

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 INSPECTIONS AND STRUCTURAL TESTS AS PART OF THIS PROJECT.

WIND-RESISTING COMPONENTS (1705.1.1.3)

- 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 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.

REQUIRED VERIFICATION AND INSPECTION OF SOILS (TABLE 1705.4)

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.

REQUIRED VERIFICATION AND INSPECTION OF WOOD CONSTRUCTION (§1705.5)

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

REQUIRED VERIFICATION AND INSPECTION OF STRUCTURAL STEEL CONSTRUCTION (§1705.2.1)

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.

STRUCTURAL STEEL - ANCHOR RODS / EMBEDDED PLATES

THE SPECIAL INSPECTOR SHALL BE ON THE PREMISES FOR INSPECTION DURING THE PLACEMENT OF ANCHOR RODS AND OTHER EMBEDDED/SET SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS...

STRUCTURAL STEEL - WELDS

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, MATERIAL IDENTIFICATION (MPE / GRADE), WELDER IDENTIFICATION SYSTEM.

NON-DESTRUCTIVE TESTING OF WELDED JOINTS

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Rows include: FILLET WELDS, PARTIAL JOINT PENETRATION (PJP) WELDS INCLUDING FLARE BEVEL WELDS, COMPLETE JOINT PENETRATION (CJP) WELDS.

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...

Table with 4 columns: BOLT LENGTH, DISPOSITION OF OUTER FACES OF BOLTED PARTS, LENGTH <= 4d, 4d < LENGTH <= 8d, 8d < LENGTH <= 12d.

- a. NUT ROTATION IS RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED...
b. APPLICABLE TO JOINTS IN WHICH ALL MATERIAL WITHIN THE GRIP IS STEEL.

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS PRIOR TO BOLTING

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Row: DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

STRUCTURAL STEEL HIGH-STRENGTH BOLTS (ENUG-TIGHT) - INSPECTION TASKS DURING BOLTING

Table with 4 columns: VERIFICATION AND INSPECTION, CONTINUOUS, PERIODIC, REQUIRED. Row: DOCUMENTATION AND ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.

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

DUDDLEY logo and contact information: Structural: Dudley Firm # 18677, 4102 Imperial Loop Drive, College Station, TX 77845.

amc ENGINEERS logo and contact information: MEP: AMC Engineers Texas Firm #9441, 508 E Jackson St # 552, Burnet, TX 78611.



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

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Table with 2 columns: Date, Description. Row: 08/26/2022, Review before Permit PERMIT REVISIONS.

RENOVATION
Wranglers

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

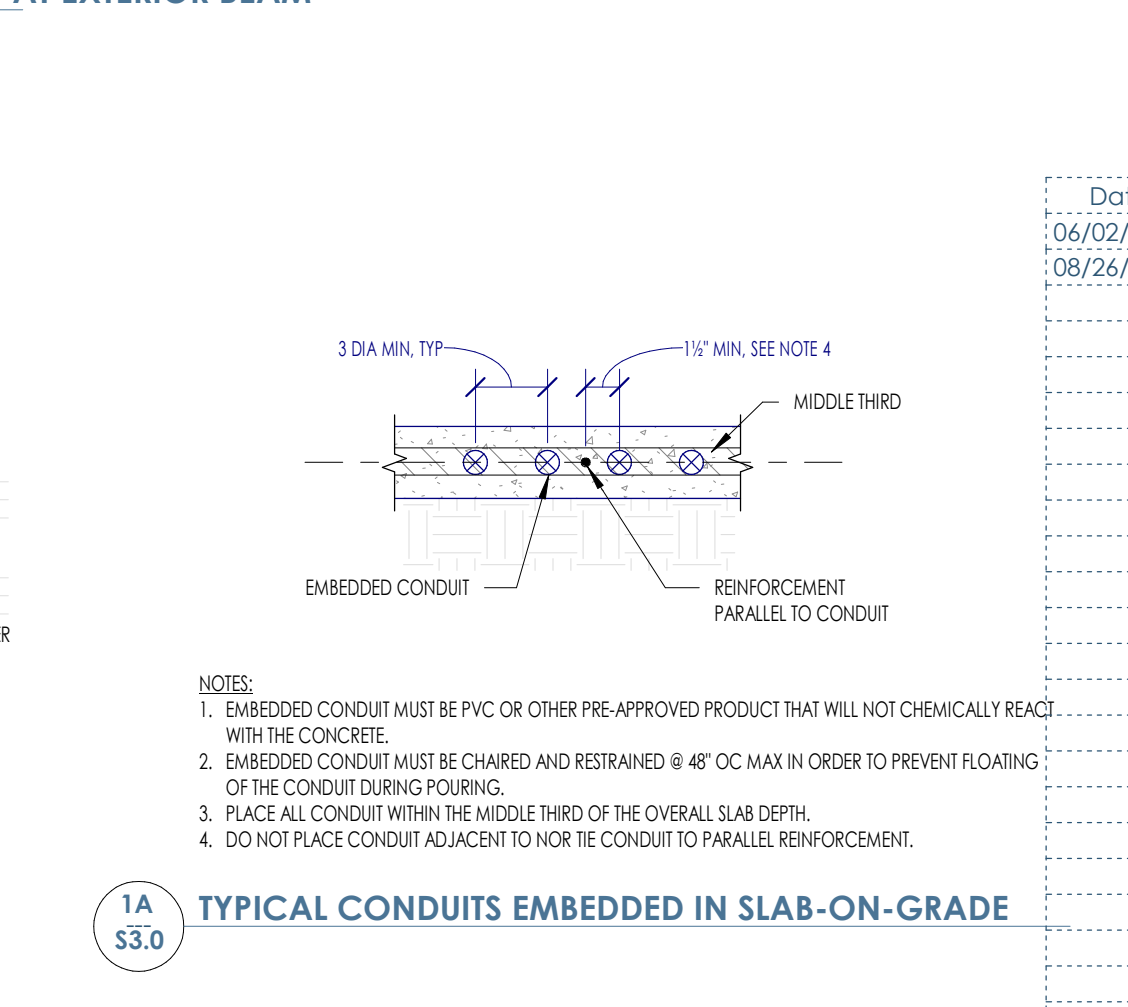
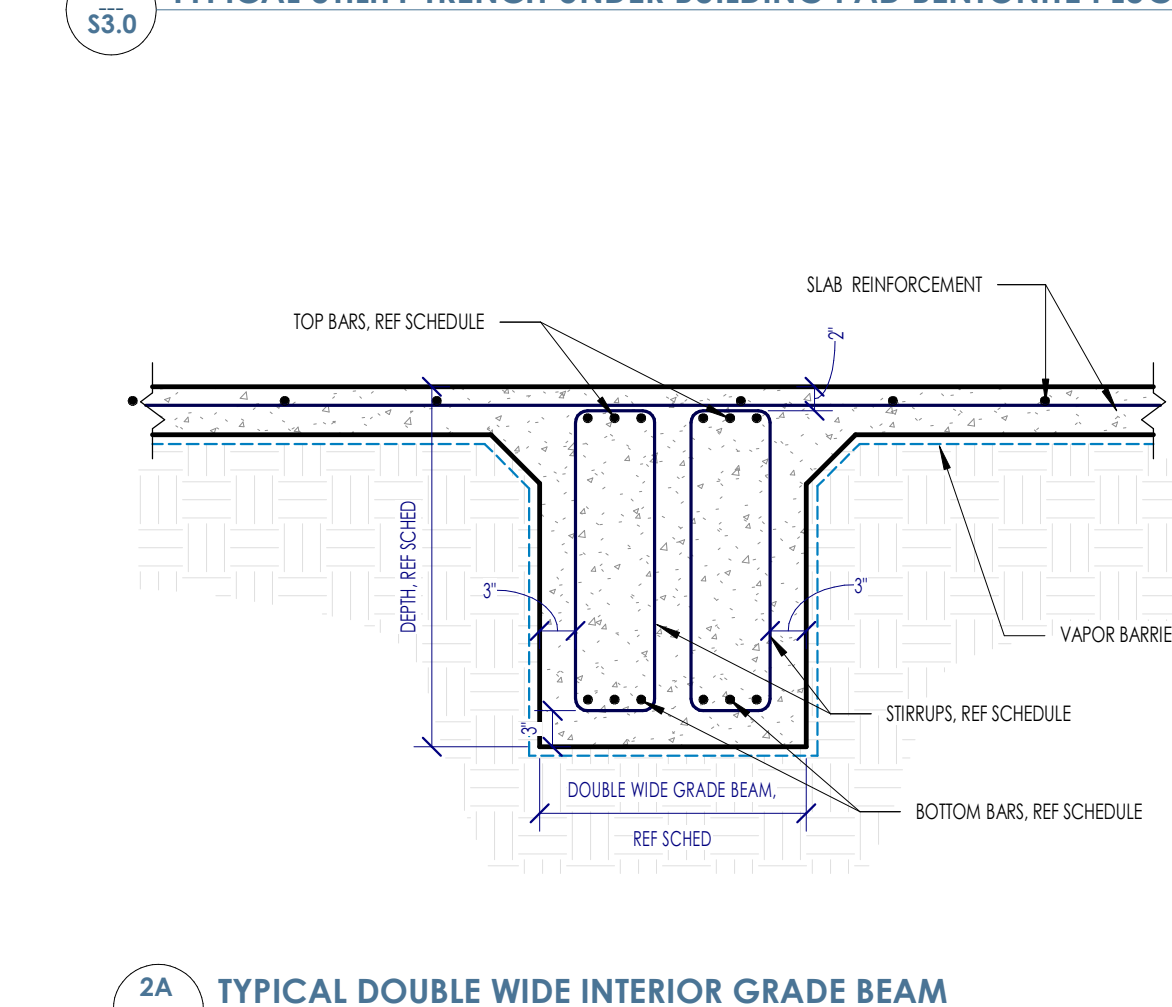
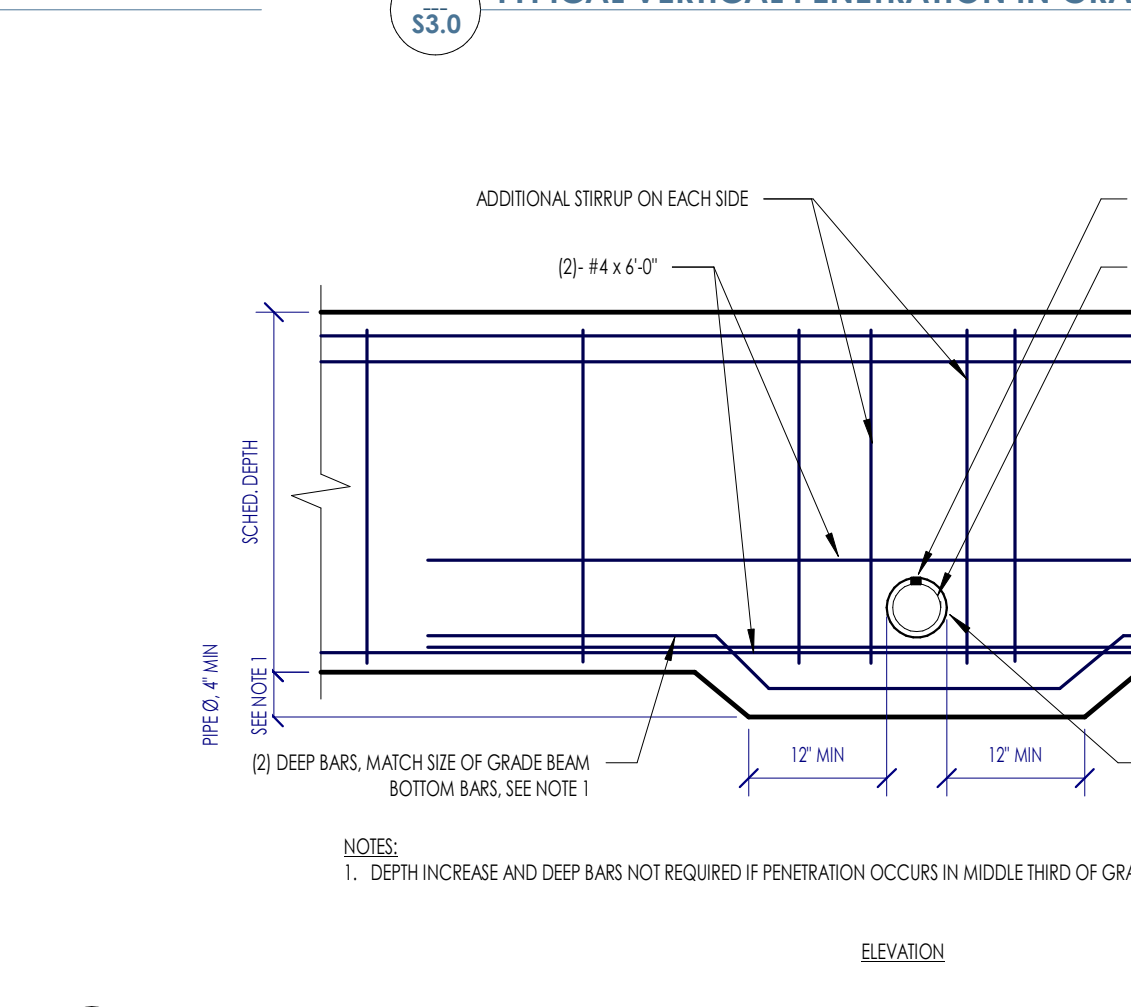
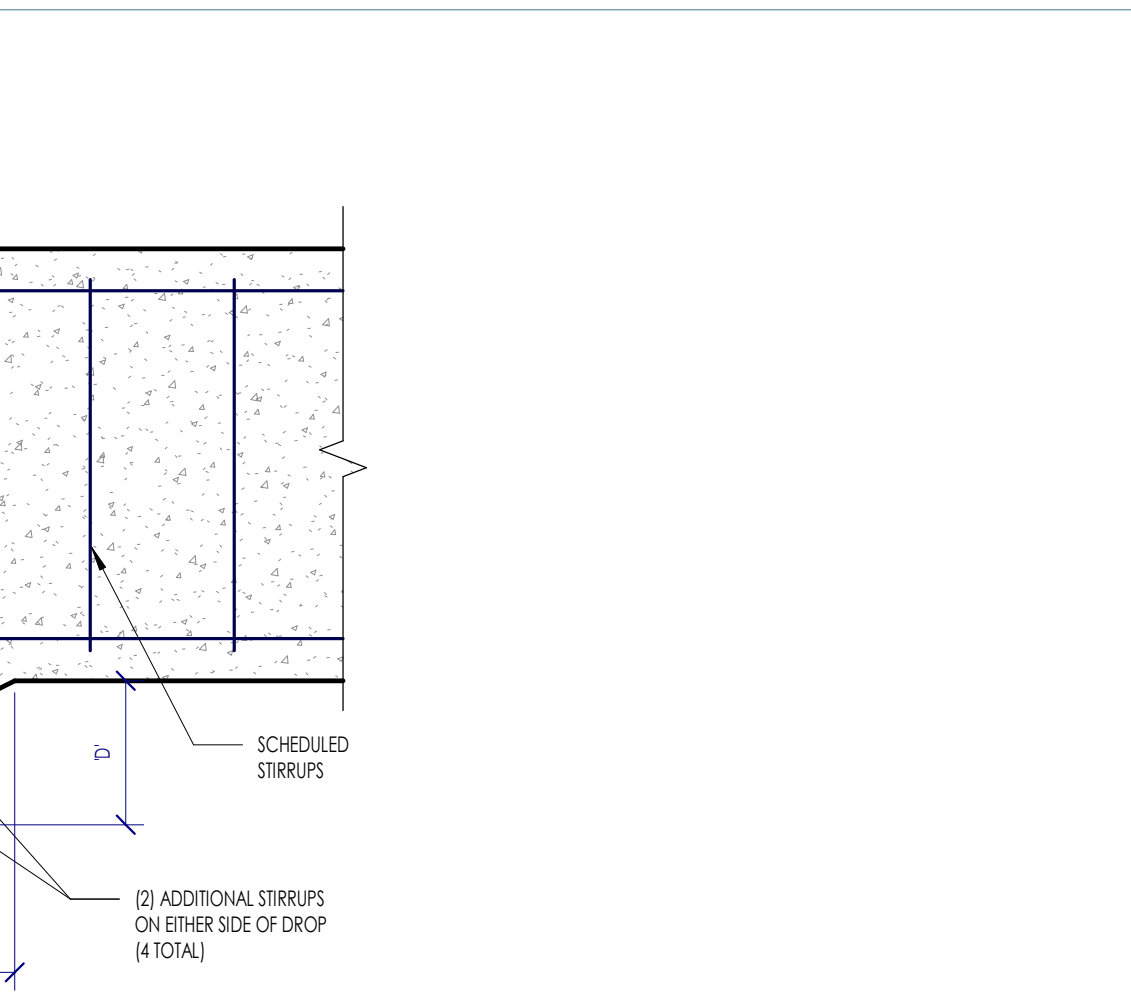
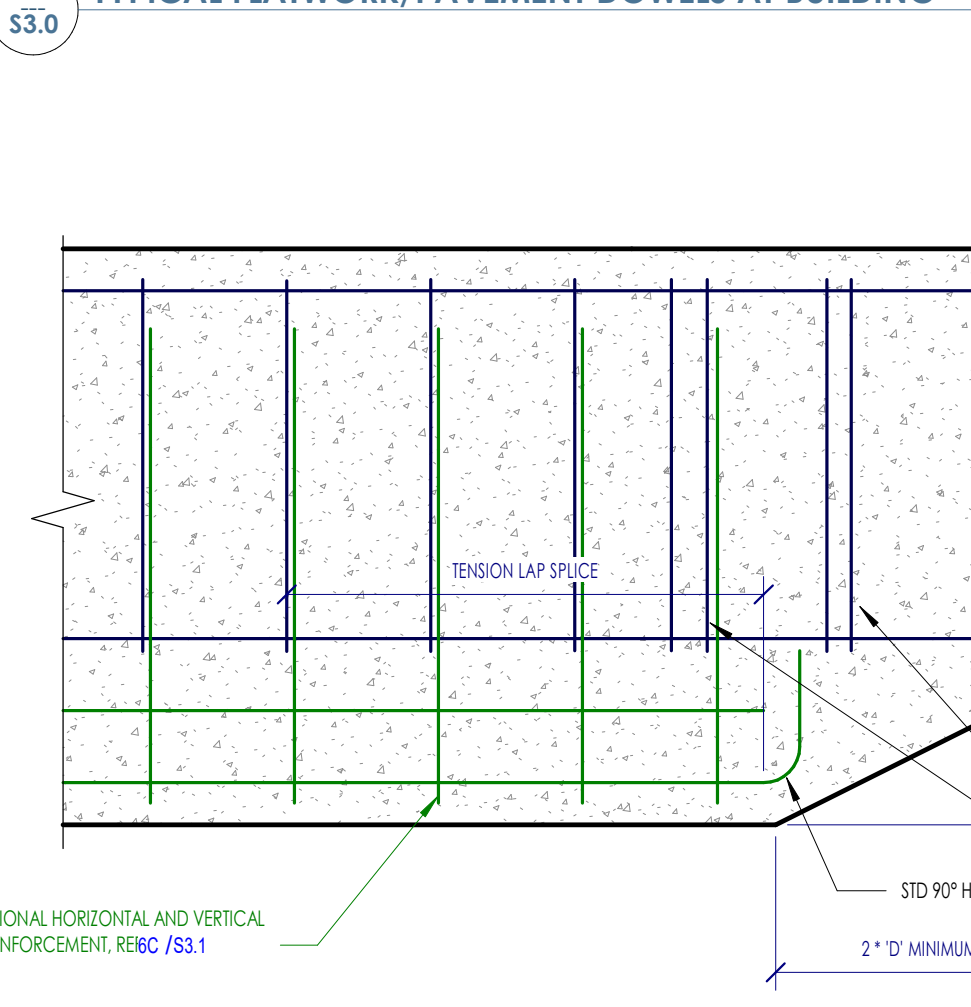
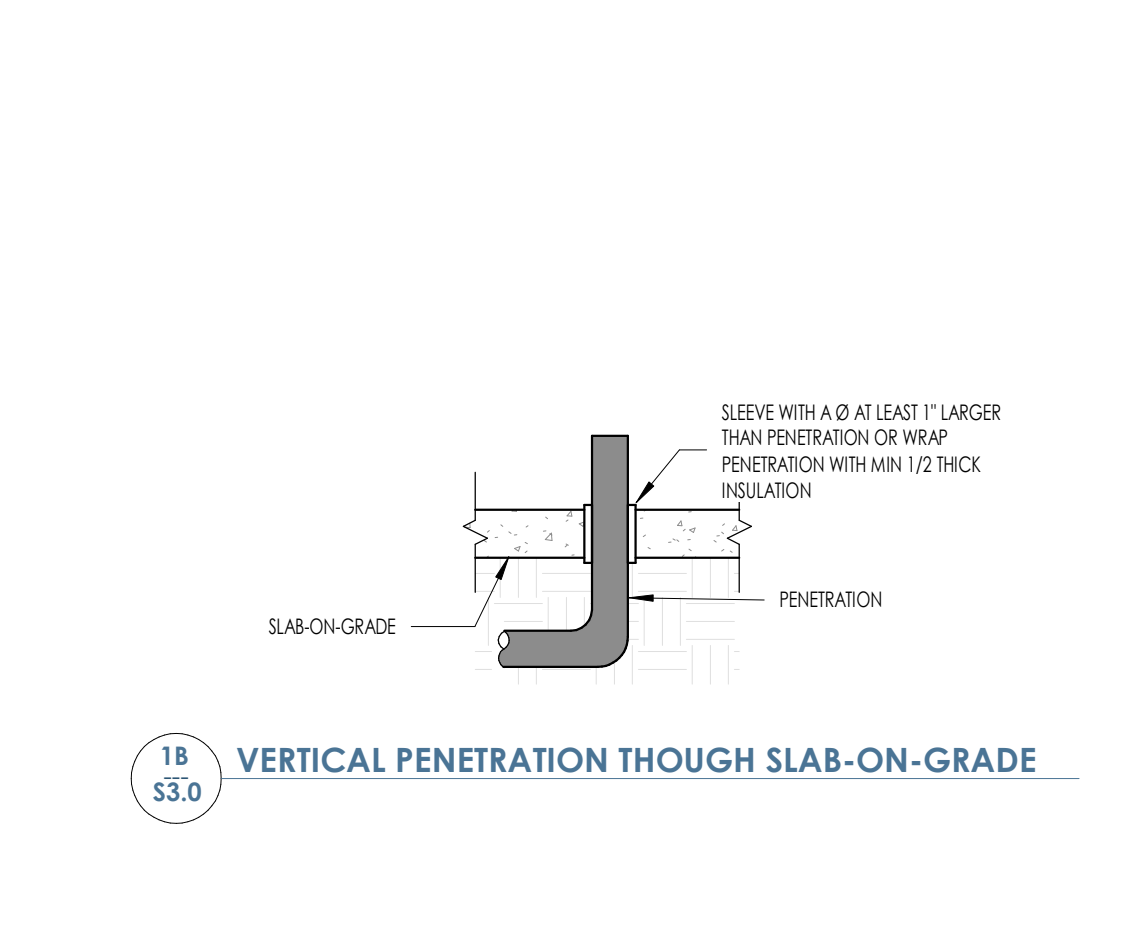
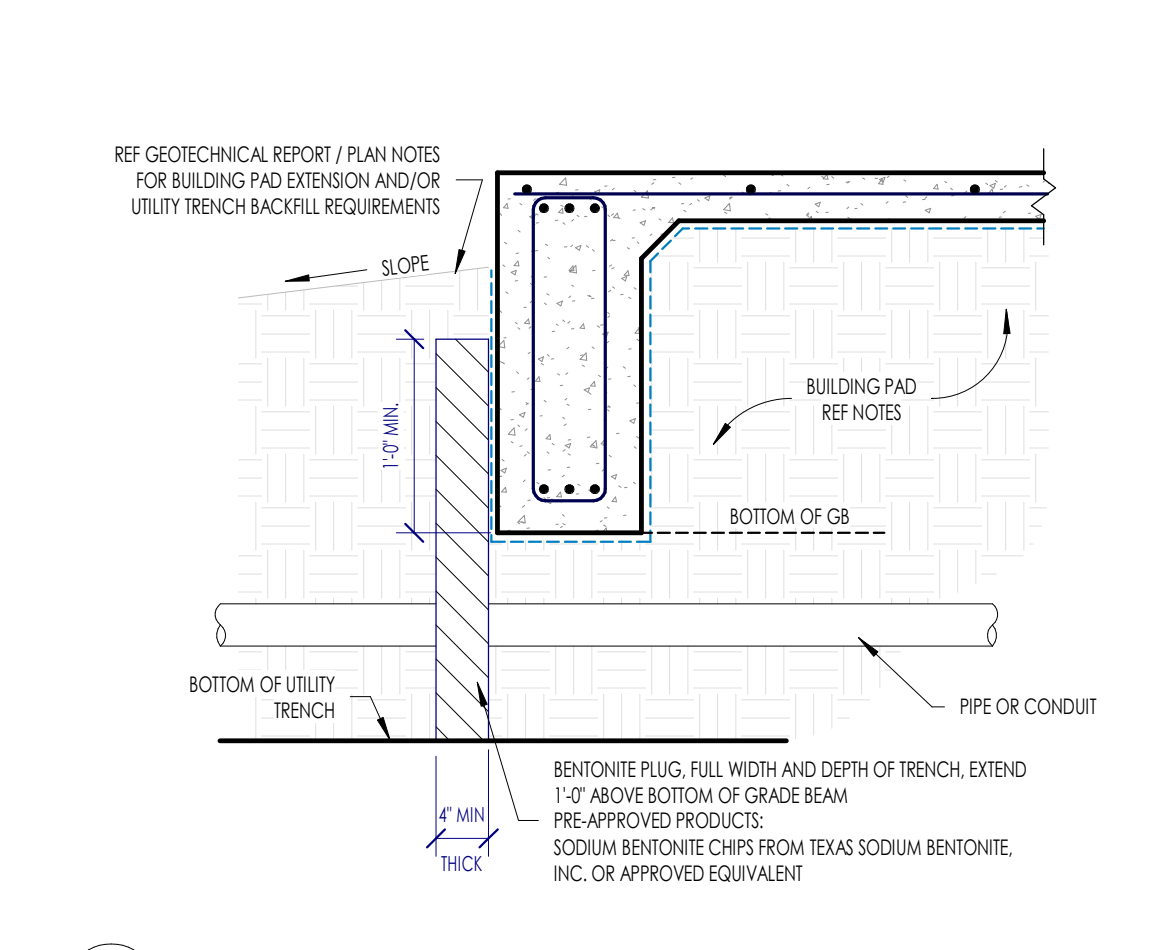
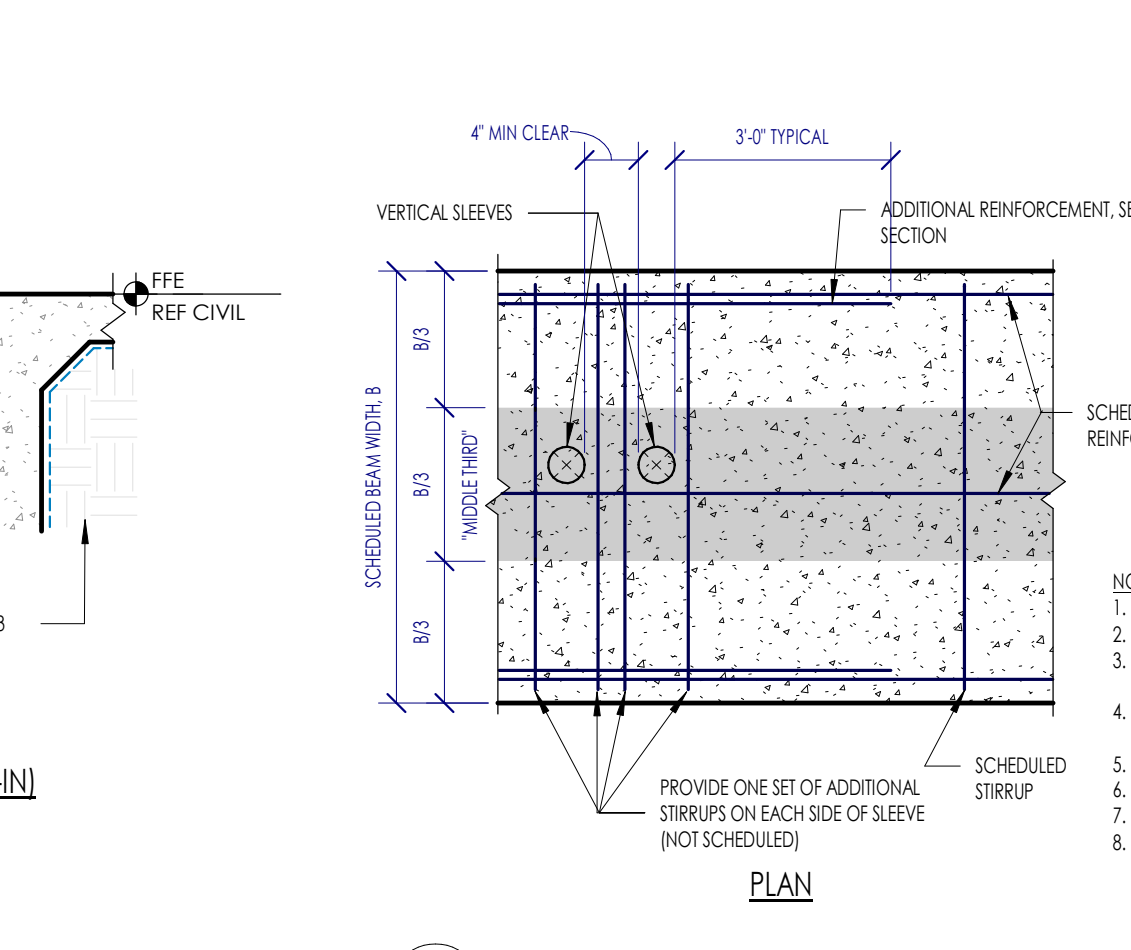
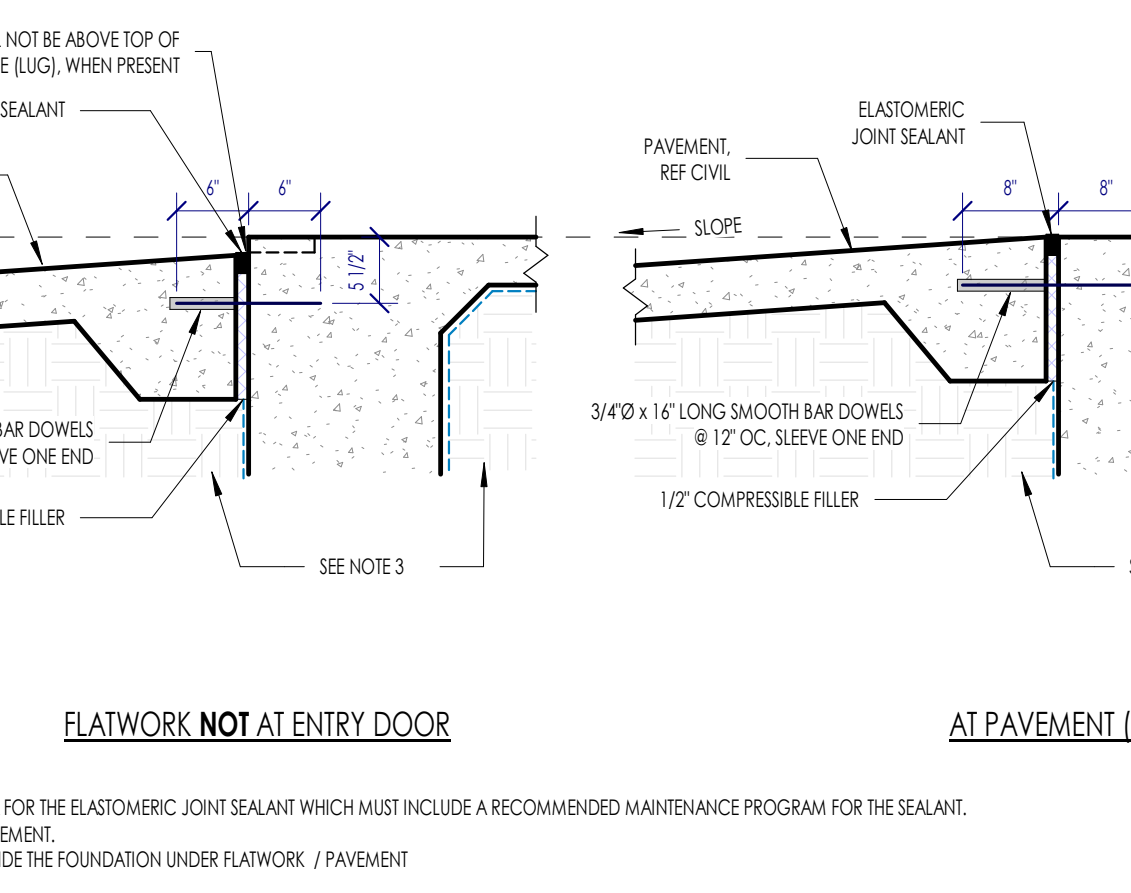
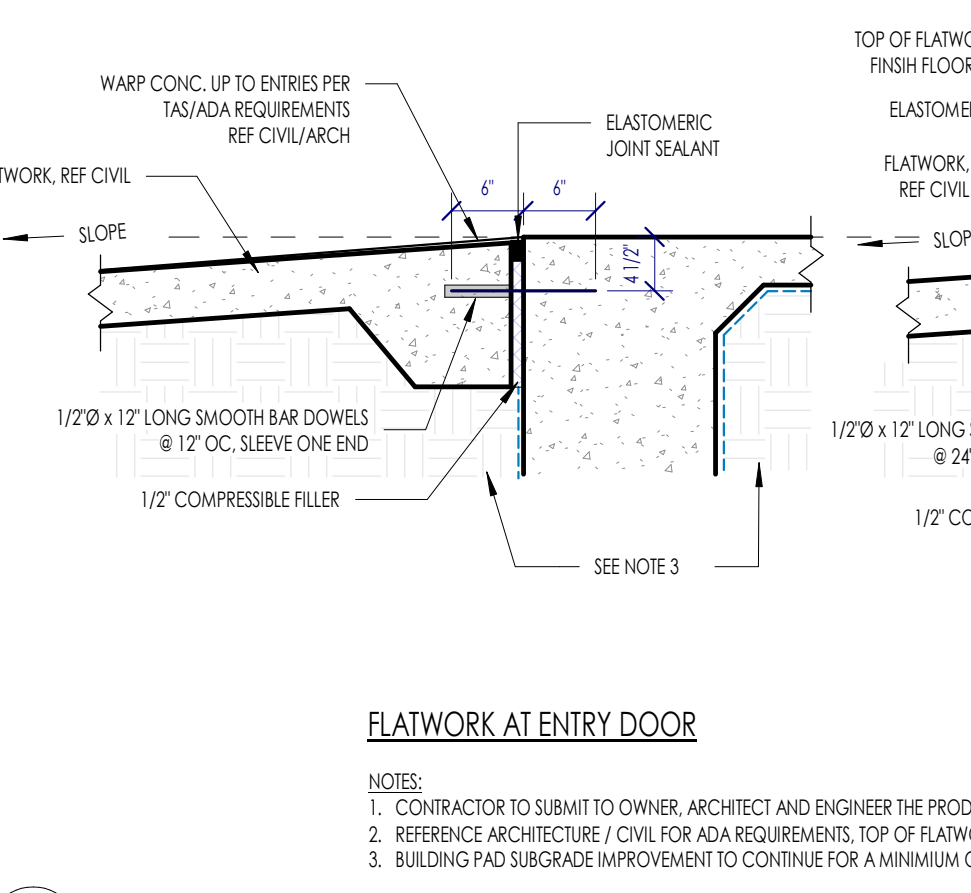
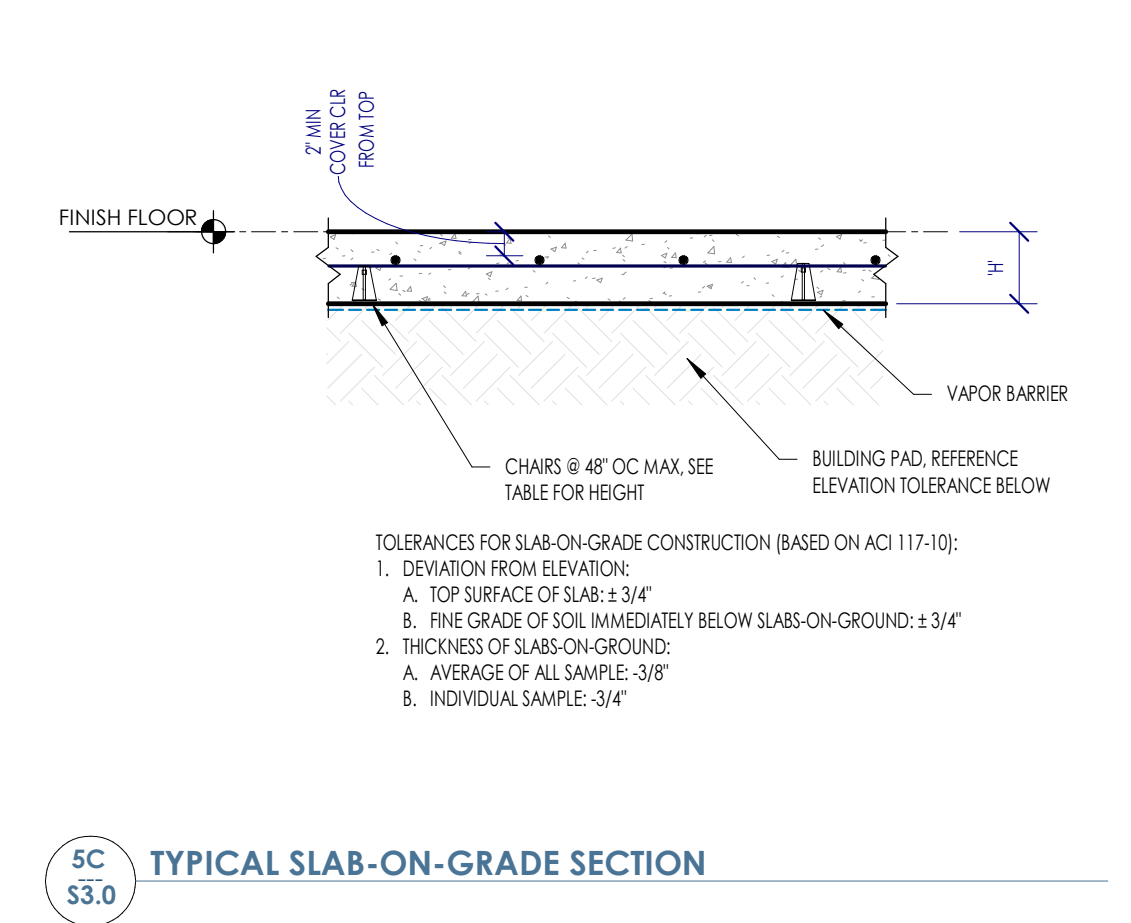
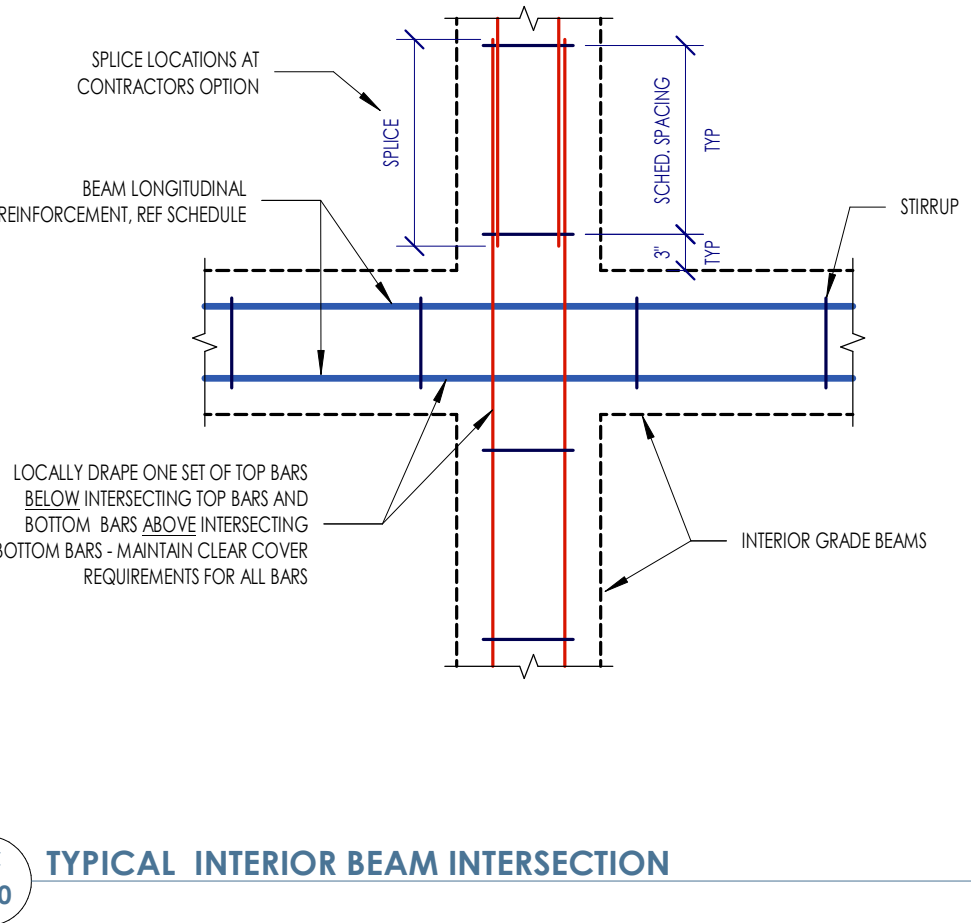
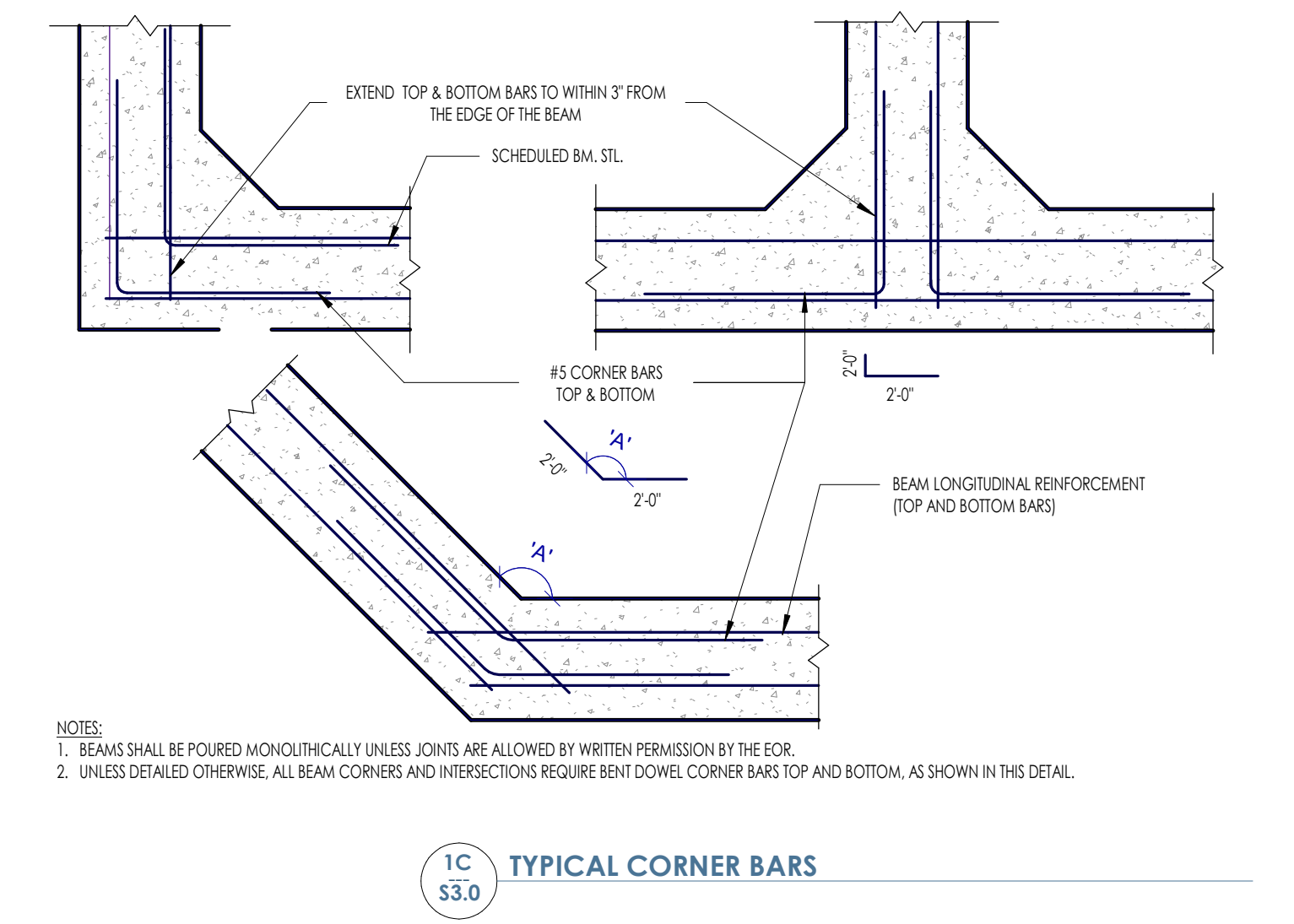
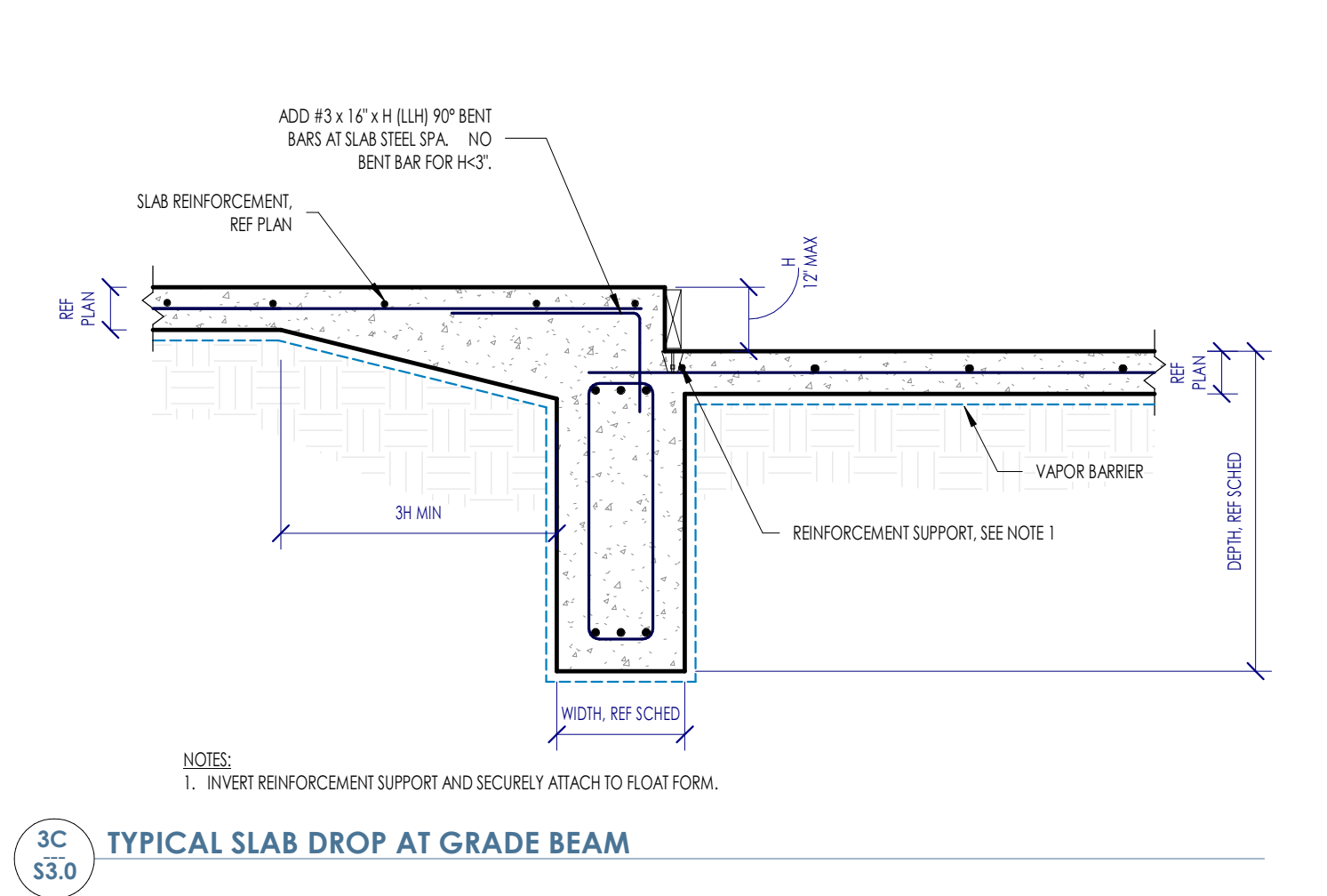
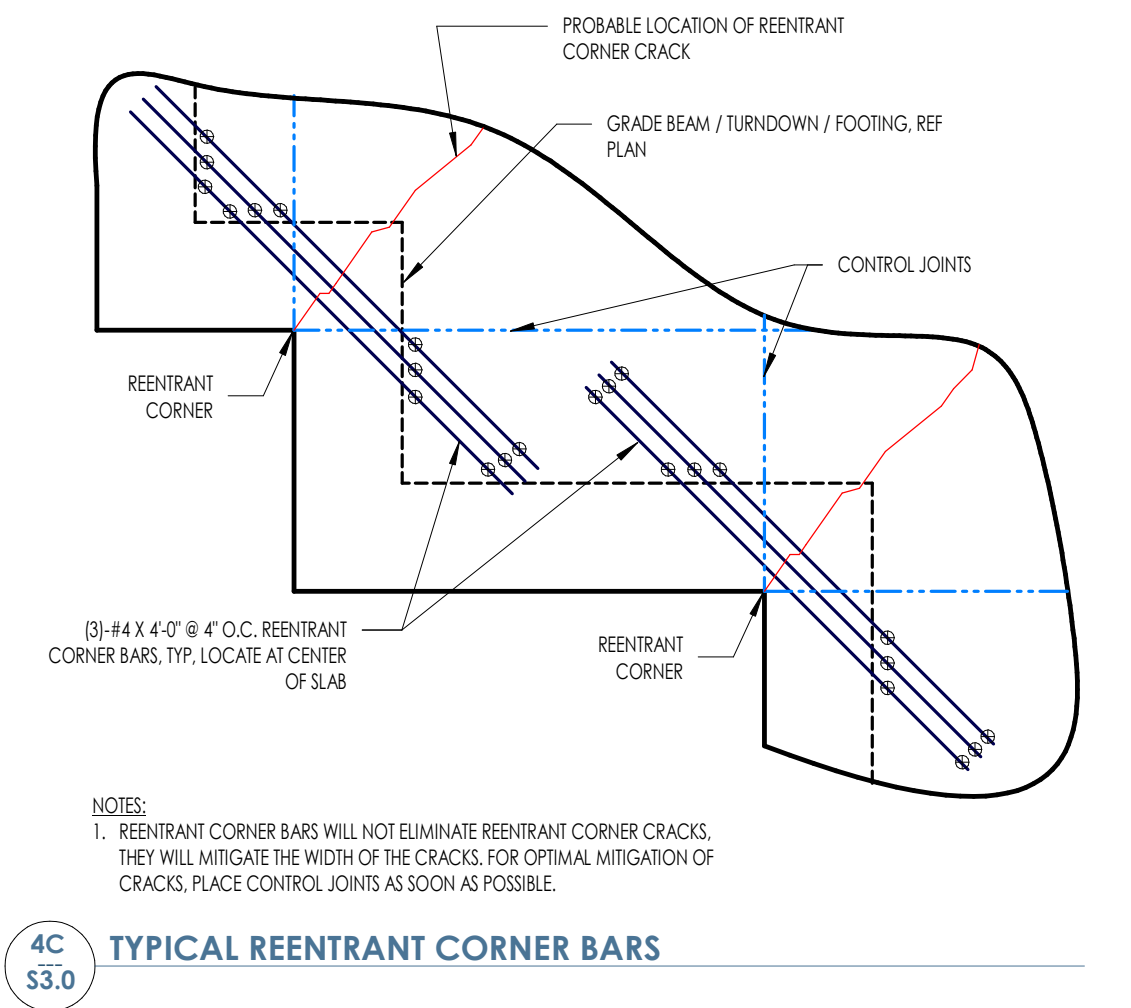
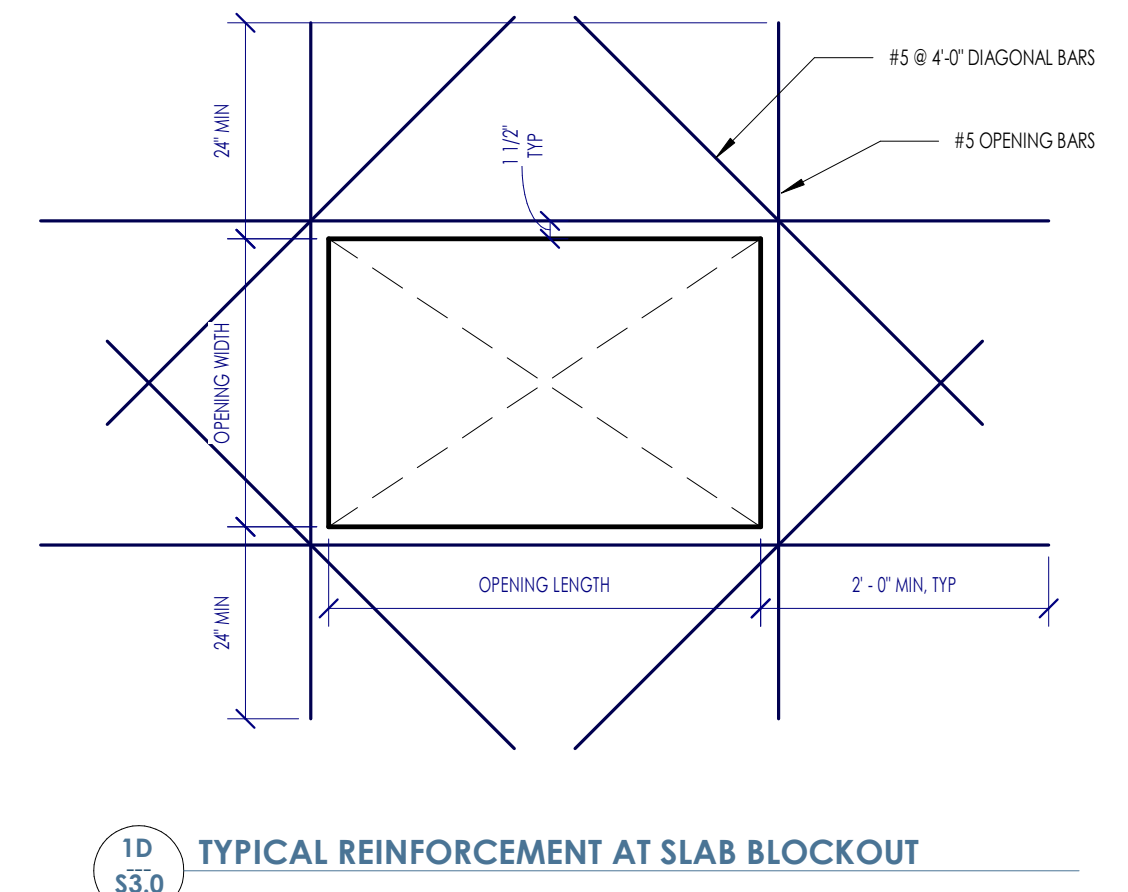
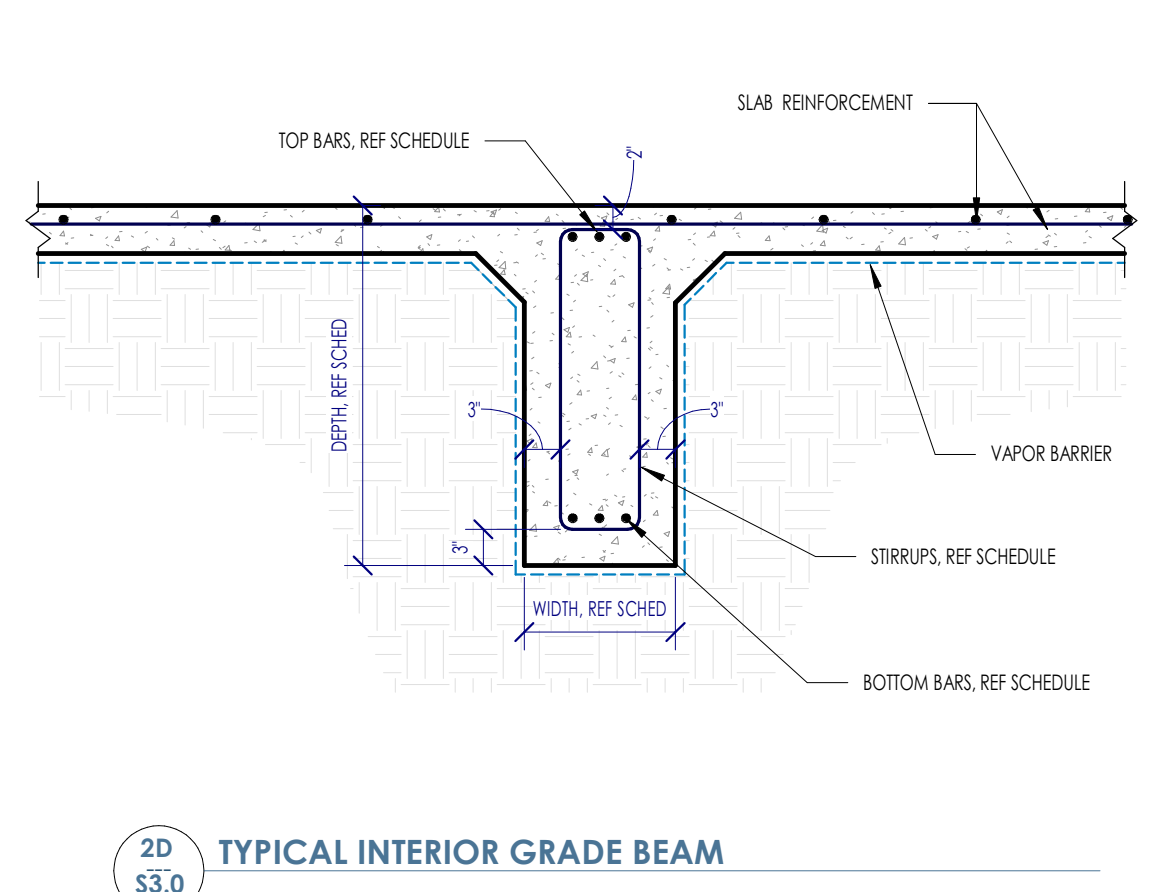
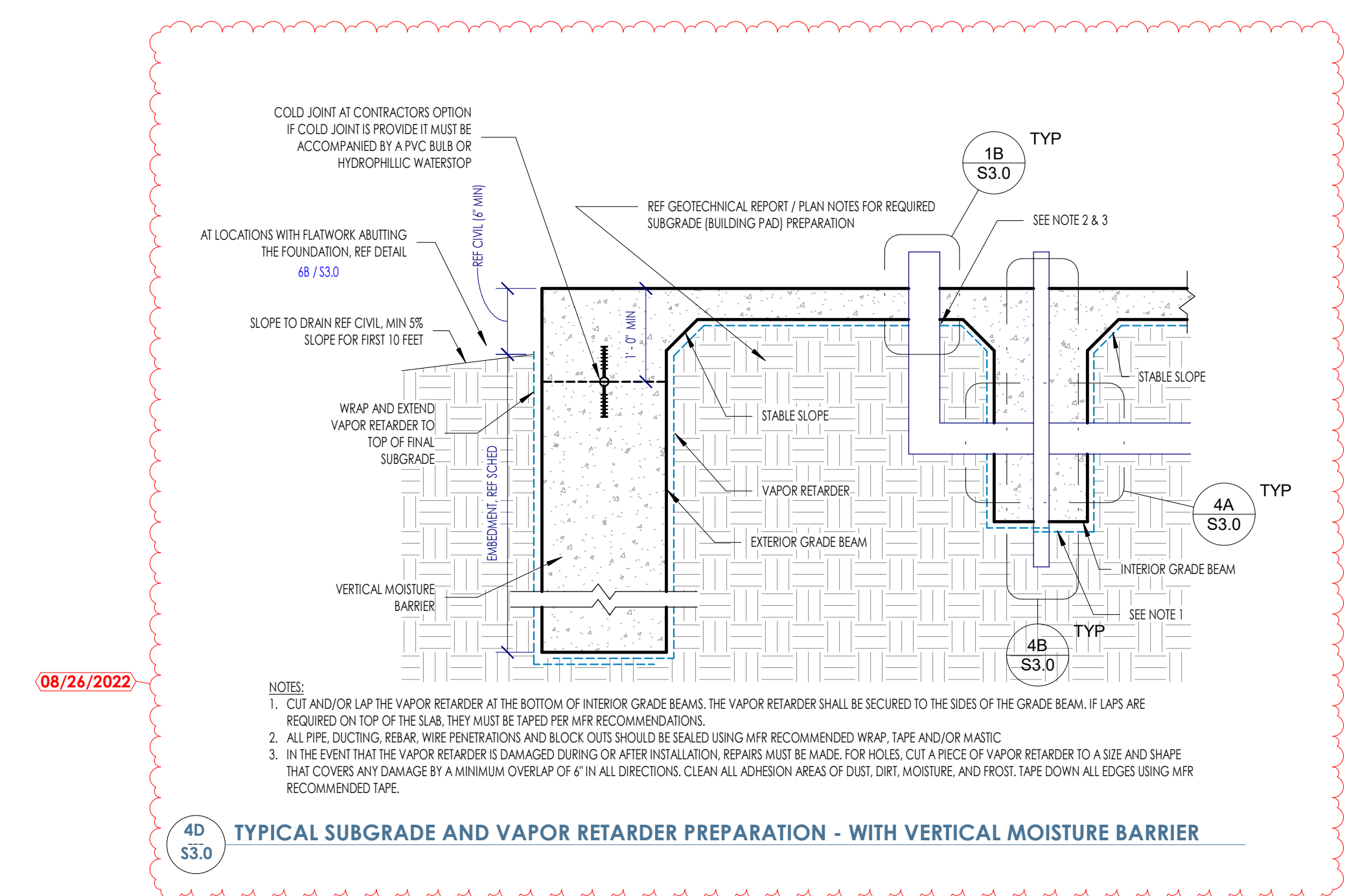
ARCHITECTURE
Architect of Record: LKB Architecture
2929 Allen Pkwy Suite 200
Houston, TX 77019
isa@lkbarchitecture.com | 713.425.3076

DUDLEY
Structural: Dudley
Firm # 18677
6102 Imperial Loop Drive
College Station, TX 77845
corie@dudleyeng.com | (979) 777-0720

amc
ENGINEERS

MEP: AMC Engineers
Texas Firm #9441
508 E Jackson St # 552
Burrket, TX 78611
info@amcengineers.com | 512.535.6427

STATE OF TEXAS
OKEOGHENE ORIEKA
137444
LICENSED PROFESSIONAL ENGINEER
8/26/2022

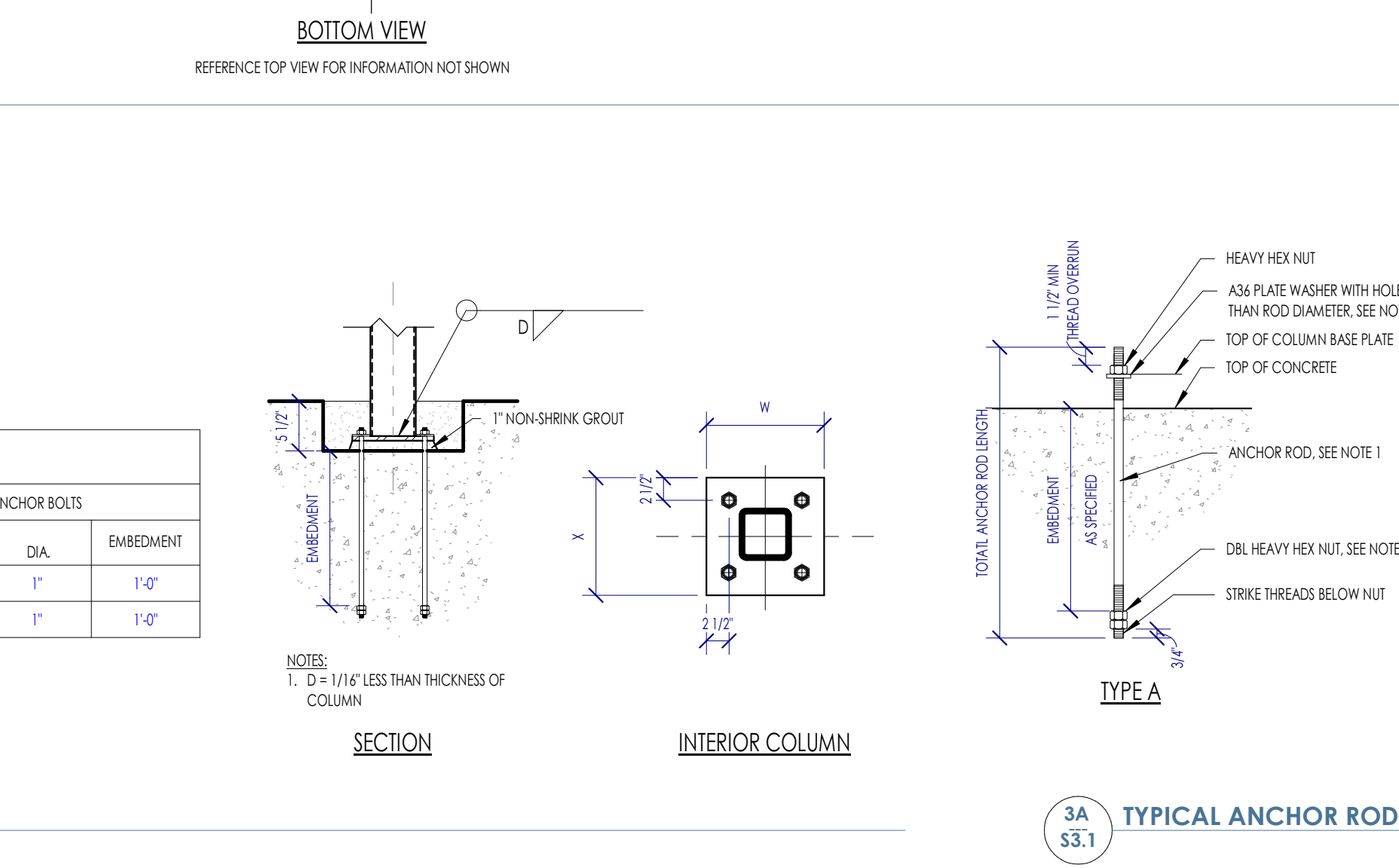
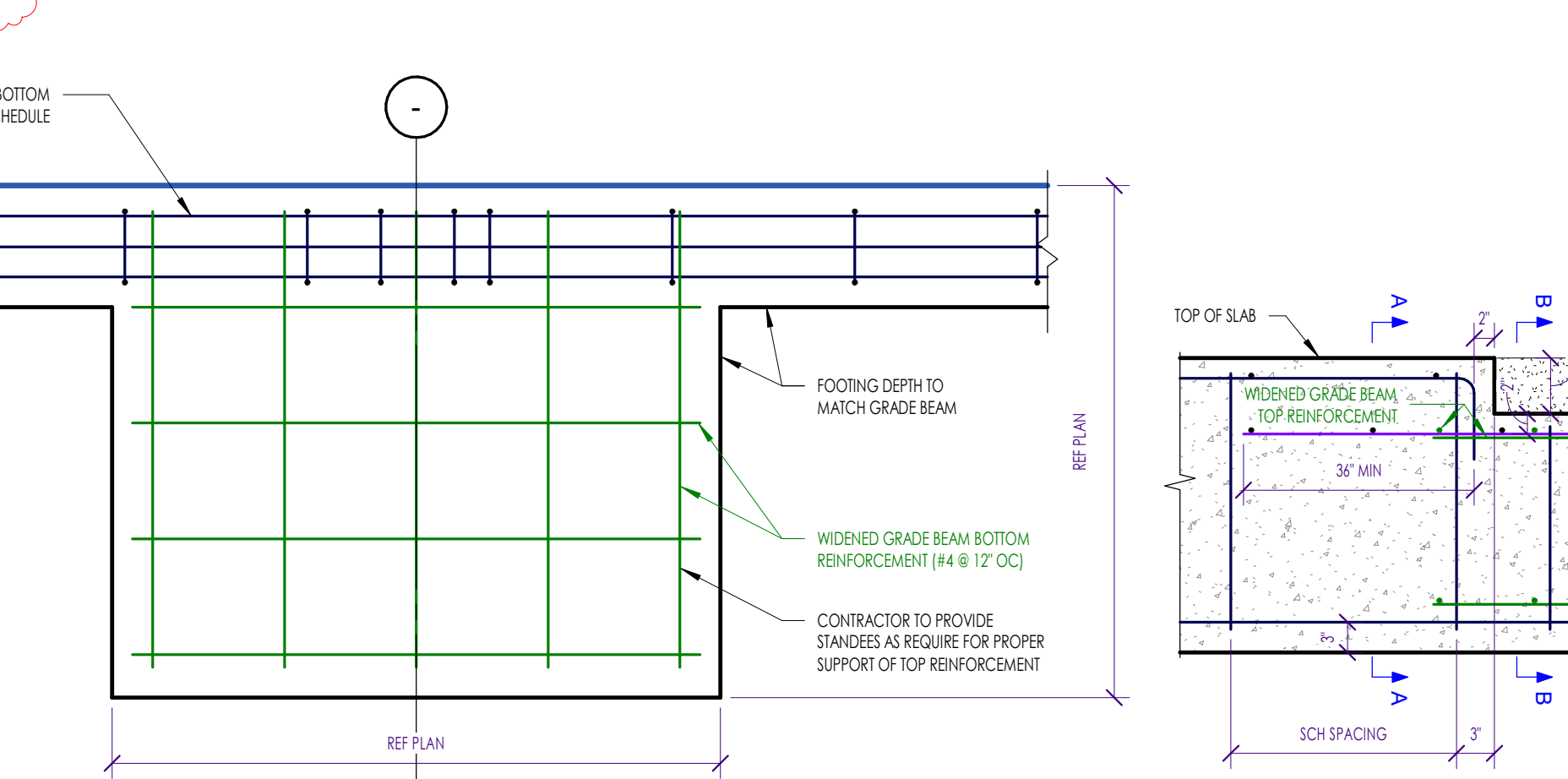
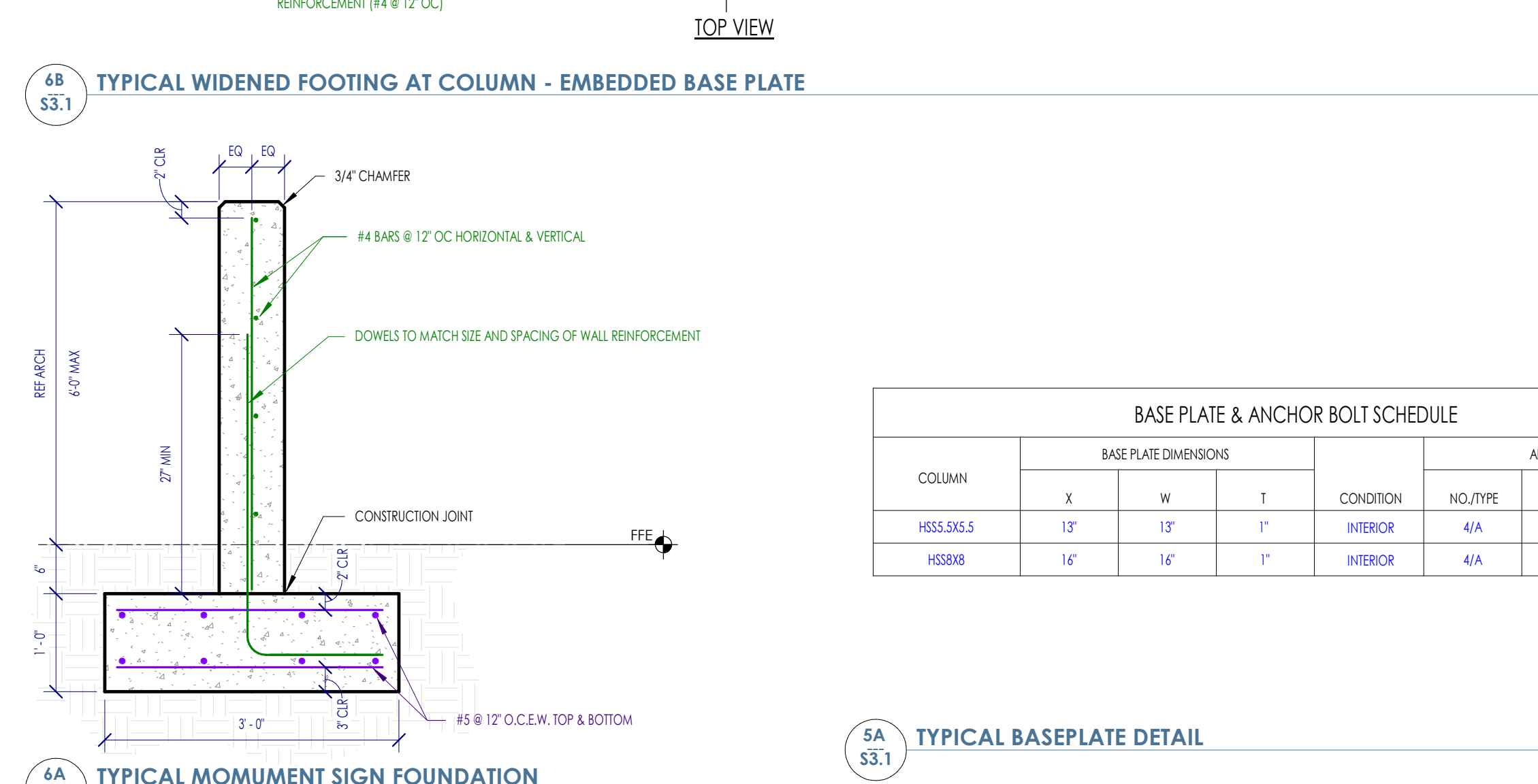
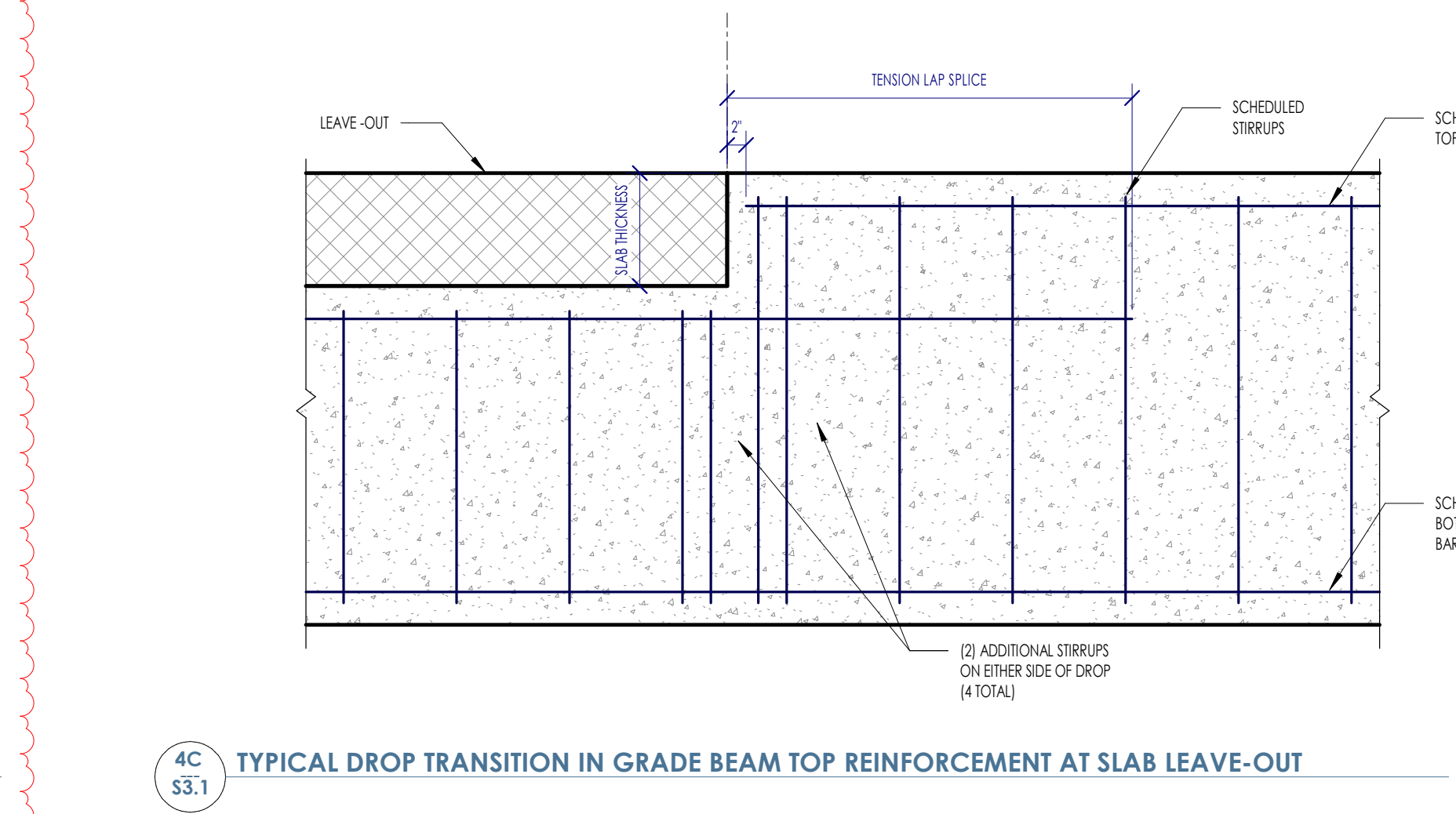
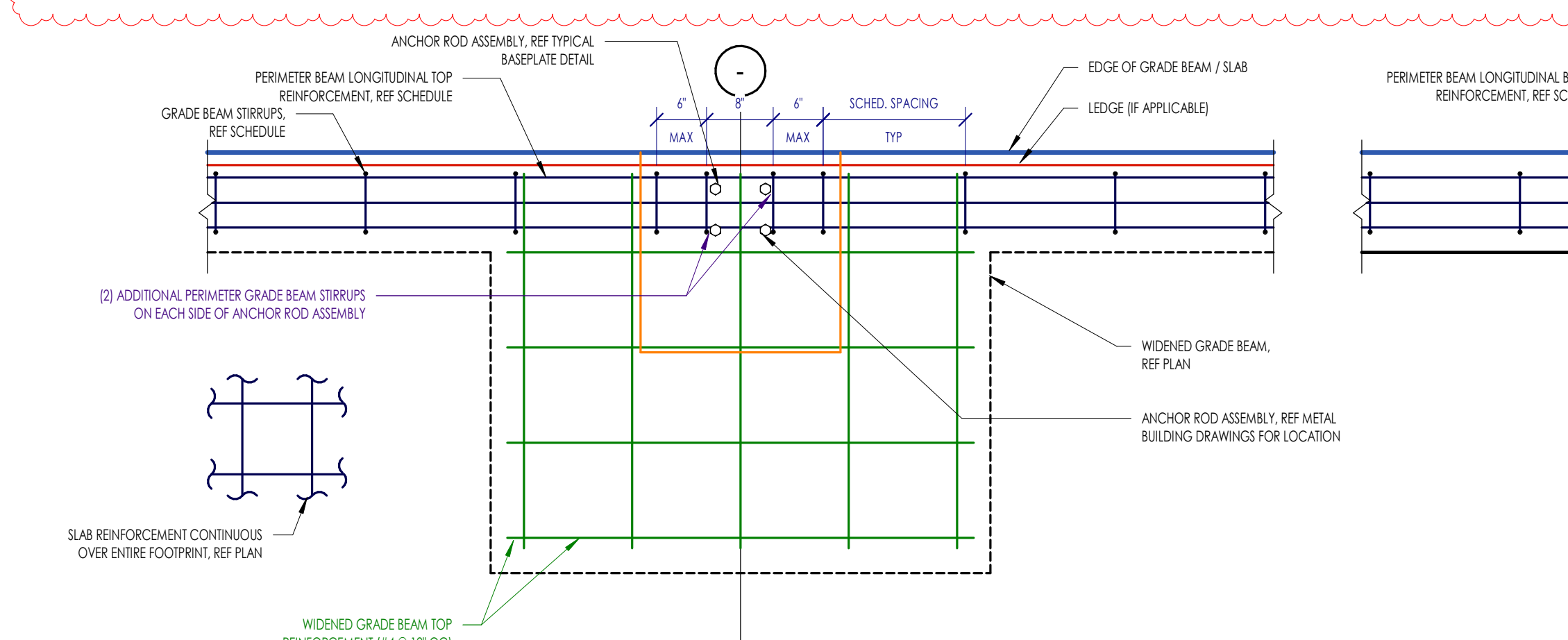
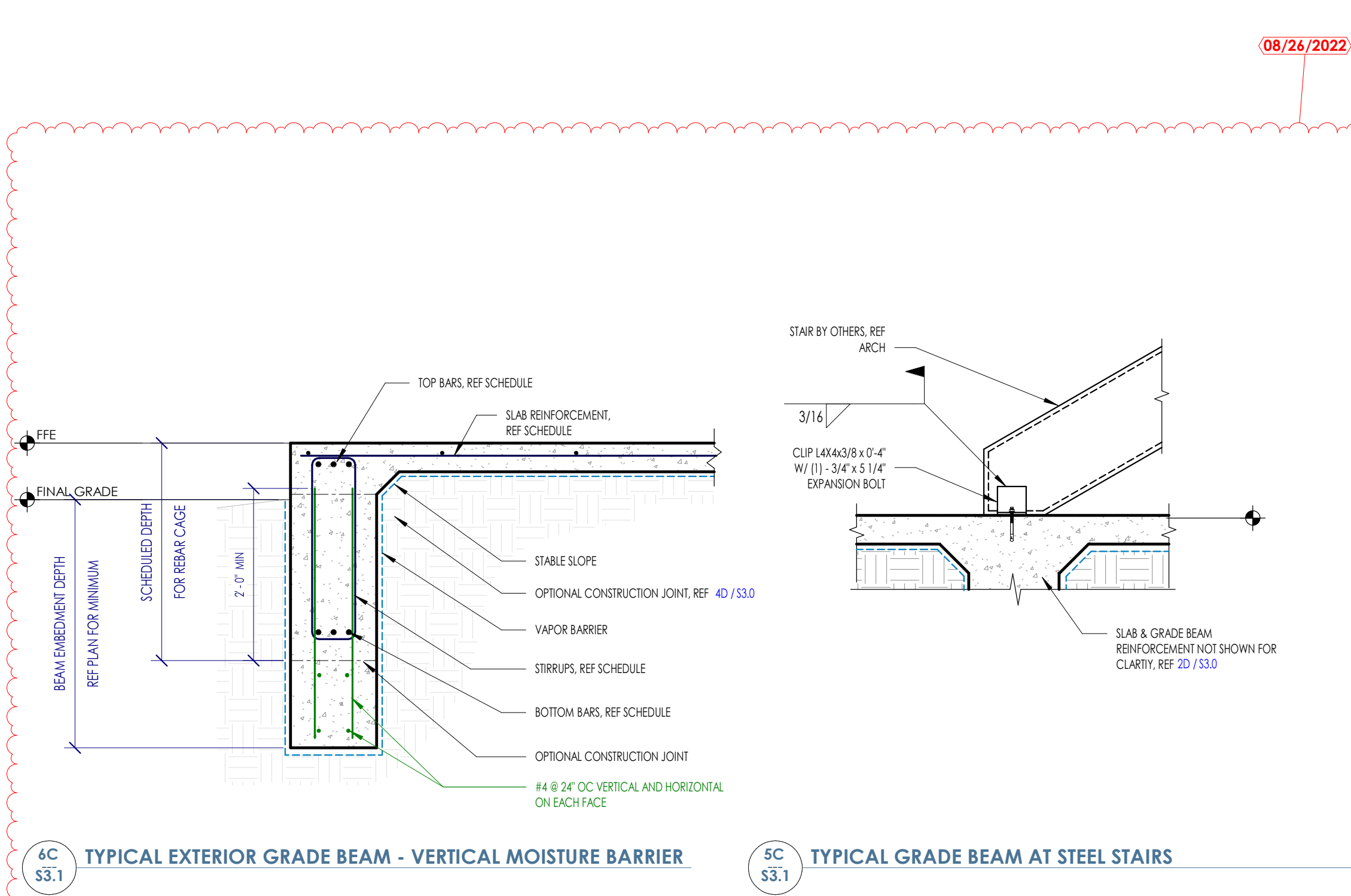
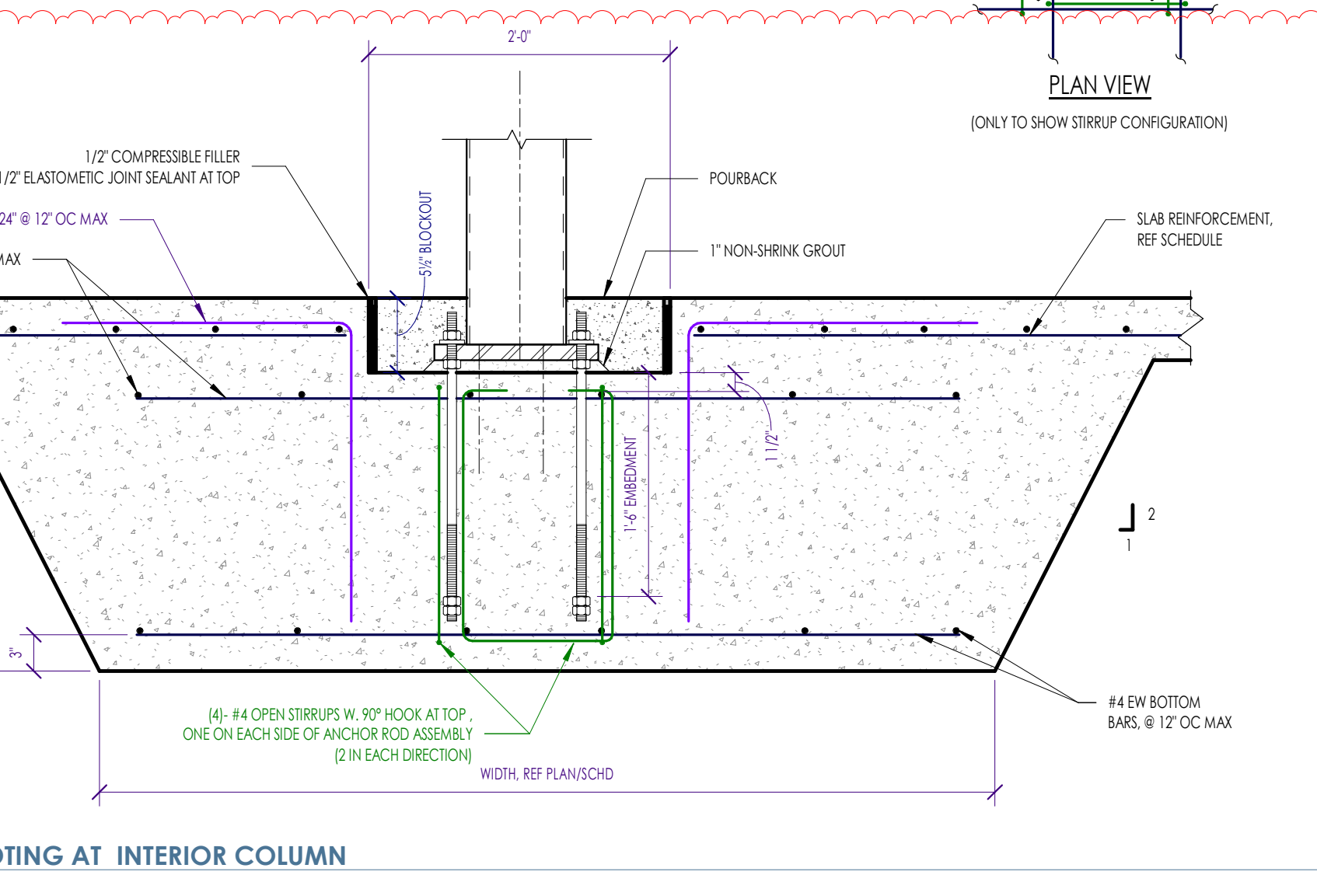
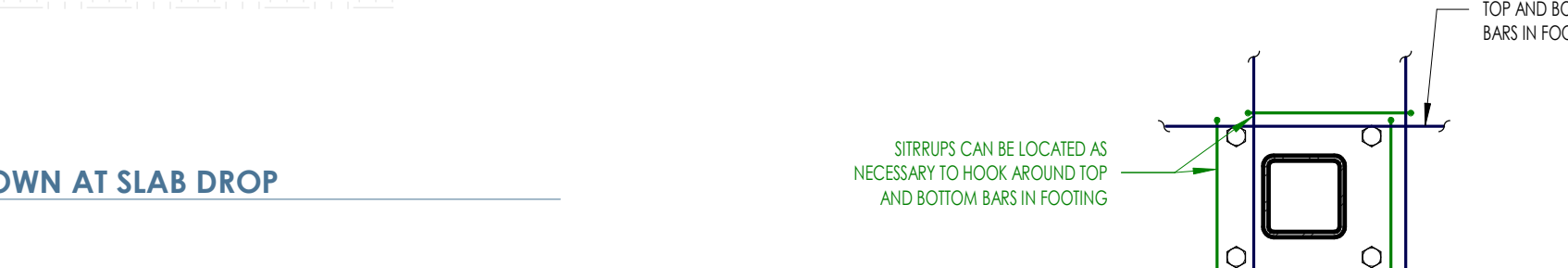
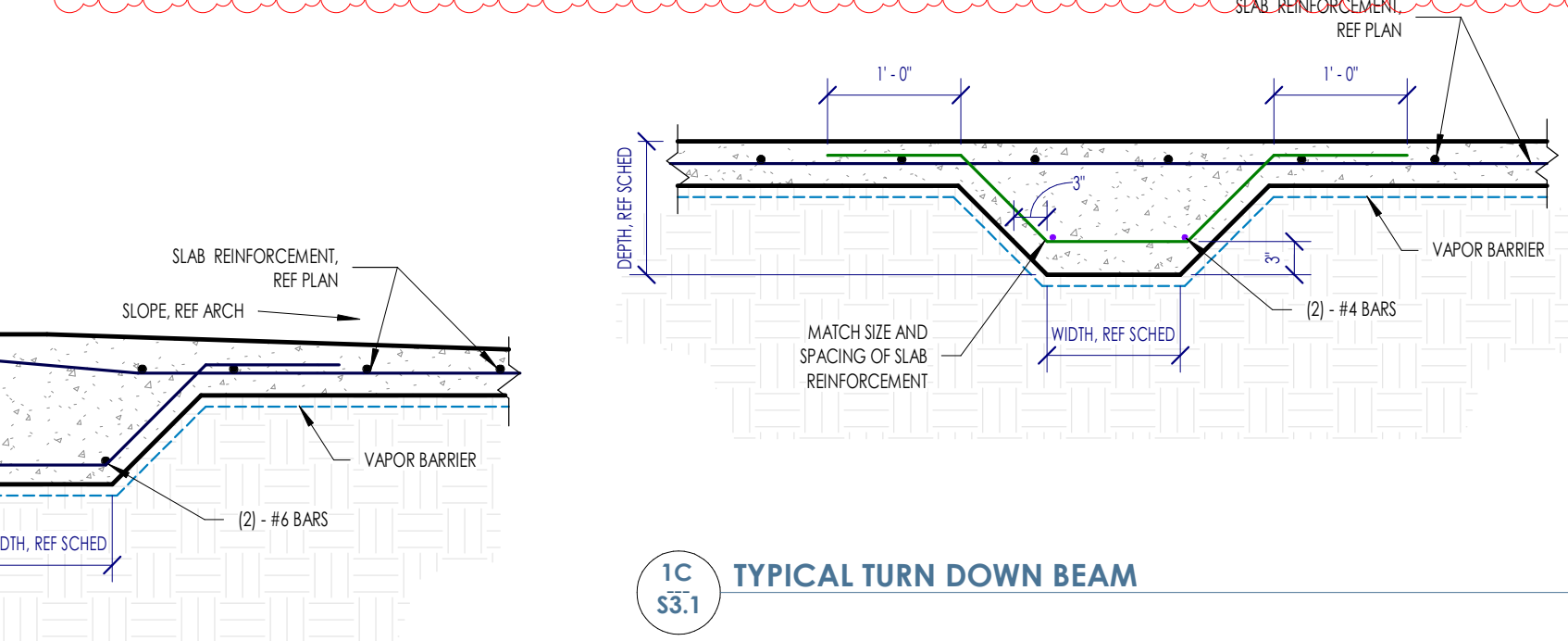
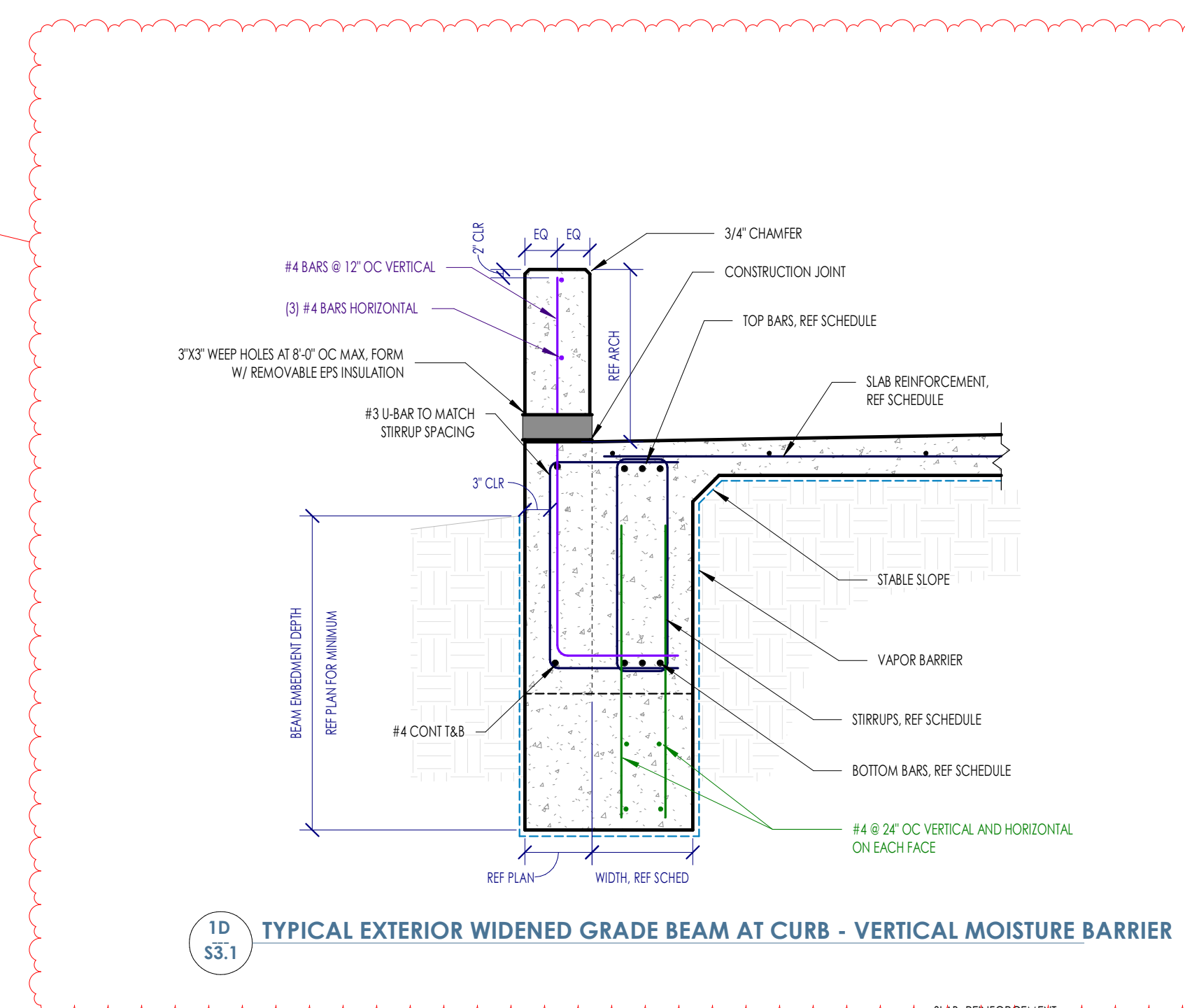


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openingdesign

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

Date	Description
04/02/2022	Review before Permit
08/26/2022	PERMIT REVISIONS



COLUMN	BASE PLATE DIMENSIONS			CONDITION	ANCHOR BOLTS		
	X	W	T		NO./TYPE	DIA.	EMBEDMENT
HSS58x5.3	13"	13"	1"	INTERIOR	4/A	1"	1'-0"
HSS68	16"	16"	1"	INTERIOR	4/A	1"	1'-0"

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 55.1.
 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.

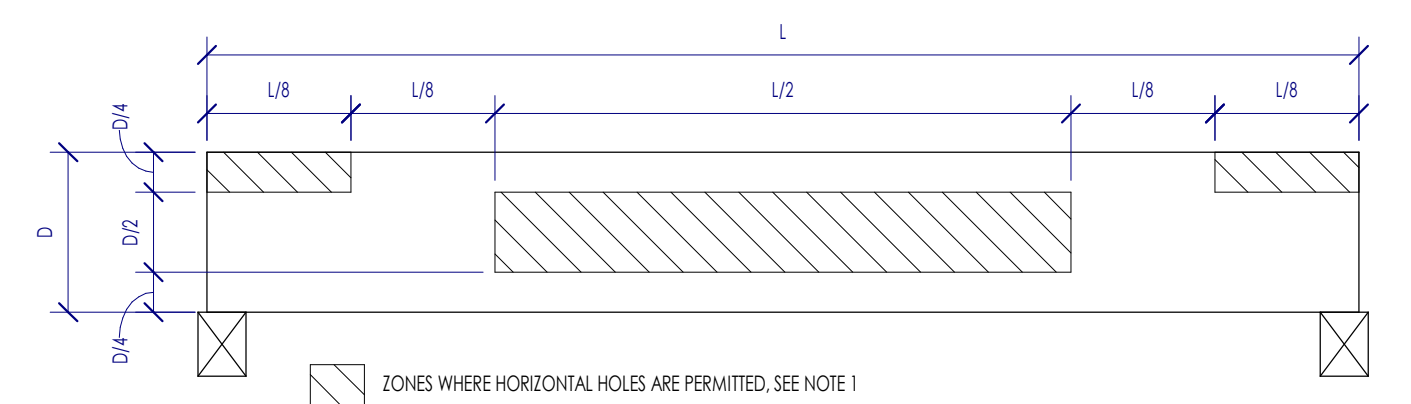
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Date	Description
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08/26/2022	PERMIT REVISIONS

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" 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 3A/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 3A/S4.0	FACE NAIL
9	BLOCKING BETWEEN JOISTS/RAFTERS TO TOP PLATE	(1) - 0.131"Ø X 3" NAILS	TOENAIL
10	BIM 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 2A/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

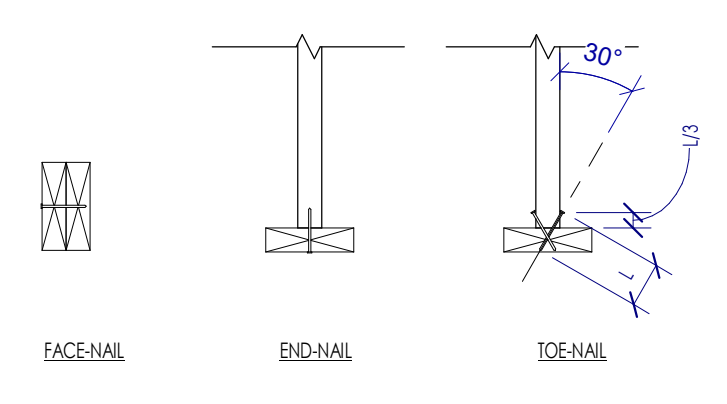
NOTES:
1. THESE CONNECTIONS ARE TO BE APPLIED UNLESS NOTED OTHERWISE IN PLAN SECTION, ELEVATION OR DETAIL VIEWS.

6D S4.0 TYPICAL WOOD FASTENING SCHEDULE

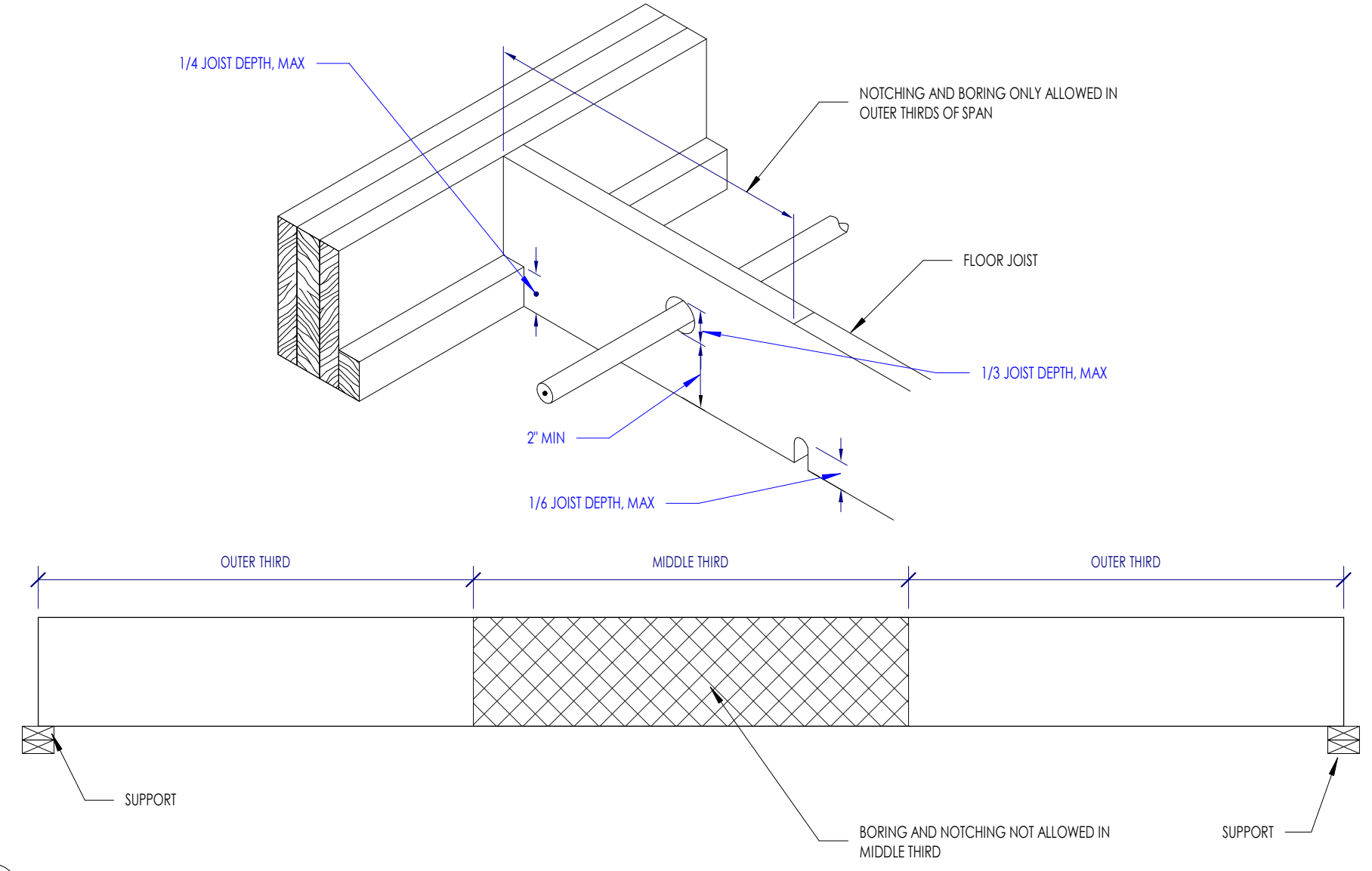


NOTES:
1. HOLE SIZE: THE HOLE DIAMETER SHALL NOT EXCEED 1/4" OR 10% WHICHEVER IS SMALLER.
2. SPACING: FOR LARGER HOLE DIAMETERS OR FOR HOLES OUTSIDE OF THE PERMITTED ZONES, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ECR.
3. LIMITATIONS: THE ABOVE CRITERIA ONLY APPLY TO SIMPLY SUPPORTED, UNIFORMLY LOADED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

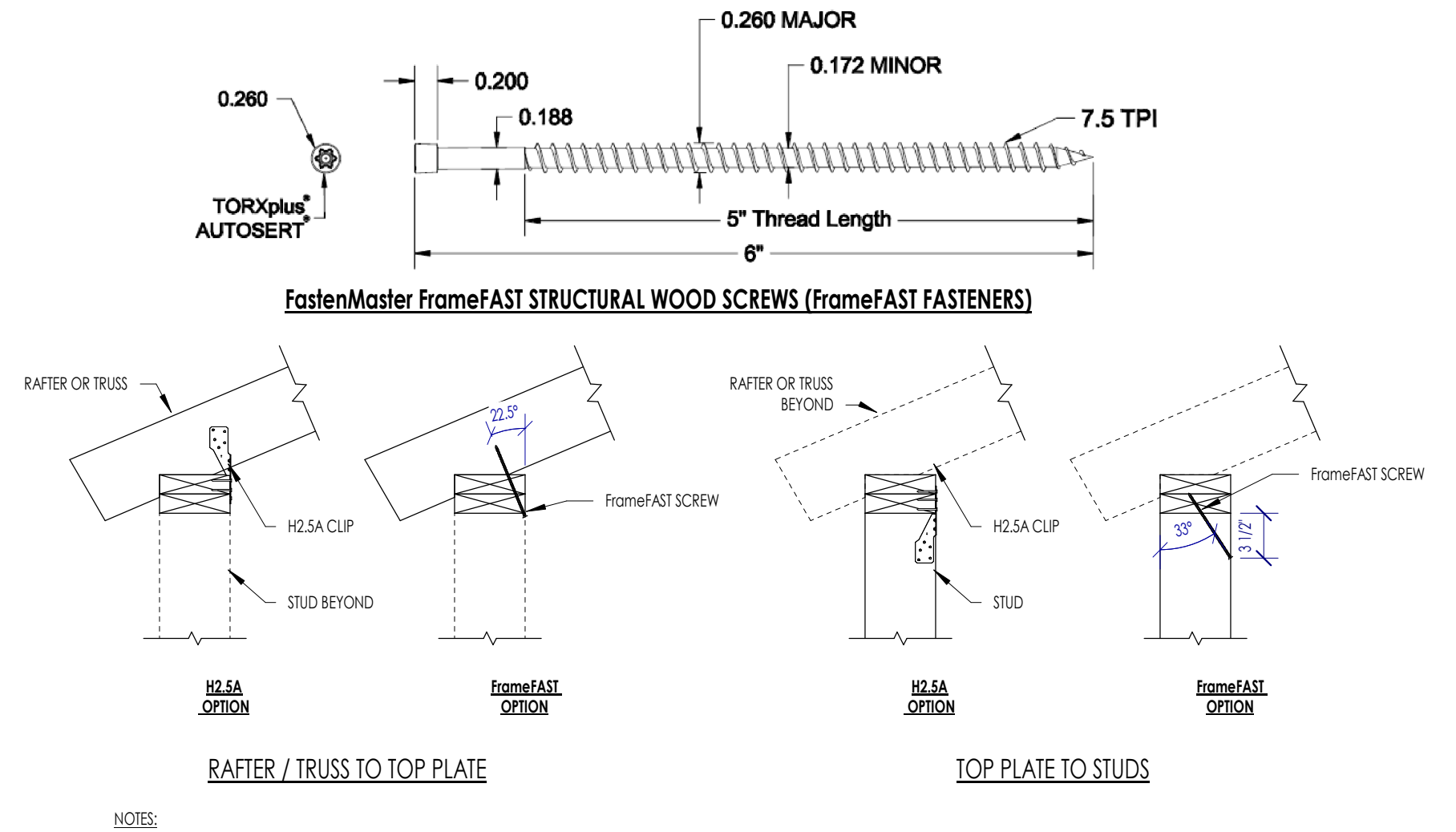
4E S4.0 ALLOWABLE HORIZONTAL HOLE LOCATIONS IN GLUE LAMINATED TIMBER BEAMS



4D S4.0 TYPICAL NAILING CONFIGURATIONS

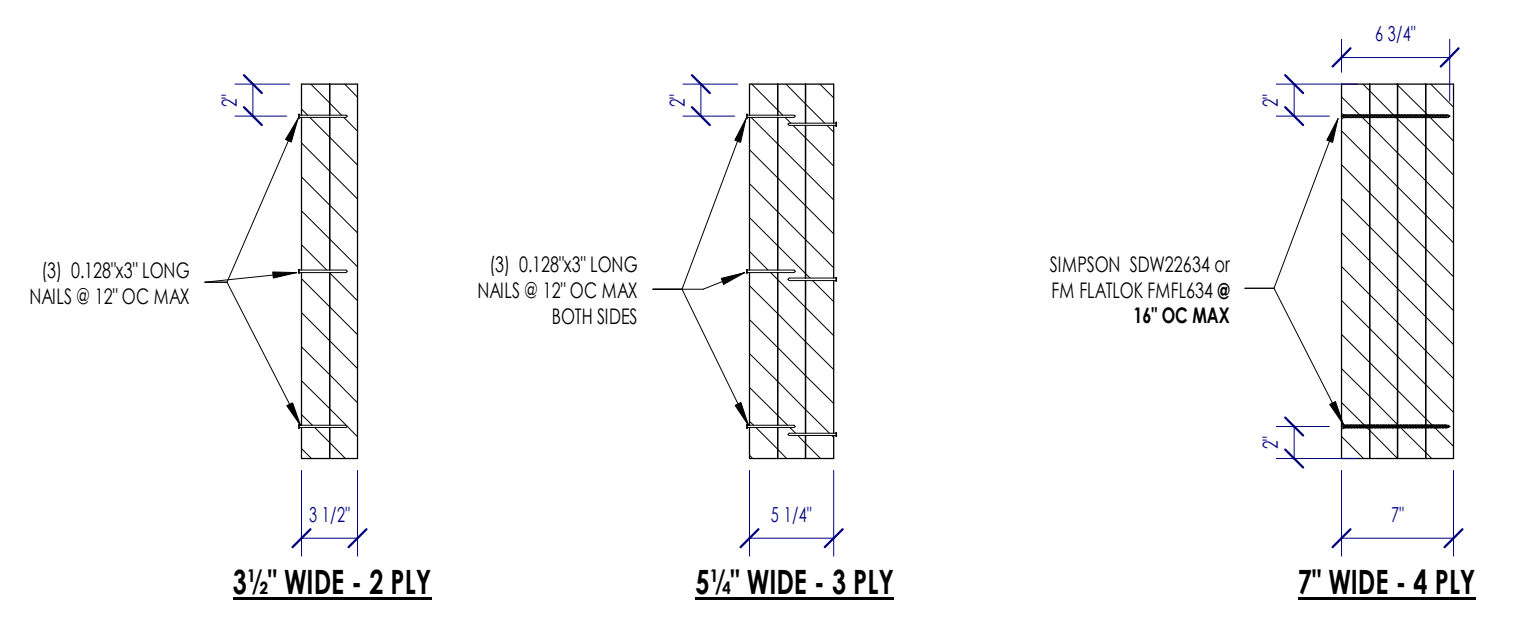


6C S4.0 ALLOWABLE NOTCHING AND BORING OF FLOOR JOISTS



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

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



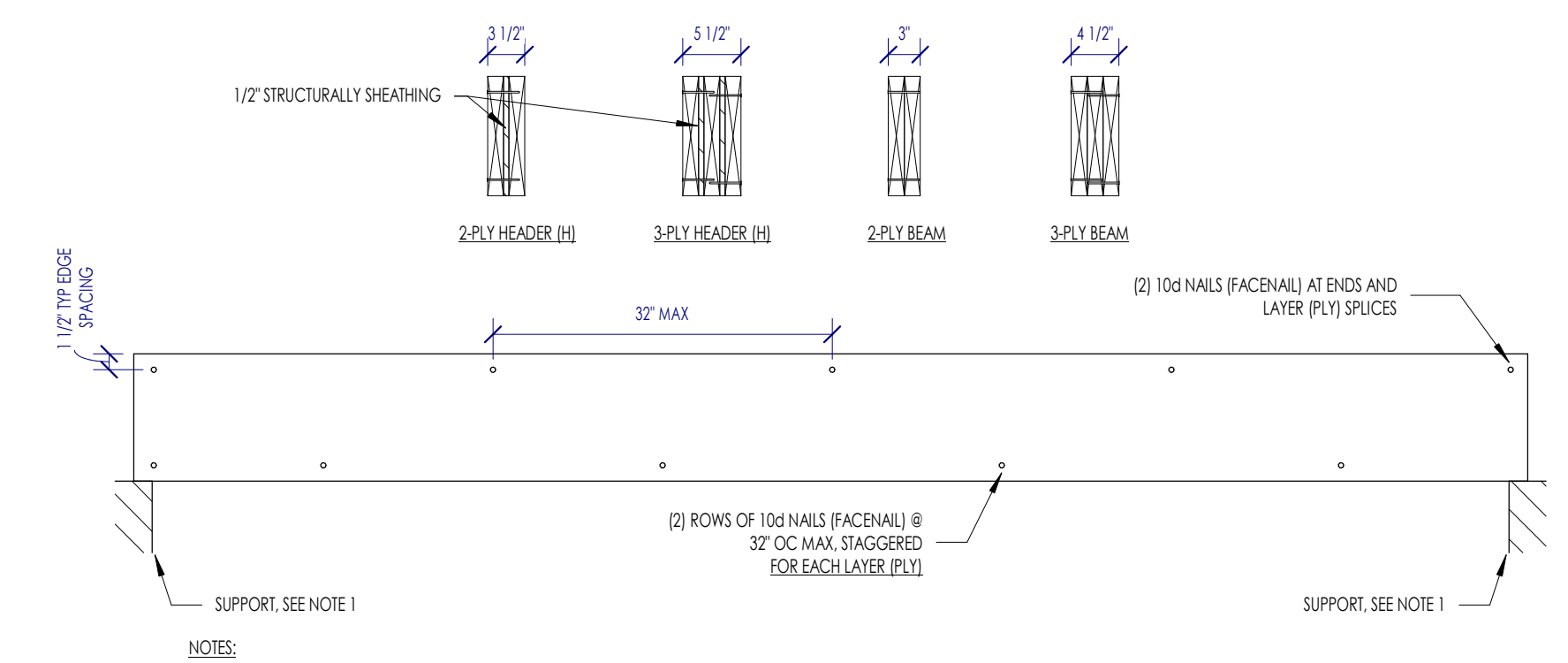
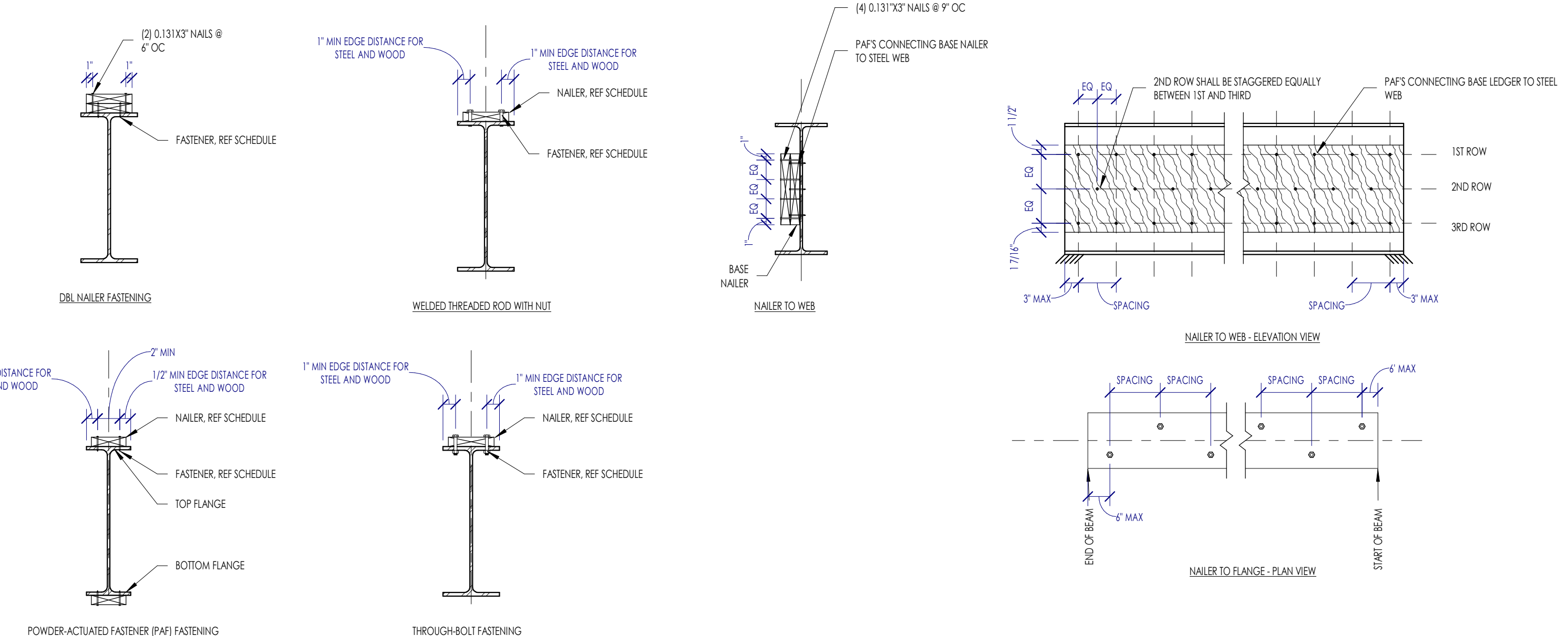
2C S4.0 TYPICAL LVL MULTIPLE PLY FASTENING REQUIREMENTS

FASTENER SCHEDULE - TO BEAM TOP FLANGE			FASTENER SCHEDULE - TO BEAM WEB / BOTTOM FLANGE		
l _c (ft)	PAF FASTENER	BOLT / ROD*	l _c (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 _c ≤ 0.44	D5-47 @ 12" OC	1/2"Ø @ 24" OC	0.35 < l _c ≤ 0.44	(1) - D5-47 @ 12" OC	(2) - 1/2"Ø @ 24" OC
l _c > 0.44	N/A	1/2"Ø @ 12" OC	l _c > 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 ≤ 6.75	2x6
l _c > 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

NOTES:
1. ALL FASTENERS SHALL BE STAGGERED.
2. FASTENER DESCRIPTIONS: ALL FASTENERS ARE POWDER-ACTUATED FASTENERS MFR'D BY HELI, INC.
A. 80147
B. 80147
C. UNIVERSAL KNURLED SHANK FASTENER WITH A SHANK DIAMETER OF 0.157" AND A SHANK LENGTH OF 47 mm (1.85")
D. 80147
E. 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



NOTES:
1. UNLESS NOTED OTHERWISE ON PLAN, REFER TO THE FOLLOWING DETAILS FOR THE SUPPORT FRAMING:
A. SUPPORT FOR HEADERS IN EXTERIOR WALLS 4C/S4.0
B. SUPPORT FOR HEADERS IN INTERIOR WALLS 3B/S4.0
C. SUPPORT FOR BEAMS & GIRDERS SUPPORTED BY WALL - REFERENCE BEAM SCHEDULE
2A S4.0 TYPICAL NAILING BUILT UP BEAMS, GIRDERS & HEADERS

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RENOVATION Wranglers
 Owner: Renovation Wranglers
 102 E 26th St
 Bryan, TX 77803
 kate@renovationwranglers.com | 979.450.9969

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

DUDLEY
 Structural: Dudley
 Firm # 18677
 6102 Imperial Loop Drive
 College Station, TX 77845
 corieka@dudleyeng.com | (979) 777-0720

amc ENGINEERS
 MEP: AMC Engineers
 Texas Firm #9441
 508 E Jackson St # 552
 Burnet, TX 78611
 info@amcengineers.com | 512.535.6427

STATE OF TEXAS
 OKEOGHENE ORIEKA
 137444
 62626
 PROFESSIONAL ENGINEER
 8/26/2022

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

Date	Description
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RENOVATION
Wranglers

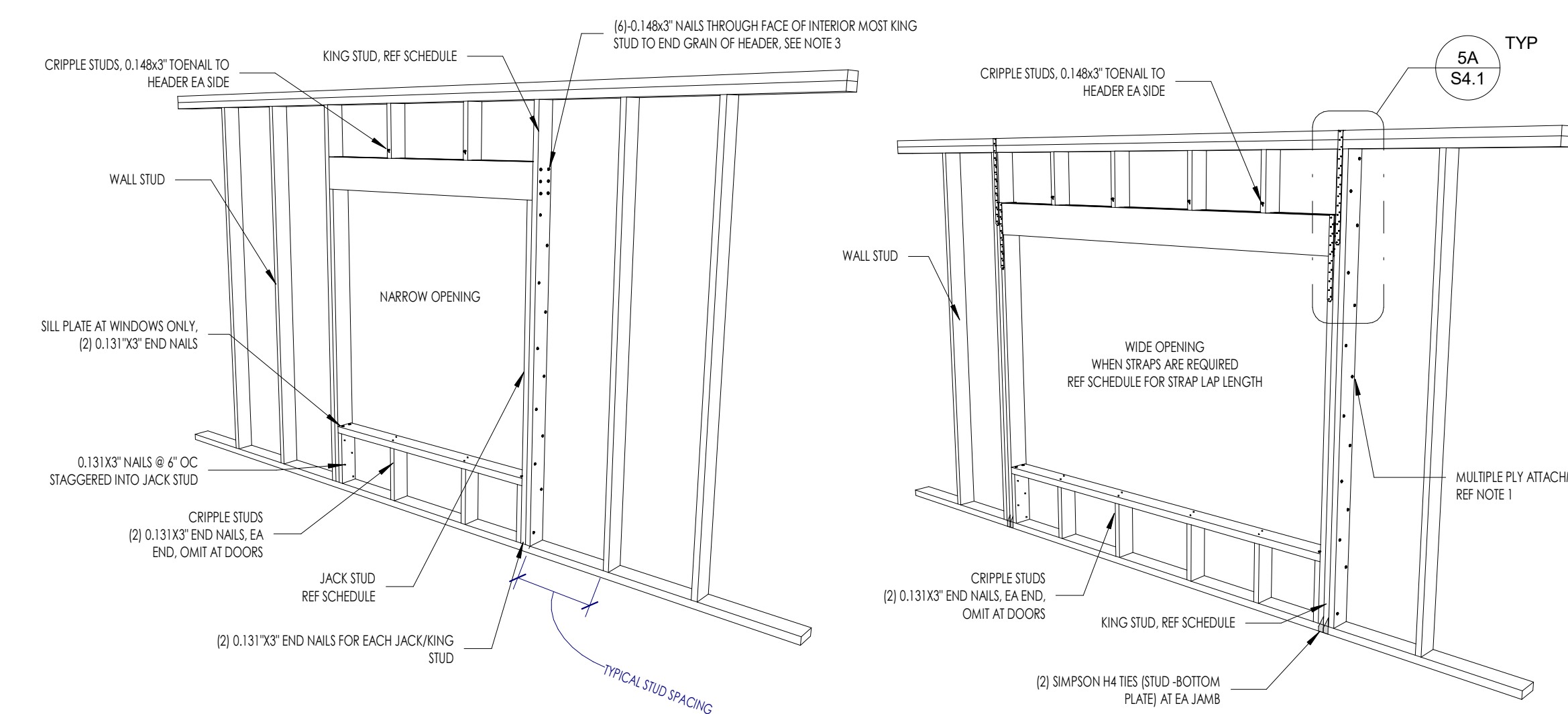
Owner: Renovation Wranglers
102 E 26th St
Bryan, TX 77803
kate@renovationwranglers.com | 979.450.9969

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

DUDLEY
Structural: Dudley
Firm # 18677
6102 Imperial Loop Drive
College Station, TX 77845
corieka@dudleyeng.com | (979) 777-0720

amc
ENGINEERS
MEP: AMC Engineers
Texas Firm #9441
508 E Jackson St # 552
Burrket, TX 78611
info@amcengineers.com | 512.535.6427

STATE OF TEXAS
OKEOGHENE ORIEKA
137444
PROFESSIONAL ENGINEER
8/26/2022



2X4 STUD WALL

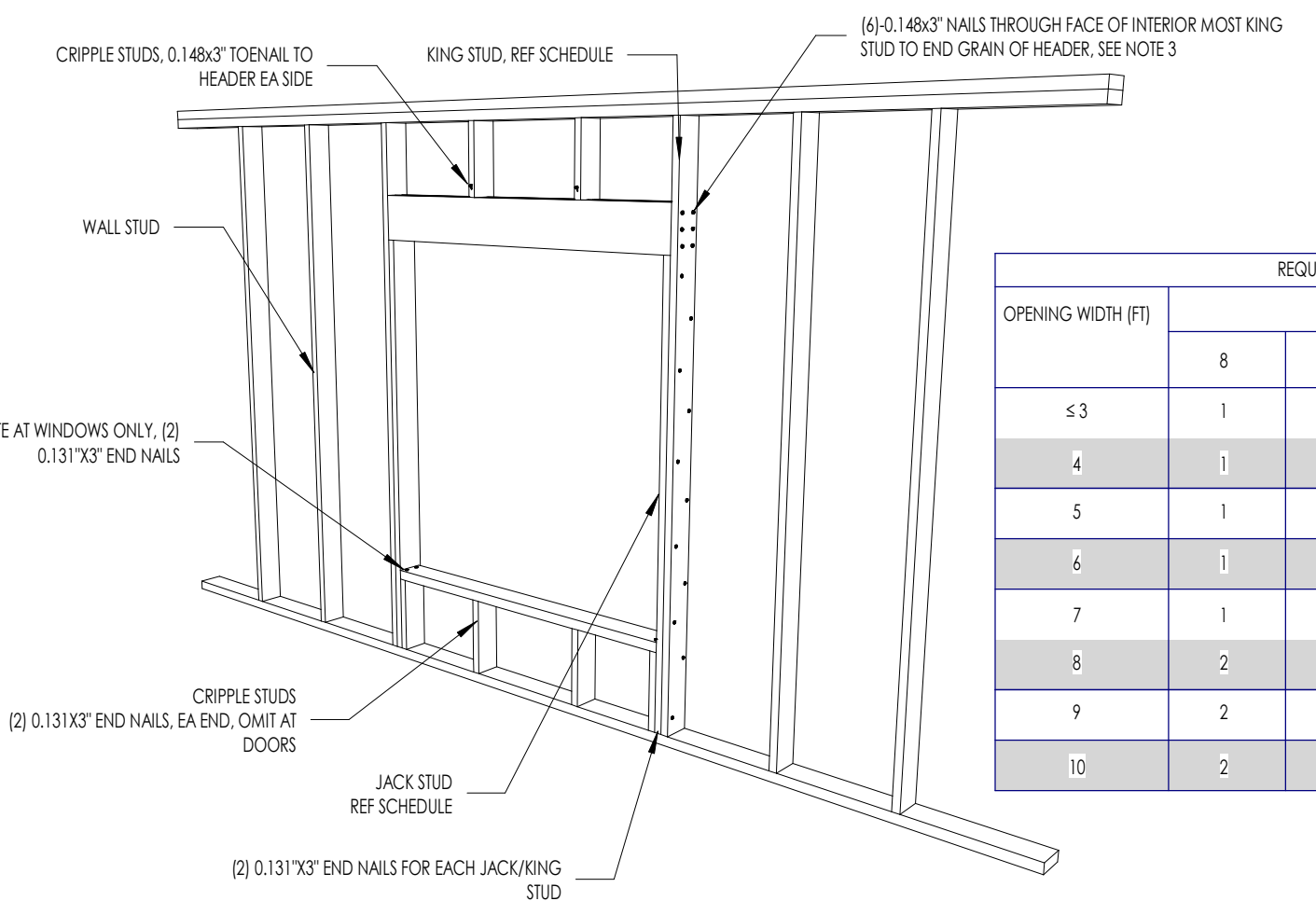
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	STRAP LAP LENGTH (IN)
	PLATE HEIGHT (FT)					
	8	9	10	11	12	
≤3	1	1	1	2	2	1
4	1	1	2	2	2	1
5	2	2	2	3	3	1
6	2	2	3	3	3	1
7	2	2	3	3	4	1
8	3	3	3	4	4	2
9	3	3	4	4	4	2
10	3	3	4	4	4	2

2X6 STUD WALL

OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	STRAP LAP LENGTH (IN)
	PLATE HEIGHT (FT)					
	8	9	10	11	12	
≤3	1	1	1	1	1	1
4	1	1	1	1	1	1
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. NAILS 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 S4.1 TYPICAL EXTERIOR OPENING FRAMING



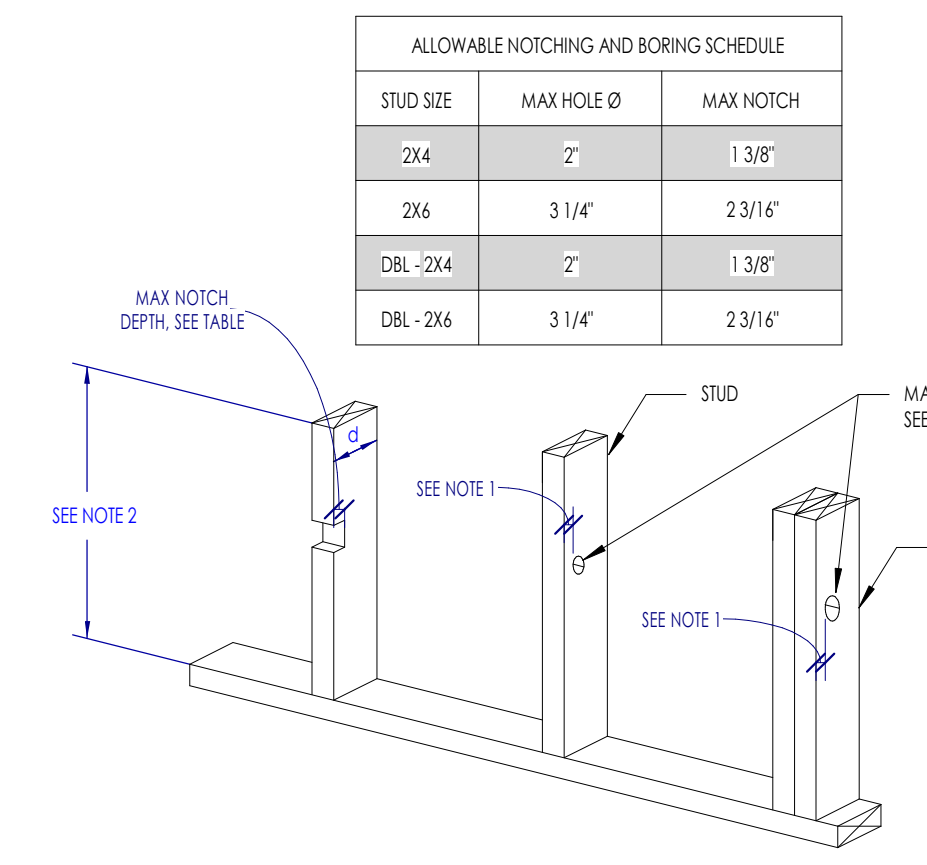
LOAD BEARING WALL

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

NON-LOAD BEARING WALL

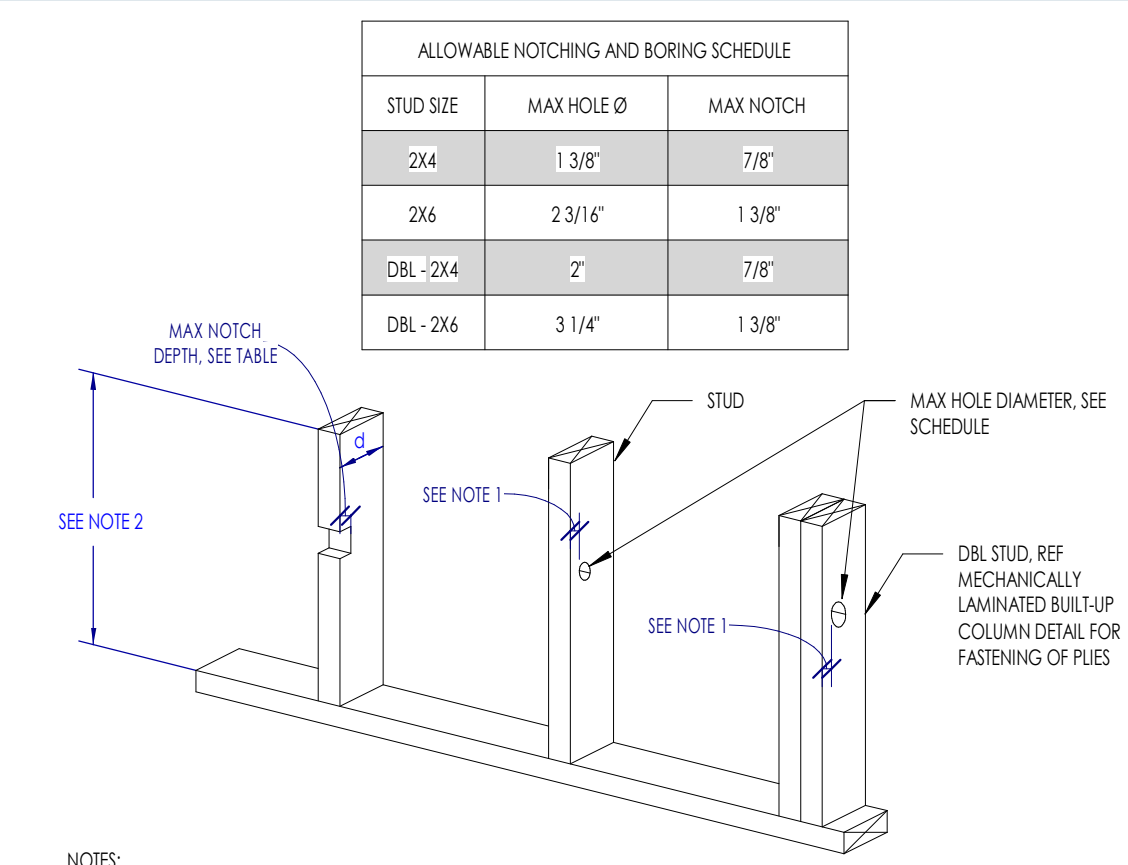
OPENING WIDTH (FT)	REQUIRED NO. OF KING STUDS				NO. JACK STUDS	HEADER SIZE
	PLATE HEIGHT (FT)					
	8	9	10	11	12	
≤3	1	1	1	1	1	2X4 STUD WALL
4	1	1	1	1	1	2X4 STUD WALL
5	1	1	1	2	2	2X4 STUD WALL
6	1	1	2	2	2	2X4 STUD WALL
7	1	1	2	2	3	2X4 STUD WALL
8	2	2	2	3	3	2X10H
9	2	2	3	3	3	2X10H
10	2	2	3	3	3	2X10H

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



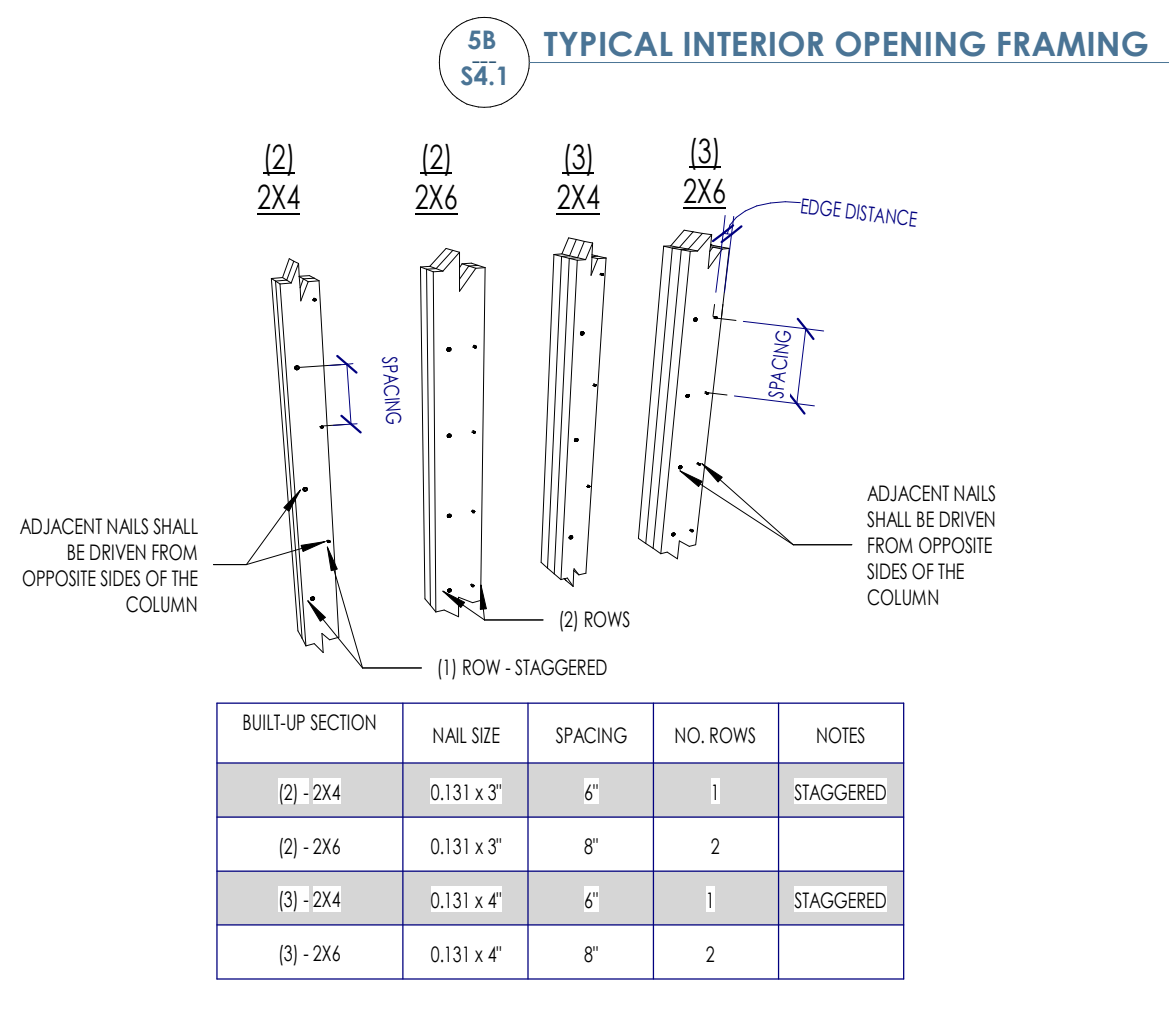
- NOTES:
1. MIN. S/P CLEAR EDGE DISTANCE.
2. NOTCHES IN EITHER SIDE OF A STUD SHALL NOT BE LOCATED WITHIN THE MIDDLE THIRD OF THE STUD LENGTH.
3. NOTCHES AND BORINGS SHALL NOT OCCUR IN THE SAME CROSS SECTION.

2B S4.1 ALLOWABLE STUD NOTCHING AND BORING IN INTERIOR NON-LOAD BEARING WALLS



- NOTES:
1. MIN. S/P 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.

1B S4.1 ALLOWABLE STUD NOTCHING AND BORING IN EXTERIOR & LOAD BEARING WALLS



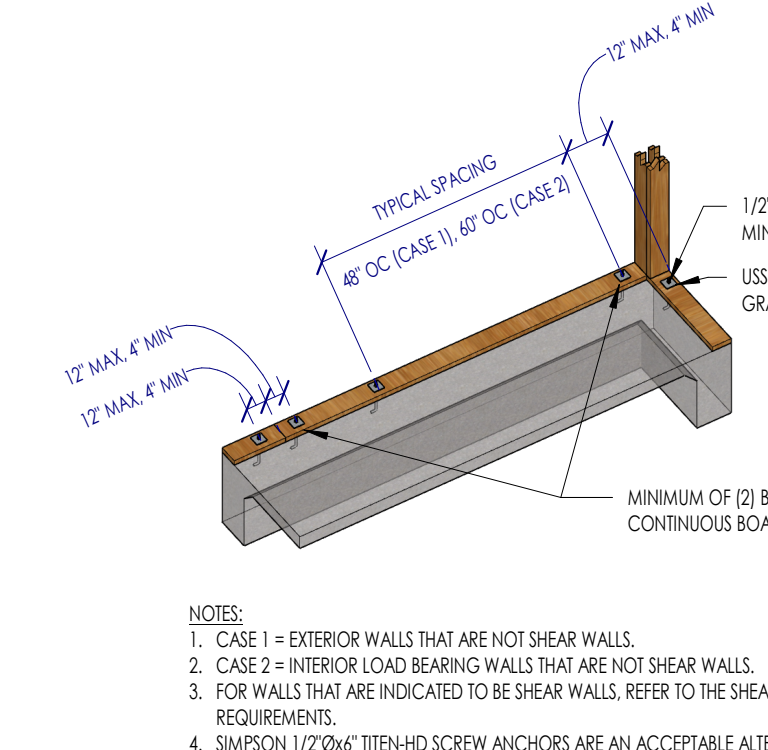
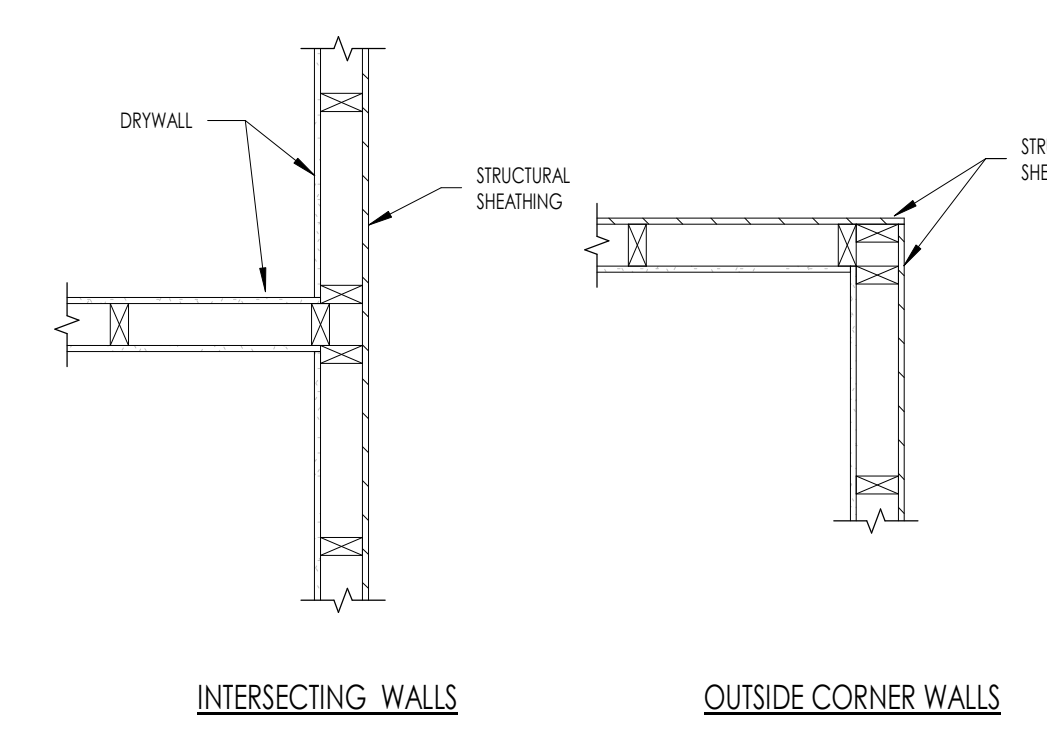
6A S4.1 MECHANICALLY LAMINATED BUILT-UP COLUMN (STUD PACK) - NAILED

5A S4.1 TYPICAL STRAP AT WIDE EXTERIOR OPENINGS

4A S4.1 TYPICAL CORNER AND INTERSECTION WALL STUDS (NOT AT SHEAR WALL)

3A S4.1 TYPICAL LOAD BEARING / SHEAR WALL DOUBLE TOP PLATE SPLICE

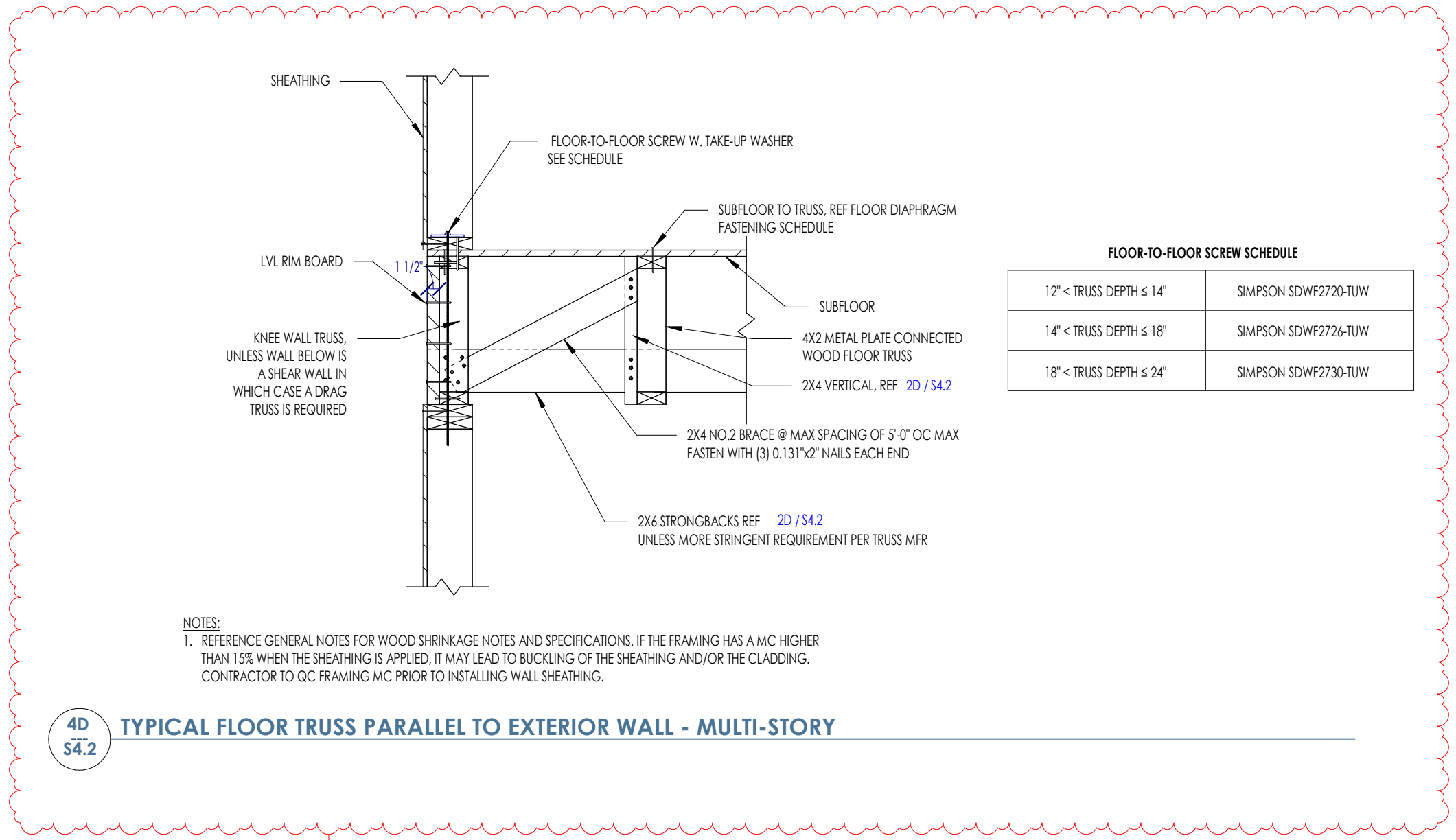
2A S4.1 TYPICAL BOTTOM PLATE ANCHORAGE



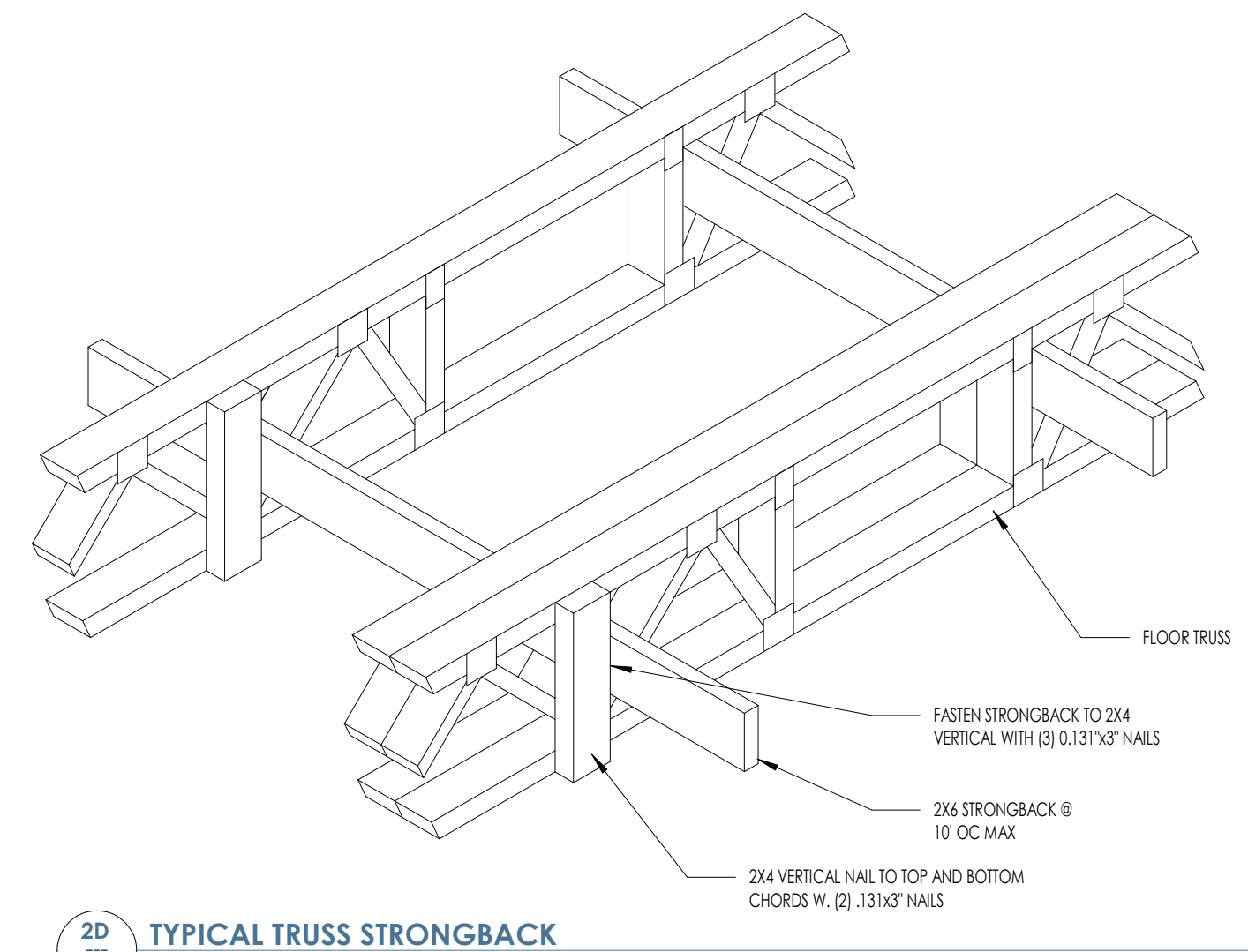
- NOTES:
1. CASE 1 - EXTERIOR WALLS THAT ARE NOT SHEAR WALLS.
2. CASE 2 - INTERIOR LOAD BEARING WALLS THAT ARE NOT SHEAR WALLS.
3. FOR WALLS THAT ARE INDICATED TO BE SHEAR WALLS, REFER TO THE SHEAR WALL SCHEDULE FOR ANCHORAGE REQUIREMENTS.
4. SIMPSON 1/2"x6" THIN HD SCREW ANCHORS ARE AN ACCEPTABLE ALTERNATIVE TO THE BOLTS.

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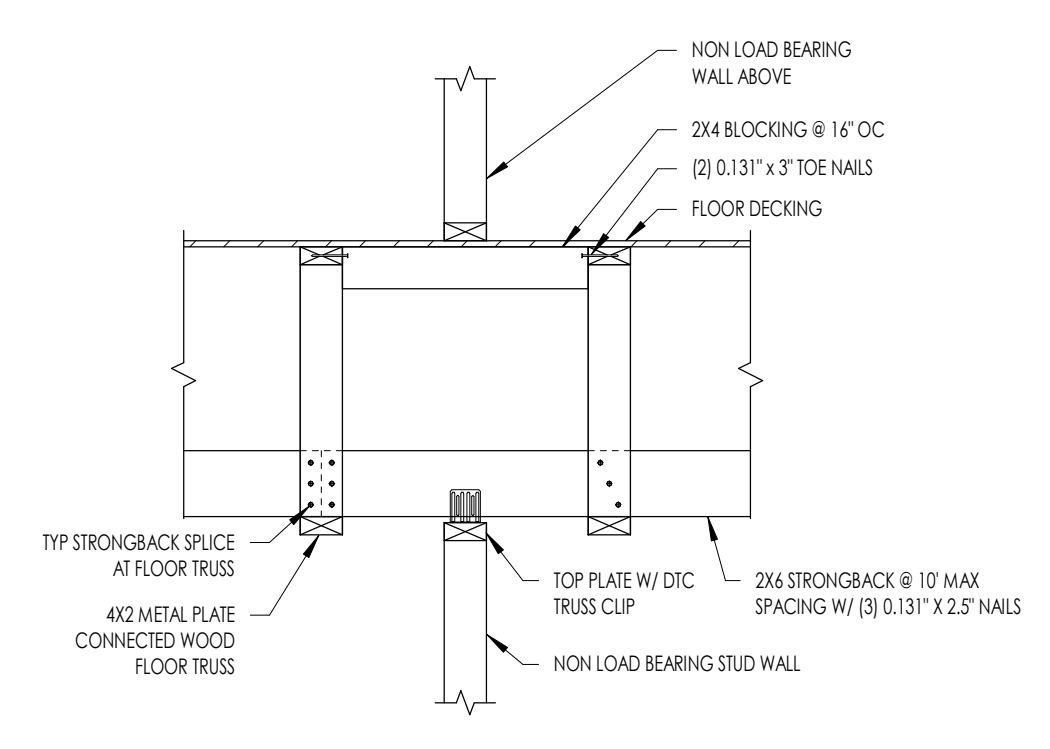
Date	Description
08/22/2022	Review before Permit
08/26/2022	PERMIT REVISIONS



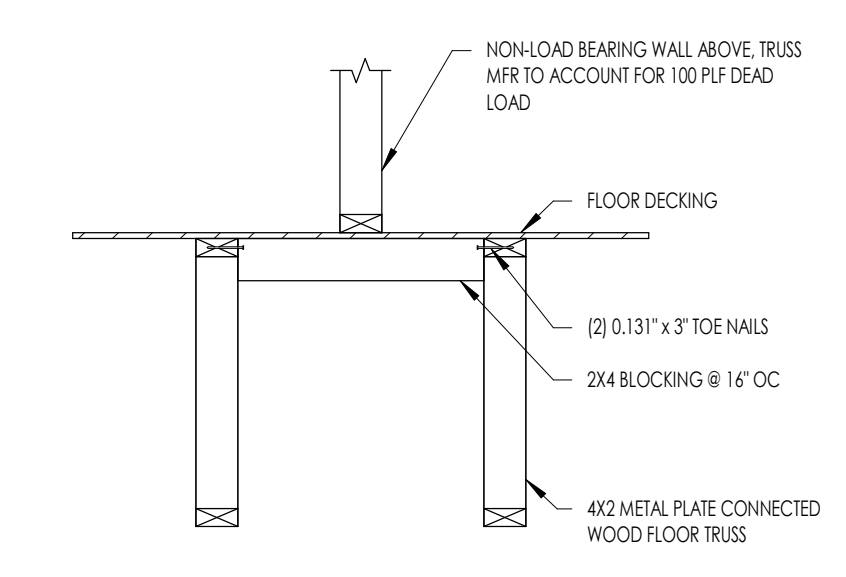
4D S4.2 TYPICAL FLOOR TRUSS PARALLEL TO EXTERIOR WALL - MULTI-STORY



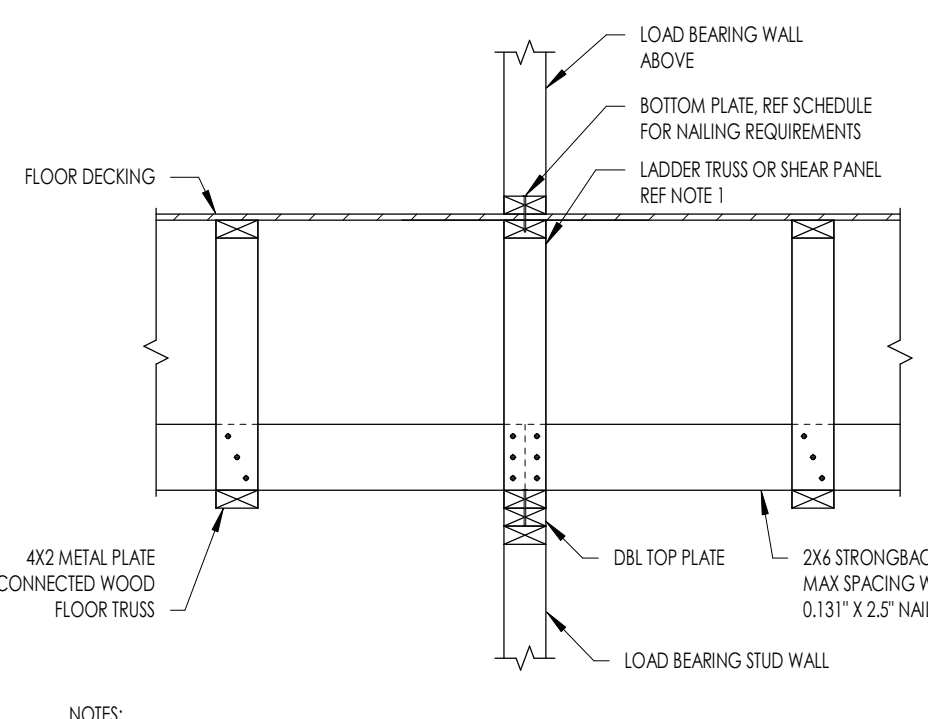
2D S4.2 TYPICAL TRUSS STRONGBACK



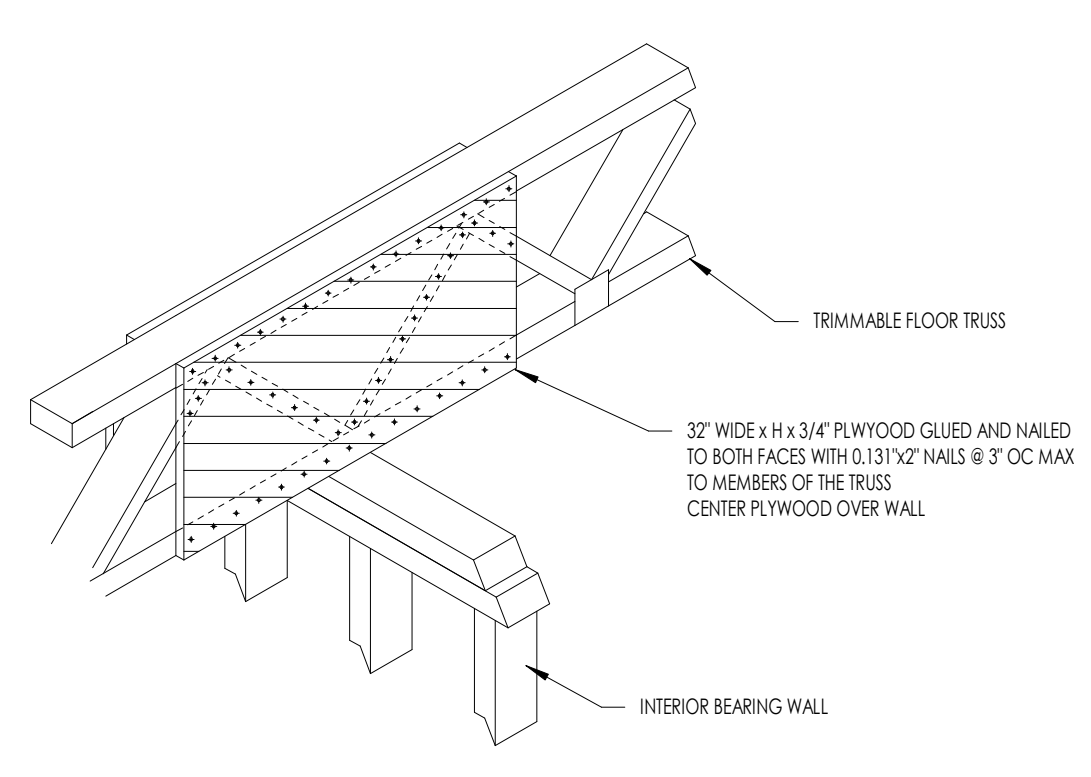
5C S4.2 TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES



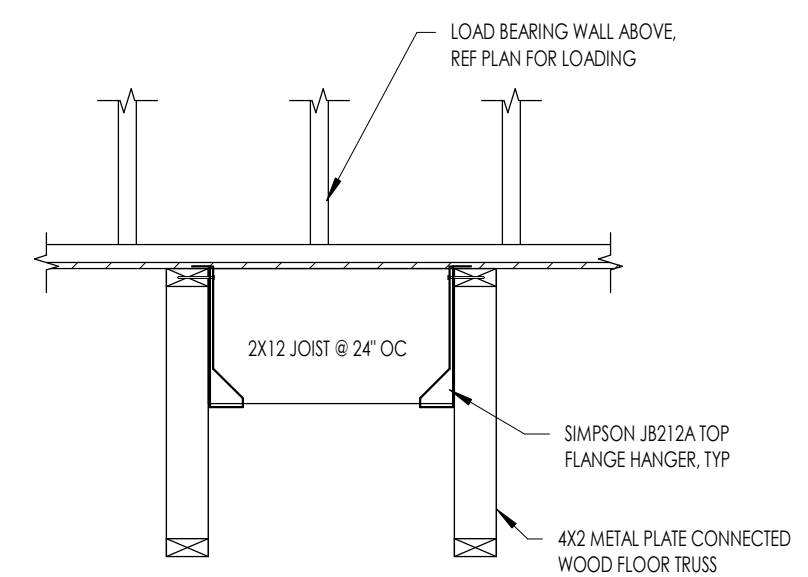
2C S4.2 TYPICAL NON-LOAD BEARING WALL PARALLEL TO FLOOR TRUSS



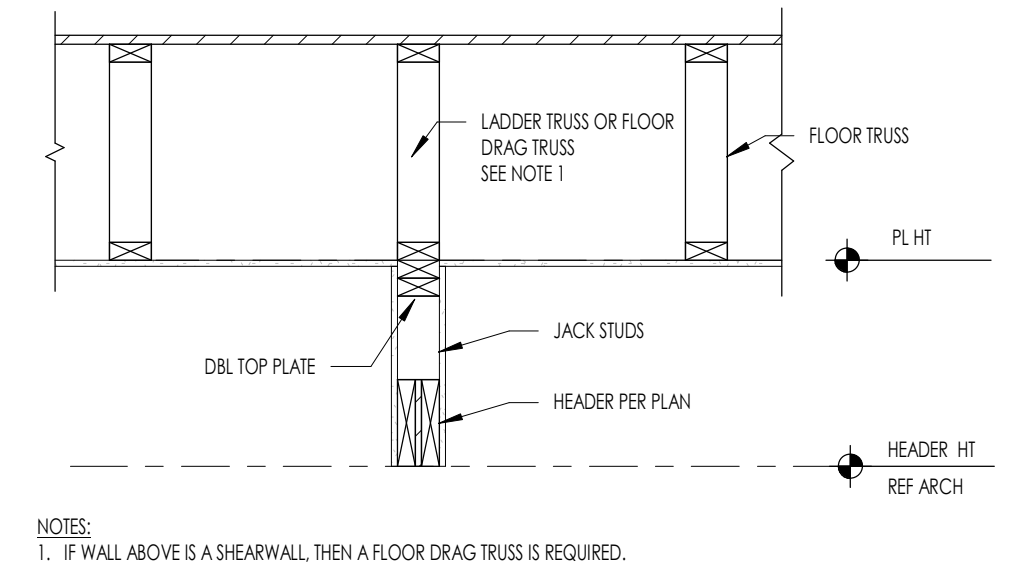
1C S4.2 TYPICAL LOAD BEARING WALL PARALLEL TO FLOOR TRUSSES



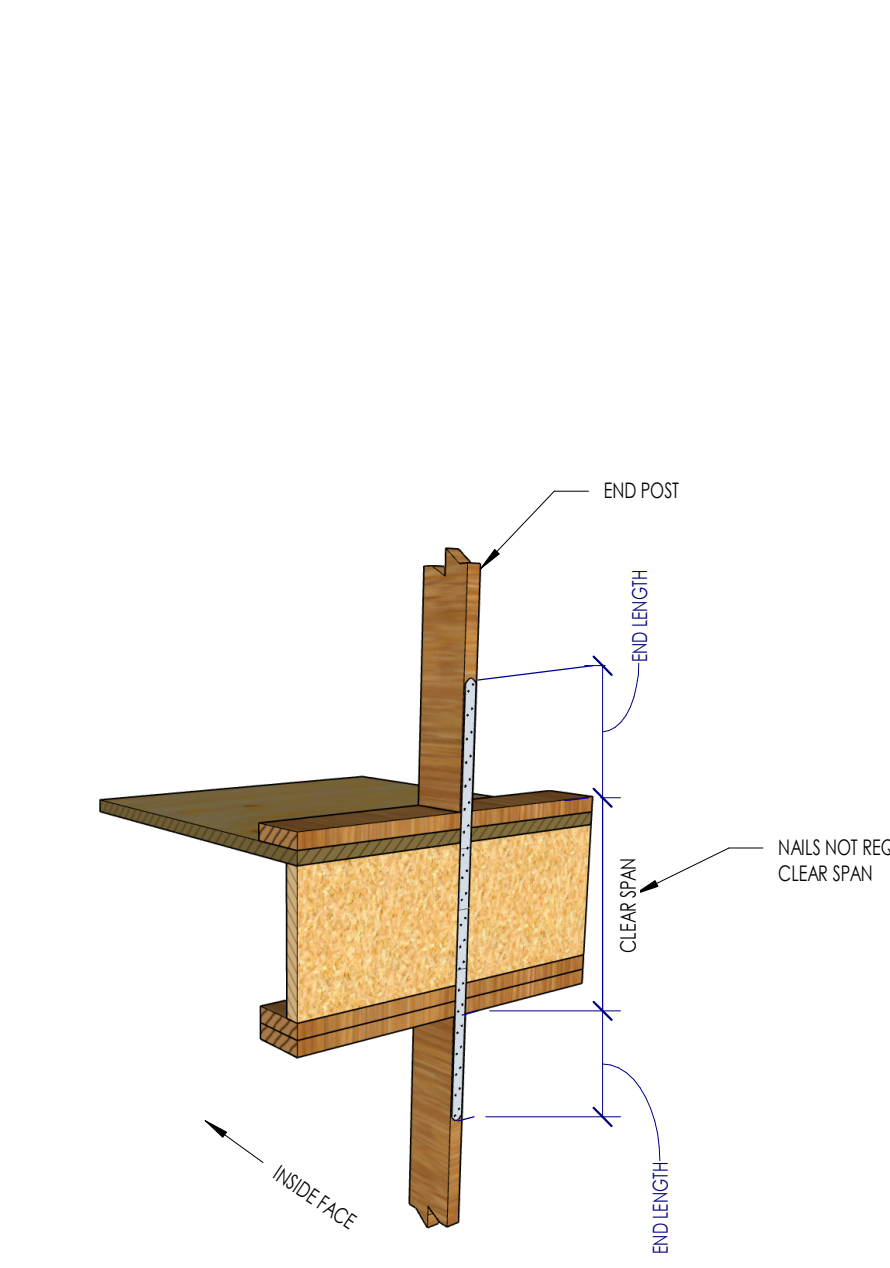
1B S4.2 TYPICAL TRIMMABLE TRUSS STIFFENING AT INTERIOR SUPPORT



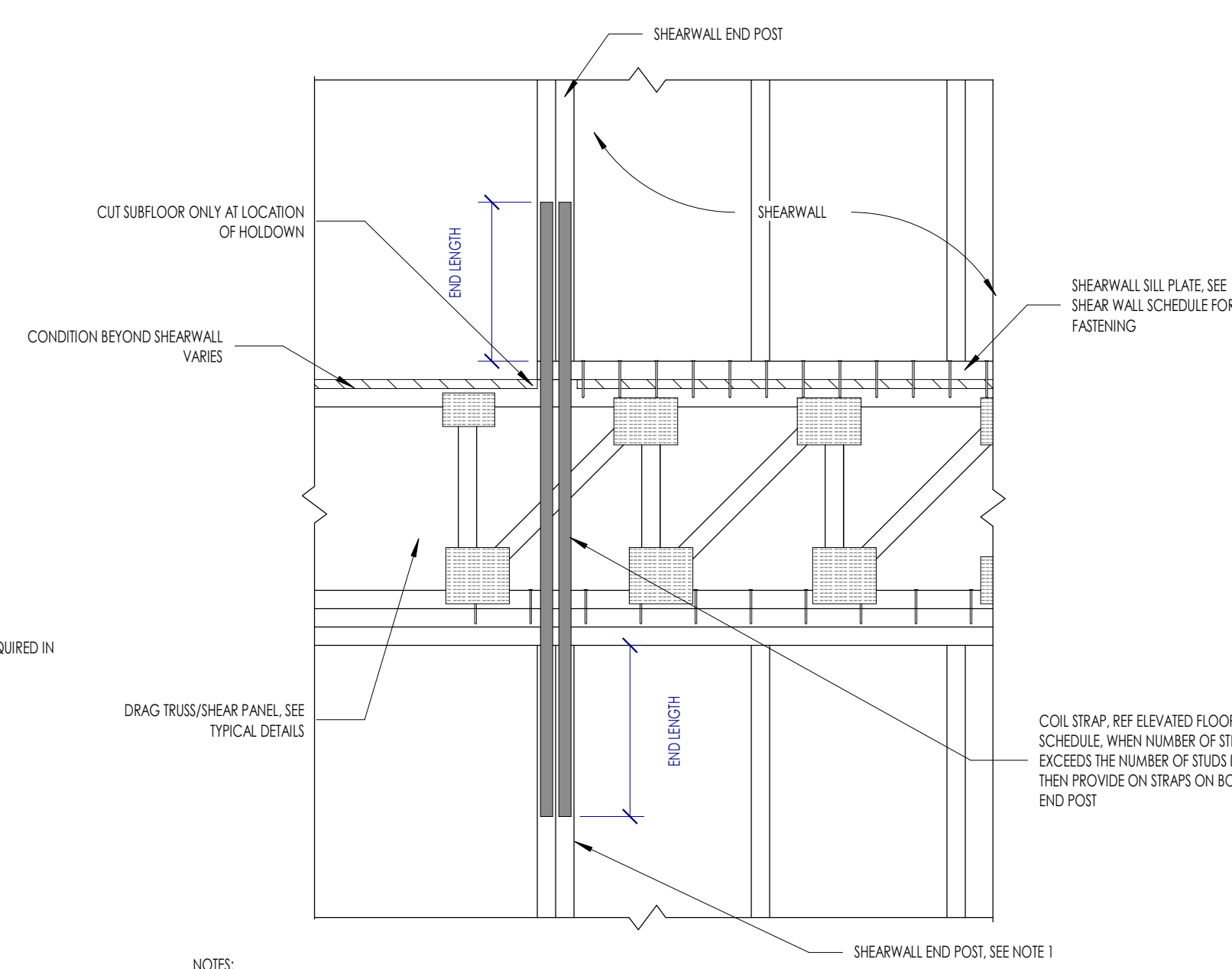
3B S4.2 TYPICAL LOAD BEARING WALL PERP. TO FLOOR TRUSS



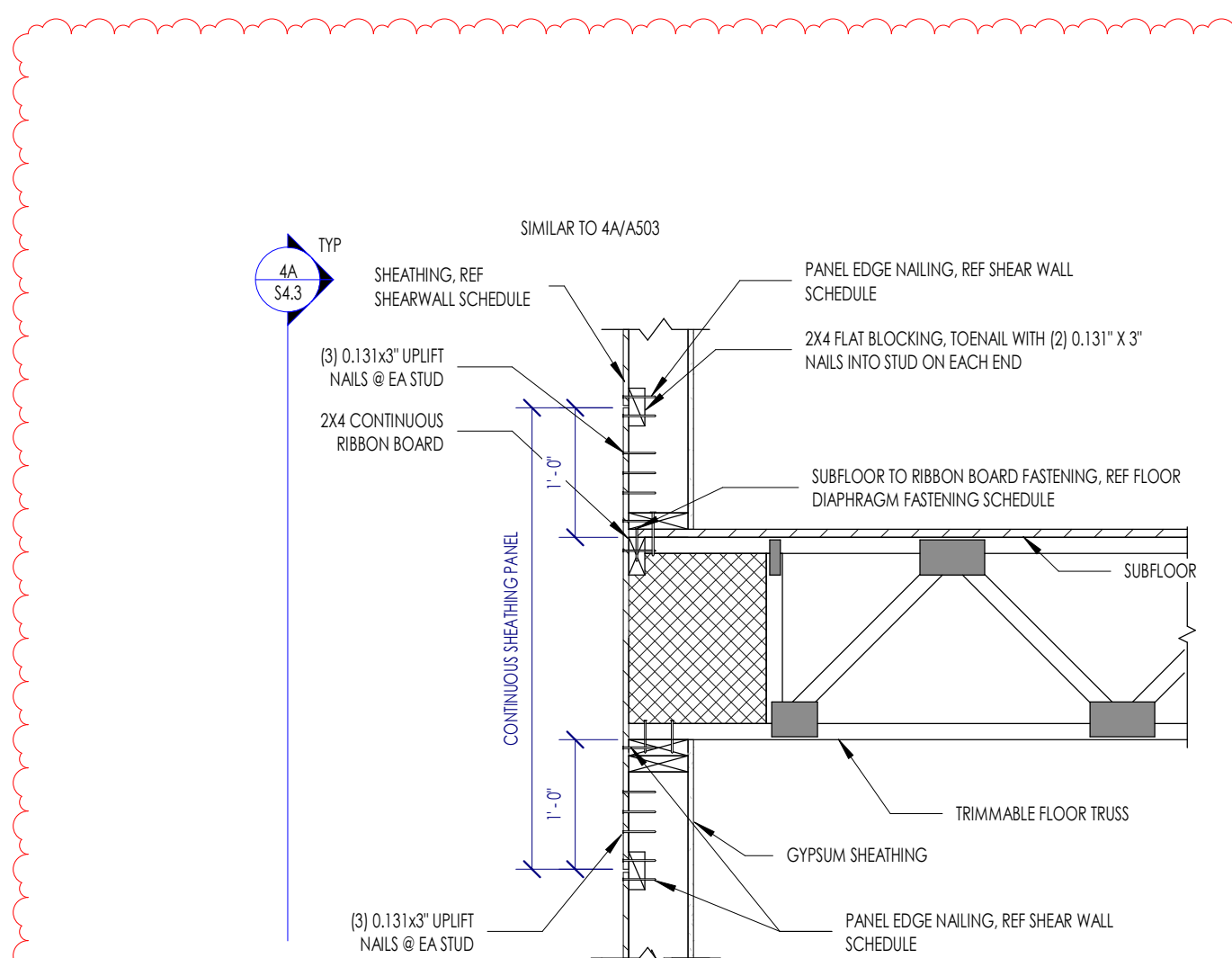
2B S4.2 TYPICAL LOAD BEARING HEADER PARALLEL TO FLOOR TRUSSES



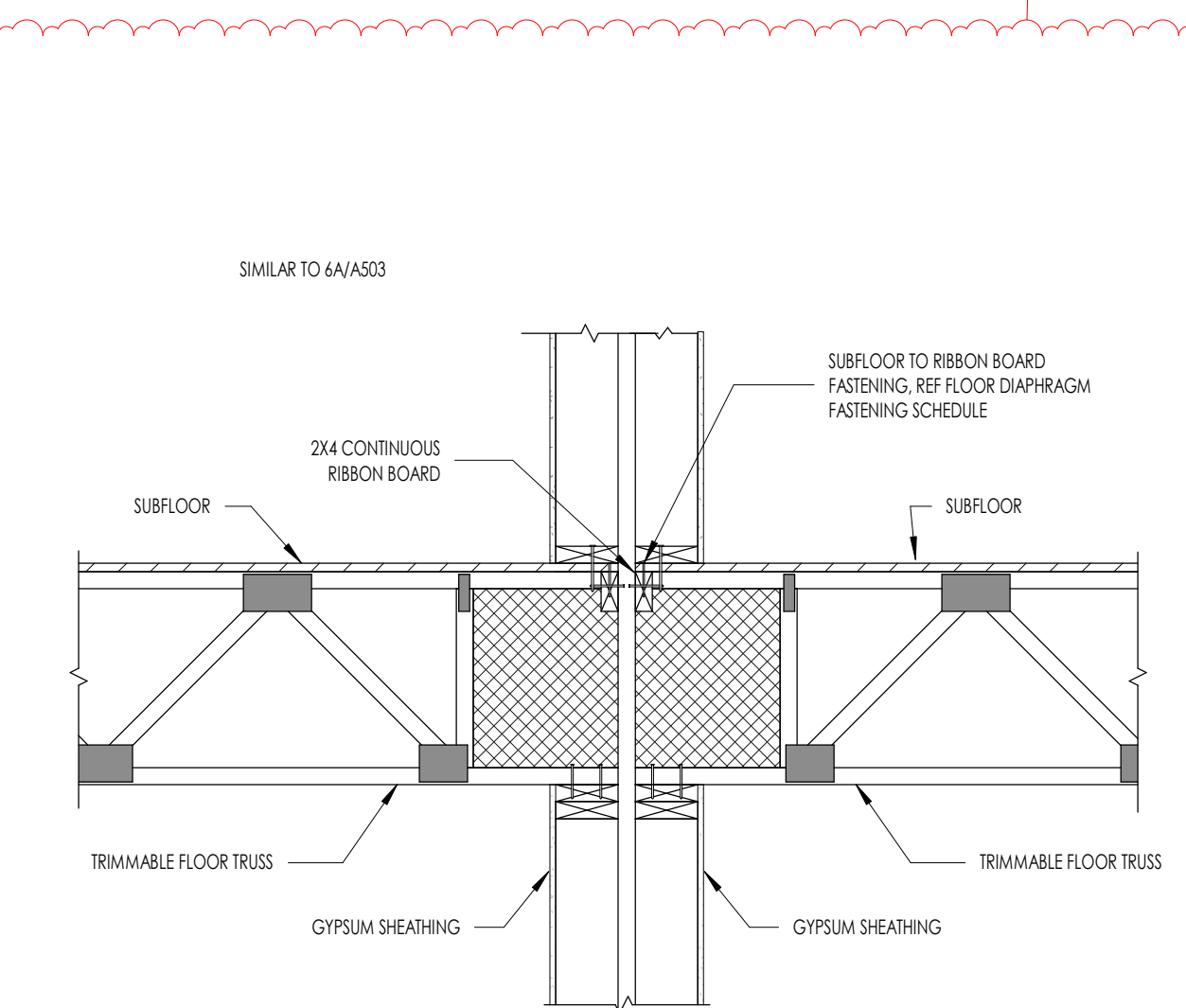
6A S4.2 TYPICAL SHEARWALL HOLDDOWN AT ELEVATED FLOOR



HOLDOWN 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

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

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

DUDDLEY
Structural: Dudley
Firm # 18677
6102 Imperial Loop Drive
College Station, TX 77845
corieka@dudleyeng.com | (979) 777-0720

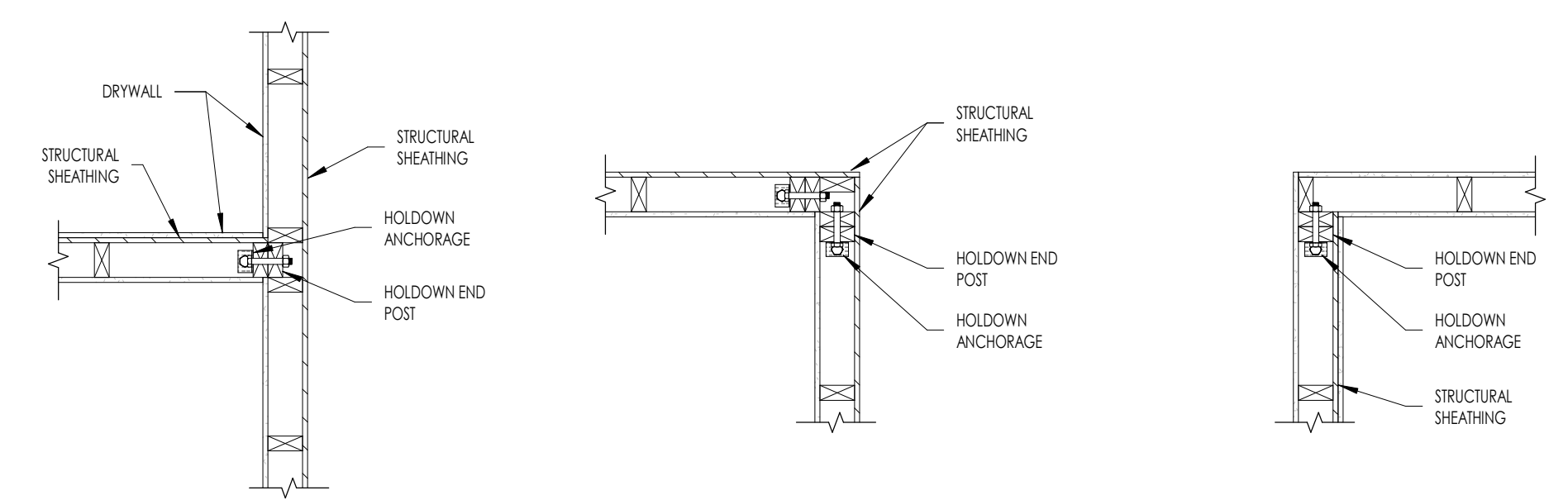
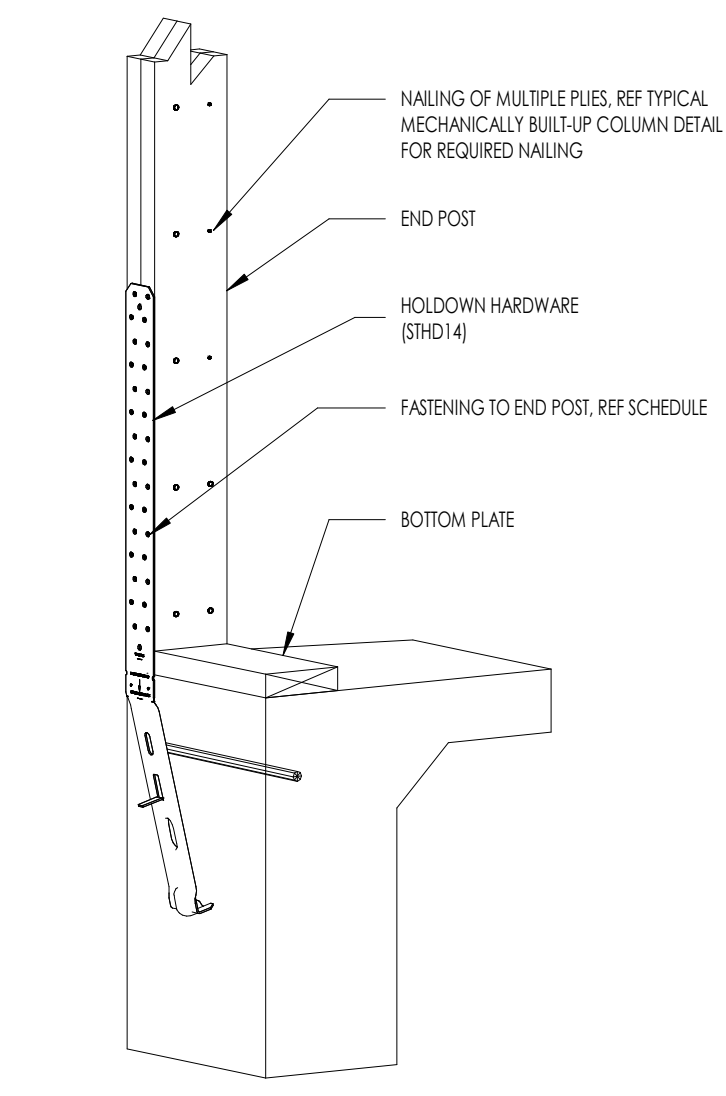
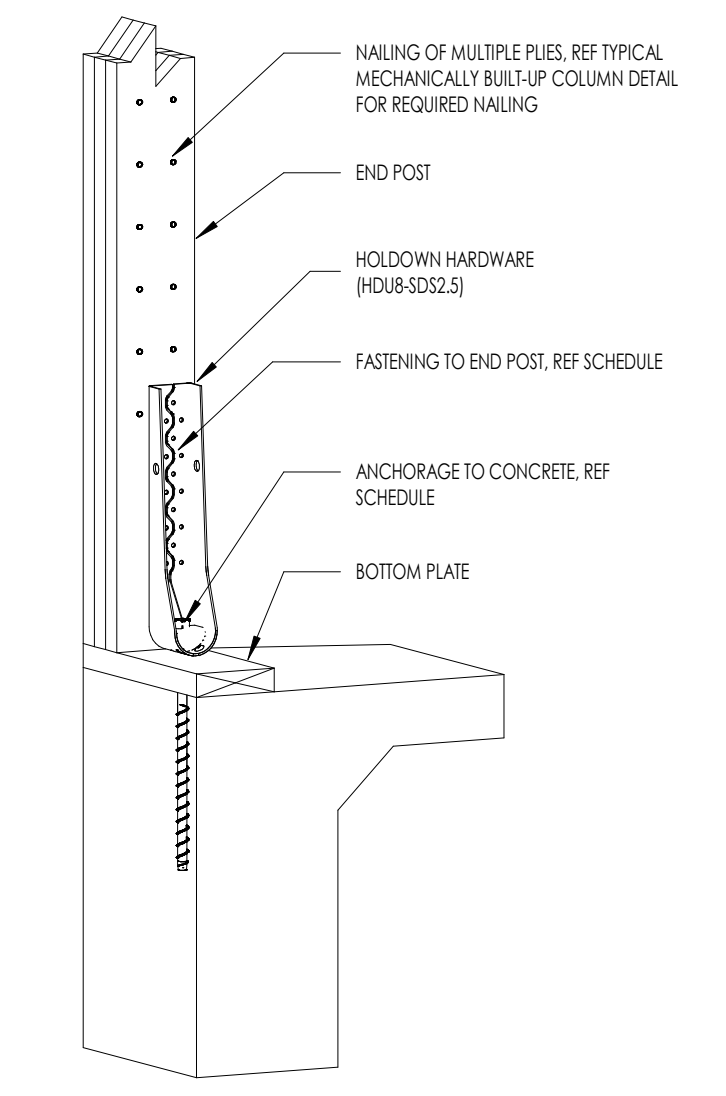
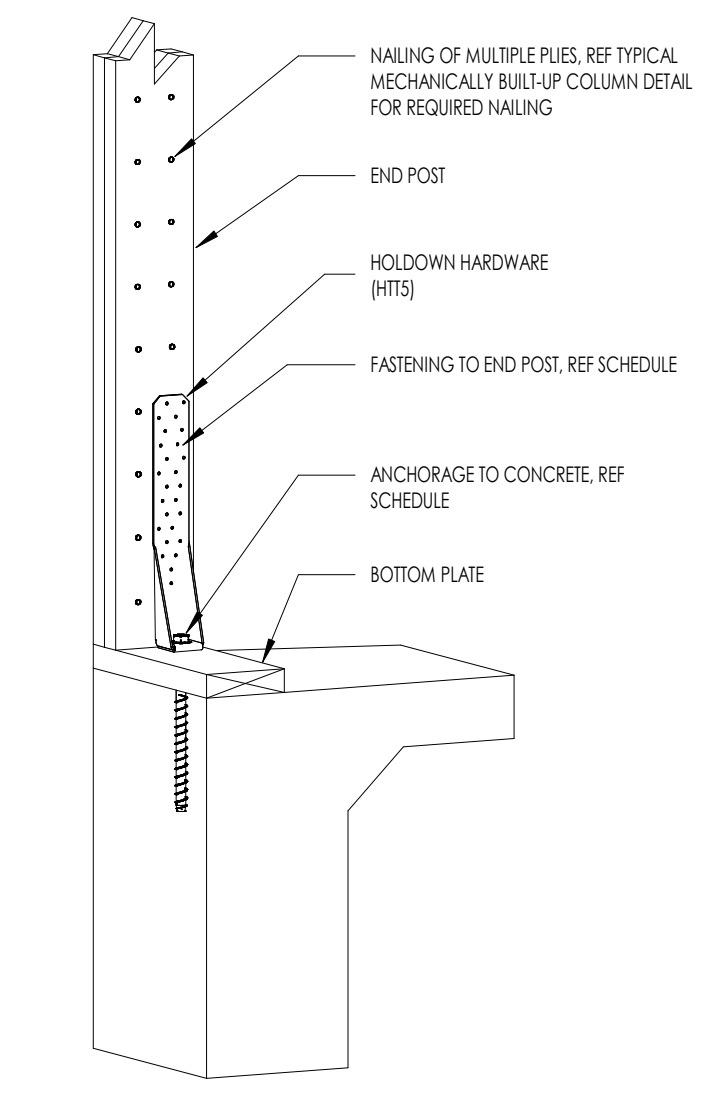
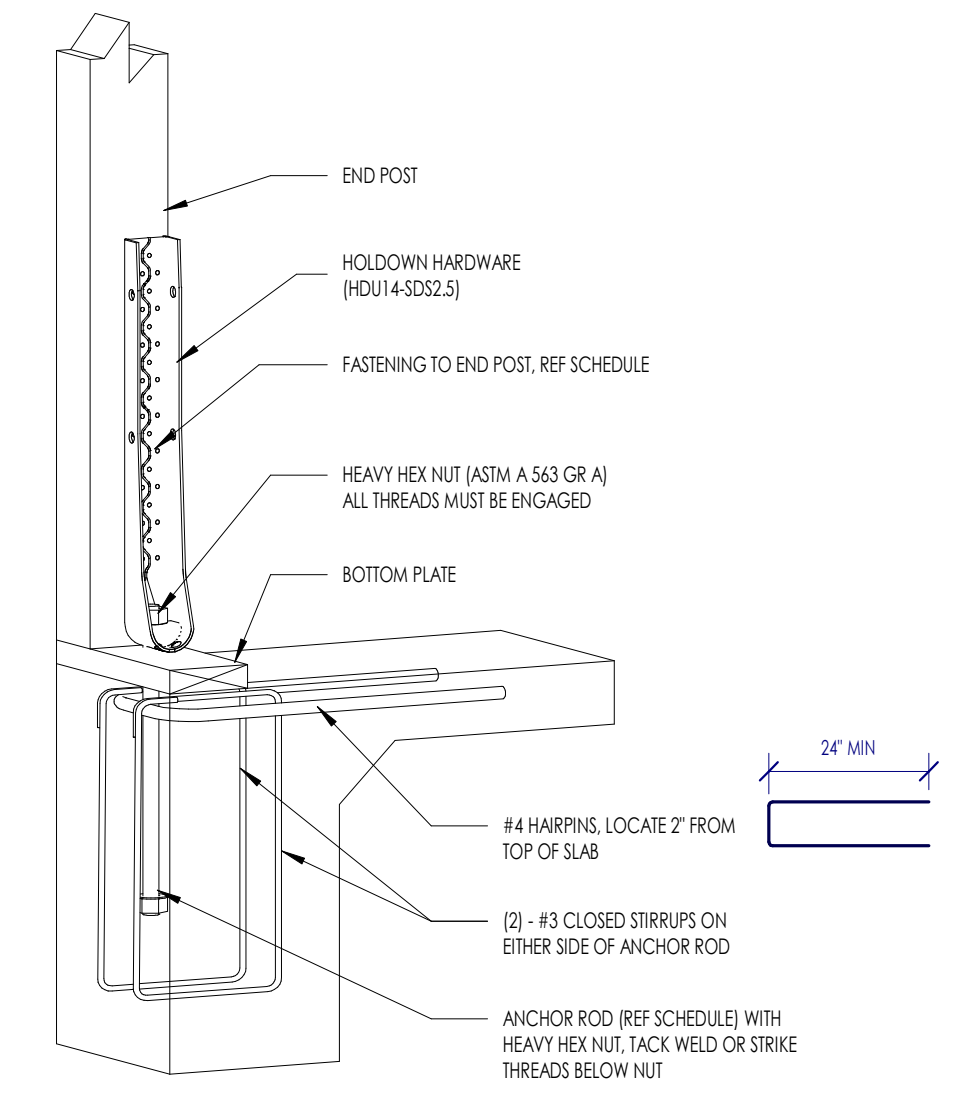
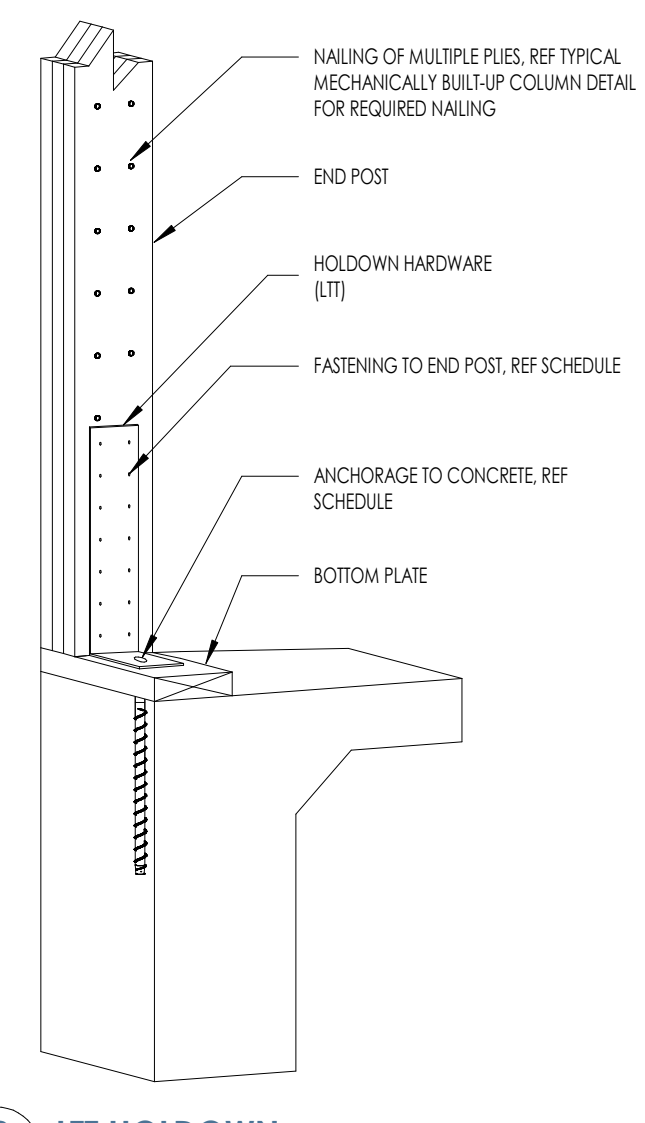
amc
ENGINEERS
MEP: AMC Engineers
Texas Firm #9441
508 E Jackson St # 552
Burrket, TX 78611
info@amcengineers.com | 512.535.6427

STATE OF TEXAS
OKEOGHENE ORIEKA
137444
PROFESSIONAL ENGINEER
8/26/2022

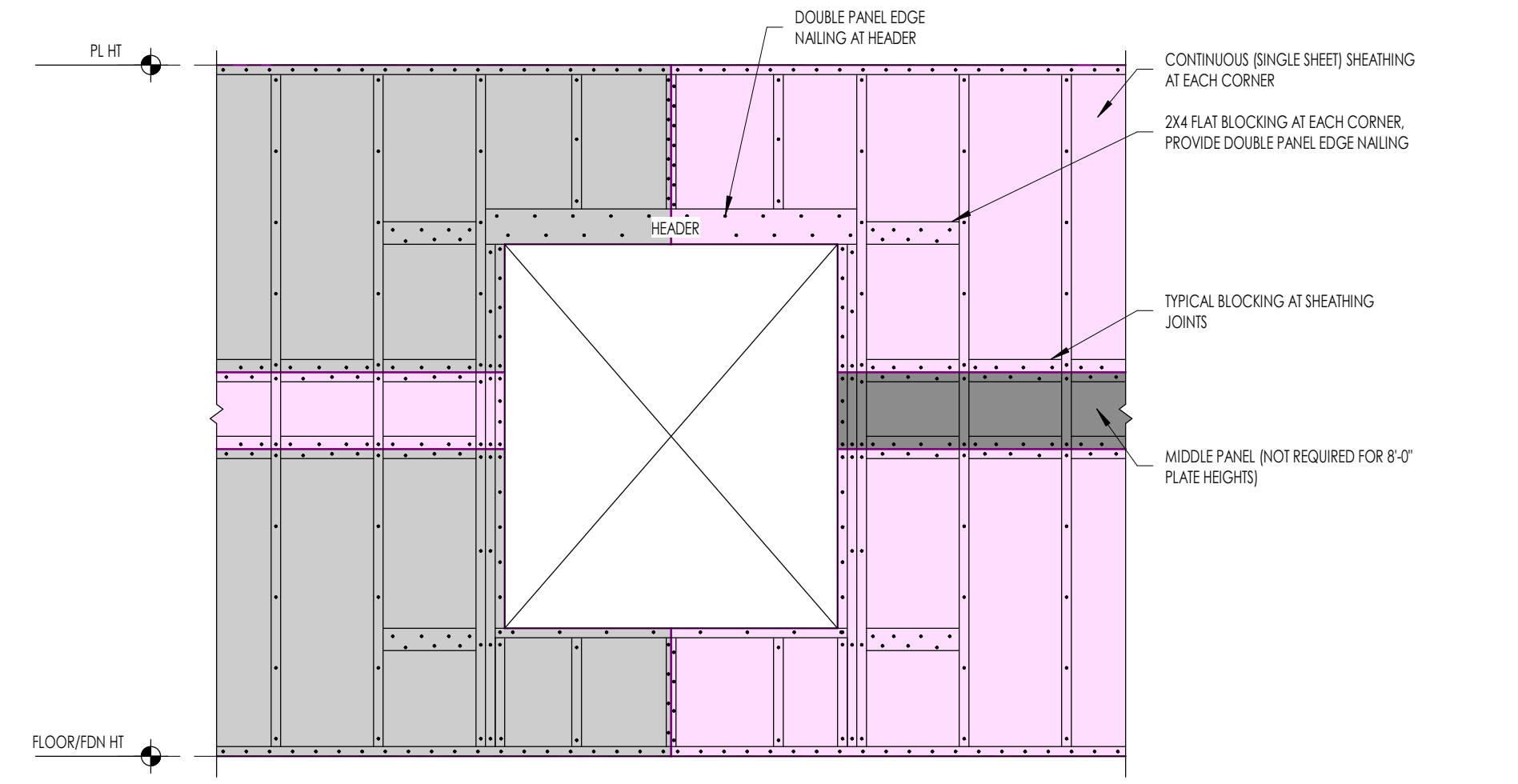
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openingdesign
Architect: OpeningDesign
17 S Fairchild | FL 7
Madison, WI 53703
ryan@openingdesign.com | 773.425.6456

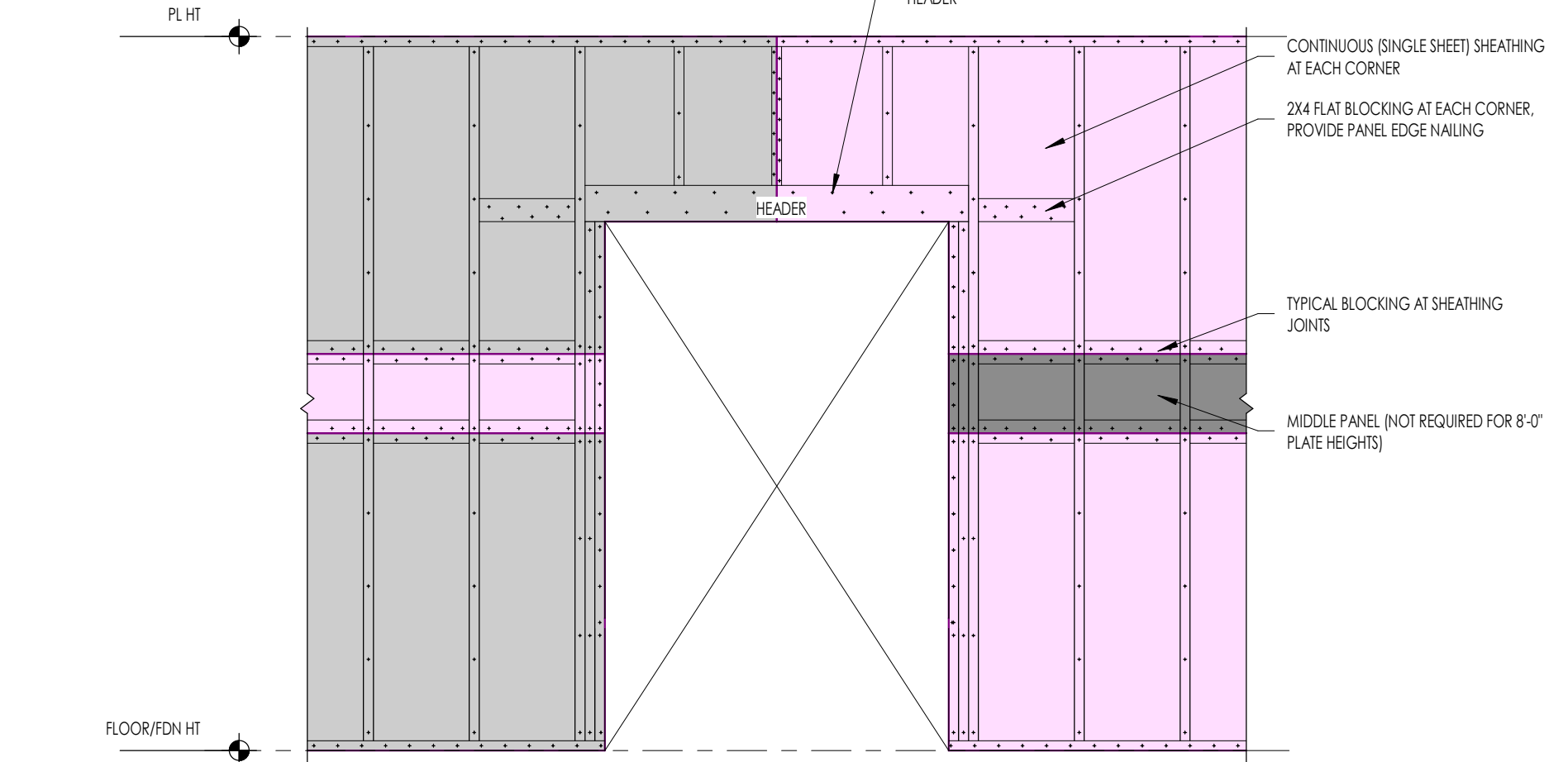
Date	Description
04/02/2022	Review before Permit
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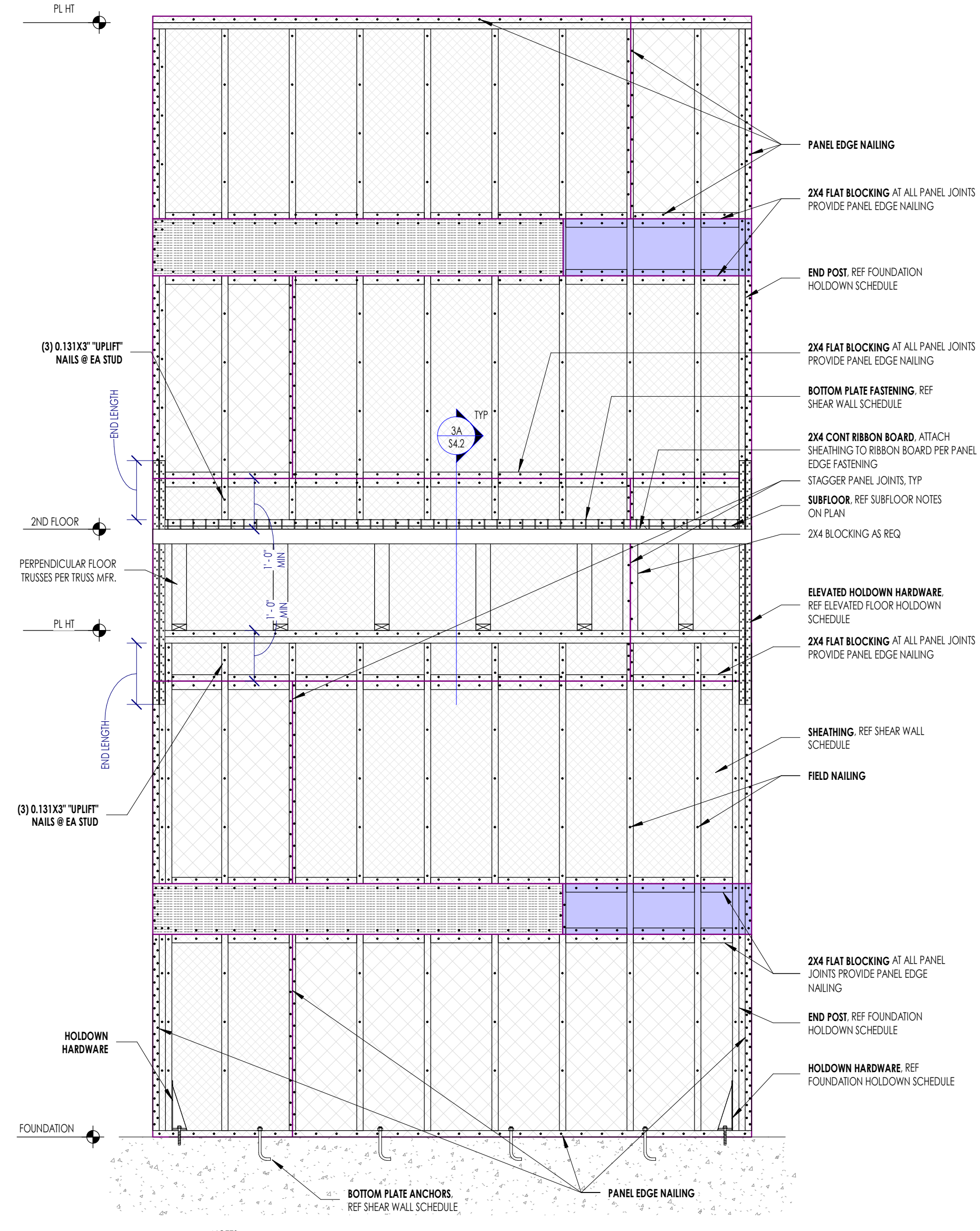
2D S4.3
SHEAR WALL - END POST CONFIGURATIONS



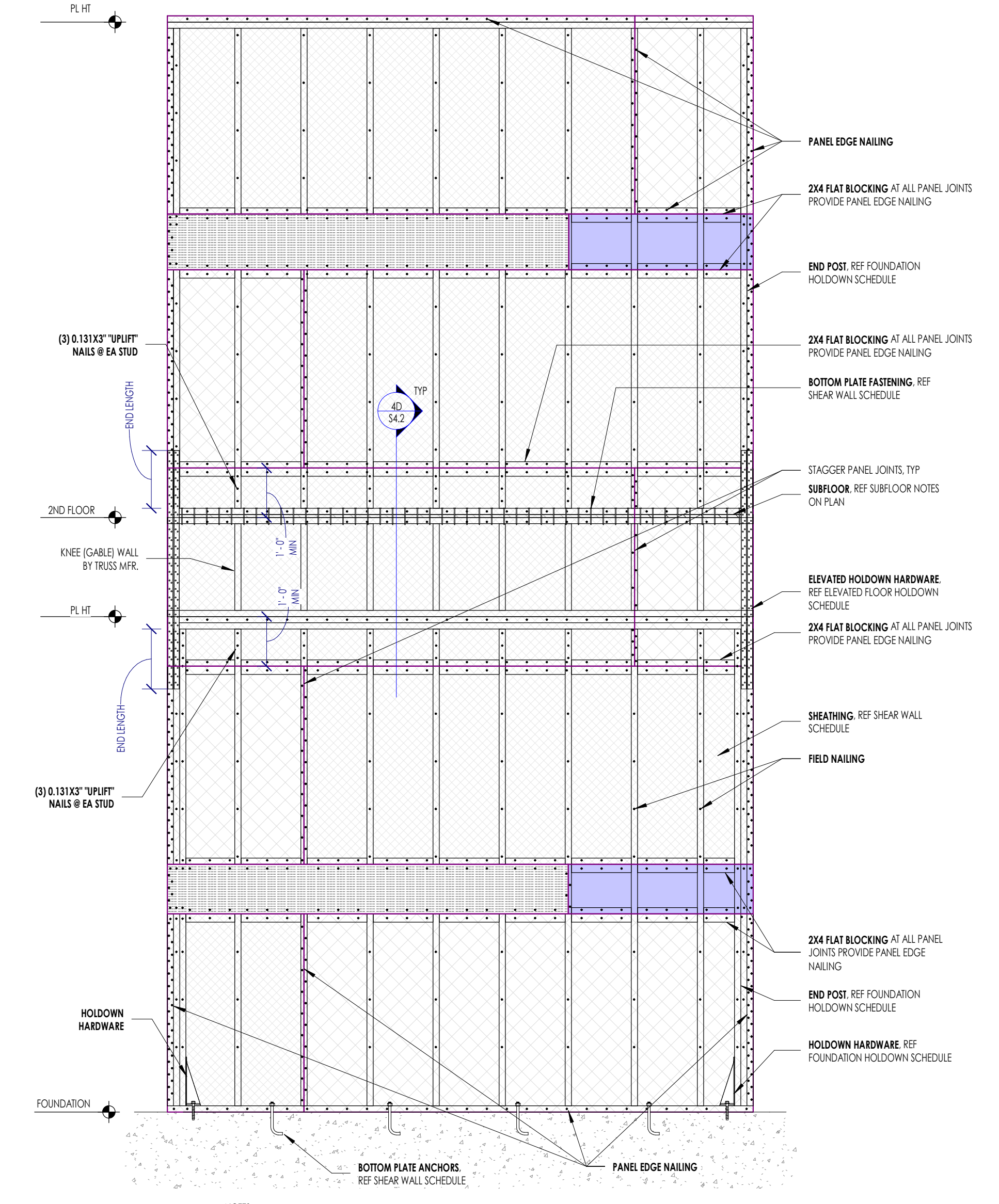
2D S4.3
SHEARWALL - FORCE TRANSFER AROUND OPENING



2D S4.3
SHEARWALL - FORCE TRANSFER AROUND OPENING (DOOR)



3D S4.3
TYPICAL MULTIPLE STORY SHEARWALL FRAMING AND FASTENING, TRUSSES PERPENDICULAR



3D S4.3
TYPICAL MULTIPLE STORY SHEARWALL FRAMING AND FASTENING, TRUSSES PARALLEL

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

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

STRUCTURAL: DUDLEY
Firm # 18677
6102 Imperial Loop Drive
College Station, TX 77845
corieka@dudleyeng.com | (979) 777-0720

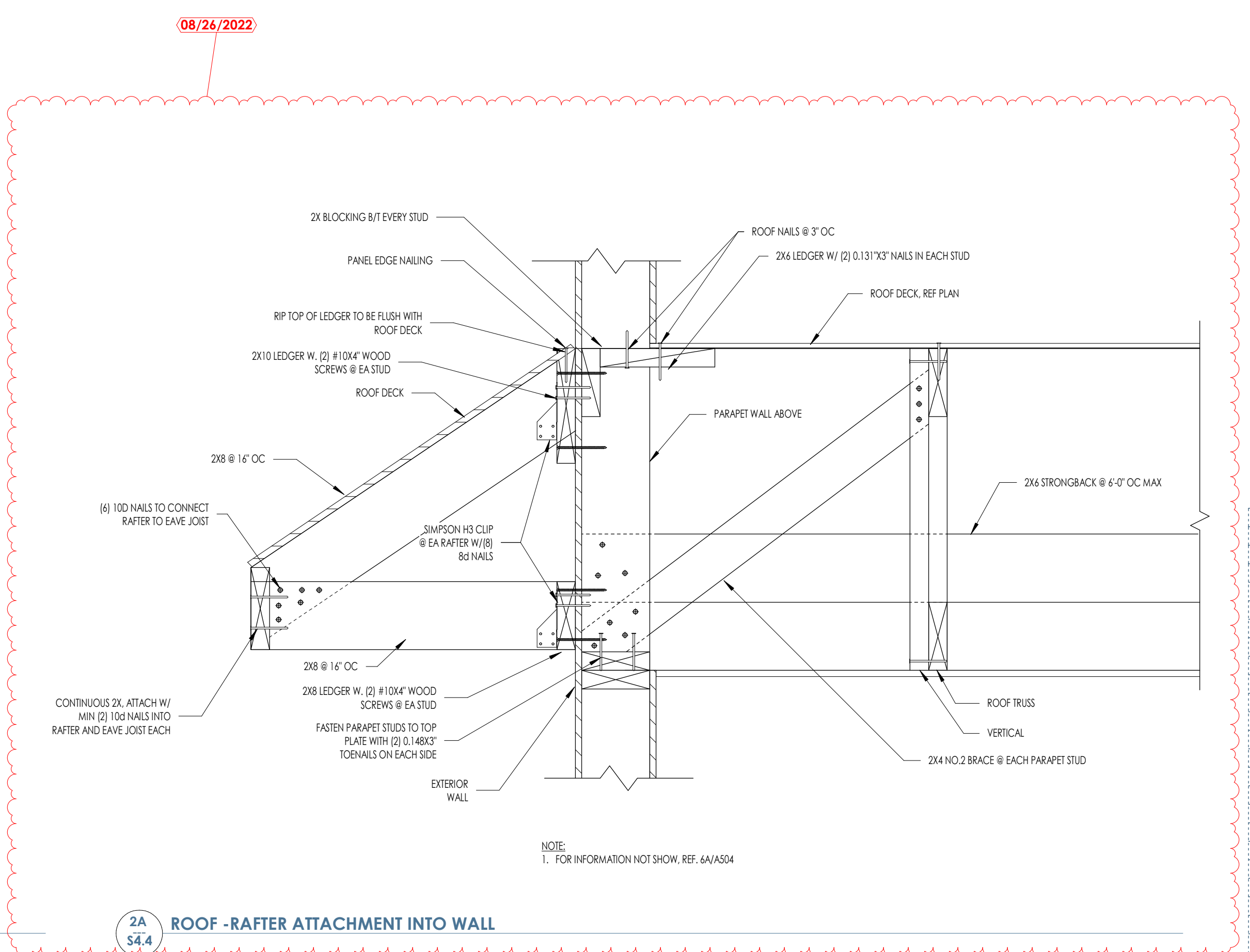
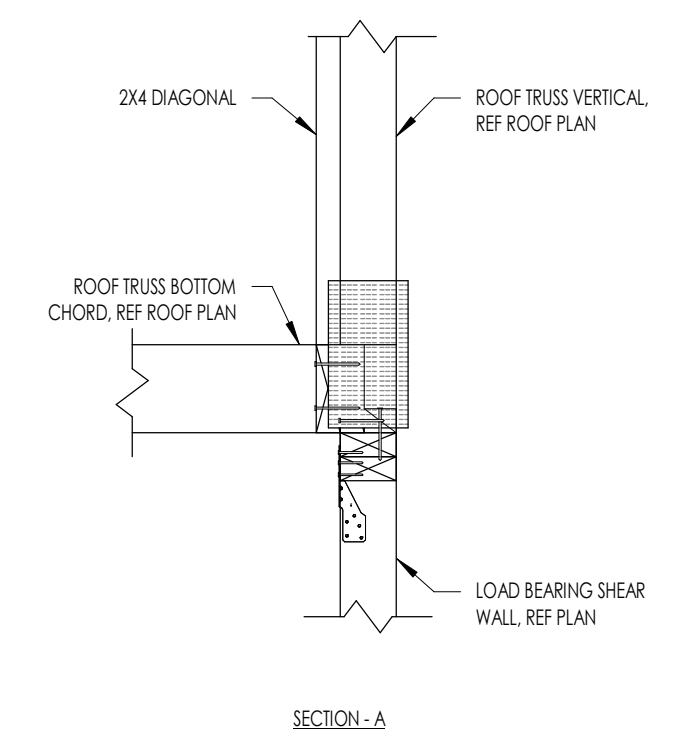
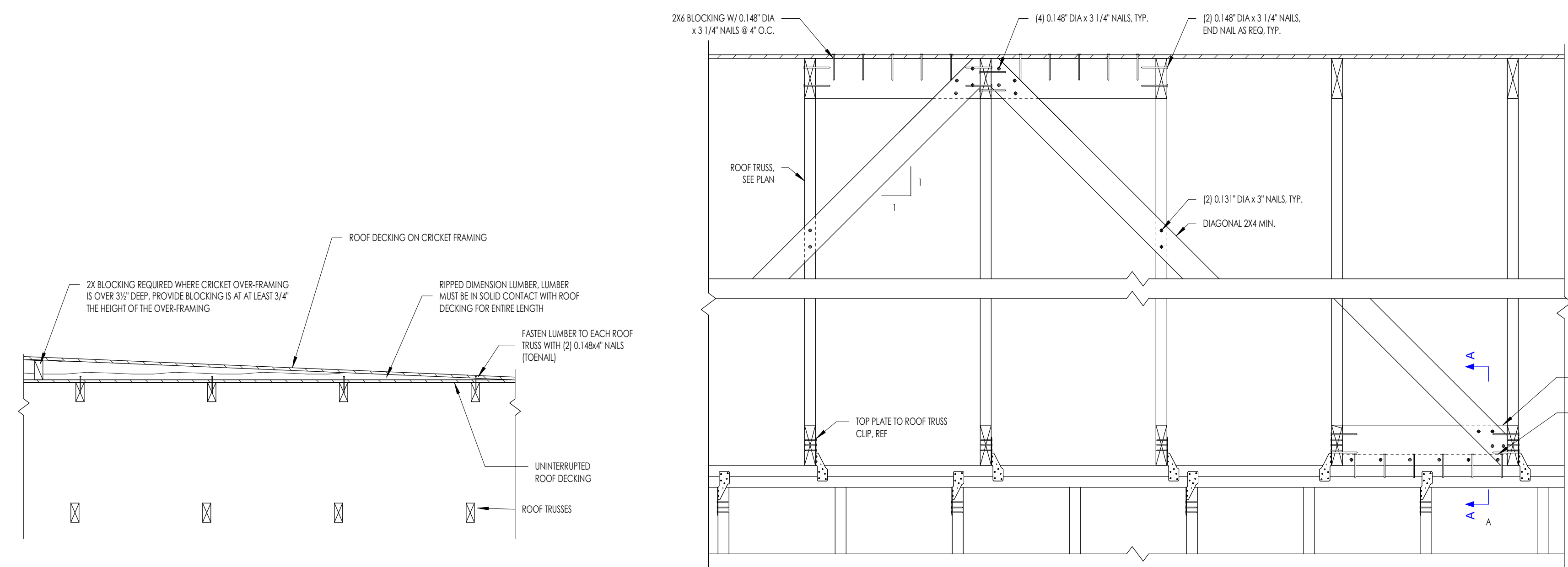
MEP: AMC ENGINEERS
Texas Firm #9441
508 E Jackson St # 552
Burrket, TX 78611
info@amcengineers.com | 512.535.6427



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

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6A S4.4 TYPICAL CRICKET FRAMING AT ROOF

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

2A S4.4 ROOF - RAFTER ATTACHMENT INTO WALL

TYPICAL WOOD ROOF TRUSS DETAILS

Renovation Wranglers
Owner: Renovation Wranglers
102 E 26th St
Bryan, TX 77803
Kateneason@rw.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
Firm # 18677
6102 Imperial Loop Drive
College Station, TX 77845
corieka@dudleyeng.com | (979) 777-0720

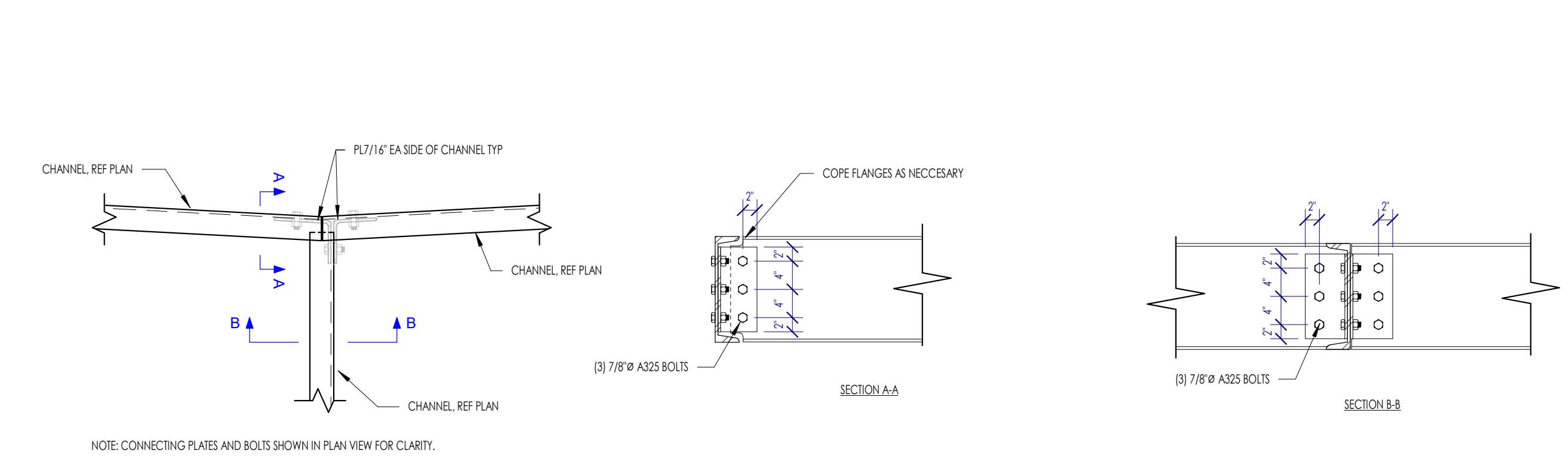
amc ENGINEERS
MEP: AMC Engineers
Texas Firm #9441
508 E Jackson St # 552
Burrket, TX 78611
info@amcengineers.com | 512.535.6427



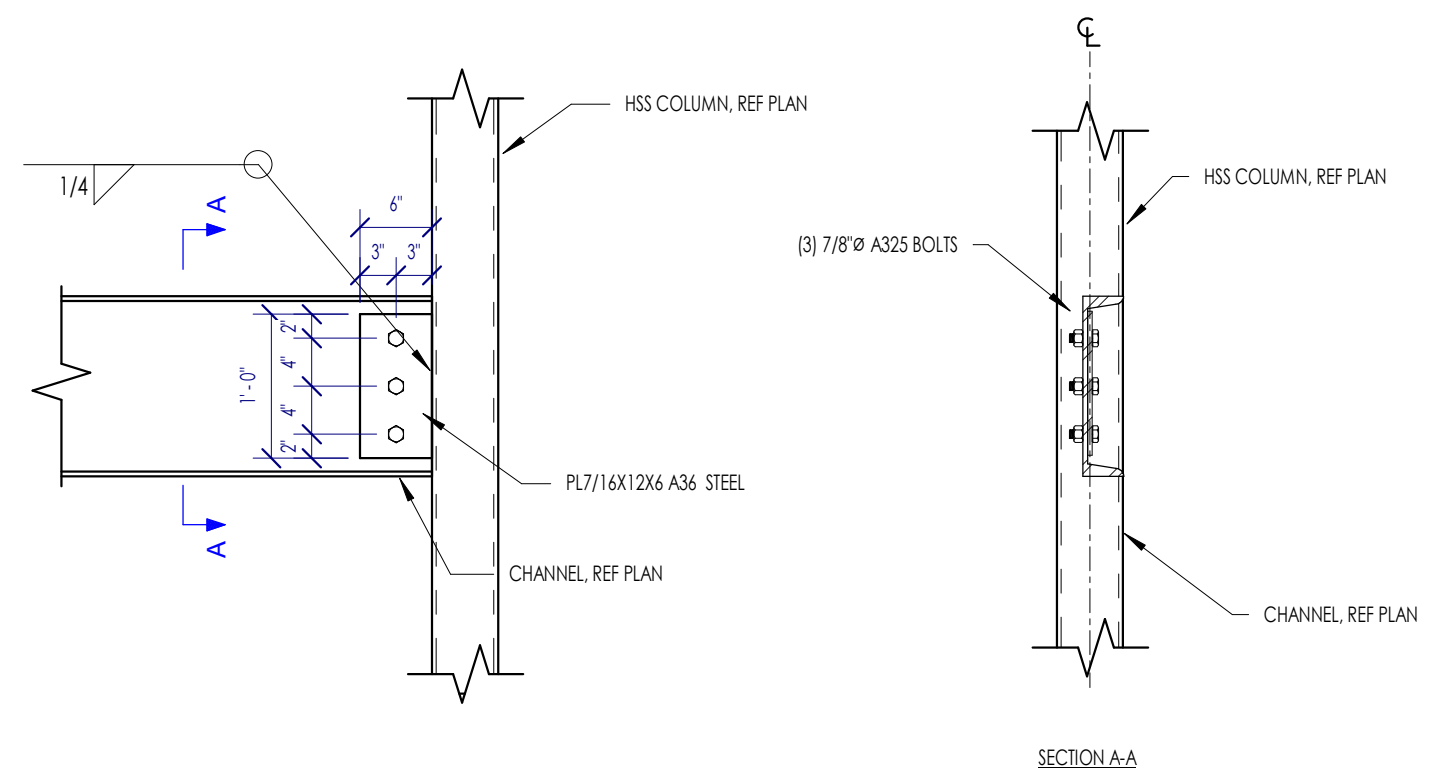
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openingdesign
Architect: OpeningDesign
17 S Fairchild | FL 7
Madison, WI 53703
ryan@openingdesign.com | 773.425.6456

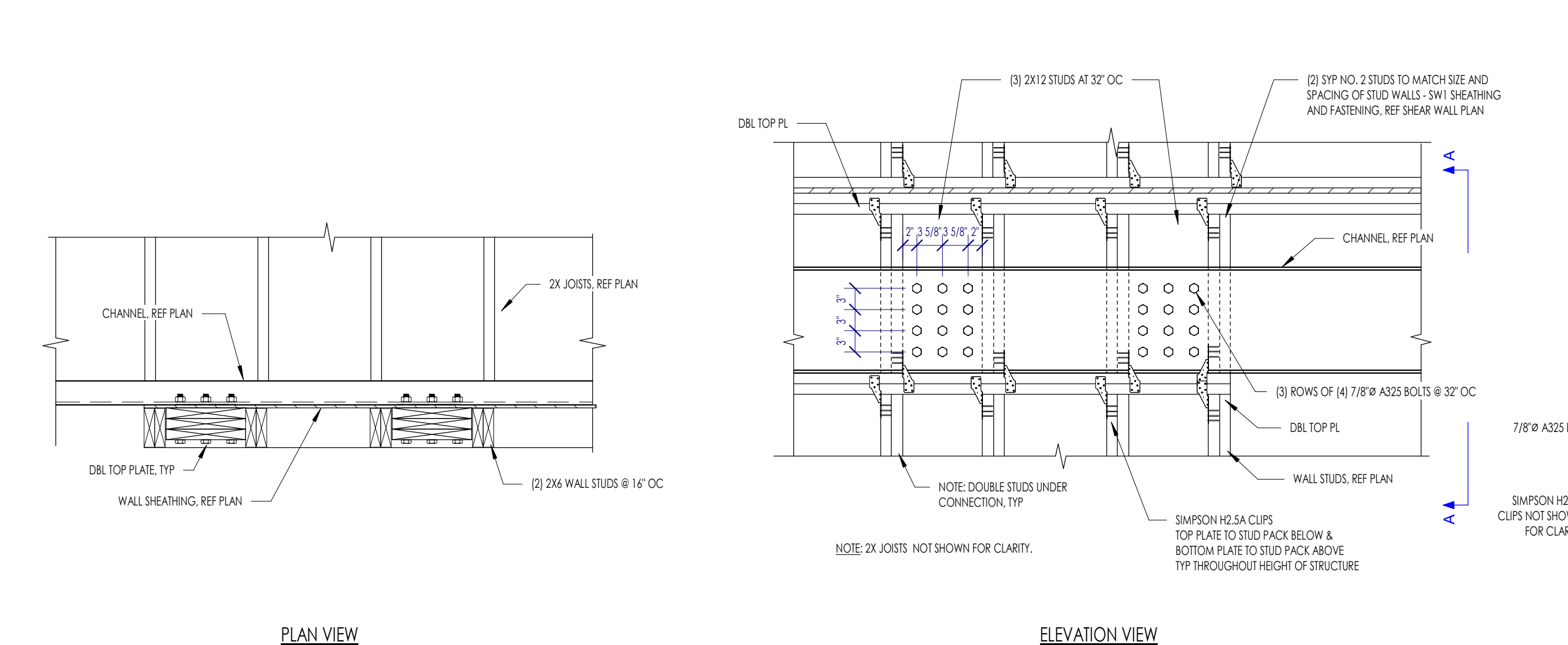
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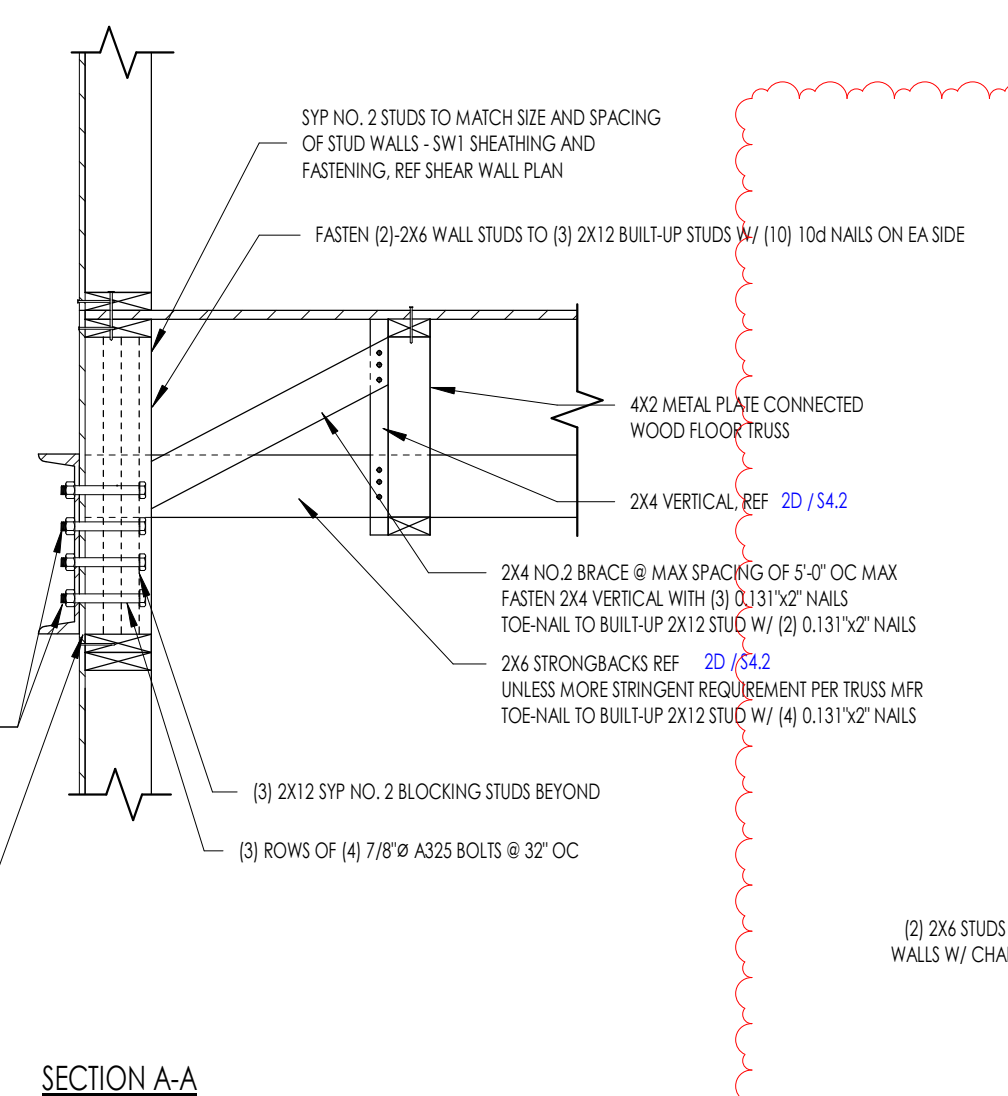
6B TYPICAL CHANNEL CONNECTION AT BALCONY 1



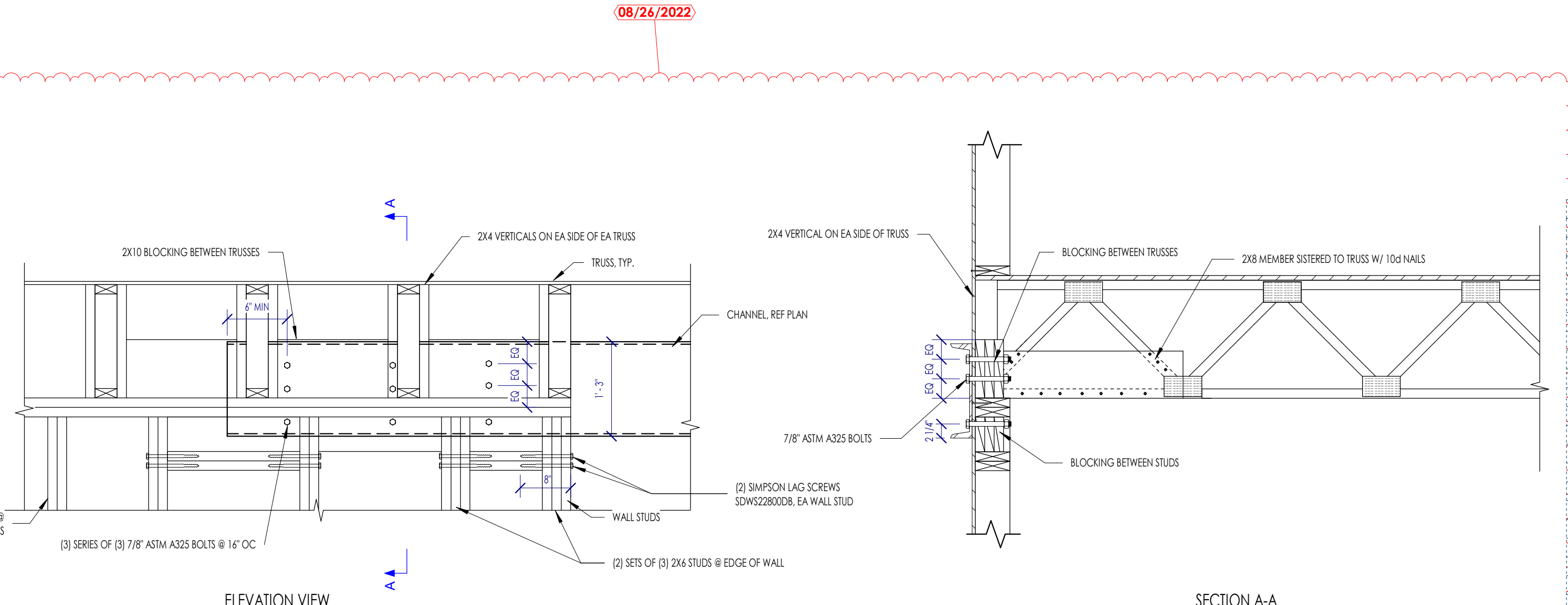
1C CHANNEL TO HSS COLUMN CONNECTION - ALIGNED



6A TYPICAL CHANNEL TO WALL STUD BOLTED CONNECTION



3A TYPICAL CHANNEL TO WALL STUD CONNECTION



TYPICAL STEEL DETAILS