL MULTIPLE PLY FASTENING REQUIREMENTS

FASTENER SCHEDULE - TO BEAM TOP FLANGE			FASTENER SCHEDULE - TO BEAM WEB / BOTTOM FLANGE		
1/(H)	PAF FASTENER	BOLT / ROD*	1 _c /(H)	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 < 1.0/44	D5-47 @ 12" OC	1/2"Ø @ 24" OC	0.35 < 1.0/44	(1) - D5-47 @ 12" OC	(2) - 1/2"Ø @ 24" OC
1 > 0.44	N/A	1/2"Ø @ 12" OC	1 _c > 0.44	N/A	(2) - 1/2"Ø @ 12" OC

NAILER SCHEDULE - TO BEAM FLANGE		NAILER SCHEDULE - TO BEAM WEB	
b/(H)	NAILER SIZE	d/(H)	NAILER SIZE
≤ 5.5	2x4	≤ 5	2x4
5.5 < 9.725	2x6	5 < d ≤ 8.75	2x6
1 > 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 MPFD BY HELI, INC.
A. 8/16/47
B. UNIVERSAL UNDRILLED SHANK FASTENER WITH A SHANK DIAMETER OF 0.157" AND A SHANK LENGTH OF 47 mm (1.85")
C. 10/47
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 MPF.
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

NOTES:
1. UNLESS NOTED OTHERWISE ON PLAN, REFER TO THE FOLLOWING DETAILS FOR THE SUPPORT FRAMING:
A. SUPPORT FOR HEADERS IN EXTERIOR WALLS (1)/(S4.0)
B. SUPPORT FOR HEADERS IN INTERIOR WALLS (2)/(S4.0)
C. SUPPORT FOR BEAMS & GIRDERS SUPPORTED BY WALL - REFERENCE BEAM SCHEDULE

TYPICAL WOOD FRAMING DETAILS



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Structural: Dudley
6102 Imperial Loop Drive
College Station, TX 77845
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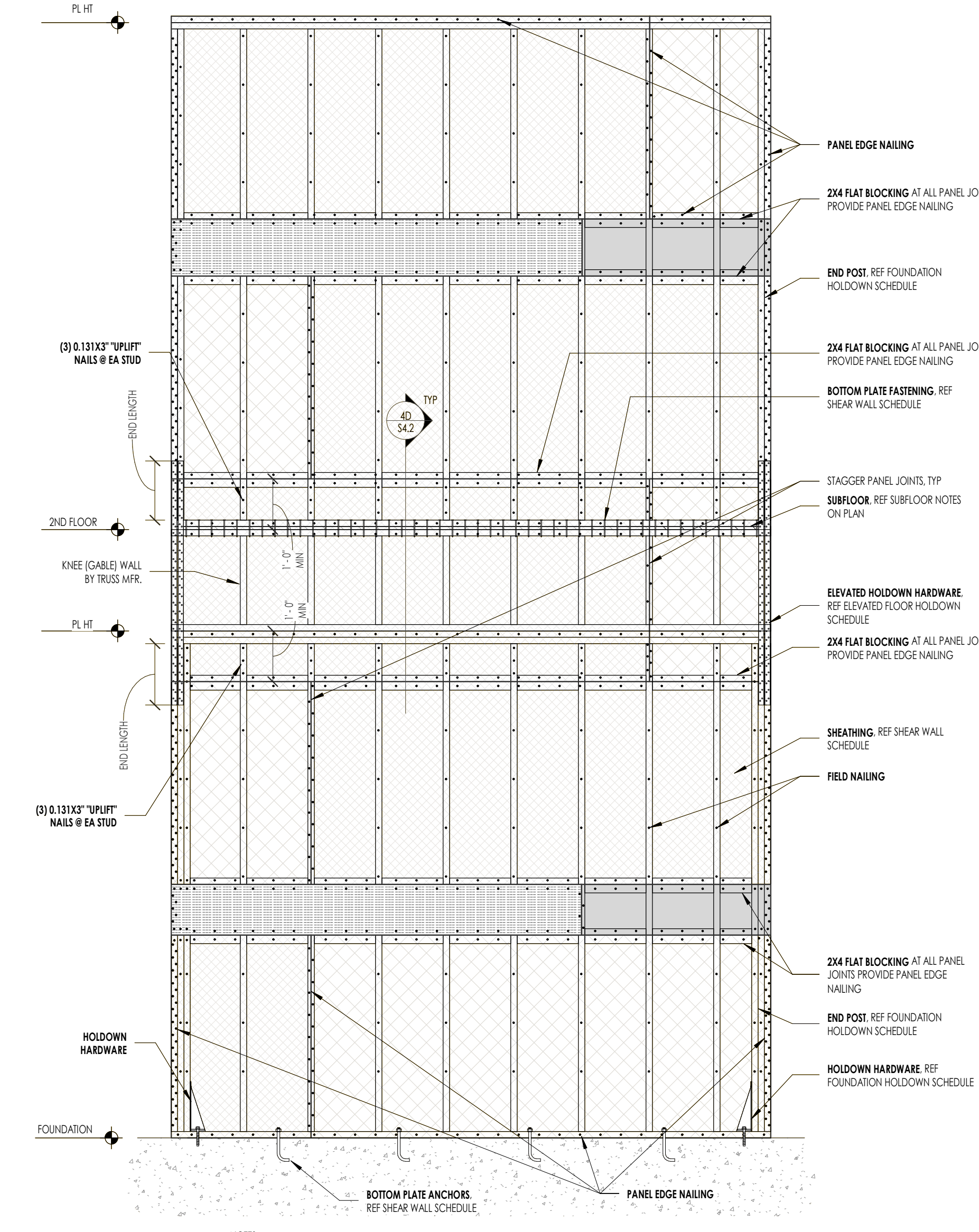
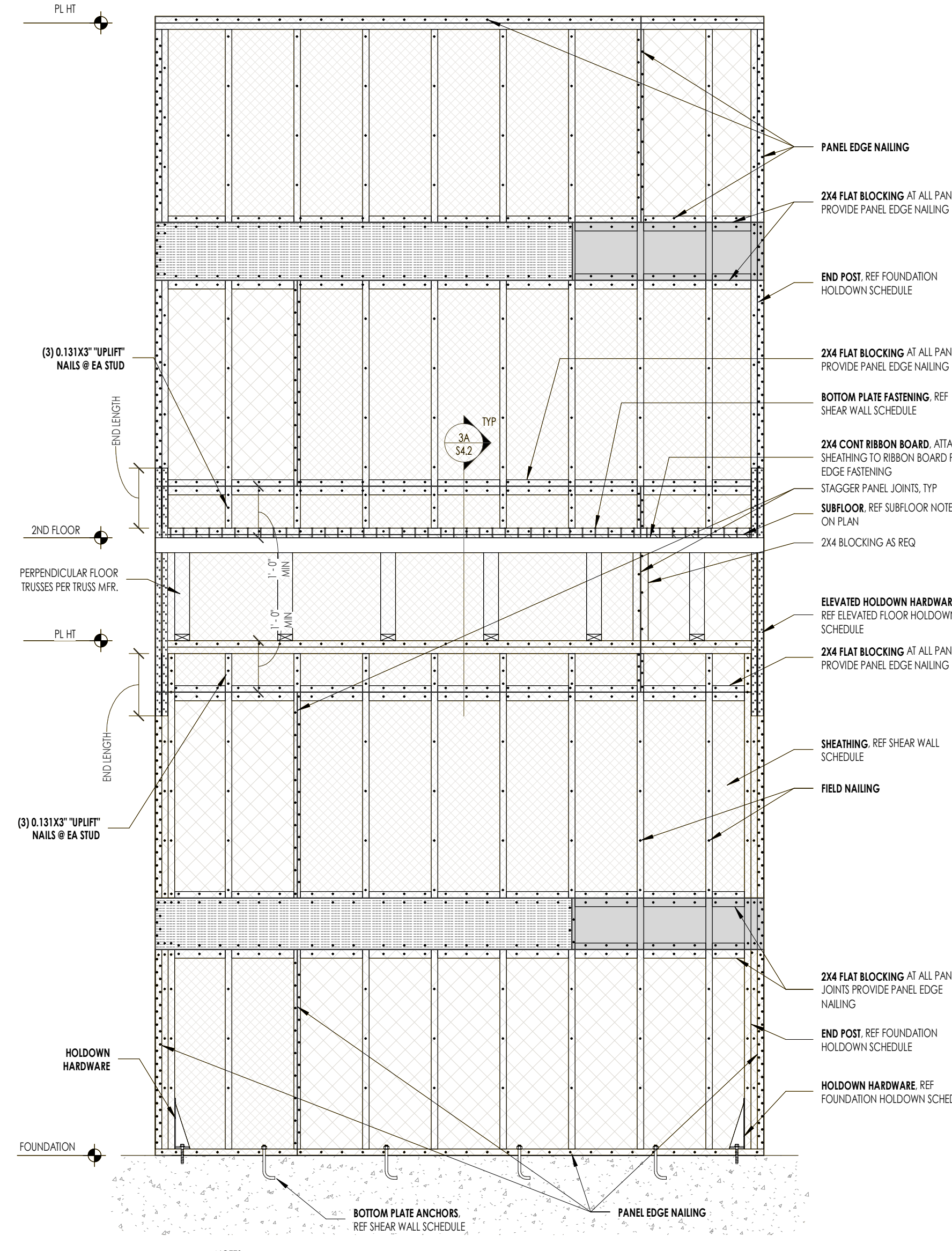
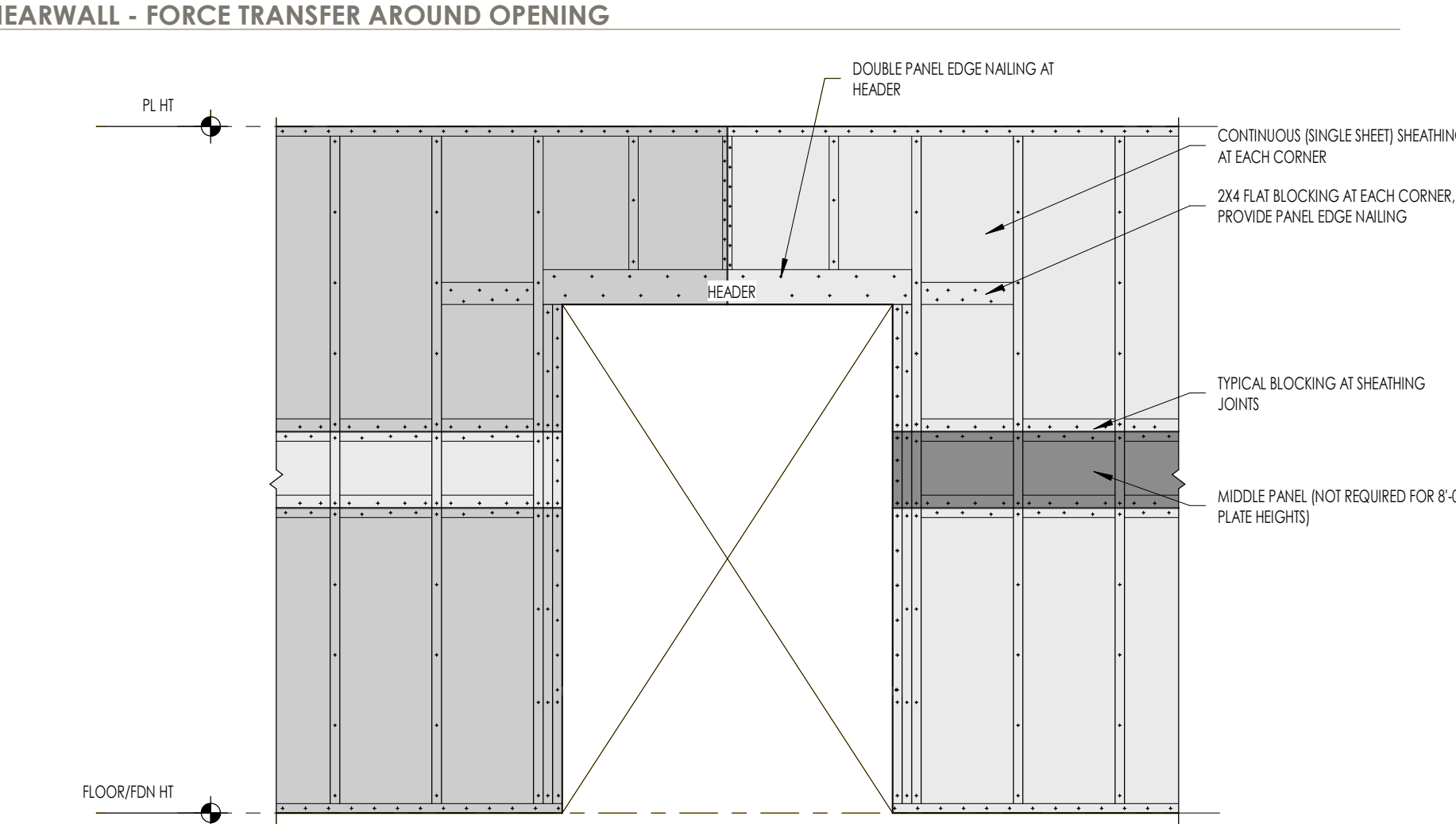
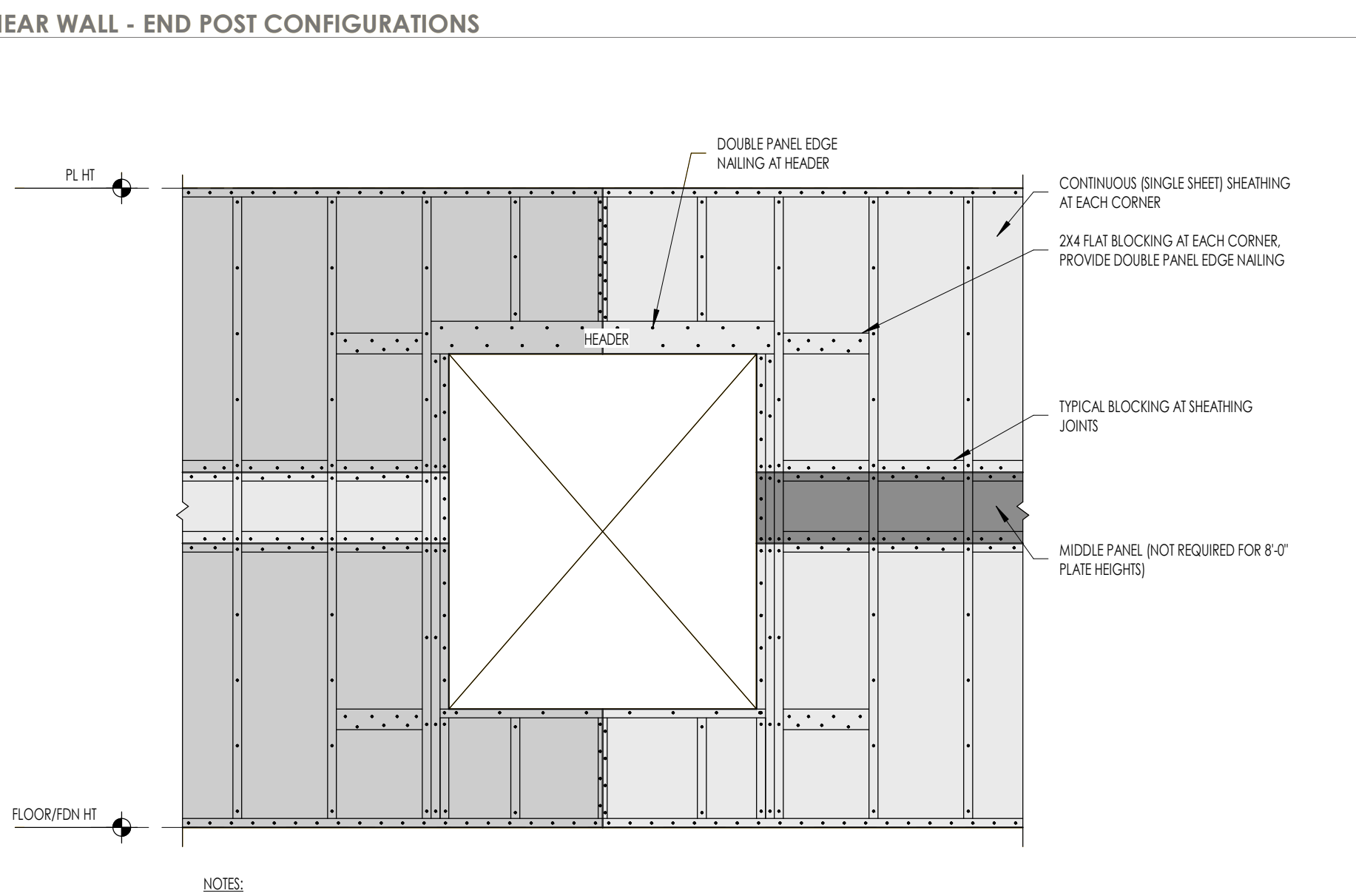
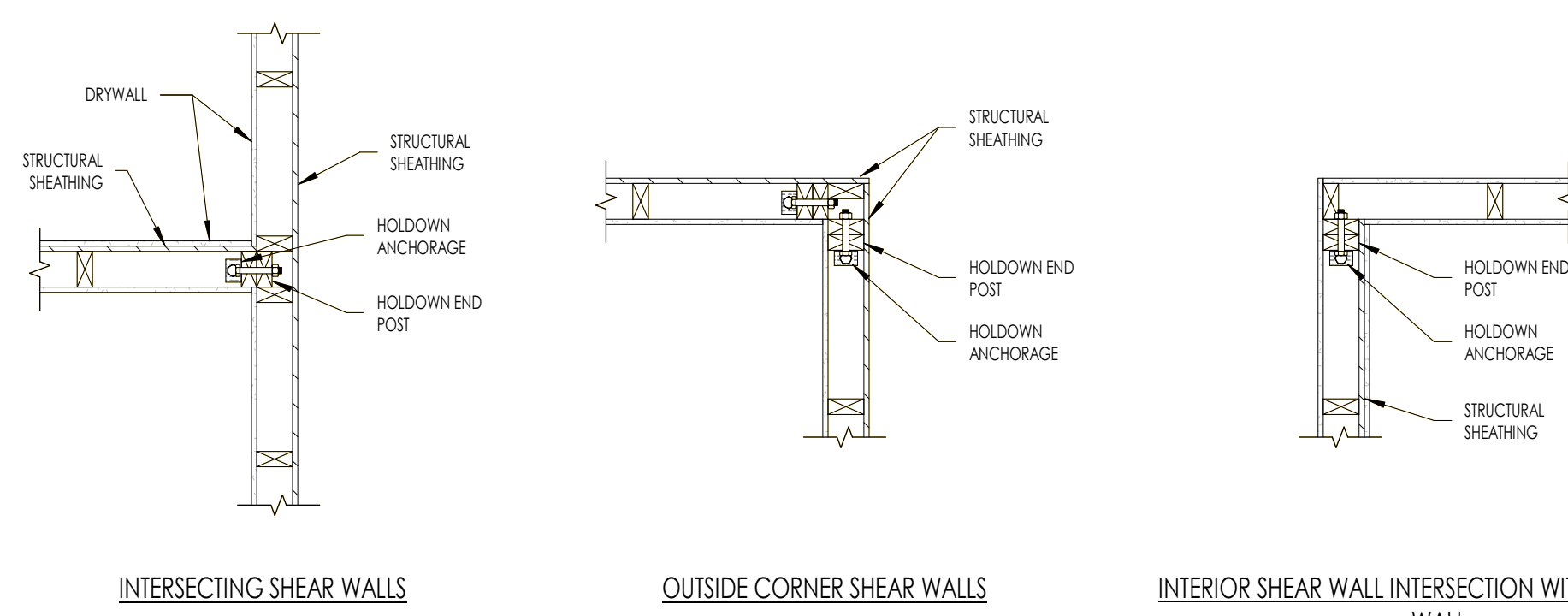
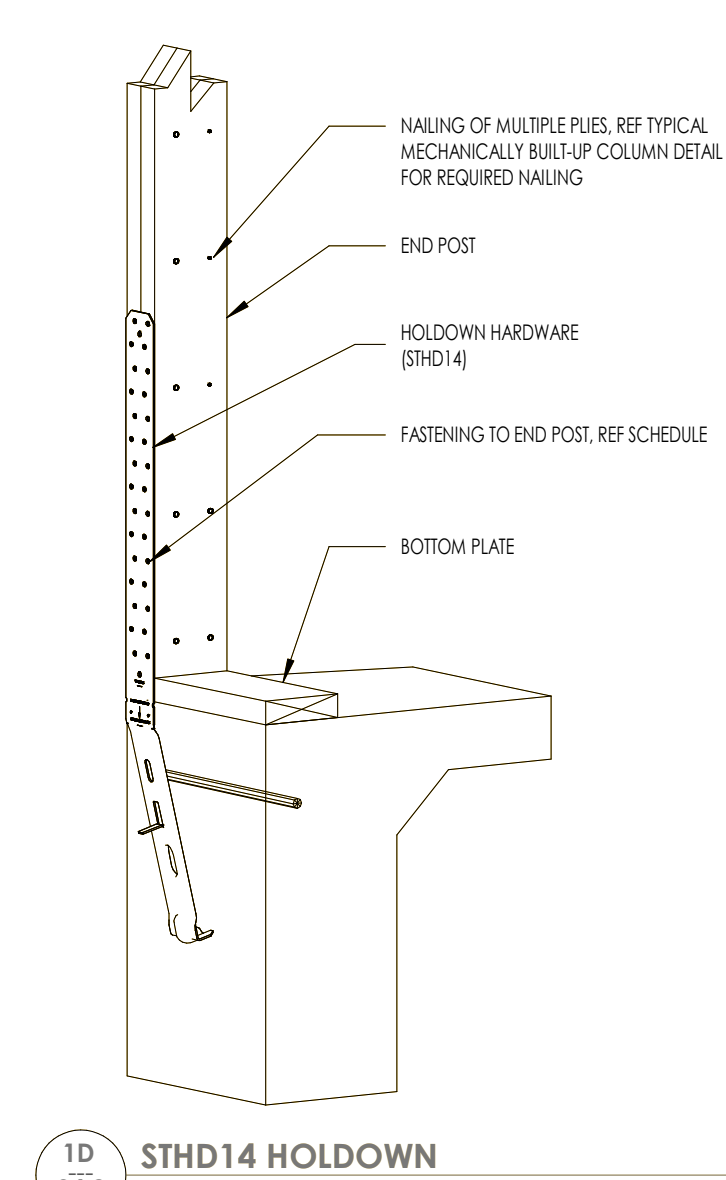
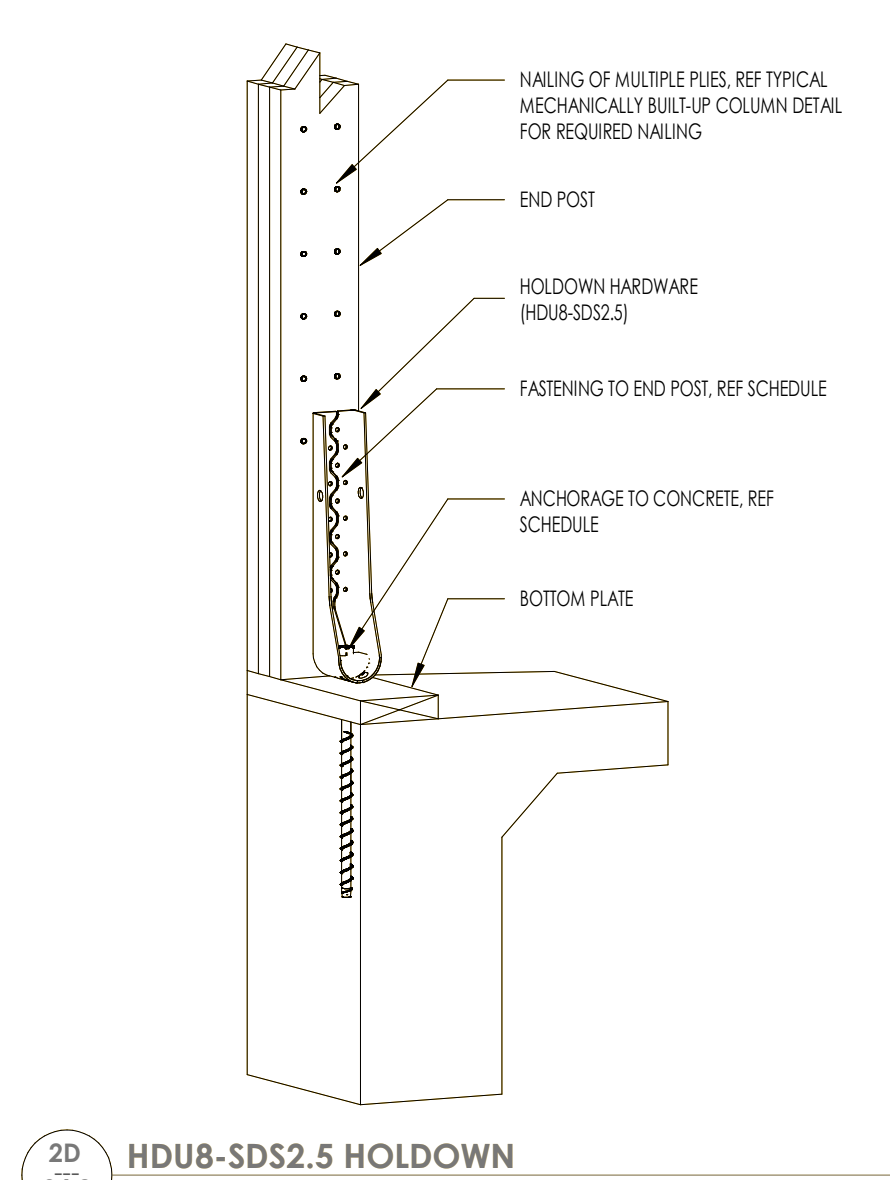
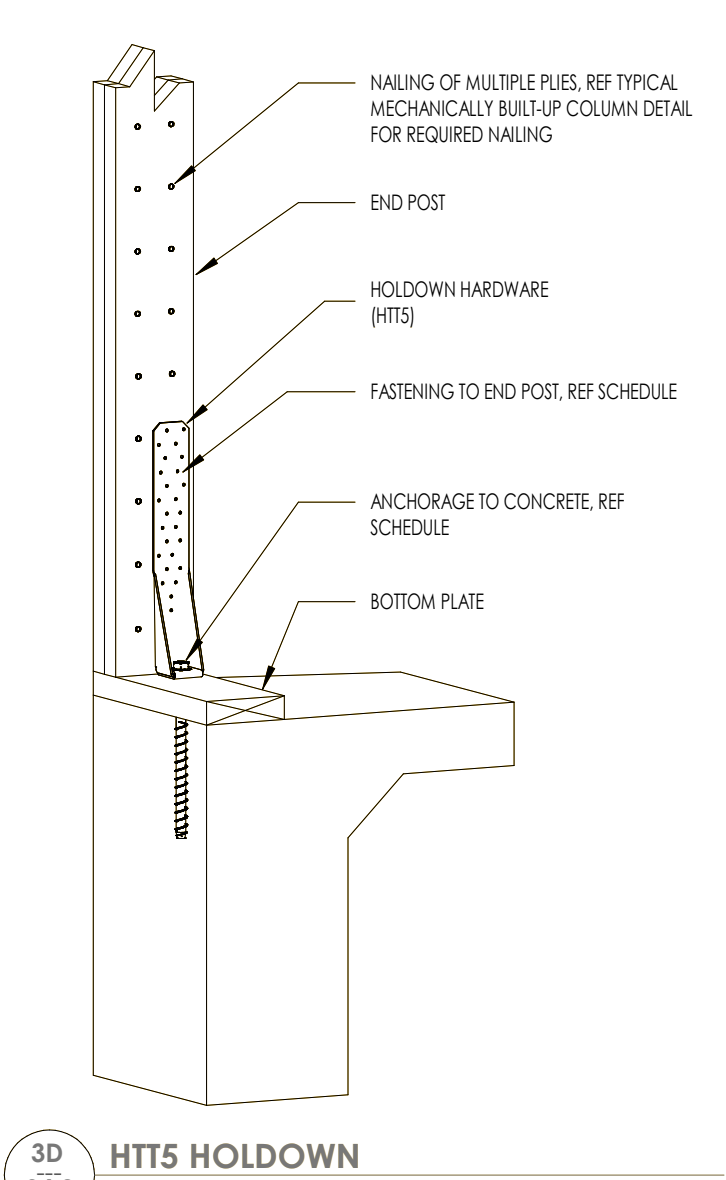
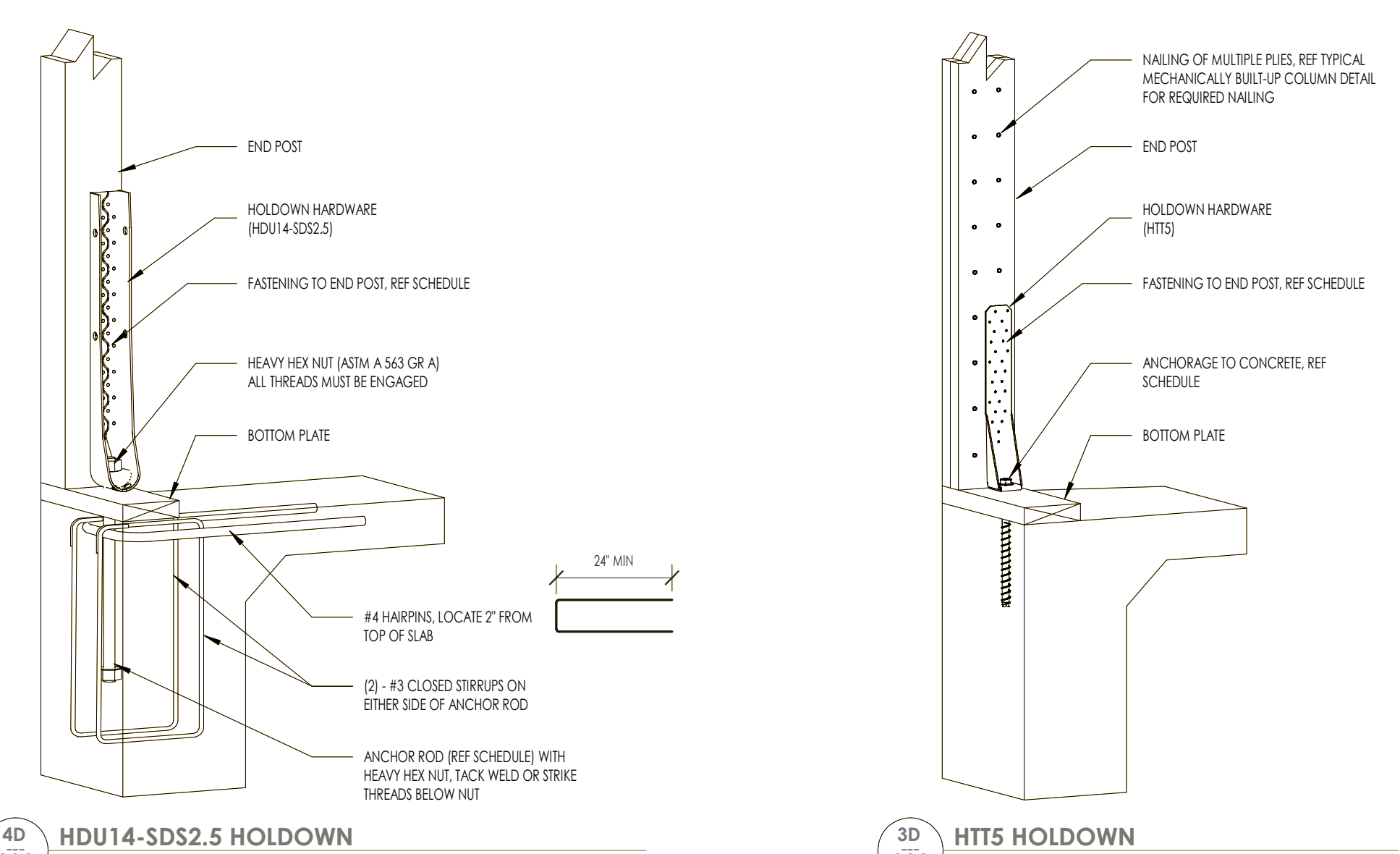
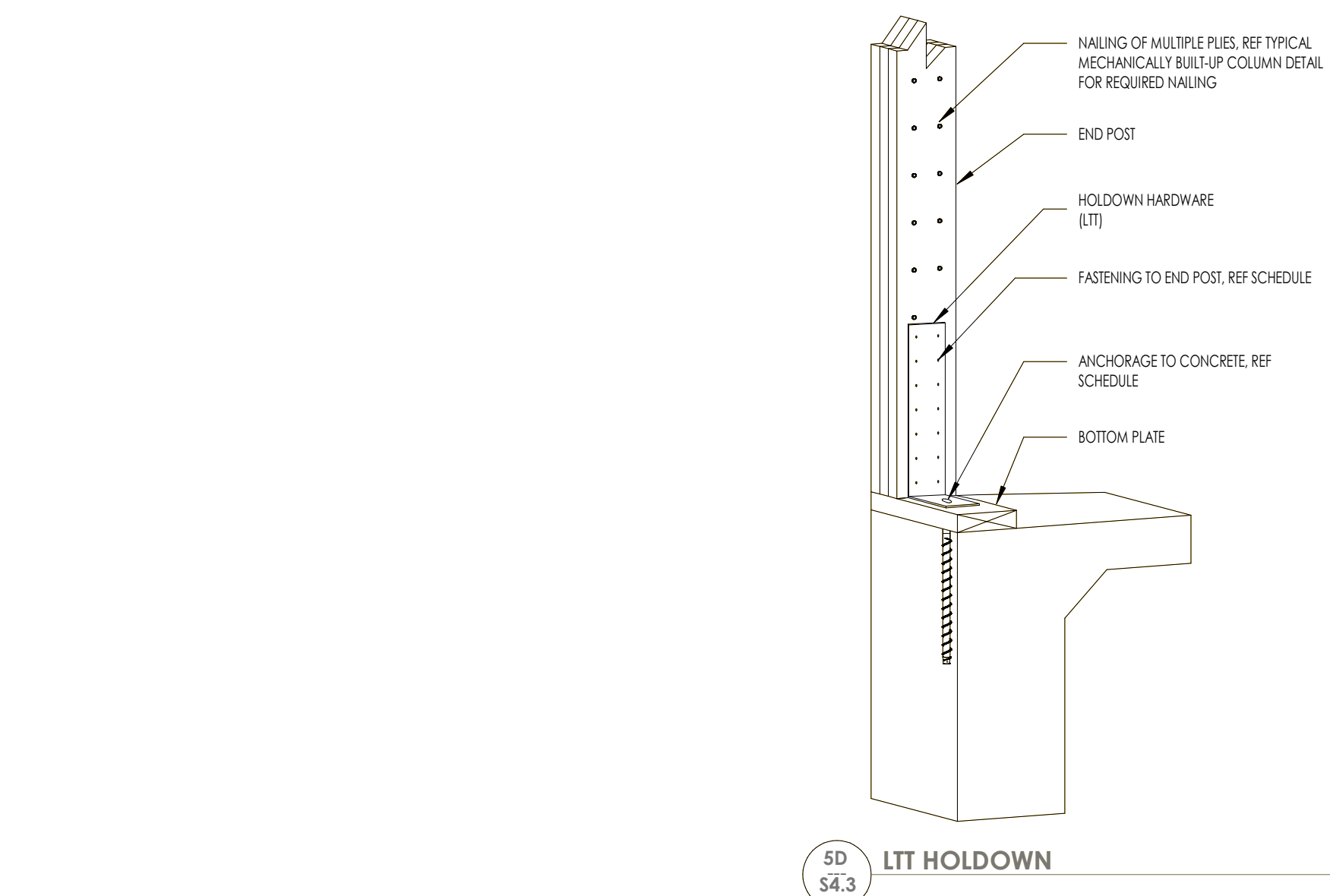


MEP: AMC Engineers
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Architect: OpeningDesign
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Date	Description
06/10/2022	Review & Approve Final



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Date	Description
06/10/2022	Review & Issue Permit



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

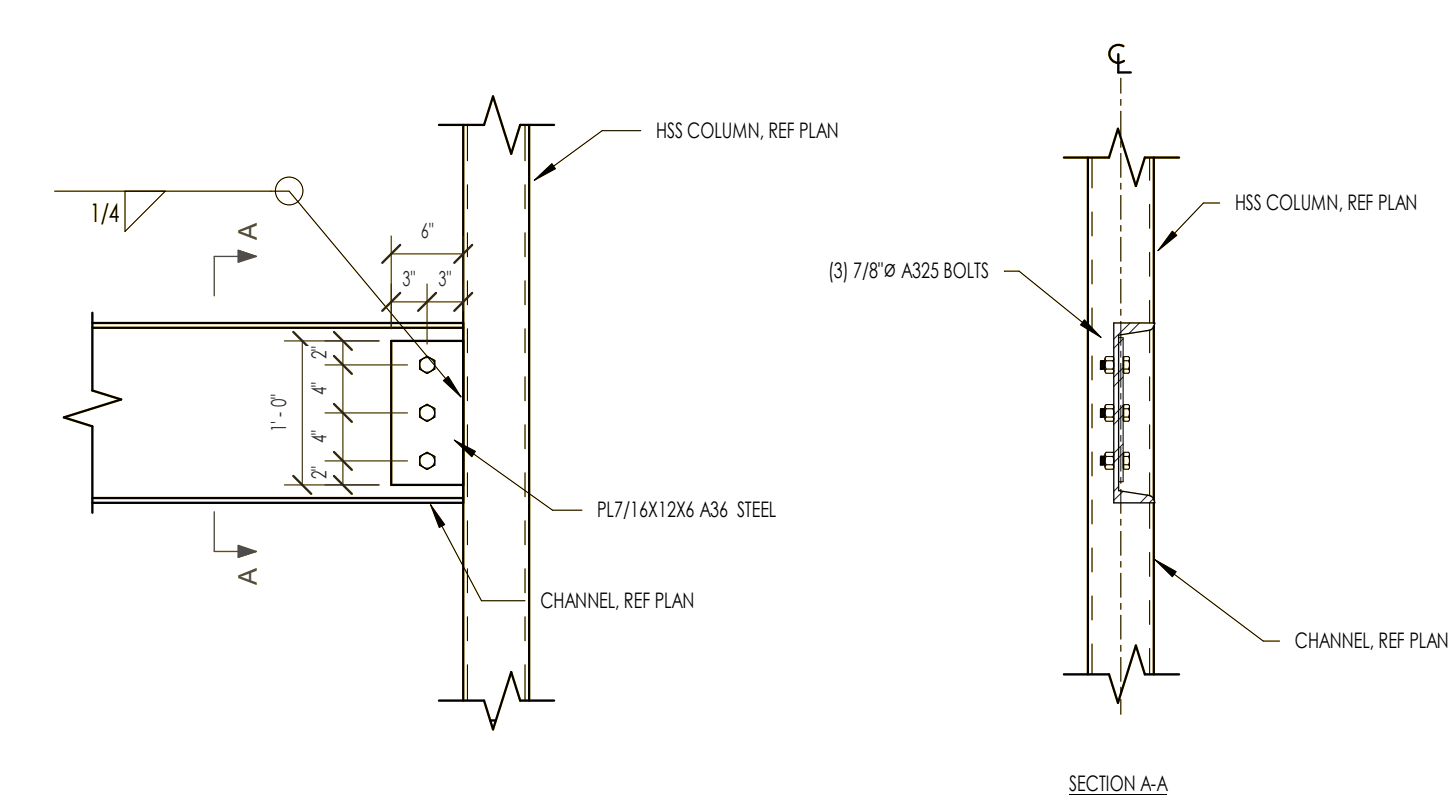


Structural: Dudley
6102 Imperial Loop Drive
College Station, TX 77845
(979) 777-0720

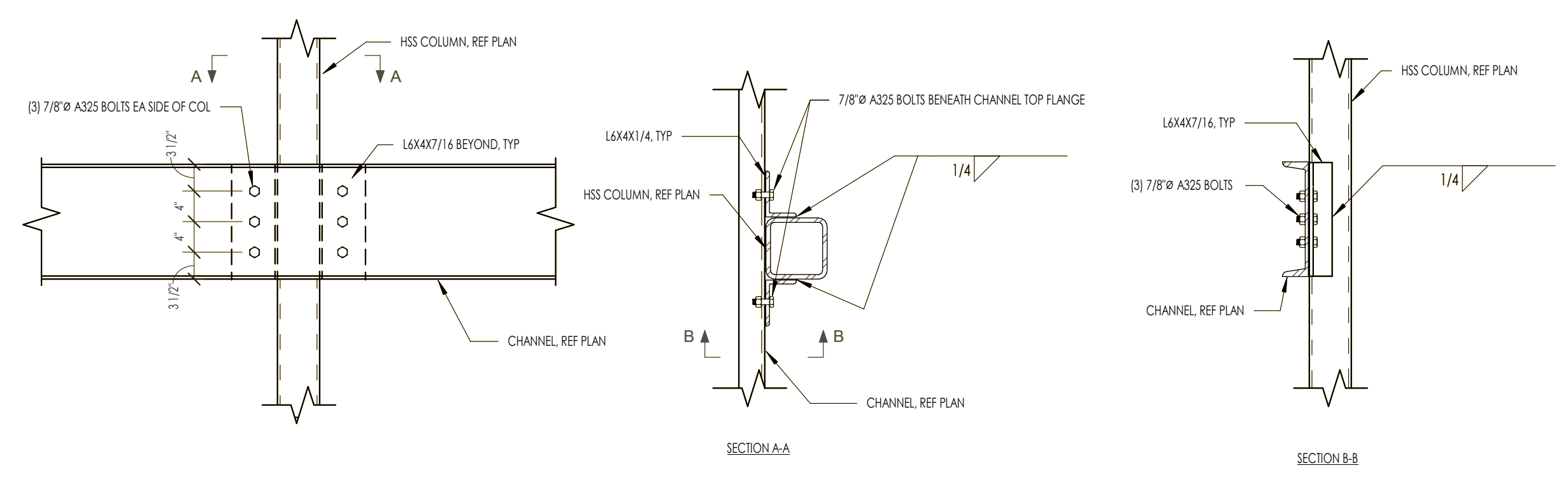


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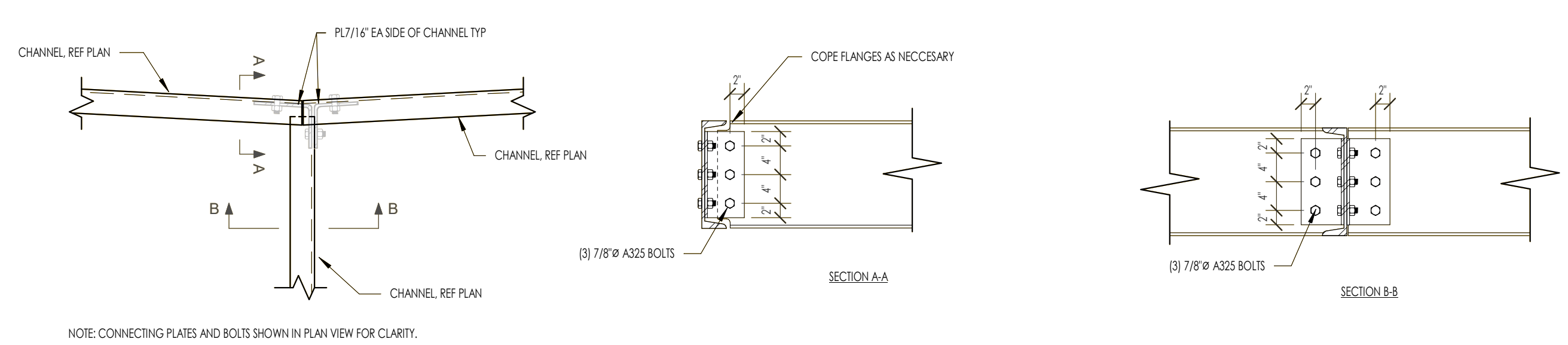
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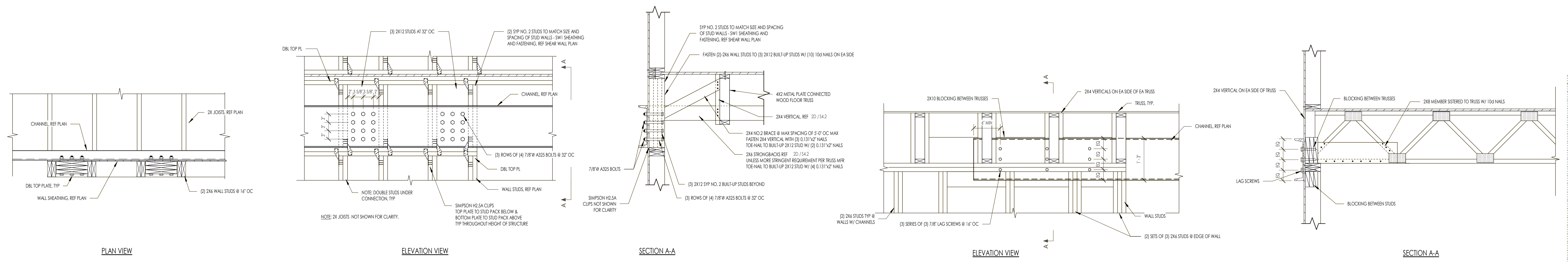
1C S4.5 CHANNEL TO HSS COLUMN CONNECTION - ALIGNED



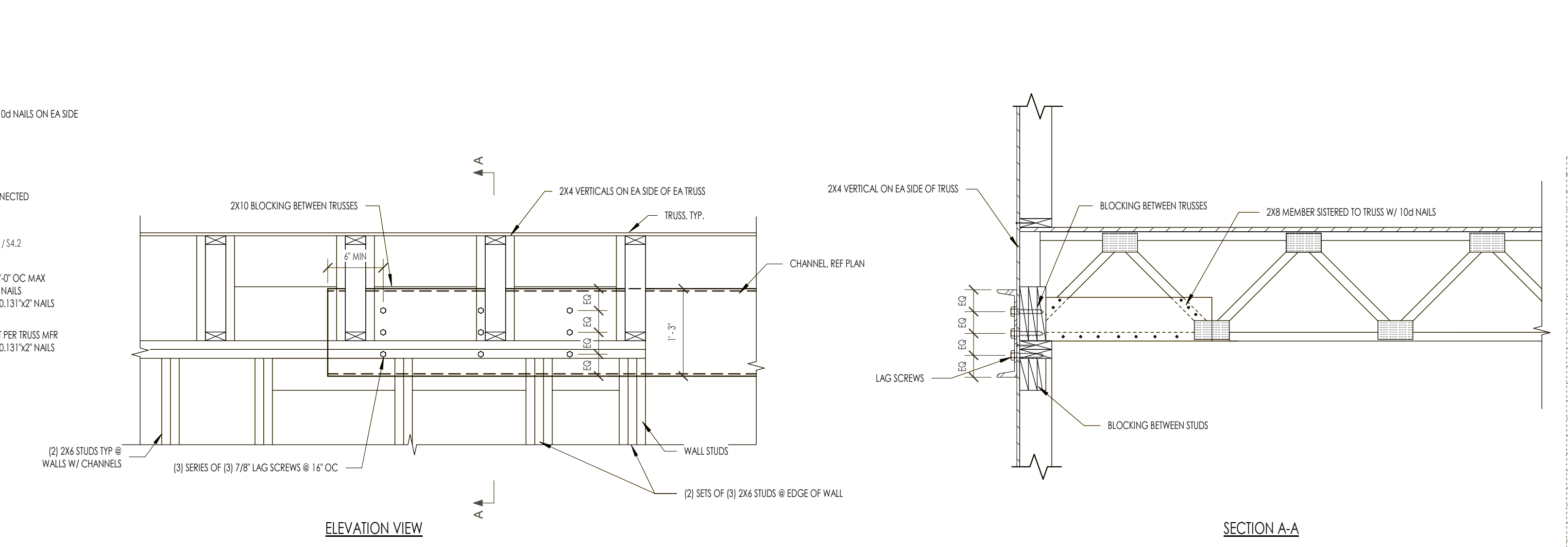
3B S4.5 CHANNEL TO HSS COLUMN CONNECTION - ECCENTRIC



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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