

COLUMN BASE PLATE SCHEDULE

TYPE	COLUMN	BASE PLATE (NxBxT)	SHAPE	ANCHOR RODS	EMBEDMENT
1	PER PLAN	10"x10"x3/4"	A	4- 3/4" DIA.	1'-4"
2	PER PLAN	11"x11"x3/4"	A	4- 3/4" DIA.	1'-4"
3	PER PLAN	10"x10"x3/4"	B	4- 3/4" DIA.	1'-4"
4	PER PLAN	11"x11"x3/4"	C	4- 3/4" DIA.	1'-4"
5	PER PLAN	11"x11"x3/4"	B	4- 3/4" DIA.	1'-4"
6	PER PLAN	12"x12"x3/4"	C	4- 3/4" DIA.	1'-4"

NOTES:

- SEE PLAN FOR ORIENTATION OF COLUMNS.
- PROVIDE PLATE WASHED & EMBEDDED PLATE PER SCHEDULE @ ALL ANCHOR BOLTS.
- U.N.O. ALL THREADED ROD A.B.'s SHALL BE F1554 (36ksi) MATERIAL.

COLUMN BASE PLATE AND ANCHOR-ROD CRITERIA

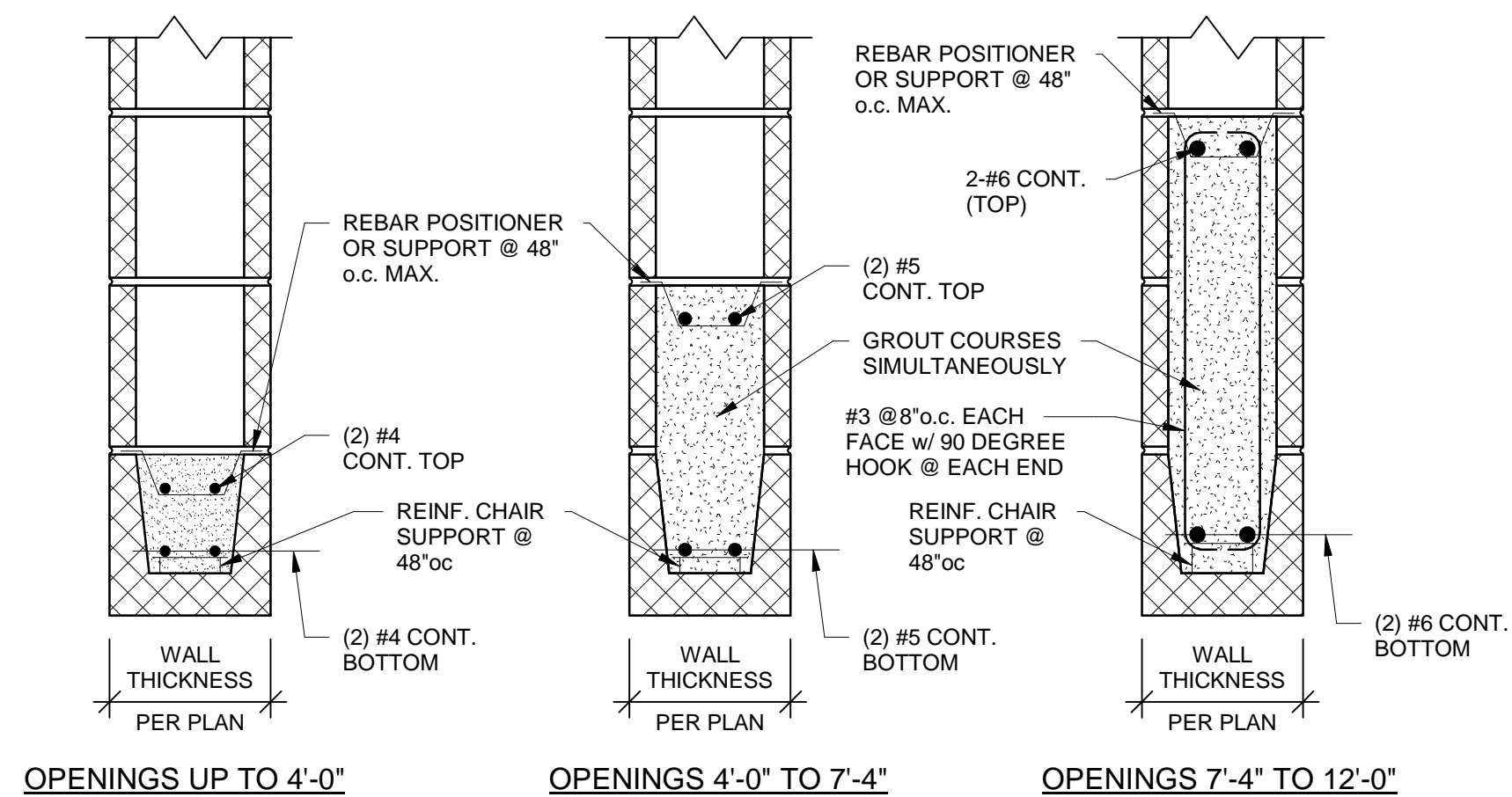
ANCHOR-ROD DIAMETER	MAX. BASE PLATE HOLE DIAMETER	MIN. PLATE WASHER SIZE	MIN. PLATE WASHER THICKNESS	EMBEDDED ANCHOR PLATE SIZE
3/4"	1 5/16"	2"	1/4"	1/2"x2 1/2"x2 1/2"
7/8"	1 9/16"	2 1/2"	5/16"	1/2"x2 1/2"x2 1/2"
1"	1 7/8"	3"	3/8"	5/8"x3"x3"
1 1/4"	2 1/8"	3 1/2"	1/2"	5/8"x3 1/2"x3 1/2"
1 1/2"	2 3/8"	4"	1/2"	5/8"x3 1/2"x3 1/2"
1 3/4"	2 7/8"	4 1/2"	5/8"	3/4"x3 1/2"x3 1/2"
2"	3 1/4"	5"	3/4"	3/4"x3 1/2"x3 1/2"
2 1/2"	3 3/4"	5 1/2"	7/8"	3/4"x3 1/2"x3 1/2"

NOTES:

- HOLE SIZES PROVIDED ARE BASE ON ANCHOR ROD SIZE AND CORRELATE WITH ACI 117 (ACI, 2010)
- CIRCULAR OR SQUARE WASHERS MEETING THE WASHER SIZE ARE ACCEPTABLE.
- HOLE IN PLATE WASHER SHALL BE 1/16" LARGER THAN ANCHOR DIAMETER.

TYPICAL MASONRY REINFORCING NOTE:

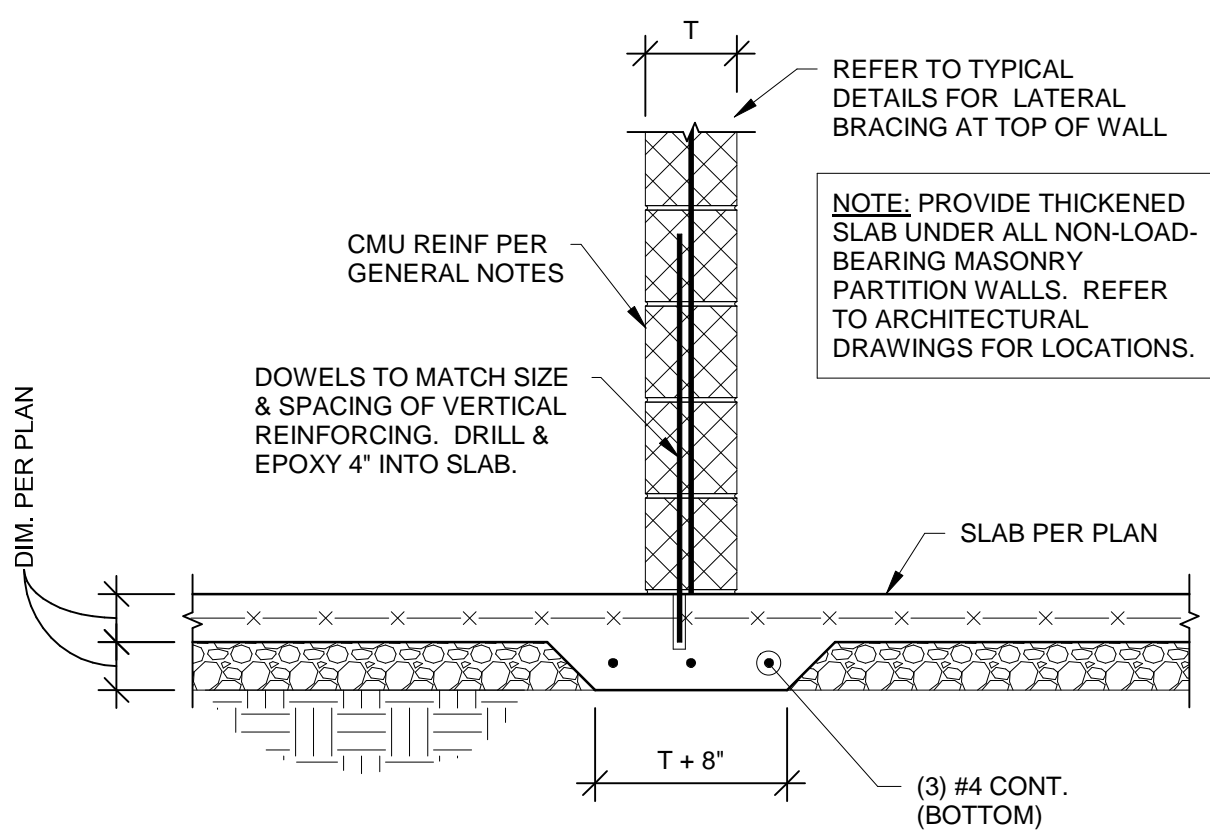
ALL INTERIOR & EXTERIOR MASONRY WALLS SHOWN ON ARCHITECTURAL AND STRUCTURAL DRAWINGS ARE TO BE REINFORCED HORIZONTALLY WITH BOND BEAMS (2- #5 BOTTOM) AT BOTTOM COURSE, TOP COURSE, JOIST BEARING ELEVATION AND AT 8'-0" MAXIMUM O.C. AND VERTICALLY AS INDICATED ON DRAWINGS. THESE WALLS ARE TO BE ANCHORED TOP AND BOTTOM TO THE FOUNDATION, FLOOR, OR ROOF PER TYPICAL DETAILS. THE VERTICAL REINFORCING IS CONTINUOUS (IN 8'-8" MAXIMUM LENGTHS, LAPPED 2'-8" MINIMUM). FILL BLOCK CELLS AND BOND BEAMS WITH 2,500psi GROUT. RE: DETAILS "A" THROUGH "E" ON THIS SHEET.



TYPICAL LINTELS AT ALL CMU WALLS (U.N.O.)

C SECTION

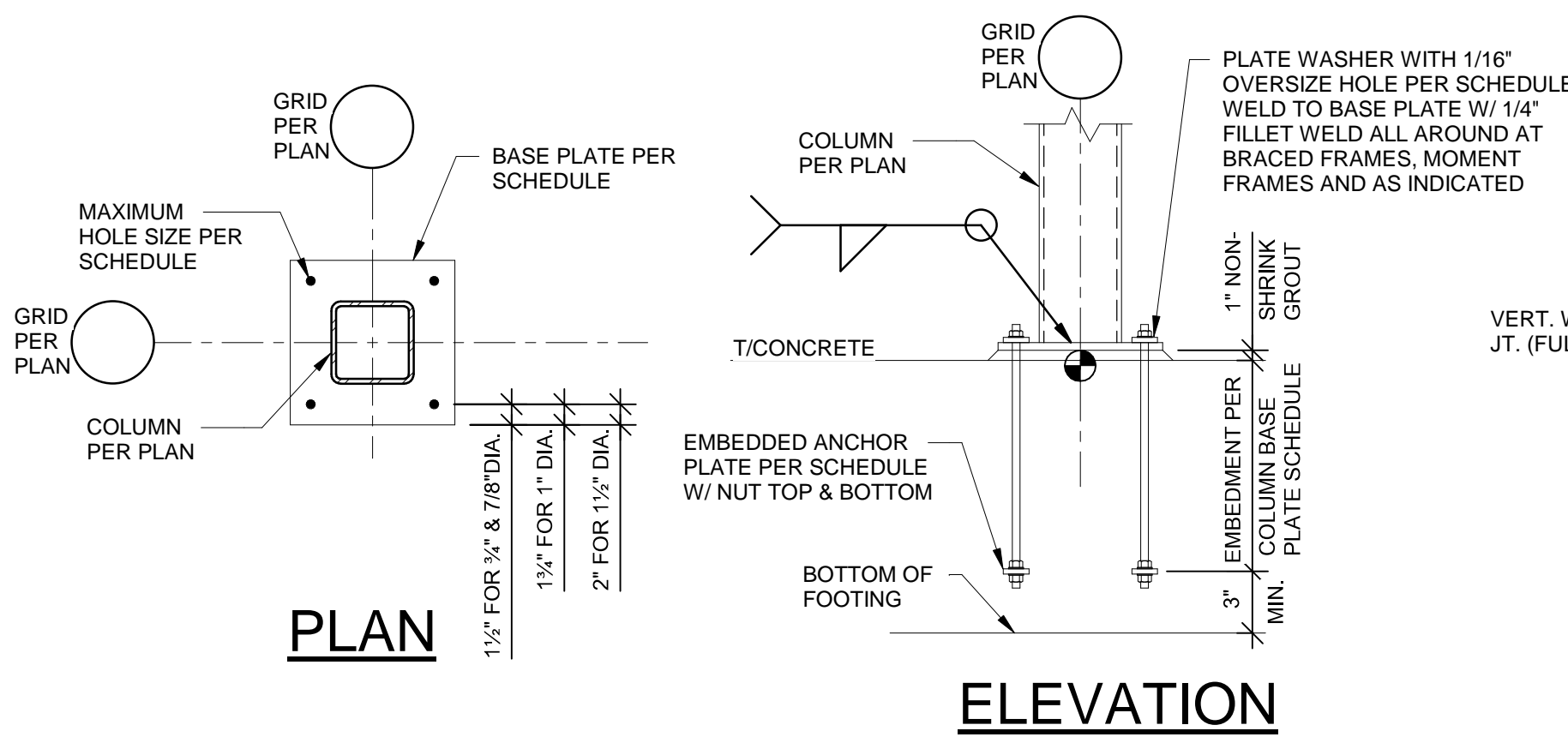
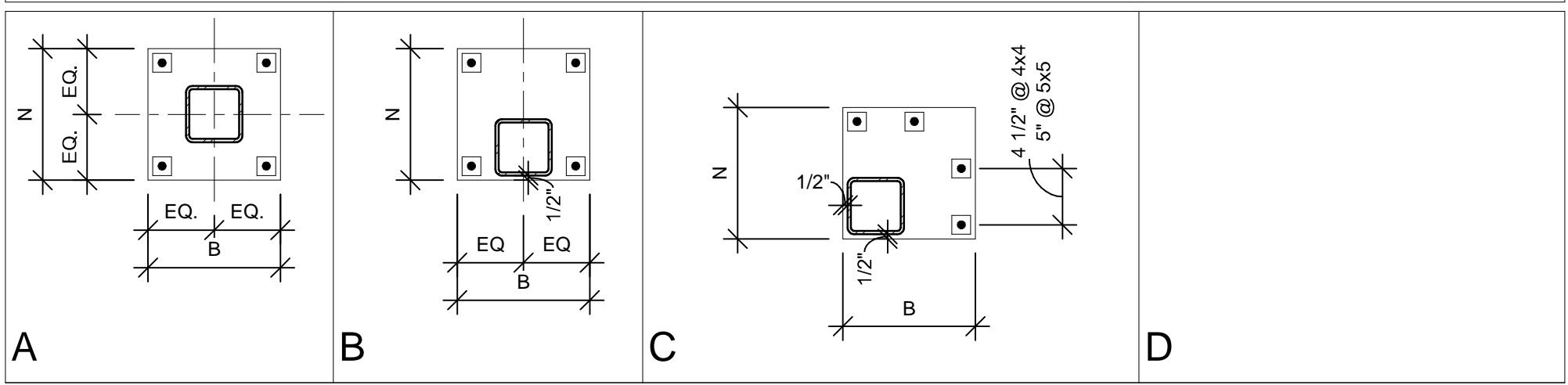
1 1/2" = 1'-0"



2 SECTION

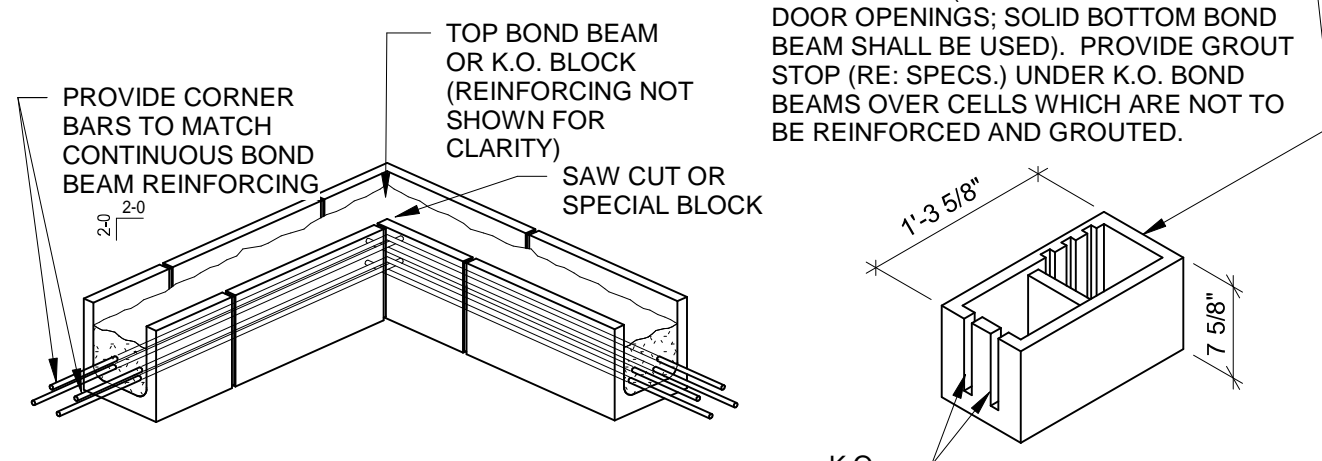
3/4" = 1'-0"

BASE PLATE SHAPE (NOT TO SCALE)



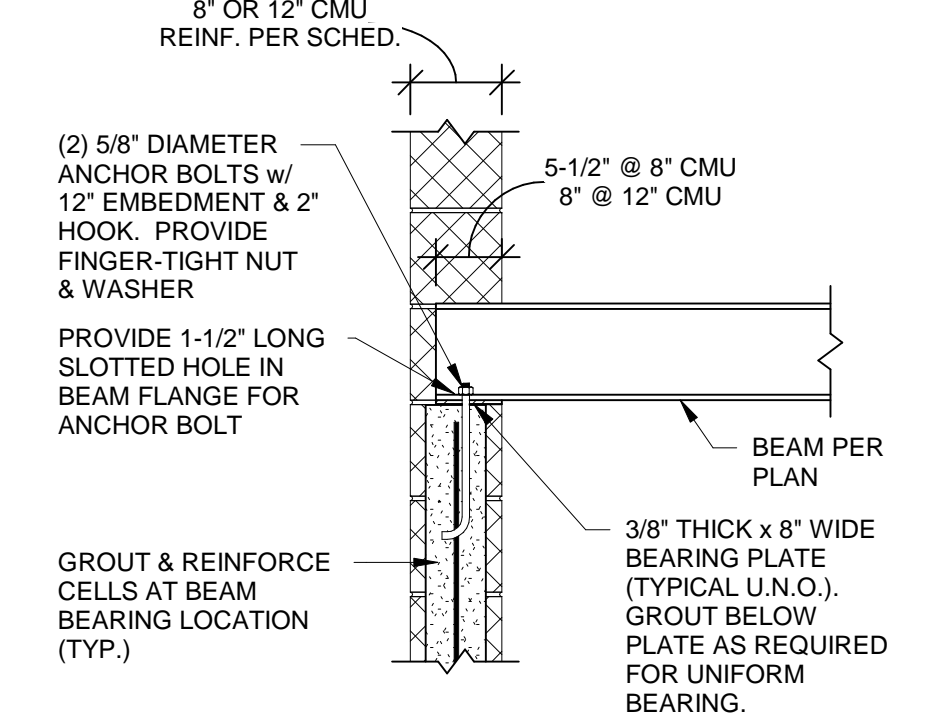
PLAN

ELEVATION



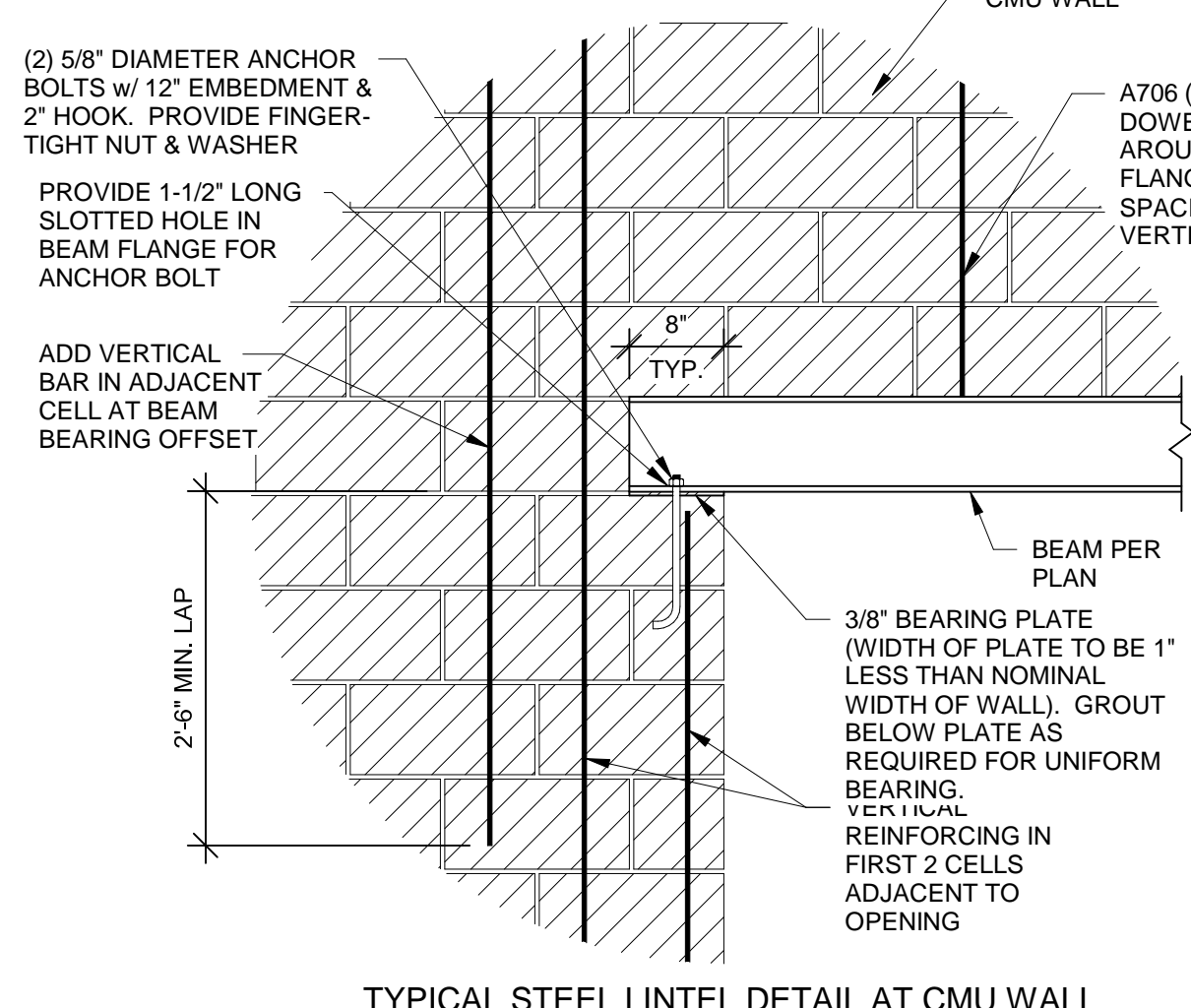
D DETAIL

3/4" = 1'-0"



3 SECTION

3/4" = 1'-0"



4 SECTION

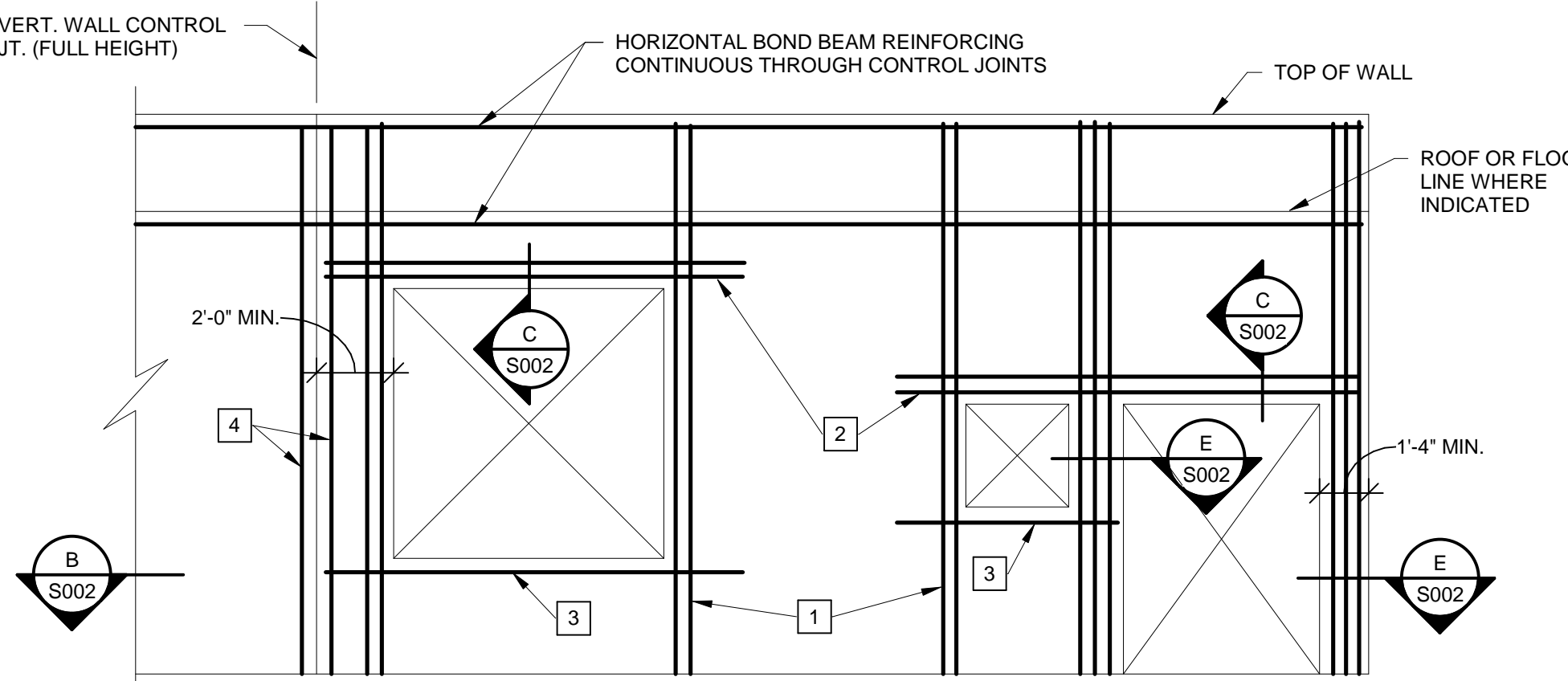
3/4" = 1'-0"

Structural Foundation Schedule

NOTE:

- EXTERIOR FOOTINGS OR FOOTING AT GRADE BEAM SHALL MATCH GRADE BEAM DEPTH AND BE PLACED WITH GRADE BEAM. PROVIDE SPECIFIED REBAR TOP AND BOTTOM WITH 4 STANDEES TO SUPPORT MATS.
- PROVIDE REINFORCING PER SCHEDULE EACH WAY IN TOP OF FTG. AT ALL MOMENT FRAME AND BRACED BAY COLUMNS.
- CENTER FOOTINGS ON COLUMNS AND/OR WALL CENTER LINES PER PLAN UNLESS NOTED OTHERWISE (U.N.O.).

Type Mark	Length	Width	Footing Thickness	Bottom Bars	Quantity (E.V. Bott)
3.0	3'-0"	3'-0"	1'-4"	Rebar : # 4	4
3.0A	3'-0"	3'-0"	2'-8"	Rebar : # 4	4
3.5	3'-6"	3'-6"	1'-4"	Rebar : # 4	5
3.5A	3'-6"	3'-6"	2'-8"	Rebar : # 4	5
4.0A	4'-0"	4'-0"	2'-8"	Rebar : # 4	5
4.5	4'-6"	4'-6"	1'-8"	Rebar : # 4	6
4.5A	4'-6"	4'-6"	2'-8"	Rebar : # 4	6
5.0	5'-0"	5'-0"	2'-8"	Rebar : # 5	6
5.5A	5'-6"	5'-6"	2'-8"	Rebar : # 5	8
6.0	6'-0"	6'-0"	1'-10"	Rebar : # 5	8
6.5	6'-6"	6'-6"	1'-8"	Rebar : # 5	9
8.0	8'-0"	8'-0"	2'-8"	Rebar : # 5	13



LEGEND:

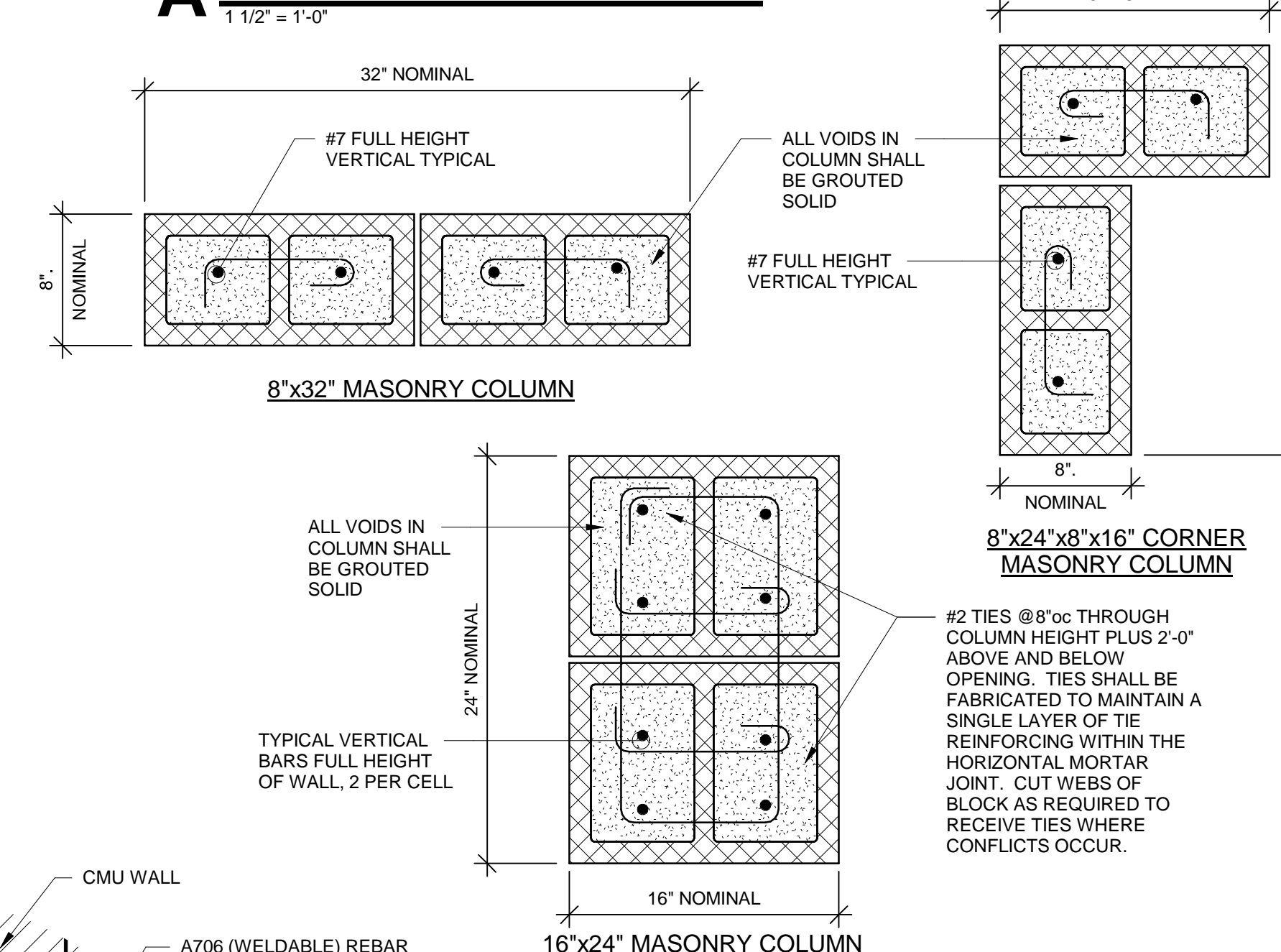
- FULL HEIGHT VERTICAL BARS AS JAMB REINFORCING IN FIRST 2 CELLS ADJACENT TO OPENING. REINFORCE EACH CELL WITH SIZE & QUANTITY OF BAR TO MATCH WALL REINFORCING (1 BAR TYPICAL IN 8' WALLS AND 2 BARS TYPICAL IN 12' WALLS).
- LINTEL REINFORCING PER SECTION C. EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
- 2-#5 CONTINUOUS HORIZONTAL BARS AS SILL REINFORCING IN 8' COURSE BELOW OPENING (U.N.O.). EXTEND 2'-0" PAST EDGE OF OPENING ON EACH SIDE (TYPICAL).
- FULL HEIGHT VERTICAL BARS PER MASONRY VERTICAL REINFORCING SCHEDULE LOCATED IN END CELL AT EACH SIDE OF VERTICAL WALL CONTROL JOINTS.

GENERAL CRITERIA: (SECTION A CONTINUED):

- VERTICAL REINFORCING BARS SHALL BE DOWELED TO FOUNDATION WITH A DOWEL OF MATCHING SIZE AND SPACING.
- CONTRACTOR SHALL COORDINATE AND VERIFY OPENINGS IN MASONRY WALLS. OPENINGS SHALL BE DETAILED ON REINFORCING STEEL SHOE DRAWING ELEVATIONS.
- VERTICAL CONTROL JOINTS IN MASONRY WALLS SHALL BE 38" WIDE, FULL HEIGHT OF WALL. JOINTS SHALL BE SPACED AT A MAXIMUM OF 24'-0" ON CENTER AND NOT LESS THAN 2'-0" FROM THE EDGE OF ANY OPENING. ALL HORIZONTAL JOINT REINFORCING SHALL BE DISCONTINUOUS AT CONTROL JOINTS. ALL BOND BEAM HORIZONTAL REINFORCING SHALL BE CONTINUOUS THROUGH CONTROL JOINTS. CONTRACTOR SHALL COORDINATE AND VERIFY ALL CONTROL JOINT LOCATIONS.

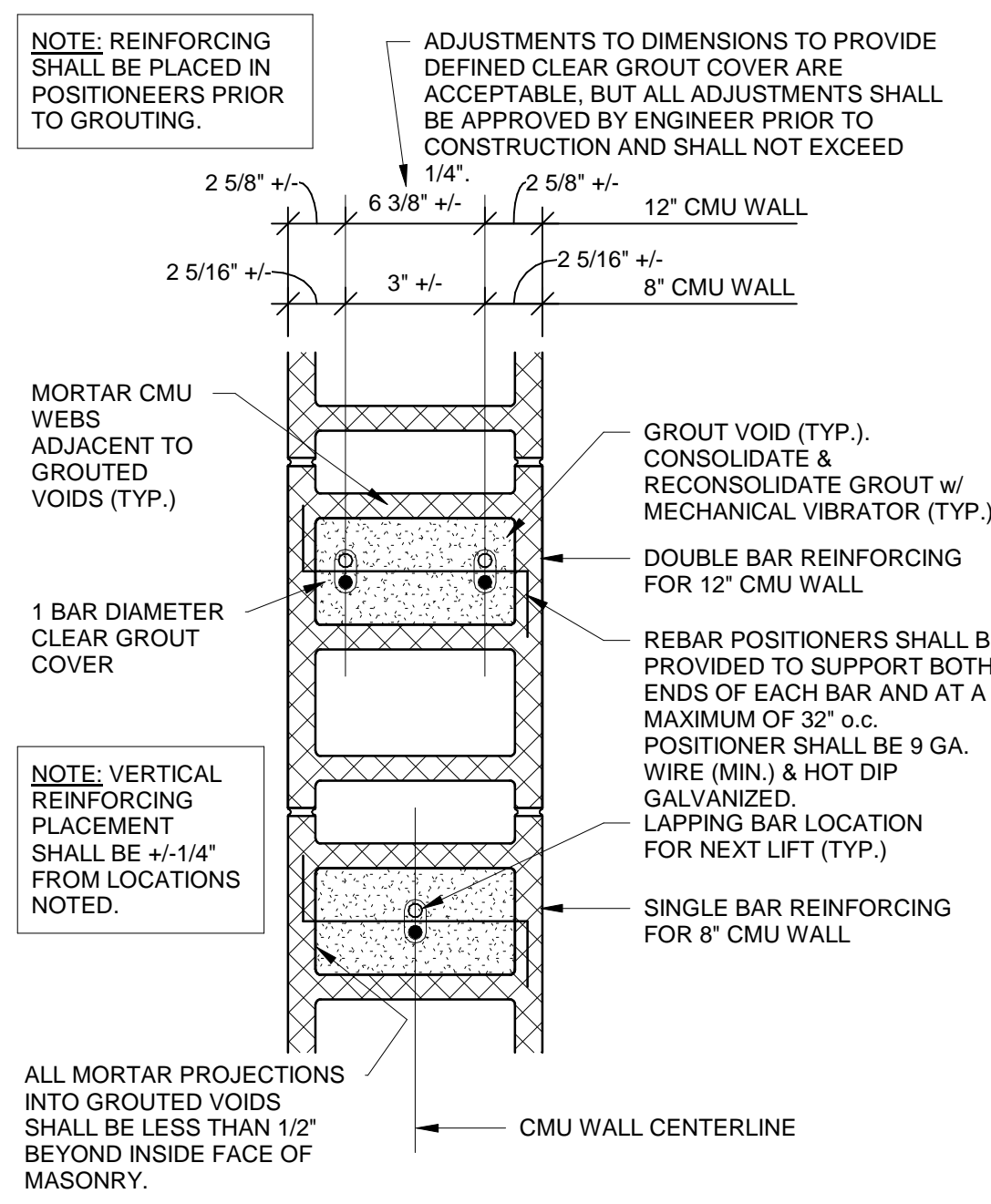
A CMU WALL ELEVATION

1 1/2" = 1'-0"



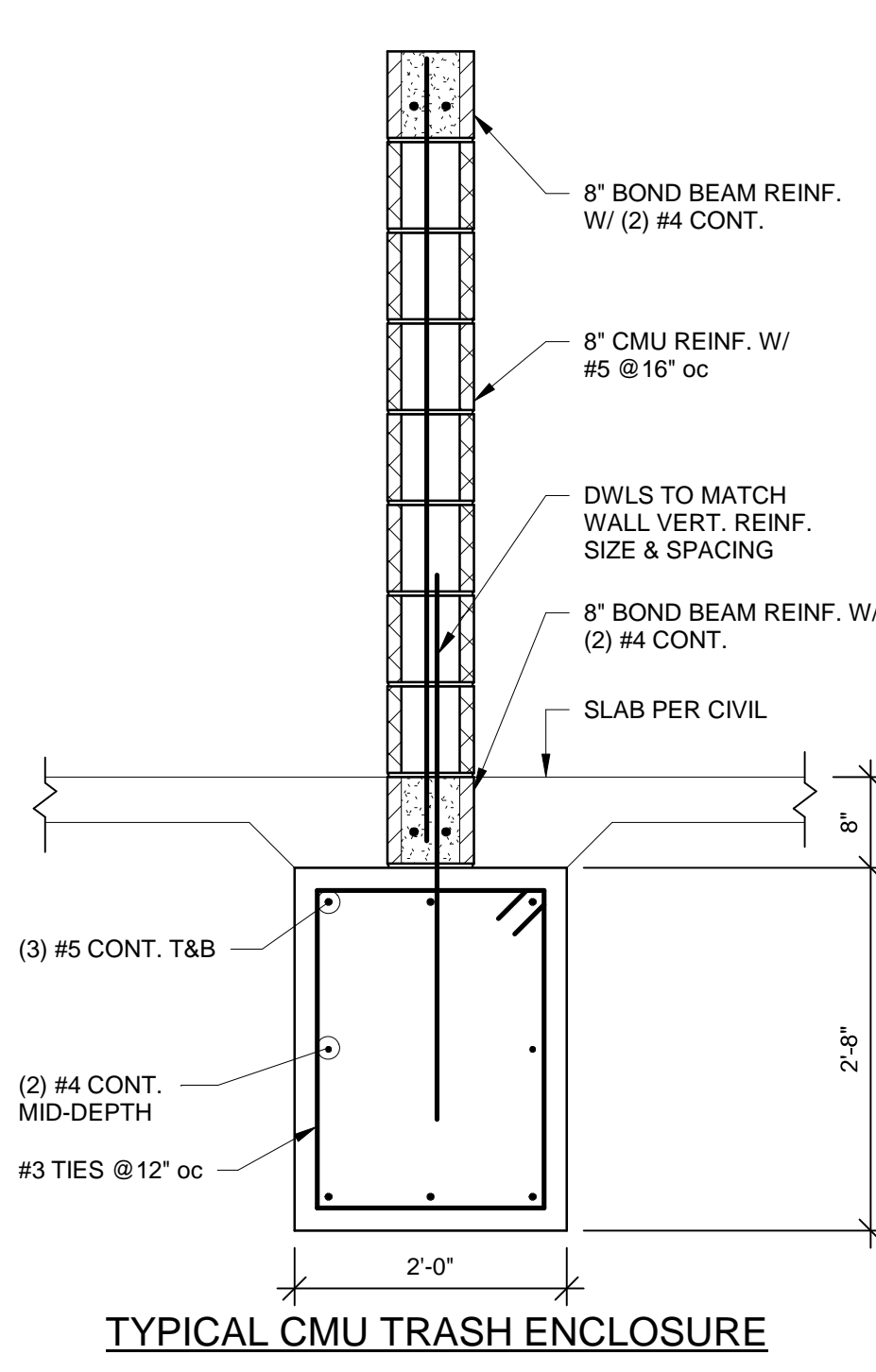
E SECTION

1 1/2" = 1'-0"



B SECTION

1 1/2" = 1'-0"



1 SECTION

3/4" = 1'-0"



ARCHITECT:
STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

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DATE: 7.15.2021

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	7.15.2021
2	REVISIONS	
3		
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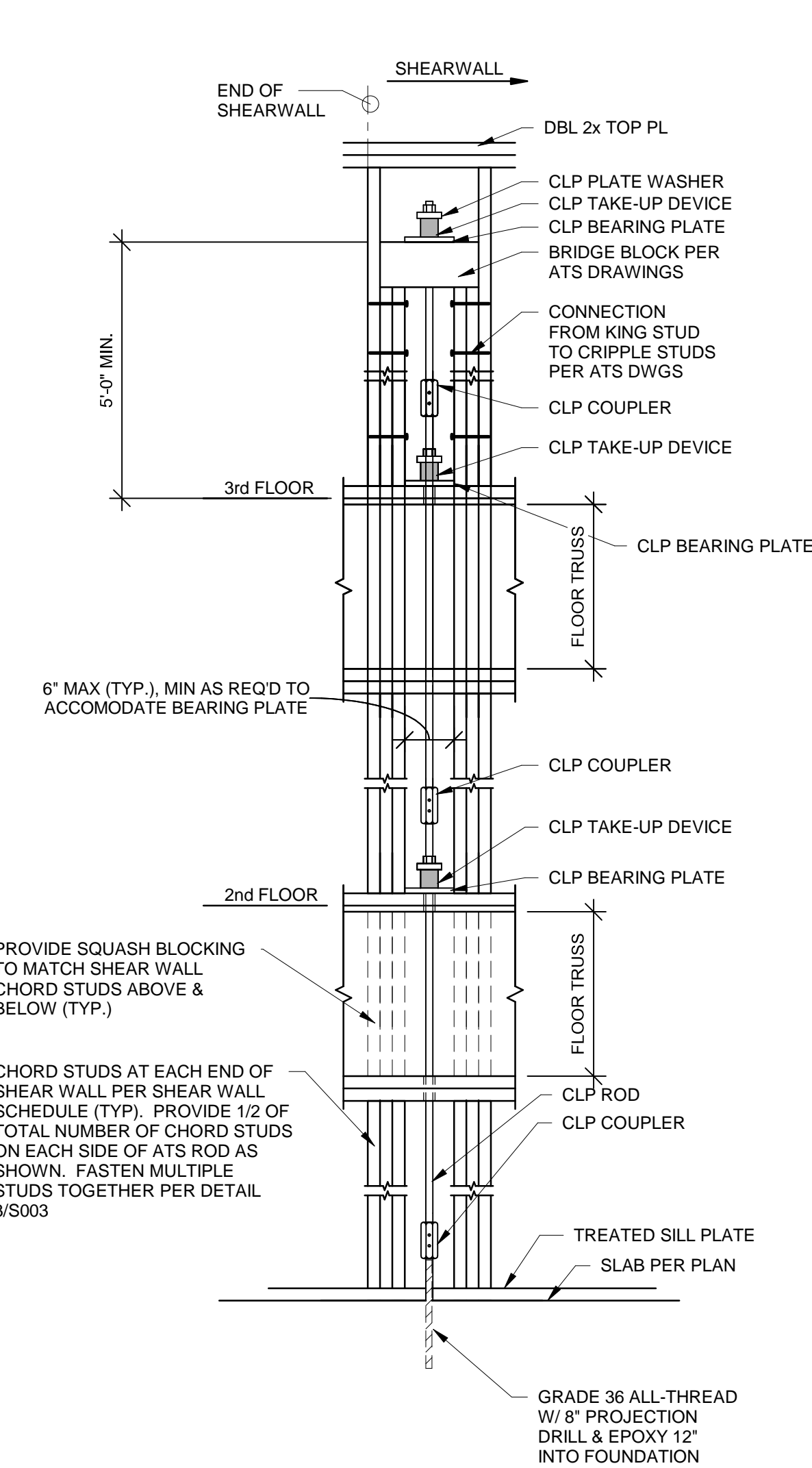
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TRi PROJECT NO. 20-001

SHEET NO.

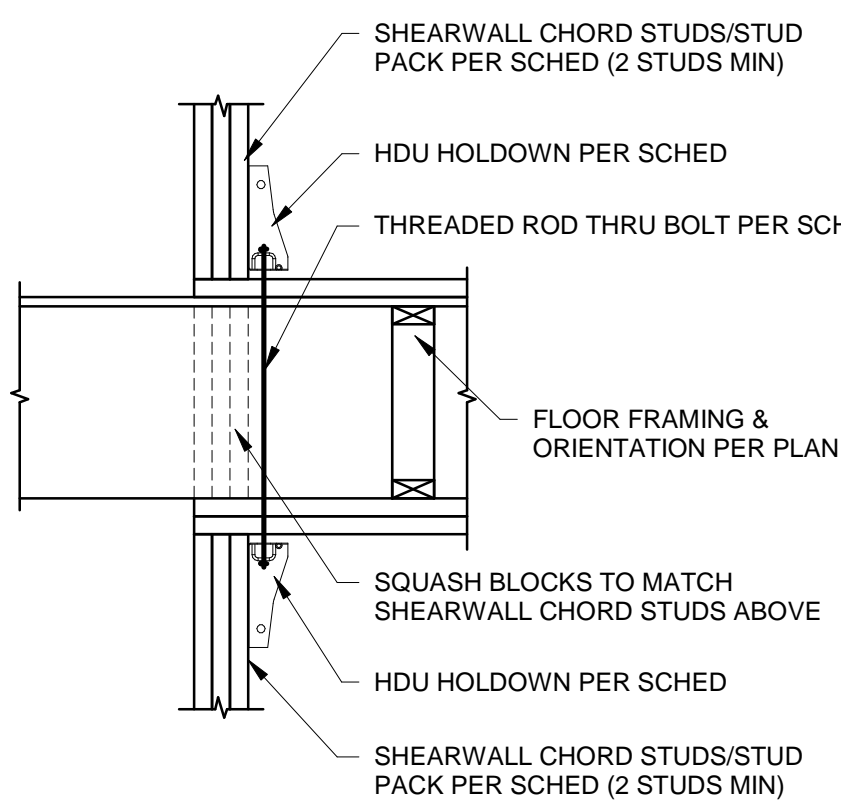
S002

SCHEDULES & CMU DETAILS



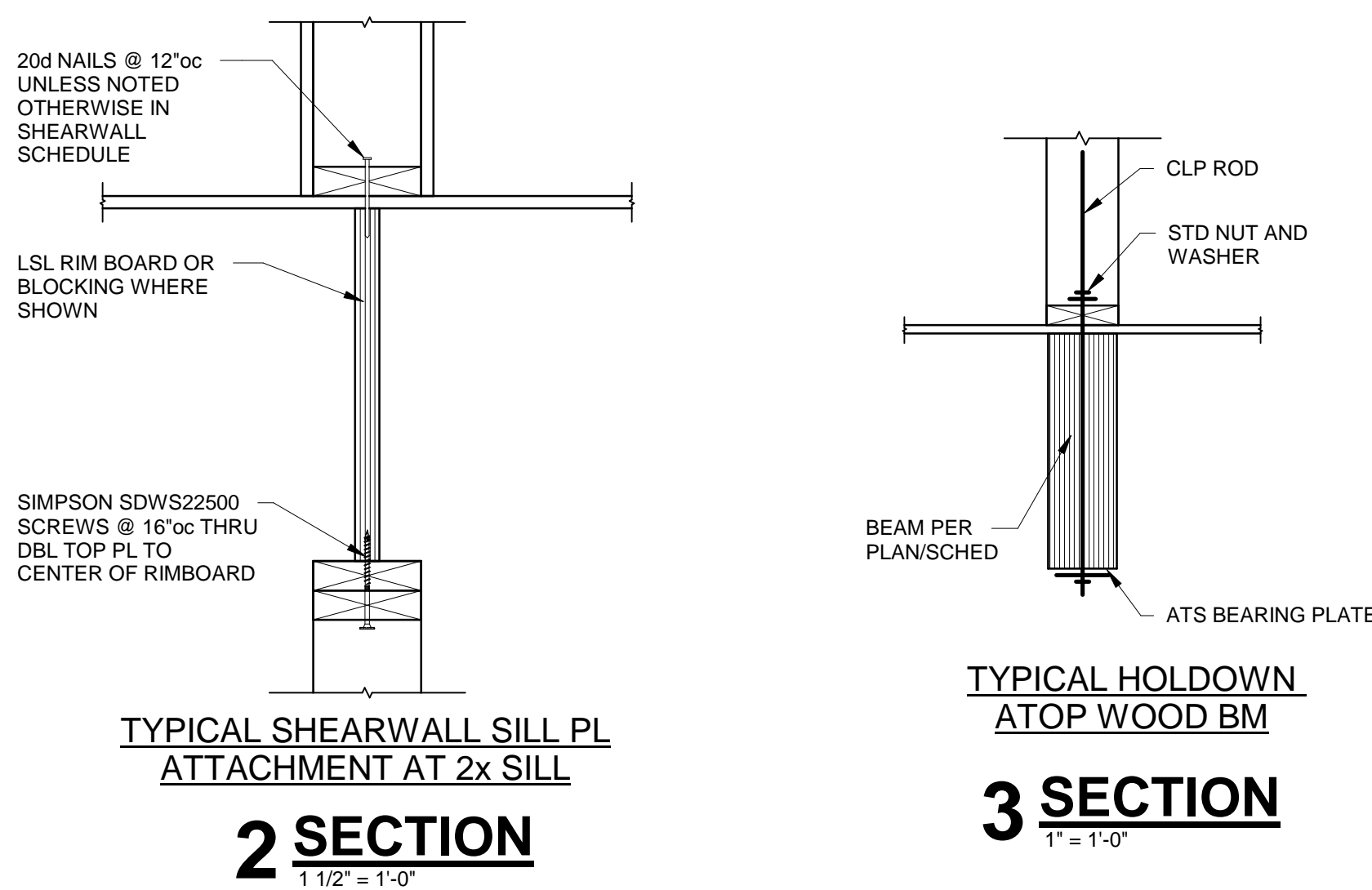
**TYPICAL ANCHOR TIEDOWN SYSTEM
DETAIL AT EACH END OF SHEAR WALLS**
REFER TO PLANS FOR SHEAR WALL LOCATIONS AND TO SHEAR
WALL SCHEDULE ON THIS SHEET FOR ADDITIONAL INFORMATION.

1 DETAIL



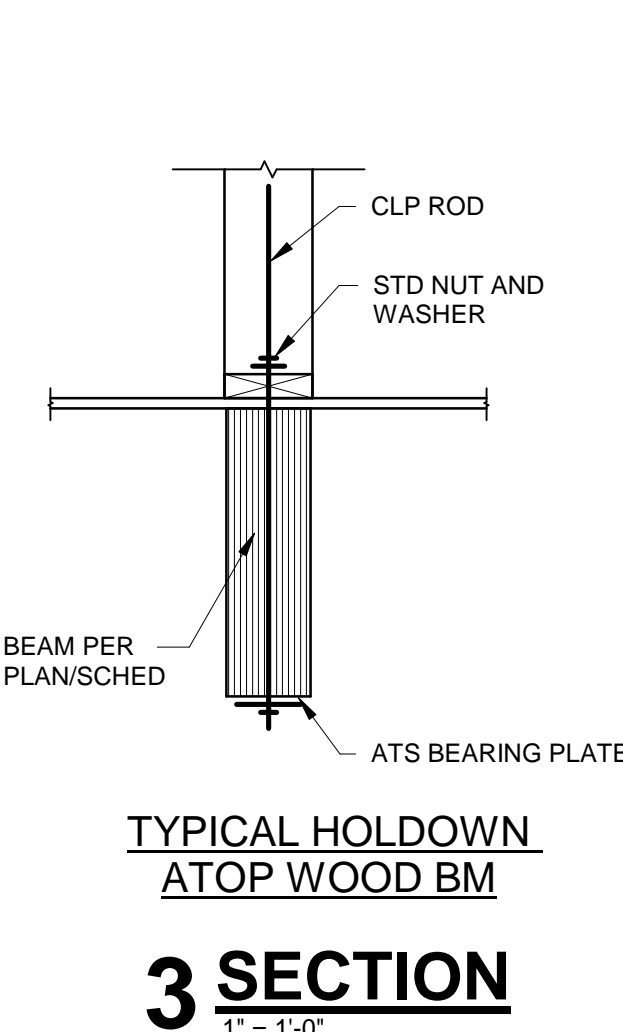
TYPICAL HDU FLOOR TO FLOOR HOLDOWN

7 SECTION



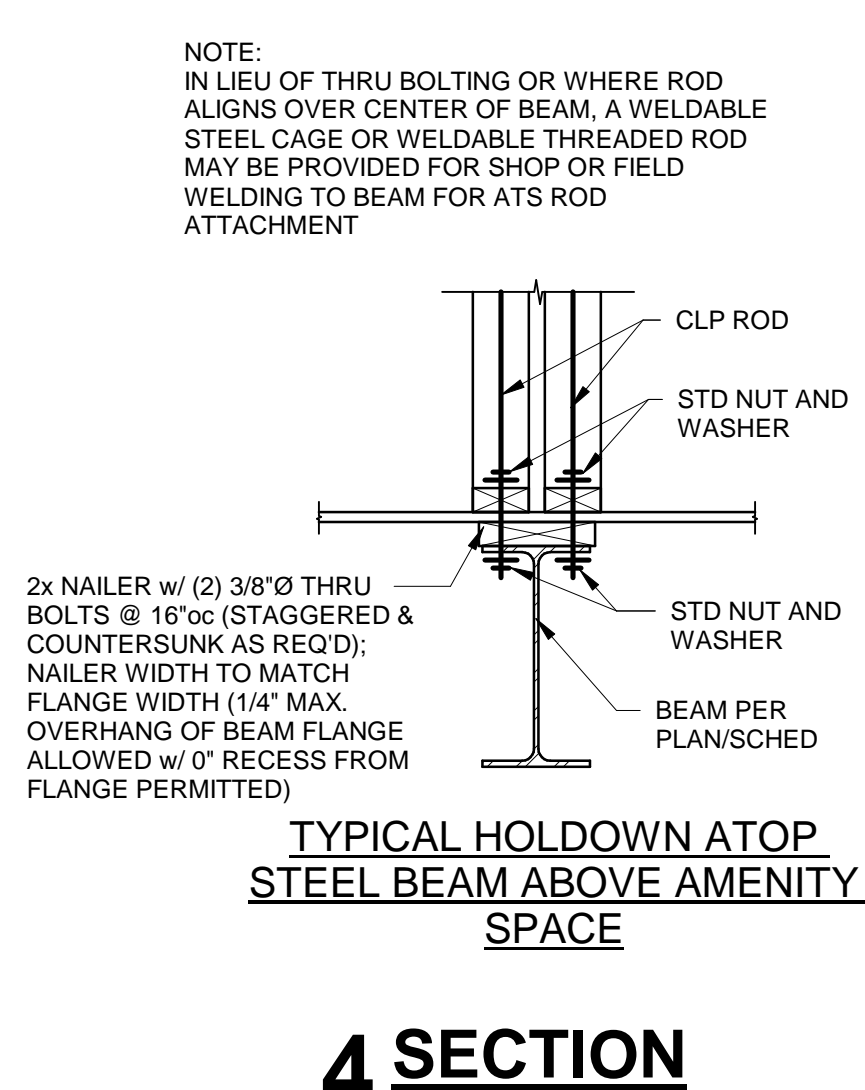
**TYPICAL SHEARWALL SILL PL
ATTACHMENT AT 2x SILL**

2 SECTION



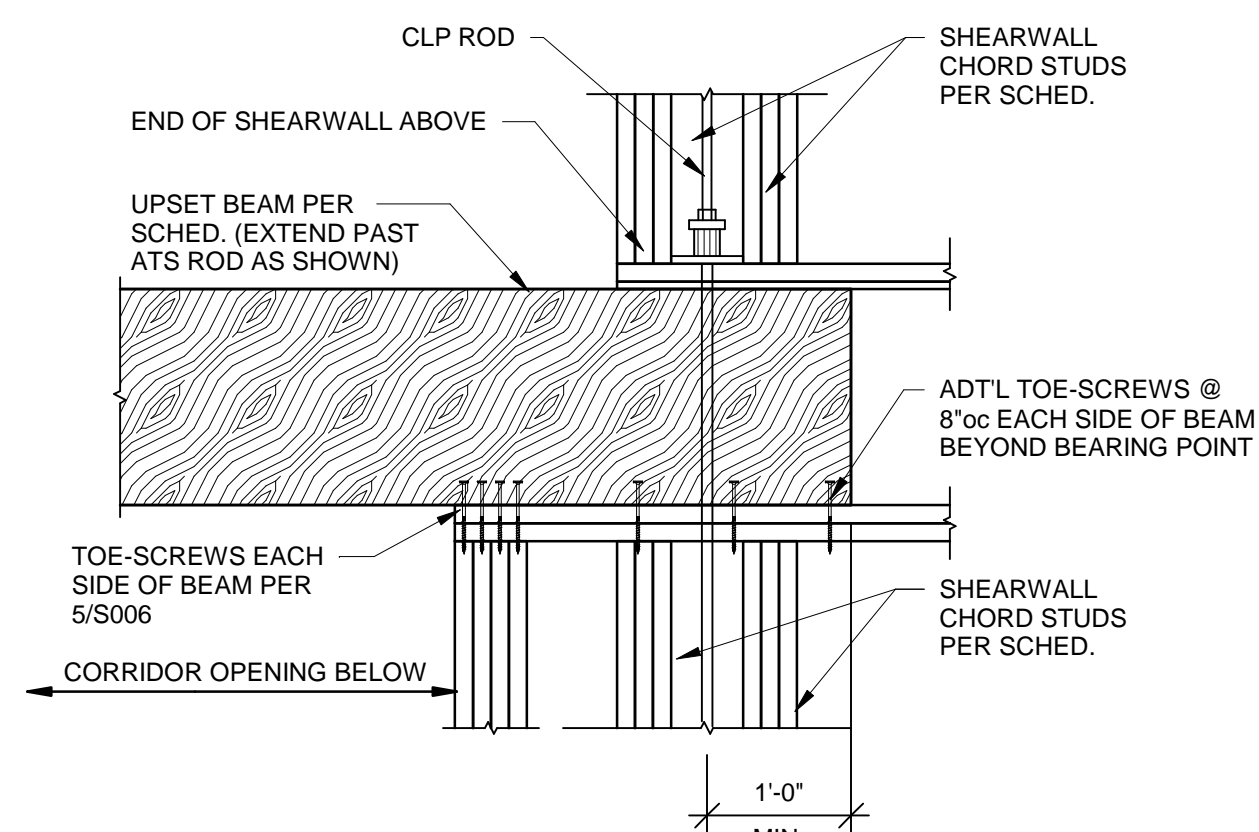
**TYPICAL HOLDOWN
ATOP WOOD BM**

3 SECTION



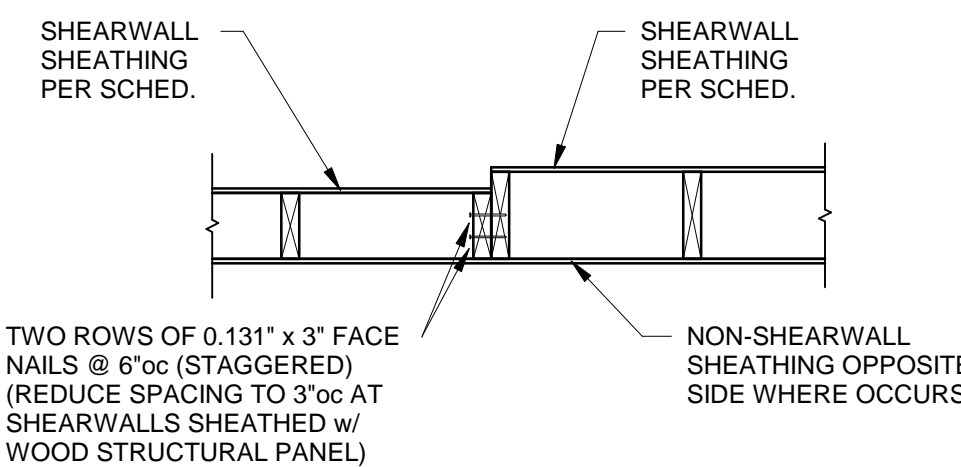
**TYPICAL HOLDOWN ATOP
STEEL BEAM ABOVE AMENITY
SPACE**

4 SECTION



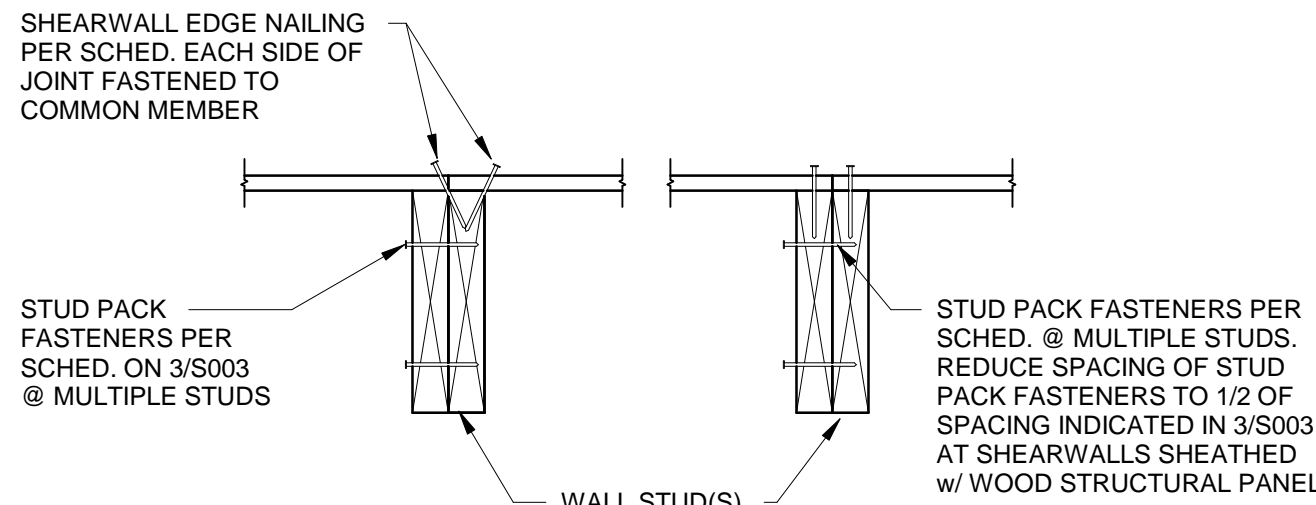
TYPICAL UPSET BEAM NEAR END OF SHEARWALL

5 SECTION



**TYPICAL SHEARWALL DETAIL AT
WALL STUD SIZE TRANSITION**

8 SECTION



TYPICAL SHEARWALL SHEATHING JOINT

9 SECTION

SHEARWALL SCHEDULE					
SHEARWALL TYPE		FLOOR			PLATE CONNECTION (SILL TO RM BOARD & RIM BOARD TO TOP PLATE) (RE: NOTES 6 & 7)
		1st FLOOR WALLS	2nd FLOOR WALLS	3rd FLOOR WALLS	
SW1	SHEATHING & FASTENING	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	
	HOLDOWN	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	
SW2	SHEATHING & FASTENING	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	2nd FLR - 20d NAILS @ 8"oc
	HOLDOWN	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	
SW3	SHEATHING & FASTENING	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	5/8" GYPSUM SHEATHING FINISH SIDE, w/ EDGES BLOCKED 6d NAILS @ 7/7	3rd FLR - 20d NAILS @ 8"oc 2nd FLR - 20d NAILS @ 6"oc
	HOLDOWN	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	7/16" OSB SHEATHING AIR SIDE, w/ EDGES BLOCKED 6d NAILS @ 6/12	

- NOTES:
- NAILING SHALL BE TO ALL STUDS, TOP & BOTTOM PLATES, AND BLOCKING WHERE INDICATED. NAILS FOR GYPSUM SHEATHING ARE COOLER NAILS AND NAILS FOR OSB SHEATHING ARE COMMON NAILS. GYPSUM CAN BE ATTACHED WITH DRYWALL SCREWS AT SAME SPACING INDICATED FOR NAILS.
 - HOLDOWNS PER PLAN & SCHEDULE.
 - WHERE THE ENDS OF PERPENDICULAR SHEAR WALLS INTERSECT AND ONLY ON HOLDOWN SHOWN ON PLAN, FASTEN ALL STUDS TOGETHER PER SCHEDULE AND USE LARGER OF THE TWO HOLDOWNS SHOWN IN THE SHEARWALL SCHEDULE.
 - REFER TO HOLDOWN SCHEDULE FOR NUMBER OF STUDS REQ'D AT EA END OF THE SHEARWALL.
 - NAIL AND STAPLE SPACING SHOWN AS (W) INDICATES FASTENERS SPACING IN INCHES AT THE EDGES/FIELD WHERE FIELD IS THE INTERMEDIATE MEMBERS.
 - TYPICAL SILL PLATE TO WOOD (RIM BOARD) SHALL BE 20d NAILS AT 12"oc UNLESS NOTED OTHERWISE IN SCHEDULE. TYPICAL WOOD (RIM BOARD) TO TOP PLATES SHALL BE SDWS22500 SCREWS @ 16"oc.
 - TYPICAL SILL PLATE TO CONCRETE SHALL BE 1/2"x6" Lg SIMPSON TITEN HD ANCHOR:
AT 2x4 WALLS SPACE AT 24"oc MAX WITH 1/4"x2 1/2"x2 1/2" PLATE WASHER OR SIMPSON BPS1/2-3 @ CONTRACTORS OPTION
AT 2x6 WALLS SPACE AT 24"oc MAX WITH 1/4"x2 1/2"x2 1/2" PLATE WASHER OR SIMPSON BPS1/2-6 @ CONTRACTORS OPTION
AT 2x8 WALLS STAGGER AT 18"oc MAX WITH 1/4"x2 1/4"x2 1/2" PLATE WASHER OR SIMPSON BPS1/2-3 @ CONTRACTORS OPTION
 - PLATE WASHERS TO MAINTAIN MAX OF 1/2" BETWEEN EDGE OF SILL PLATE AND EDGE OF PLATE WASHER.
 - OSB @ INTERIOR WALL SHALL BE IN ADDITION TO 5/8" GYP SHEATHING.
 - SHEARWALL SHEATHING CALLED OUT AT CORRIDOR WALLS SHALL BE LOCATED AT UNIT SIDE OF WALL.
 - HOLDOWN TYPES ARE BASED UPON CONTINUOUS THREADED RODS UTILIZING CLP SYSTEMS.
 - RODS SHALL HAVE THE FOLLOWING MINIMUM TENSILE CAPACITY:
A. 3/8"Ø = 2,900 LBS
B. 1/2"Ø = 4,270 LBS
C. 5/8"Ø = 6,675 LBS
D. 3/4"Ø = 9,510 LBS
 - REFER TO SECTION DETAILS ON S004 FOR TYPICAL HOLDOWN DETAILS.
 - ALL RODS TO HAVE HALF OF THE LISTED REQ'D STUDS EA SIDE OF THREADED ROD TO MATCH STUD SIZE & GRADE NOTED IN WALL SCHEDULE. CHORD STUDS ARE IN ADDITION TO BEARING WALL OR HEADER JAMB STUDS. PROVIDE ADDITIONAL STUDS AS REQ'D TO MEET QUANTITY NOTED IN SCHED. OFFSET STUD PACK 3" TYPICAL FROM CENTERLINE OF THREADED ROD. PROVIDE SQUASH BLOCKS WITHING FLOOR PLATE DEPTH (TRUSS DEPTH) ALIGNED WITH STUD PACKS. QUANTITY OF SQUASH BLOCK TO MATCH QUANTITY OF STUDS BELOW.
 - PROVIDE PLATE WASHER AND NUT CAPABLE OF DEVELOPING CAPACITY OF ROD AT EACH FLOOR.
 - PROVIDE TAKE-UP DEVICE AT EACH FLOOR CAPABLE OF ACCOMMODATING THE SHRINKAGE INDICATED IN DETAIL 1/S004.
 - PROVIDE COUPLING TAKE-UP DEVICE AS REQUIRED.
 - PROVIDE SHOP DRAWINGS SHOWING LOCATIONS OF ALL HOLD-DOWNS AND HARDWARE FOR REVIEW BY THE EOR PRIOR TO INSTALLATION.
 - THE HOLE THRU THE TOP AND SILL PLATES SHALL BE EQUAL TO THE ROD DIAMETER PLUS 1/4".



ARCHITECT	STRUCTURAL ENGINEER	CIVIL ENGINEER	GENERAL CONTRACTOR	MECHANICAL ENGINEER	PLUMBING ENGINEER	ELECTRICAL ENGINEER
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DATE: 7.15.2021

REVISIONS

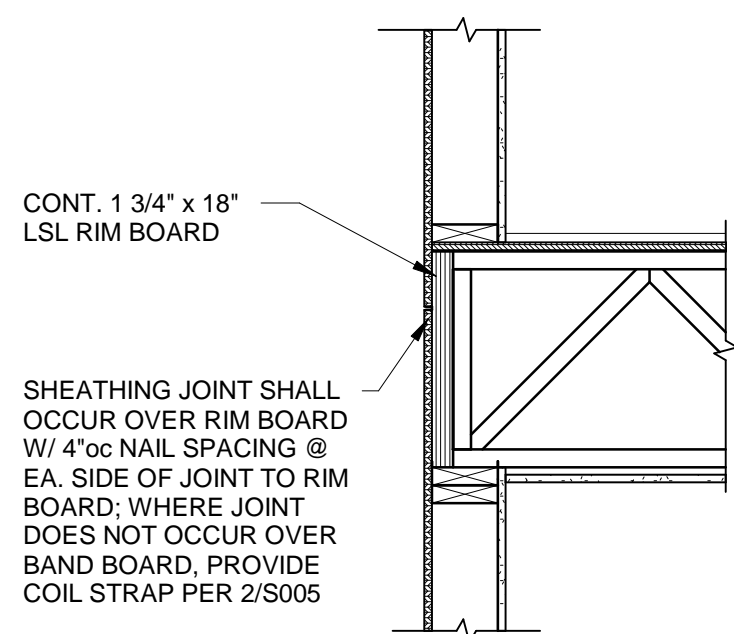
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SHEET NO.

S004

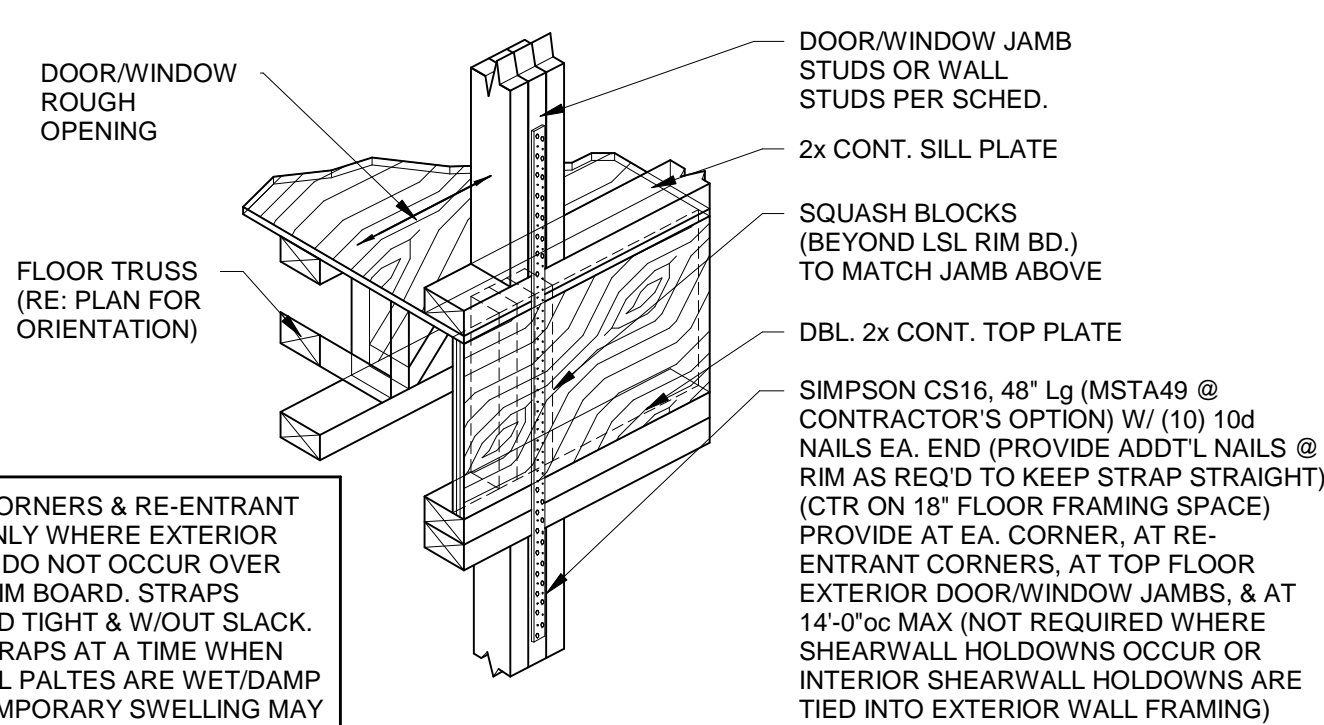
TYPICAL WOOD LATERAL
SCHEDULES & DETAILS



TYPICAL EXTERIOR SHEATHING JOINT

1 SECTION

3/4" = 1'-0"



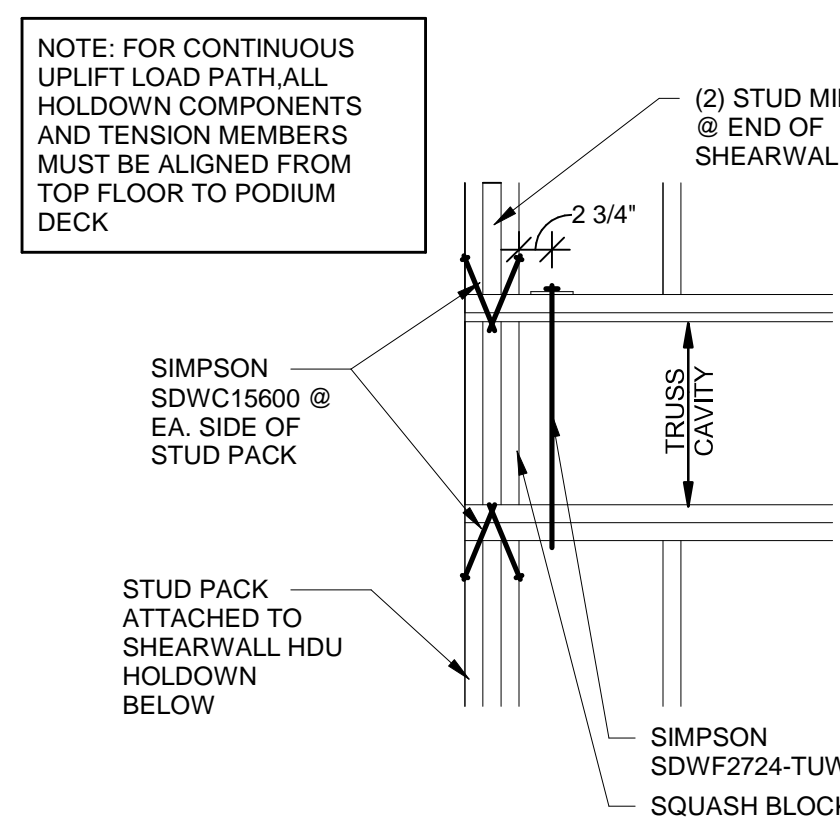
NOTE: STRAPS @ CORNERS & RE-ENTRANT CORNERS REQ'D ONLY WHERE EXTERIOR SHEATHING JOINTS DO NOT OCCUR OVER CONTINUOUS LSL RIM BOARD. STRAPS SHALL BE INSTALLED TIGHT & W/OUT SLACK. DO NOT INSTALL STRAPS AT A TIME WHEN SUBFLOOR OR WALL PATES ARE WET/DAMP DUE TO RAIN AS TEMPORARY SWELLING MAY CAUSE SLACK IN STRAPS AFTER DRYING. STRAPS MAY BE INSTALLED ON INTERIOR OF BLDG WHERE BULGING OF STRAP WOULD NEGATIVELY IMPACT EXTERIOR FINISH (STUCCO, SIDING, ETC.)

NOTE: USE DETAIL 2A/S005 IN LIEU OF STRAPS @ CONTRACTORS OPTION

TYPICAL COIL STRAP @ EXTERIOR JAMBS SUPPORTING ROOF FRAMING AT FLOOR DIRECTLY BELOW ROOF AND FLOOR TO FLOOR TIES WHERE DETAIL 1/S005 IS NOT FOLLOWED

2 SECTION

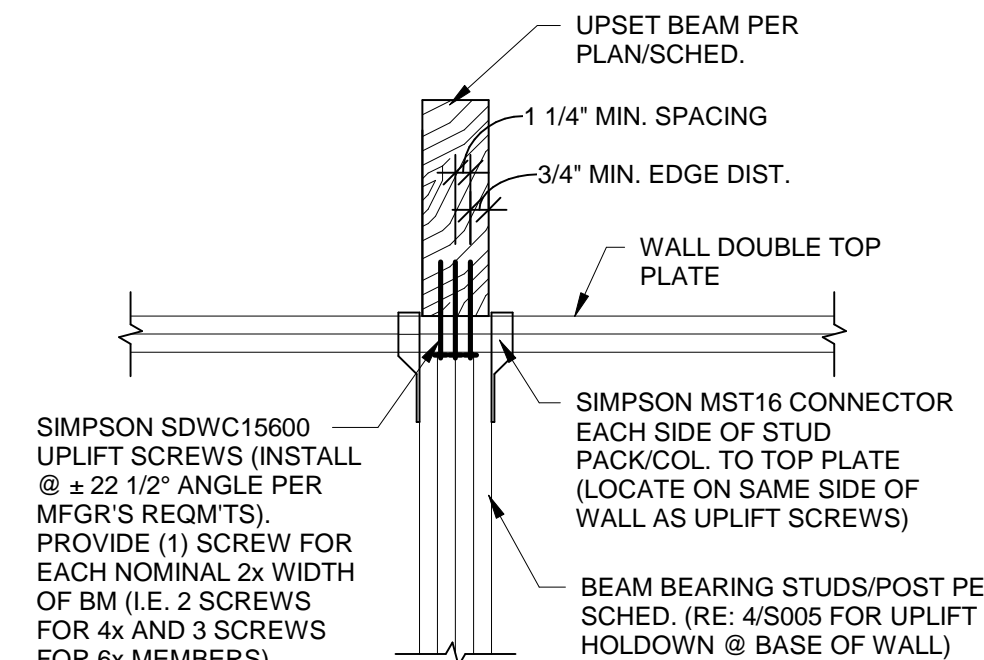
3/4" = 1'-0"



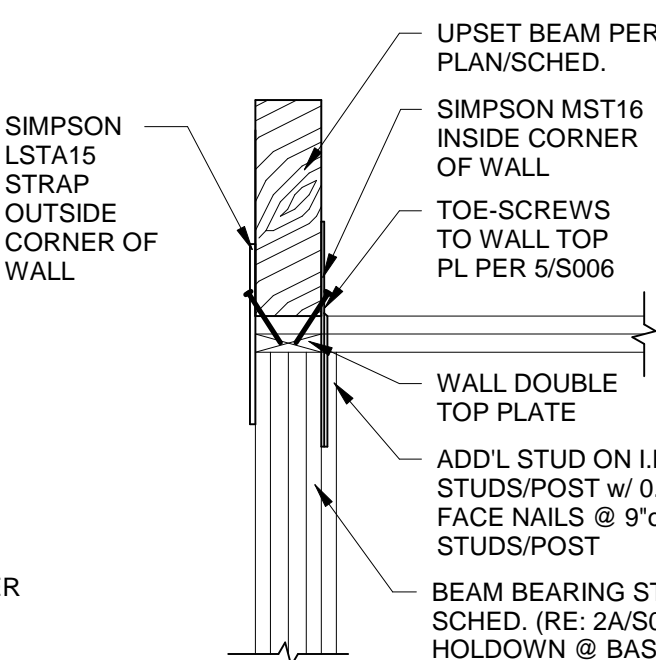
ALTERNATE FLOOR TO FLOOR TIE-DOWN AT END OF WALL

5 SECTION

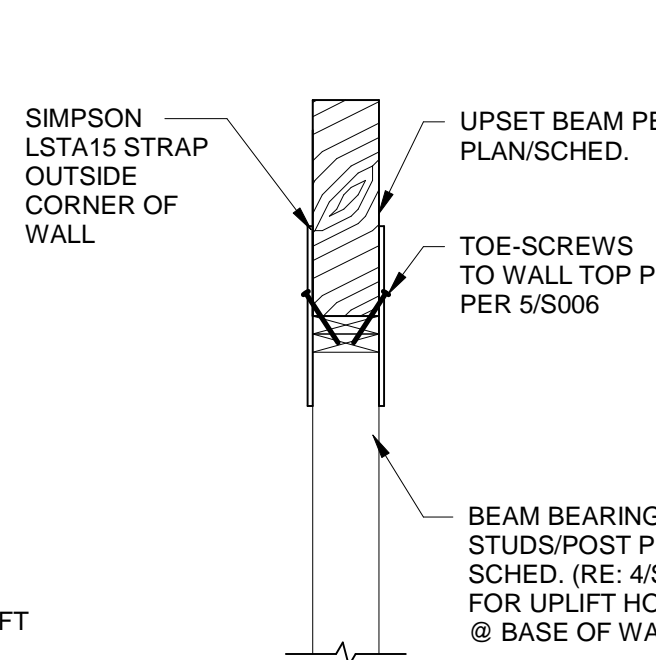
3/4" = 1'-0"



TYPICAL AT PERPENDICULAR WALL



TYPICAL AT WALL CORNERS

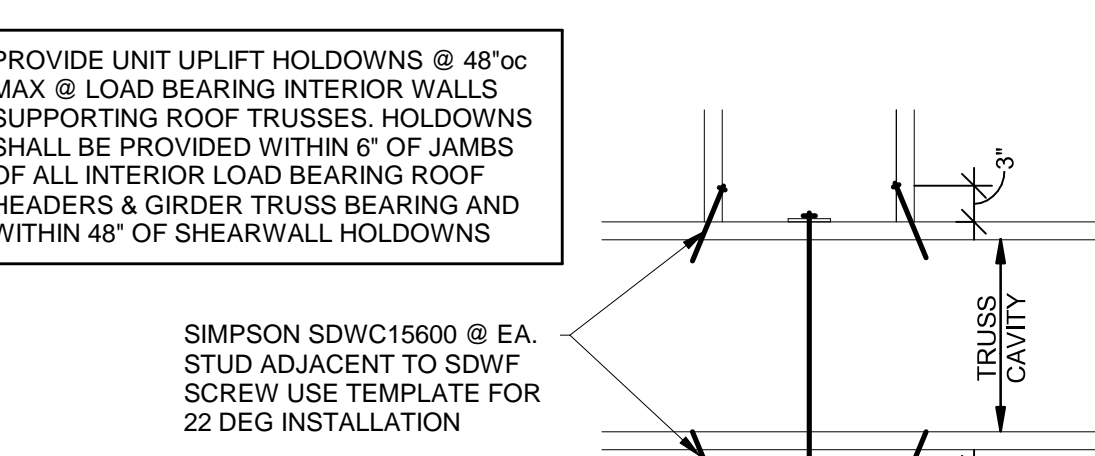


TYPICAL AT PARALLEL WALL

TYPICAL FLOOR-TO-FLOOR SCREW @ EXTERIOR JAMBS SUPPORTING ROOF FRAMING AT FLOOR DIRECTLY BELOW ROOF AND FLOOR TO FLOOR TIES WHERE DETAIL 1/S005 IS NOT FOLLOWED

2A SECTION

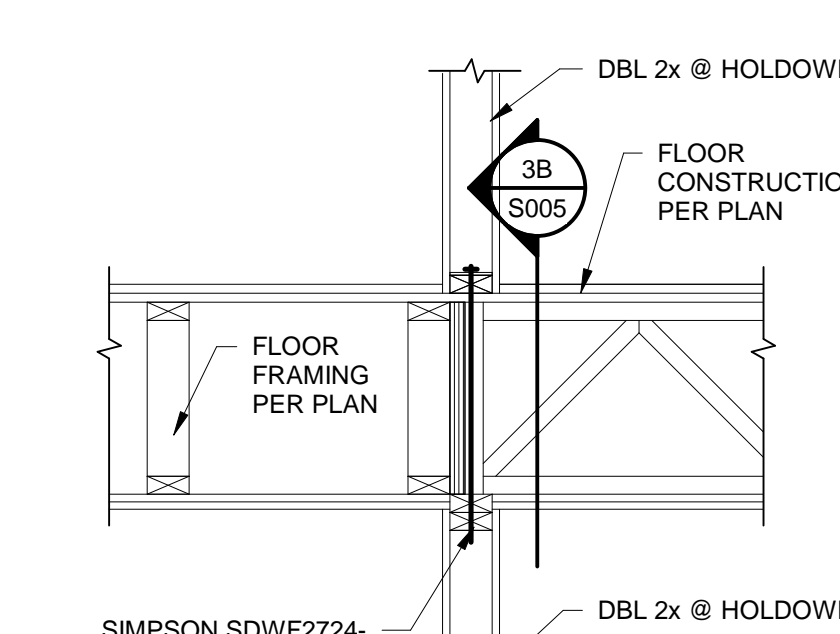
3/4" = 1'-0"



TYP SIDE VIEW AT DBL STUD SCREWS AT HOLDOWN

3B DETAIL

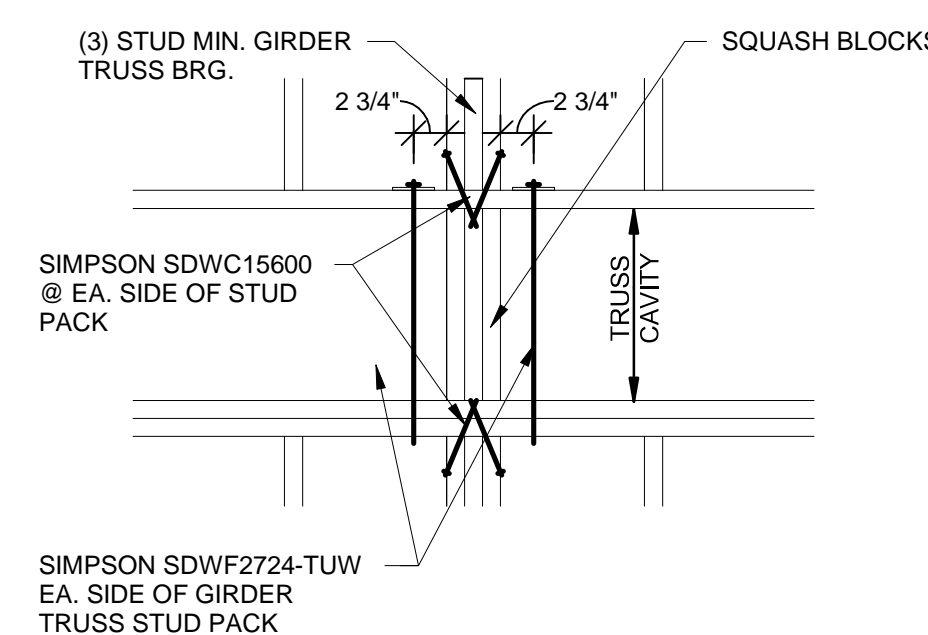
3/4" = 1'-0"



TYPICAL UNIT UPLIFT HOLDOWN DETAIL @ TOP FLOOR ROOF TRUSS BEARING WALLS

3A SECTION

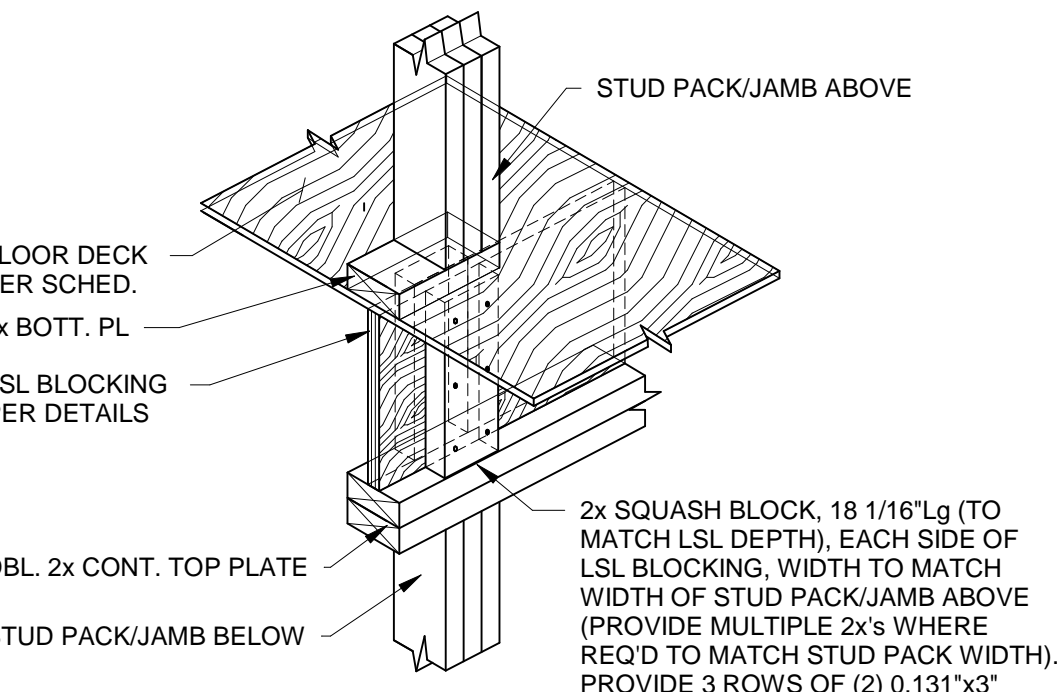
3/4" = 1'-0"



TYPICAL GIRDER TRUSS UPLIFT HOLDOWN DETAIL @ TOP FLOOR

4 SECTION

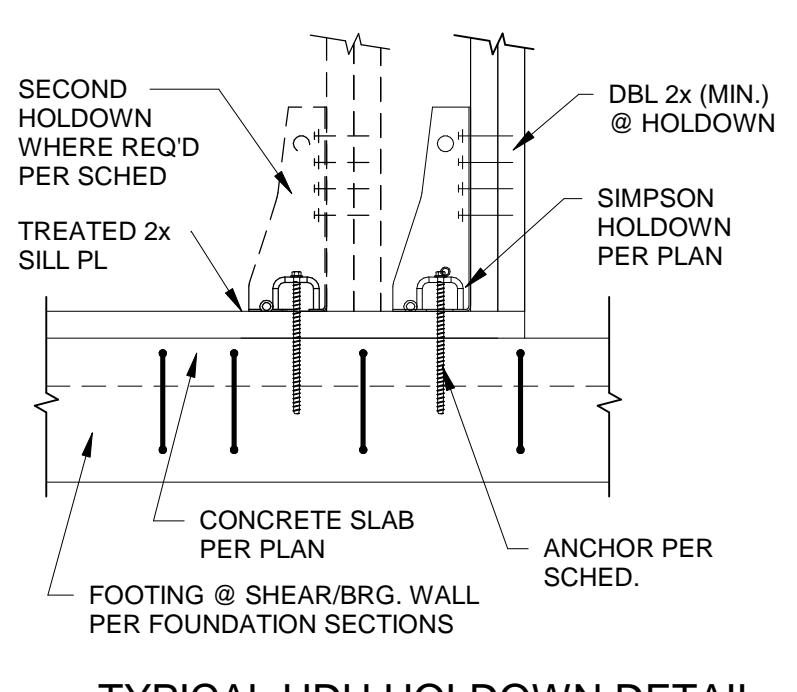
3/4" = 1'-0"



TYPICAL SQUASH BLOCK DETAIL AT LSL BLOCKING

7A SECTION

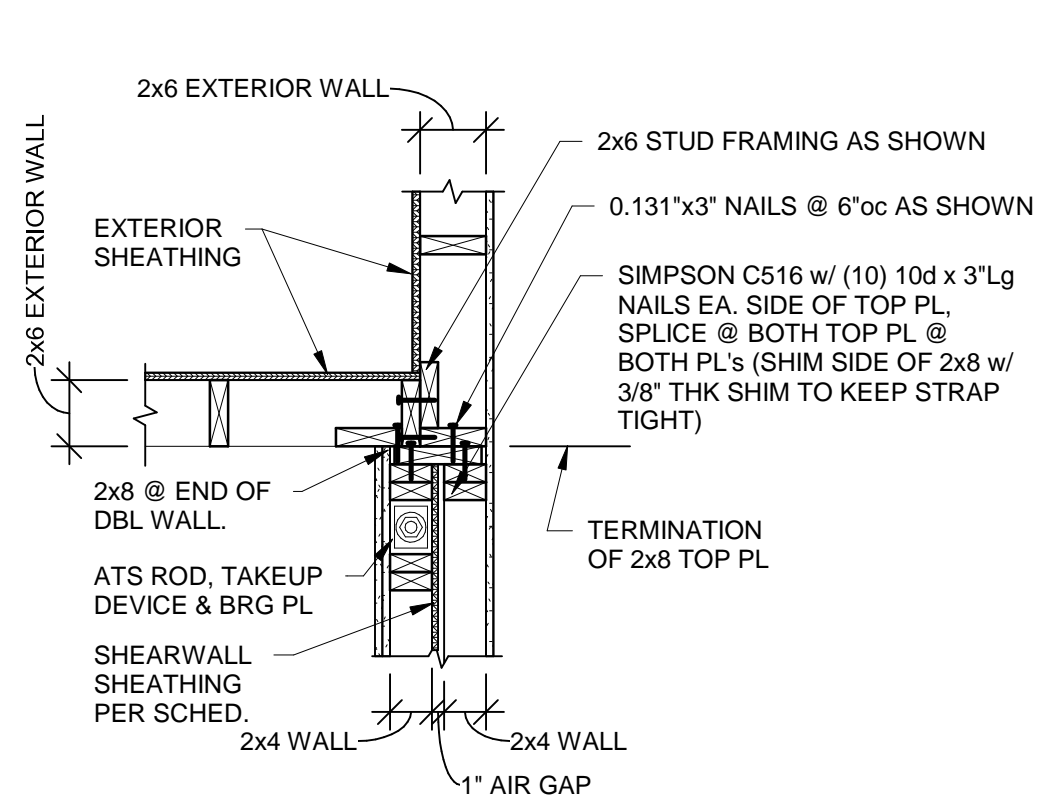
3/4" = 1'-0"



TYPICAL HDU HOLDOWN DETAIL

8 SECTION

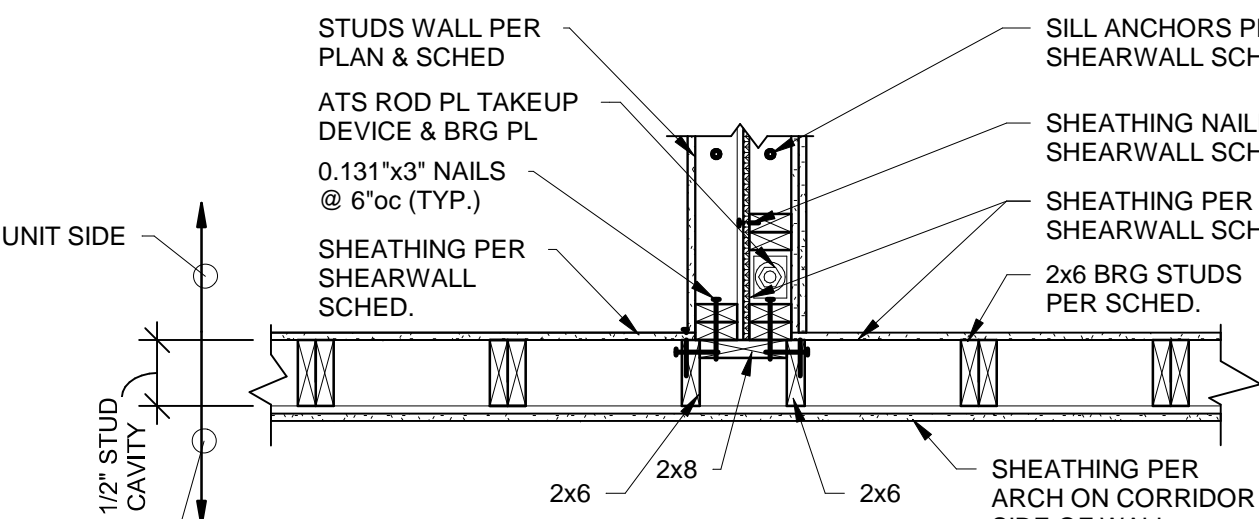
3/4" = 1'-0"



TYPICAL @ UNIT PARTY WALL TRANSITION TO 2x6 EXT. WALL

9 SECTION

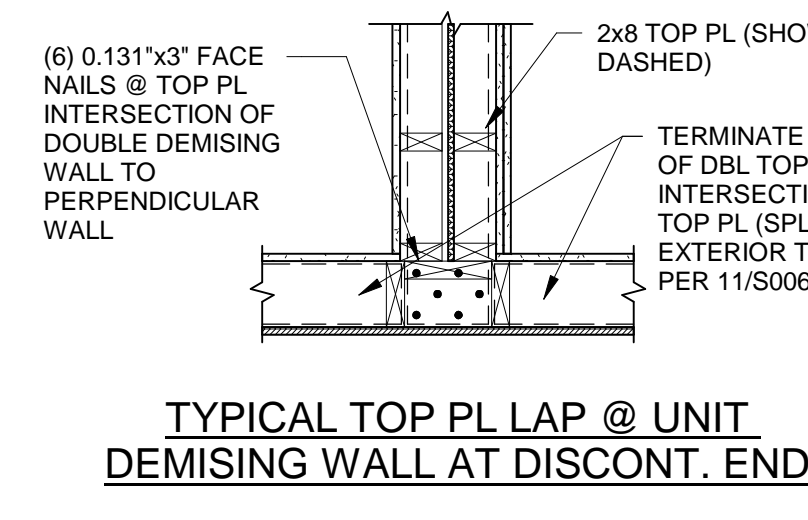
3/4" = 1'-0"



TYPICAL INTERSECTION OF UNIT DEMISING WALL & CORRIDOR WALL (SIM @ EXT. WALL)

10 SECTION

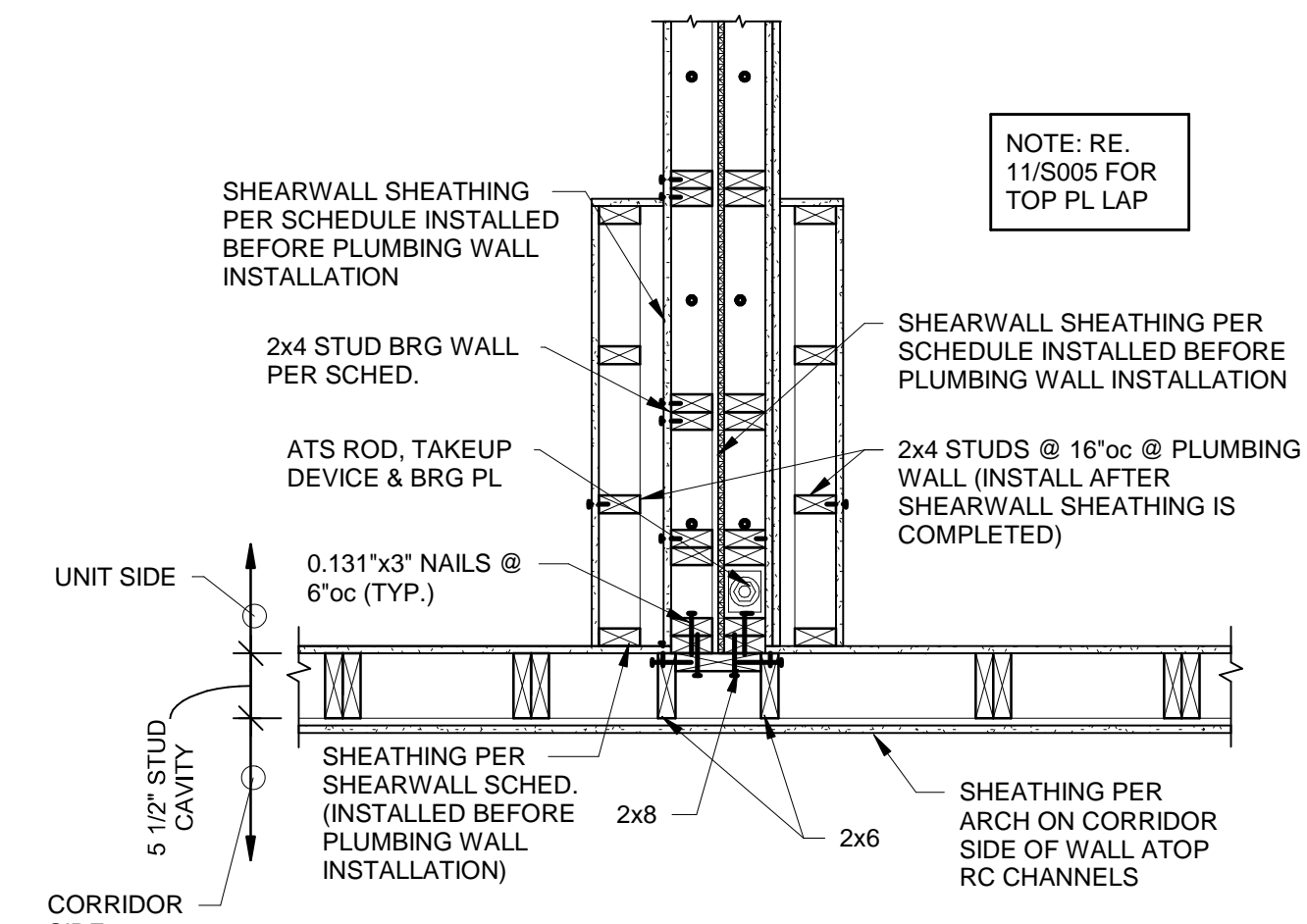
3/4" = 1'-0"



TYPICAL TOP PL LAP @ UNIT DEMISING WALL AT DISCONT. END

11 SECTION

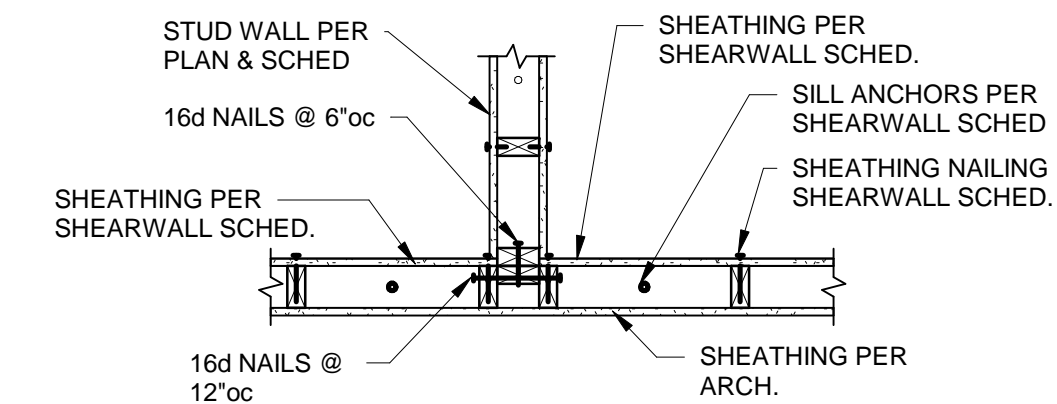
3/4" = 1'-0"



TYPICAL INTERSECTION OF CORRIDOR WALL AND UNIT DEMISING WALL w/ PLUMBING WALL

12 SECTION

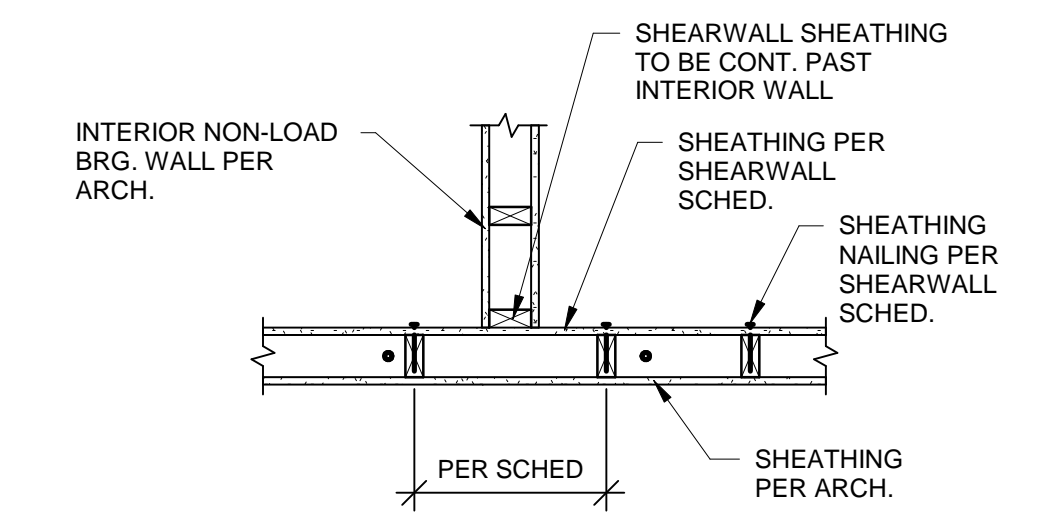
3/4" = 1'-0"



TYPICAL @ DISCONTINUOUS SHEARWALL SHEATHING

13 SECTION

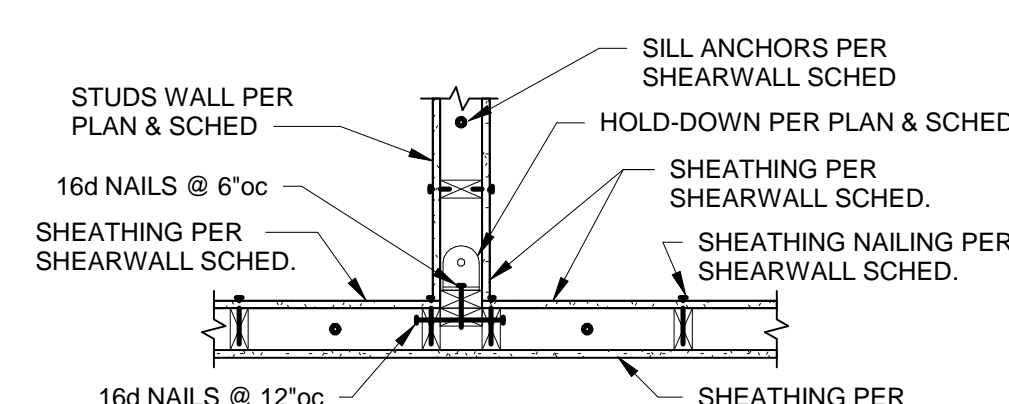
3/4" = 1'-0"



TYPICAL @ SHEARWALL SHEATHING CONTINUOUS PAST NON-LOAD BRG WALL

14 SECTION

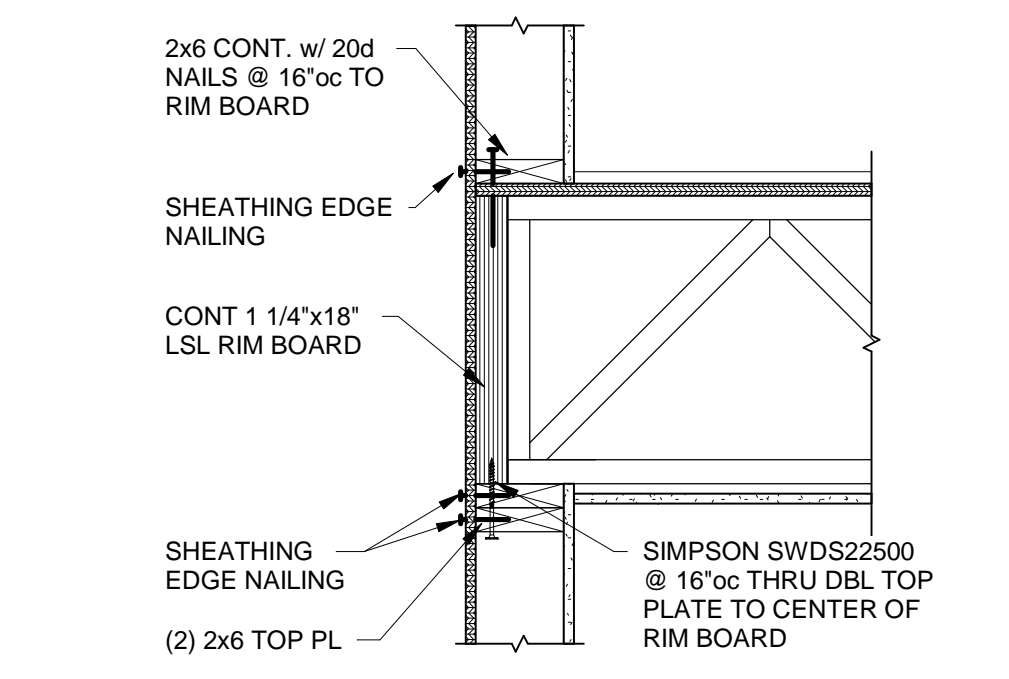
3/4" = 1'-0"



TYPICAL LATERAL NAILING AT EXTERIOR WALL WITH TRUSS BEARING

15 SECTION

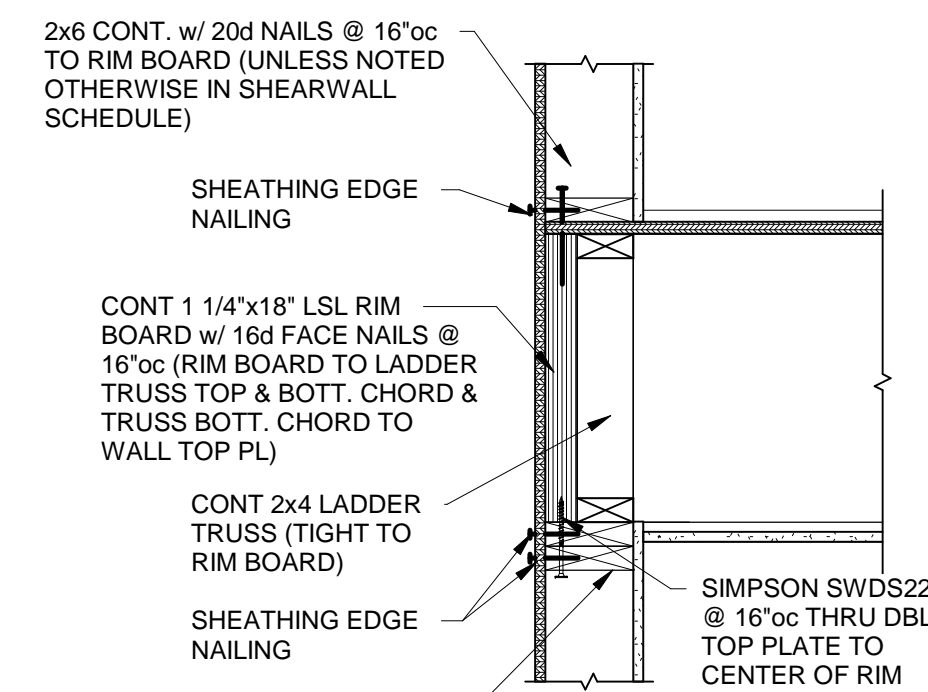
3/4" = 1'-0"



TYPICAL LATERAL NAILING AT EXTERIOR WALL WITH TRUSS BEARING

16 SECTION

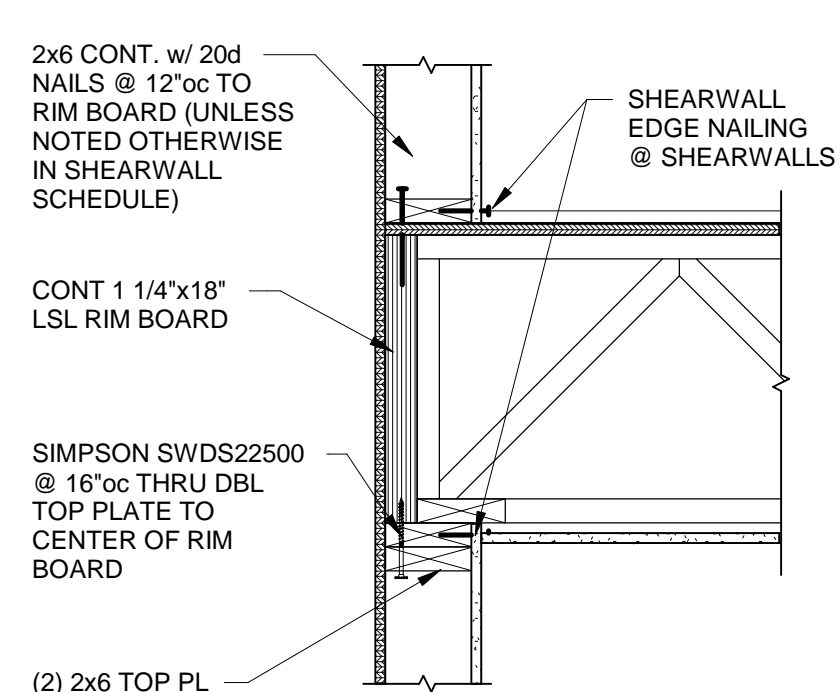
1" = 1'-0"



TYPICAL LATERAL NAILING AT EXTERIOR WALL PARALLEL TO TRUSSES

16A SECTION

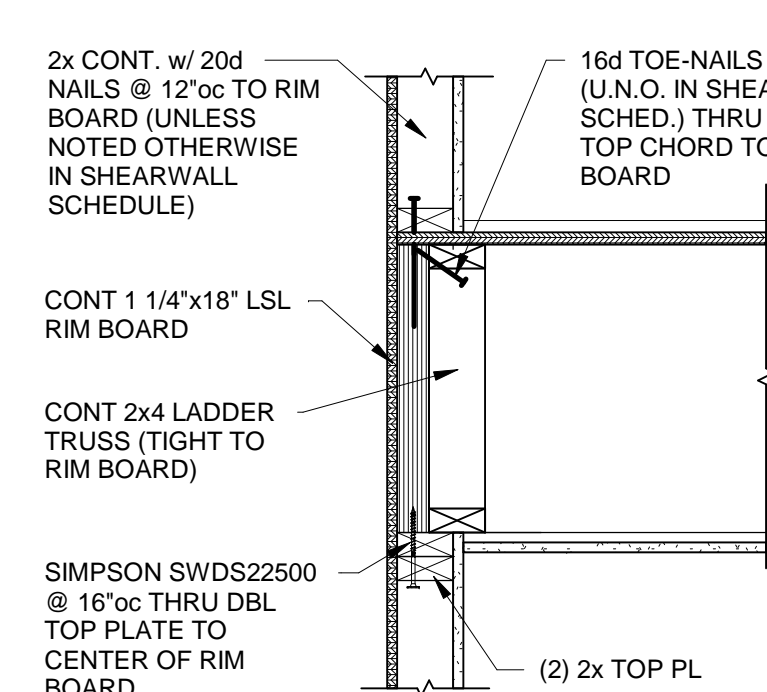
1" = 1'-0"



TYPICAL LATERAL NAILING AT ONE SIDED WALL WITH TRUSS BEARING

16B SECTION

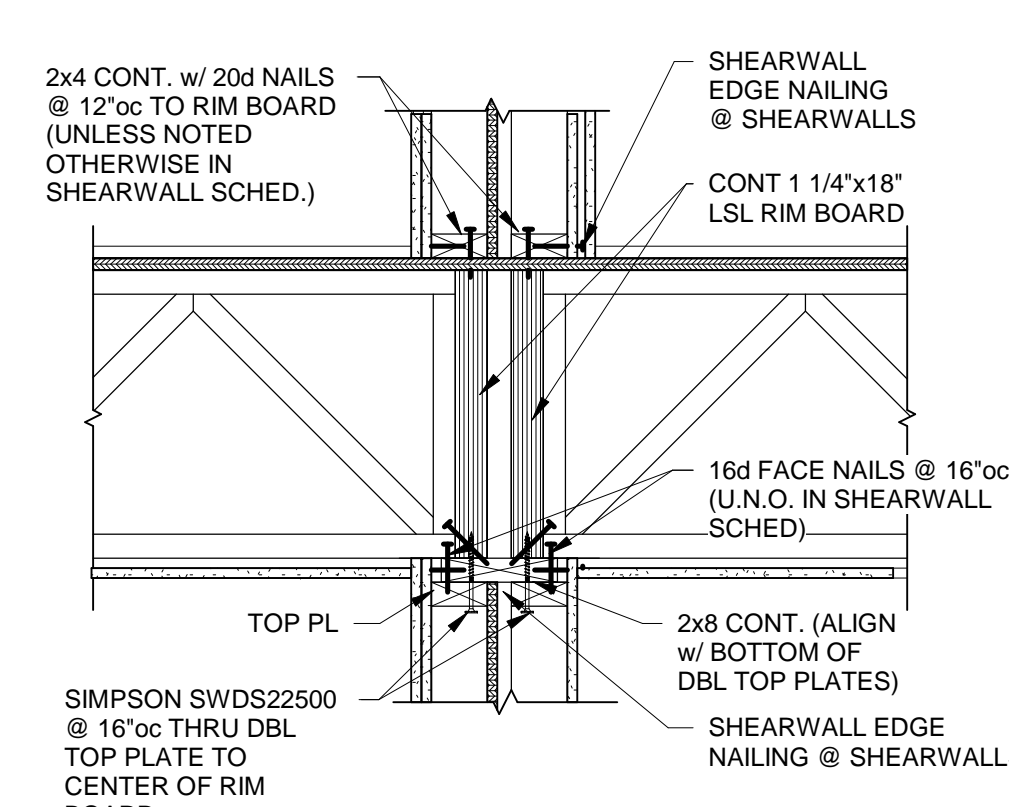
1" = 1'-0"



TYPICAL LATERAL NAILING AT UNIT DEMISING WALL OR ONE SIDED WALL PARALLEL TO TRUSSES

16C SECTION

1" = 1'-0"



TYPICAL LATERAL NAILING AT DOUBLE UNIT DEMISING WALLS WITH TRUSS BEARING

16D SECTION

1" = 1'-0"



ARCHITECT: TRI ARCHITECTS
STRUCTURAL ENGINEER: BOB D CAMPBELL & COMPANY
CIVIL ENGINEER: SM ENGINEERING
GENERAL CONTRACTOR: BRINKMANN CONSTRUCTORS
MECHANICAL ENGINEER: LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER: LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER: LATIMER SOMMERS & ASSOCIATES



The Signature at West Pryor

2100 AND 2150 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081



TRI Architects
1790 S. Brentwood Blvd.
St. Louis, Missouri 63144
T: 314-305-9760
www.triarchitects.com

DATE: 7.15.2021

REVISIONS

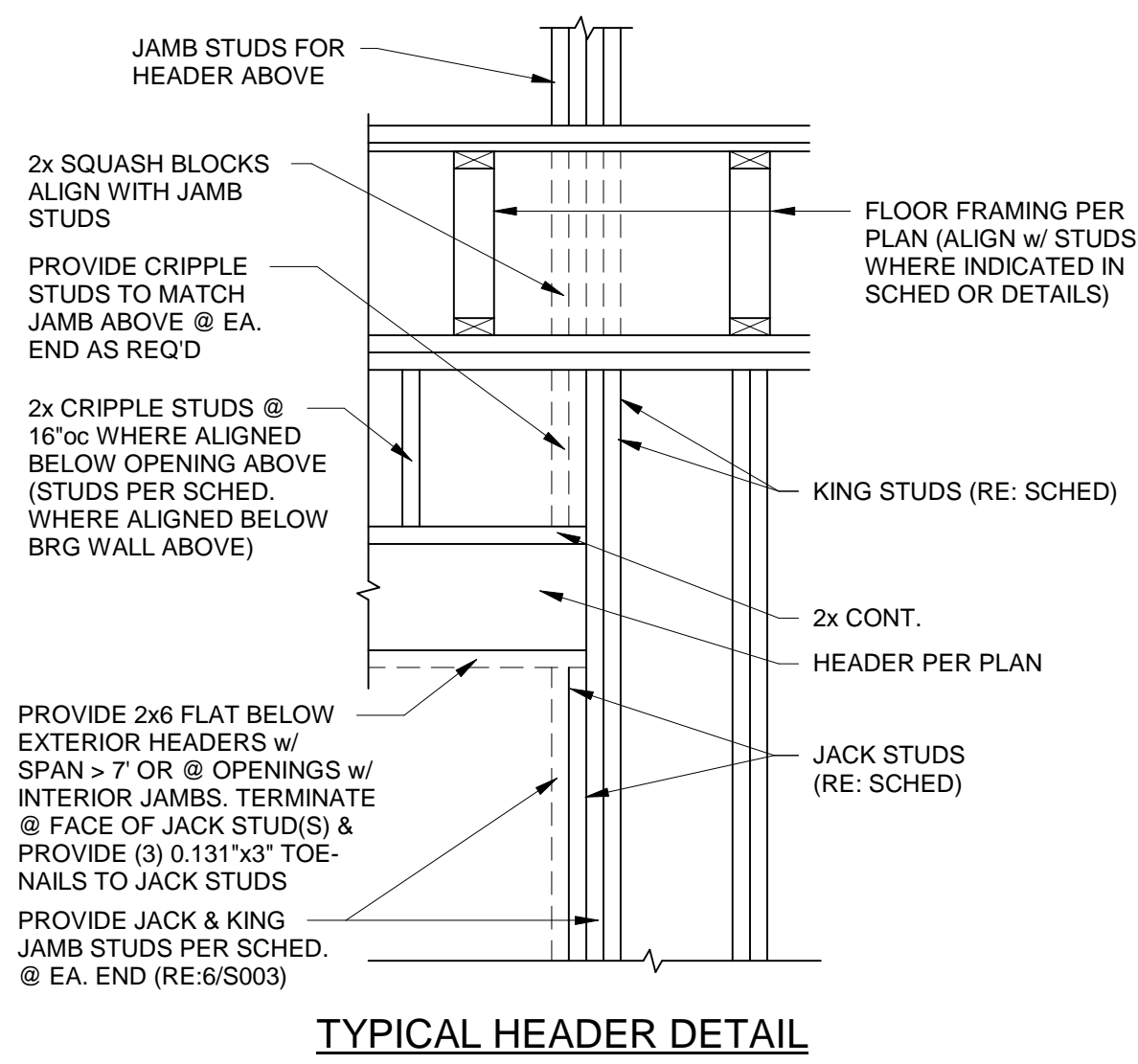
DWG BY: CB

TR, PROJECT NO.: 20-001

SHEET NO.

S005

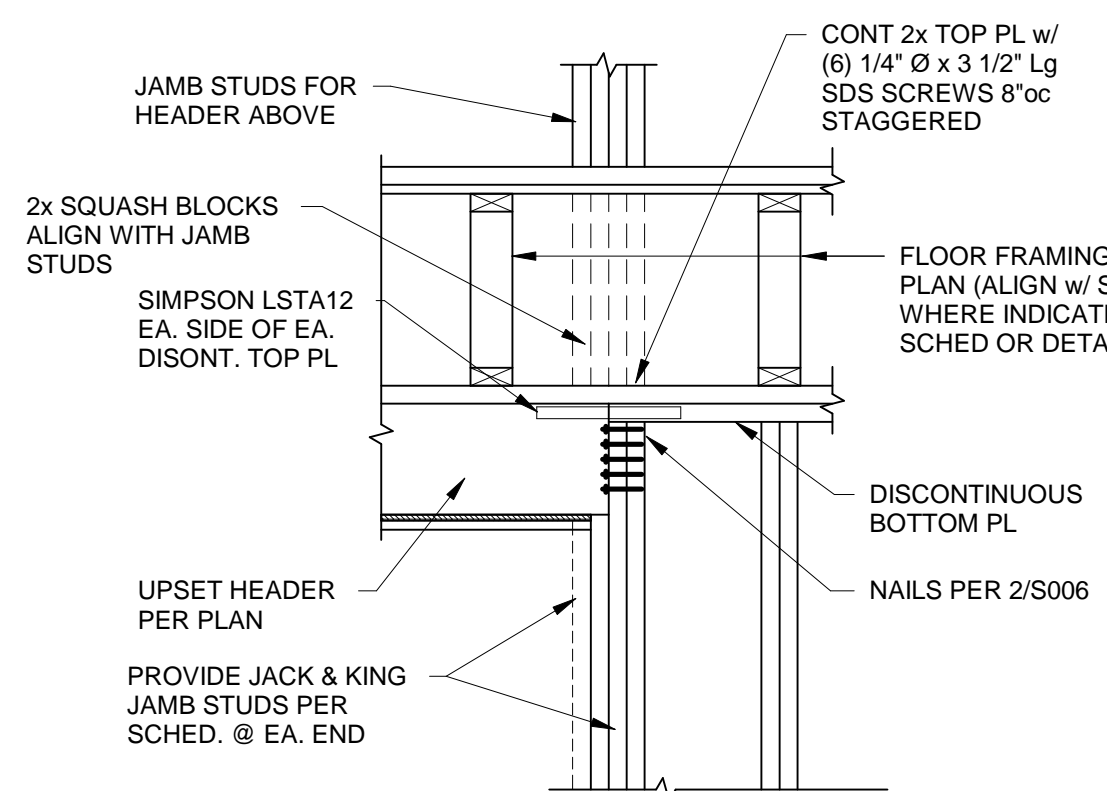
TYPICAL WOOD DETAILS



TYPICAL HEADER DETAIL

1 SECTION

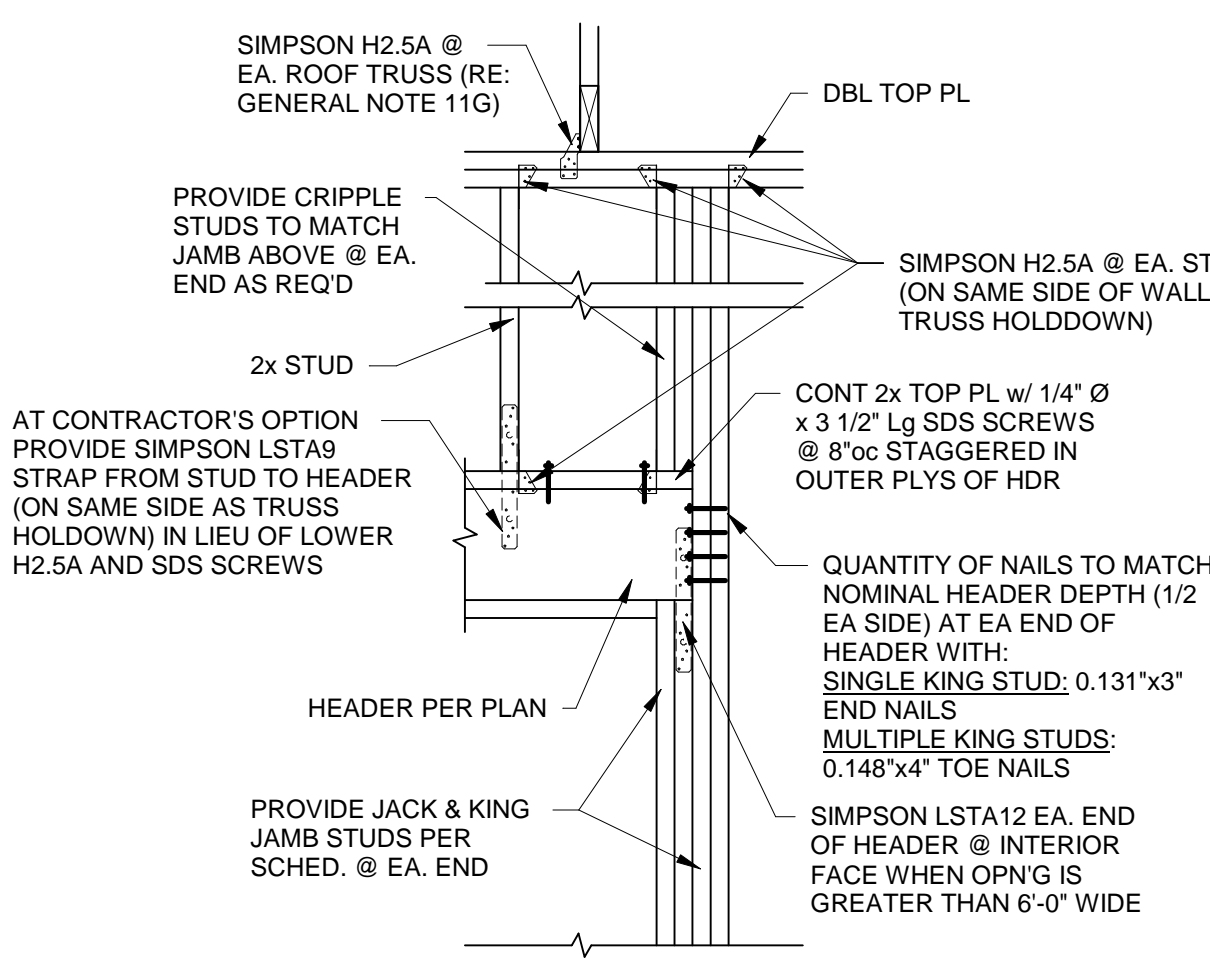
3/4" = 1'-0"



TYPICAL HEADER DETAIL AT DISCONTINUOUS TOP PLATE AT FLOOR

1A SECTION

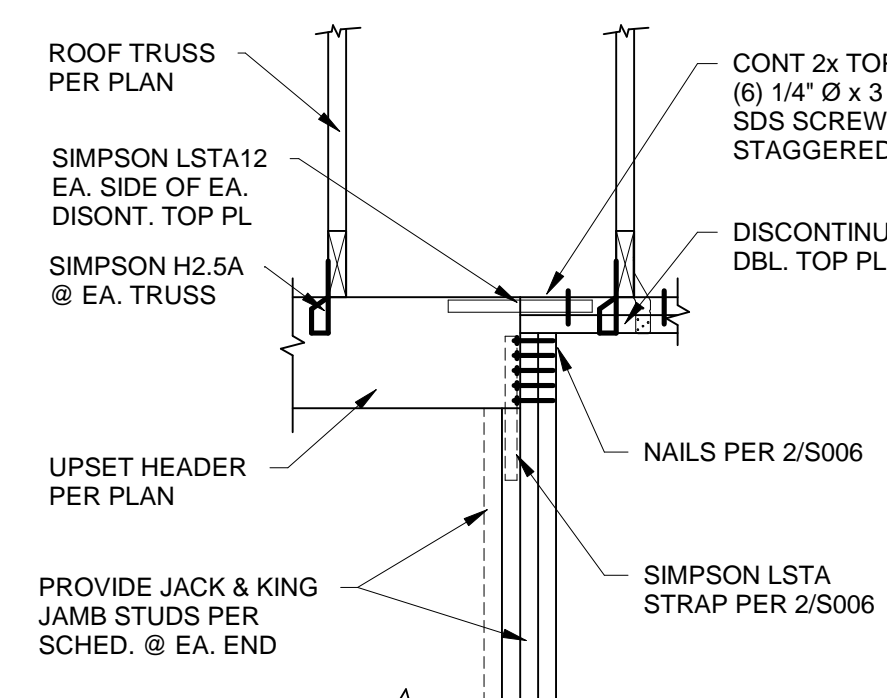
3/4" = 1'-0"



TYPICAL HEADER DETAIL @ ROOF TRUSS BRG LOCATIONS

2 SECTION

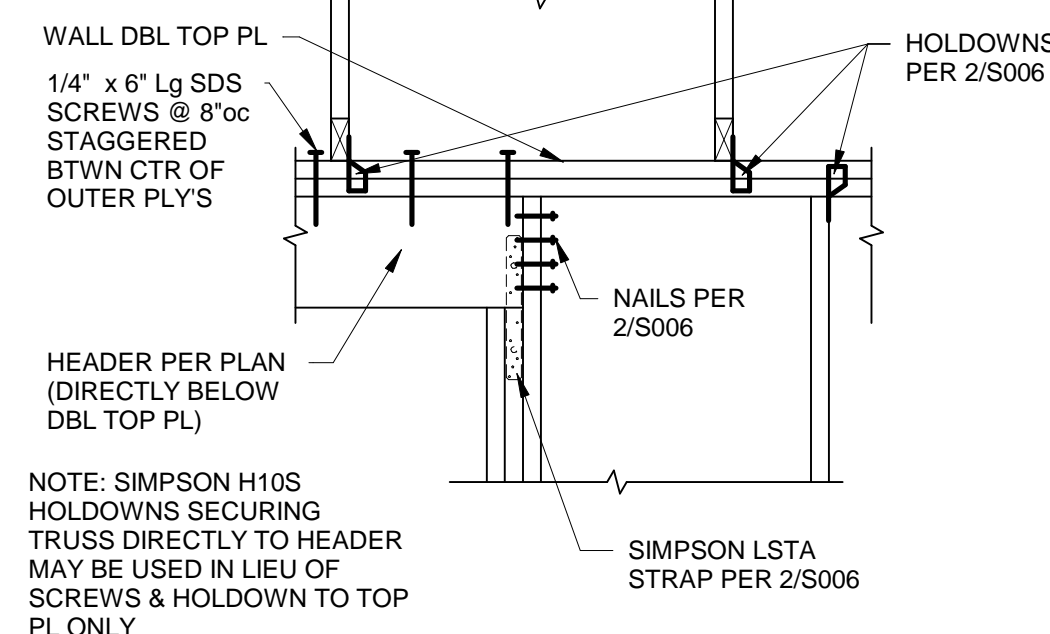
3/4" = 1'-0"



TYPICAL HEADER DETAIL AT DISCONTINUOUS TOP PLATE AT ROOF

3 SECTION

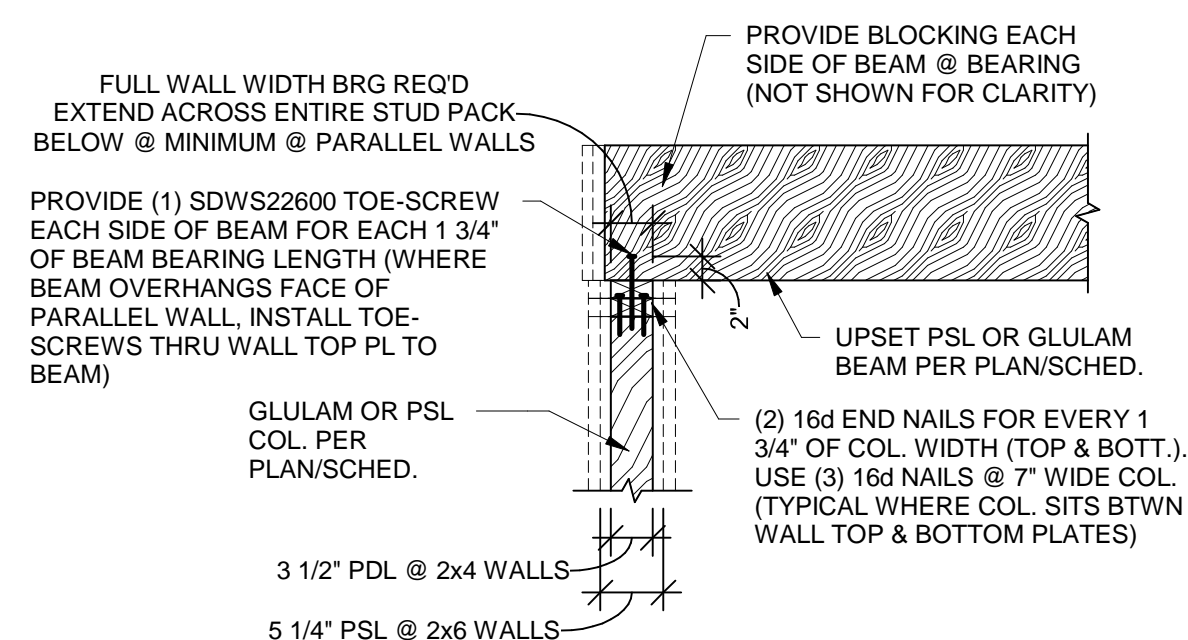
3/4" = 1'-0"



TYPICAL HEADER DETAIL AT ROOF TRUSS BRG LOCATIONS W/HEADER DIRECTLY BELOW DBL TOP PL

4 SECTION

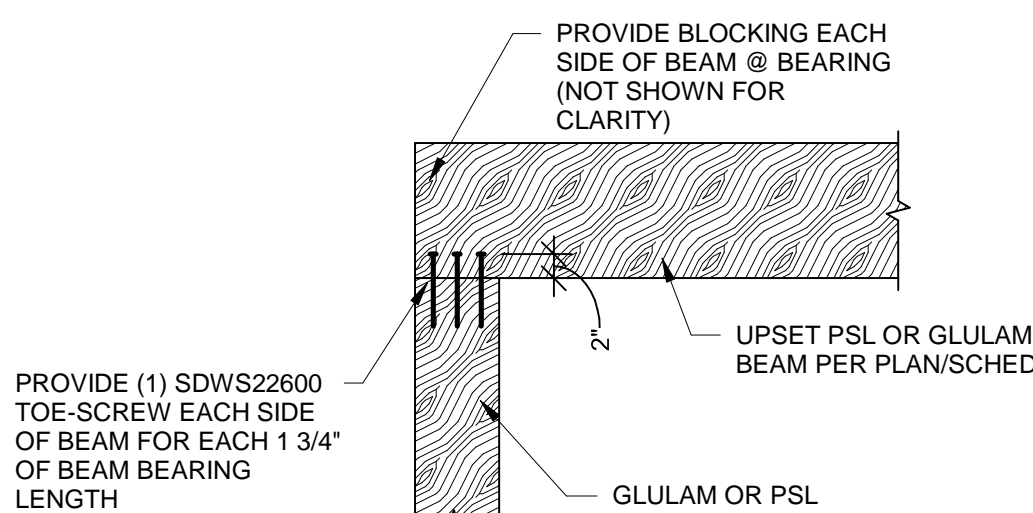
3/4" = 1'-0"



TYPICAL PSL OR GLULAM BEAM AND/OR COLUMN DETAIL

5 SECTION

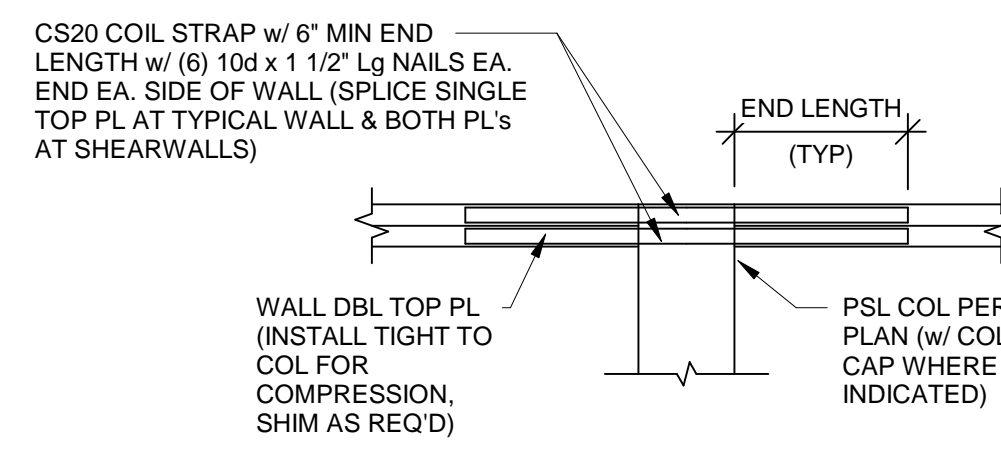
3/4" = 1'-0"



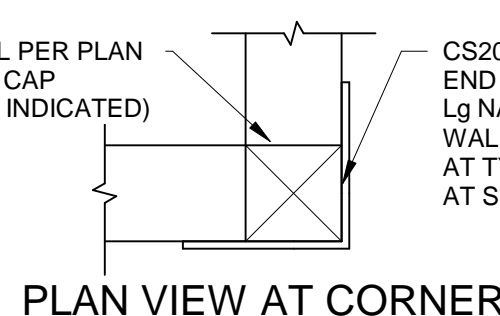
TYPICAL PSL OR GLULAM BEAM BEARING DIRECTLY ON GLULAM OR PSL COLUMN DETAIL

5A SECTION

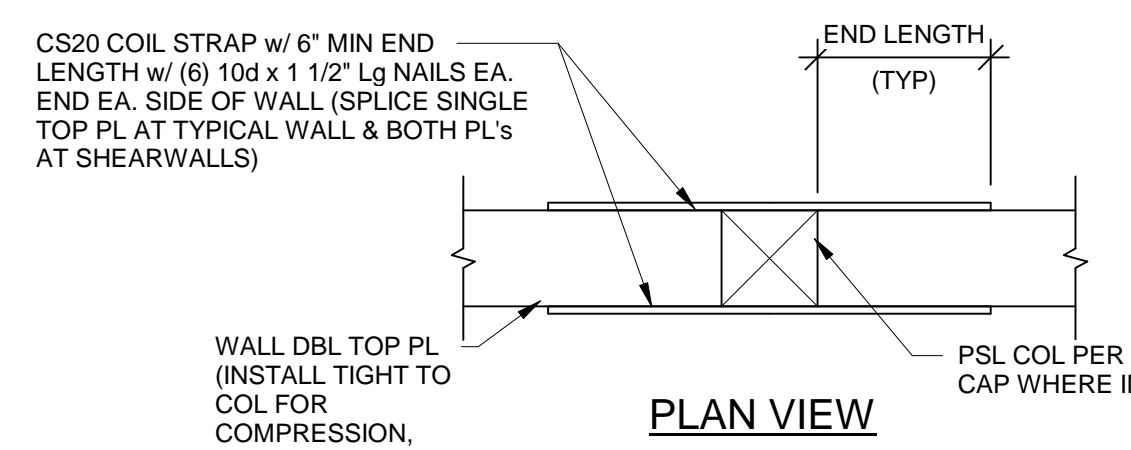
3/4" = 1'-0"



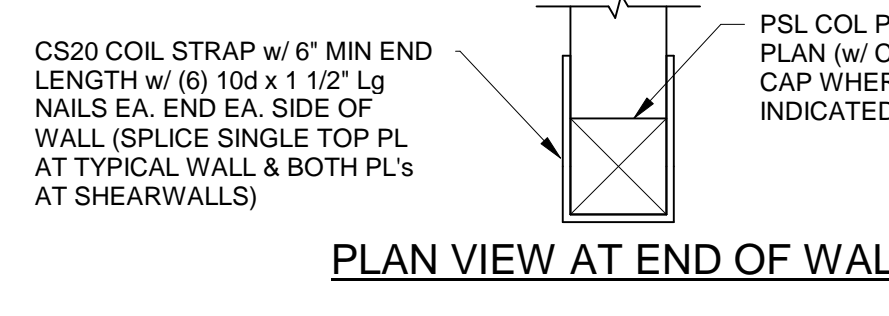
ELEVATION VIEW



PLAN VIEW AT CORNER



PLAN VIEW

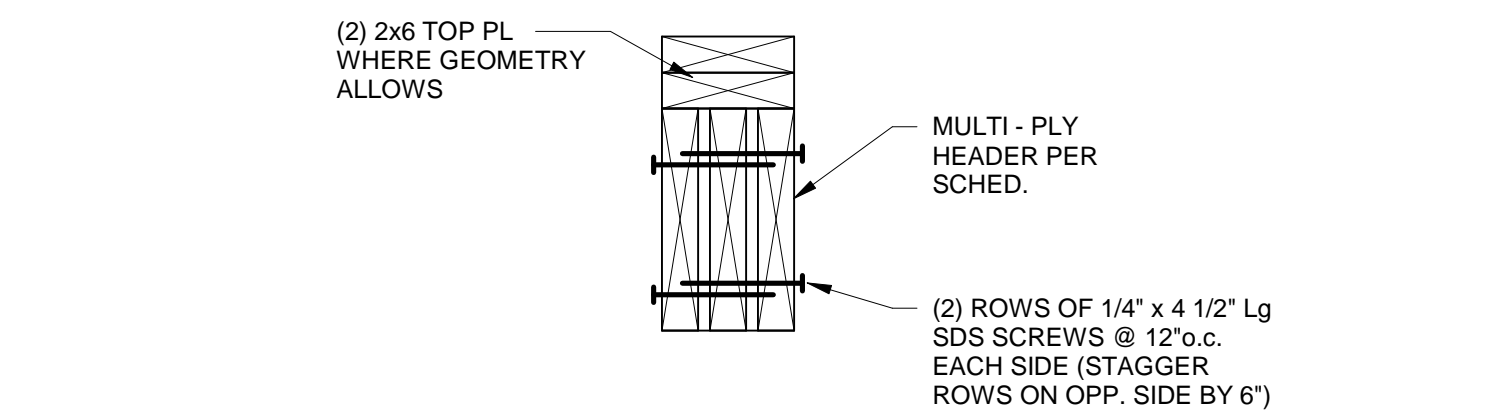


PLAN VIEW AT END OF WALL

TYPICAL STRAPS @ DISCONTINUOUS TOP PL @ COL

6 SECTION

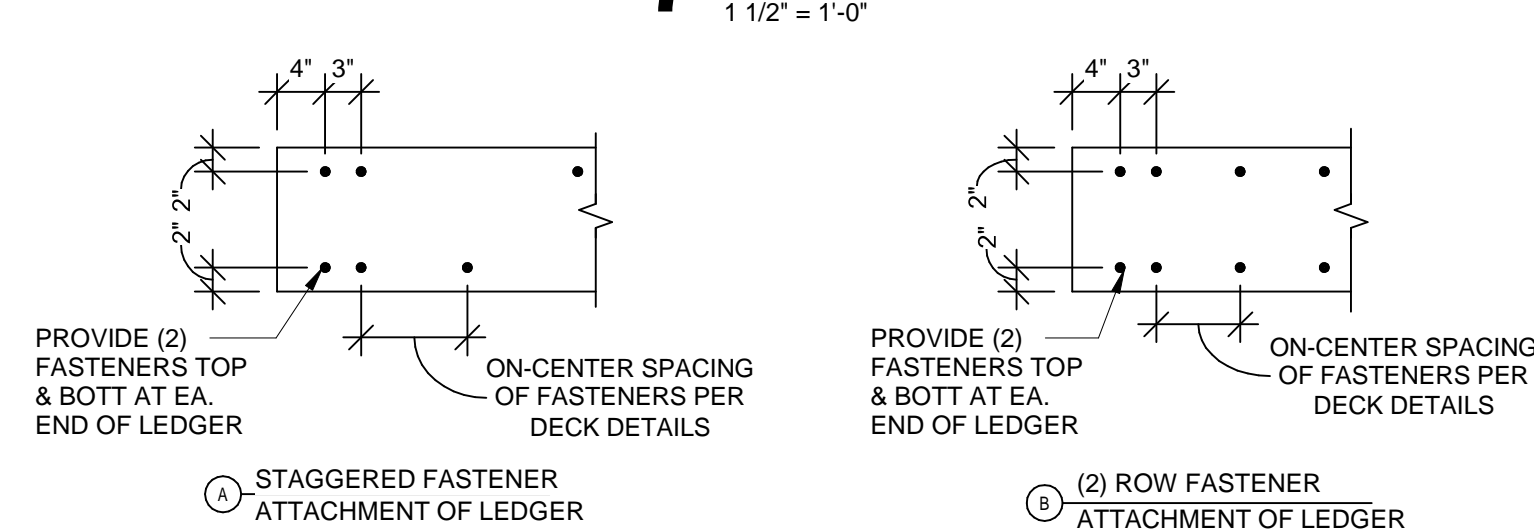
3/4" = 1'-0"



TYPICAL MULTI-PLY EXTERIOR ROOF HEADER WHERE GEOMETRY DOES NOT ALLOW 2x PL BELOW HEADER

7 SECTION

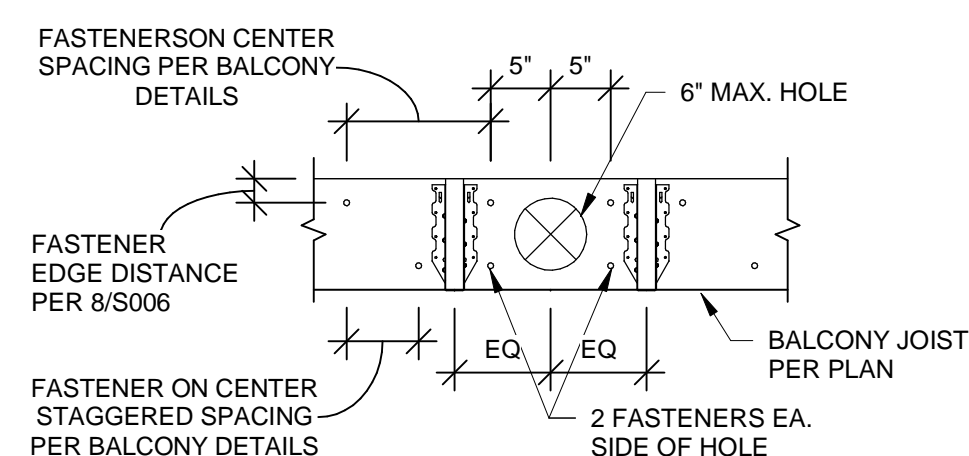
1 1/2" = 1'-0"



TYPICAL LEDGER CONNECTION

8 SECTION

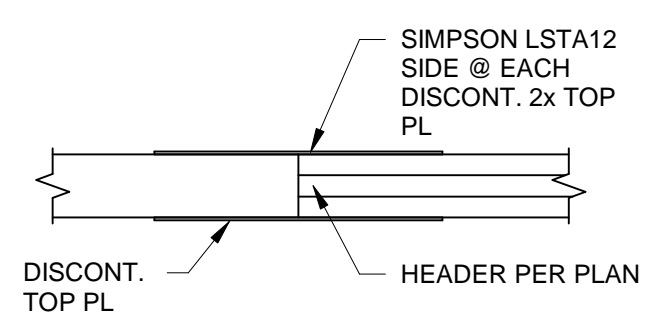
3/4" = 1'-0"



TYPICAL HOLE THRU LEDGER DETAIL

9 SECTION

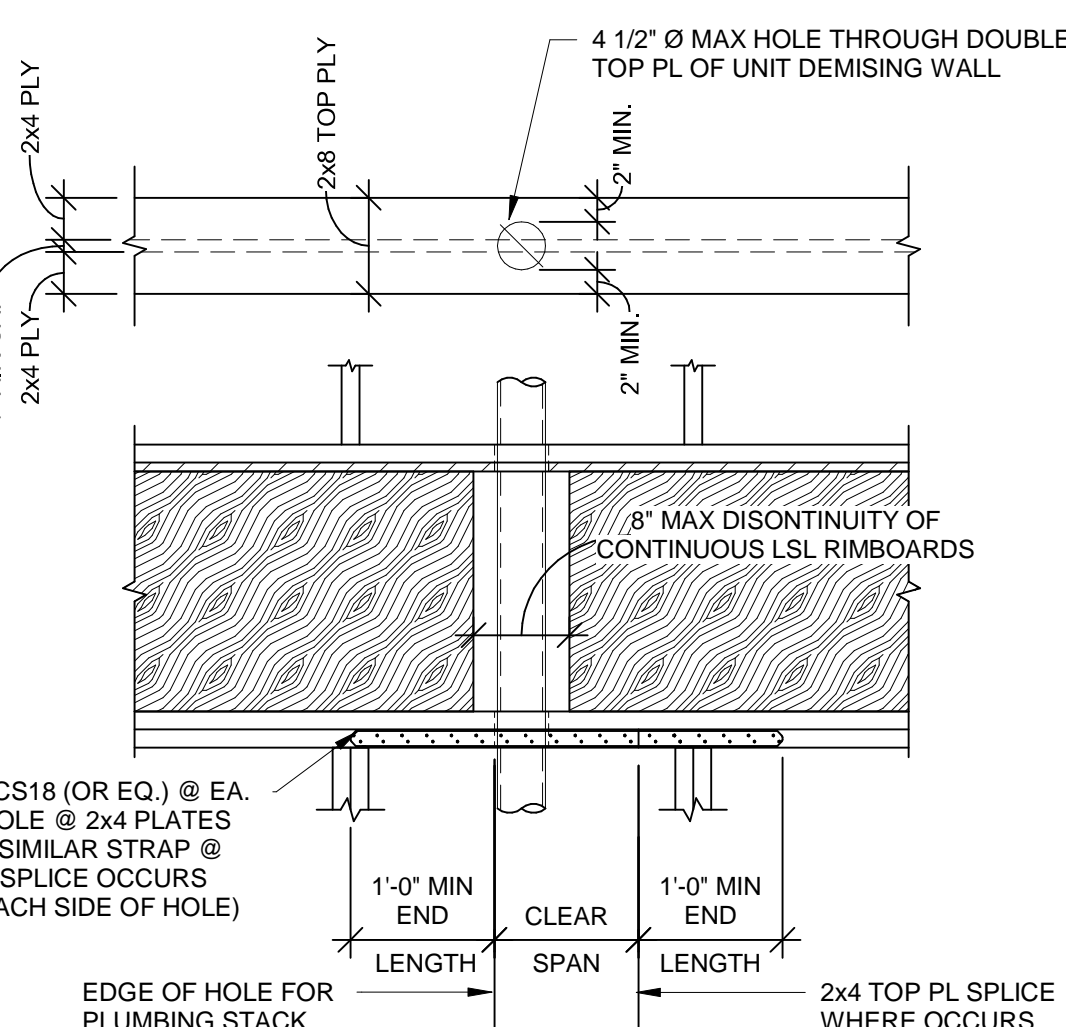
3/4" = 1'-0"



TYPICAL SPLICE AT DISCONTINUOUS TOP PL

10 SECTION

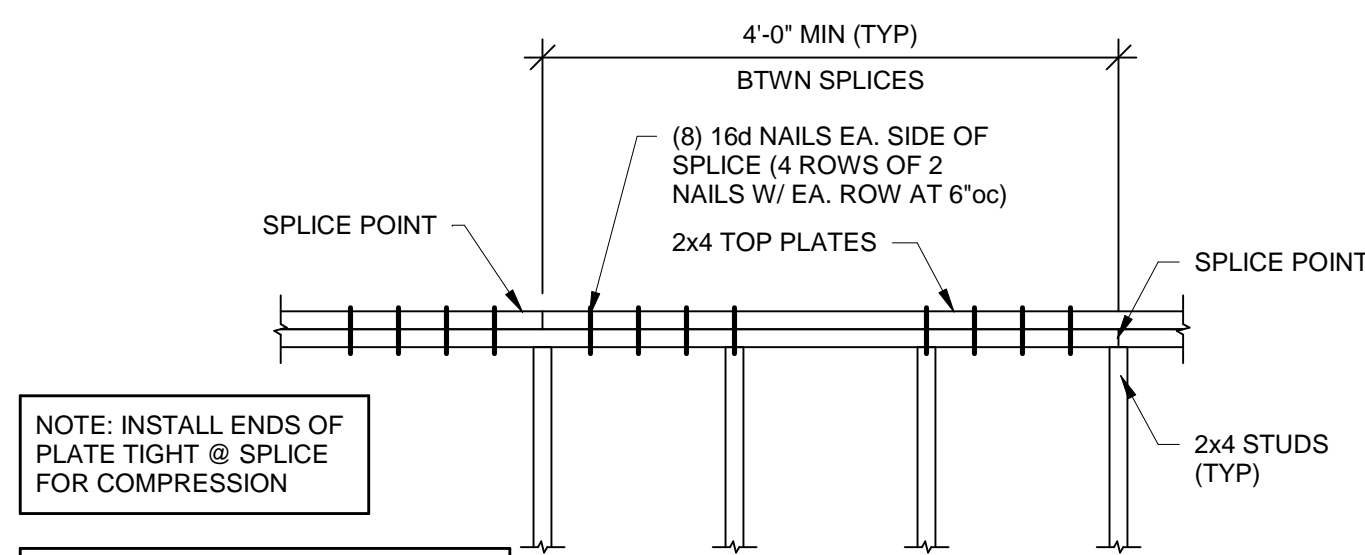
3/4" = 1'-0"



TYPICAL DETAIL AT PLUMBING STACK IN DOUBLE UNIT DEMISING WALLS

13 SECTION

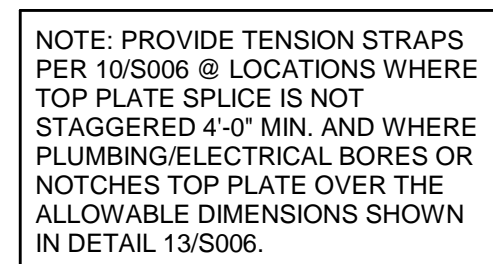
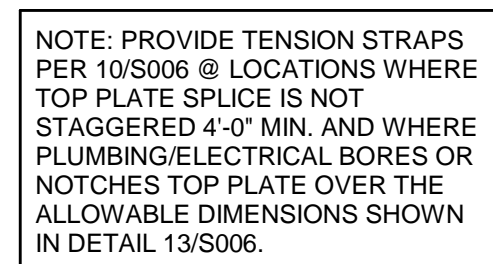
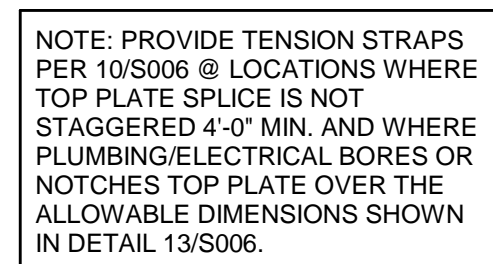
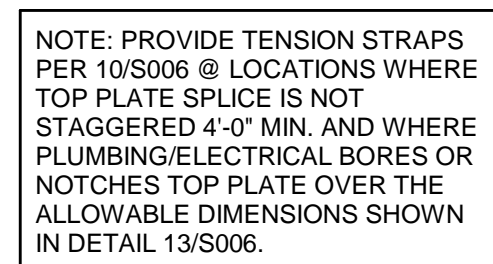
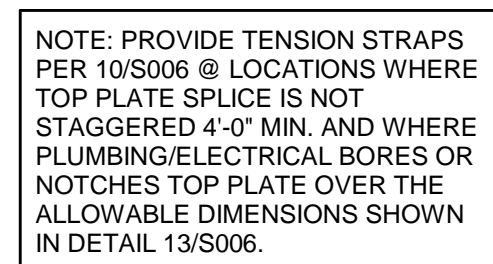
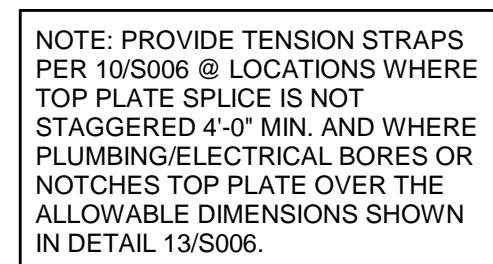
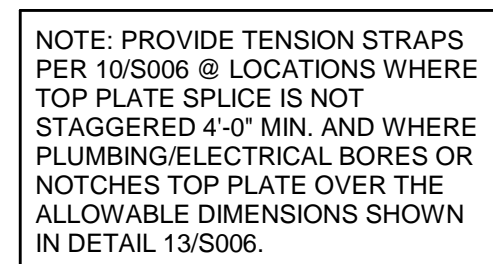
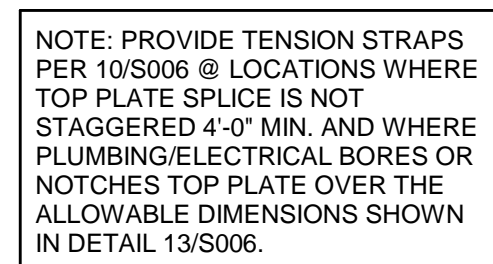
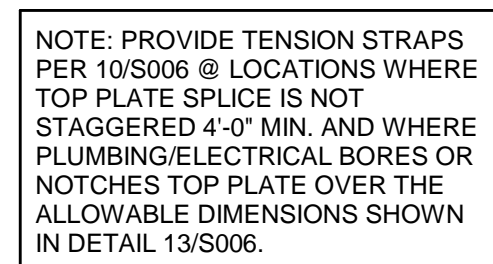
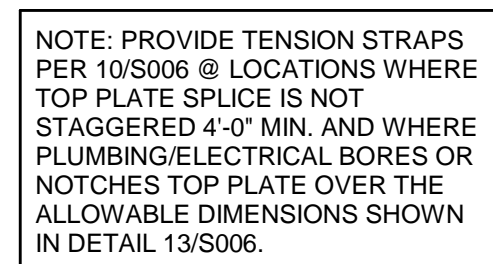
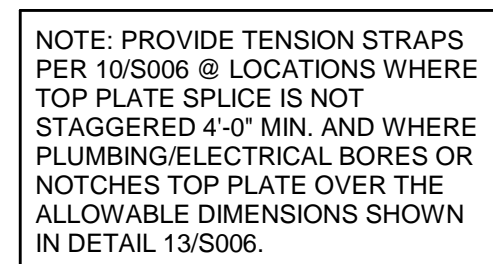
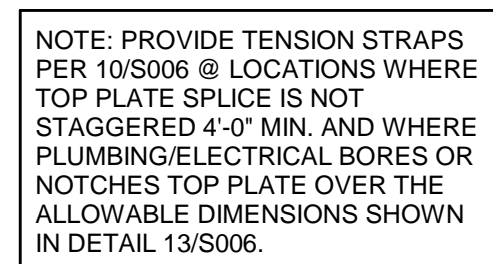
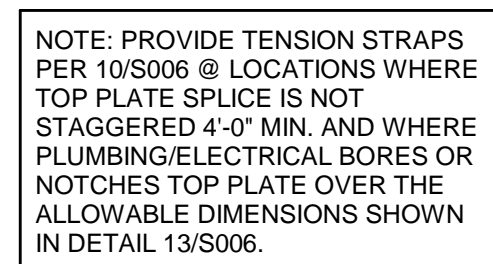
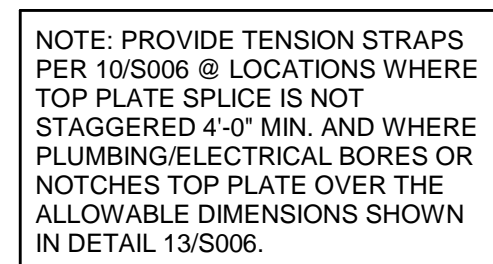
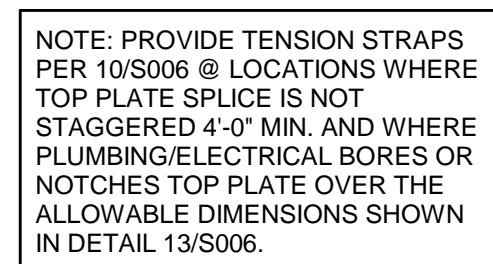
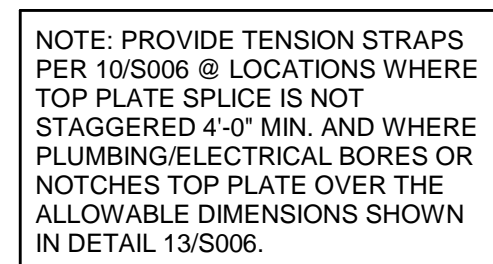
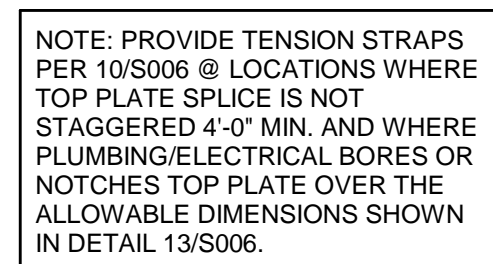
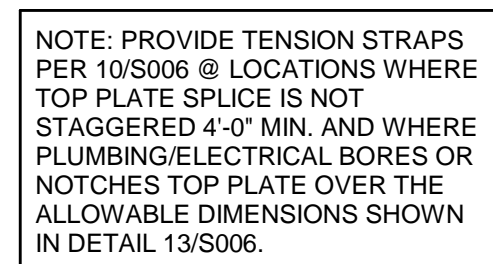
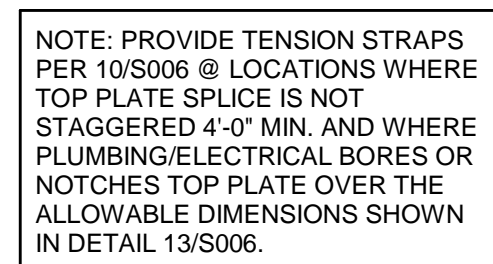
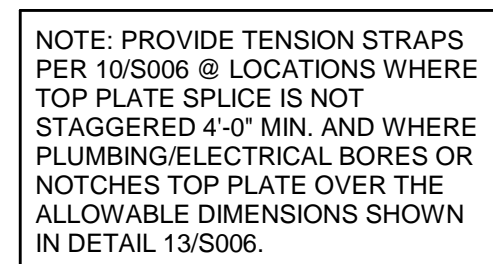
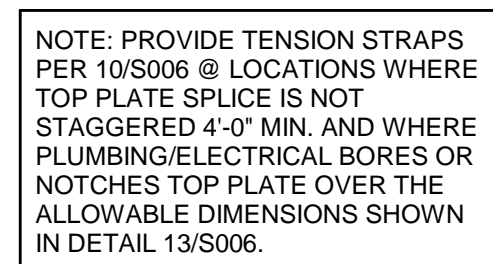
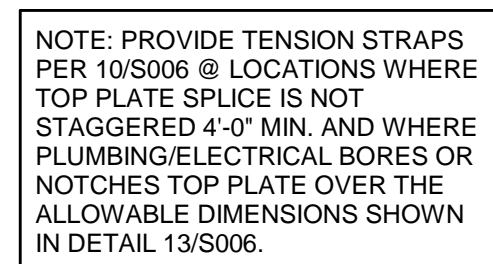
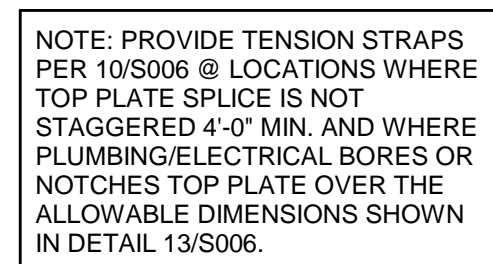
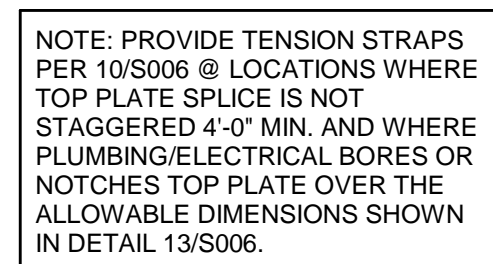
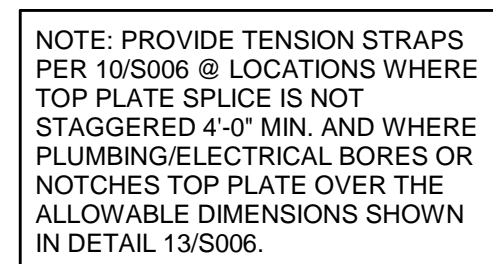
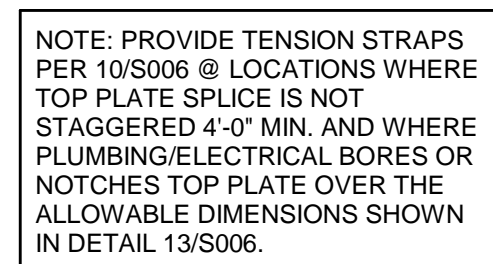
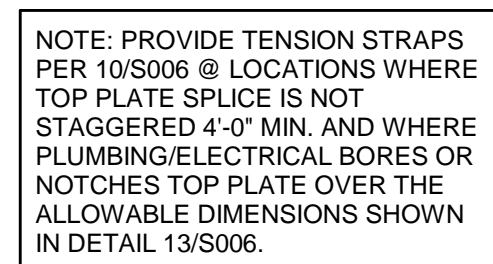
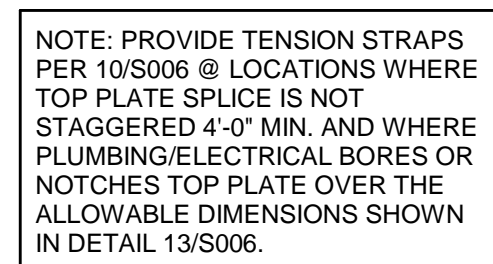
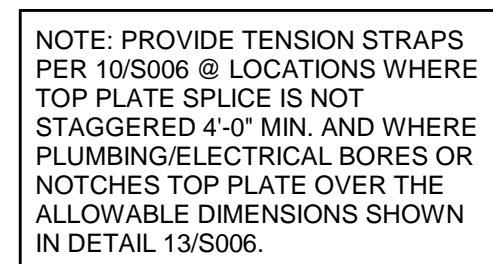
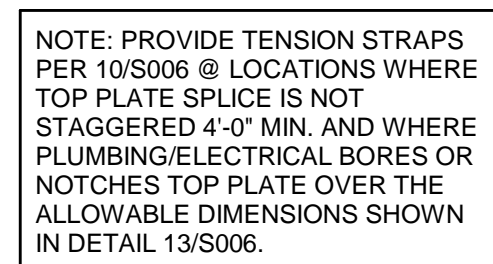
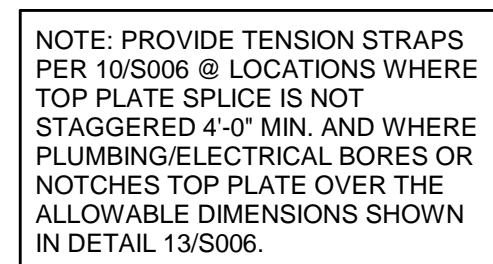
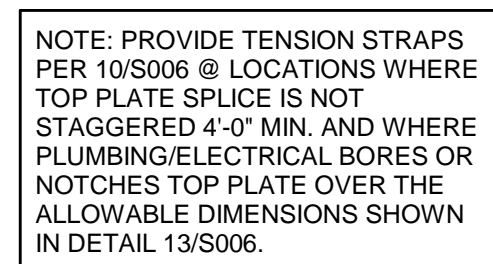
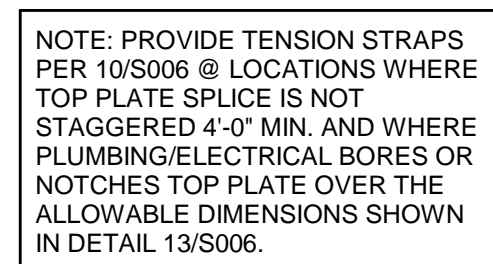
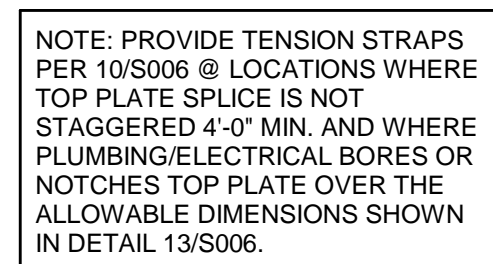
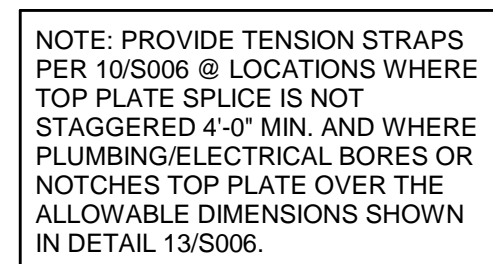
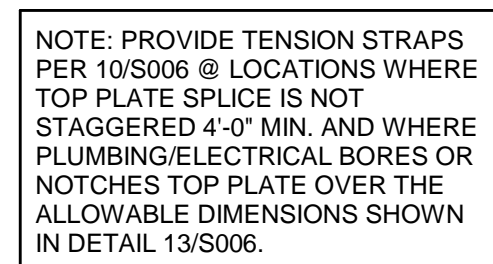
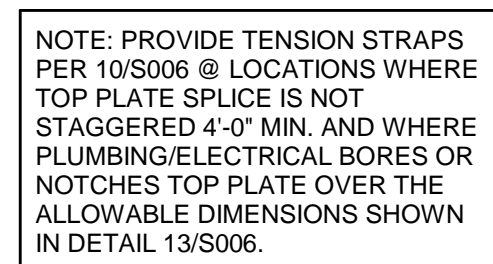
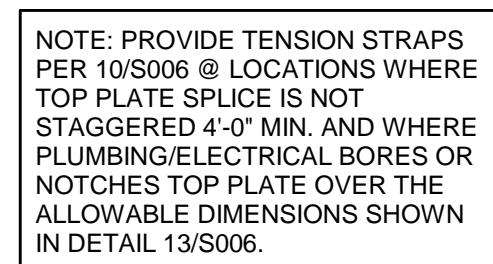
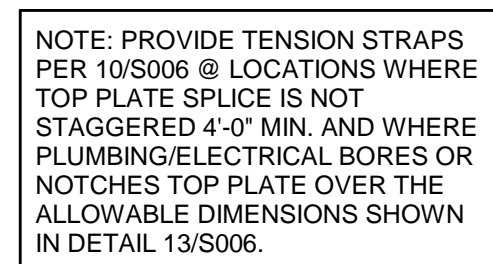
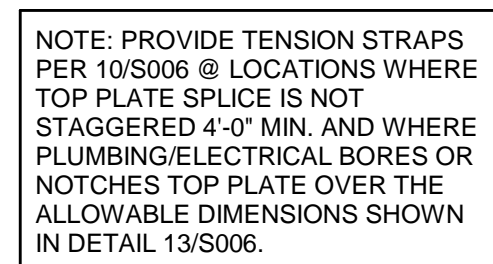
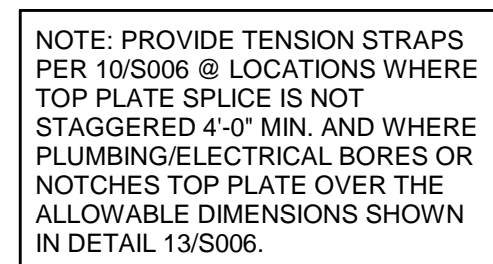
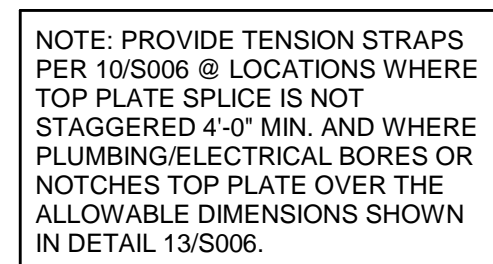
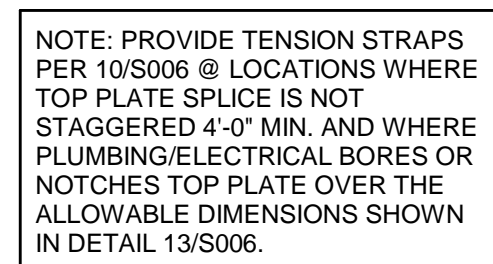
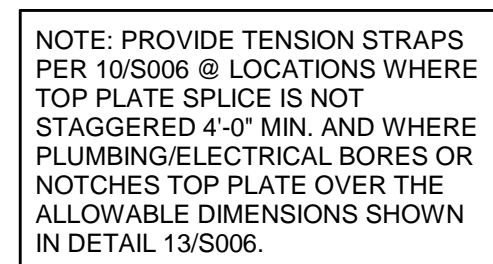
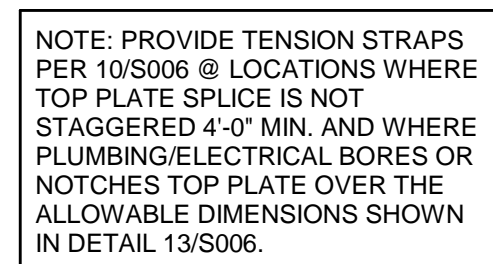
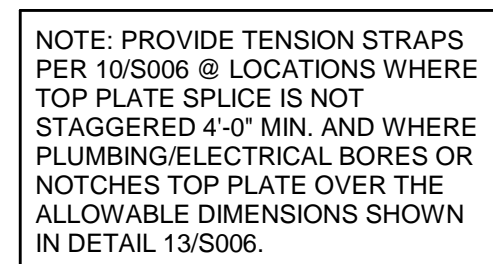
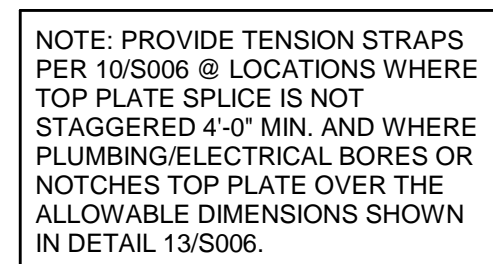
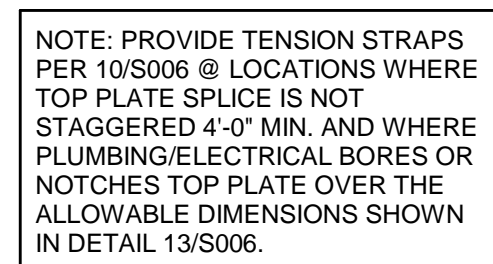
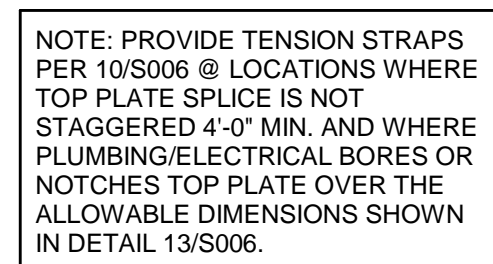
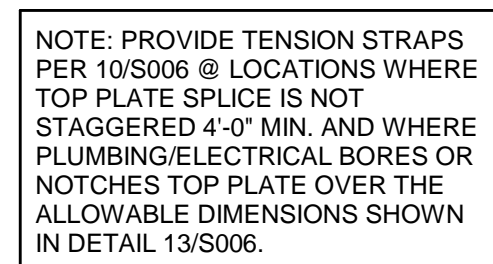
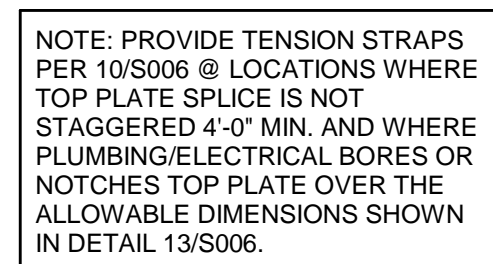
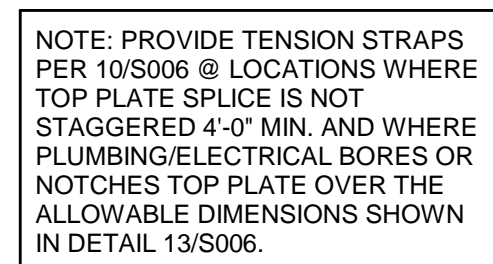
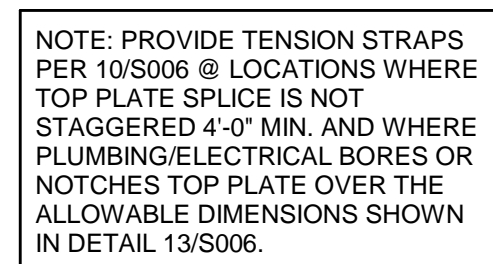
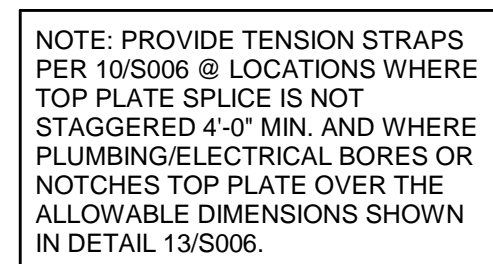
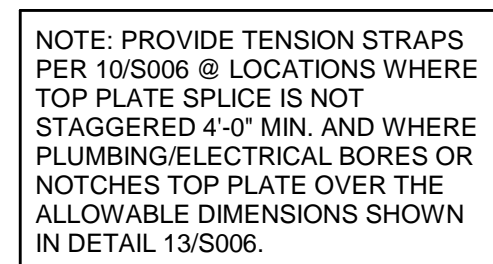
3/4" = 1'-0"

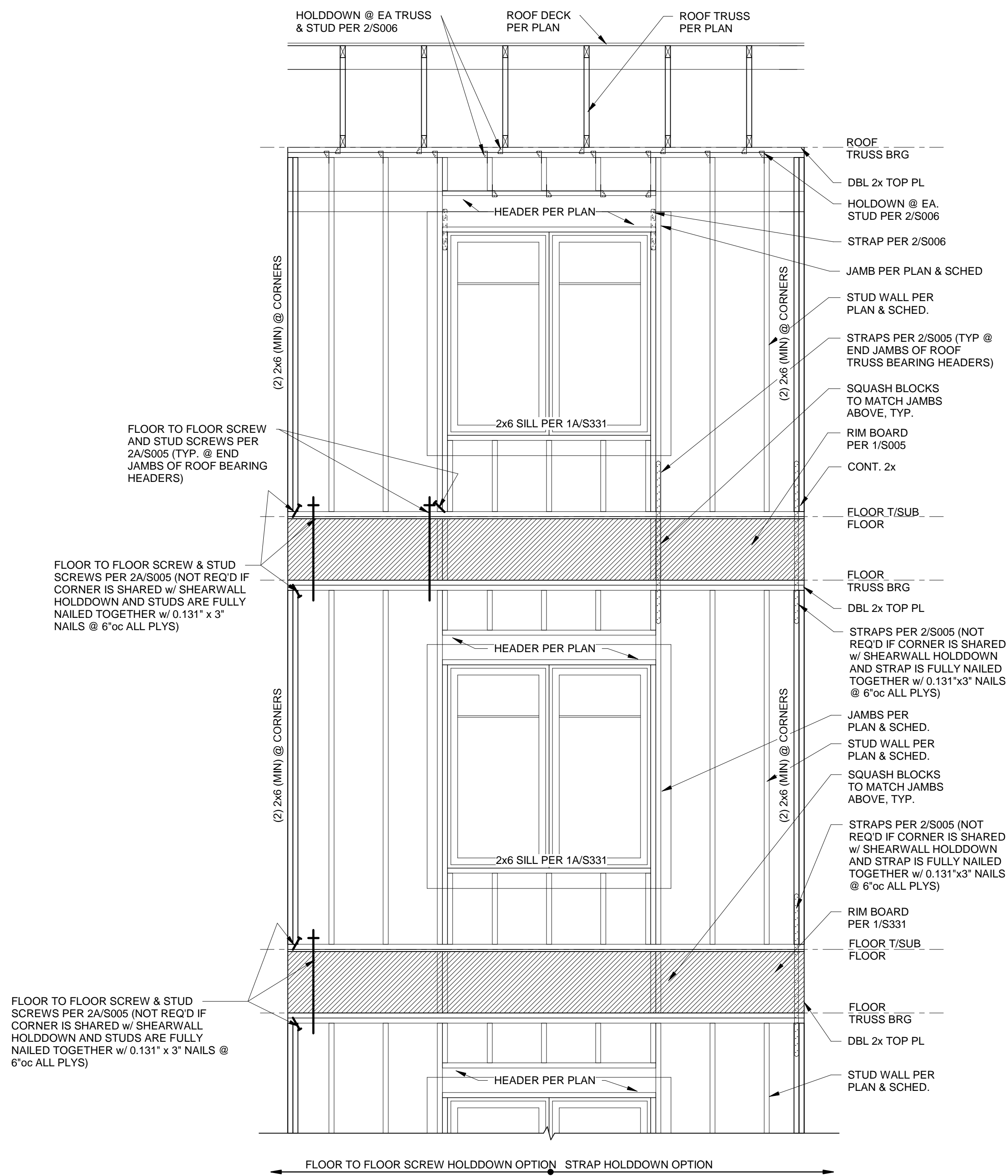


TYPICAL TOP PLATE SPLICE

11 SECTION

3/4" = 1'-0"

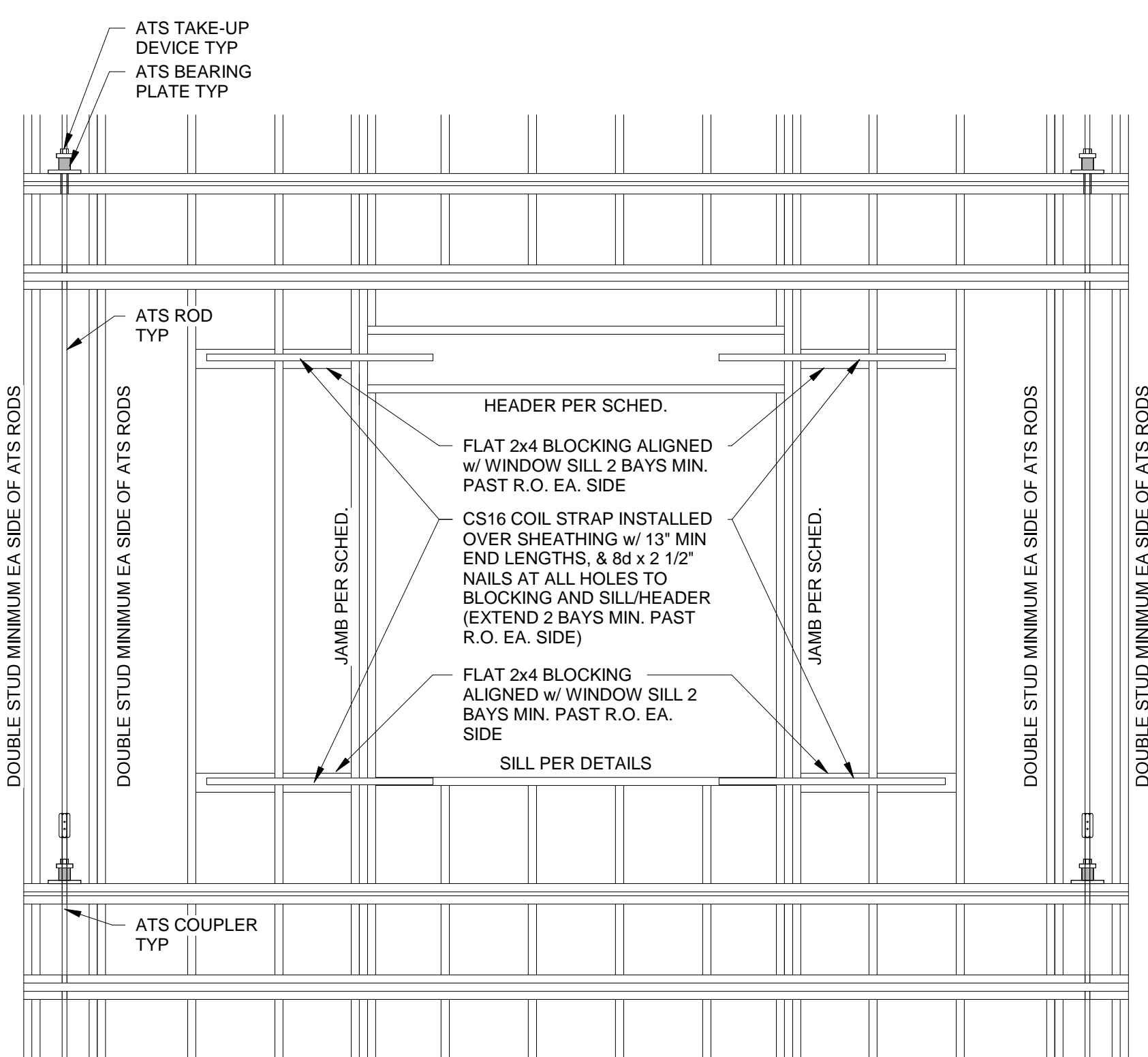




TYPICAL EXTERIOR ELEVATION OF STRUCTURAL BAY @ TYPE V CONSTRUCTION

1 ELEVATION

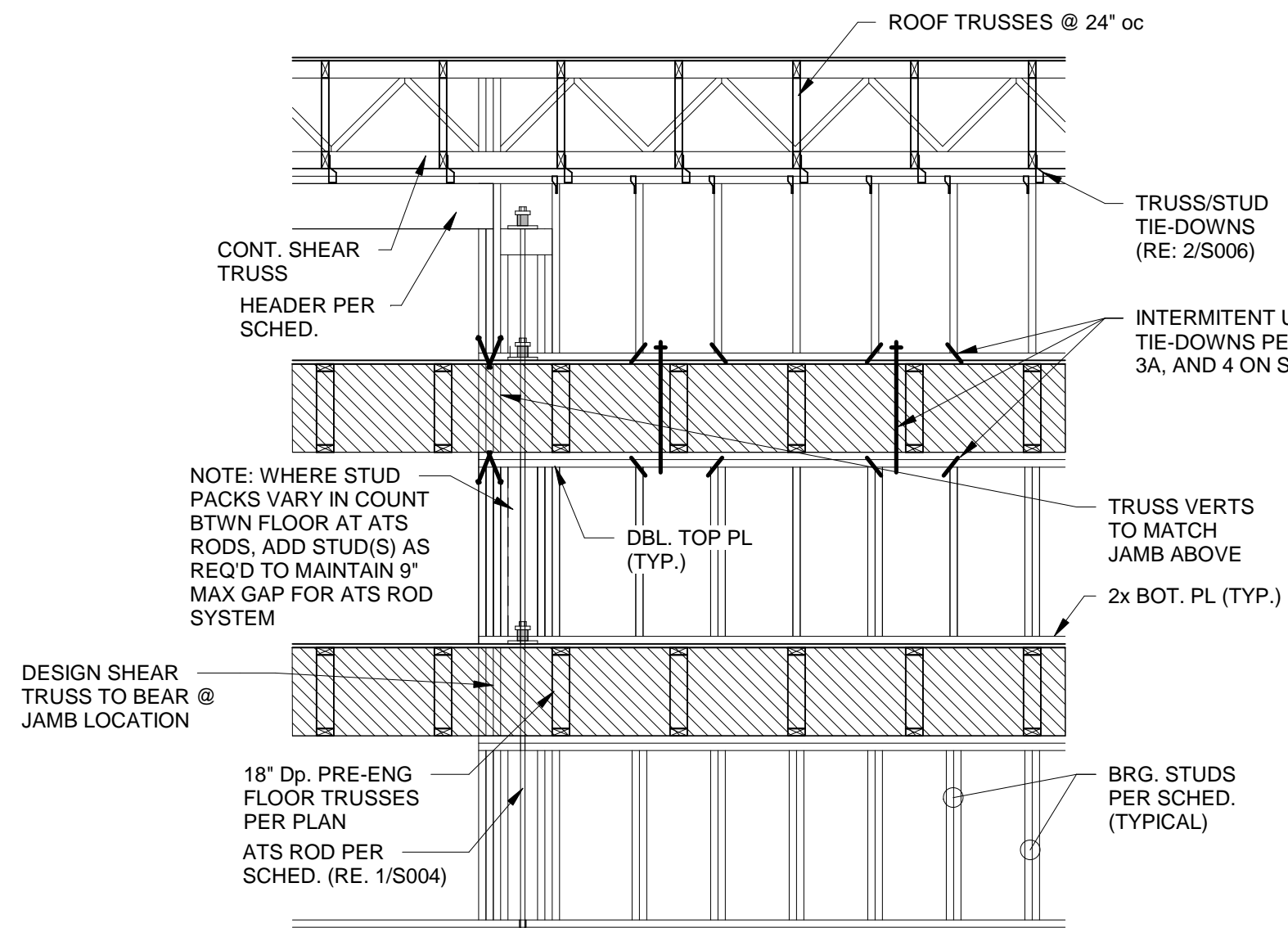
1/2" = 1'-0"



TYPICAL FORCE TRANSFER SHEARWALL ELEVATION @ WINDOW OPENINGS

2 ELEVATION

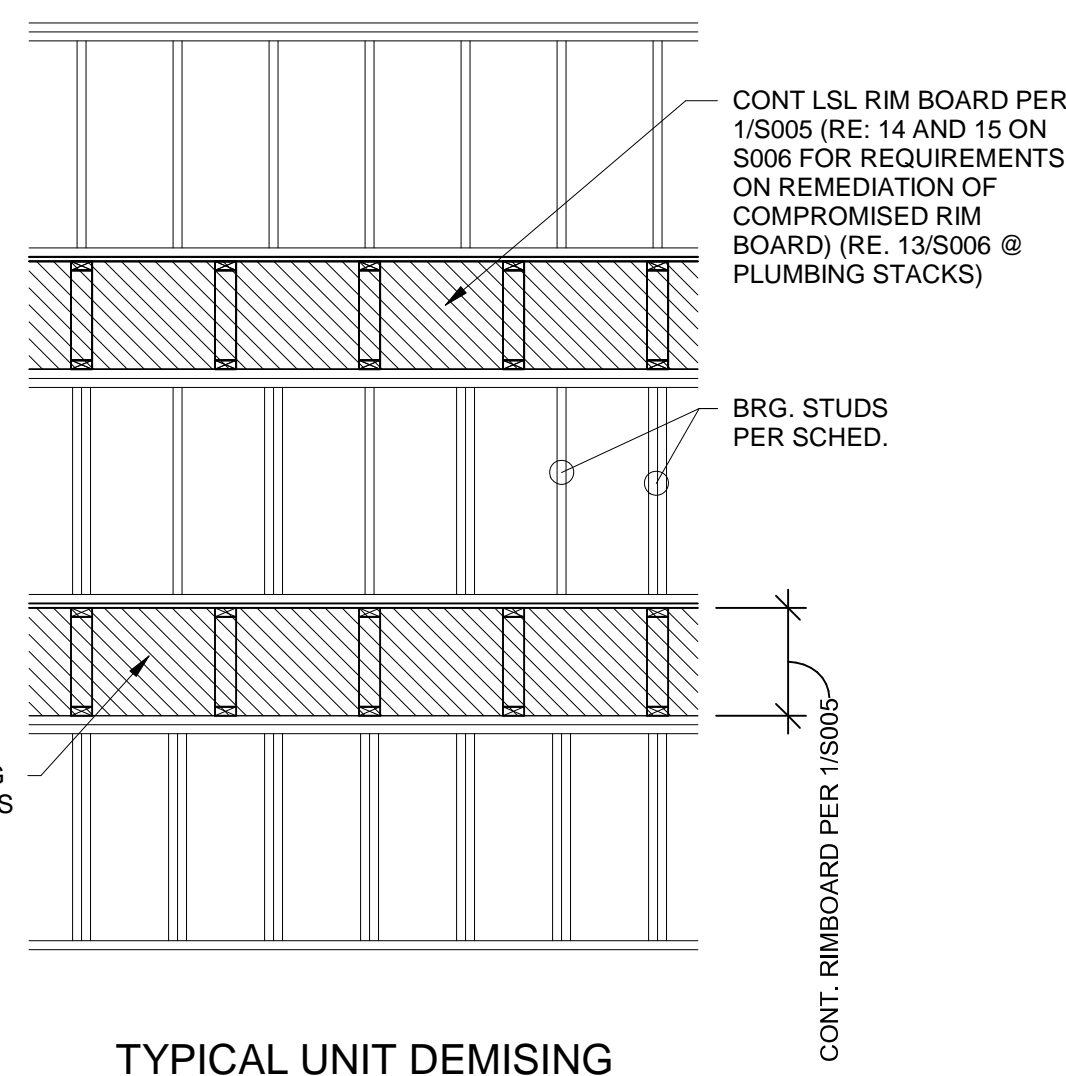
1/2" = 1'-0"



TYPICAL CORRIDOR BEARING WALL ELEVATION

A ELEVATION

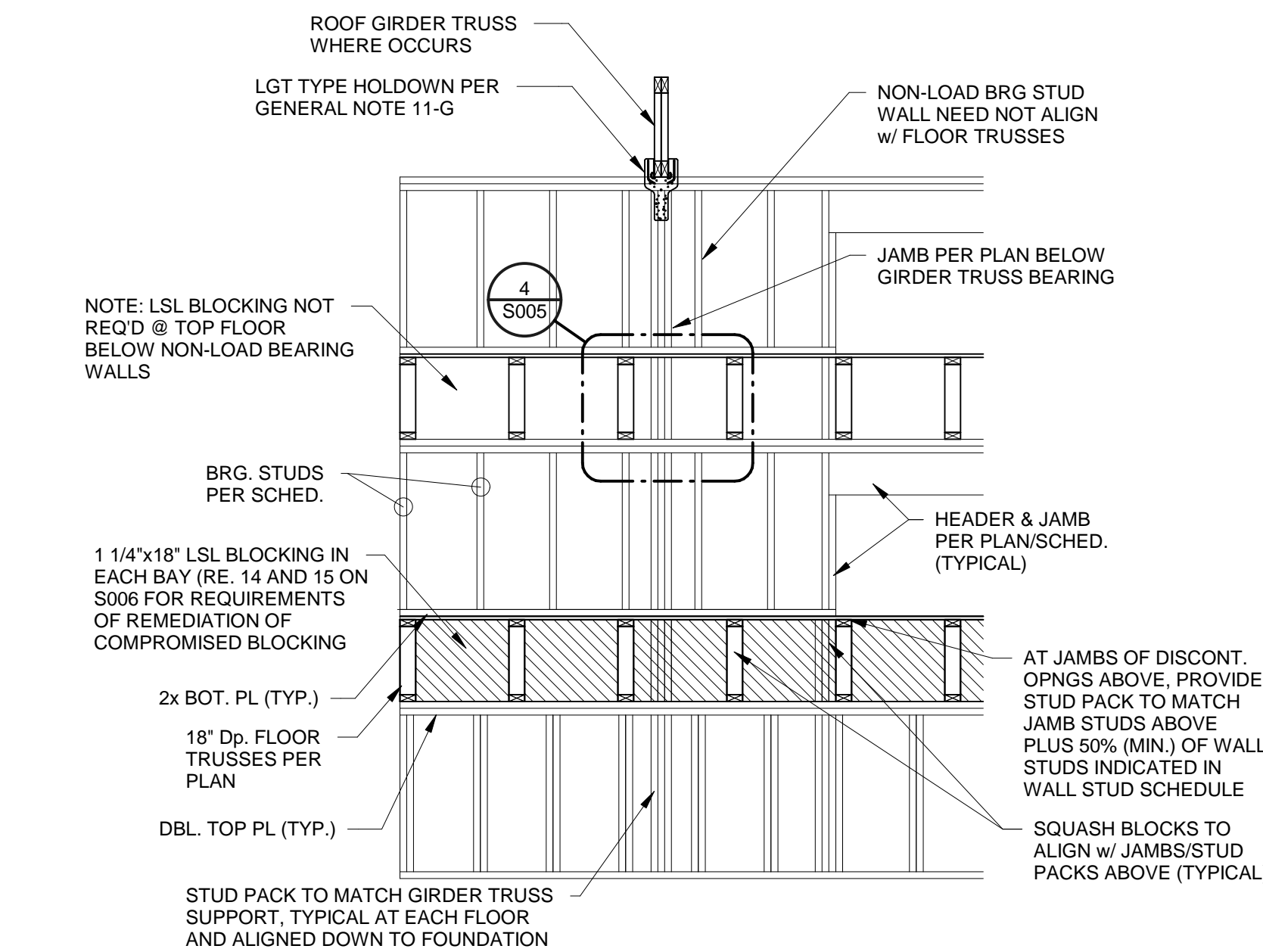
3/8" = 1'-0"



TYPICAL UNIT DEMISING WALL ELEVATION

B ELEVATION

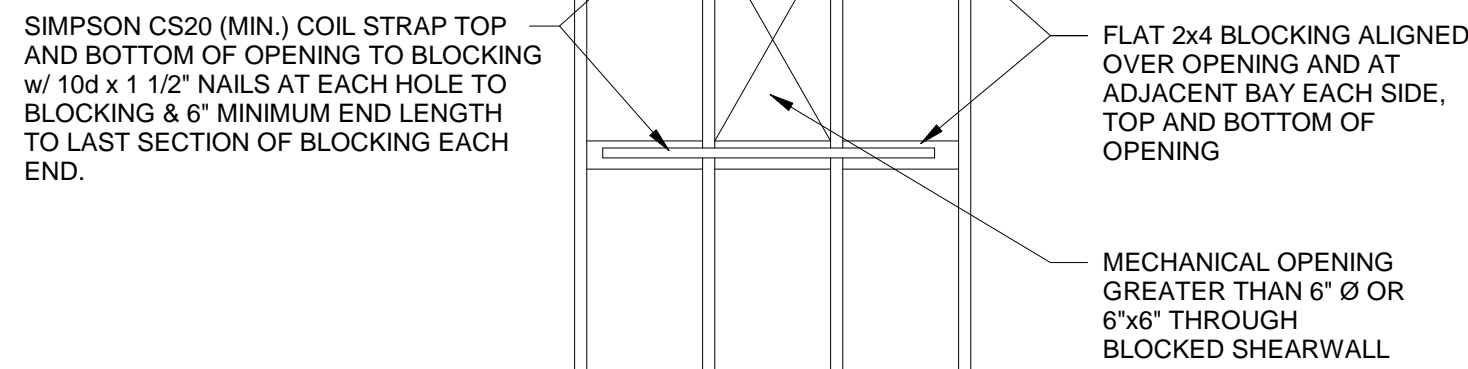
3/8" = 1'-0"



TYPICAL INTERIOR BEARING WALL ELEVATION

C ELEVATION

3/8" = 1'-0"



TYPICAL OPENING THROUGH BLOCKED SHEARWALL

3 ELEVATION

1/2" = 1'-0"



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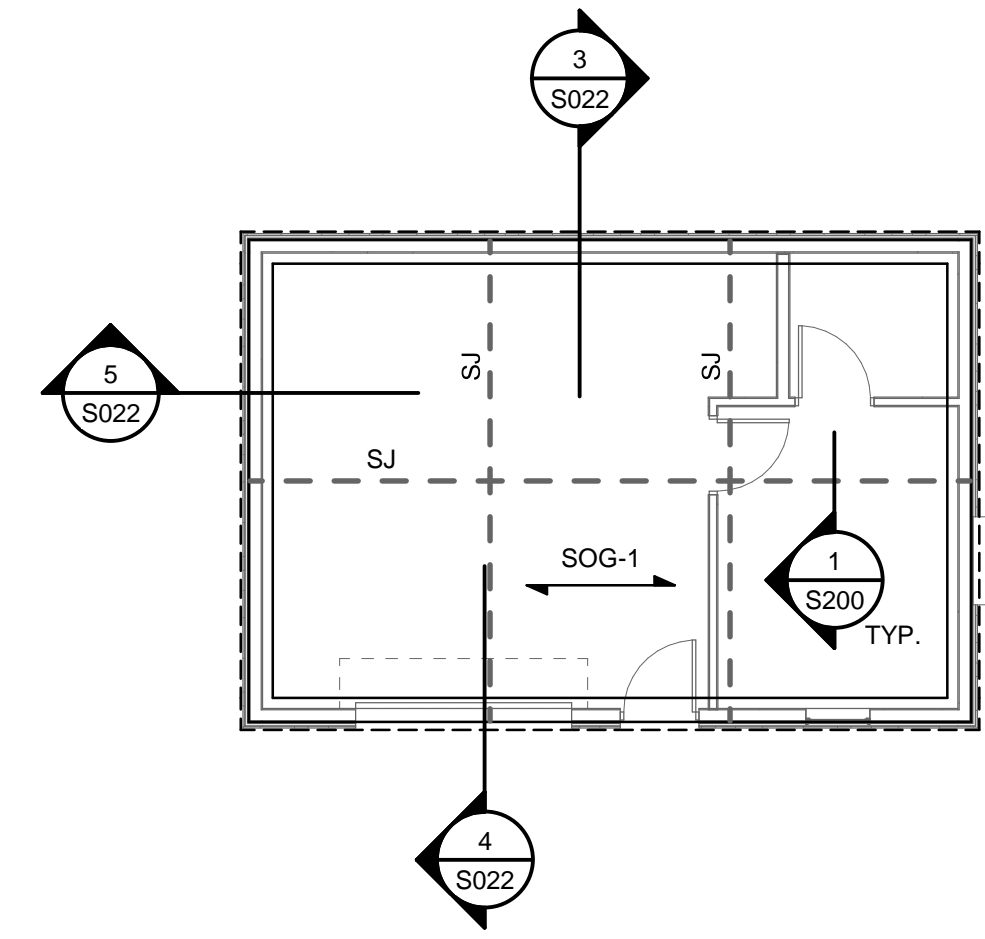
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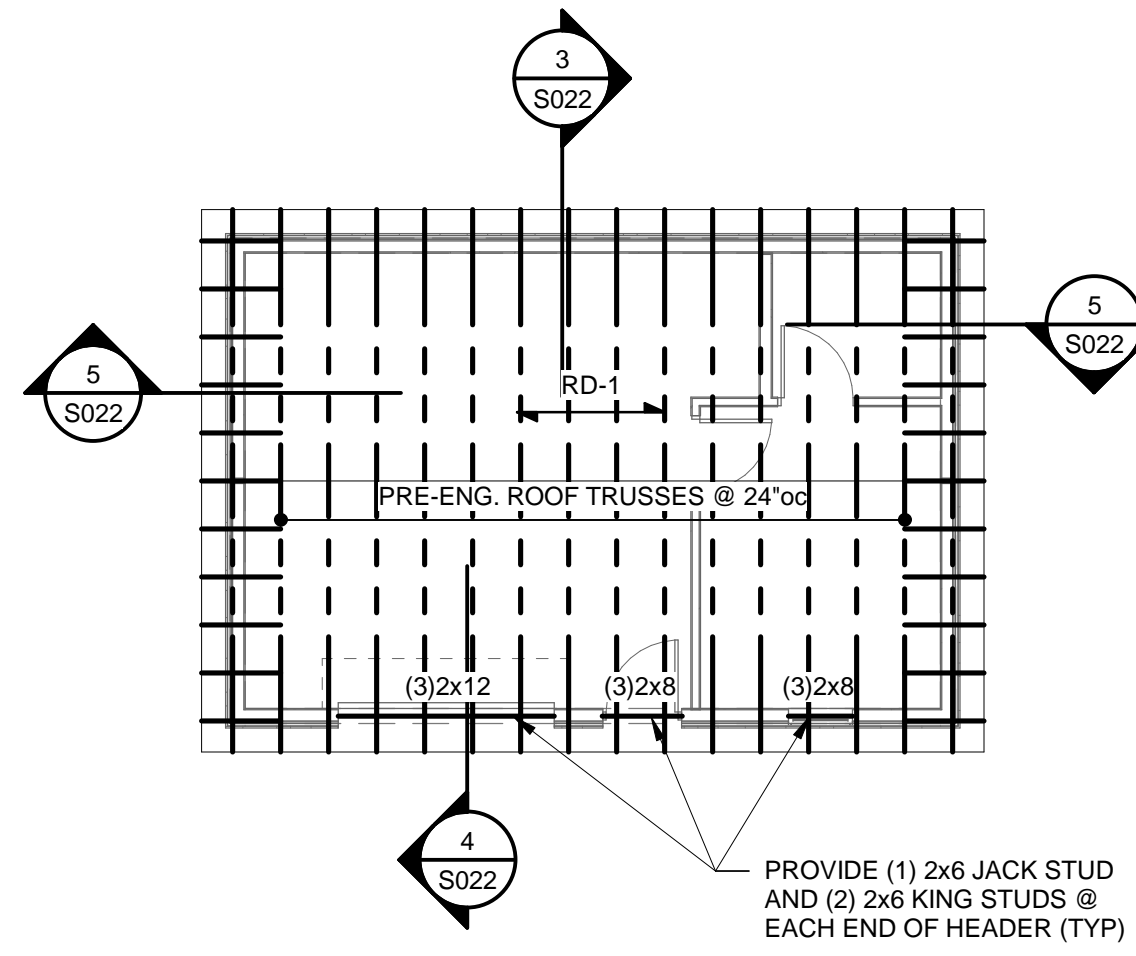
SHEET NO.

S007

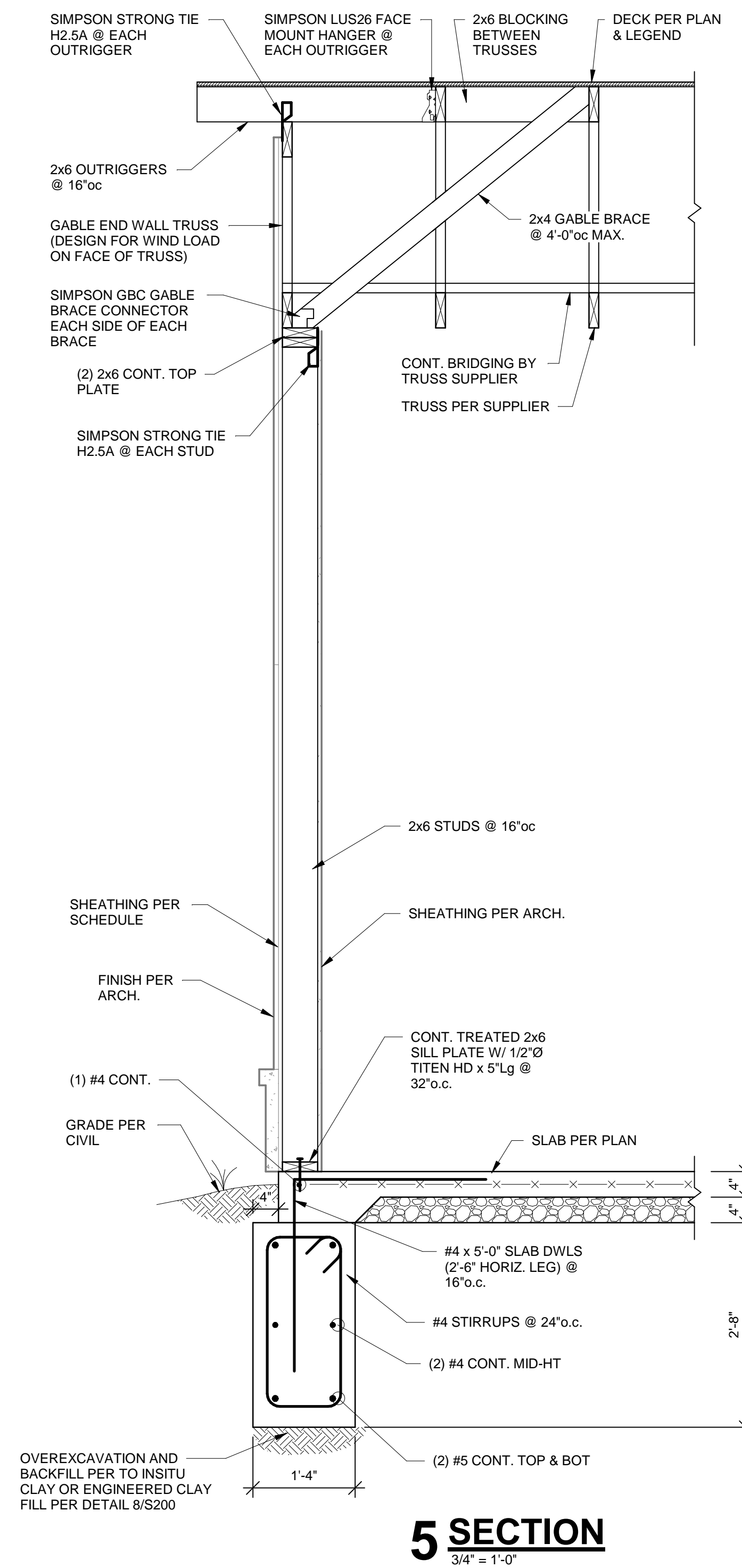
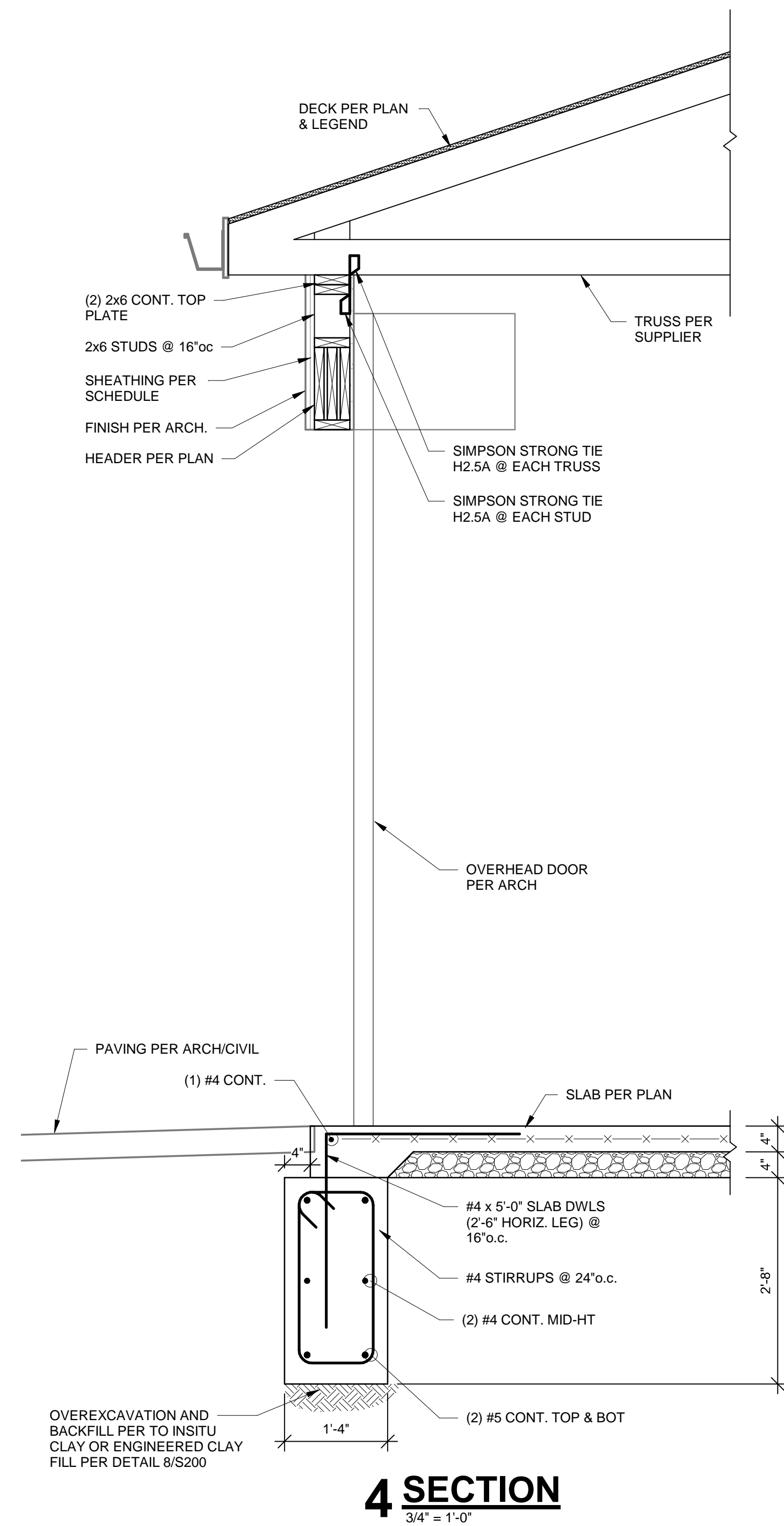
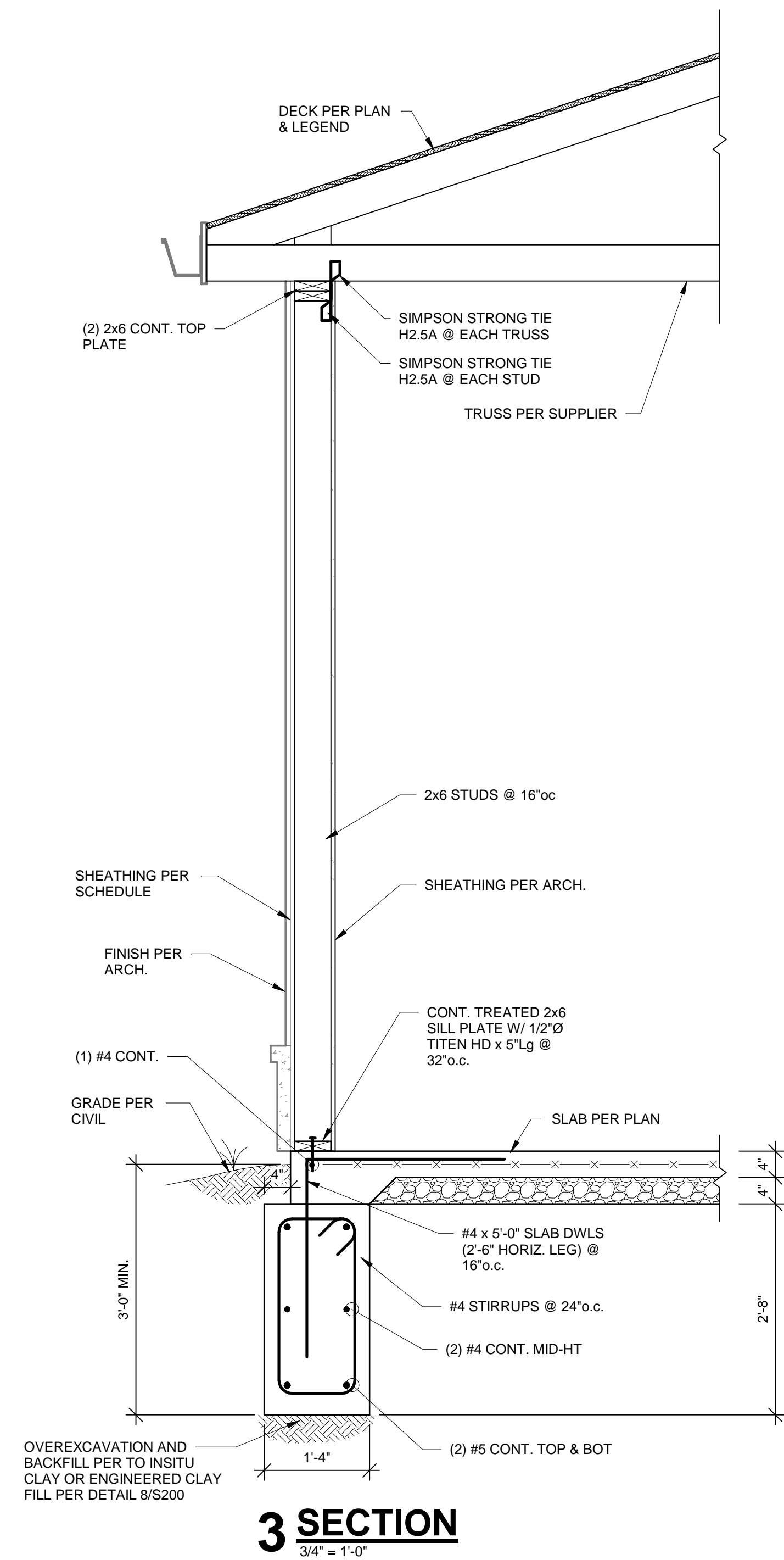
TYPICAL WOOD DETAILS



1 MAINTENANCE SHED FOUNDATION PLAN
1/8" = 1'-0"



2 MAINTENANCE SHED ROOF FRAMING PLAN
1/8" = 1'-0"



ARCHITECT	STRUCTURAL ENGINEER	CIVIL ENGINEER	GENERAL CONTRACTOR	MECHANICAL ENGINEER	PLUMBING ENGINEER	ELECTRICAL ENGINEER
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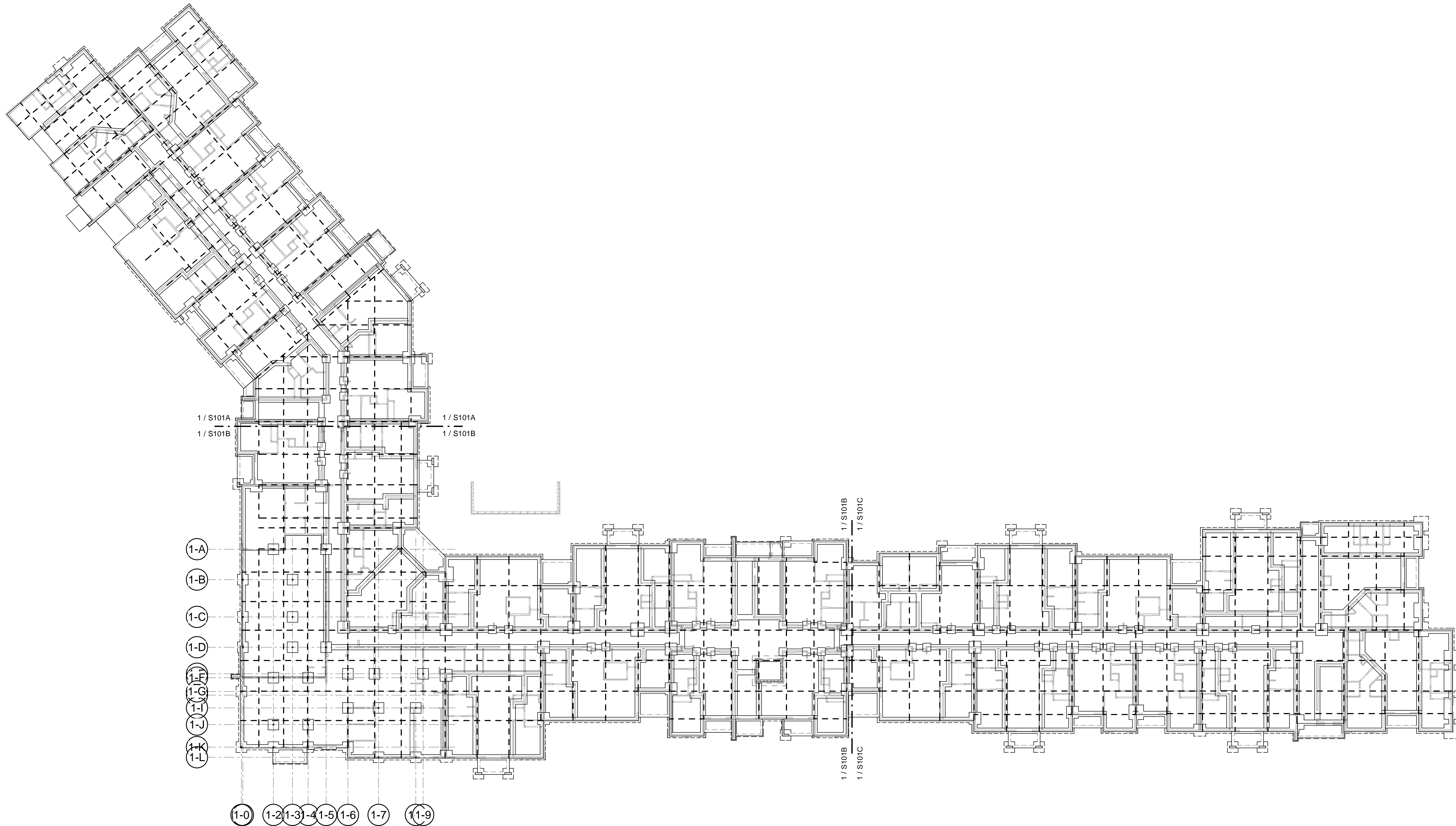
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SHEET NO.

S022

MAINTENANCE SHED



1 Bldg 1-1-FIRST FLOOR FRAMING PLAN - OVERALL 

1/16" = 1'-0"



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SM ENGINEERING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
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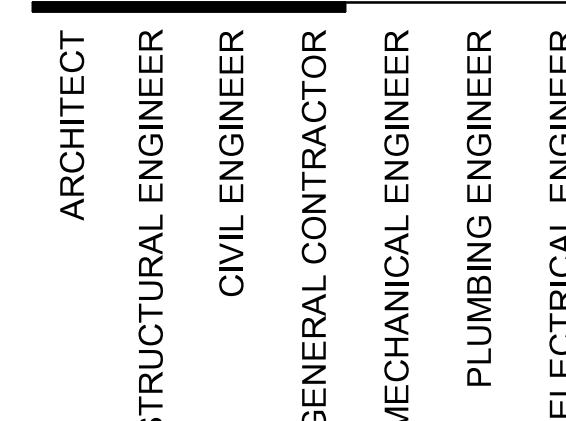
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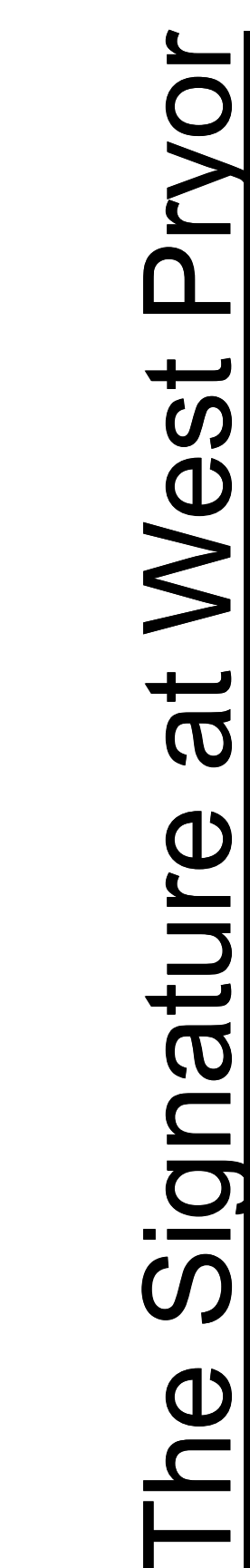
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SHEET NO.

S101
FOUNDATION PLAN



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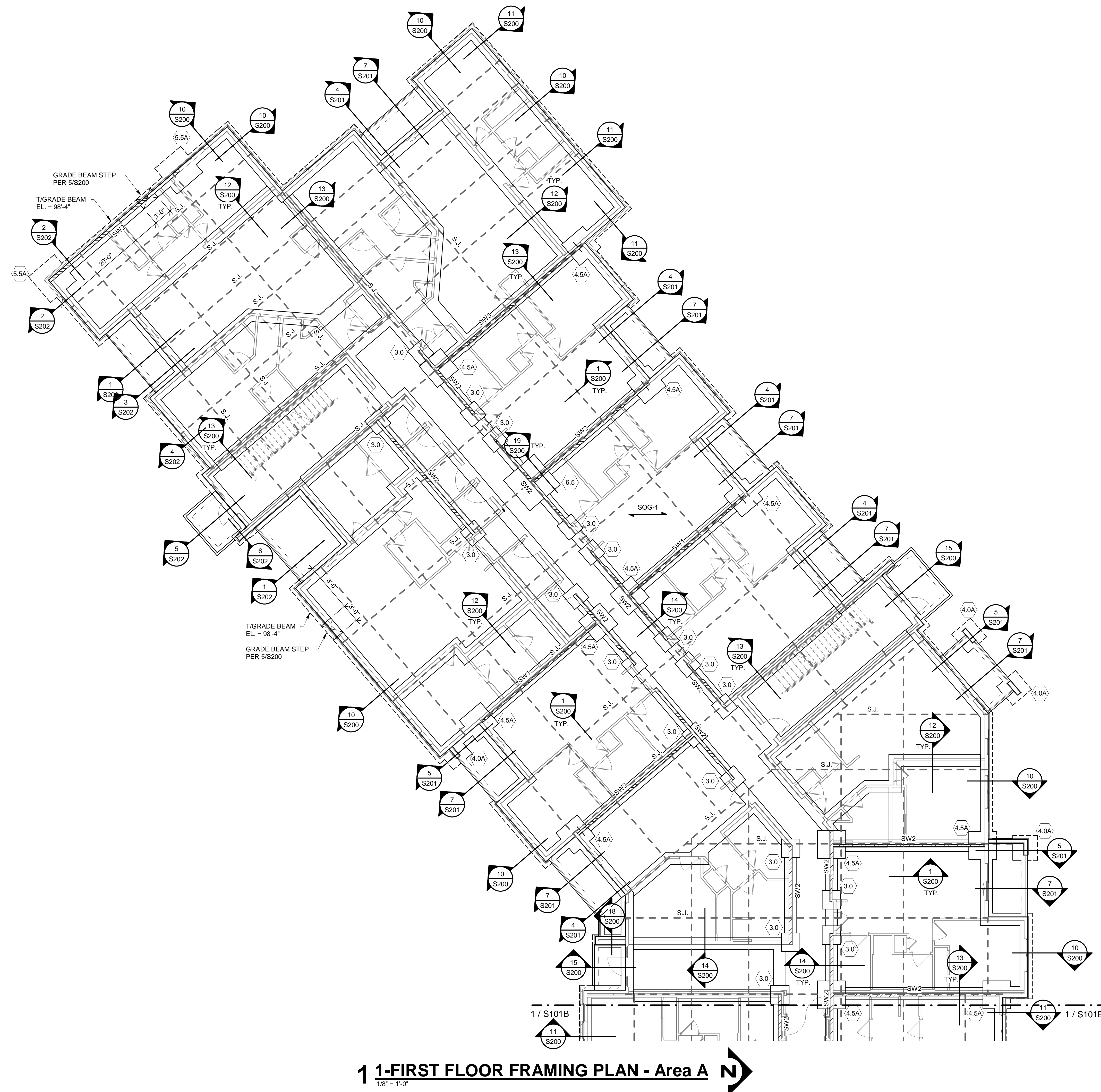
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SHEET NO. _____

S101A

FOUNDATION PLAN - AREA A







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BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
LATIMER SOMMERS & ASSOCIATES	PLUMBING ENGINEER
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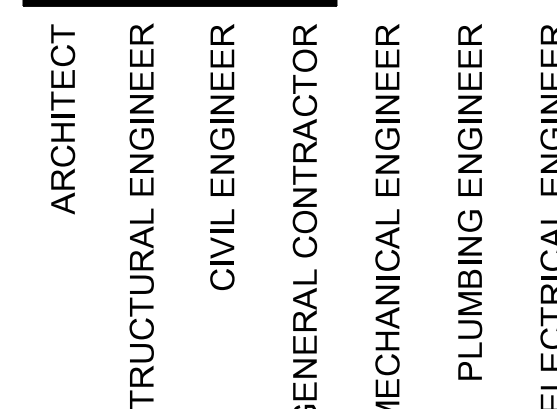
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SHEET NO.

S102

SECOND FLOOR FRAMING PLAN

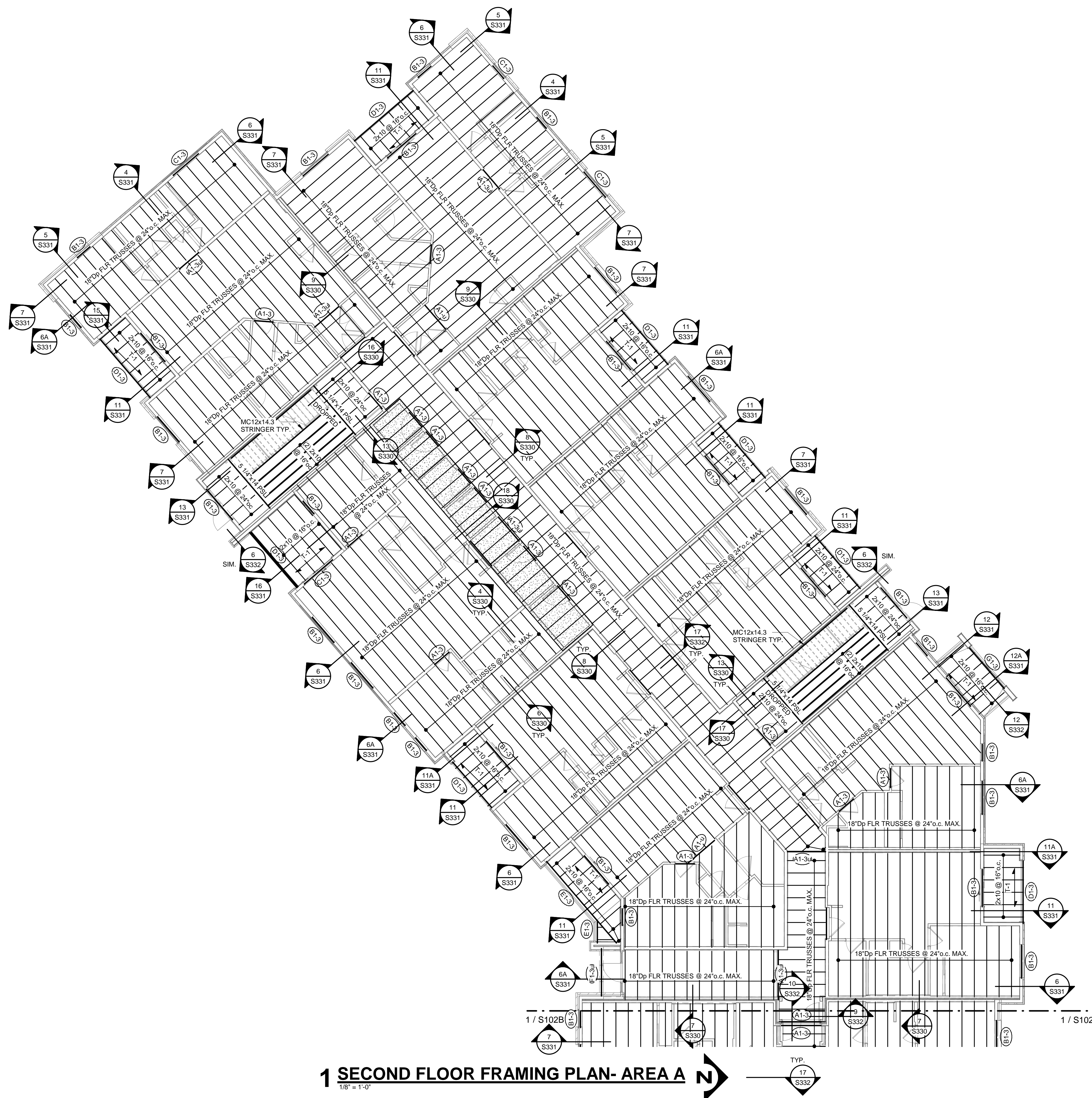


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BOB D CAMPBELL &
SM ENGINEERING
BRINKMANN CONSULTANTS
LATIMER SOMMER
ASSOCIATES
LATIMER SOMMER
ASSOCIATES
LATIMER SOMMER



NOTES:

1. REFER TO GENERAL NOTES ON SHEET S001.
2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
3. REFER TO HEADER/BEAM SCHEDULE ON SHEET S003.
4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED.
6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CEILING; REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
7. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
 - A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE "1" U.N.O.
8. PROVIDE PUBLIC AREA DESIGN FOR LIVE LOAD PER GENERAL NOTE 2 B ON S001.
9. PROVIDE STORAGE AREA DESIGN FOR LIVE LOAD PER GENERAL NOTE 2 B ON S001.



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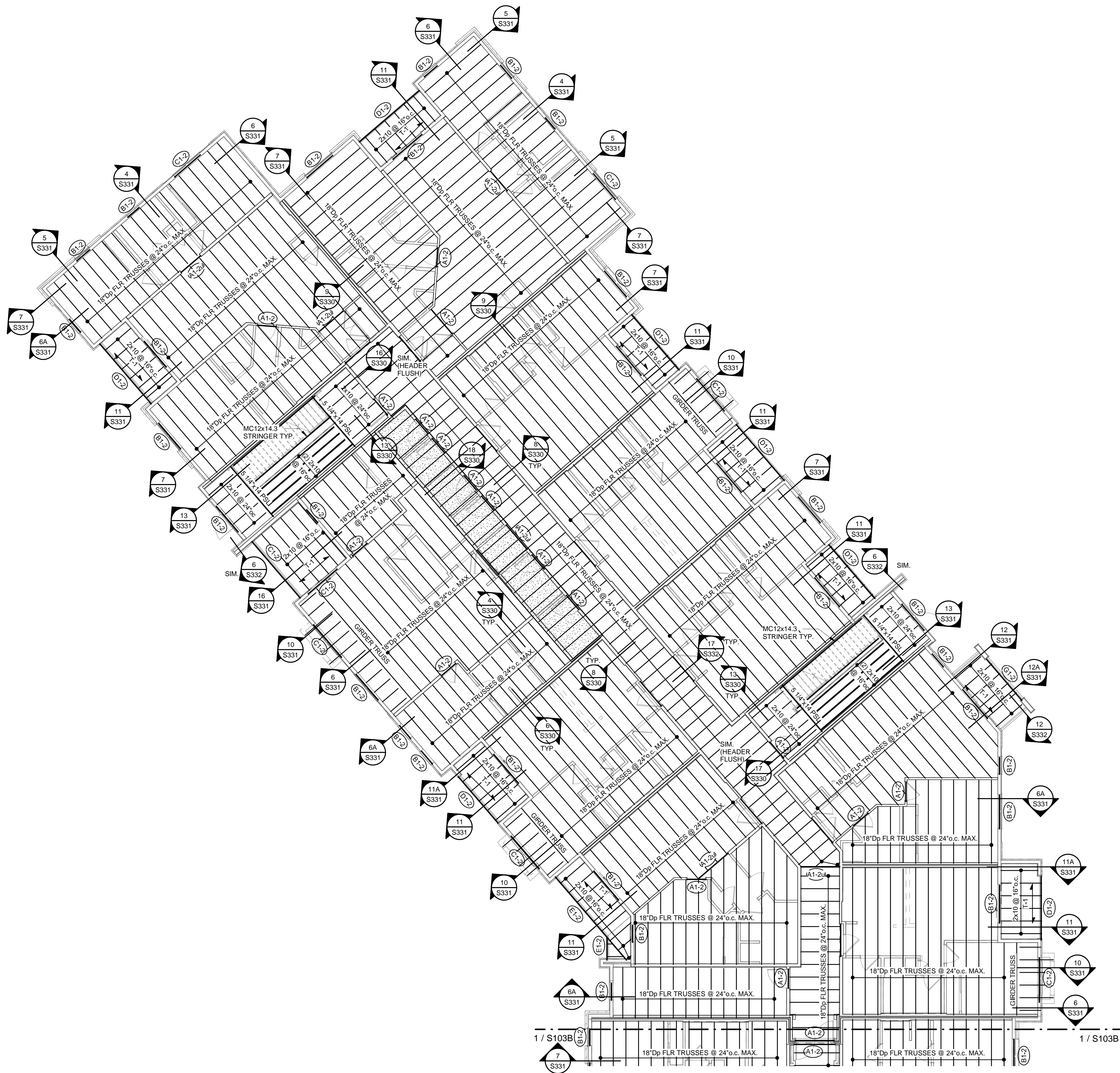
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SHEET NO. _____

S102A

010271

SECOND FLOOR FRAMING PLAN-
AREA A



1 THIRD FLOOR FRAMING PLAN- AREA A
1/8" = 1'-0"

WOOD FLOOR FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDDOWN SCHEDULE ON S004.
 5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET. REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
 7. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
 8. A. WOOD FLOOR DECK TO BE DECK TYPE "D-1" U.N.O.
B. BALCONY FLOOR DECK TO BE DECK TYPE "T-1" U.N.O.
C. PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001
D. STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001

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CIVIL ENGINEER

GENERAL CONTRACTOR

MECHANICAL ENGINEER

PLUMBING ENGINEER

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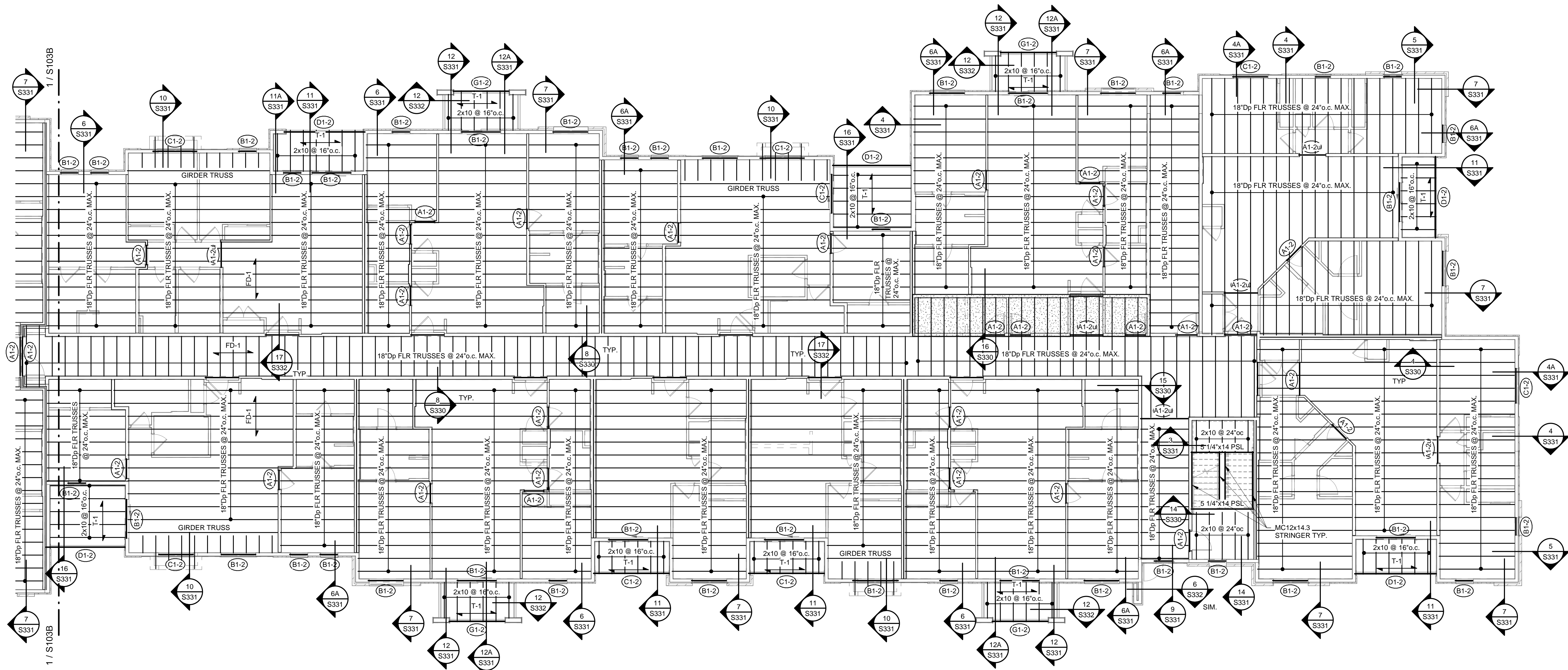
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SHEET NO.

S103A

THIRD FLOOR FRAMING PLAN- AREA A



1 THIRD FLOOR FRAMING PLAN- AREA C
1/8" = 1'-0"

WOOD FLOOR FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
 5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET; REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
 7. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
 - A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE "T-1" U.N.O.
 8. PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001.
 STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001.

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CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
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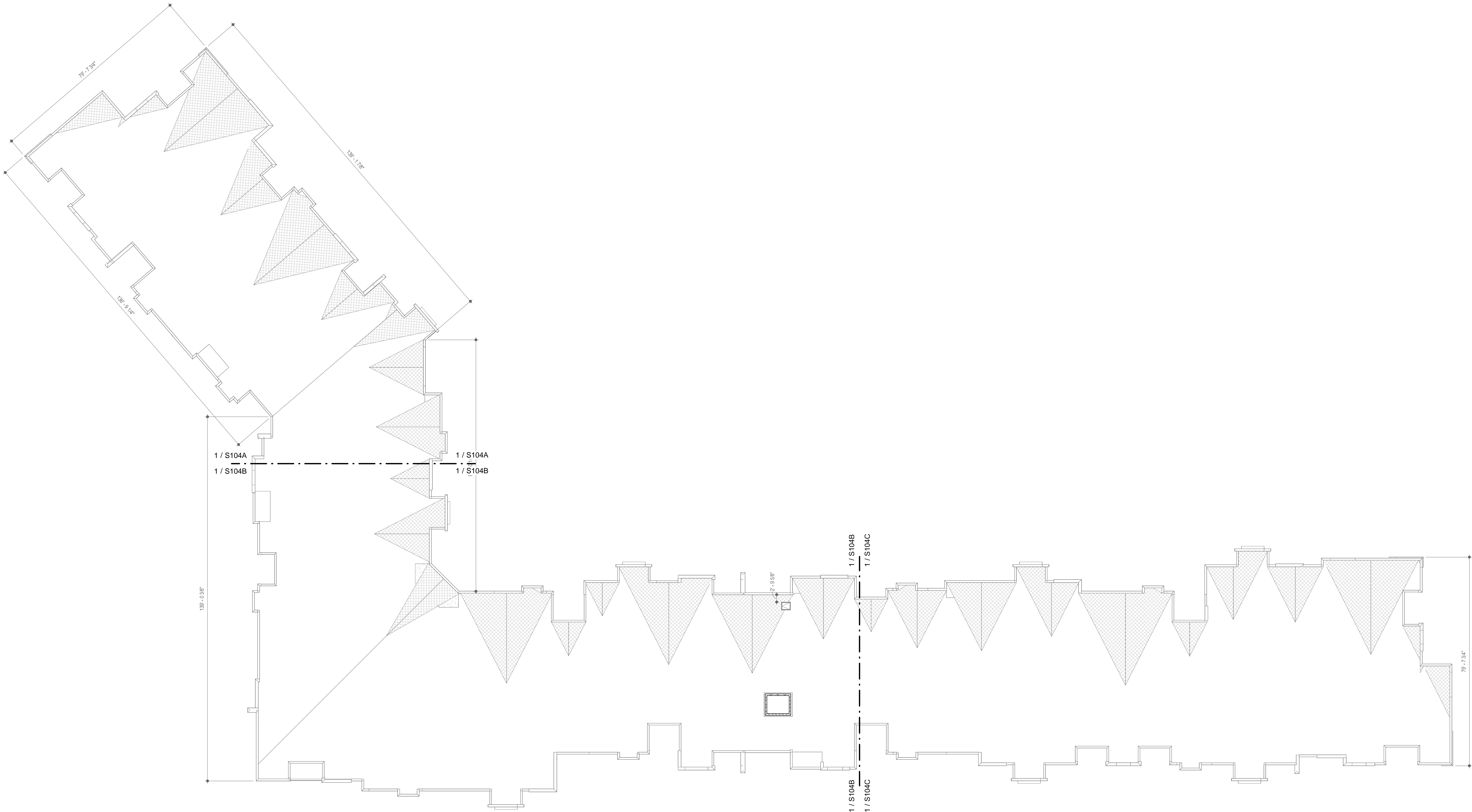
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SHEET NO.

S103C

THIRD FLOOR FRAMING PLAN- AREA C



1 ROOF FRAMING PLAN

1/16" = 1'-0"



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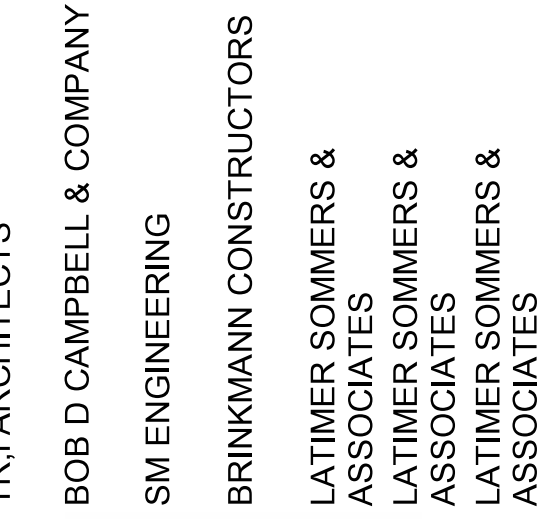
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SHEET NO.

S104

ROOF FRAMING PLAN



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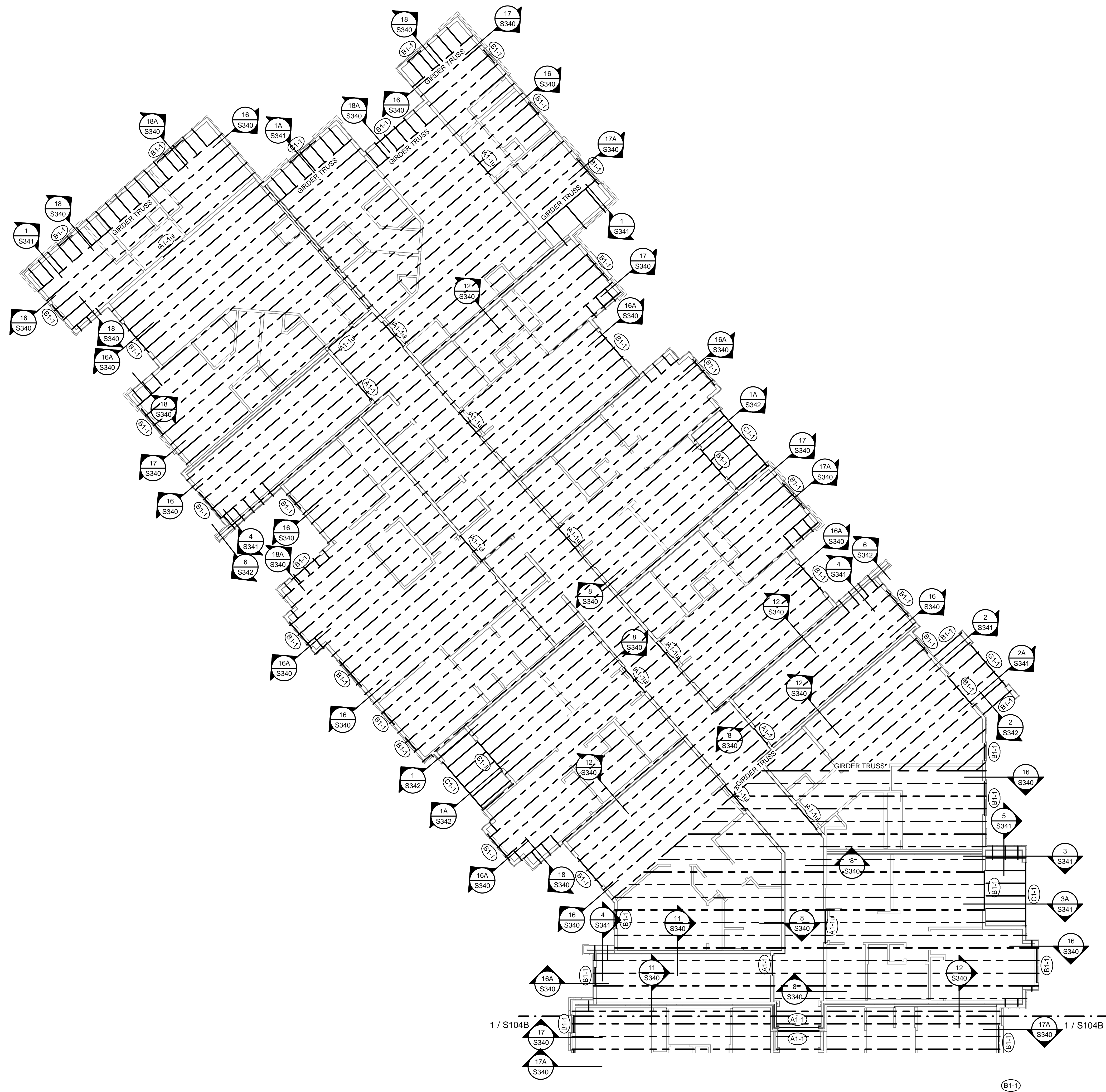
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SHEET NO.

S104A

DOOF FRAMING PLAN- AREA A



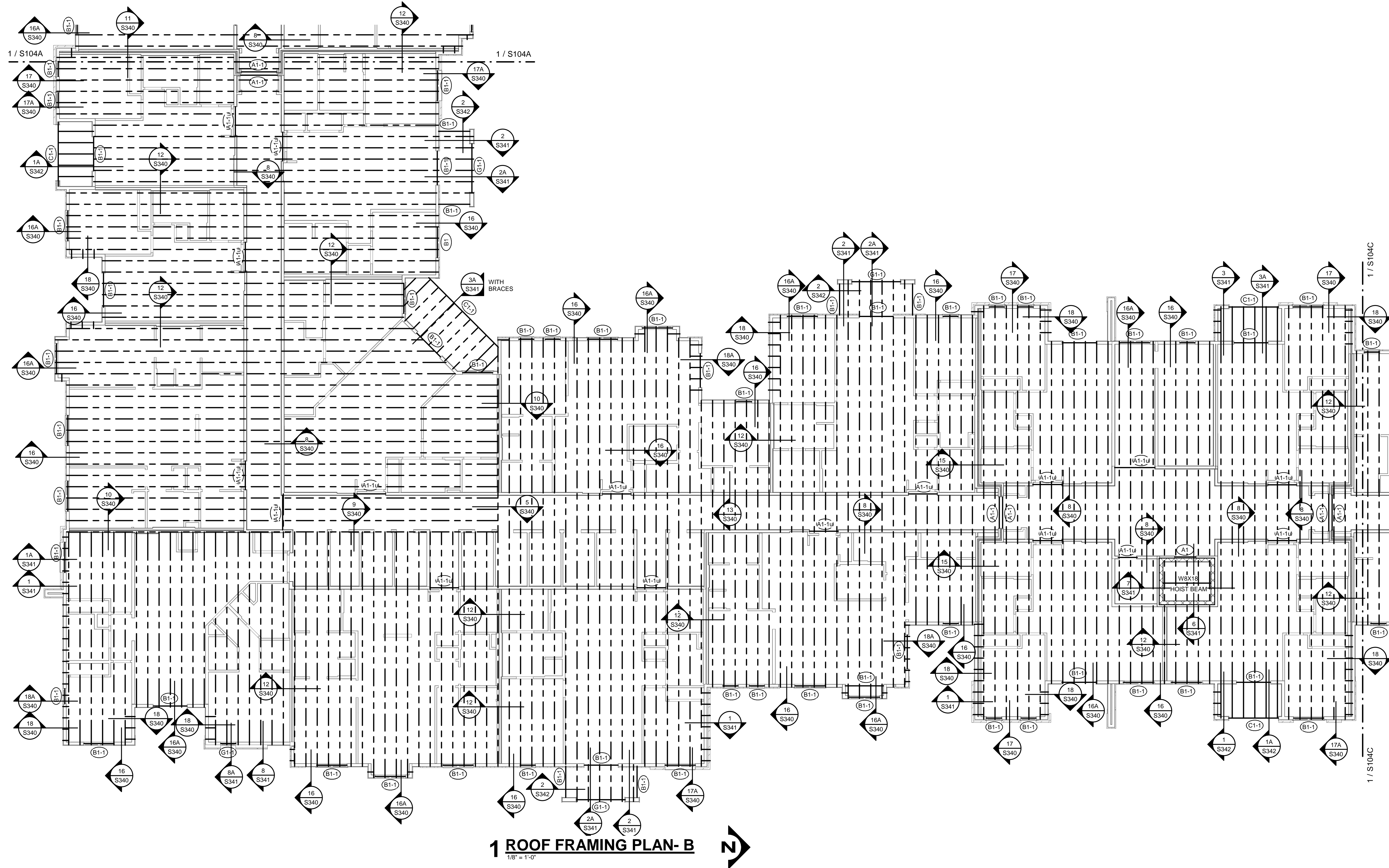
1 ROOF FRAMING PLAN- AREA A

$$1/8^{\circ} = 1'-0"$$

WOOD ROOF FRAMING

NOTES:

- 1. REFER TO GENERAL NOTES ON SHEET S001.
- 2. REFER TO STUD BEARING SCHEDULE ON SHEET S003.
- 3. REFER TO HEADER/BEAM/JAMBS SCHEDULE ON SHEET S003.
- 4. REFER TO SHEARWALL AND HOLDDOWN SCHEDULE ON S004.
- 5. REFER TO S340 SERIES STUDS FOR ADDITIONAL FLOOR FRAMING DETAILS.
NOT INDICATED OTHERWISE.
- 6. PROVIDE (3) STUDS MINIMUM ALIGNED UNDER EACH END OF EACH GIRDER TRUSS. PROVIDE SQUASH BLOCKS AND JAMBS AT EA. FLOOR BELOW DOWN TO FOUNDATION. (TYP) STUDS TO MATCH NUMBER OF GIRDER TRUSS PLIES (3 MIN) REFER TO DETAIL S3540.
- 7. PROVIDE UNIFORM UPLIFT SCREWS @ UPPER FLOOR PER DETAILS 3, 3A, 3B, 4.
- 8. PRE-EN TRUSSES HAVE A MINIMUM DEPTH OF 24". SLOPE TOP CHORD PER ARCHITECTURAL DRAWINGS.
- 9. REFER TO S001 FOR S4-8 AND DETAIL SCHEDULE.
 - A. WOOD ROOF DECK TO BE DECK TYPE "RD-1" U.N.O.



1 ROOF FRAMING PLAN- B
1/8" = 1'-0"

WOOD ROOF FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
 5. REFER TO S340 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE (3) STUDS MINIMUM ALIGNED UNDER EACH END OF EACH GIRDER TRUSS. PROVIDE SQUASH BLOCKS AND JAMBS AT EA. FLOOR BELOW DOWN TO FOUNDATION. (TOTAL STUDS TO MATCH NUMBER OF GIRDER TRUSS FLIES (3 MIN.) REFER TO DETAIL 3/S340.
 7. PROVIDE UNIFORM UPLIFT SCREWS @ UPPER FLOOR PER DETAILS 3, 3A, 3B, 4 AND 5 ON S006.
 8. PRE-ENG TRUSSES TO HAVE A MINIMUM DEPTH OF 24". SLOPE TOP CHORD PER ARCHITECTURAL DRAWINGS.
 9. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
A. WOOD ROOF DECK TO BE DECK TYPE "RD-1" U.N.O.

ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

TRI ARCHITECTS
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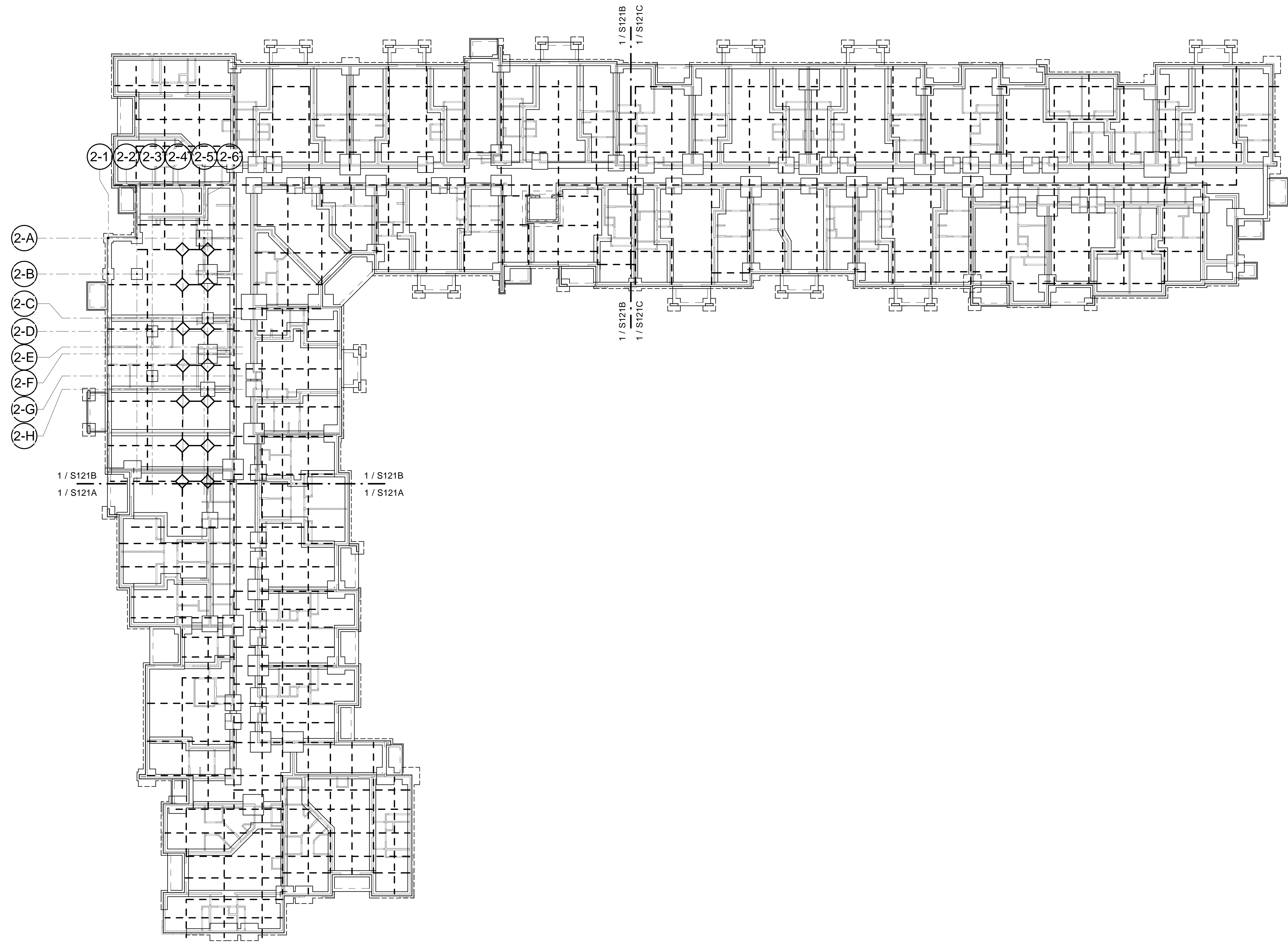
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SHEET NO.

S104B
ROOF FRAMING PLAN- AREA B



1 Bldg 2- FOUNDATION PLAN
1/16" = 1'-0"



TR,i ARCHITECTS	ARCHITECT
BOB D CAMPBELL & COMPANY	STRUCTURAL ENGINEER
SM ENGINEERING	CIVIL ENGINEER
BRINKMANN CONSTRUCTORS	GENERAL CONTRACTOR
LATIMER SOMMERS & ASSOCIATES	MECHANICAL ENGINEER
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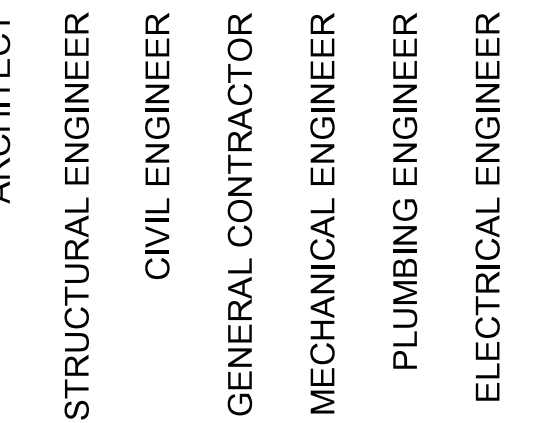
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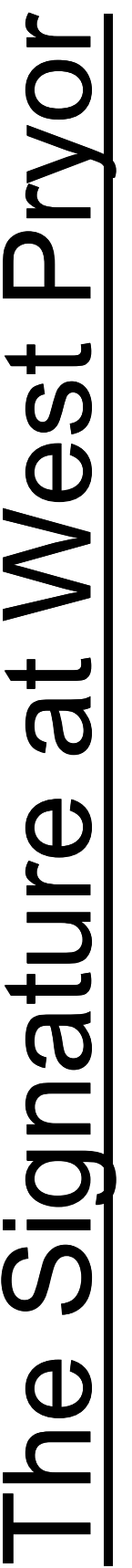
SHEET NO.

S121

BLDG 2 - FOUNDATION PLAN



BOB D CAMPBELL & COMPANY
SM ENGINEERING
BRINKMANN CONSTRUCTORS
LATIMER SOMMERS & ASSOCIATES
LATIMER SOMMERS & ASSOCIATES
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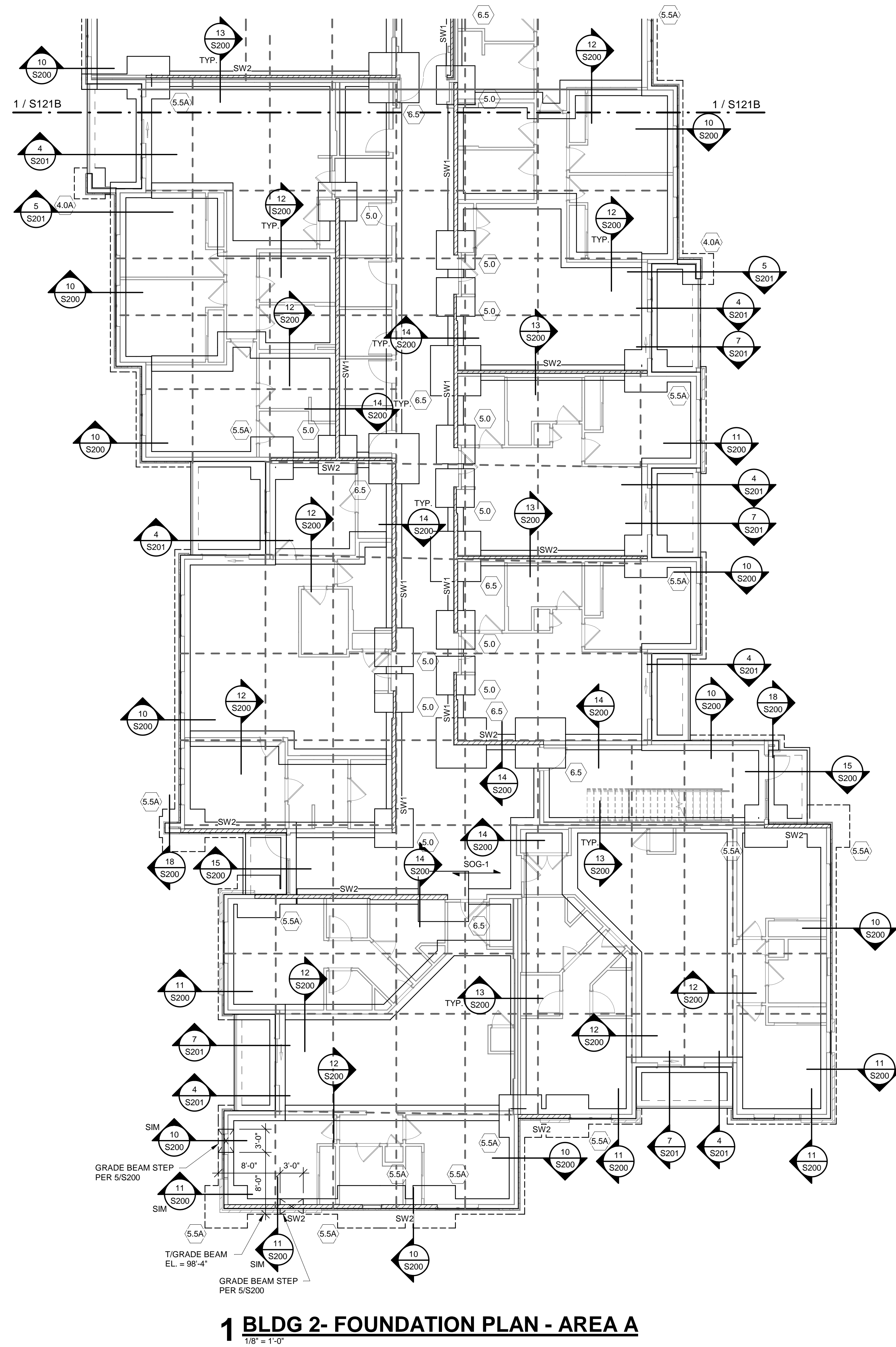
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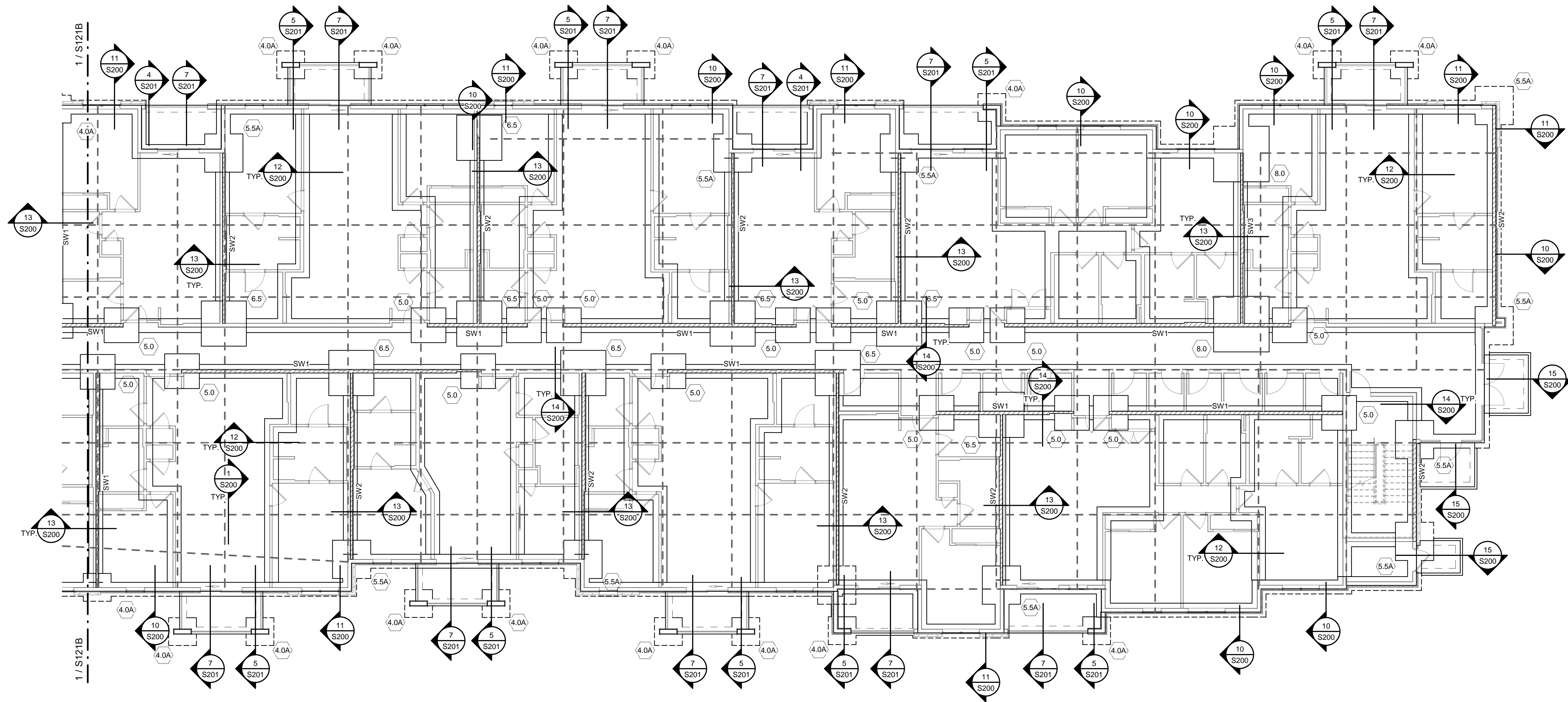
HEET NO.

C404A

SIZIA

FDG 2- FOUNDATION PLAN - AREA .





1 BLDG 2- FOUNDATION PLAN - AREA C
1/8" = 1'-0"



ARCHITECT	STRUCTURAL ENGINEER	CIVIL ENGINEER	GENERAL CONTRACTOR	MECHANICAL ENGINEER	PLUMBING ENGINEER	ELECTRICAL ENGINEER
TRI ARCHITECTS	BOB D CAMPBELL & COMPANY	SM ENGINEERING	BRINKMANN CONSTRUCTORS	LATIMER SOMMERS & ASSOCIATES	LATIMER SOMMERS & ASSOCIATES	LATIMER SOMMERS & ASSOCIATES



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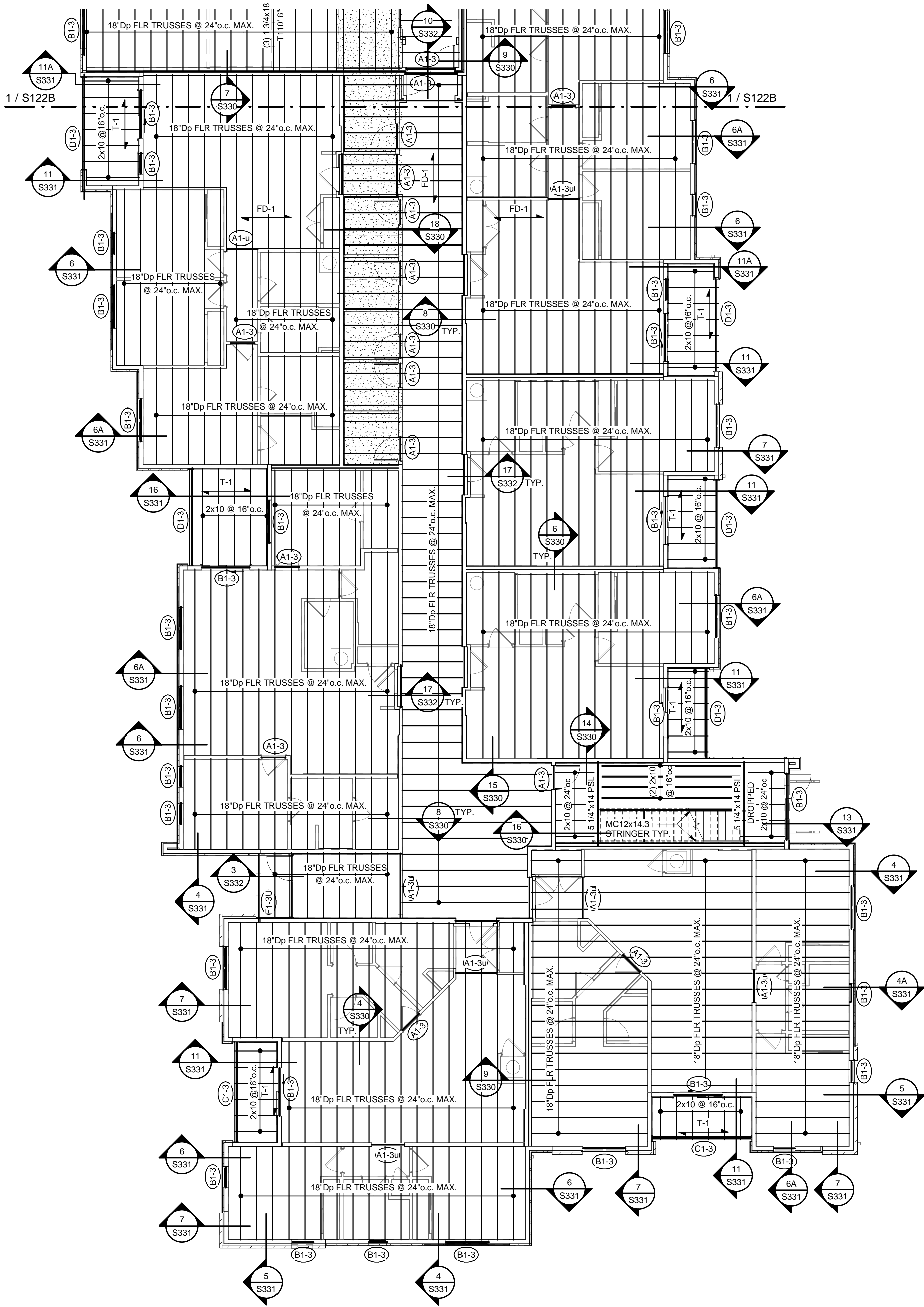
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TRI PROJECT NO. 20-001

SHEET NO.

S121C

BLDG 2- FOUNDATION PLAN - AREA C



1 BLDG 2- SECOND FLOOR FRAMING - AREA A
1/8" = 1'-0"

WOOD FLOOR FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BREAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
 5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET. REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
 7. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
 - A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE "1-1" U.N.O.
 8. PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001.
STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001



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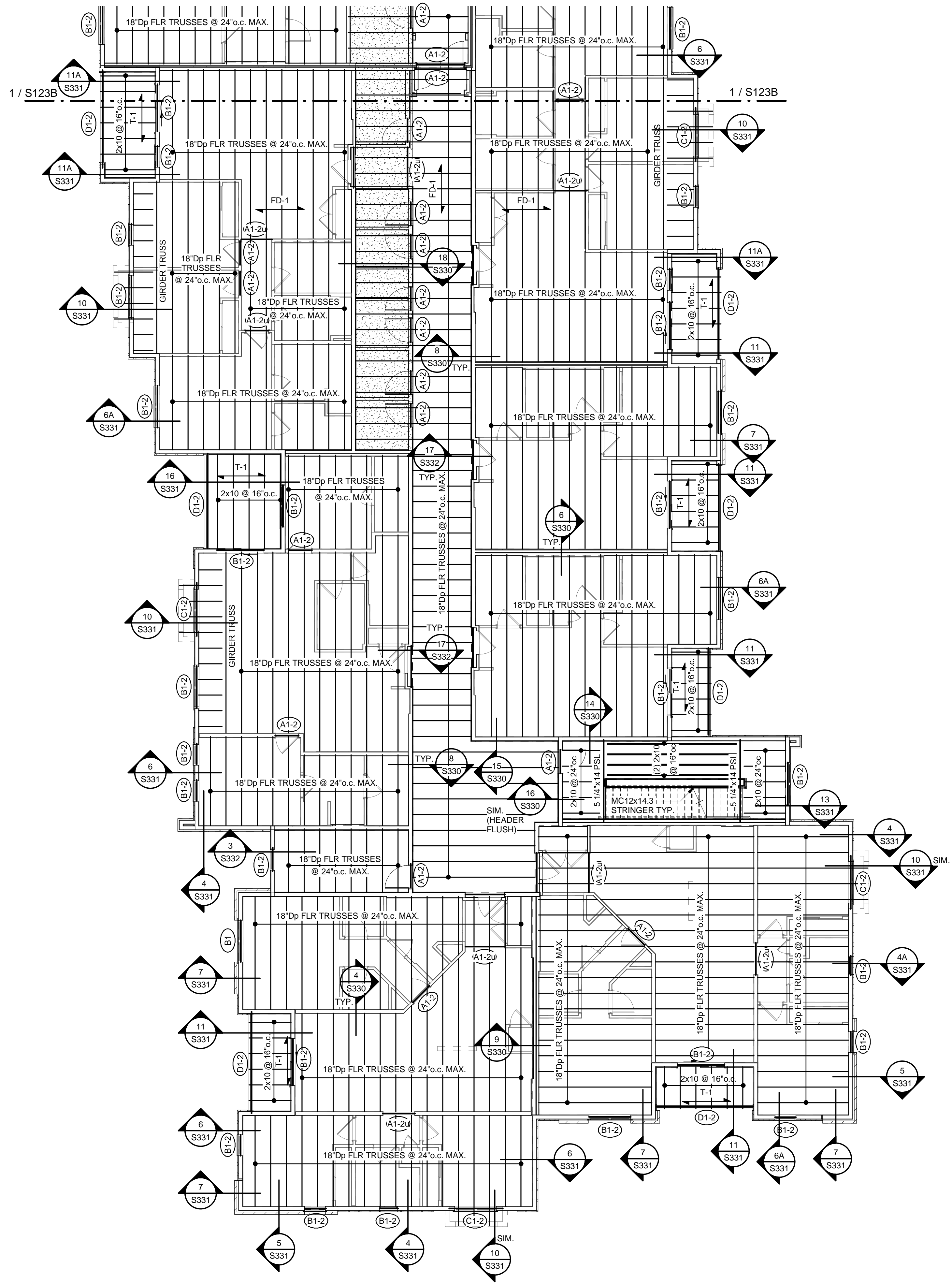
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TR,i PROJECT NO. 20-001

SHEET NO.

S122A


BLDG 2 - SECOND FLOOR FRAMING
PLAN - AREA A



1 BLDG 2- THIRD FLOOR FRAMING PLAN - AREA A
1/8" = 1'-0"


WOOD FLOOR FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
 5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET. REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
 7. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
 - A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE "T-1" U.N.O.
 8. PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001.
STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001



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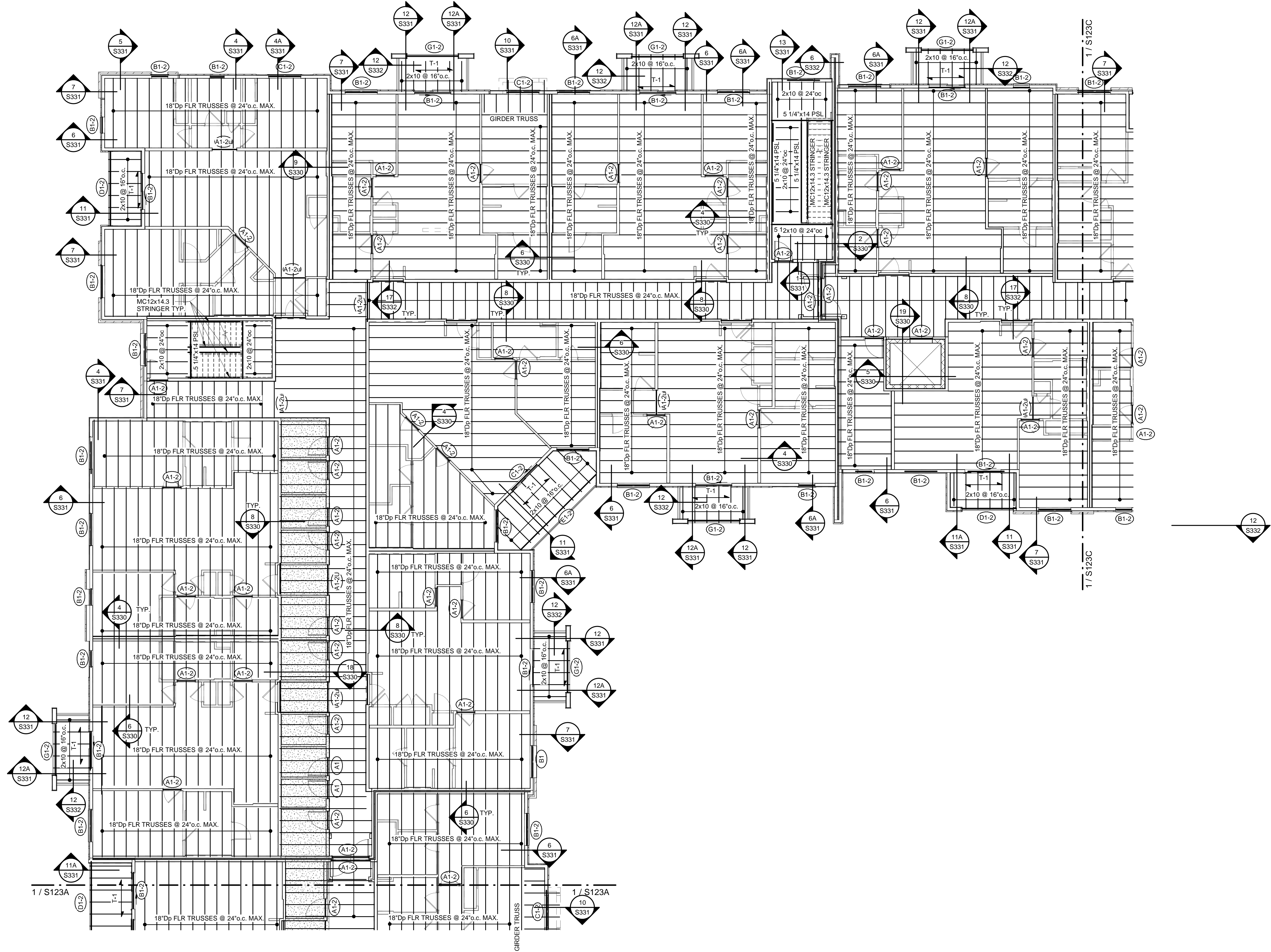
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TR,i PROJECT NO. 20-001

SHEET NO.


S123A
BLDG 2- THIRD FLOOR FRAMING
PLAN - AREA A



1 BLDG 2- THIRD FLOOR FRAMING PLAN - AREA B
1/8" = 1'-0"


WOOD FLOOR FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
 5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET; REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
 7. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
 - A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE "T-1" U.N.O.
 - C. PUBLIC AREA DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001
 - D. STORAGE AREA DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001



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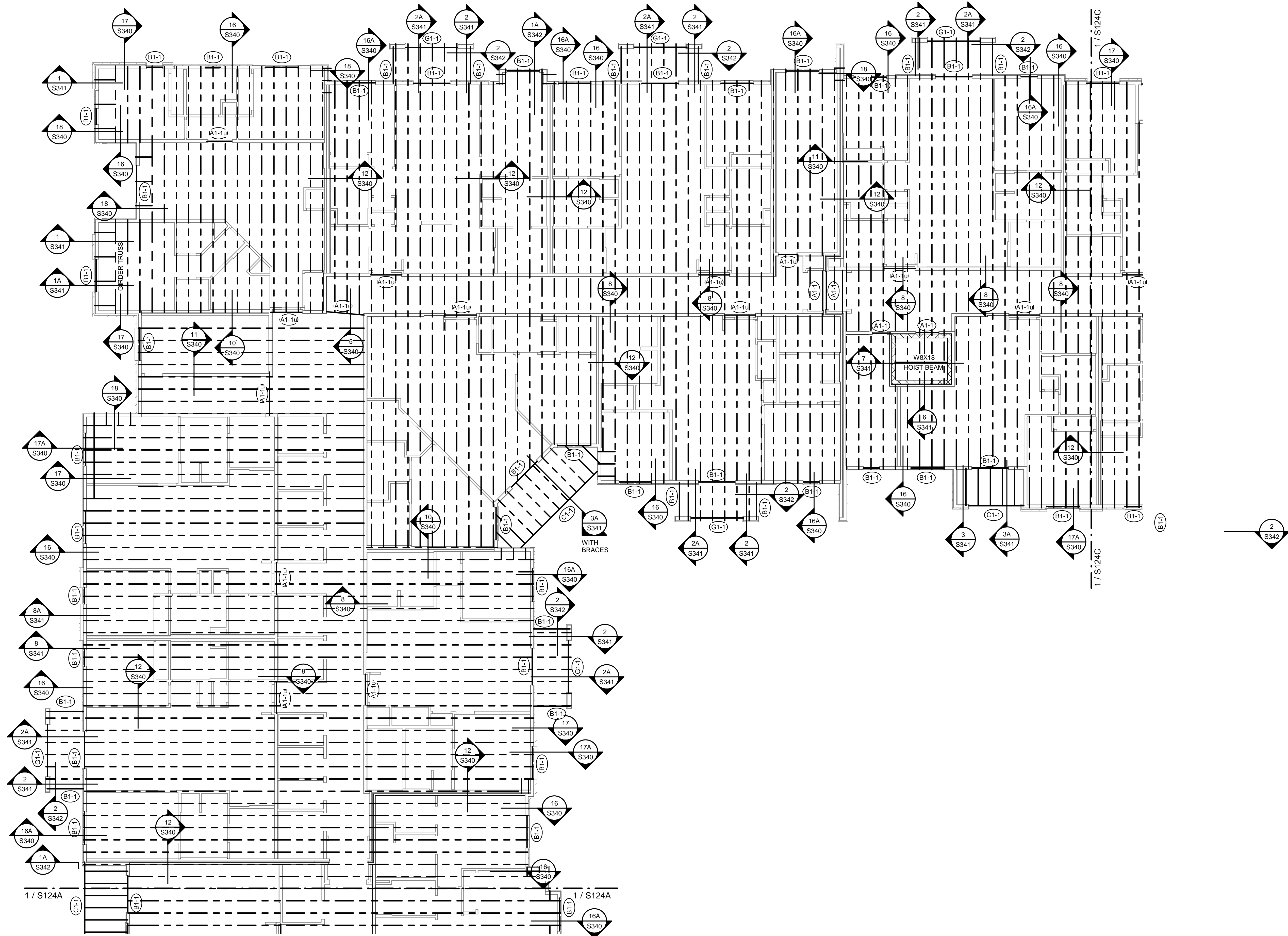
S123B
BLDG 2- THIRD FLOOR FRAMING
PLAN - AREA B



NOTES:

1. REFER TO GENERAL NOTES ON SHEET S001.
2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
3. REFER TO HEADER/BEARING RISER SCHEDULE ON SHEET S003.
4. REFER TO SHEARWALL AND HOLDDOWN SCHEDULE ON S004.
5. REFER TO S330 SERIES SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED.
6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CEILING; REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
7. REFER TO S001 FOR SUB AND RISE SCHEDULE.
8.
 - A. WOOD FLOOR DECK TO BE DECK TYPE "FD" U.1.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE "T-1" U.1.
9. REFER TO PUBLIC WORKS DEPARTMENT STANDARD DETAIL Z.8-B ON S001 STORAGE AREA DESIGN FOR LIVE LOAD PER GENERAL NOTE Z.8-B ON S001.





1 BLDG 2- ROOF FRAMING PLAN - AREA B
1/8" = 1'-0"

WOOD FLOOR FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDOWN SCHEDULE ON S004.
 5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET. REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
 7. REFER TO S301 FOR SLAB AND DECK SCHEDULE.
 - A. WOOD FLOOR DECK TO BE DECK TYPE 'FD-1' U.N.O.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE 'T-1' U.N.O.
 8. PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001
 STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001

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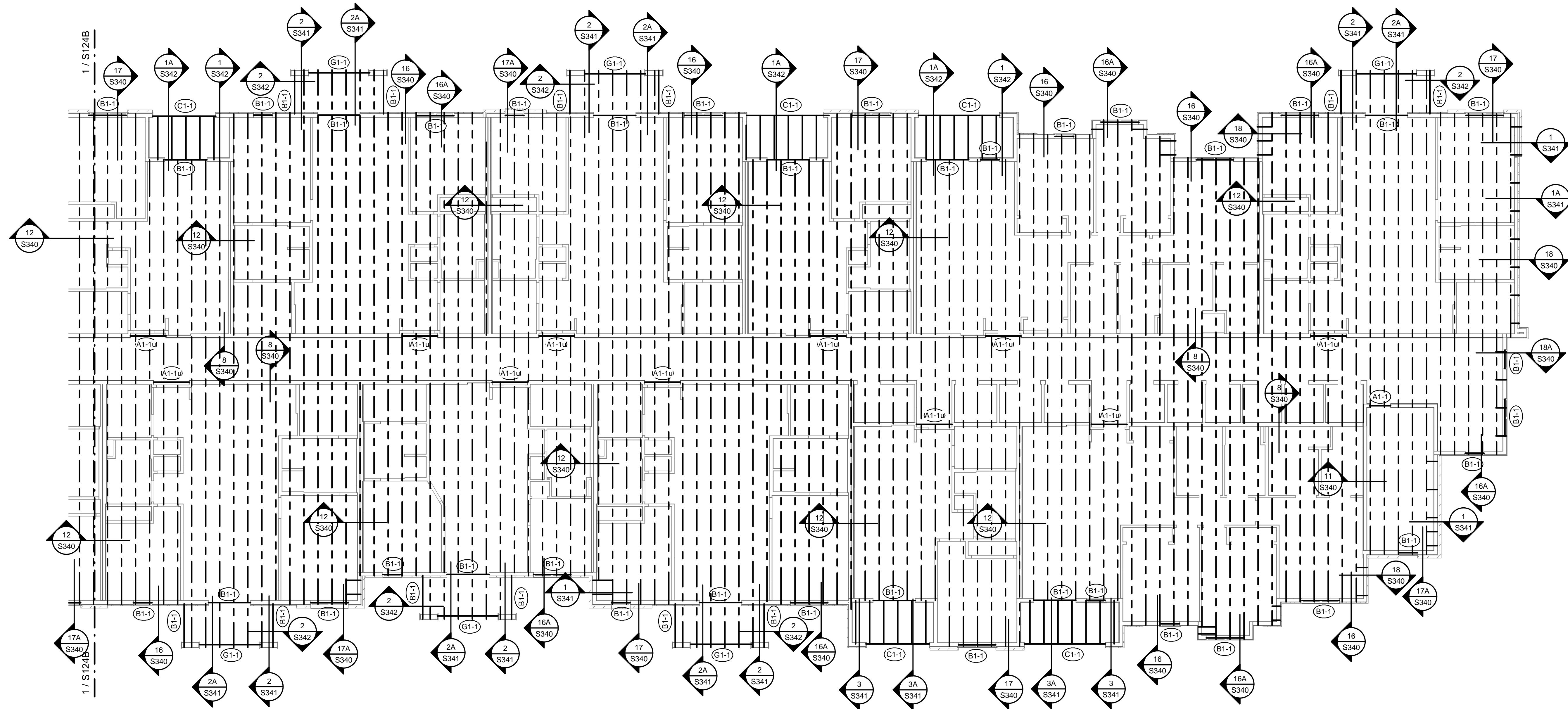
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TR,i PROJECT NO. 20-001

SHEET NO.

S124B

BLDG 2- ROOF FRAMING PLAN - AREA B



1 BLDG 2- ROOF FRAMING PLAN - AREA C
1/8" = 1'-0"

WOOD FLOOR FRAMING

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S001.
 2. REFER TO STUD BEARING WALL SCHEDULE ON SHEET S003.
 3. REFER TO HEADER/BEAM/JAMB SCHEDULE ON SHEET S003.
 4. REFER TO SHEARWALL AND HOLDDOWN SCHEDULE ON S004.
 5. REFER TO S330 SERIES OF SHEETS FOR ADDITIONAL FLOOR FRAMING DETAILS NOT INDICATED HERE.
 6. PROVIDE TRUSS SPACE DIRECTLY ABOVE AND CENTERED OVER HVAC CLOSET; REFER TO ARCH AND MEP DRAWINGS FOR LOCATIONS.
 7. REFER TO S001 FOR SLAB AND DECK SCHEDULE.
 - A. WOOD FLOOR DECK TO BE DECK TYPE "FD-1" U.N.O.
 - B. BALCONY FLOOR DECK TO BE DECK TYPE "T-1" U.N.O.
 8. PUBLIC AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001. STORAGE AREA: DESIGN FOR LIVE LOAD PER GENERAL NOTE 2.B ON S001.



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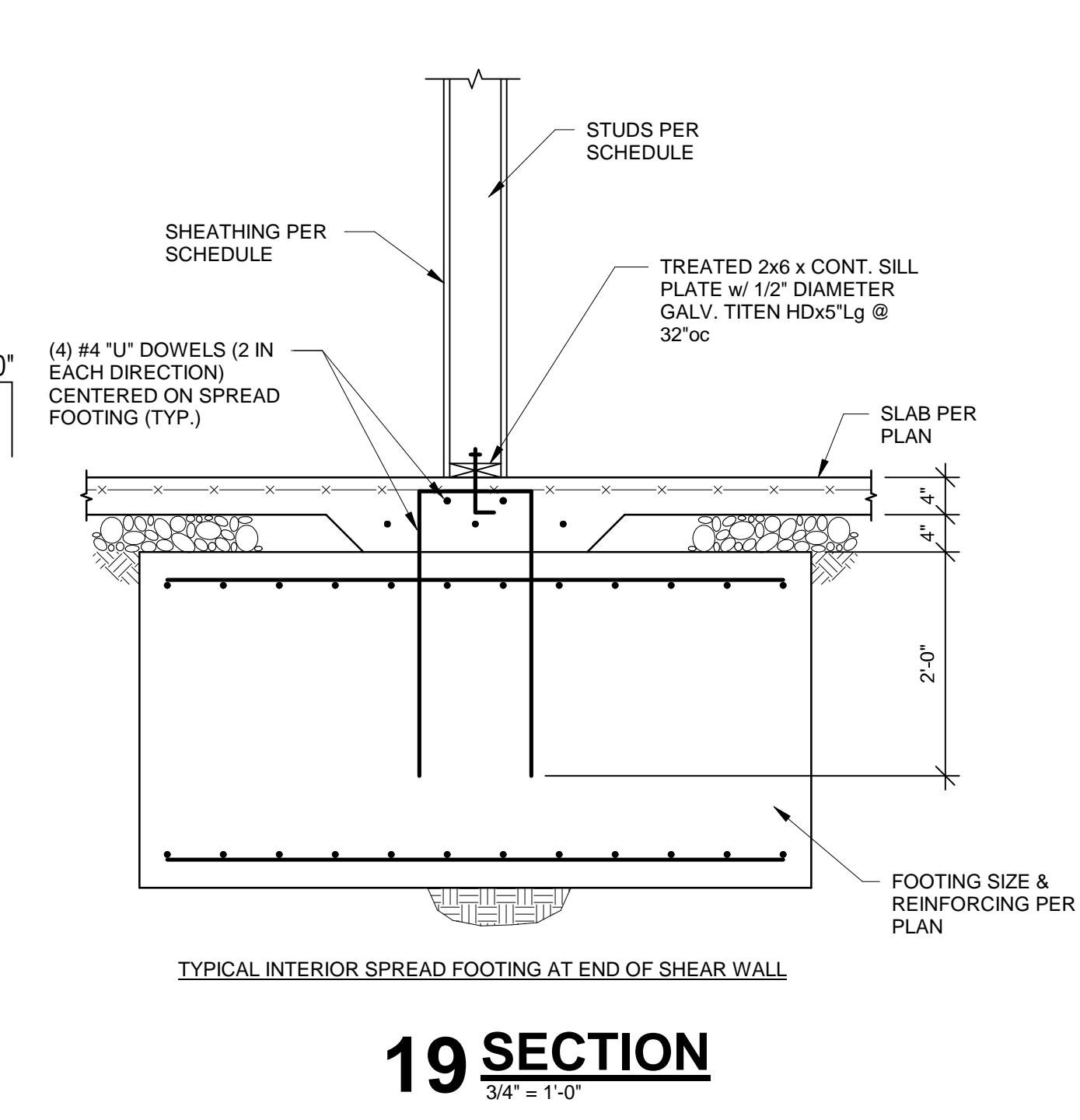
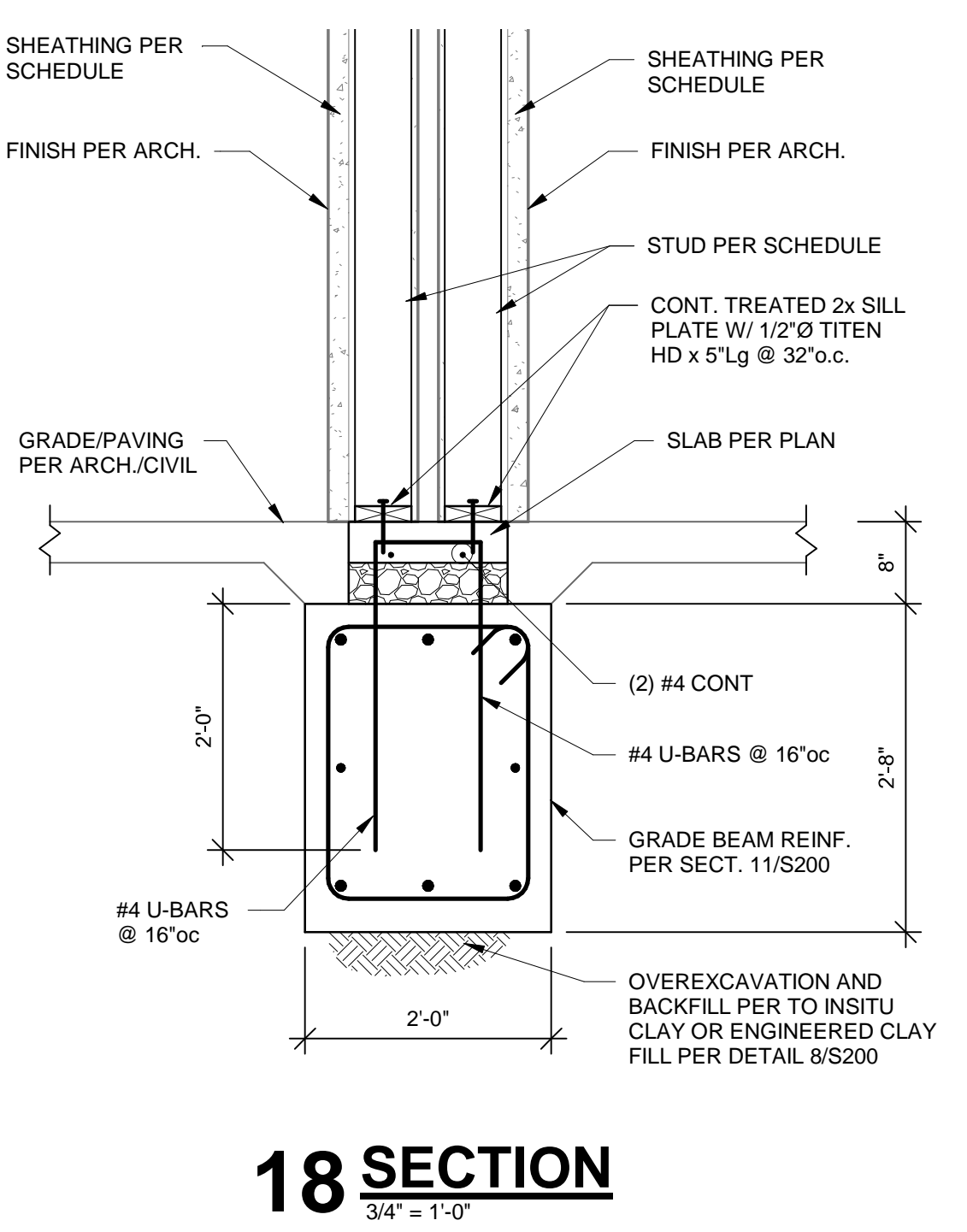
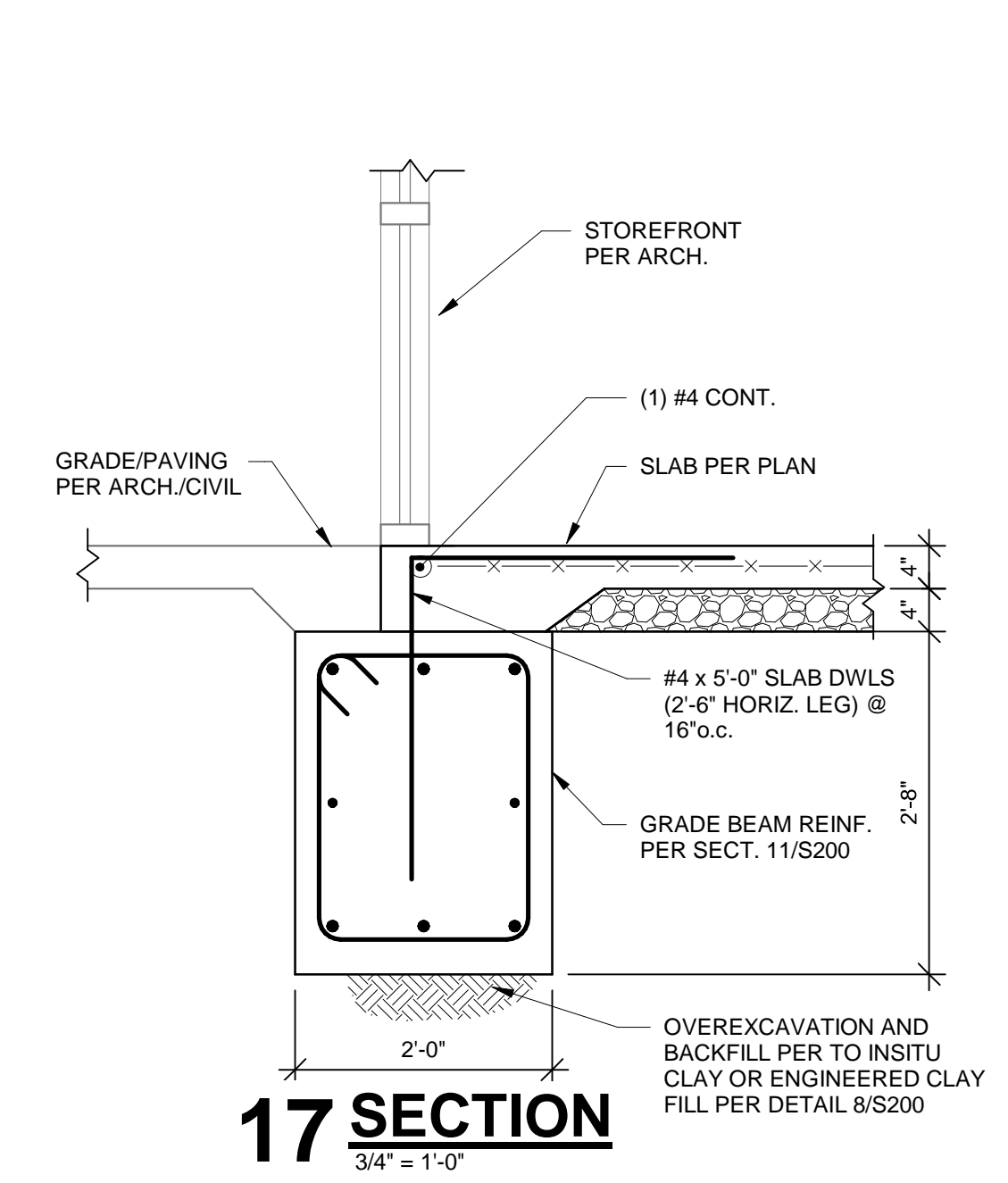
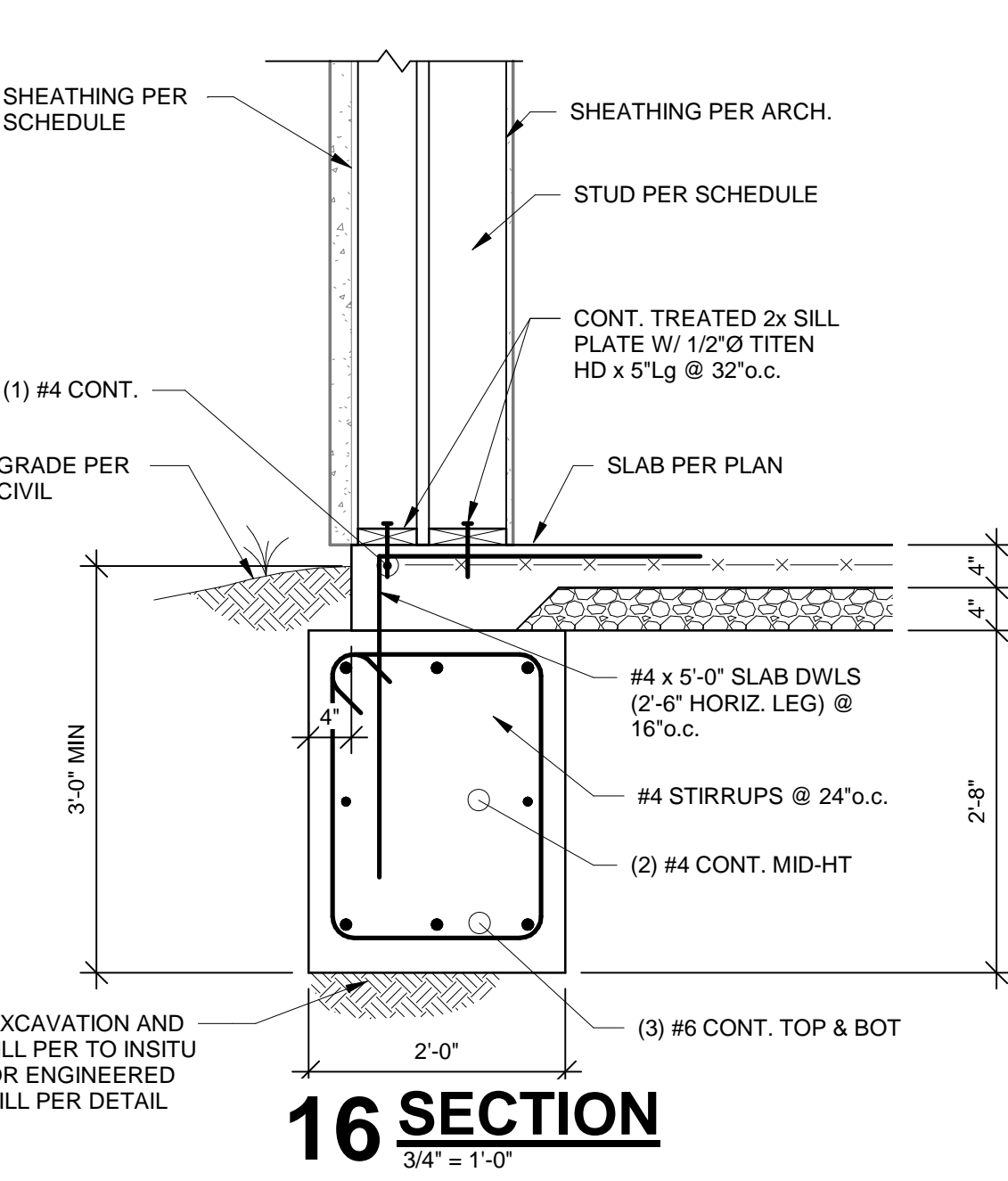
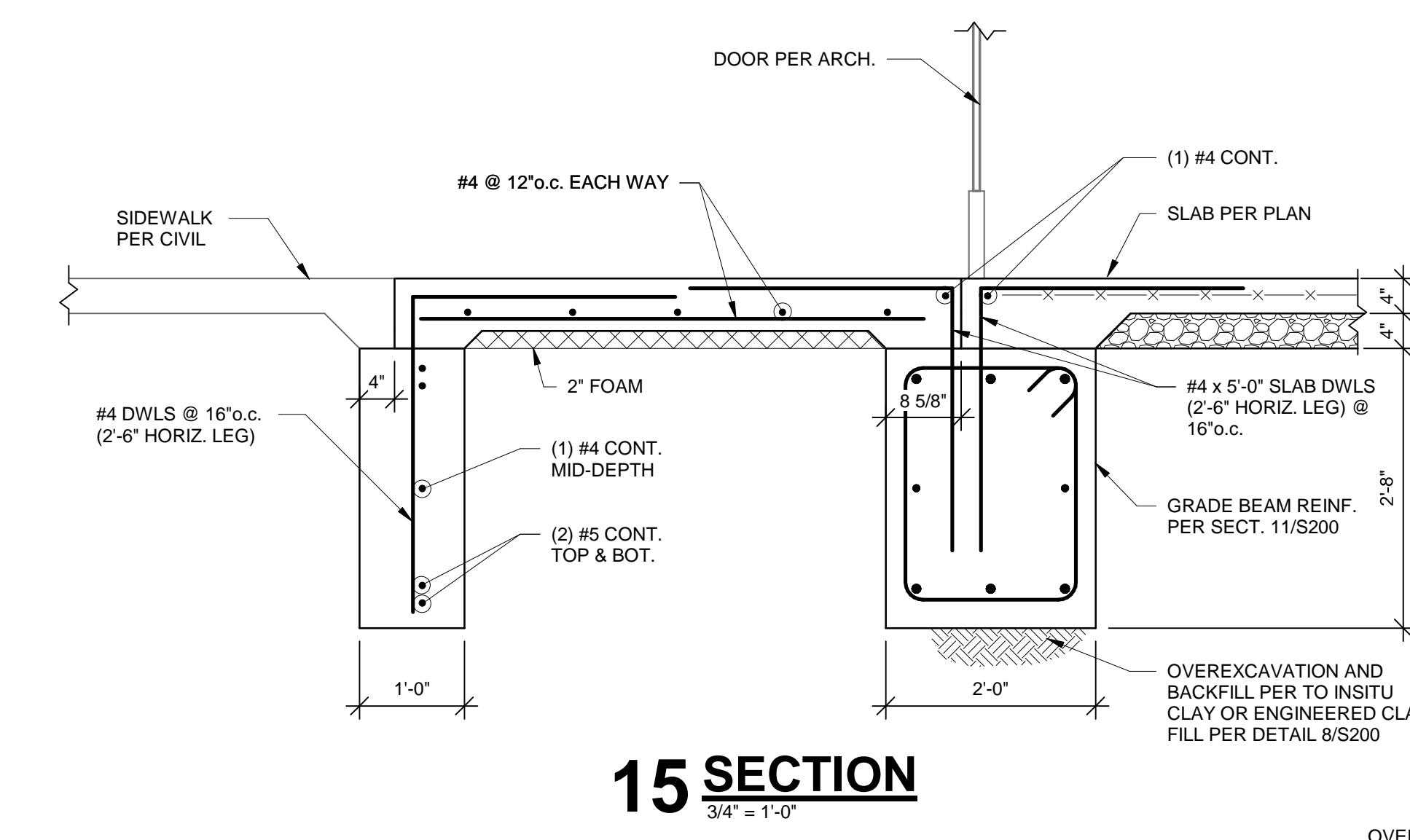
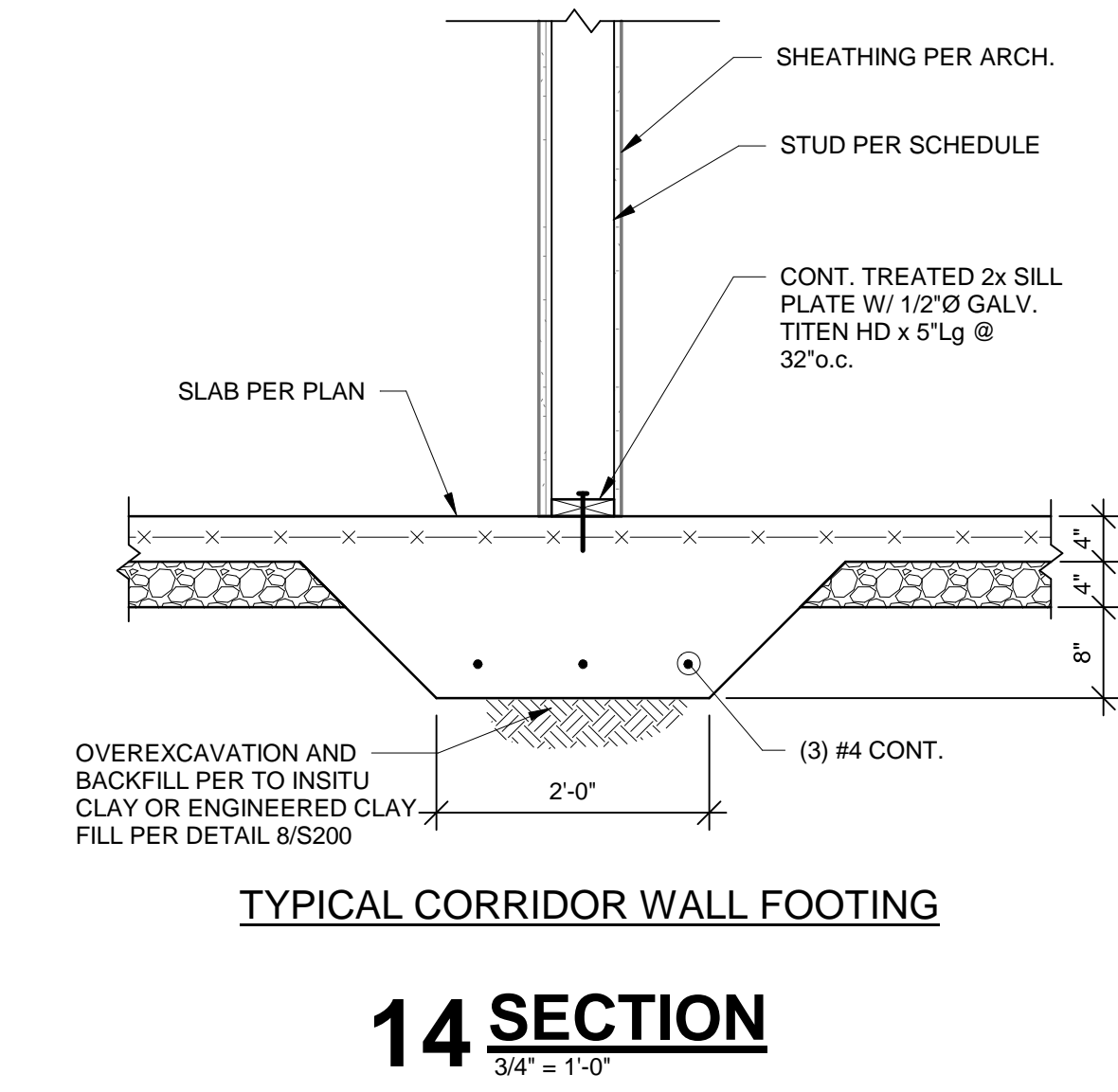
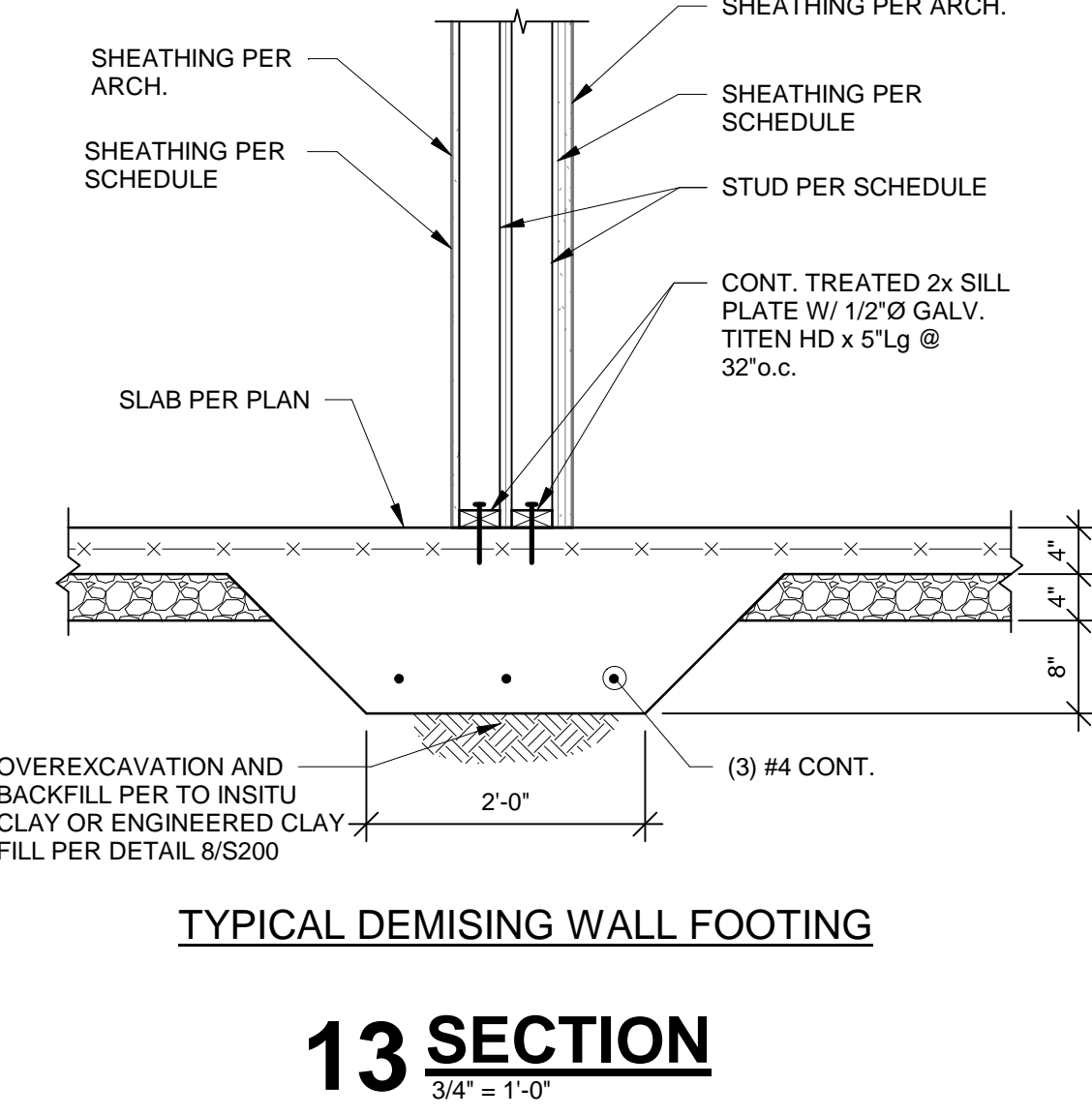
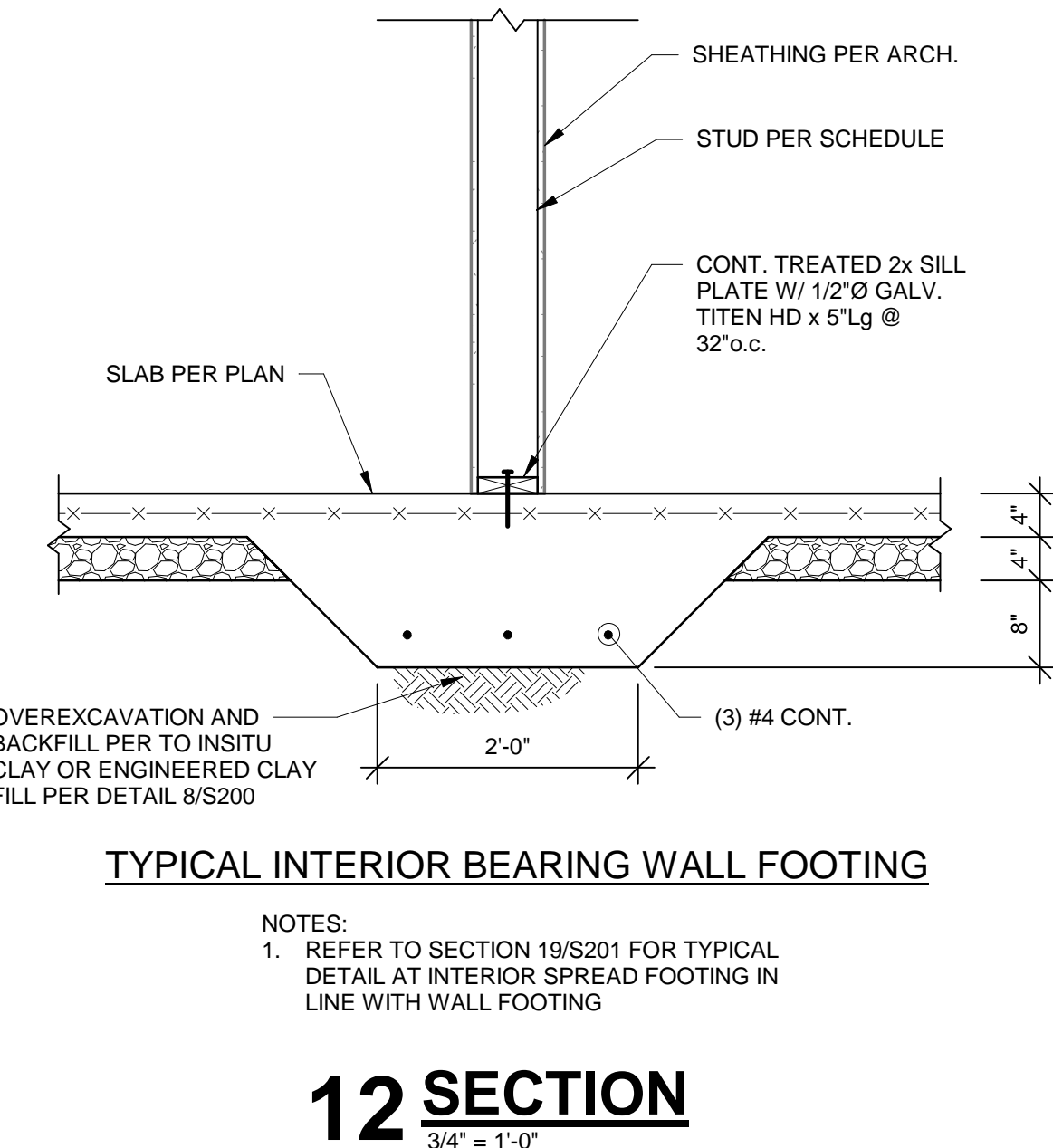
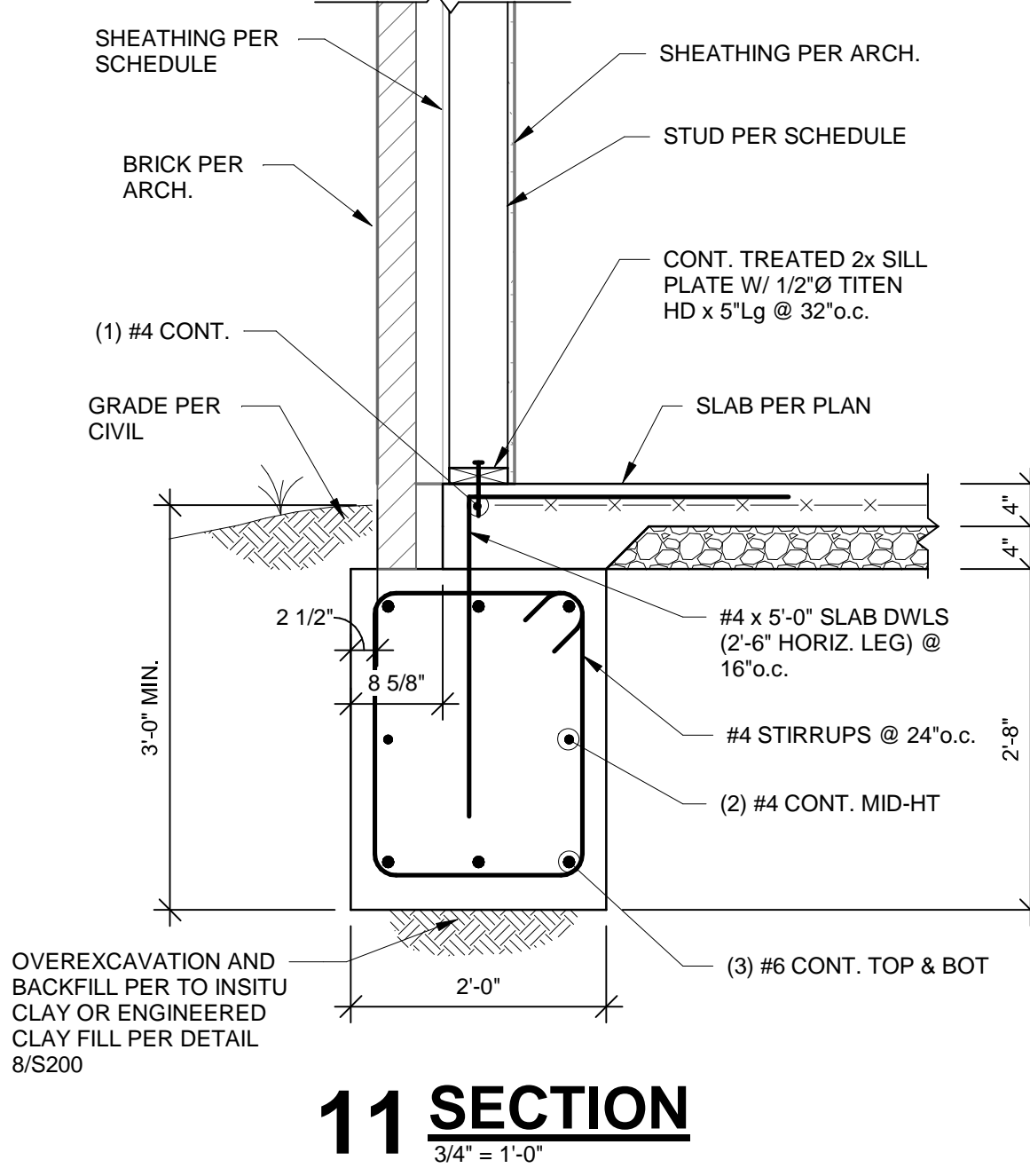
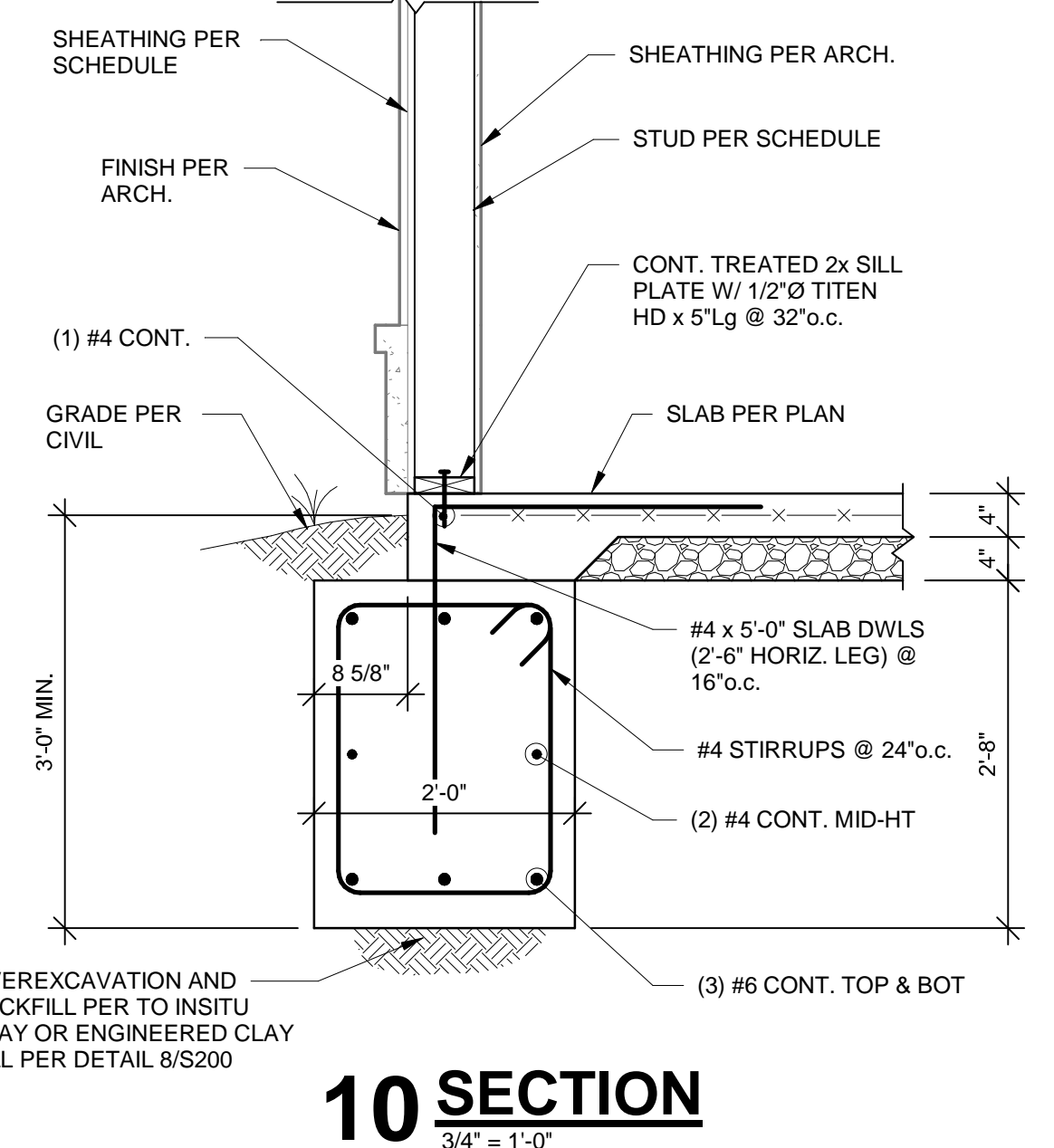
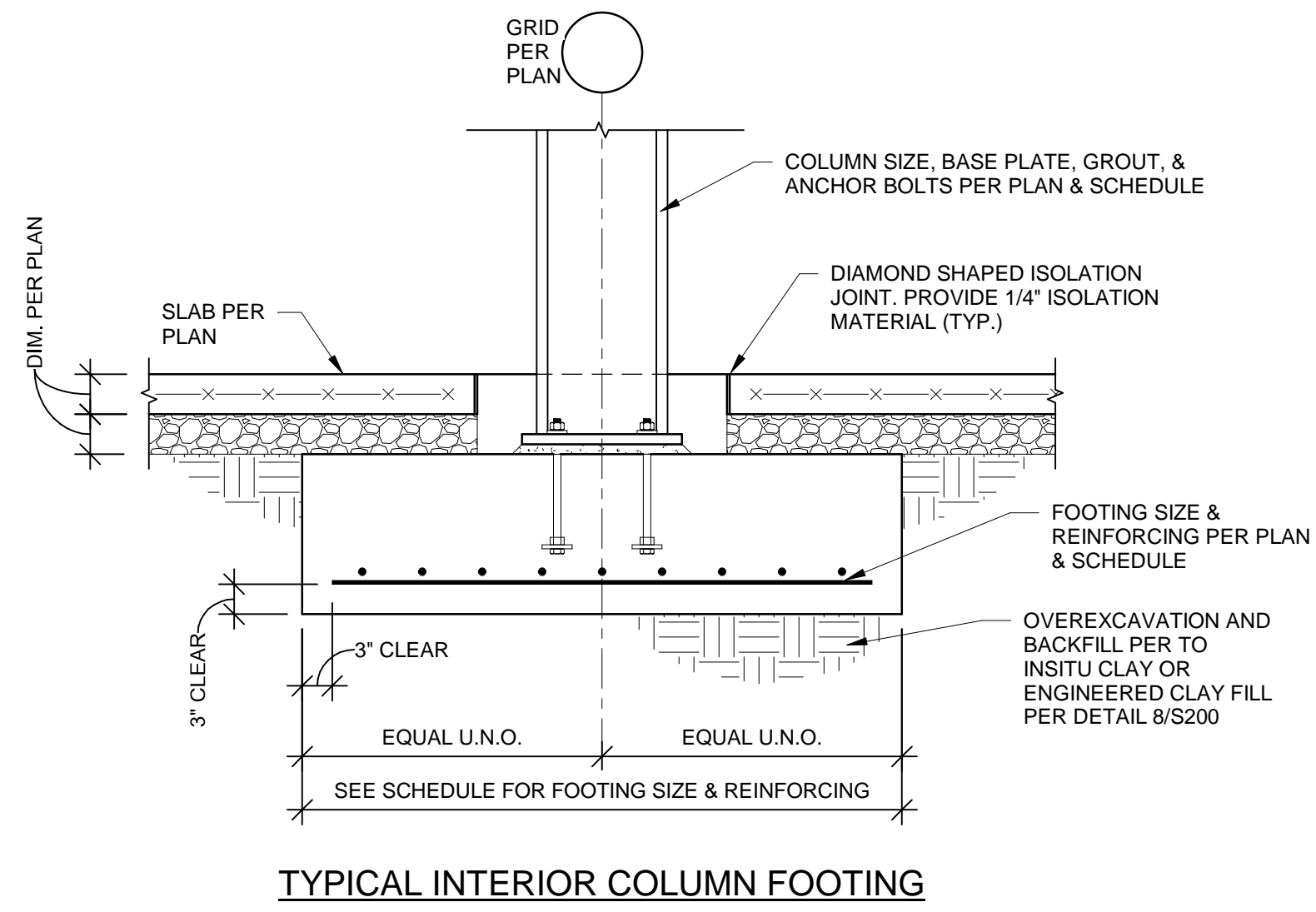
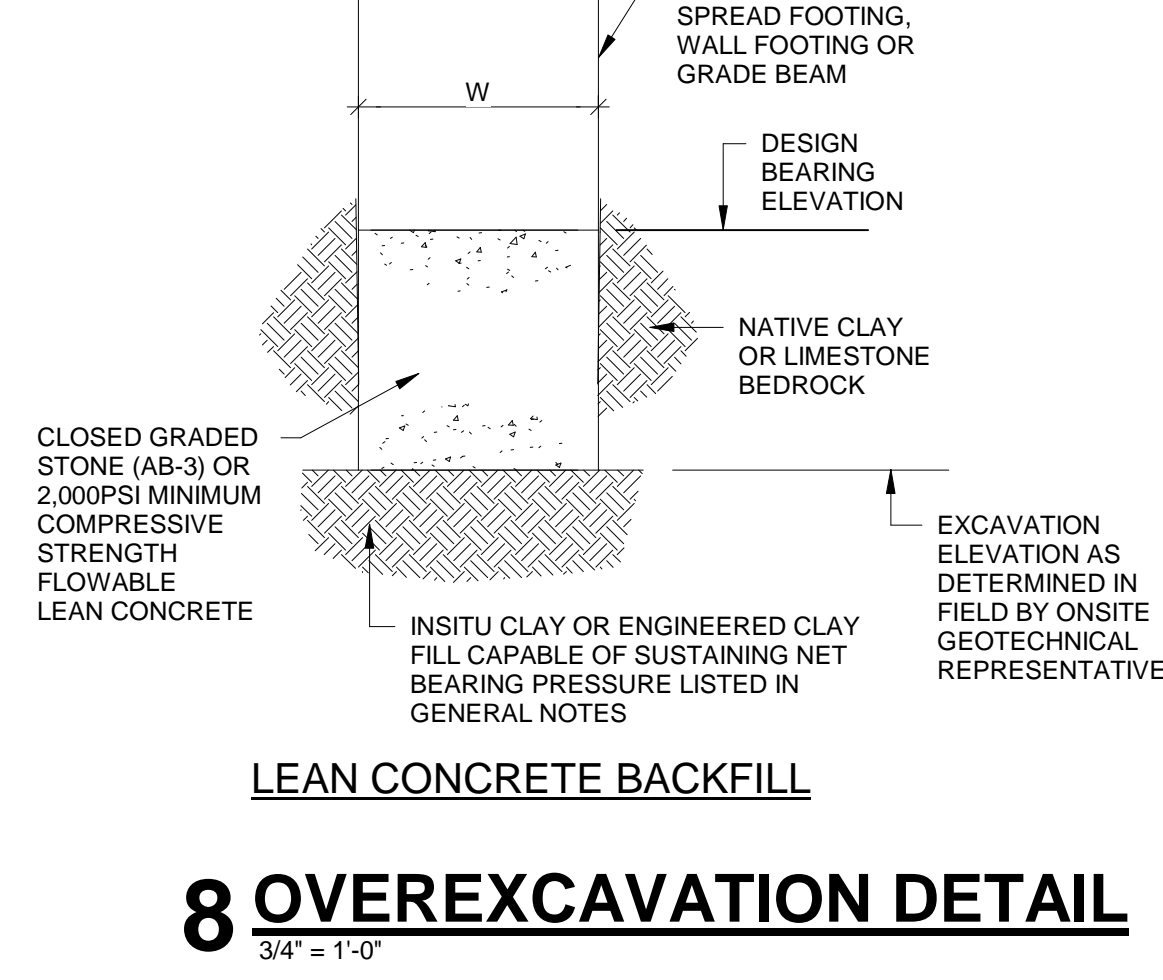
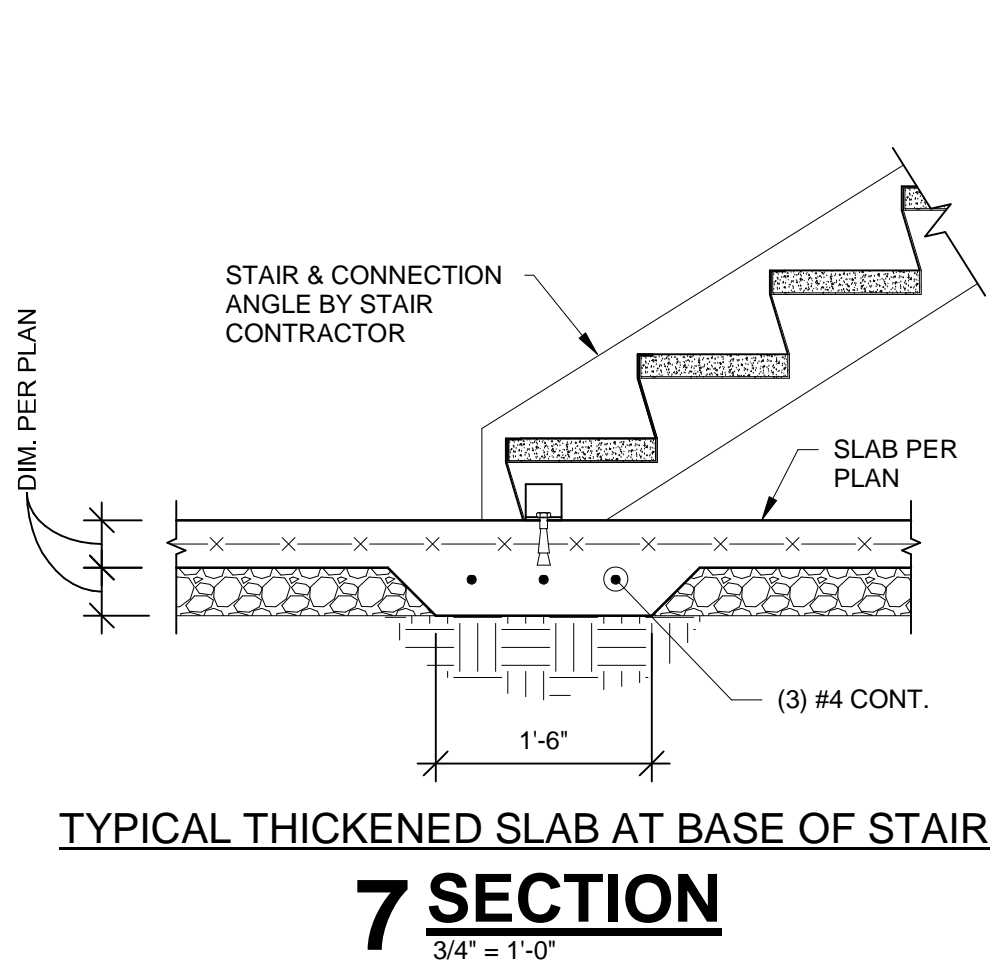
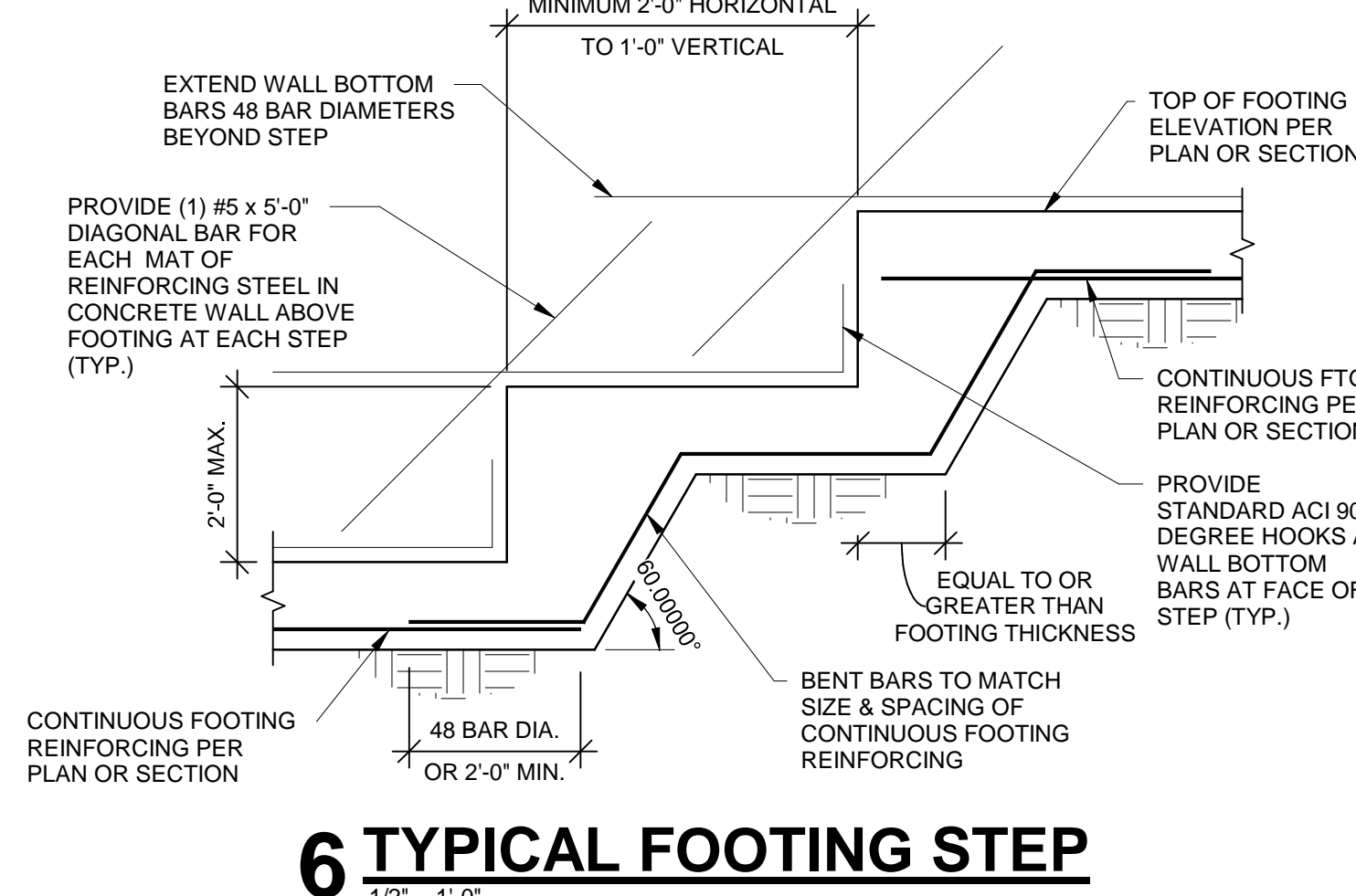
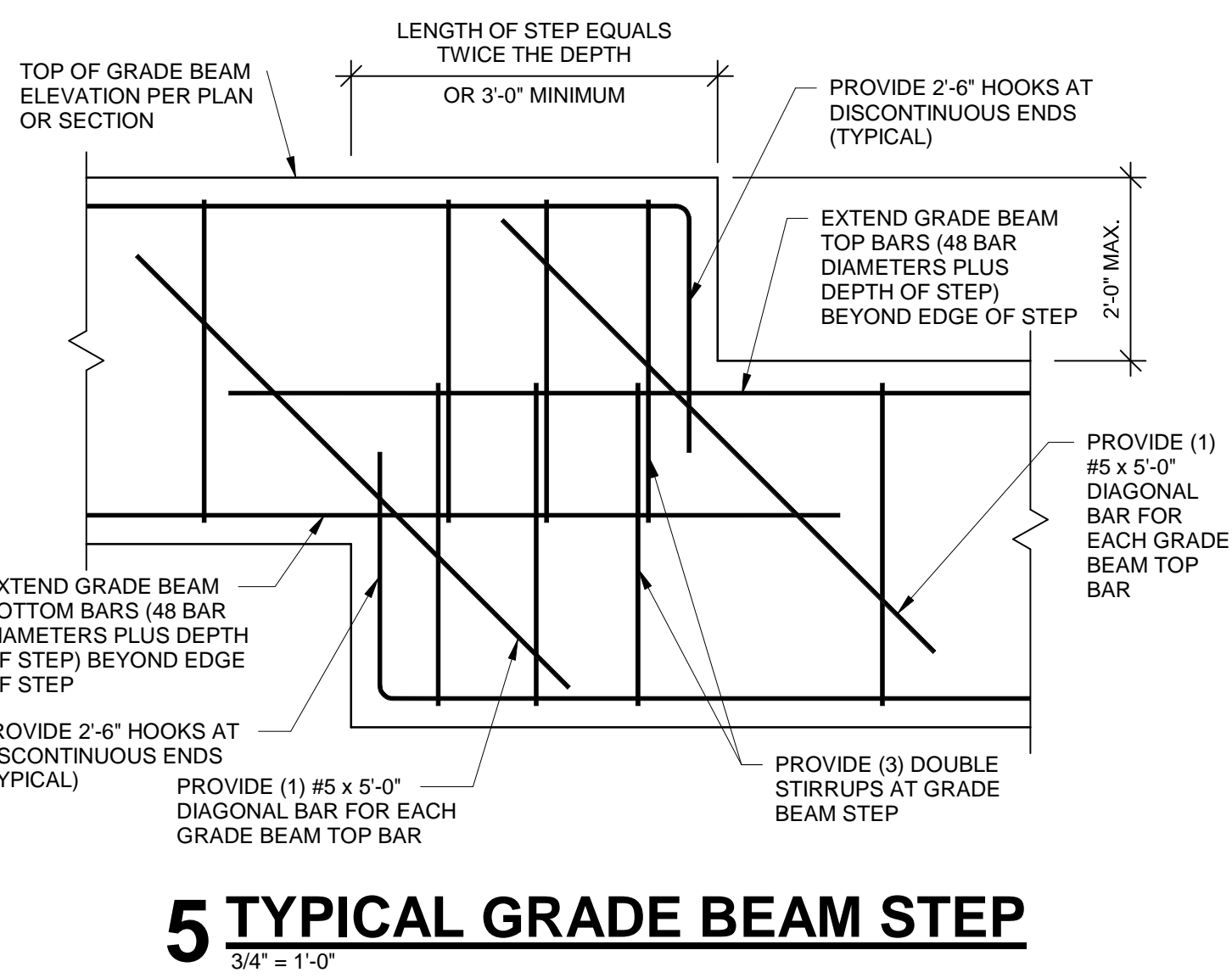
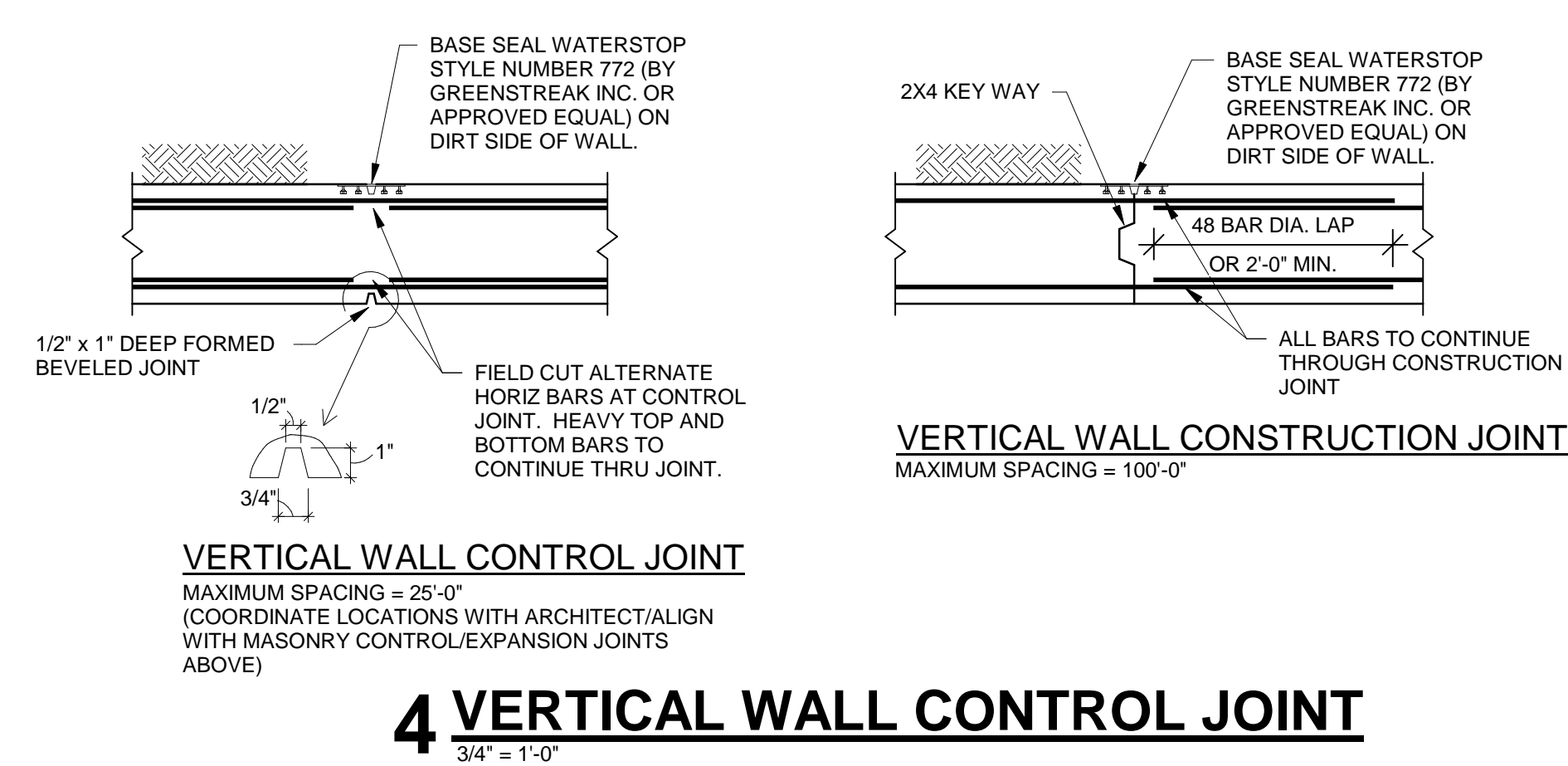
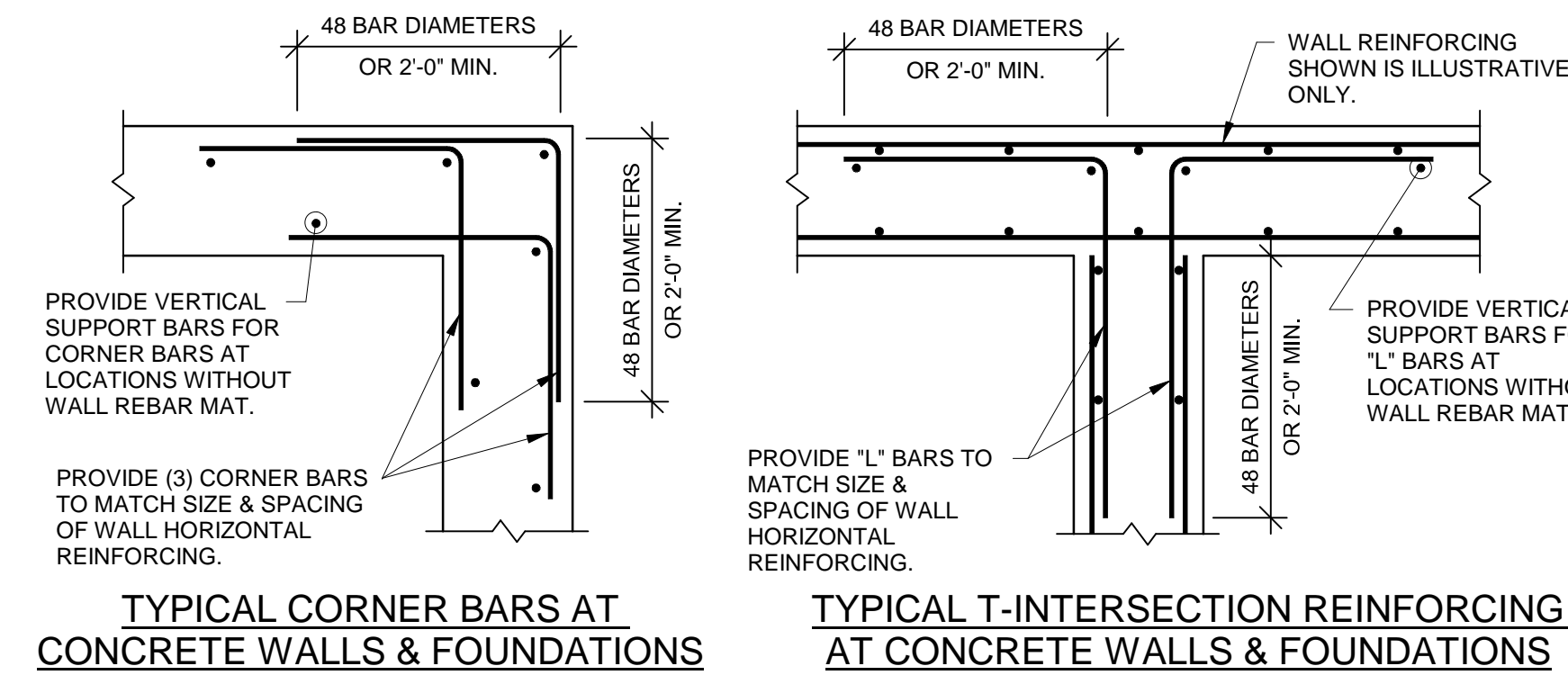
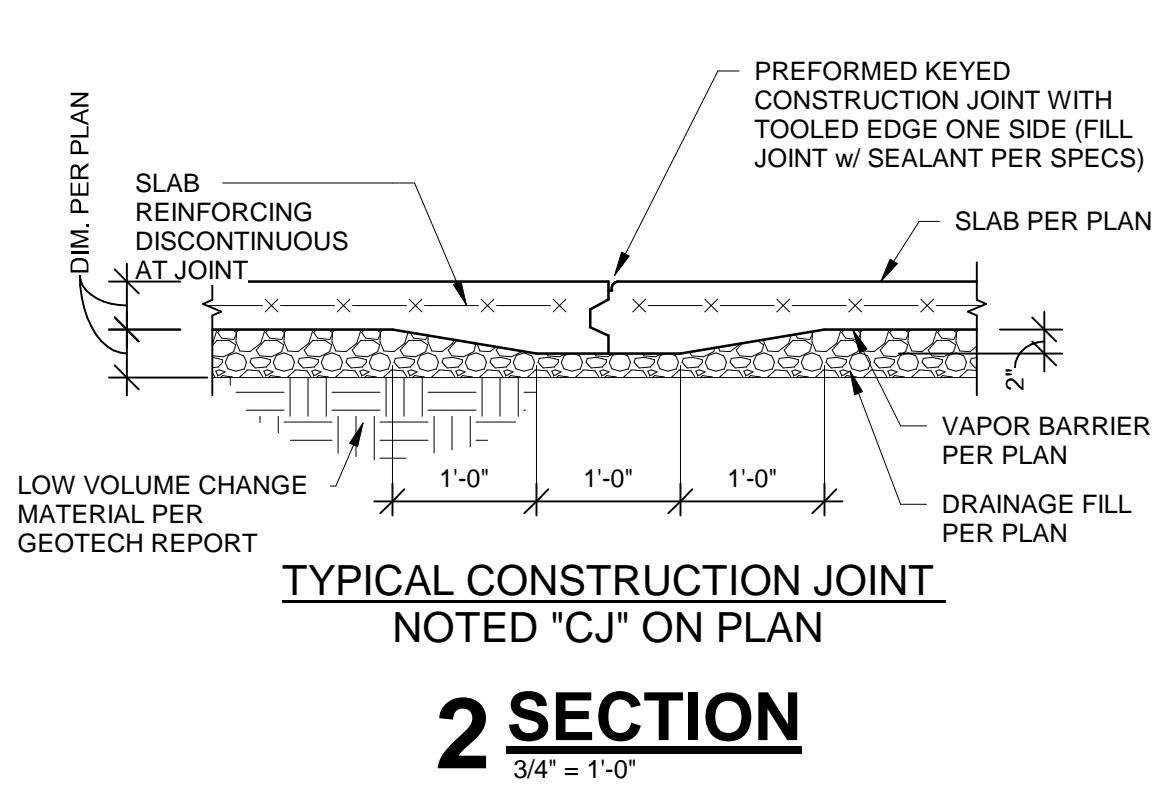
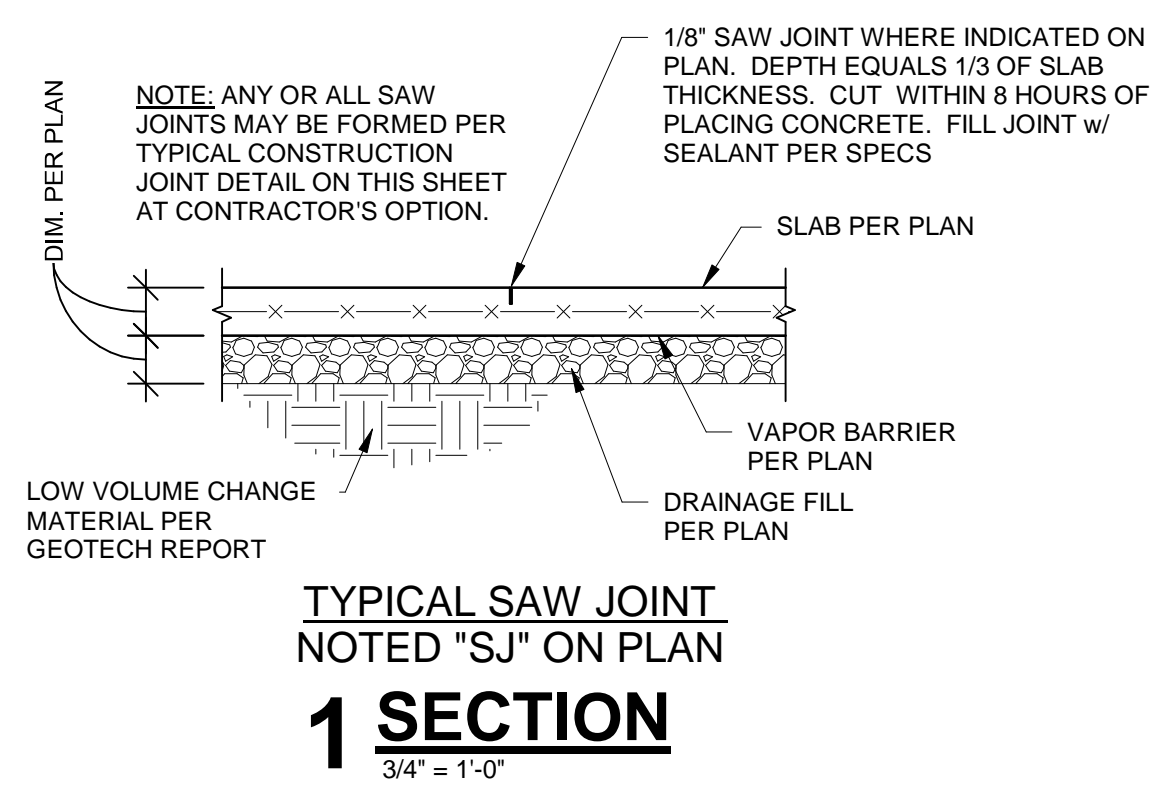
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TR,i PROJECT NO. 20-001

SHEET NO.

S124C

BLDG 2- ROOF FRAMING PLAN - AREA C



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GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

PROJECT:
S200
FOUNDATION SECTIONS

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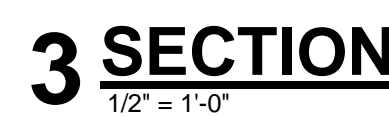
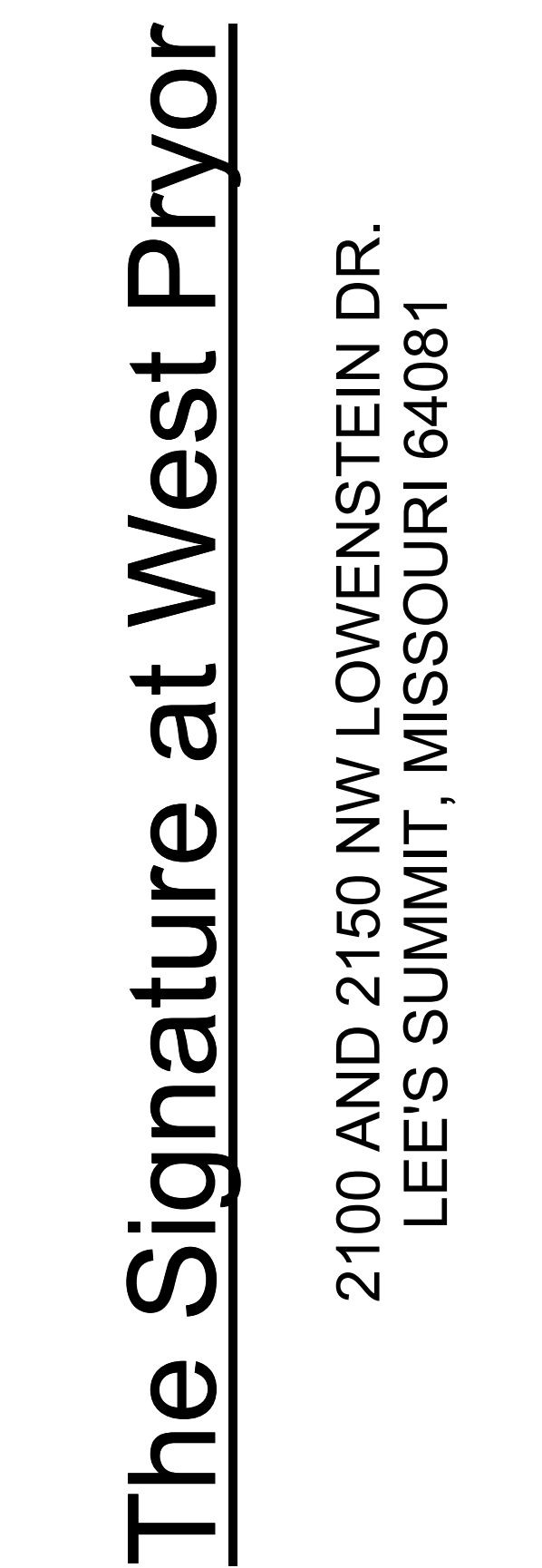
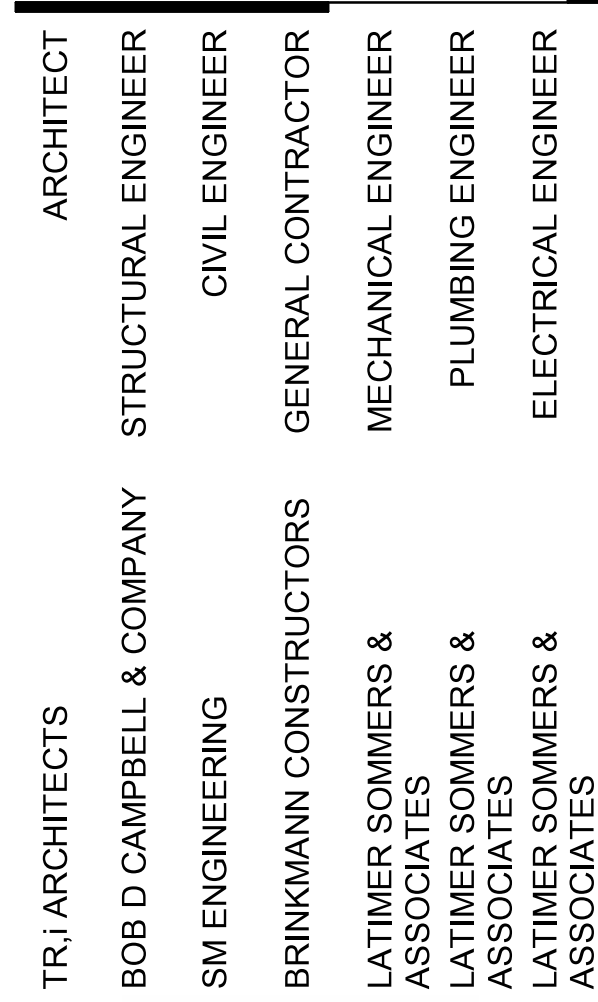
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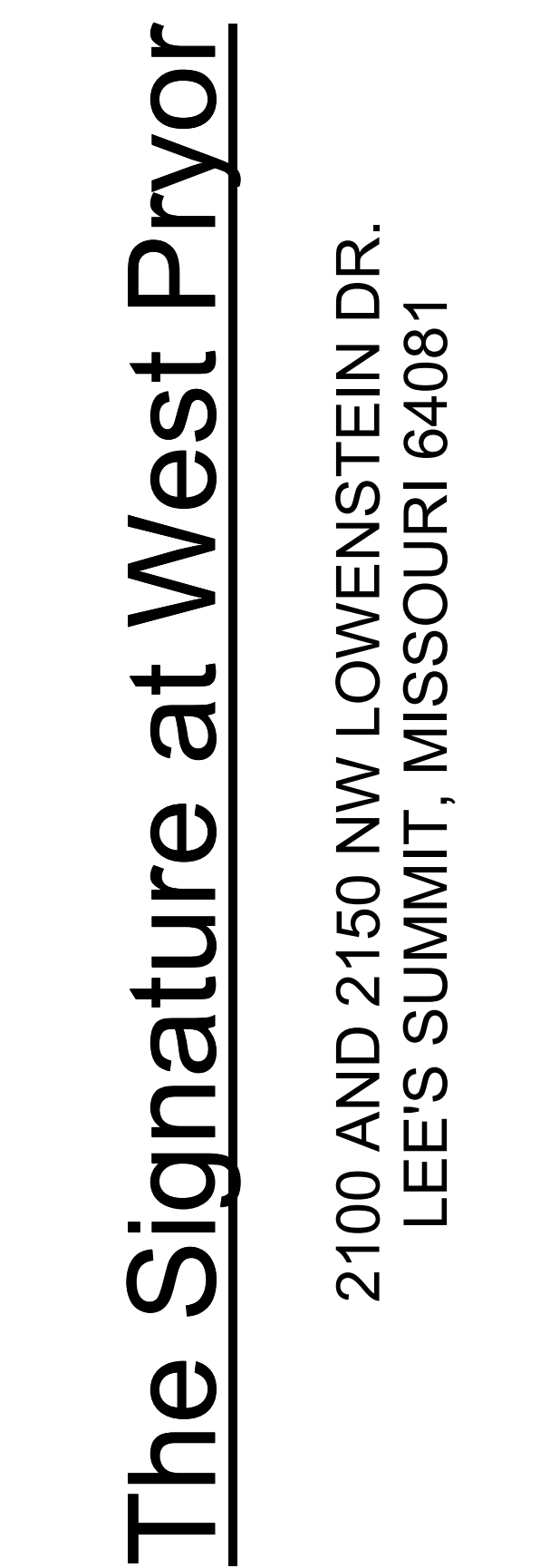
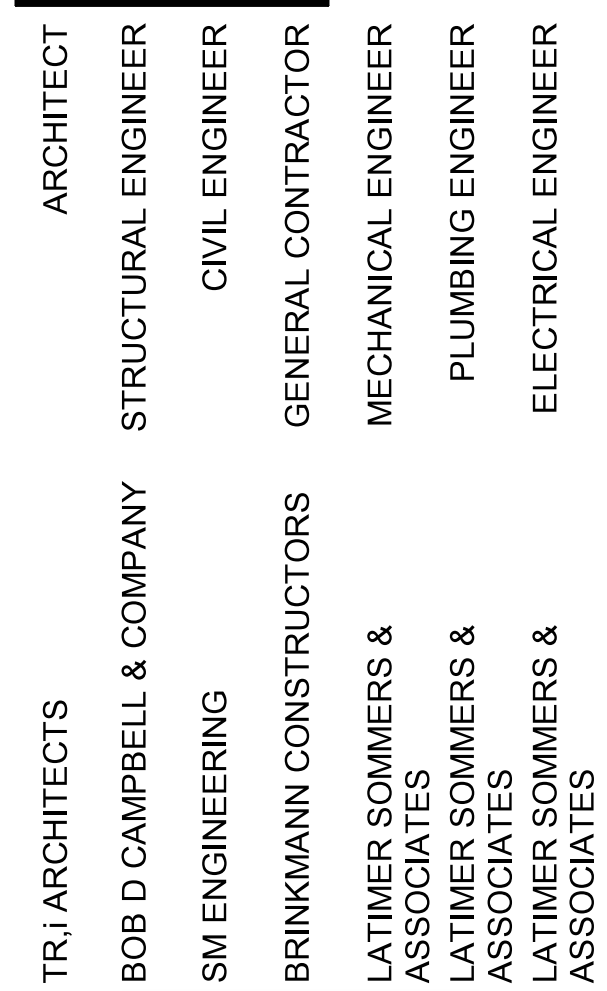
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TR, PROJECT NO.: 20-001

SHEET NO.: S200

FOUNDATION SECTIONS

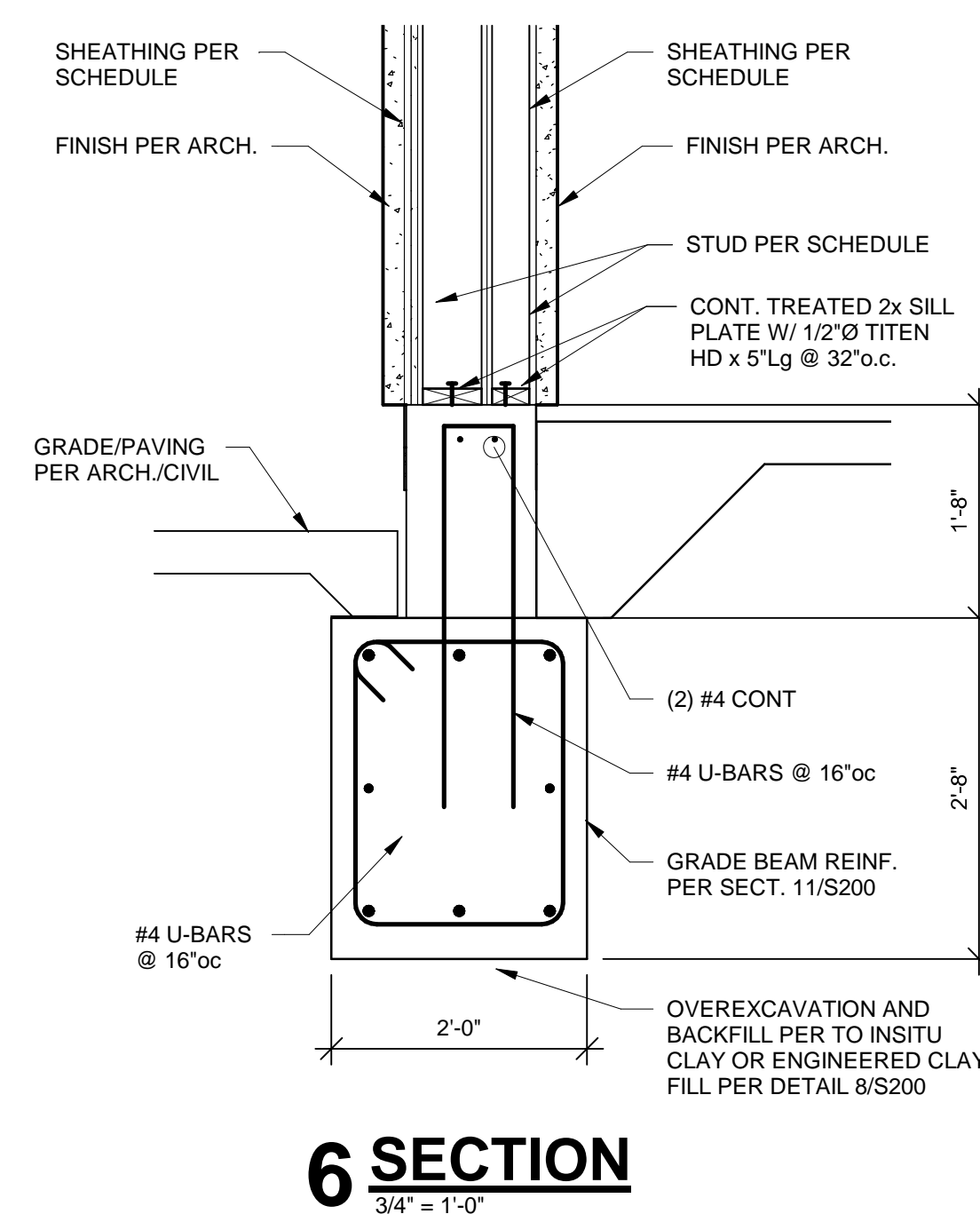


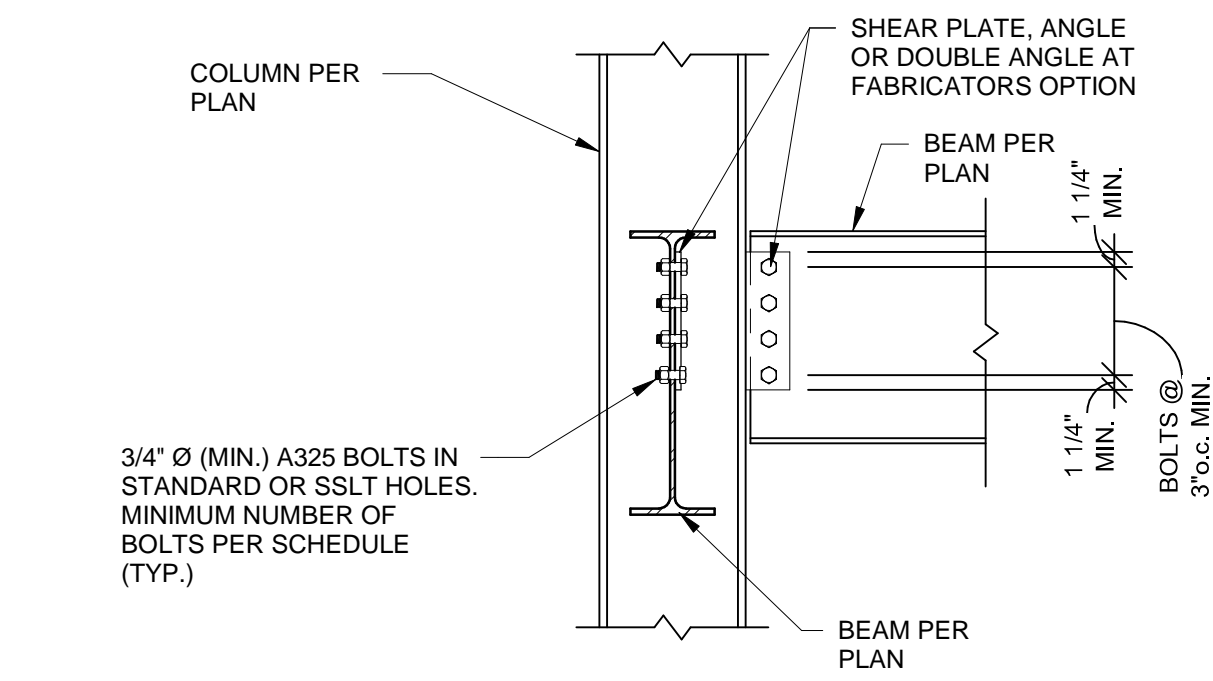


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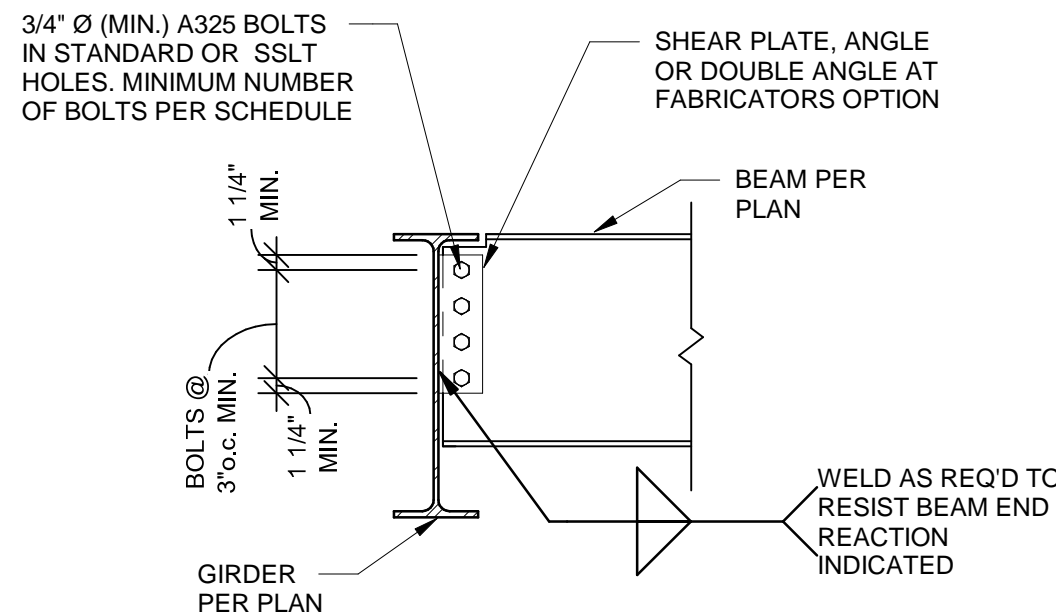




TYPICAL BEAM TO COLUMN SHEAR CONNECTION

1 DETAIL

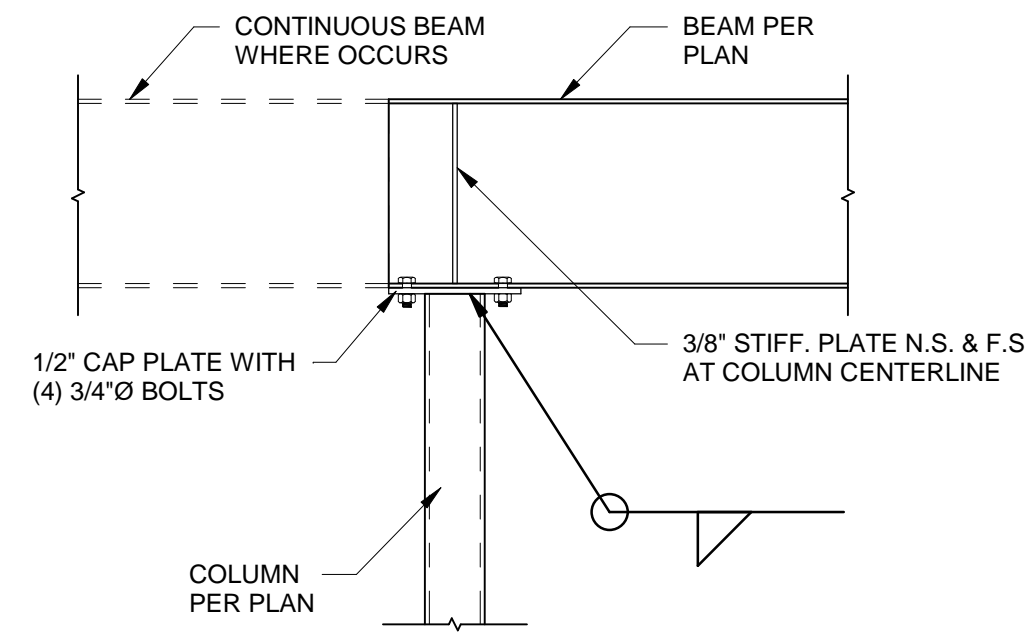
3/4" = 1'-0"



TYPICAL BEAM TO GIRDER CONNECTION

2 DETAIL

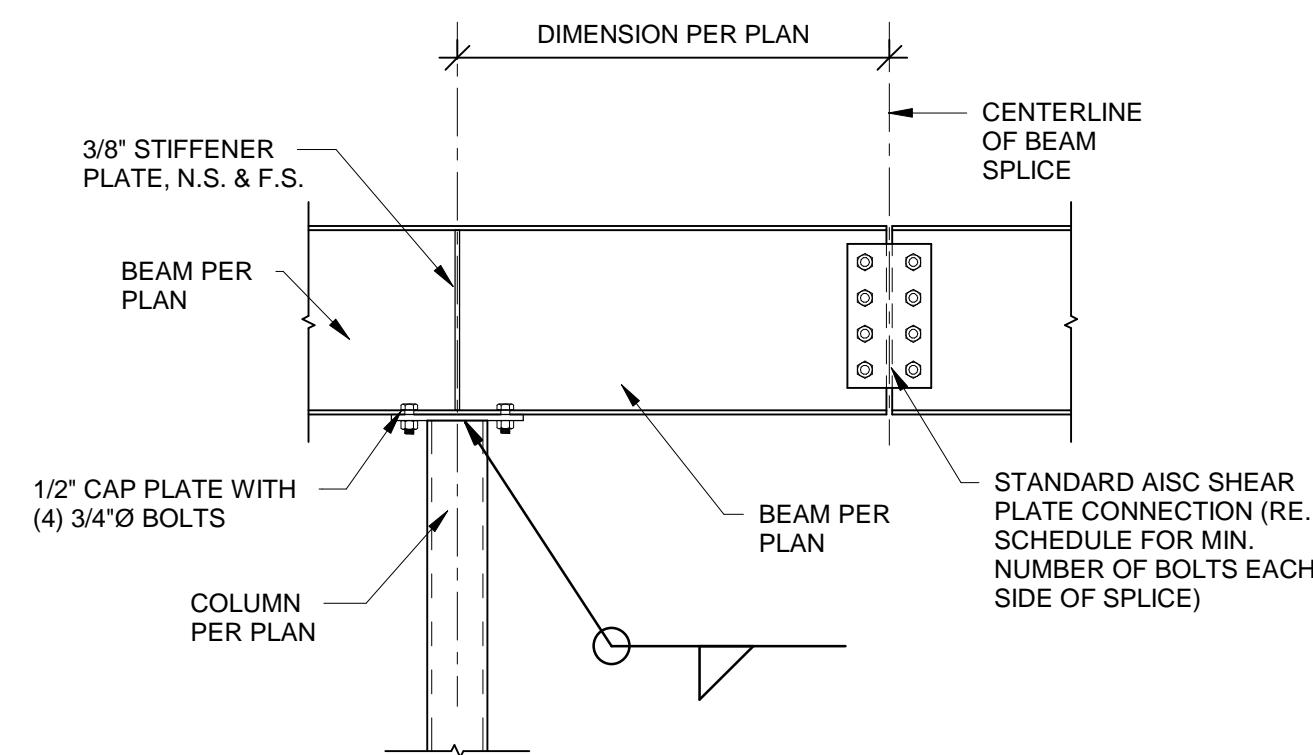
3/4" = 1'-0"



TYPICAL BEAM TO COLUMN CONNECTION

3 DETAIL

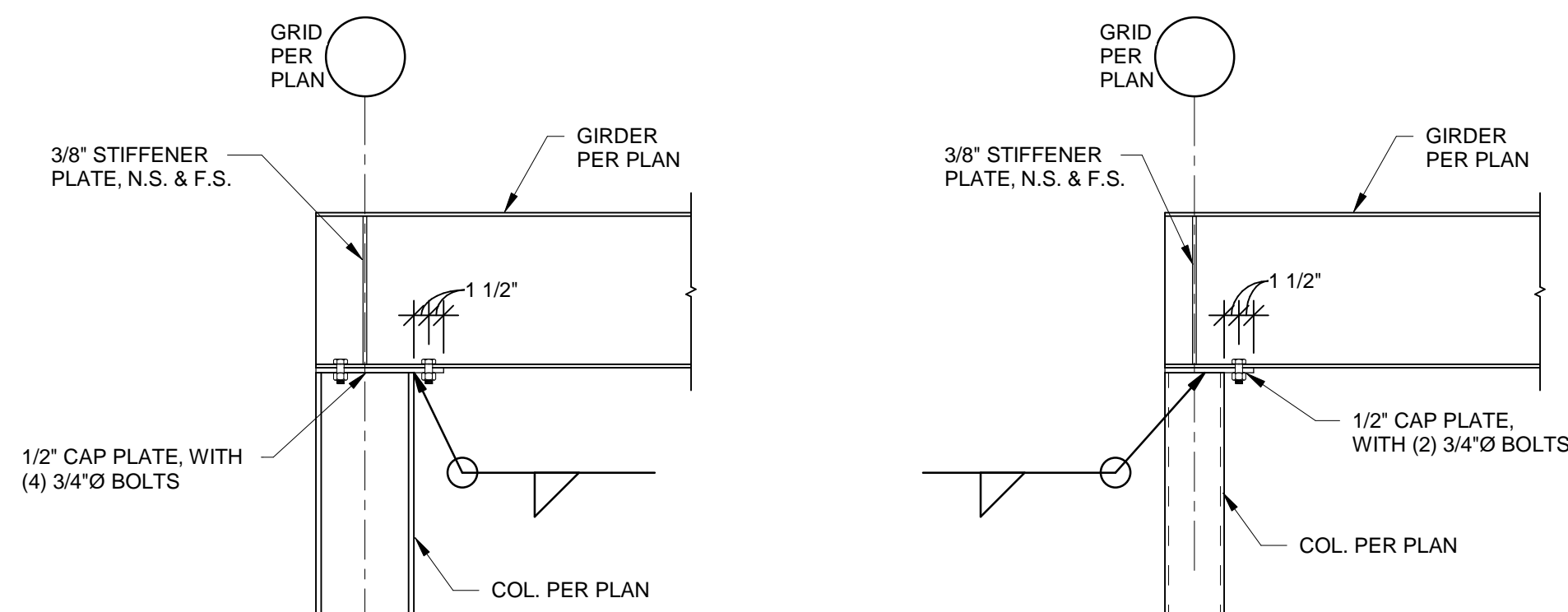
3/4" = 1'-0"



TYPICAL BEAM SPLICE

4 DETAIL

3/4" = 1'-0"



@ WIDE FLANGE COLUMN

@ HSS COLUMN

TYPICAL ROOF BEAM TO COLUMN CONNECTION AT EXTERIOR WALL

5 SECTION

3/4" = 1'-0"

SHEAR CONNECTION MINIMUM ROWS OF BOLTS SCHEDULE	
BEAM SIZE	MINIMUM ROWS OF BOLTS
W8,C8	2
W10,C10	2
W12,C12	2
W14	3
W16, C15	3
W18	4
W21	5
W24	5
W27	6
W30	7
W33	8
W36	8

- SCHEDULE NOTES:
- ALL BOLTS SHALL BE 3/4" Ø ASTM A325 MINIMUM.
 - ALL BOLTS SHALL BE SPACED AT 3"o.c. MINIMUM.
 - ALL BOLTS SHALL HAVE HEAVY HEX NUTS.
 - ALL BOLTS SHALL BE FULLY PRE-TENSIONED.
 - CLIP ANGLES MAY BE SHOP WELDED TO BEAM WEB PER AISC.
 - FOR BEAMS WITH AXIAL LOADS PER DRAWINGS, BOLTS AND CONNECTIONS SHALL BE SLIP-CRITICAL PER AISC GUIDELINES. INCREASE NUMBER OF BOLTS AND/OR PROVIDE EXTENDED SHEAR PLATE CONNECTION w/ AN ADDITIONAL COLUMN OF BOLTS TO ACCOMMODATE COMBINED FORCES.
 - PROVIDE ASTM A490 BOLTS IF REQUIRED TO MEET END REACTION LOAD REQUIREMENTS

- STEEL CONNECTION NOTES:
- CONNECTIONS SHOWN IN THESE DETAILS ARE MINIMUM REQUIREMENTS.
 - FABRICATOR SHALL BE RESPONSIBLE FOR THE DESIGNING AND DETAILING OF EACH CONNECTION FOR LOADS SHOWN ON THE DRAWINGS IN ACCORDANCE WITH THE SPECIFICATIONS AND THE STRUCTURAL GENERAL NOTES.
 - SUGGESTED CONNECTION DETAILS ARE SHOWN.
 - FABRICATOR MAY OPT TO USE OTHER AISC APPROVED CONNECTIONS IN LIEU OF THOSE SHOWN HEREIN.
 - CONNECTION DETAILING SHALL COMPLY WITH THE STANDARD DETAILS SHOWN IN THE LATEST EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION.
 - BOLT SPACING AND EDGE DISTANCES SHALL BE ADJUSTED PER AISC MANUAL FOR BOLTS LARGER THAN 3/4" DIAMETER.

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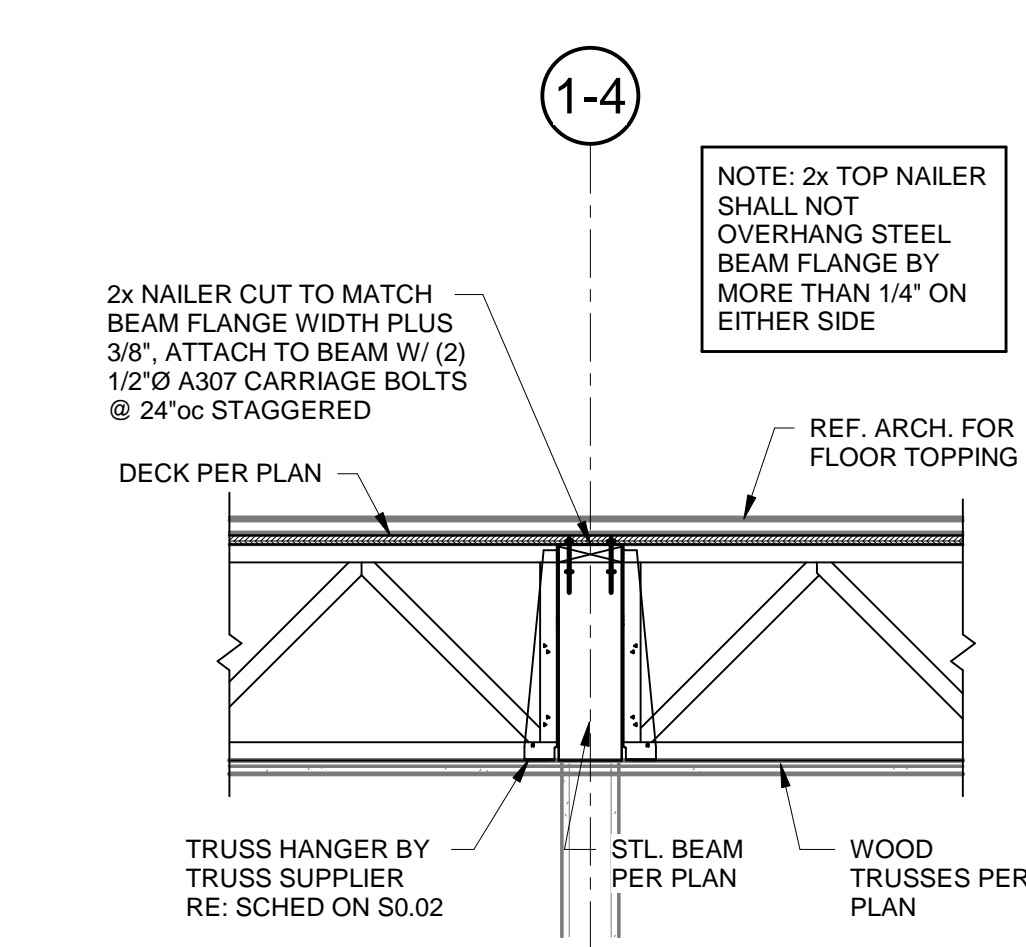
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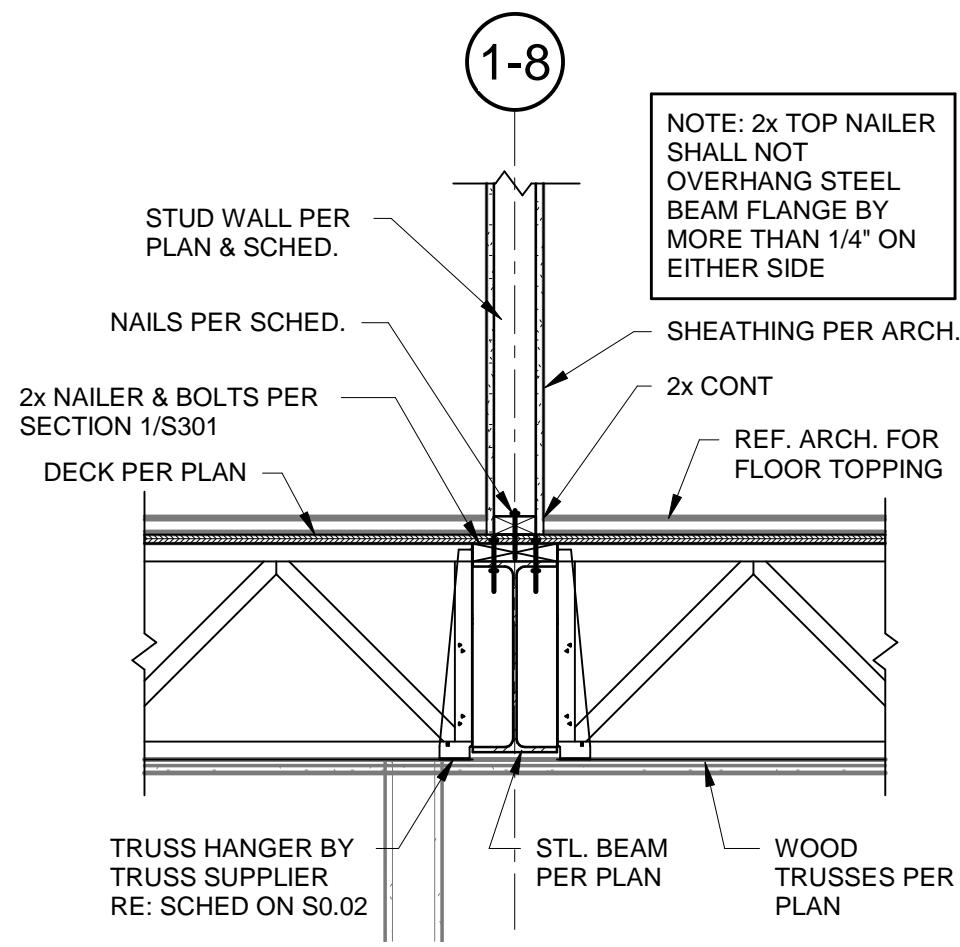
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S300

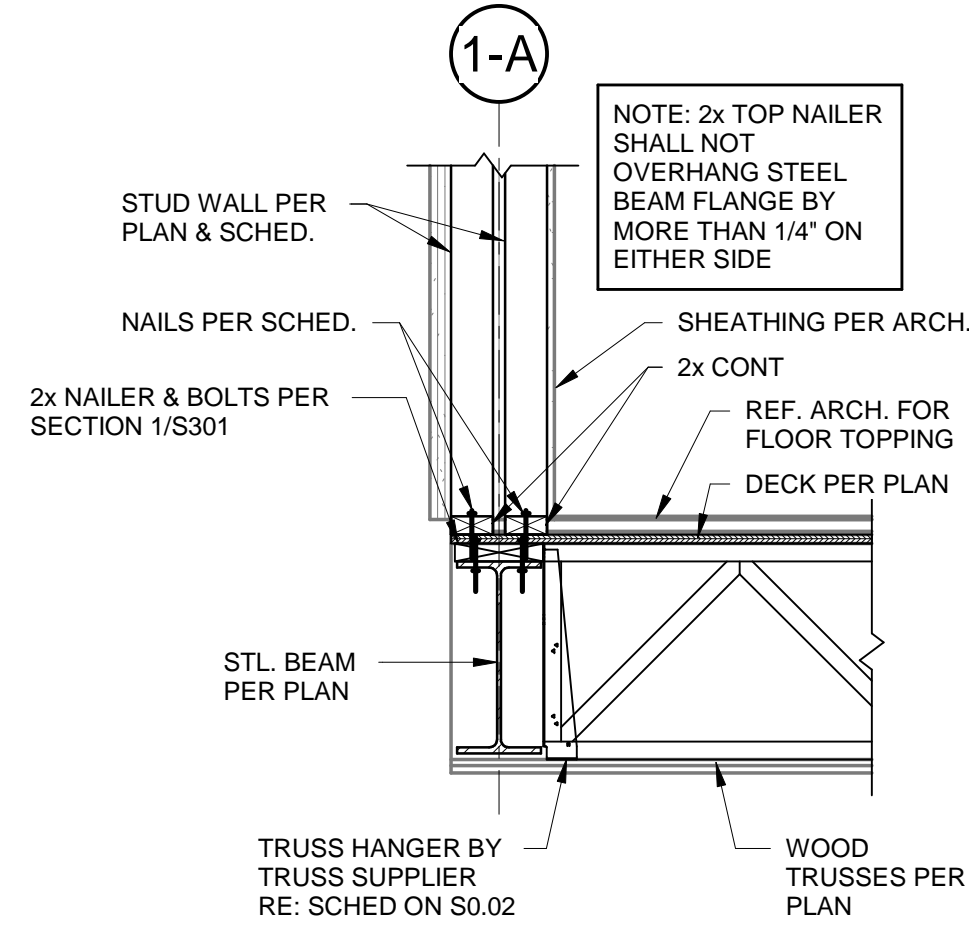
STEEL FRAMING SECTIONS



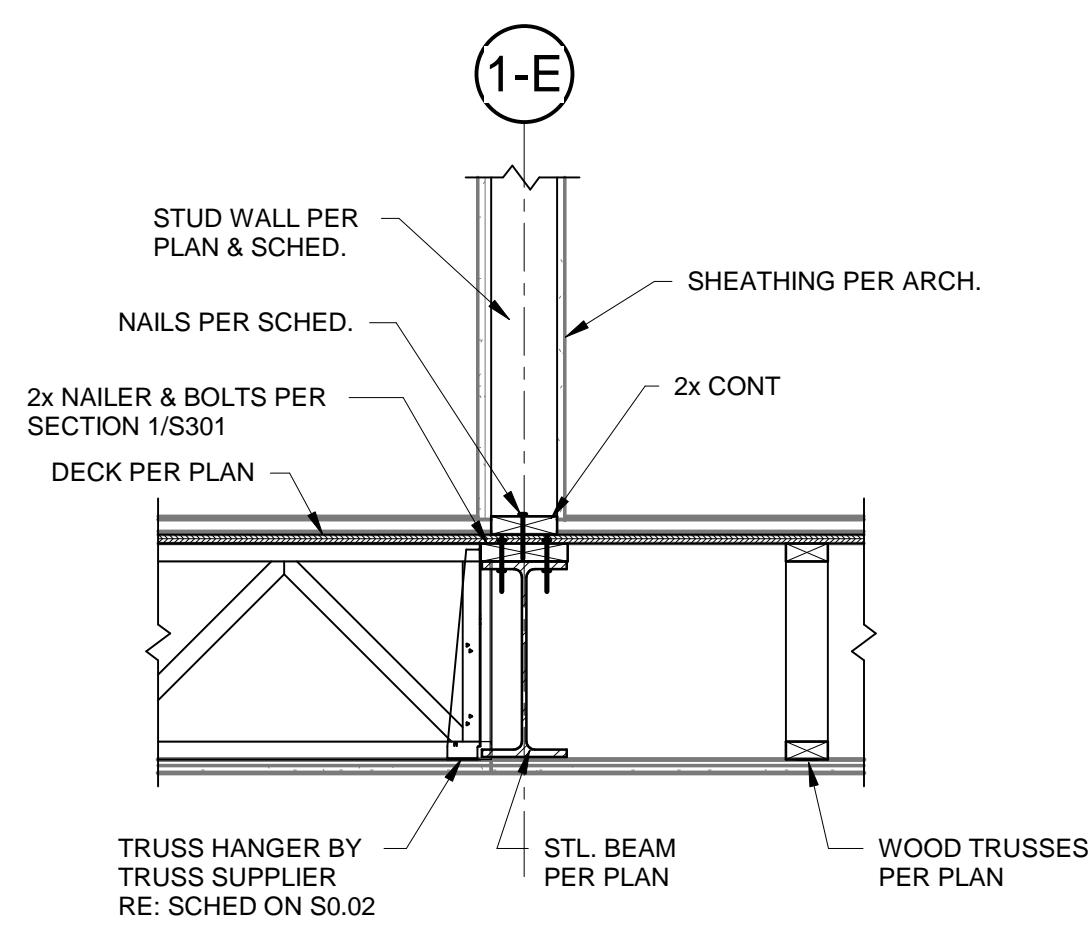
1 SECTION
3/4" = 1'-0"



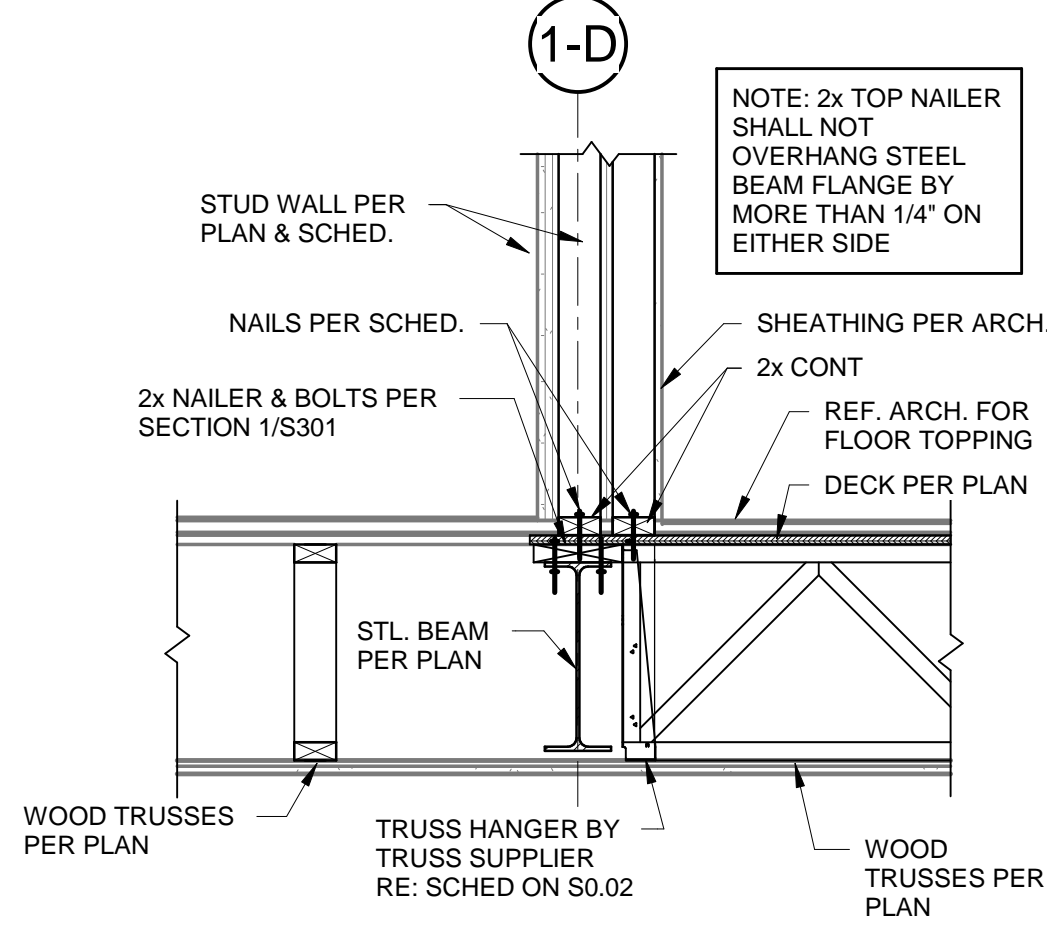
2 SECTION
3/4" = 1'-0"



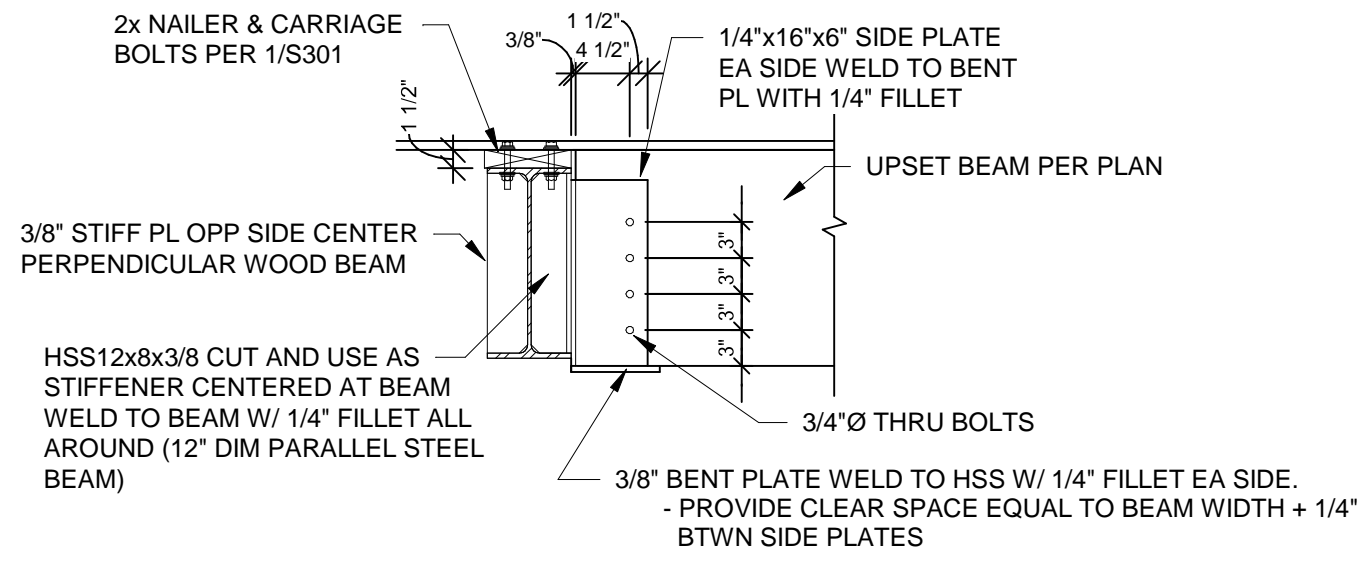
3 SECTION
3/4" = 1'-0"



4 SECTION
3/4" = 1'-0"



5 SECTION
3/4" = 1'-0"



6 SECTION
3/4" = 1'-0"

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DATE: 7.15.2021

REVISIONS

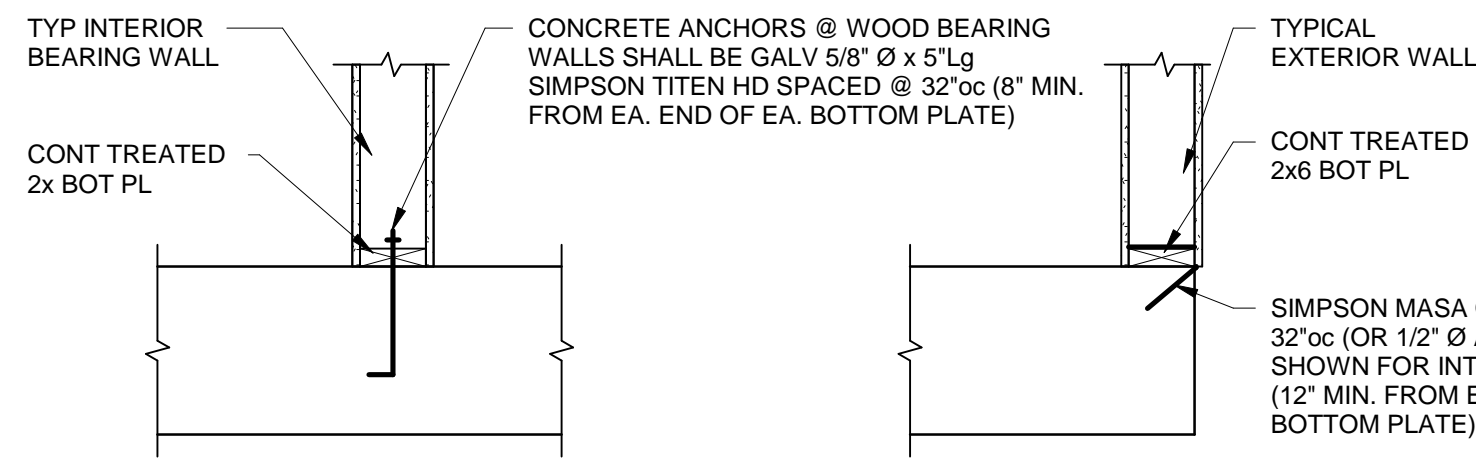
DWG BY CB

TR,I PROJECT NO. 20-001

SHEET NO.

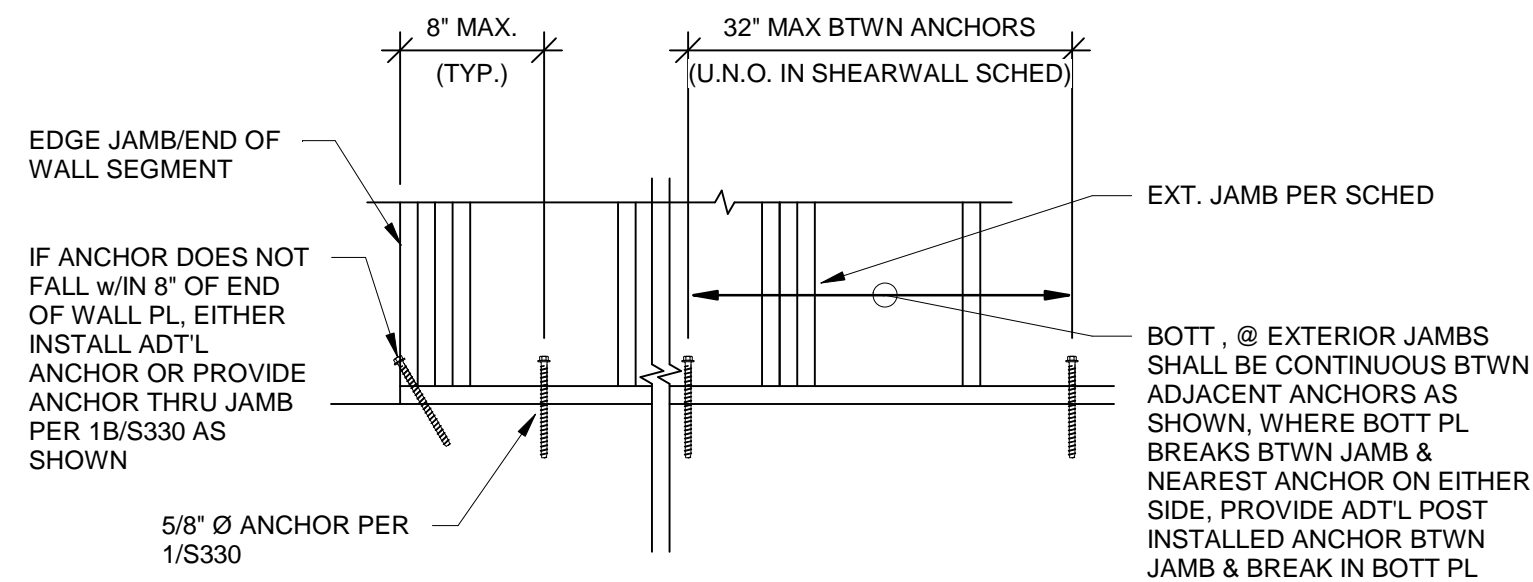
S301

STEEL FRAMING SECTIONS

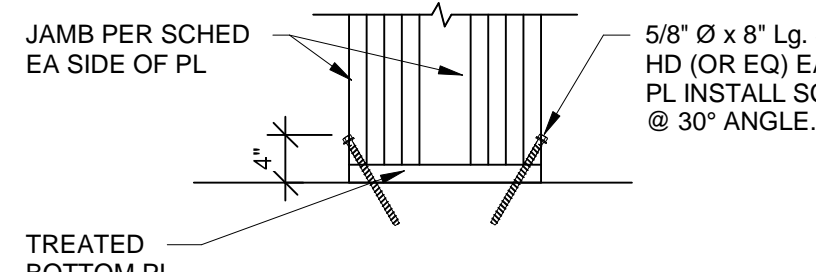


- NOTES:
1. ALL BOT. PL'S TO HAVE TWO ANCHORS MIN.
 2. RE: SHEARWALL SCHED ON S004 FOR ANCHORS @ SHEARWALLS.
 3. RE: 1A/S330 FOR DETAIL AT JAMB.
 4. RE: 1B/S330 FOR DETAIL AT SHORT BOT. PL SEGMENTS/JAMBS (WHERE OCCURS).

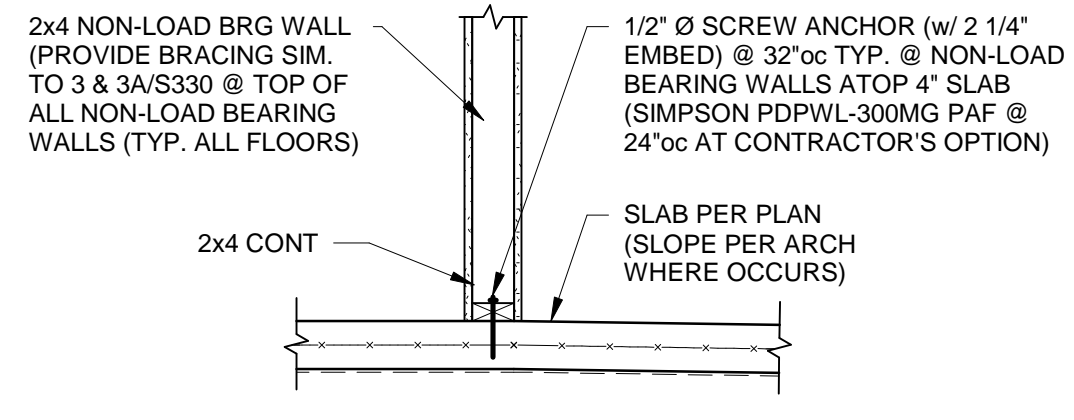
TYPICAL BOT. PL CONNECTION TO CONCRETE



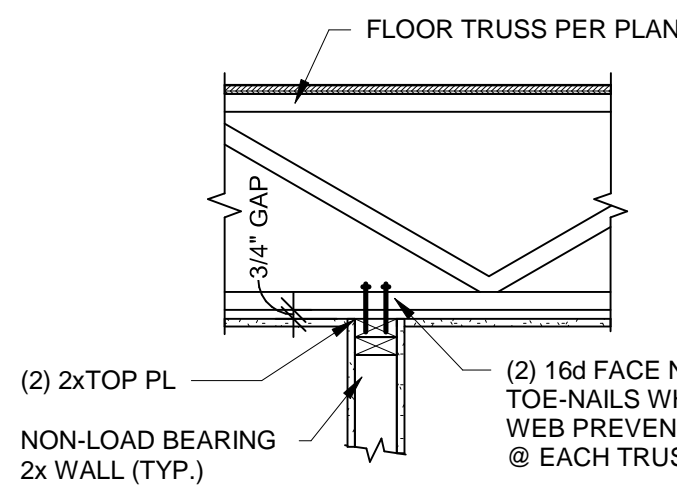
TYPICAL BOT. PL CONNECTION TO CONCRETE AT EXTERIOR JAMBS & ENDS OF WALL



TYPICAL BOT. PL CONNECTION TO CONCRETE AT SHORT PL SEGMENTS & JAMBS



TYPICAL BOT. PL CONNECTION NON-LOAD BEARING WALLS



TYPICAL NON-LOAD BEARING WALL @ FLOOR TRUSS

1 SECTION

3/4" = 1'-0"

1A SECTION

3/4" = 1'-0"

1B SECTION

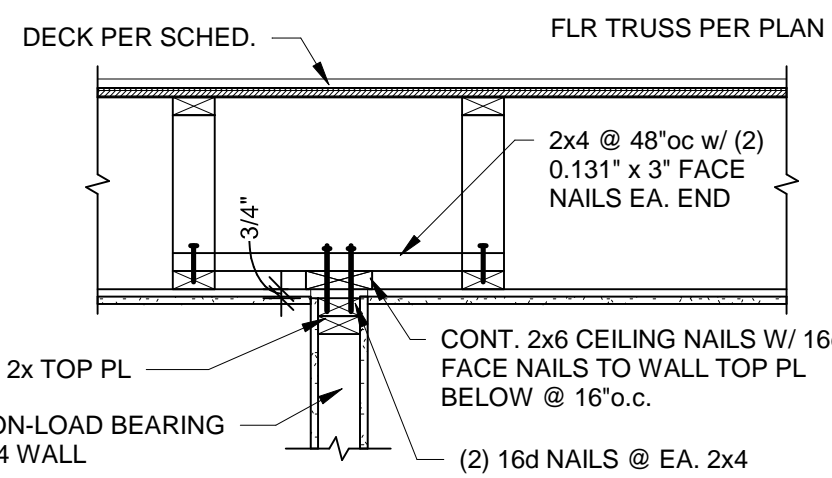
3/4" = 1'-0"

2 SECTION

3/4" = 1'-0"

3 SECTION

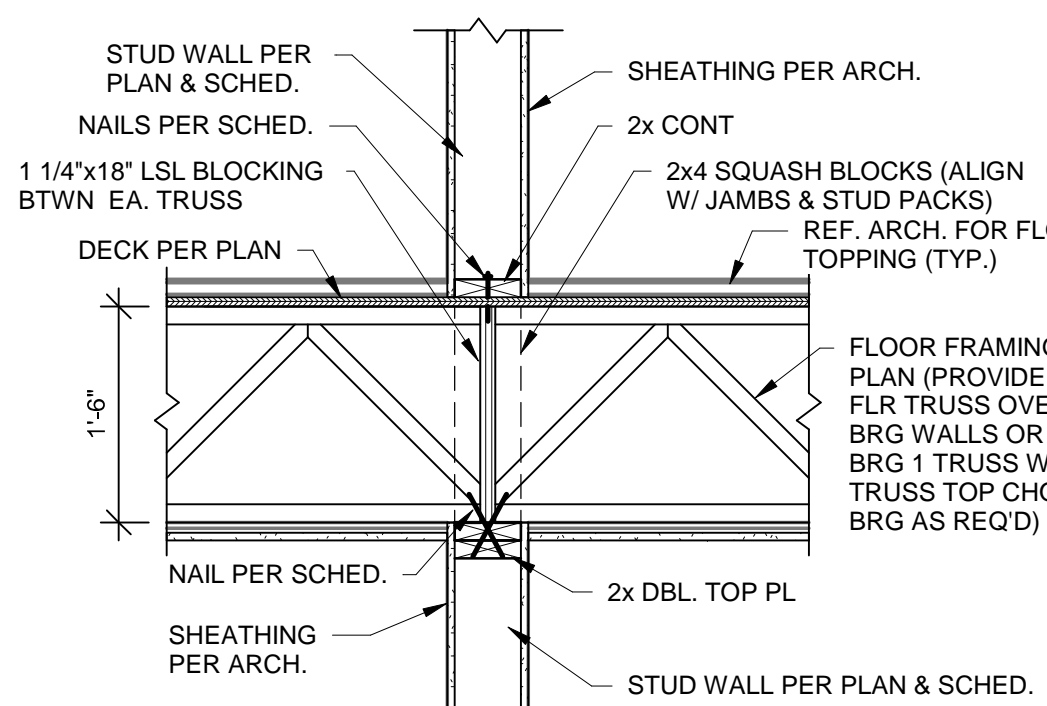
3/4" = 1'-0"



TYPICAL NON-LOAD BEARING WALL @ FLOOR TRUSS

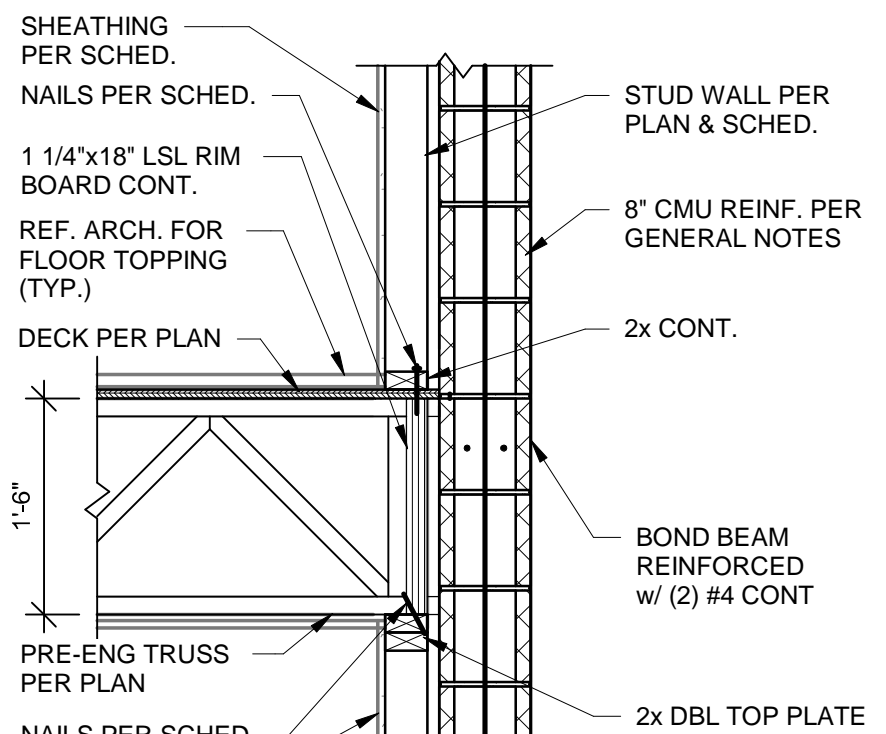
3A SECTION

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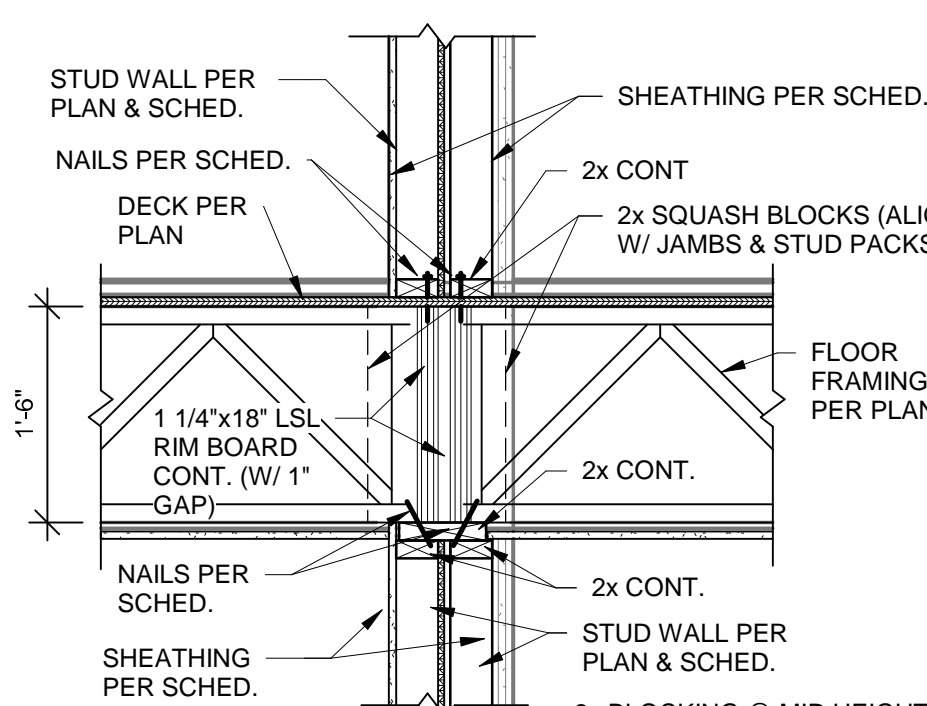
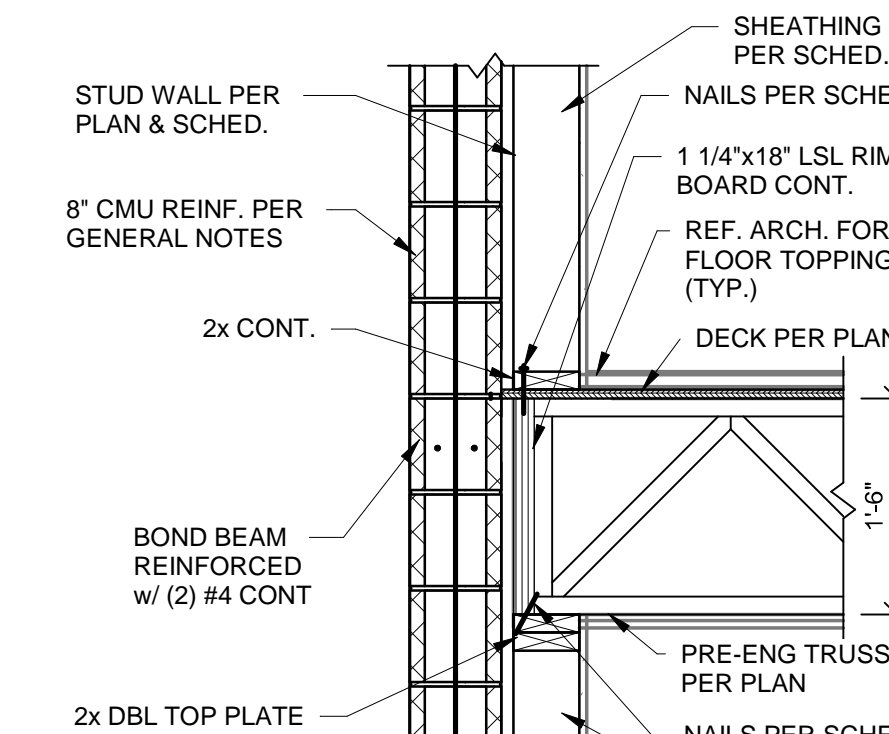
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3/4" = 1'-0"



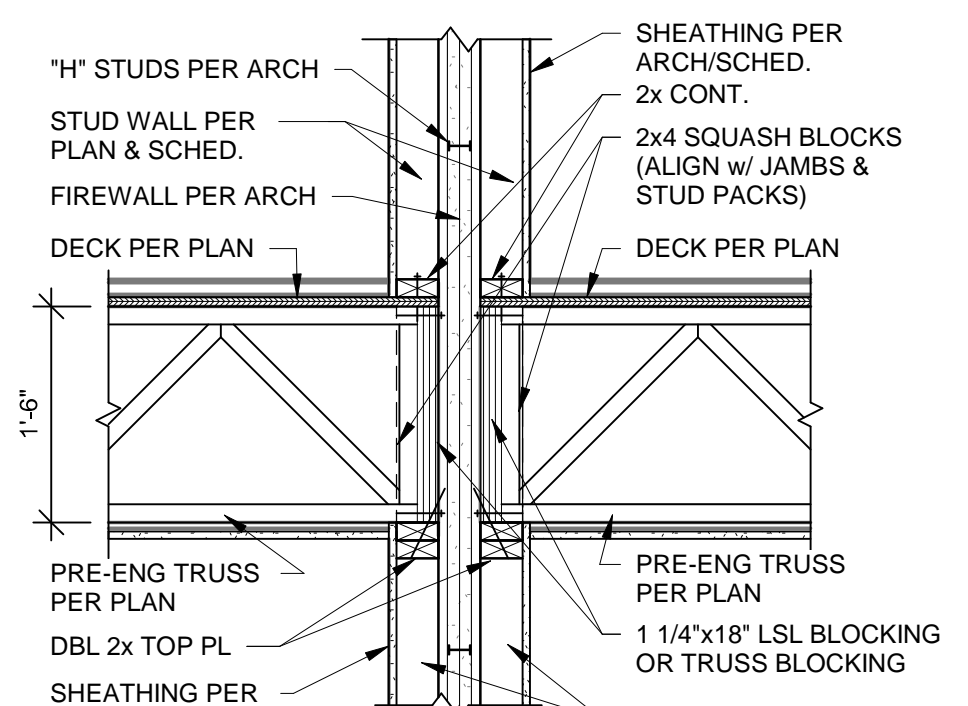
5 SECTION

3/4" = 1'-0"



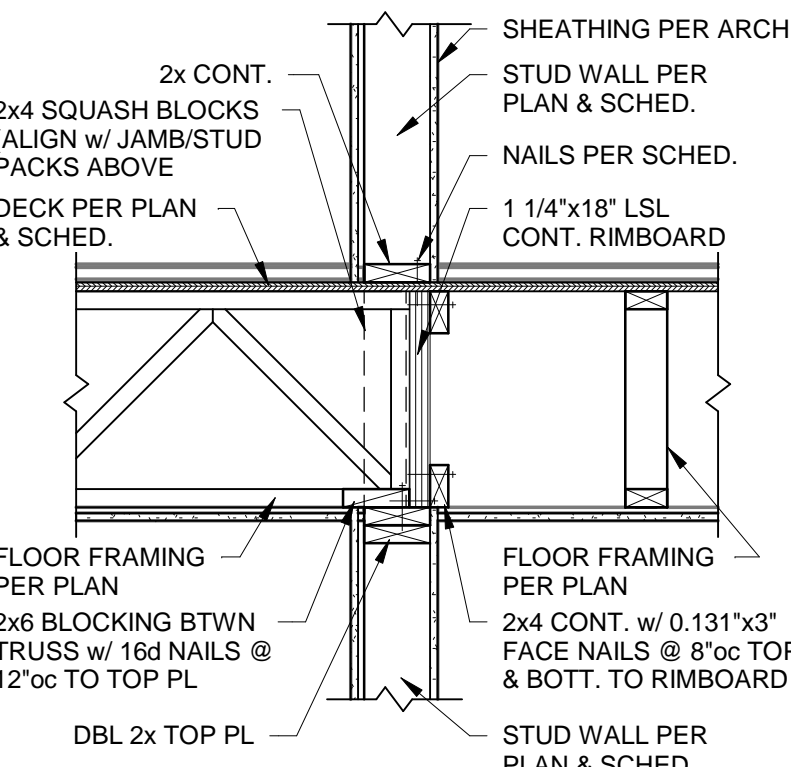
6 SECTION

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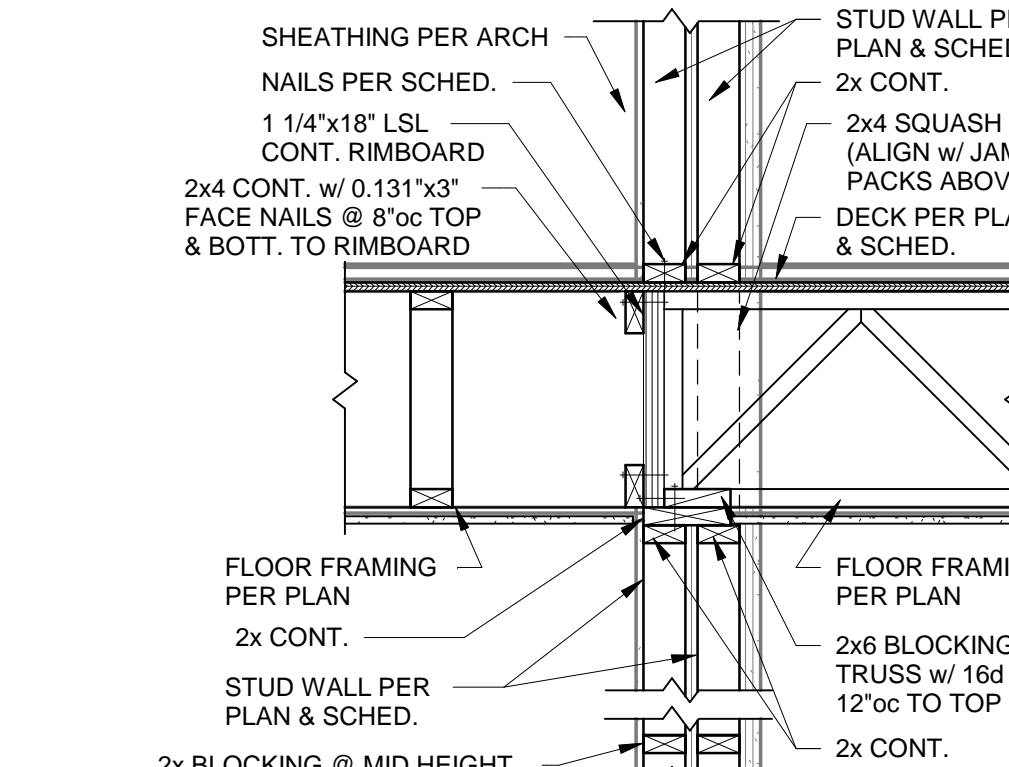
7 SECTION

3/4" = 1'-0"



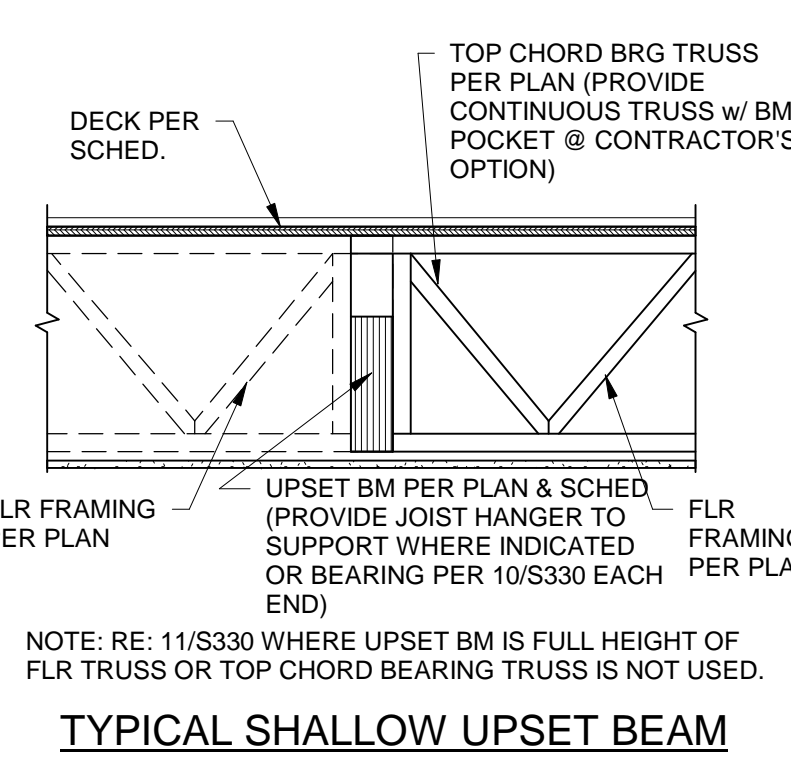
8 SECTION

3/4" = 1'-0"



9 SECTION

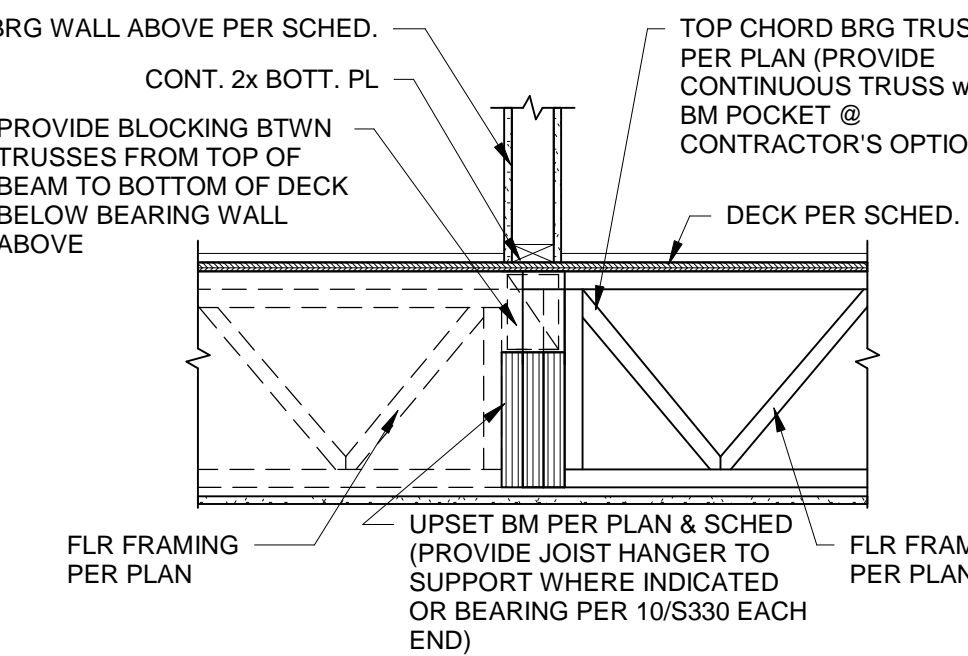
3/4" = 1'-0"



TYPICAL SHALLOW UPSET BEAM

10 SECTION

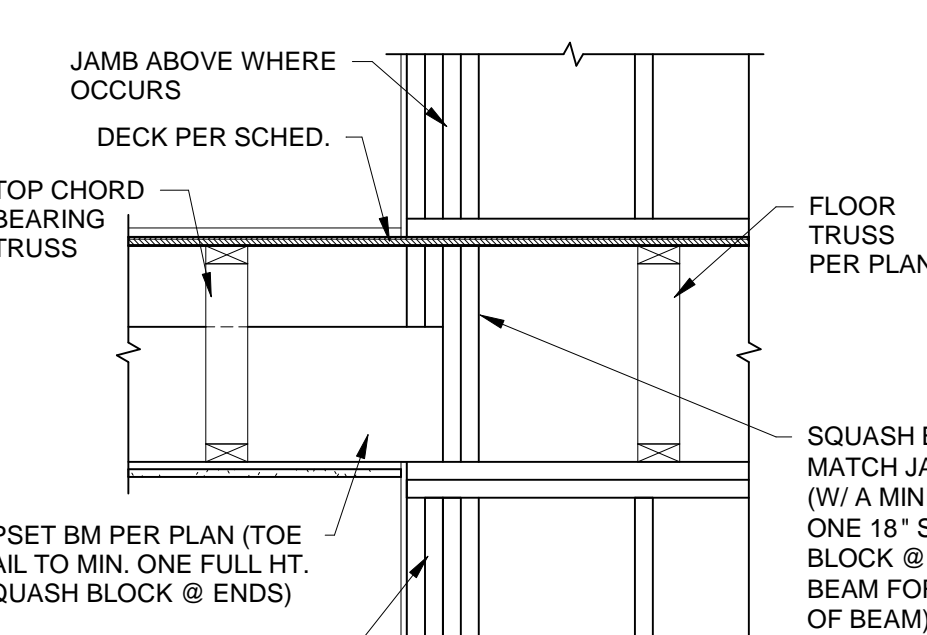
3/4" = 1'-0"



TYPICAL SHALLOW UPSET BEAM SUPPORTING BEARING WALL

10A SECTION

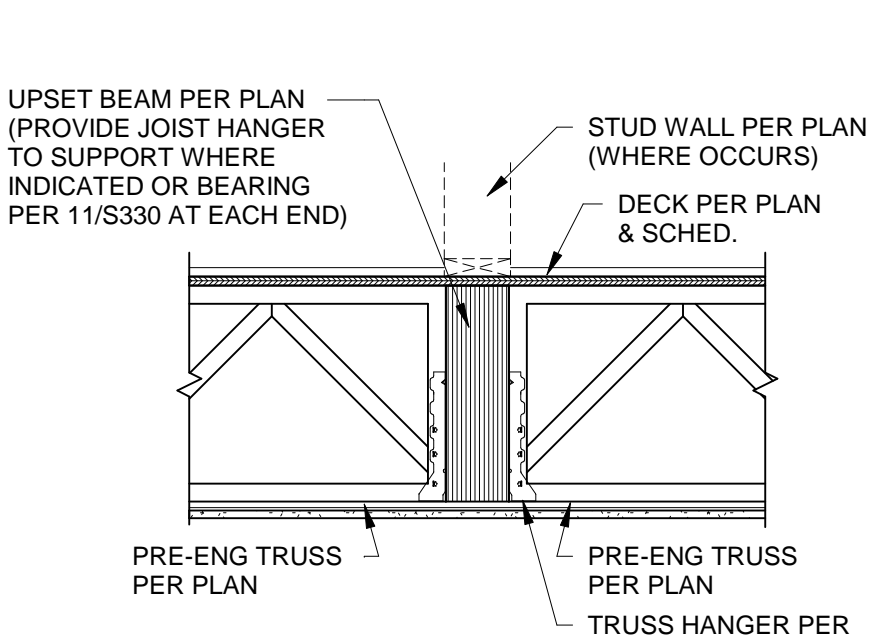
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TYPICAL UPSET BEAM BEARING

11 SECTION

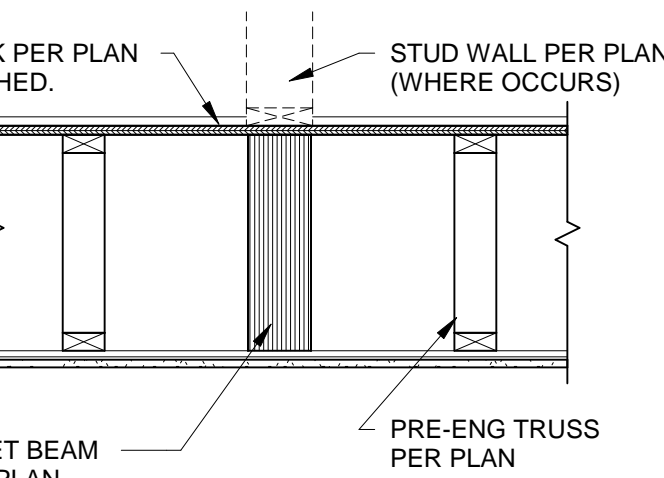
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TYPICAL FULL-HEIGHT UPSET BEAM FRAMING

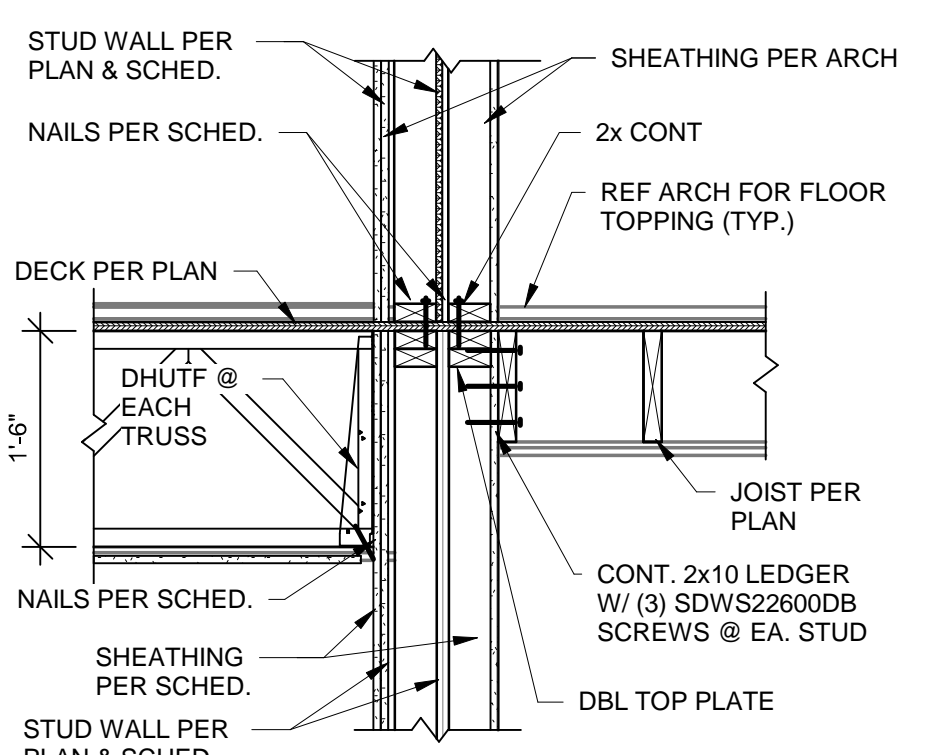
12 SECTION

3/4" = 1'-0"



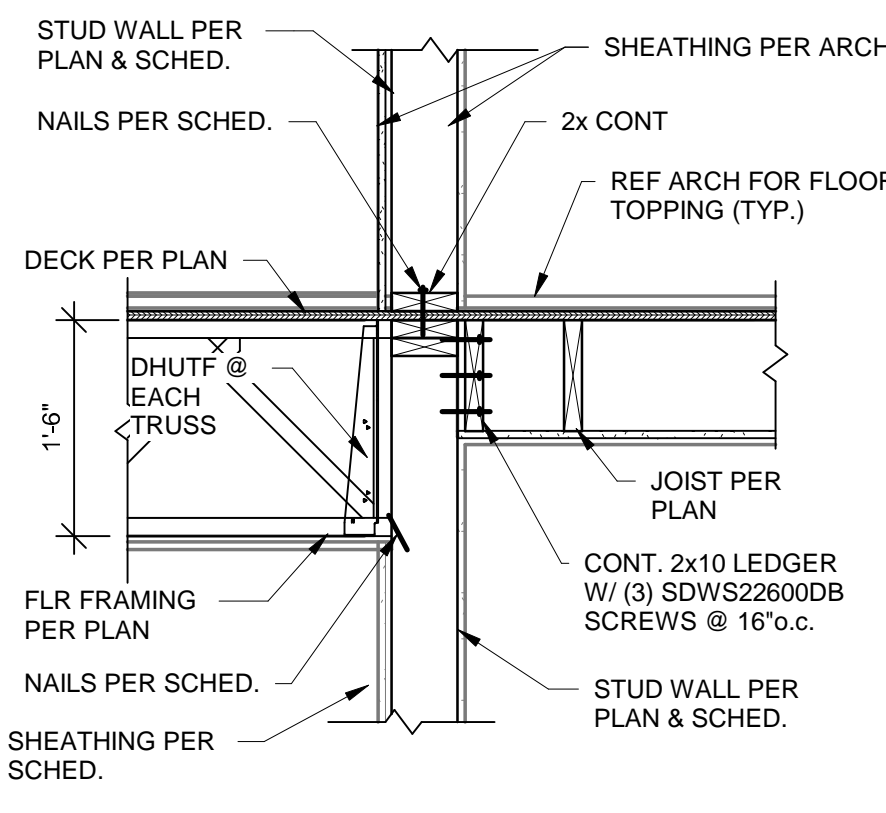
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3/4" = 1'-0"



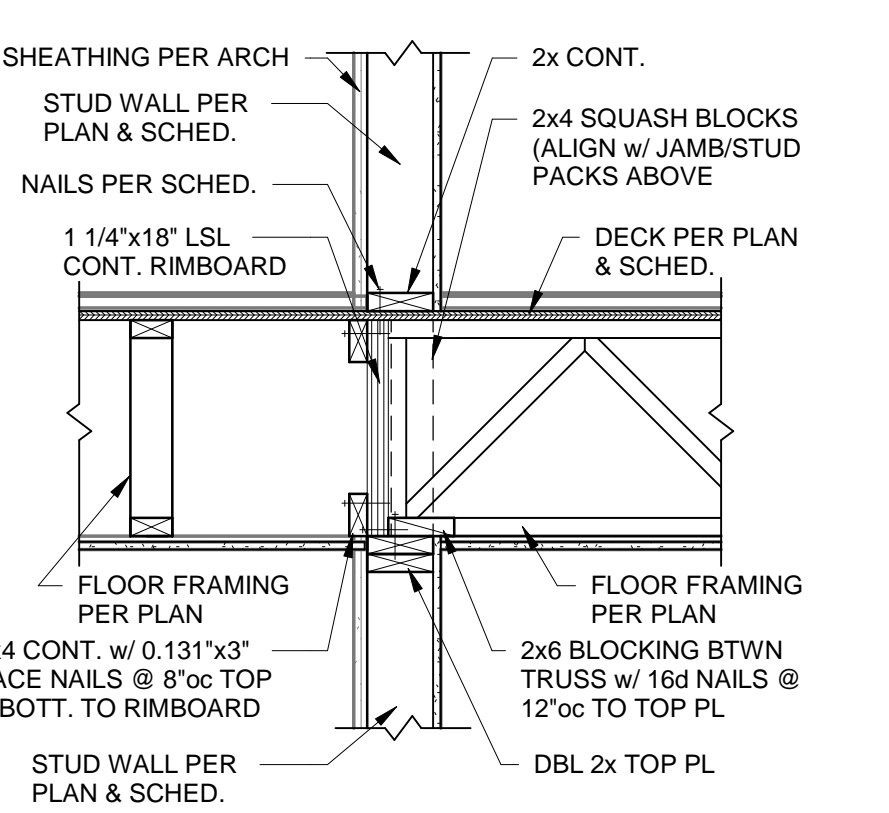
13 SECTION

3/4" = 1'-0"



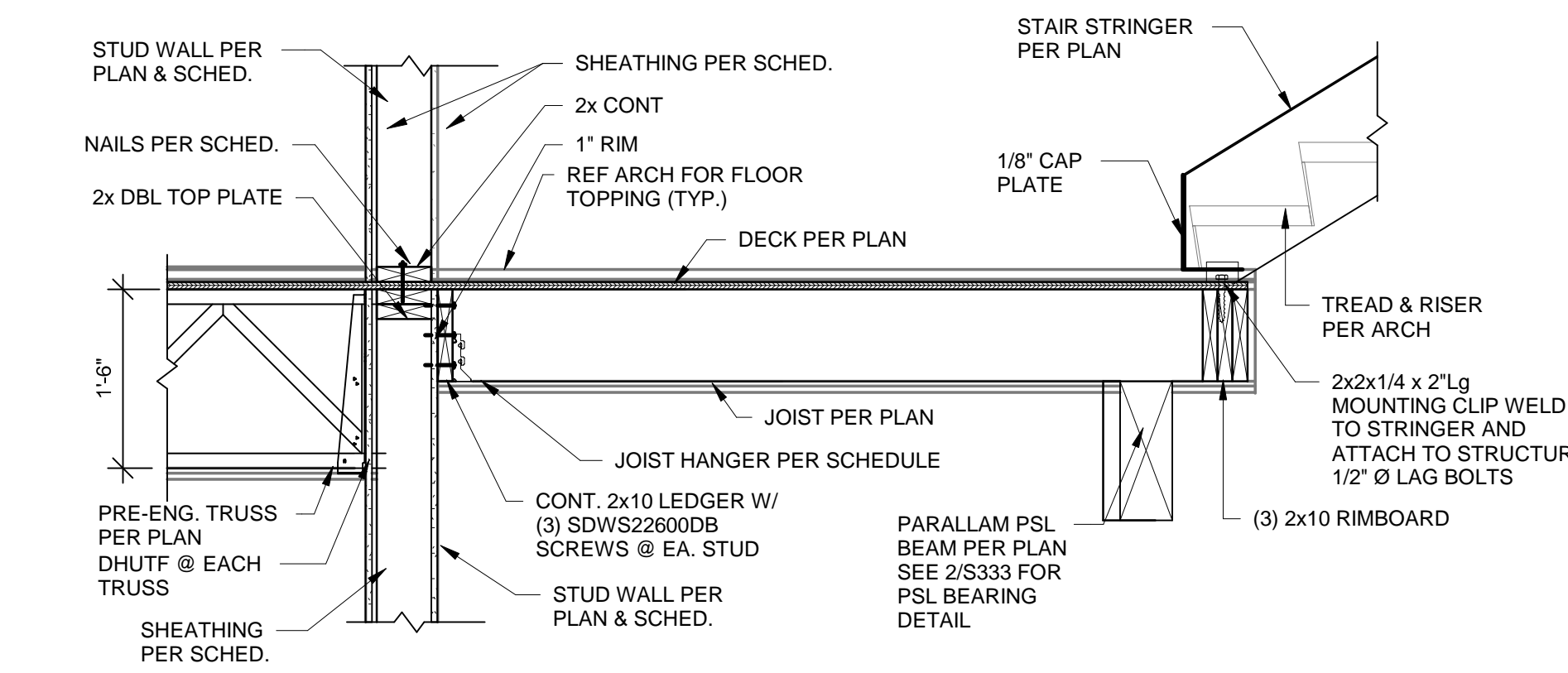
14 SECTION

3/4" = 1'-0"



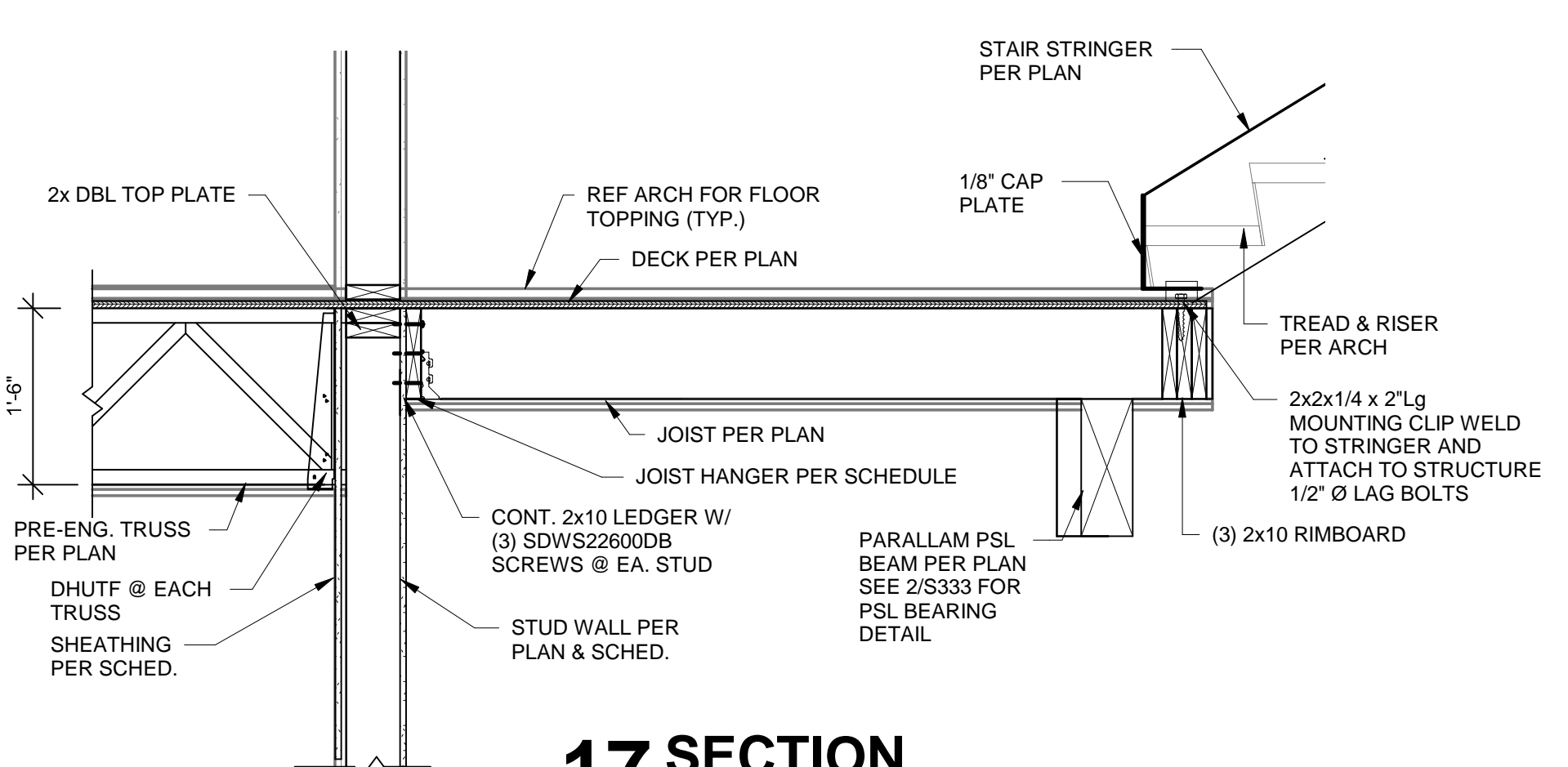
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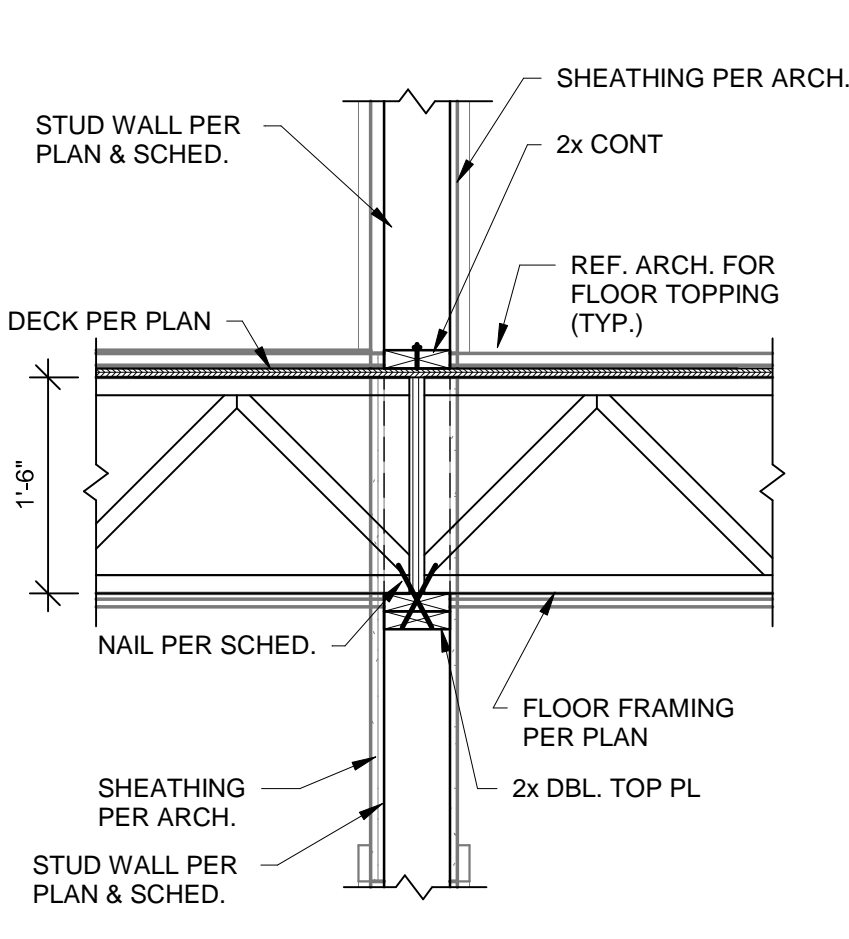
16 SECTION

3/4" = 1'-0"



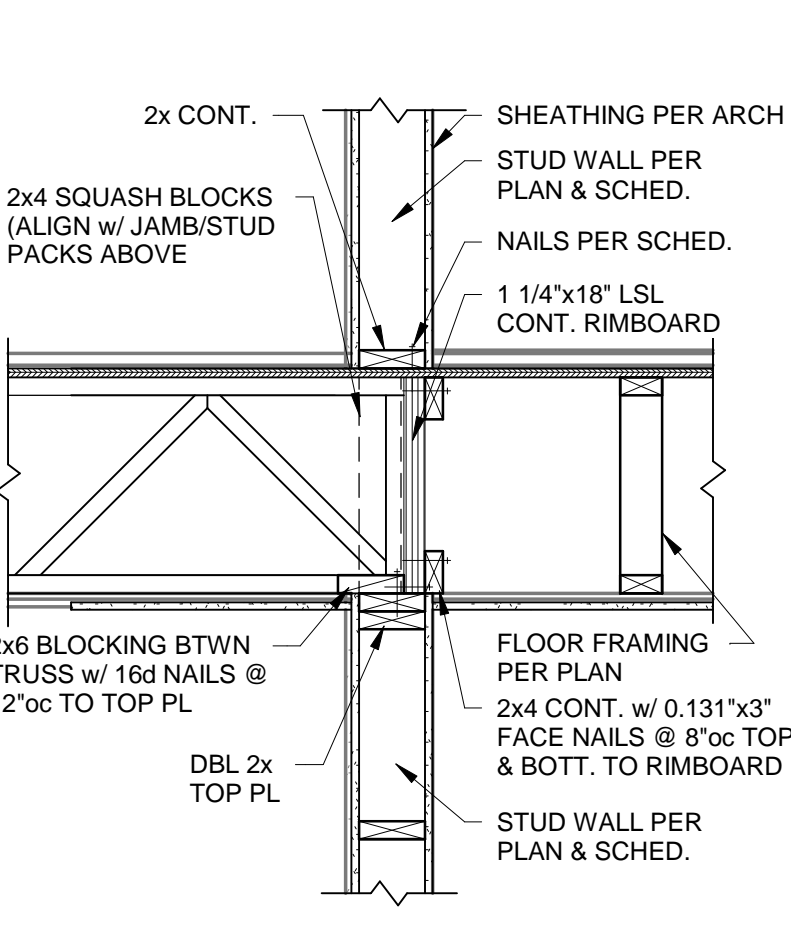
17 SECTION

3/4" = 1'-0"



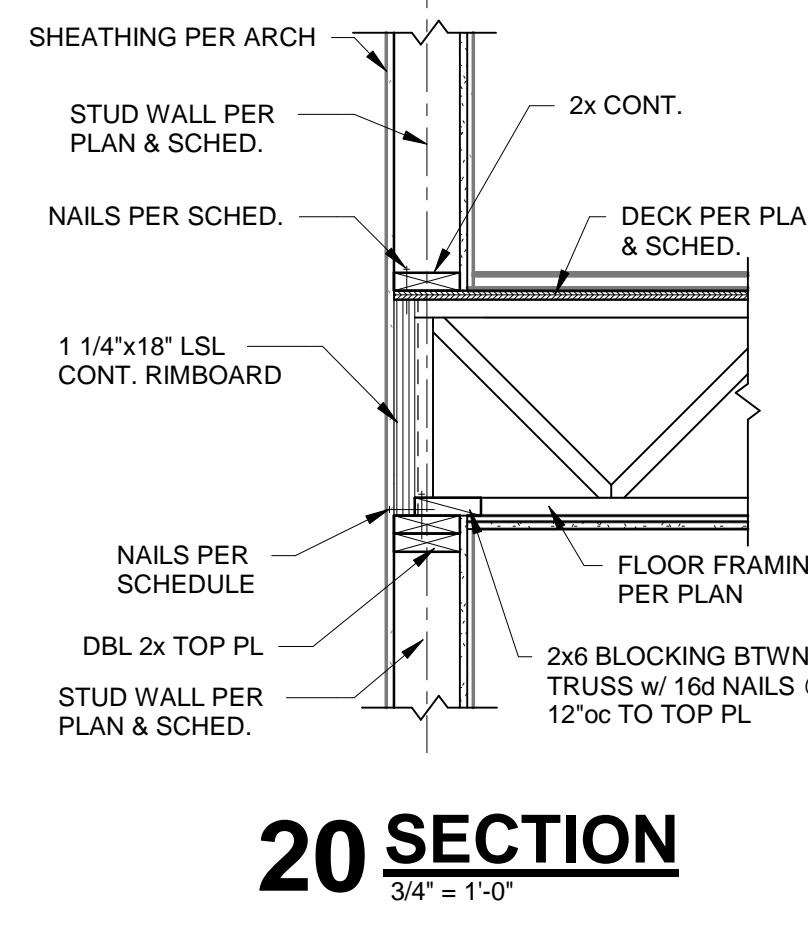
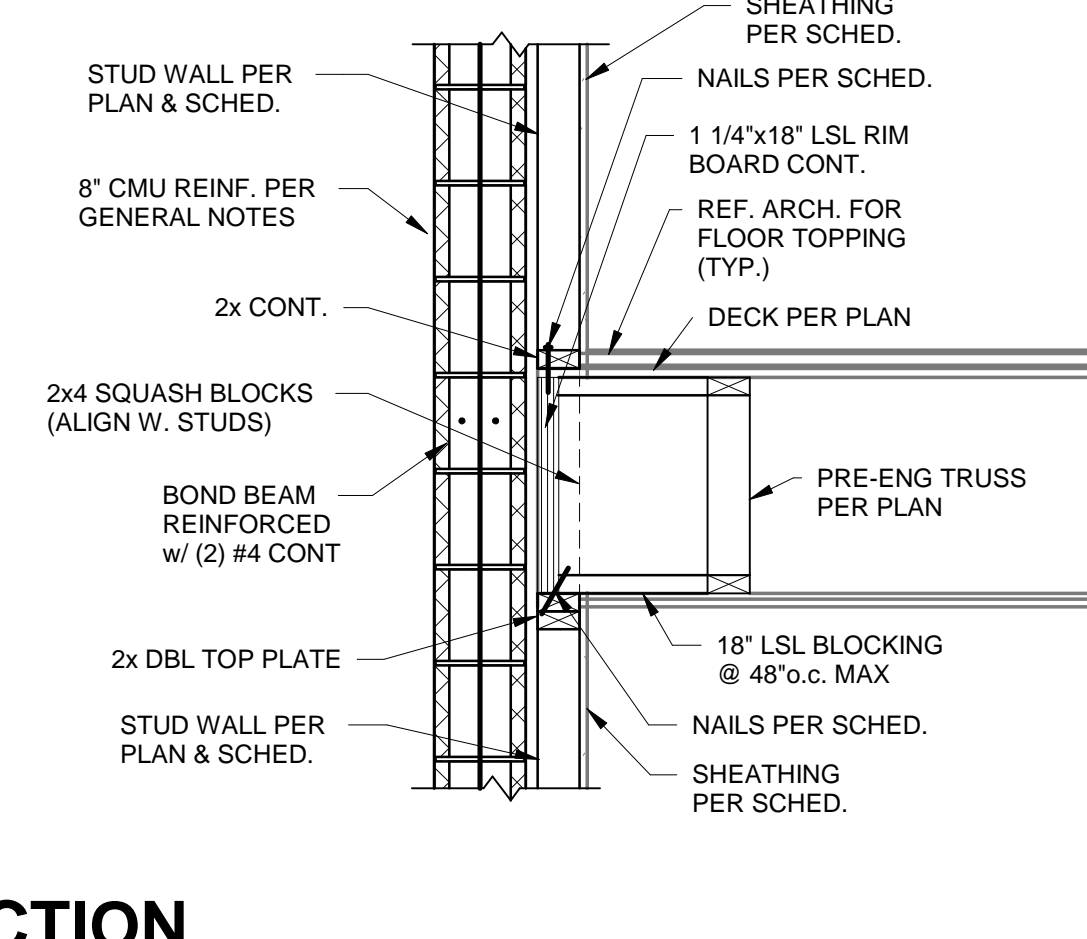
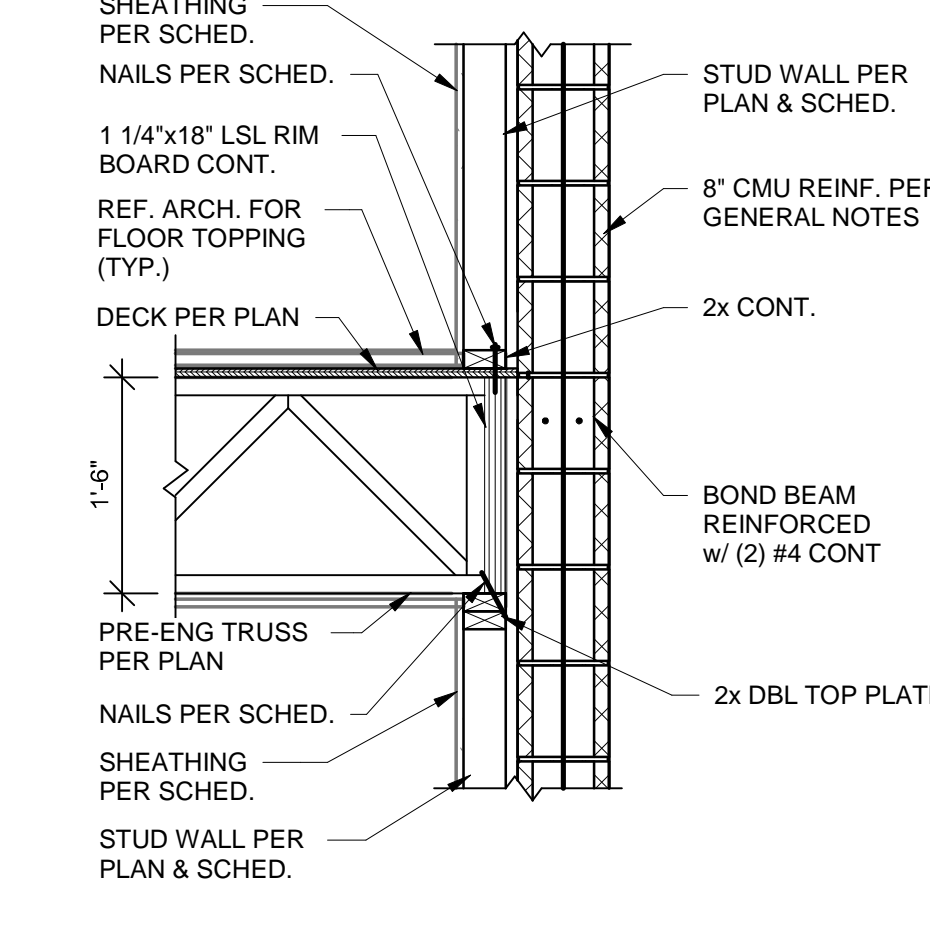
18 SECTION

3/4" = 1'-0"



19 SECTION

3/4" = 1'-0"



20 SECTION

3/4" = 1'-0"



ARCHITECT
STRUCTURAL ENGINEER
CIVIL ENGINEER
GENERAL CONTRACTOR
MECHANICAL ENGINEER
PLUMBING ENGINEER
ELECTRICAL ENGINEER

TRI ARCHITECTS
BOB D CAMPBELL & COMPANY
SM ENGINEERING
BRINKMANN CONSTRUCTORS
LATIMER SOMMERS & ASSOCIATES
LATIMER SOMMERS & ASSOCIATES
LATIMER SOMMERS & ASSOCIATES



The Signature at West Pryor

2100 AND 2150 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081



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1790 S. Brentwood Blvd.
St. Louis, Missouri 63144
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www.triarchitects.com

DATE: 7.15.2021

REVISIONS

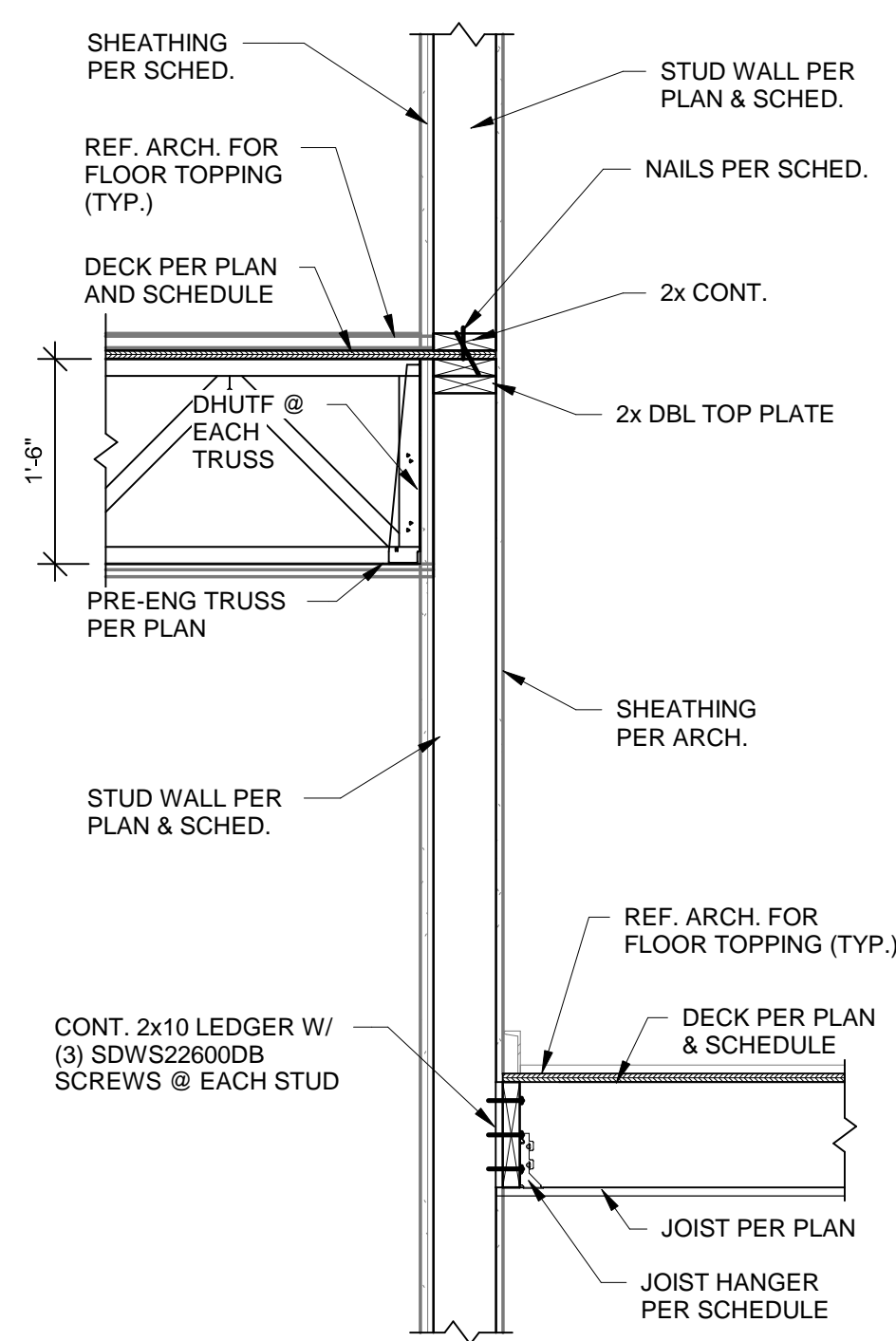
DWG BY CB

TRi PROJECT NO. 20-001

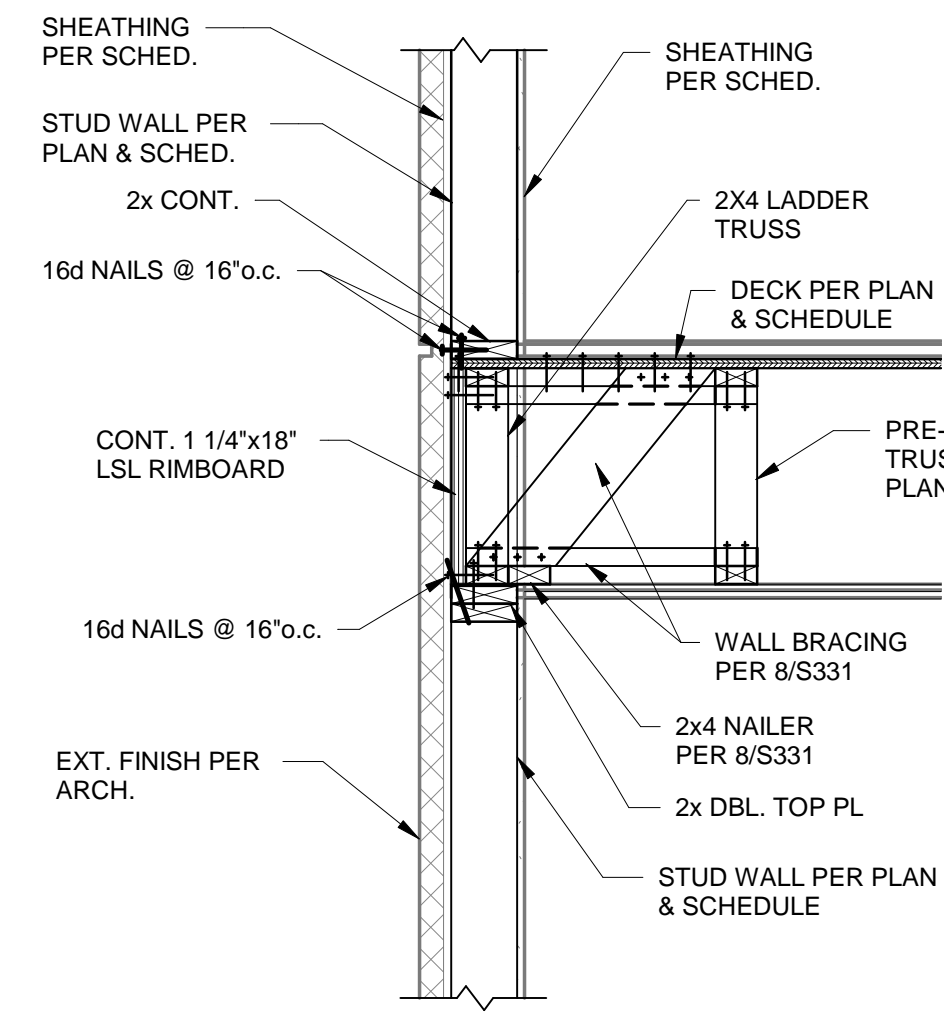
SHEET NO.

S330

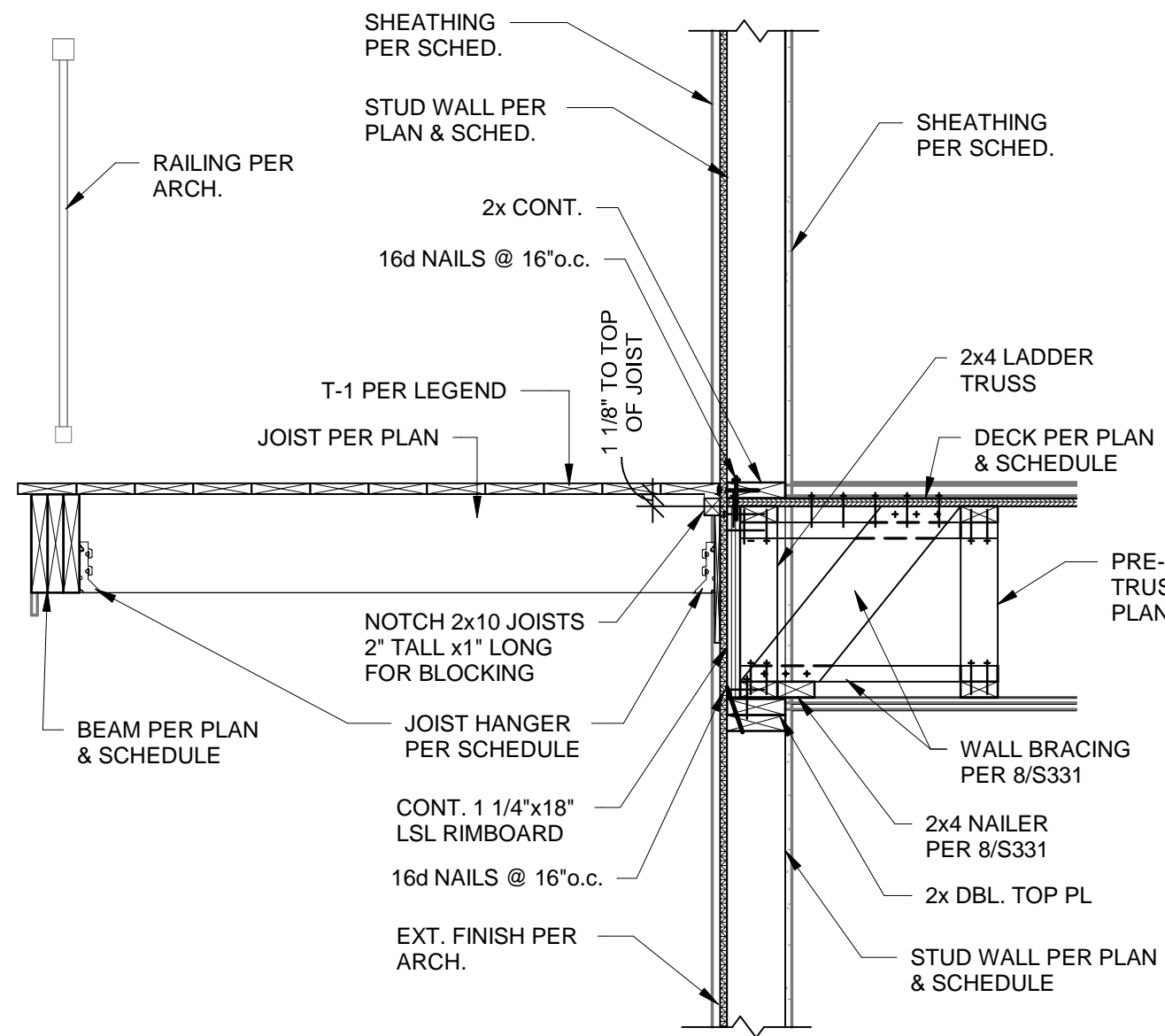
WOOD FLOOR FRAMING SECTIONS



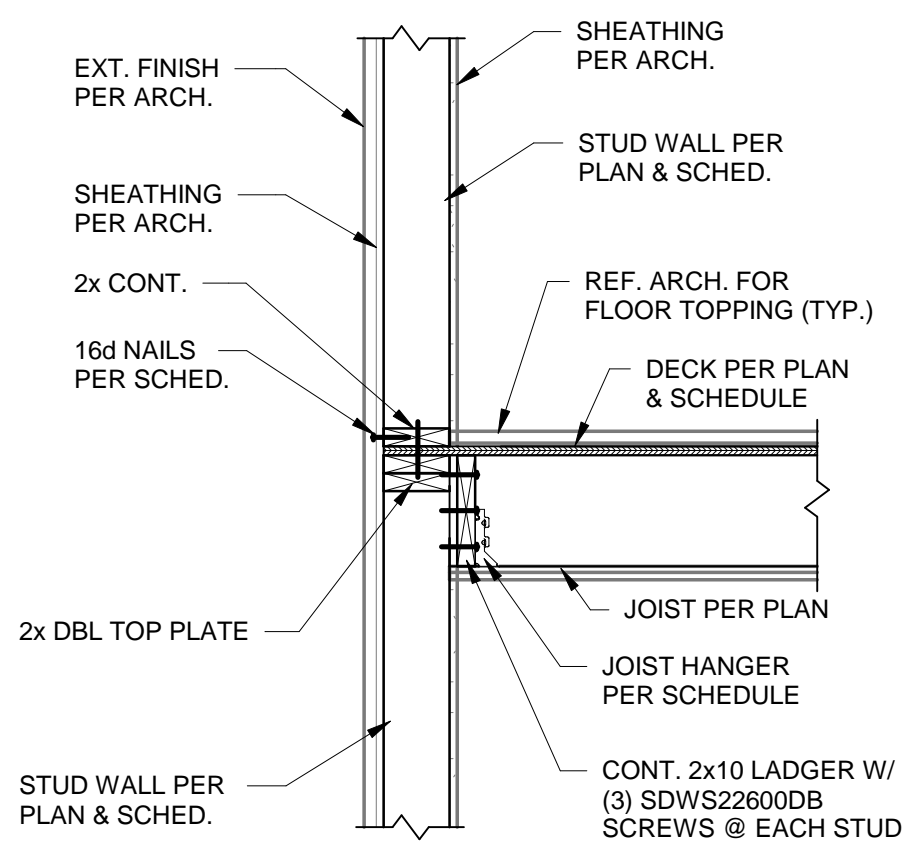
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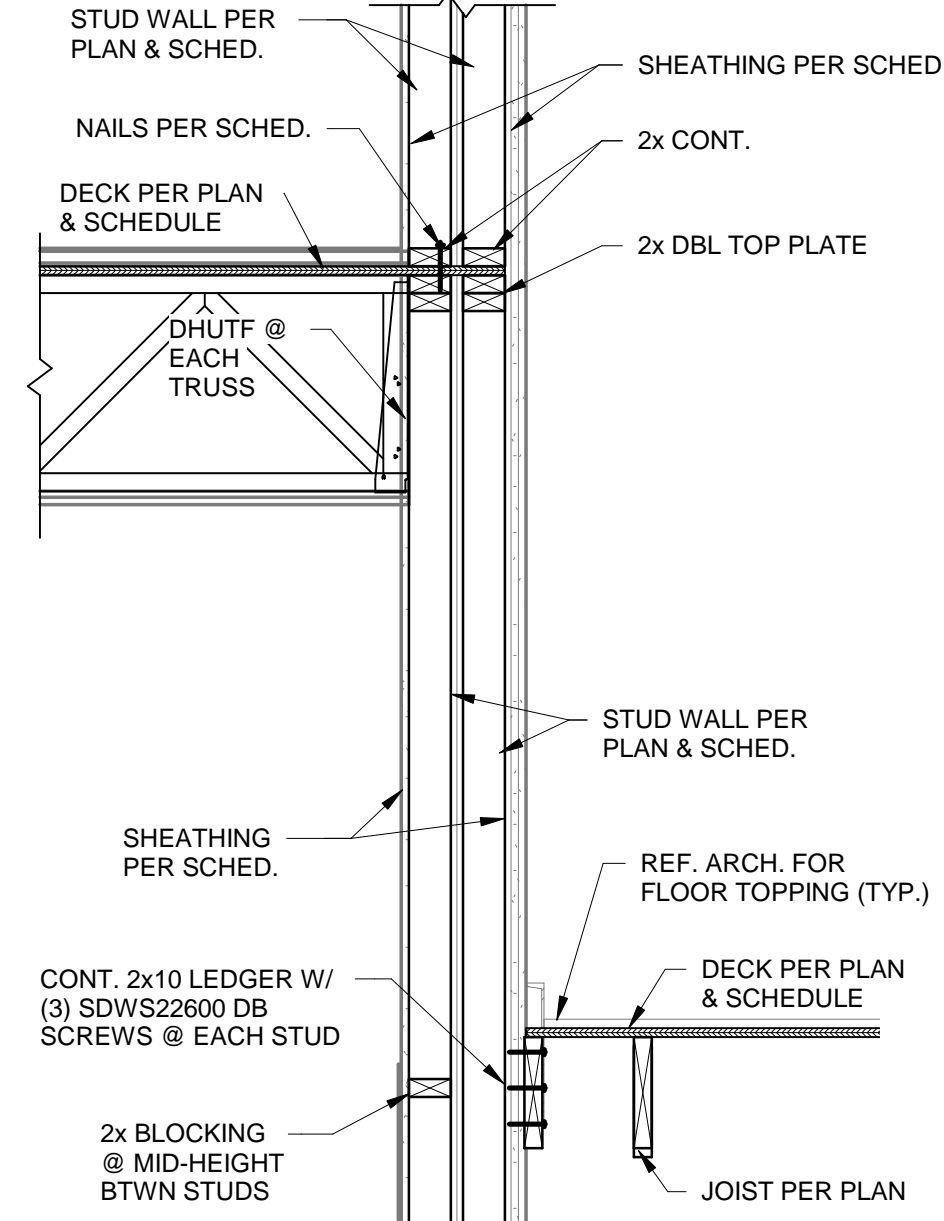
6 SECTION
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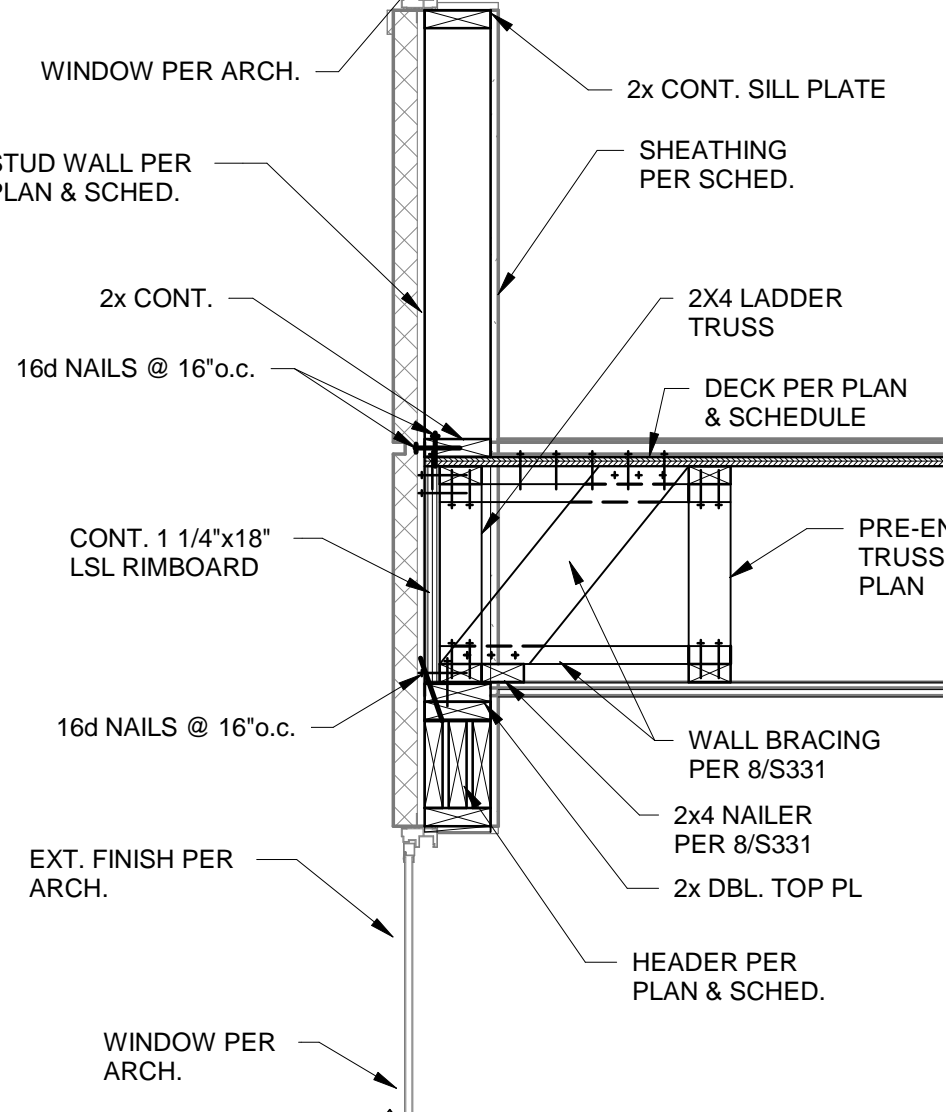
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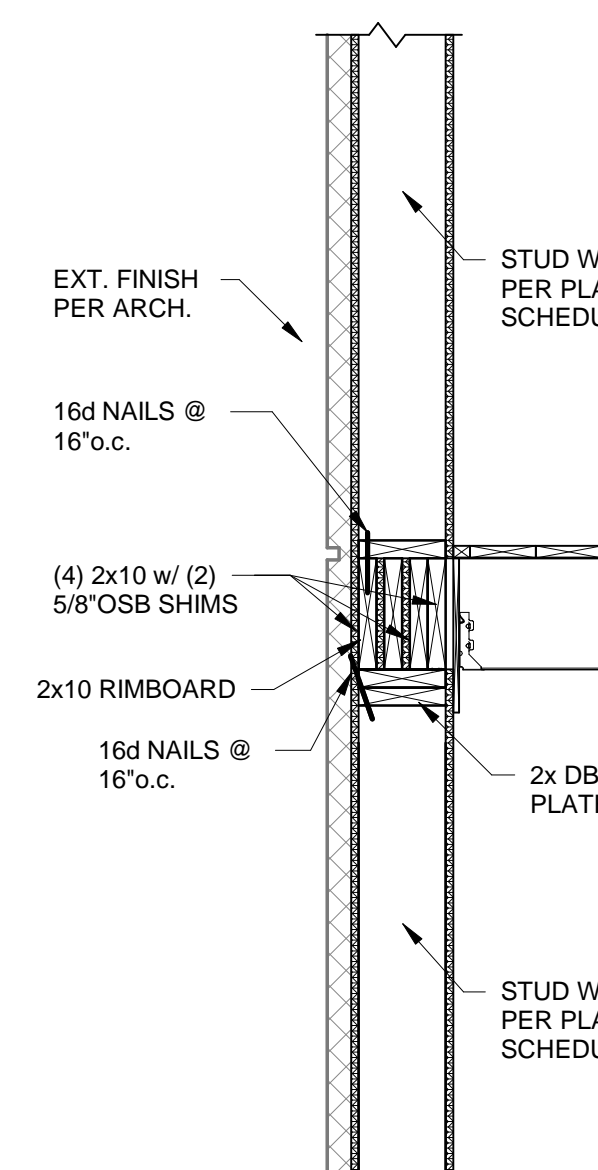
13 SECTION
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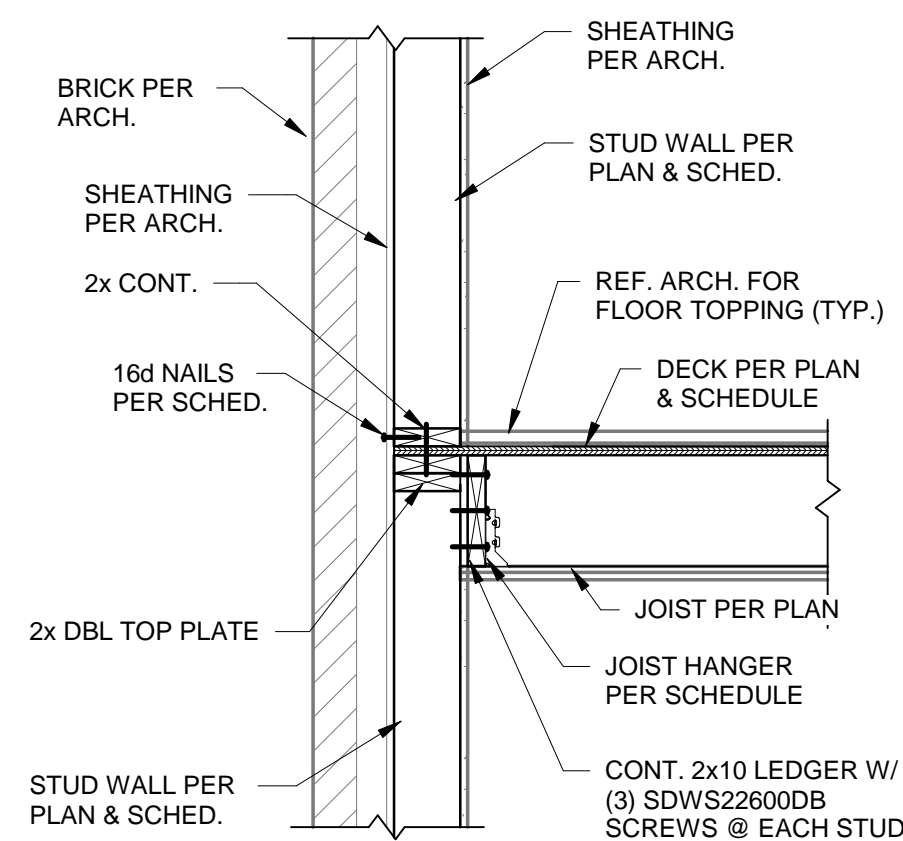
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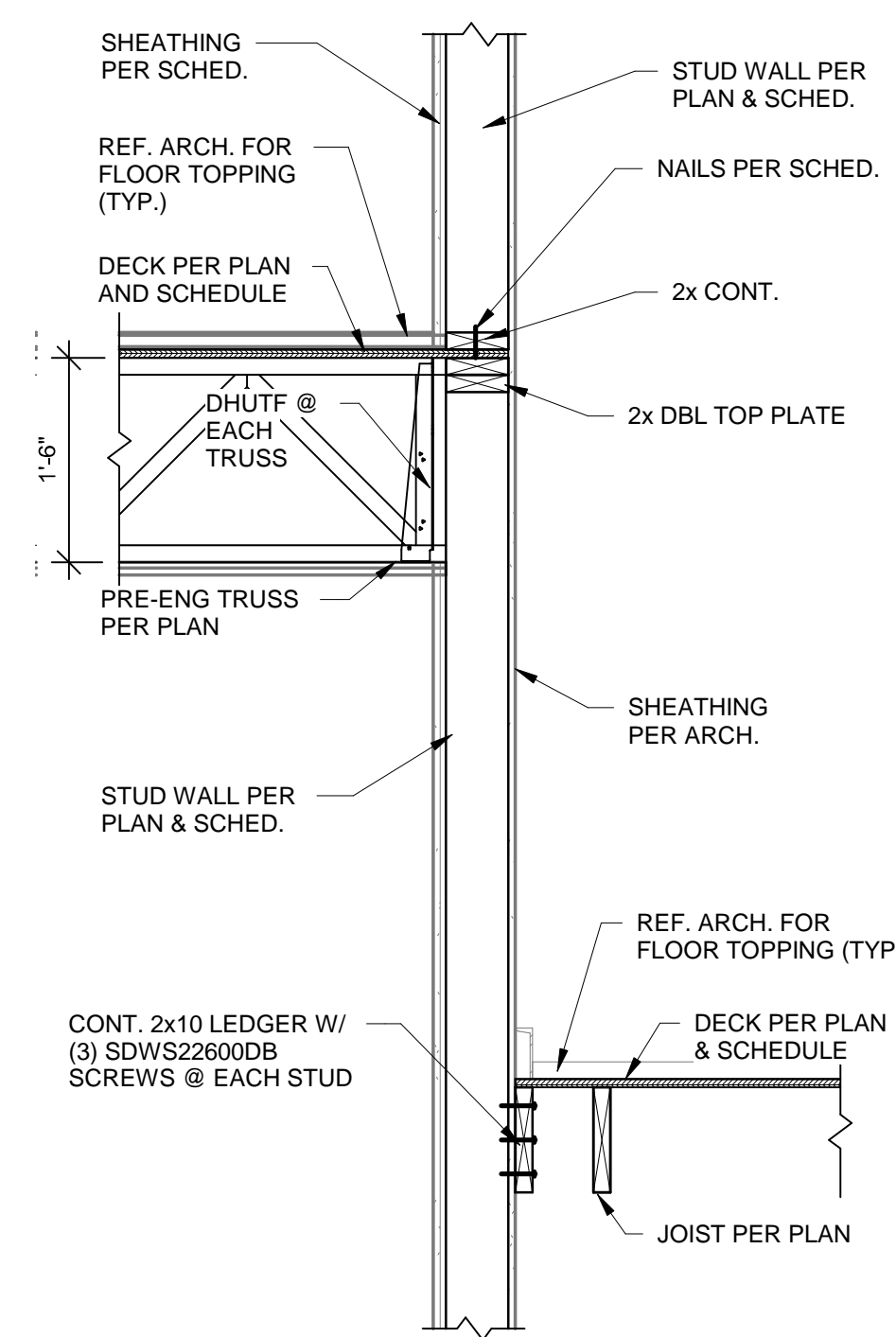
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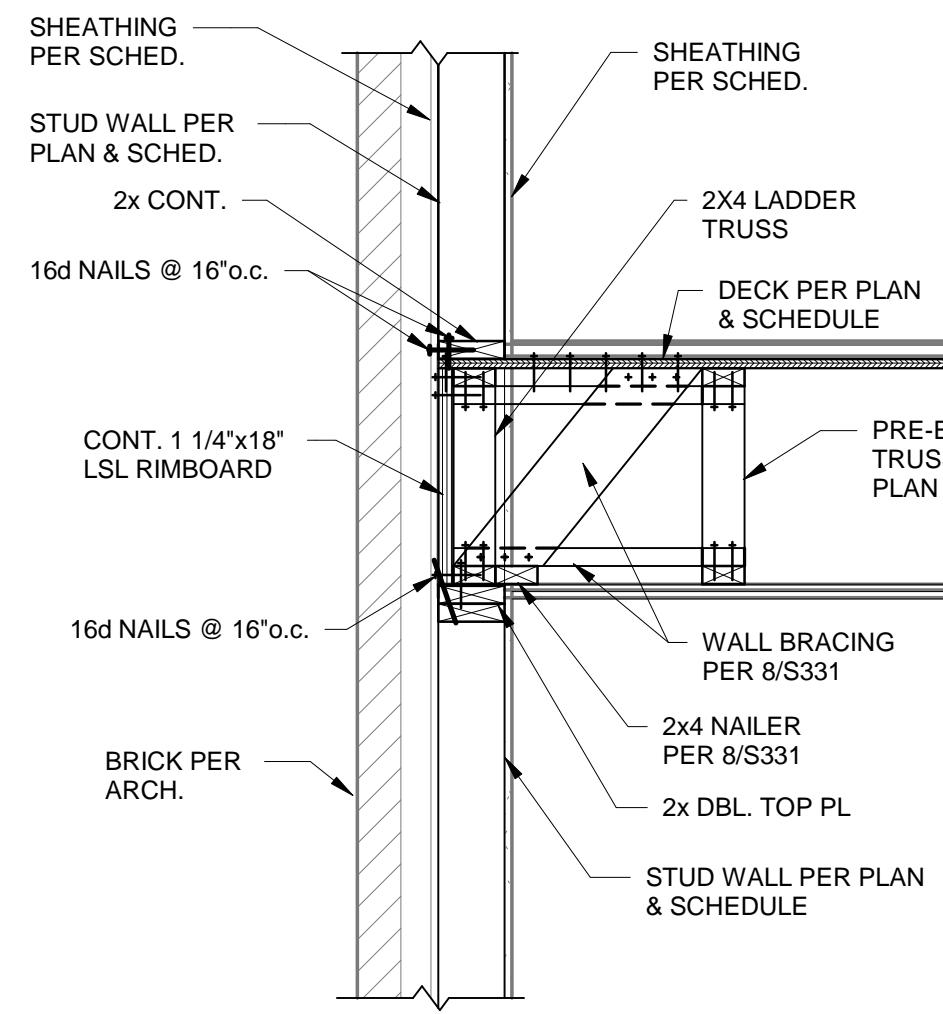
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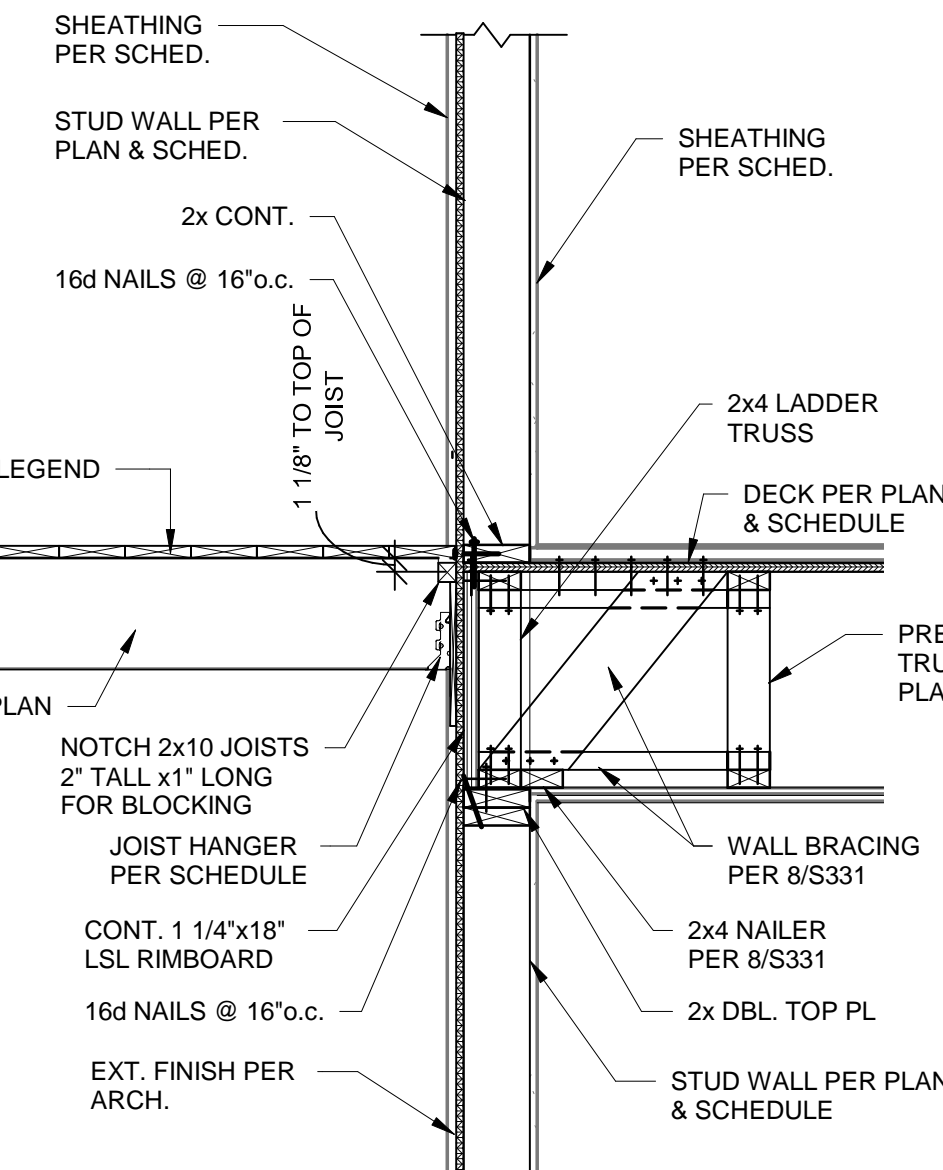
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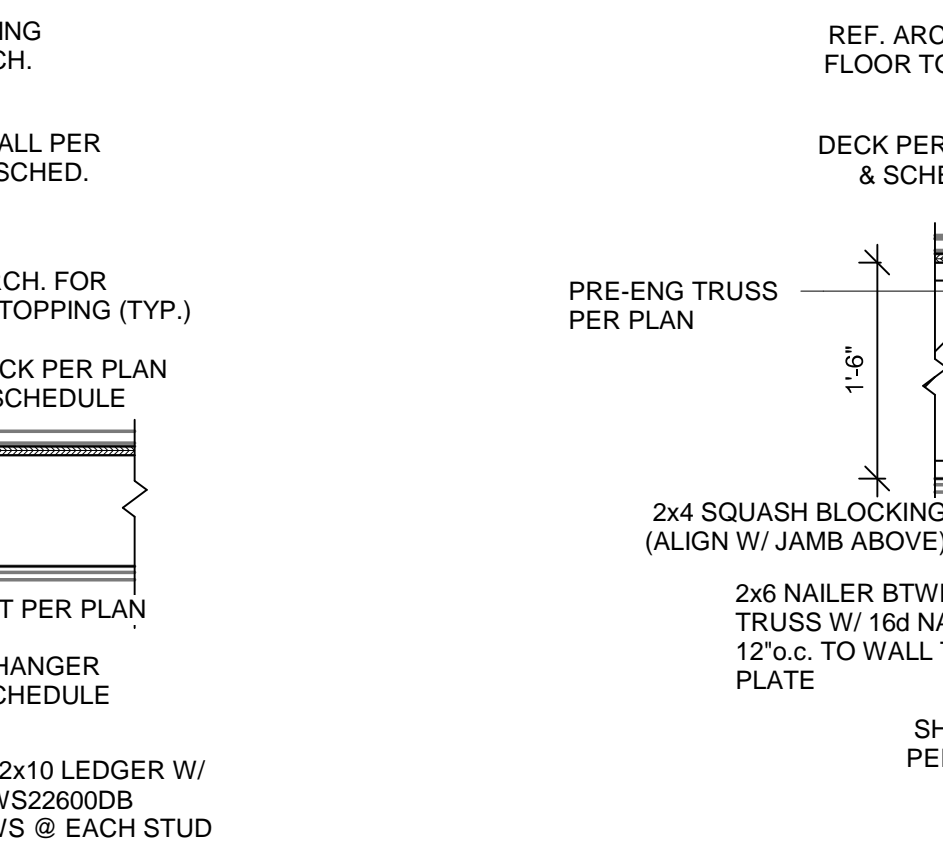
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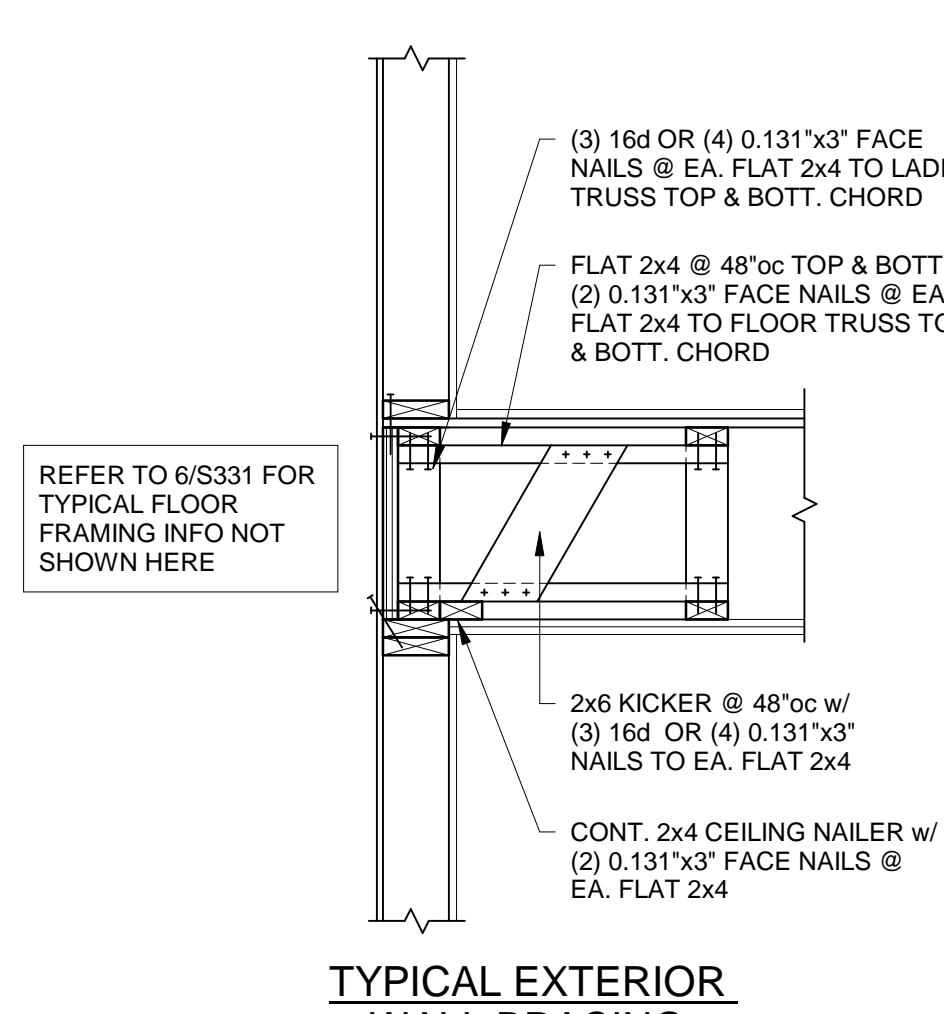
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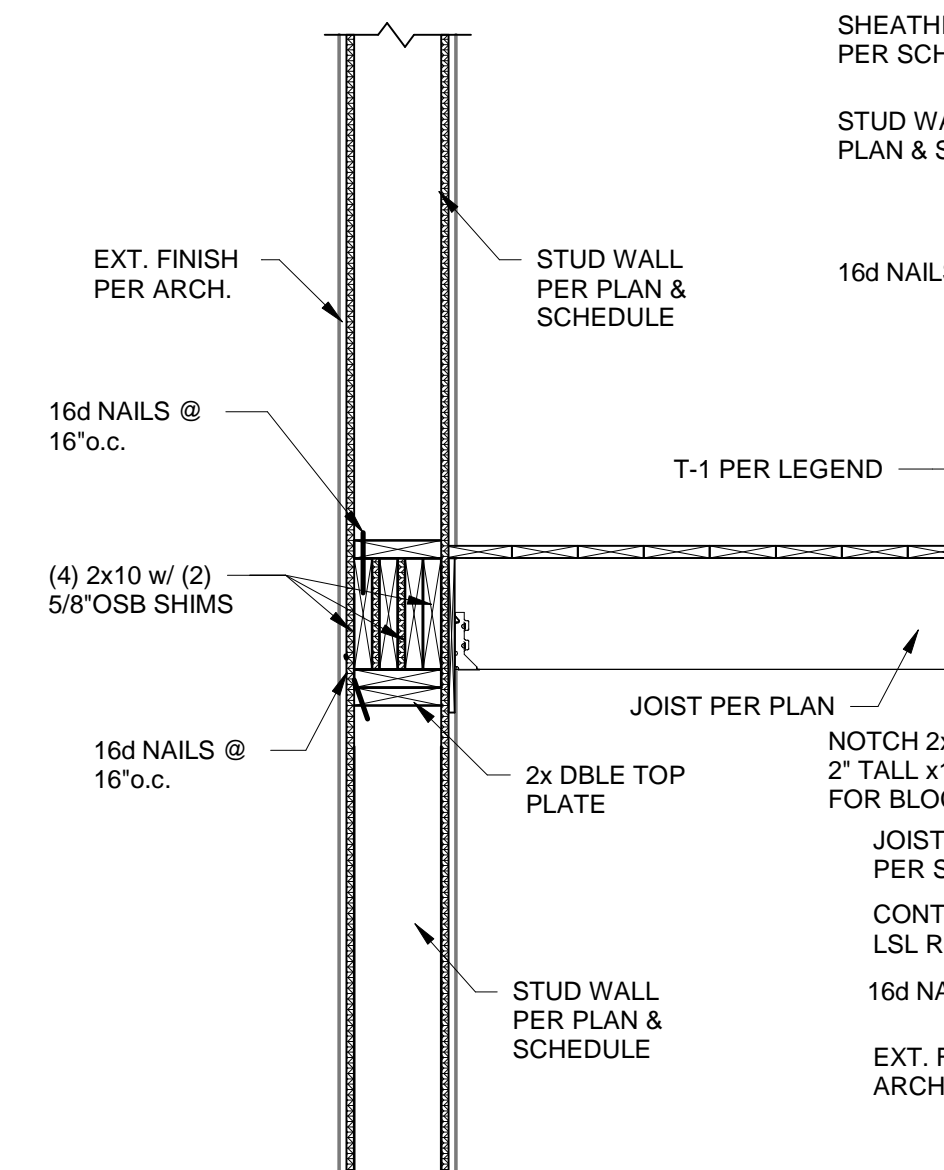
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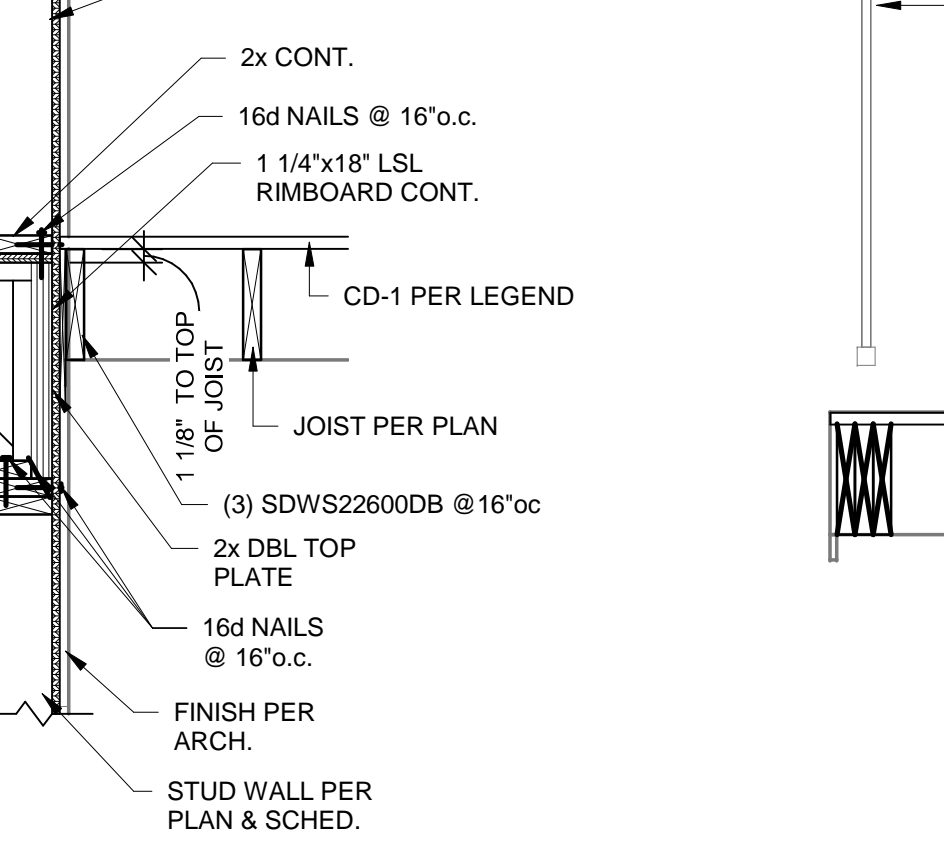
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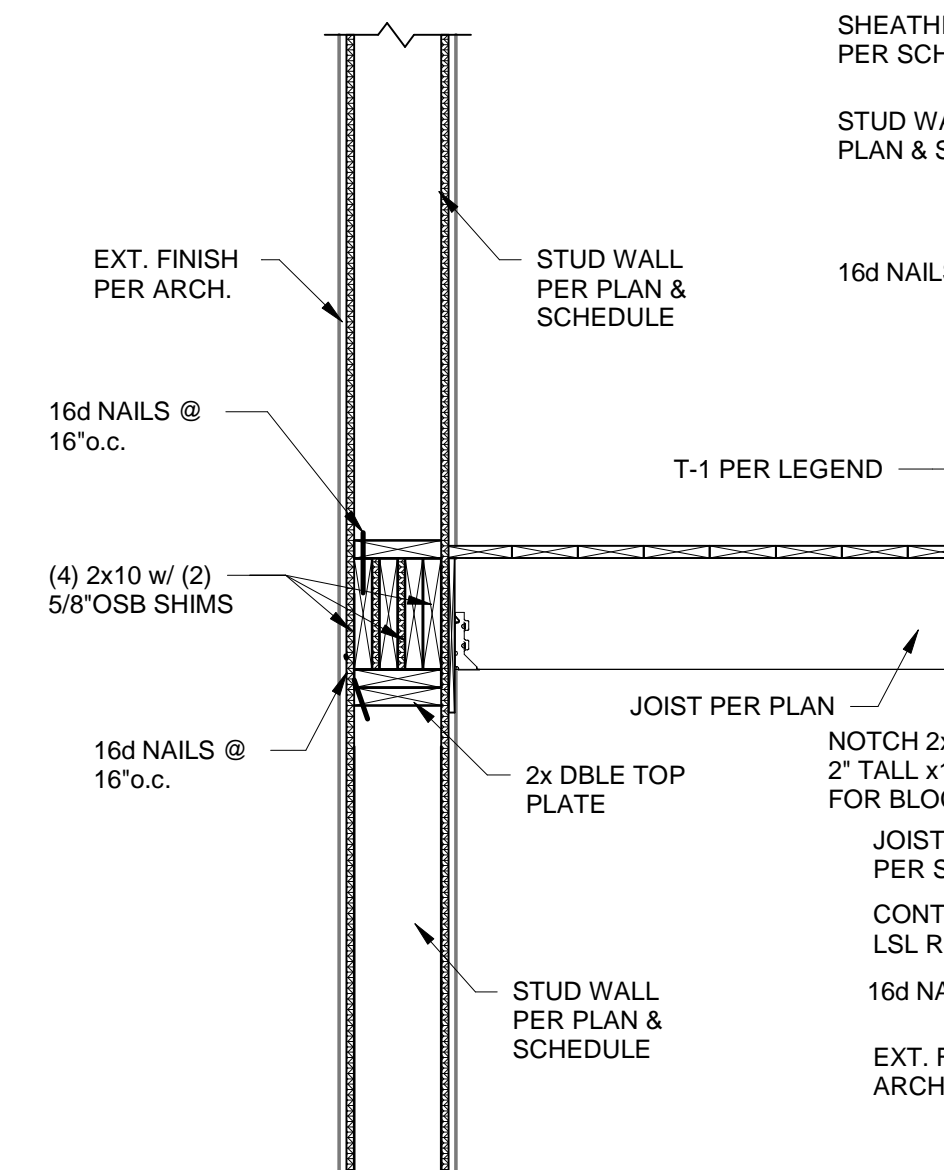
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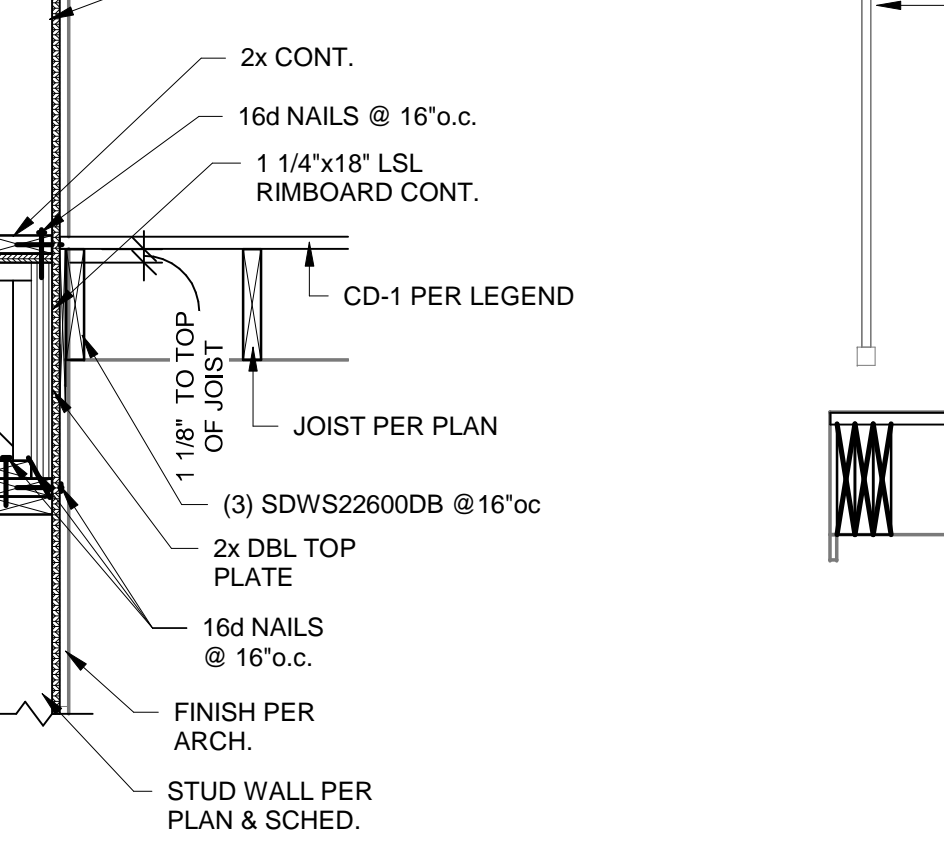
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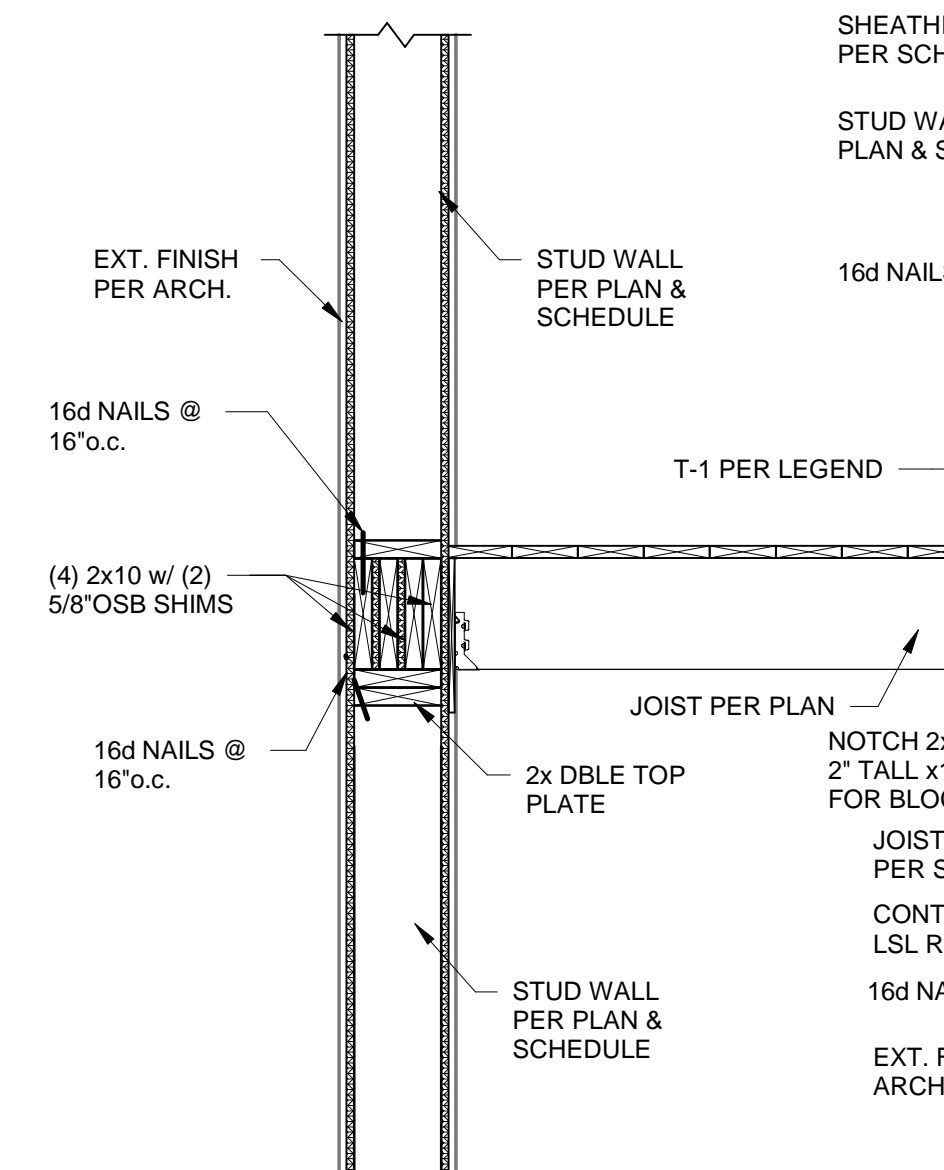
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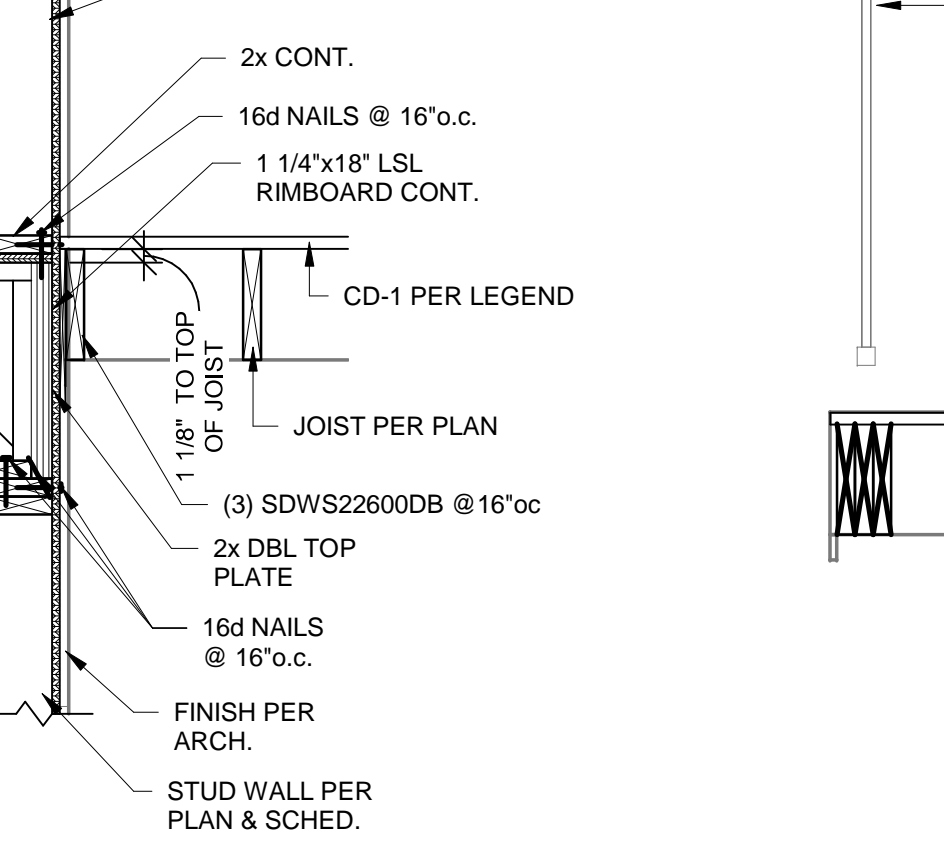
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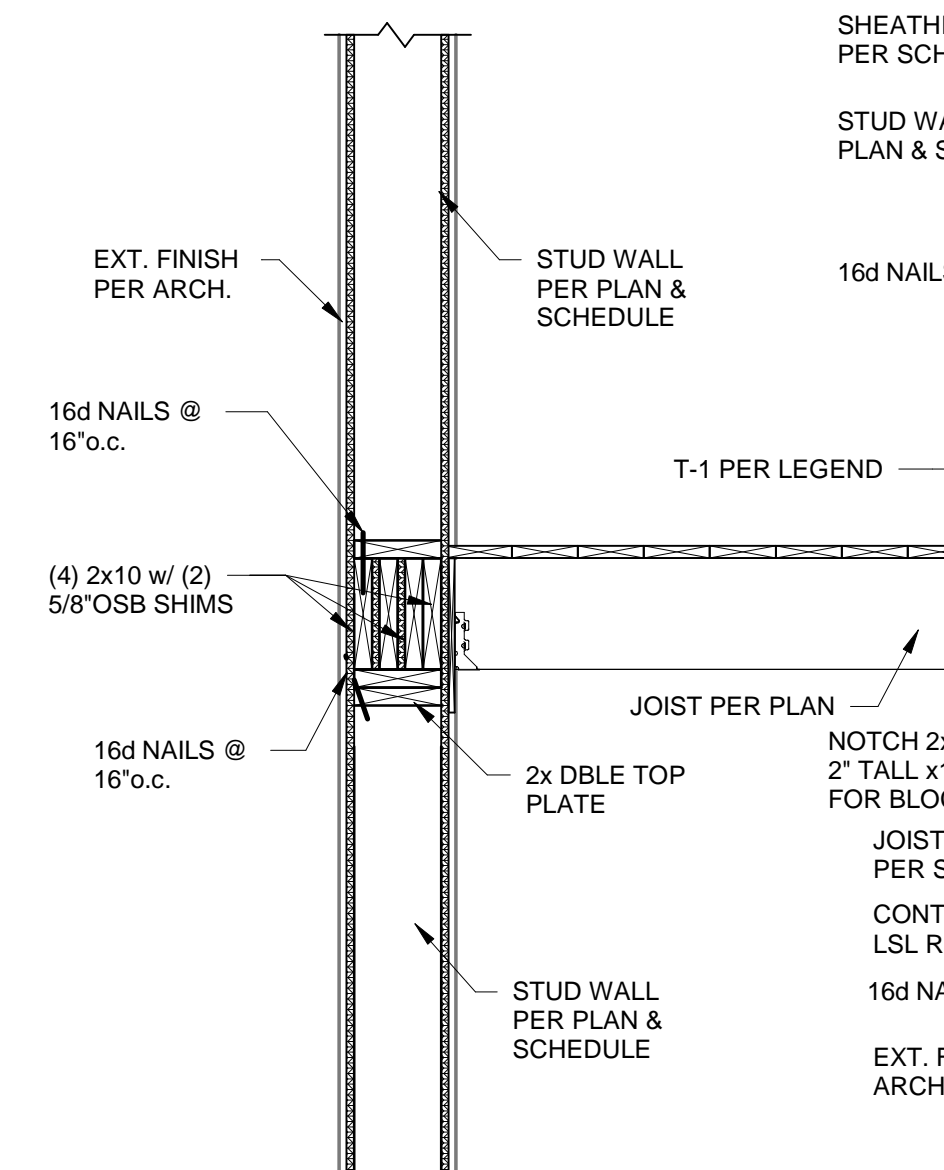
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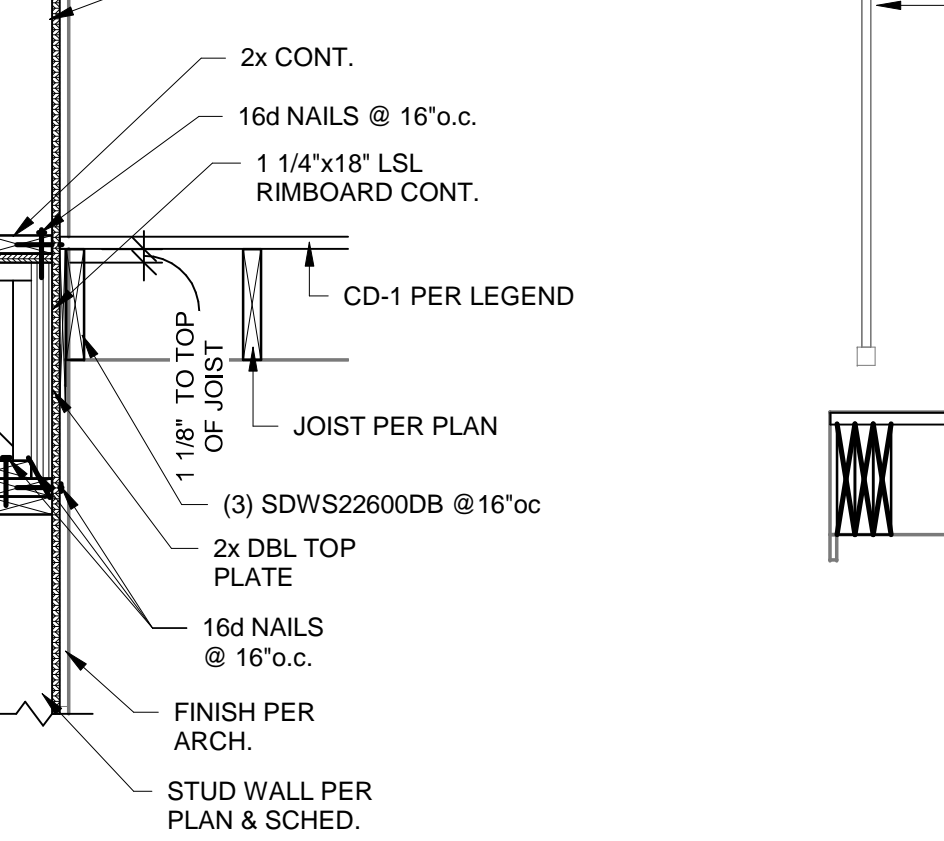
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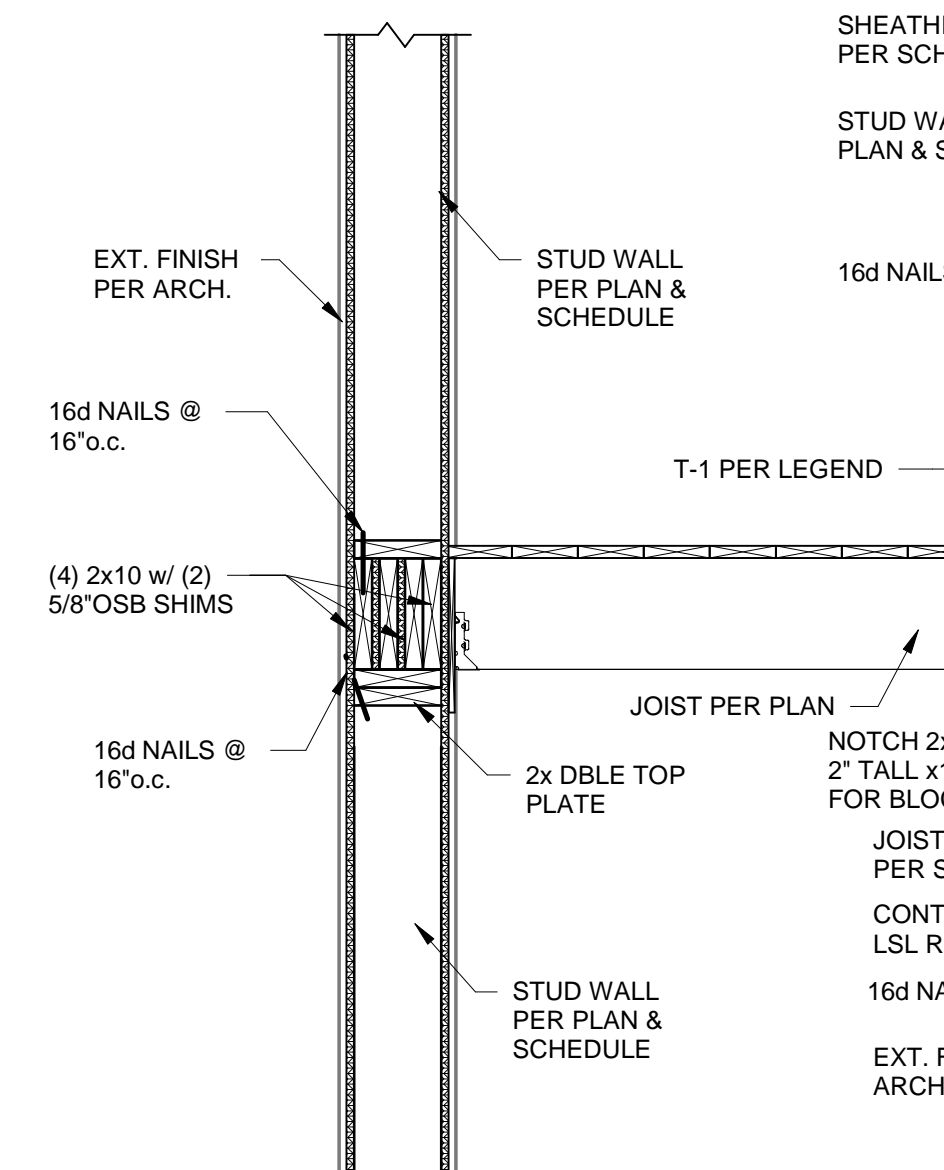
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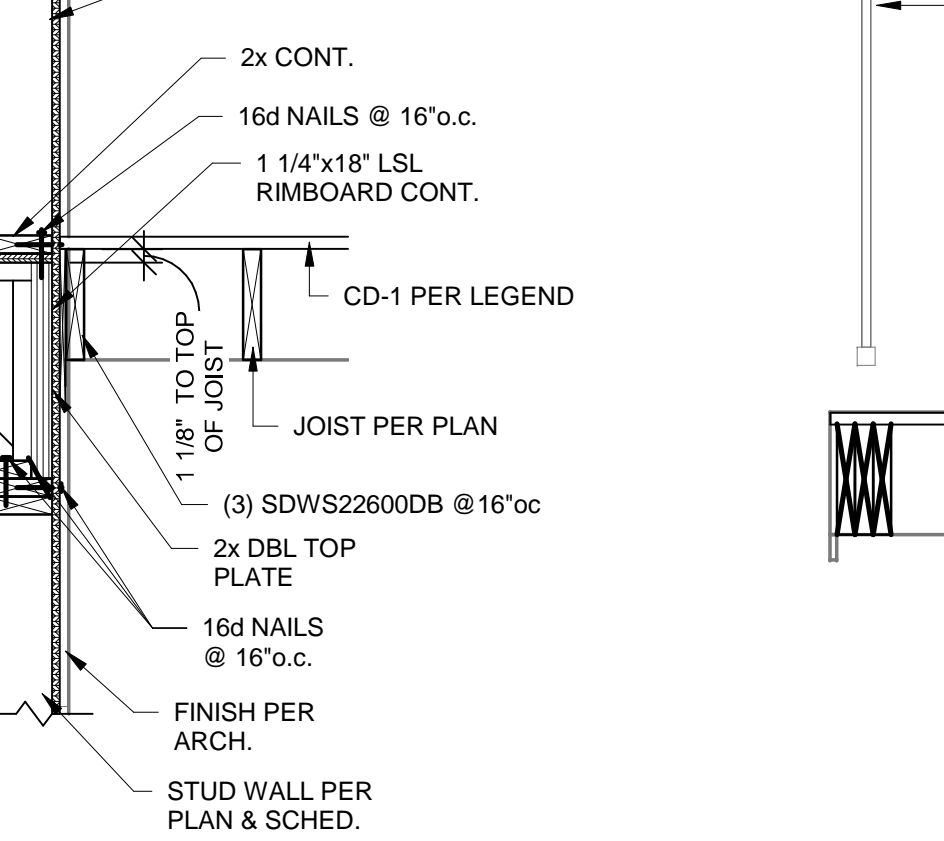
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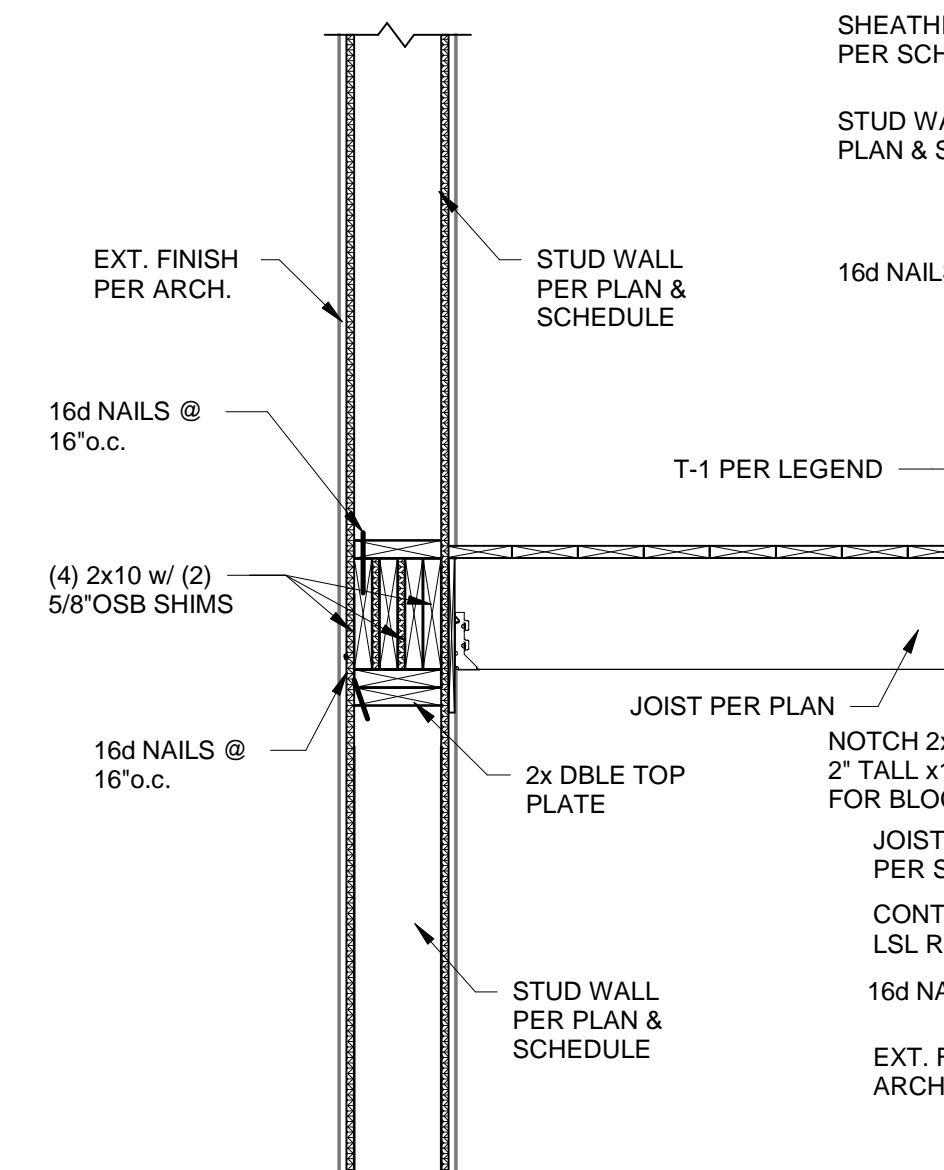
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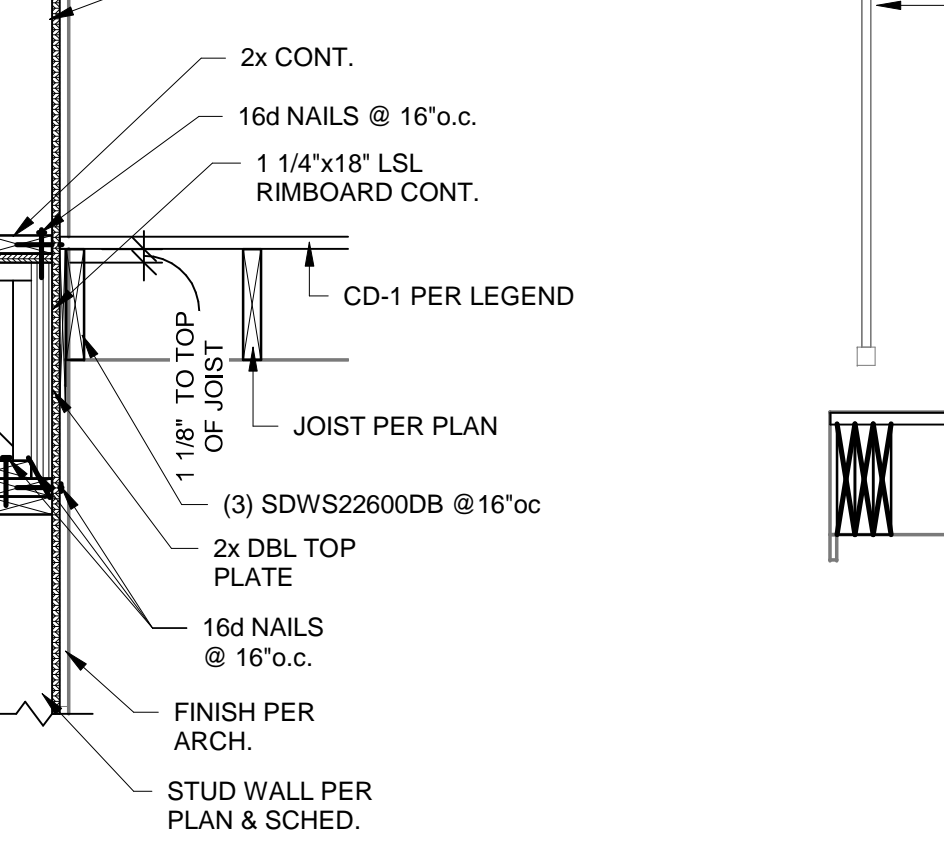
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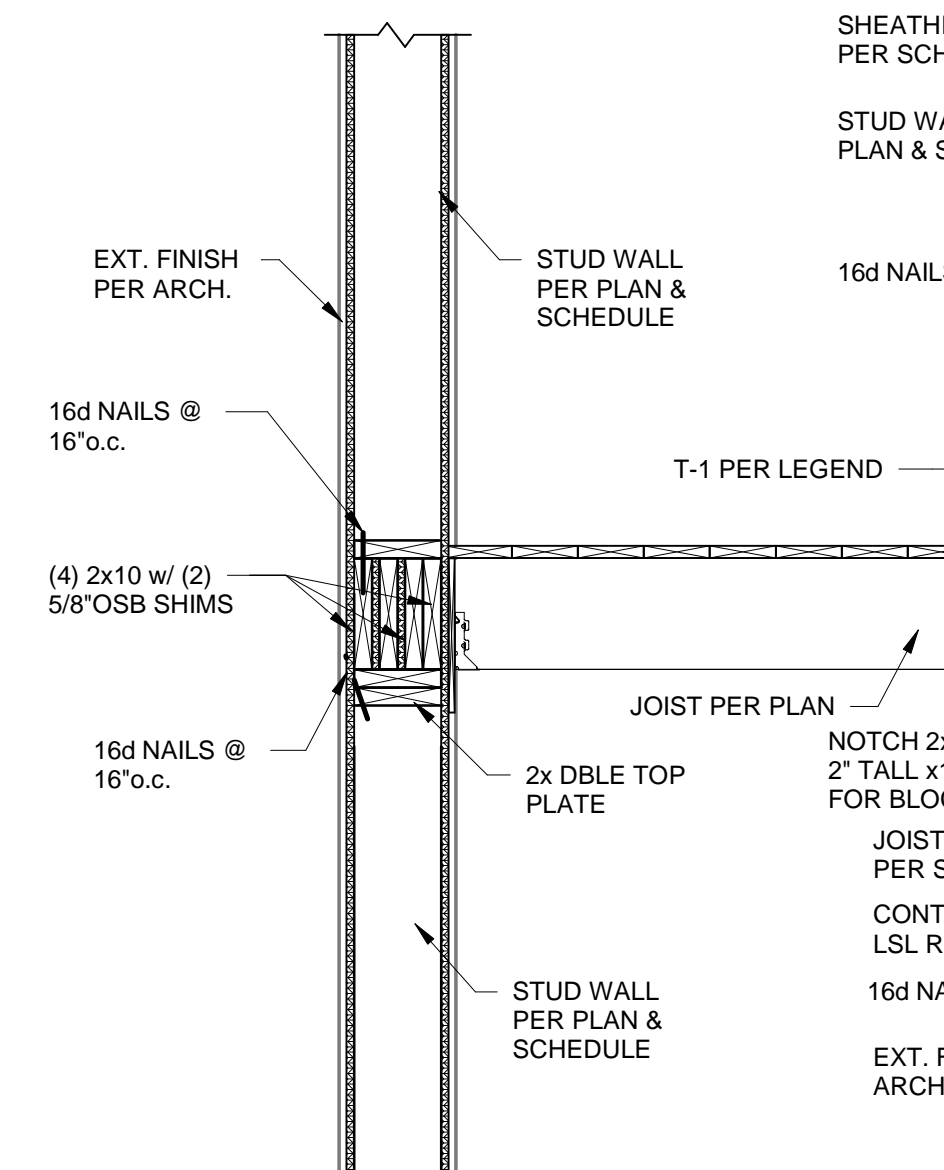
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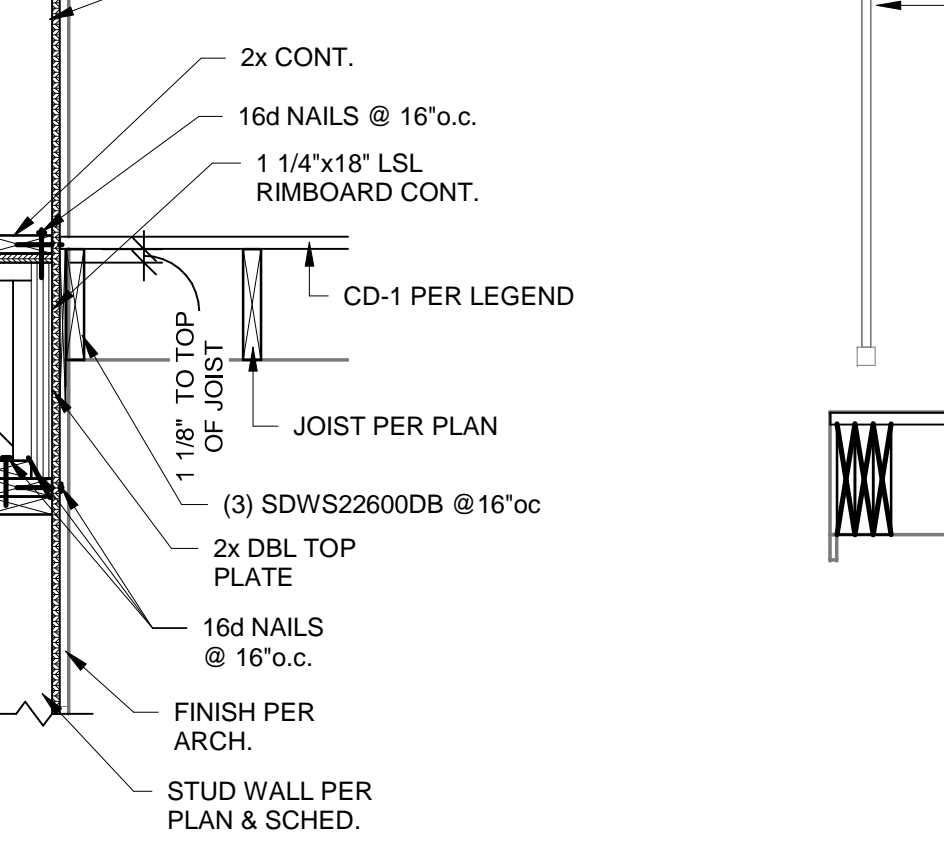
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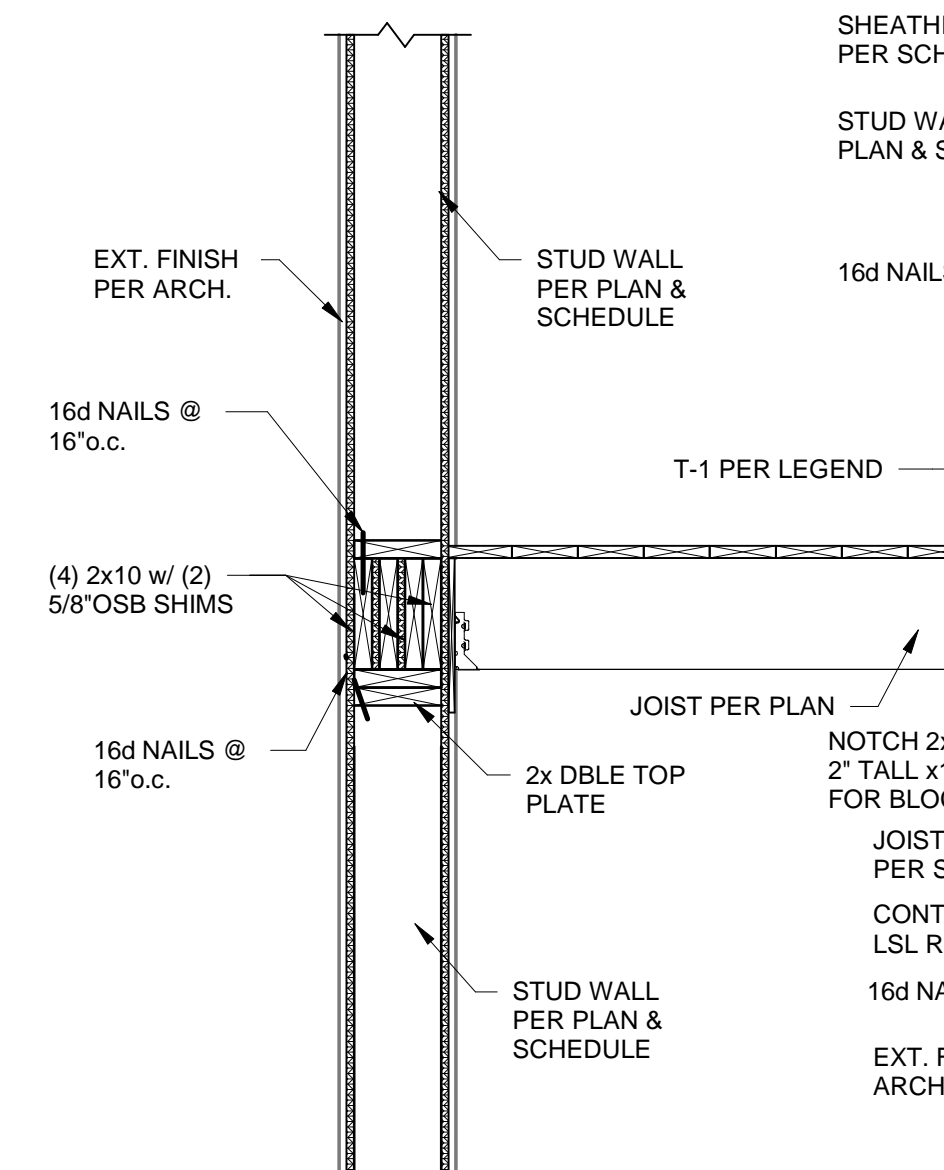
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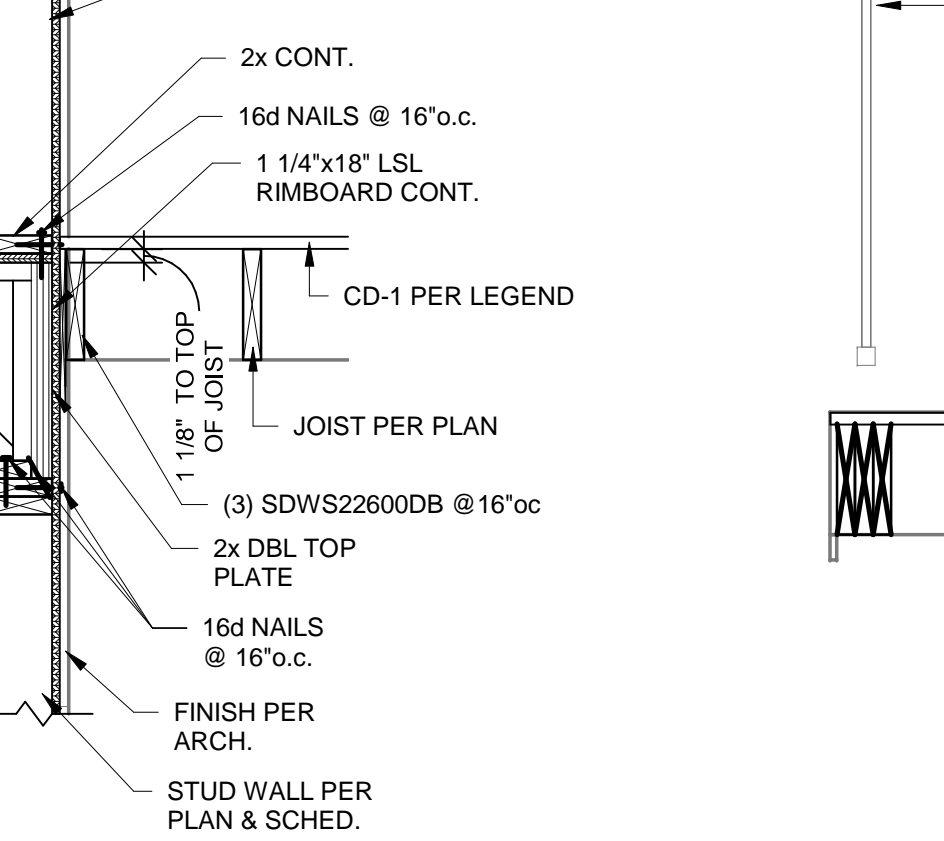
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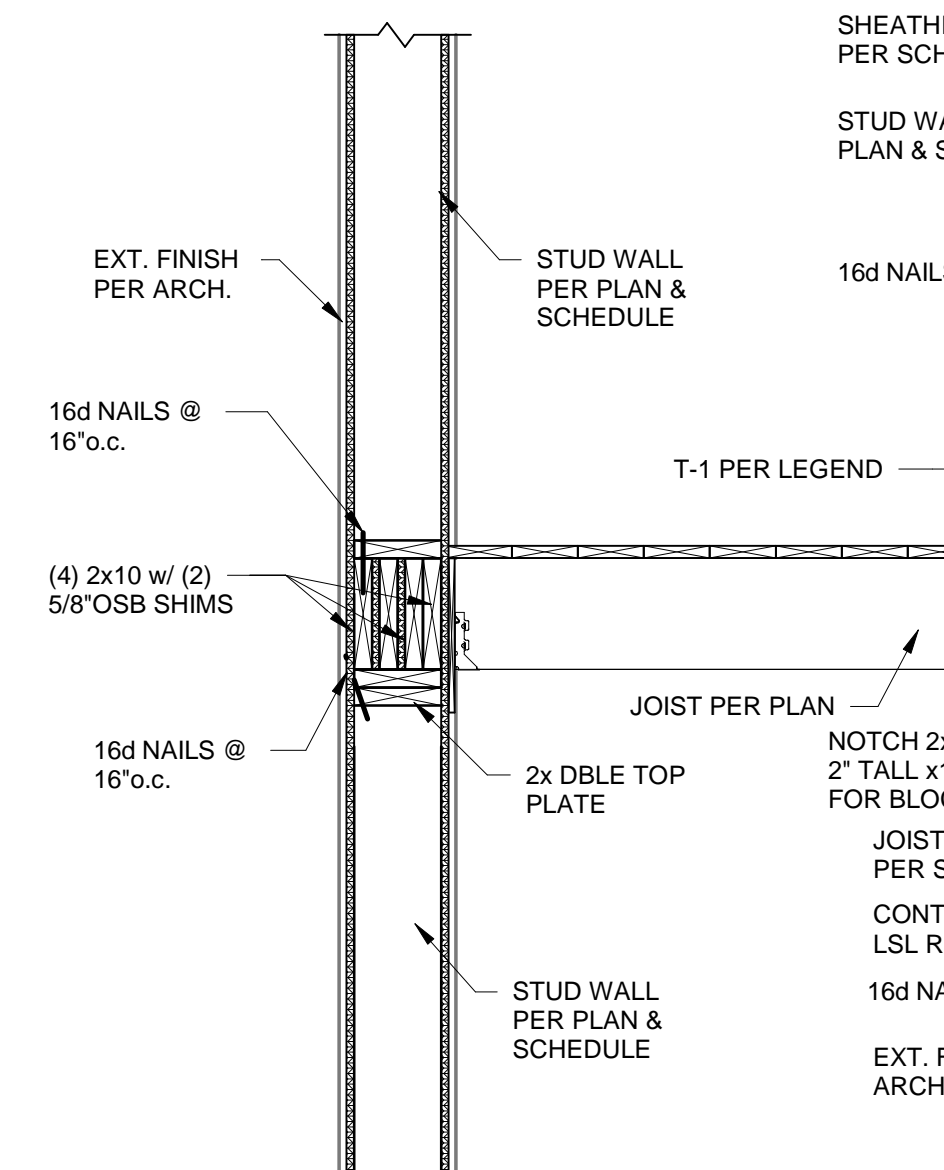
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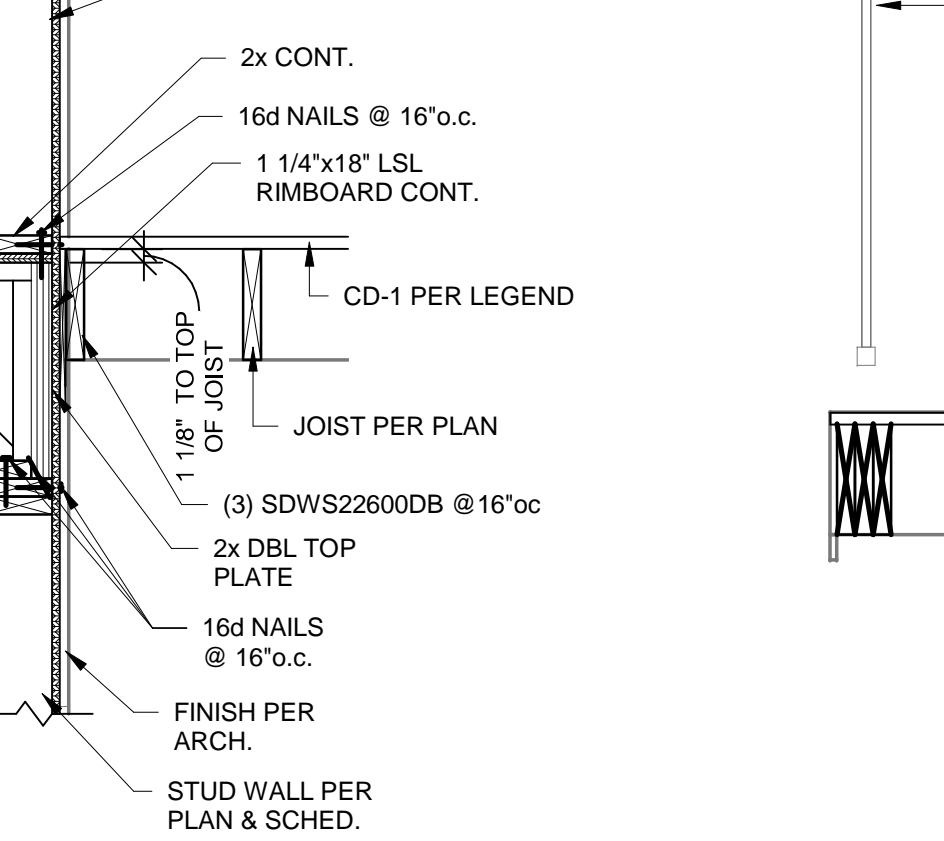
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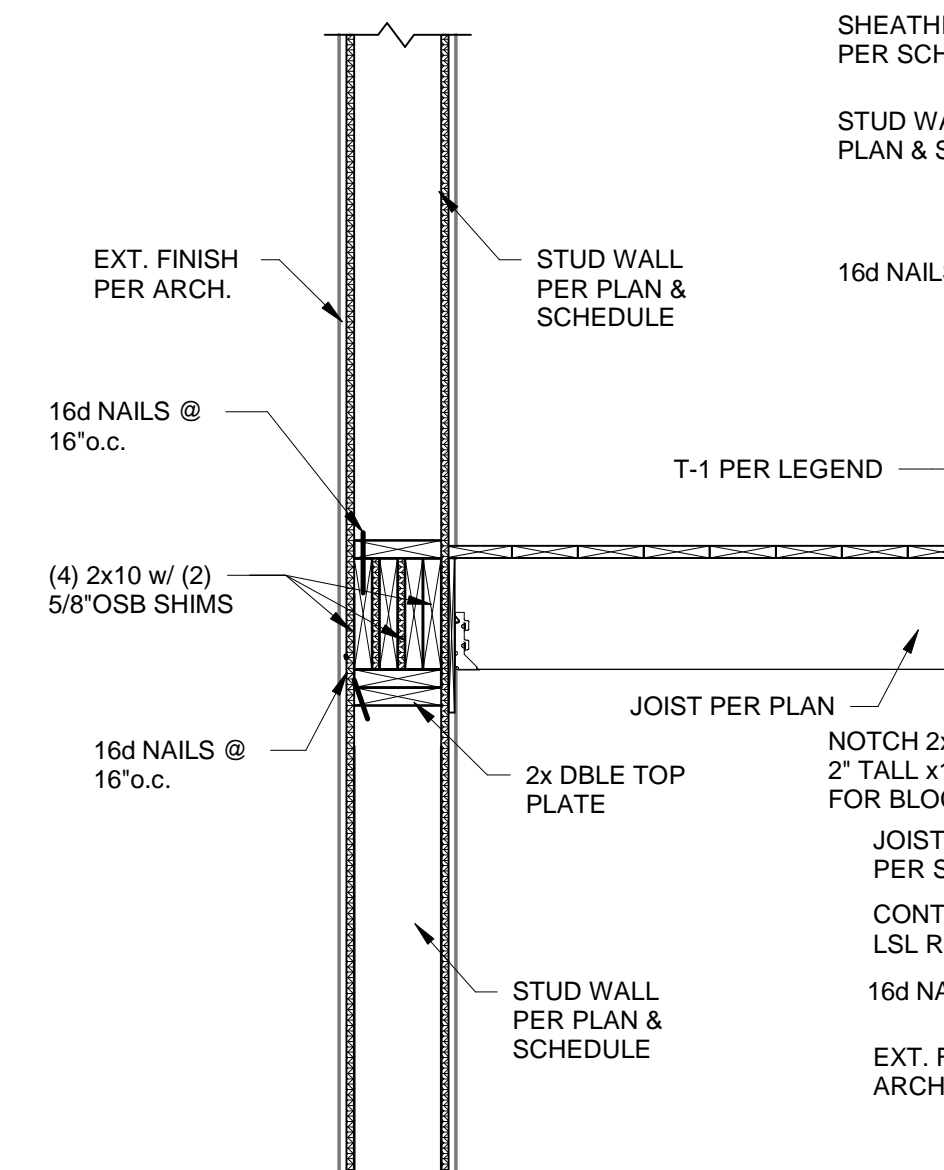
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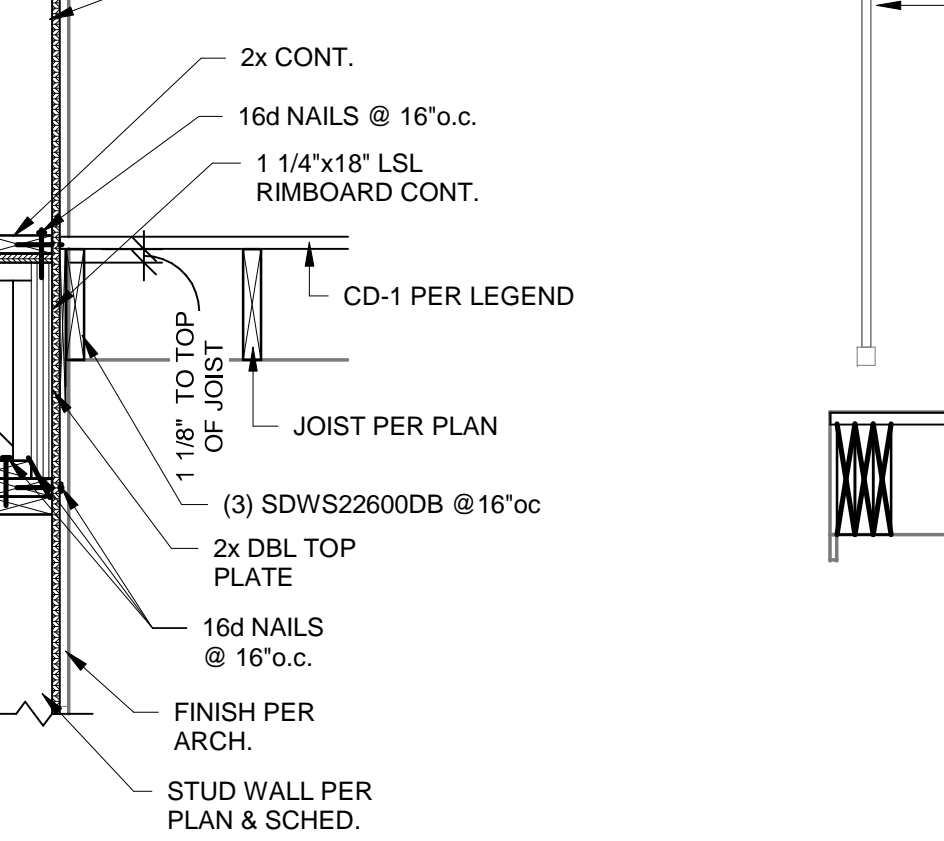
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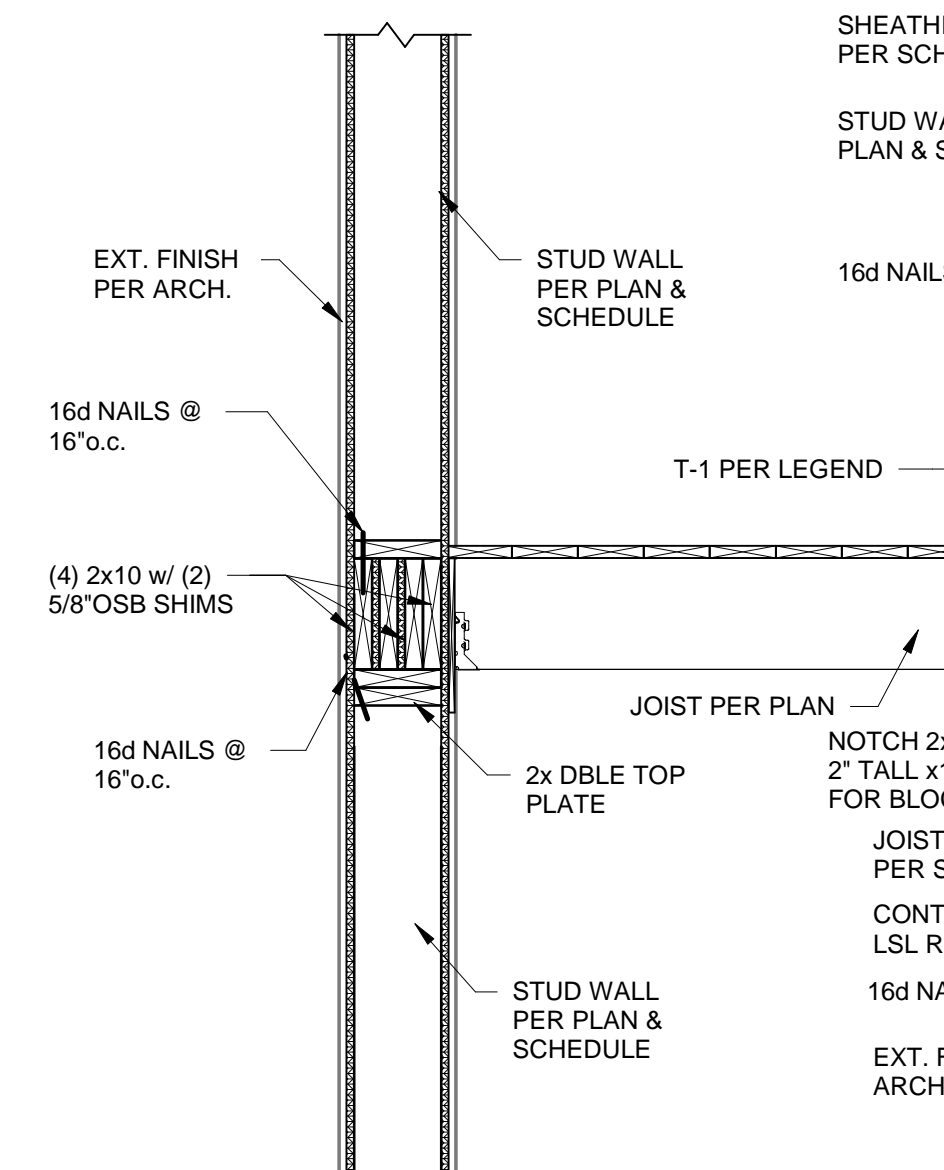
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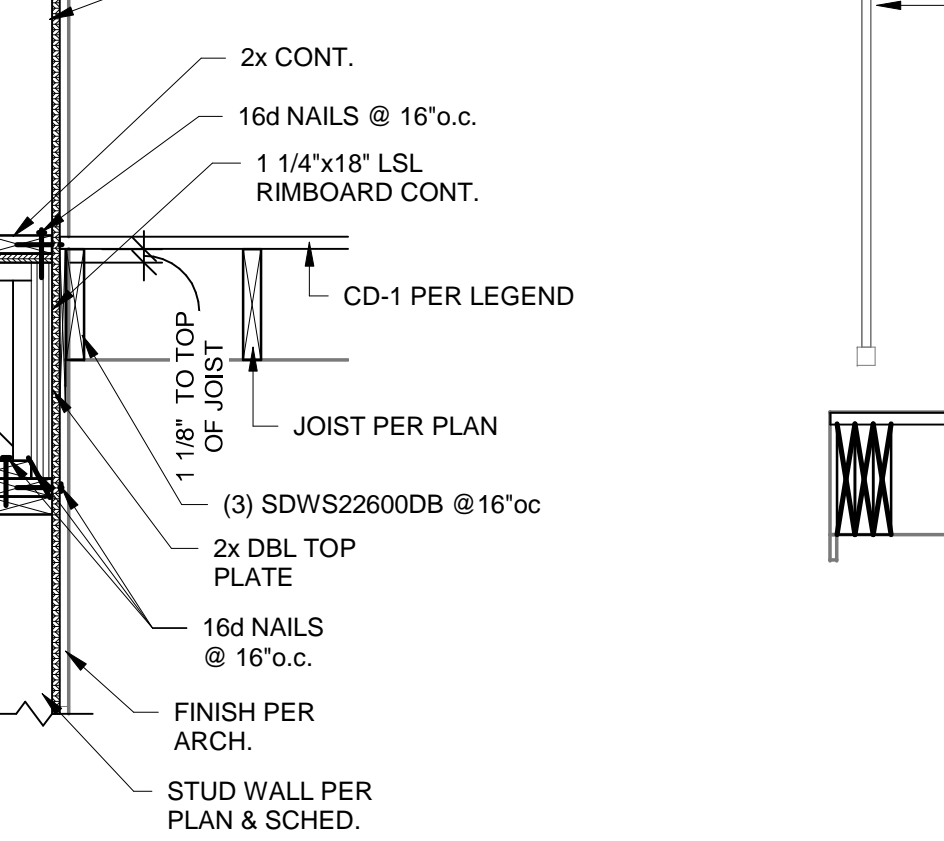
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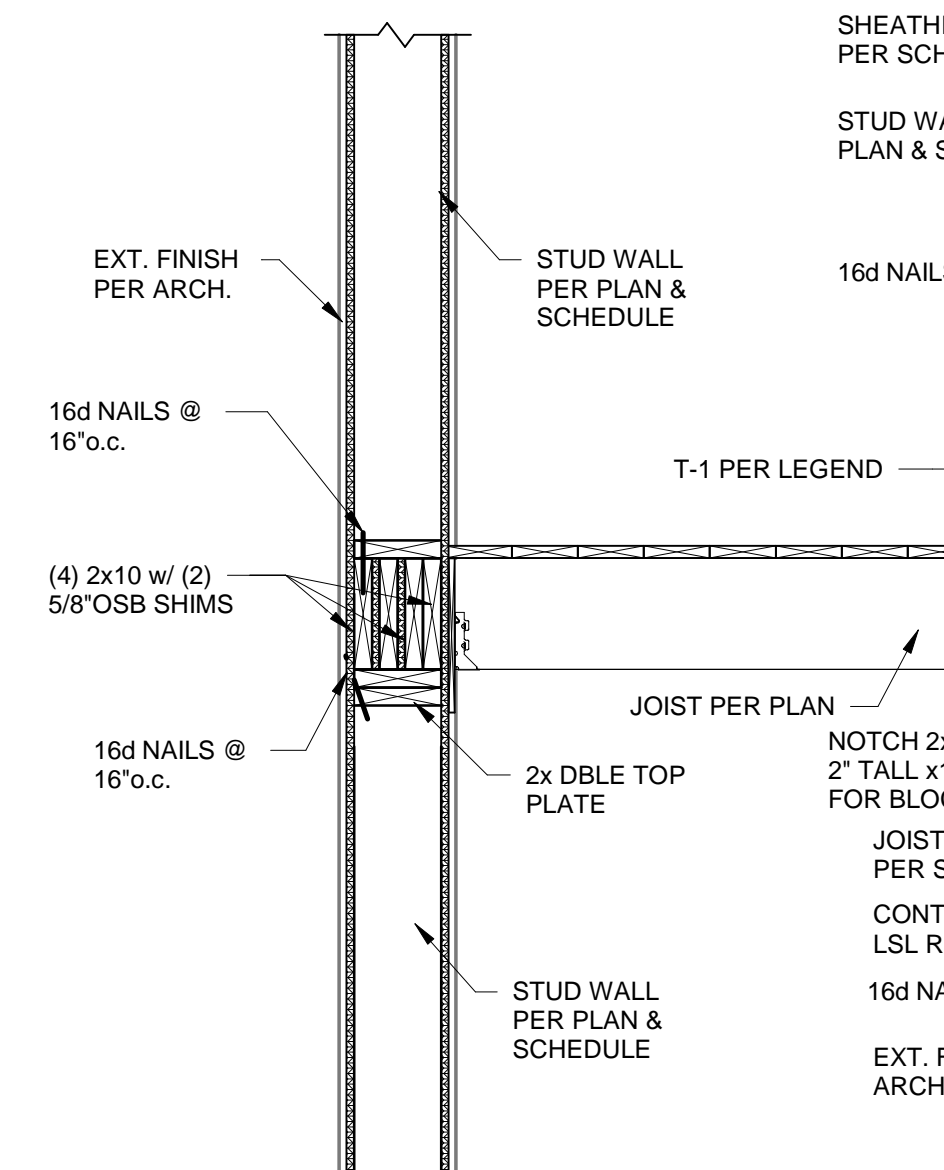
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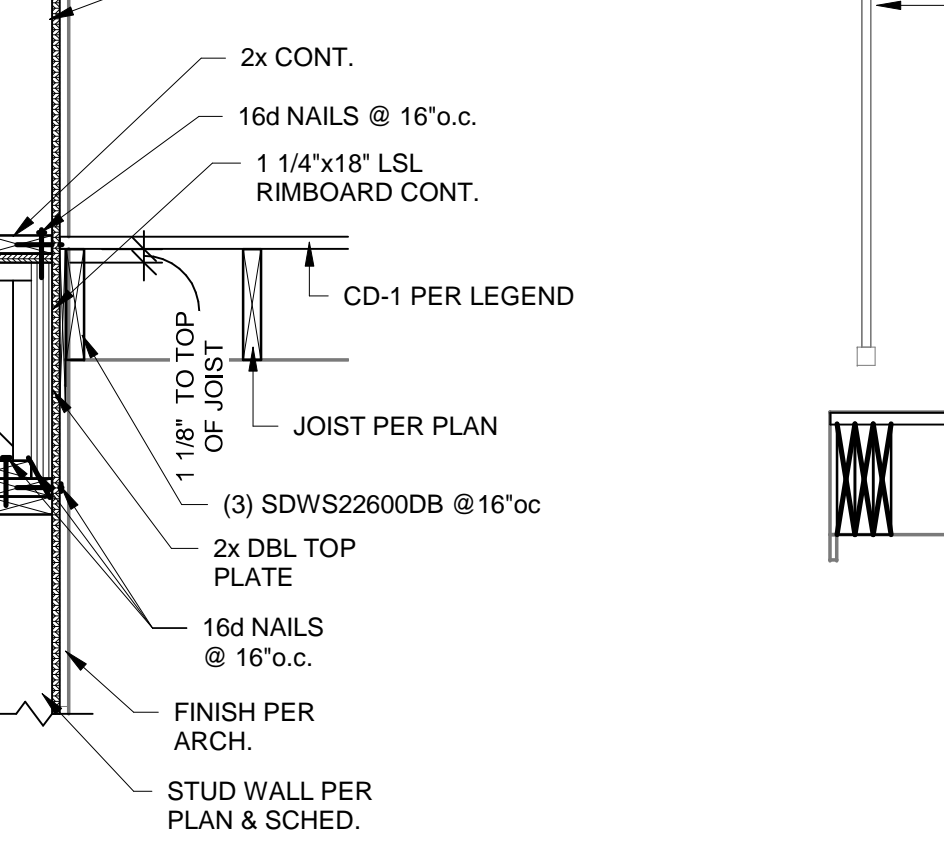
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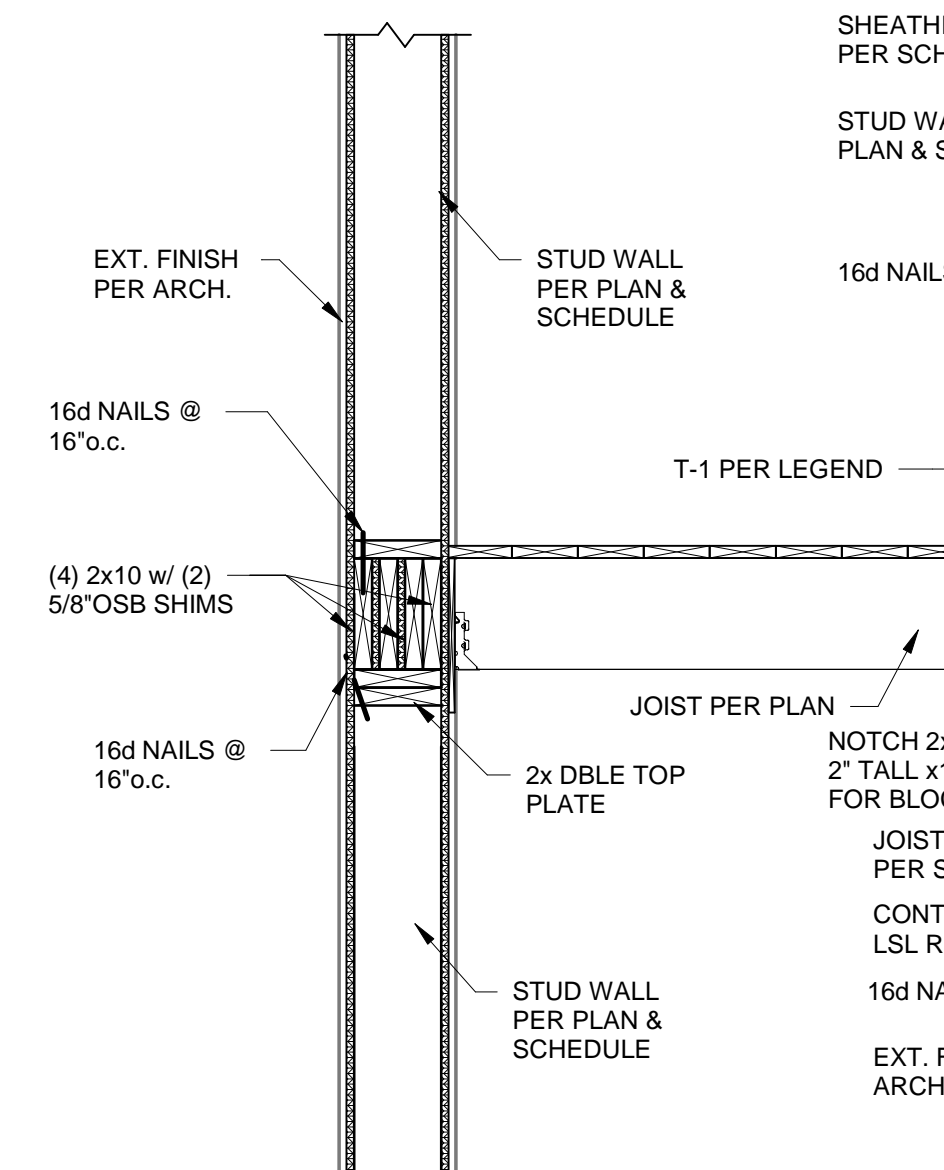
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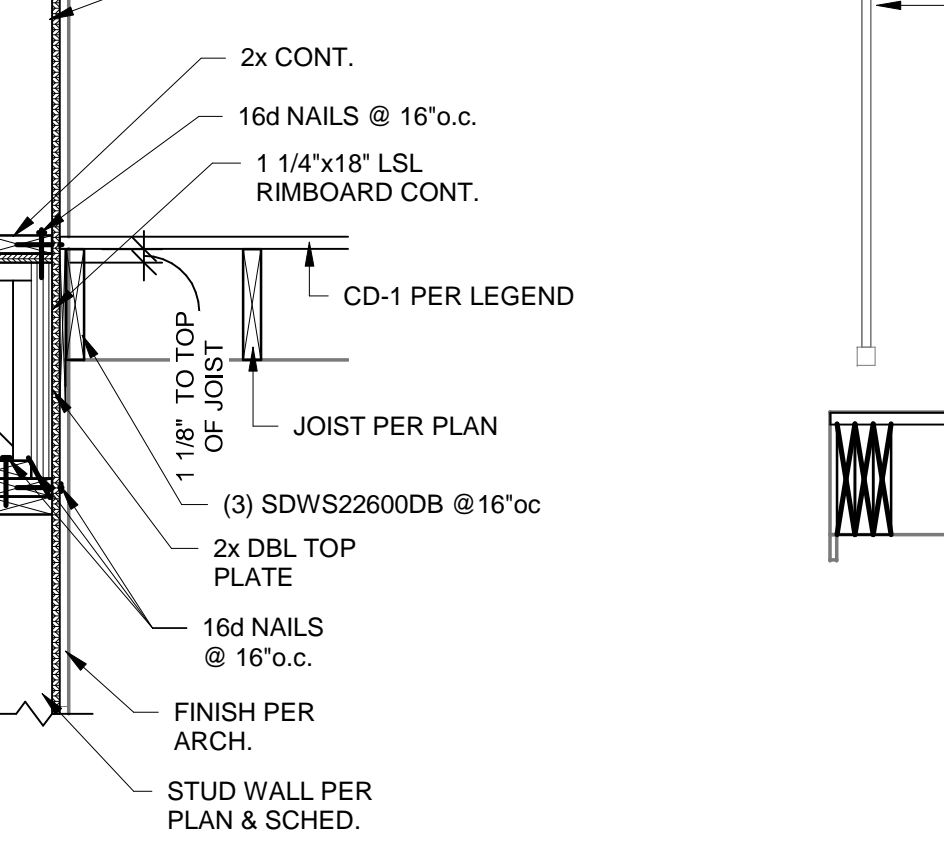
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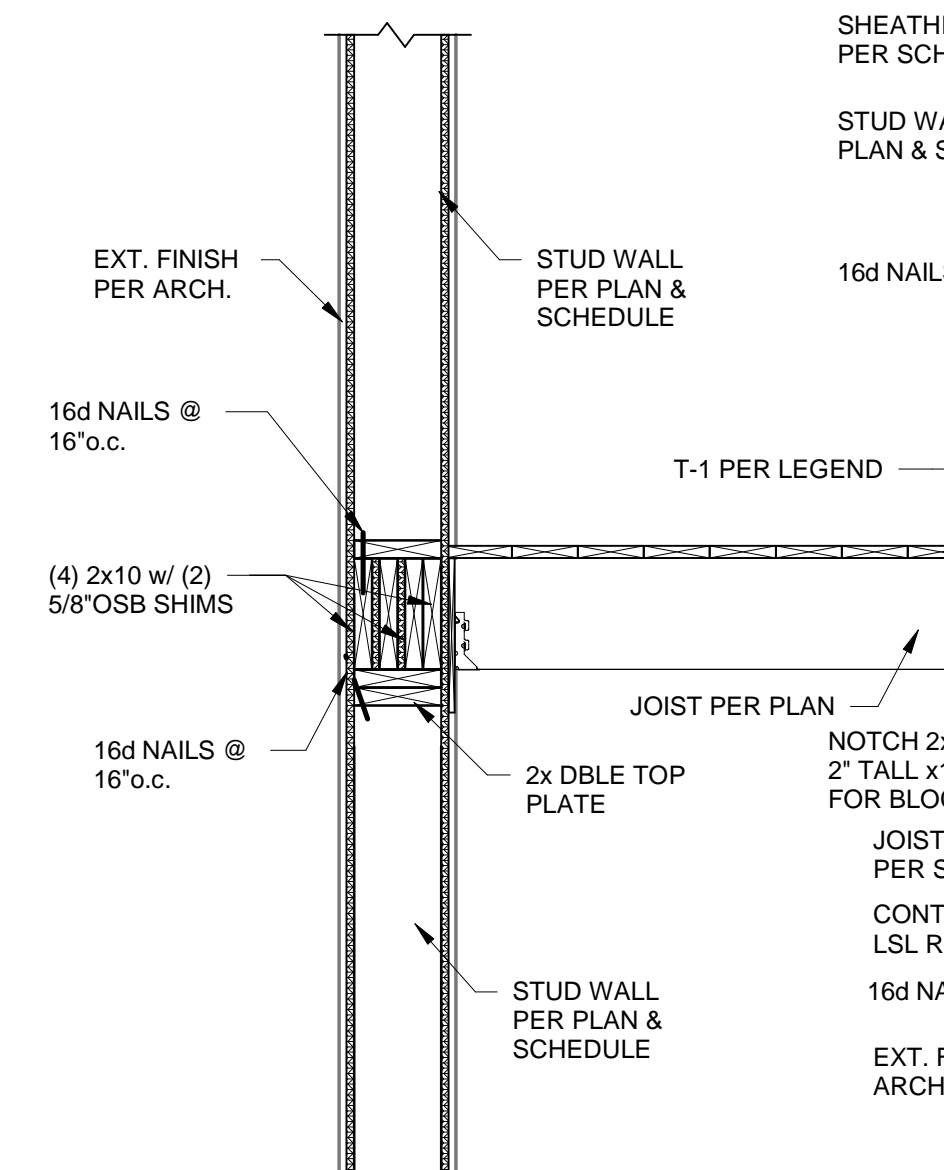
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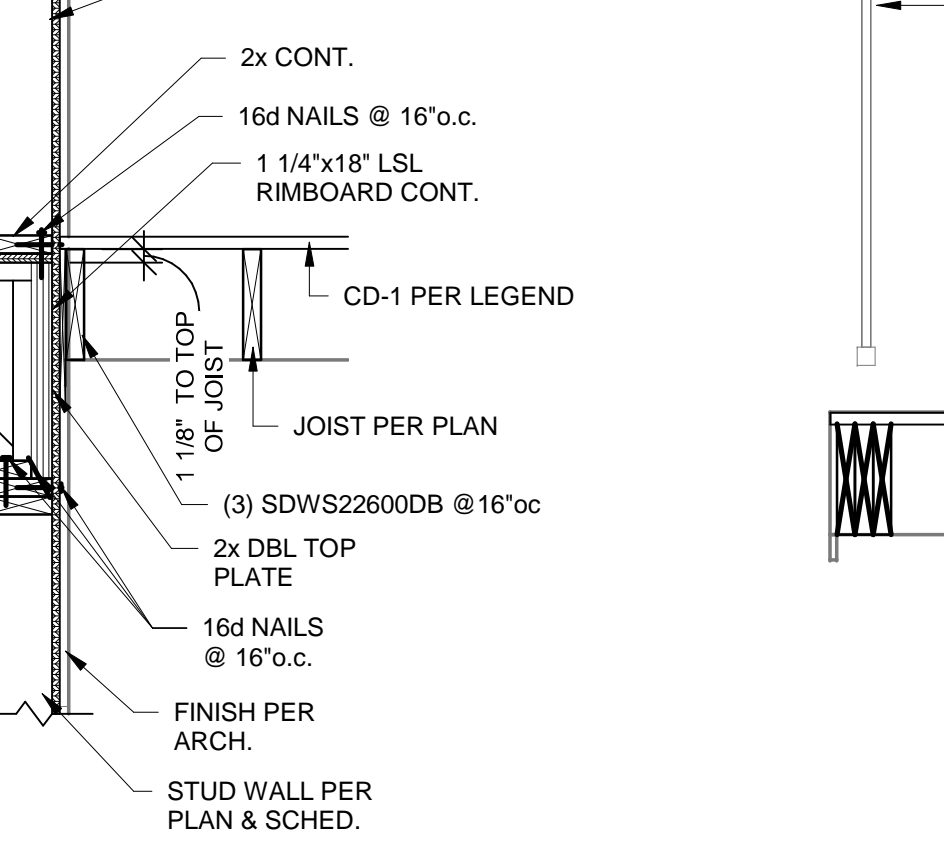
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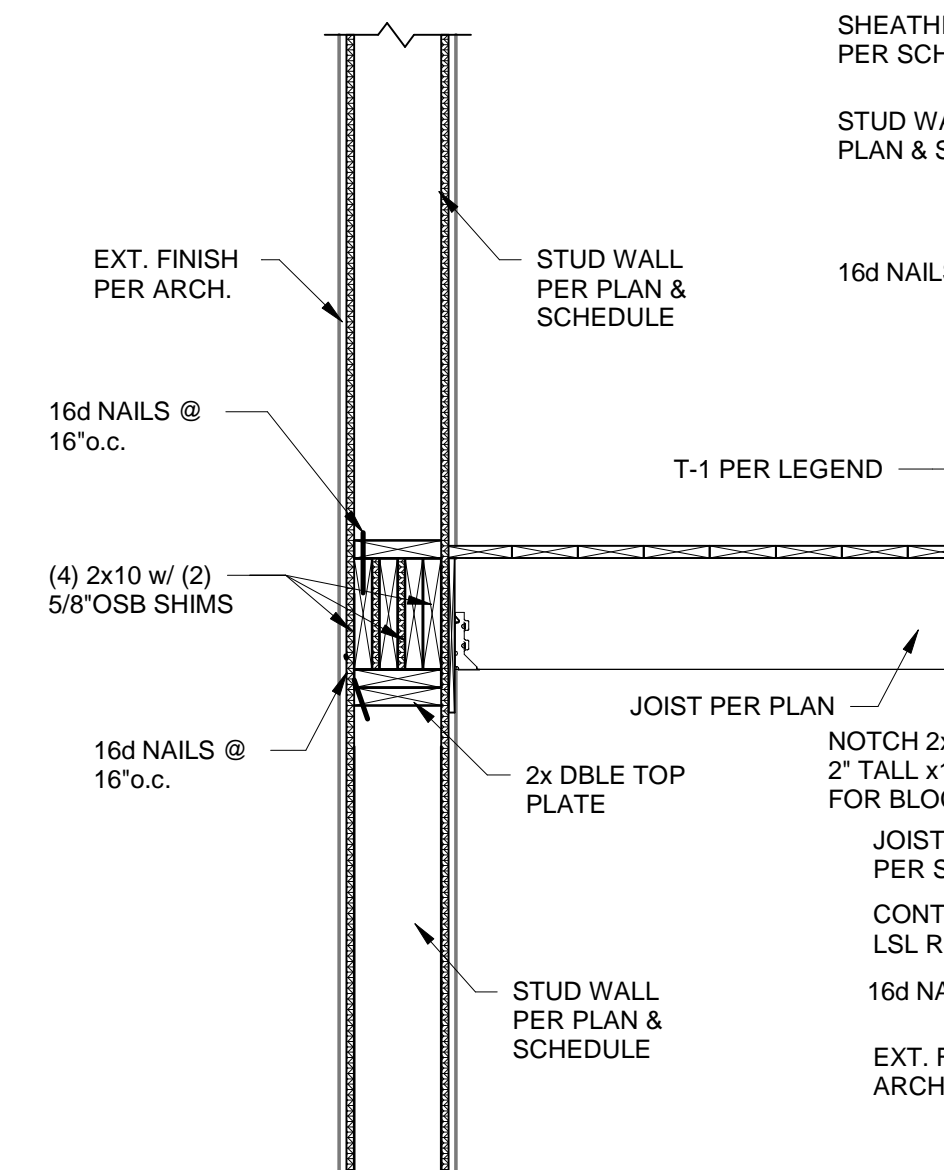
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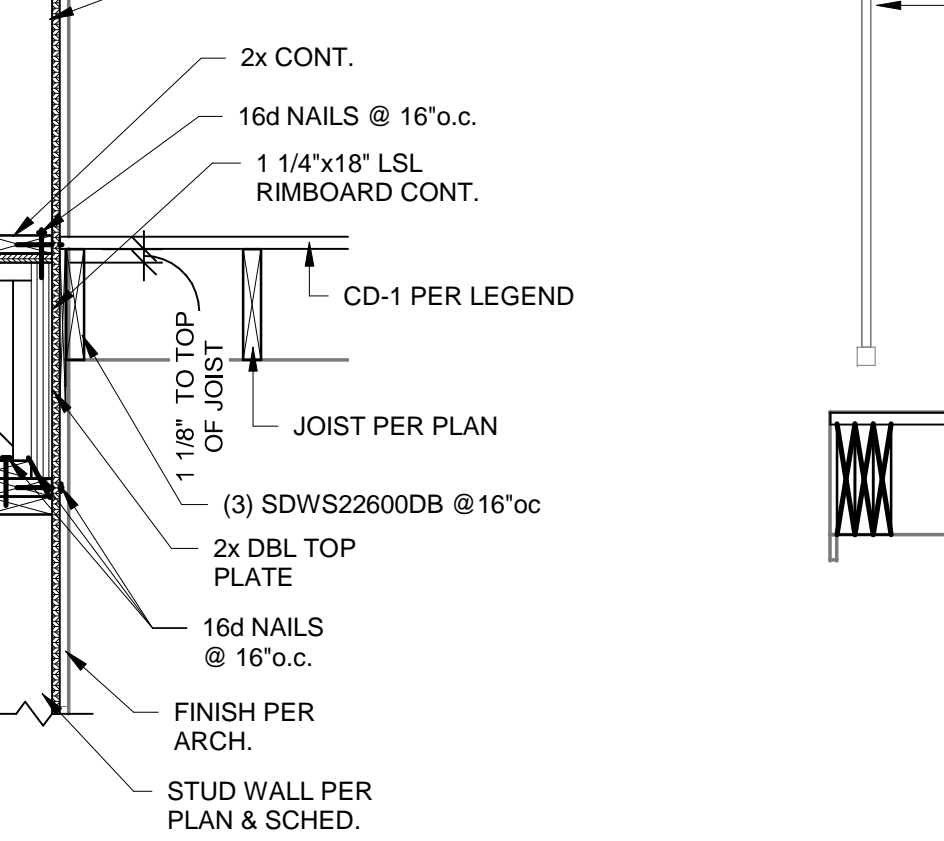
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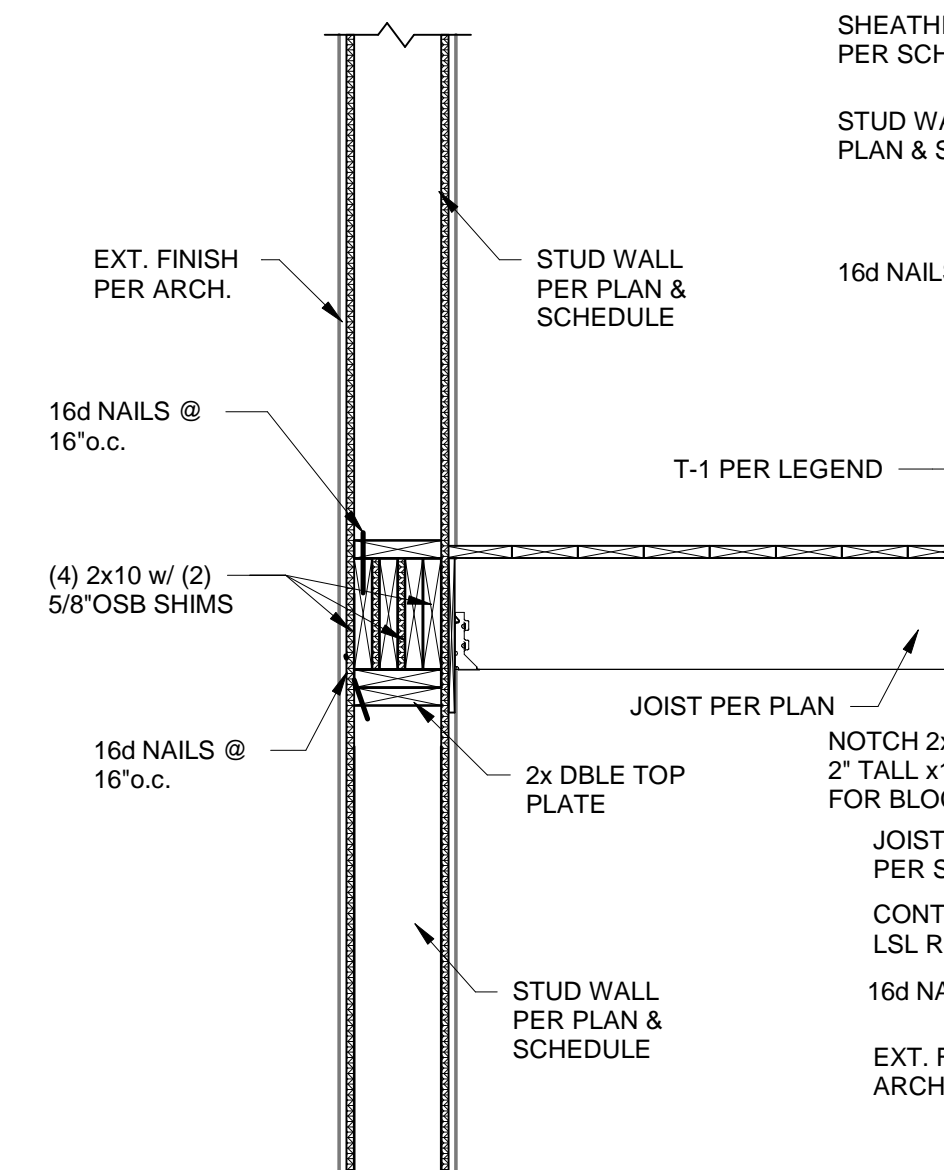
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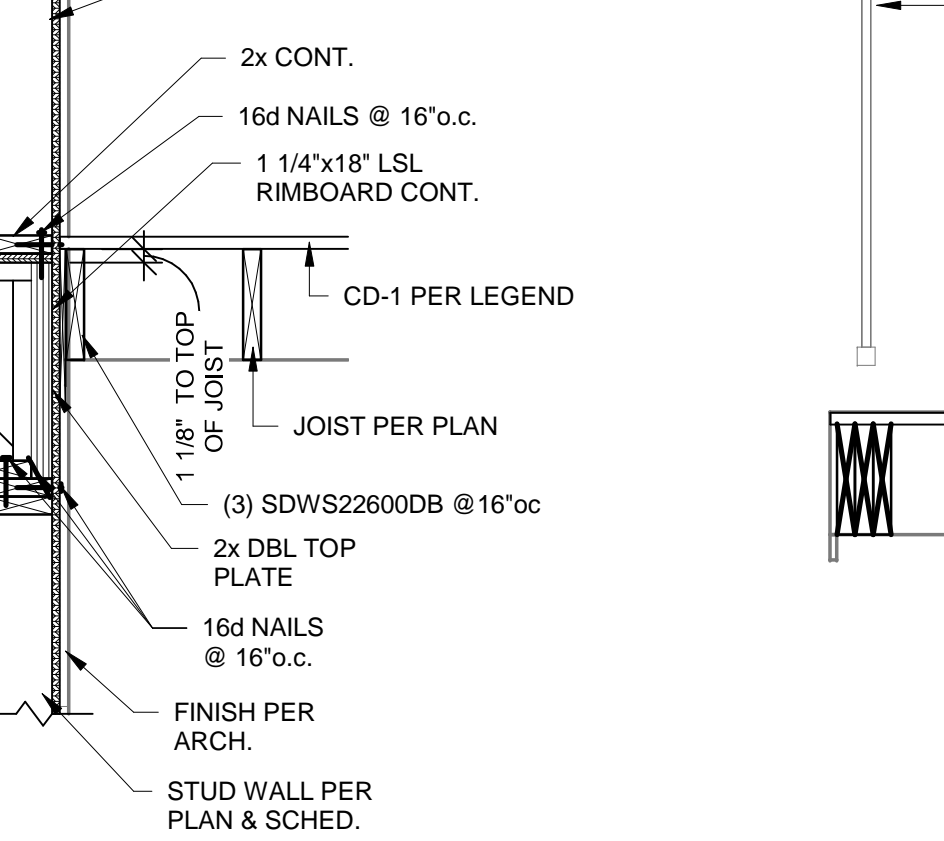
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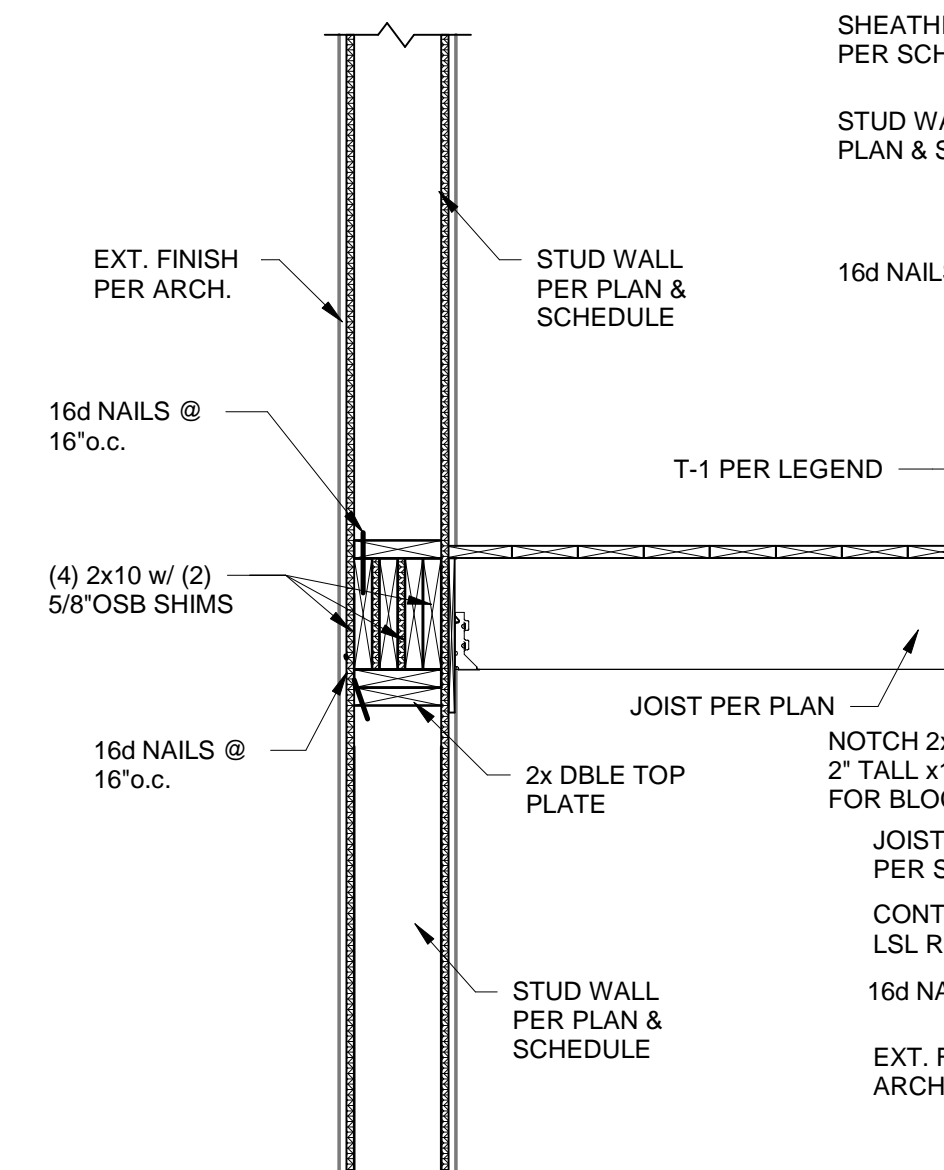
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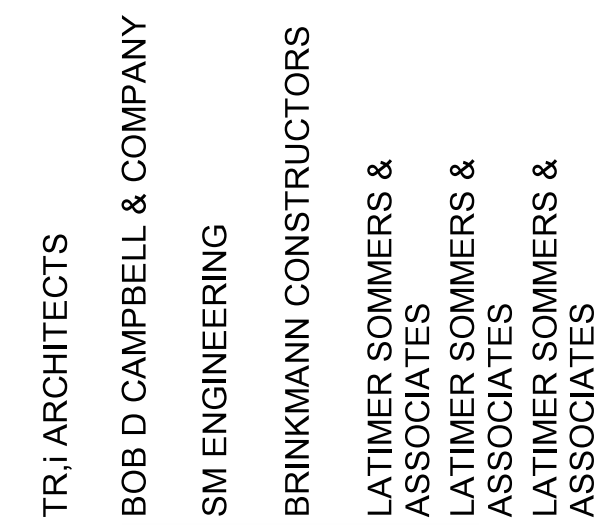
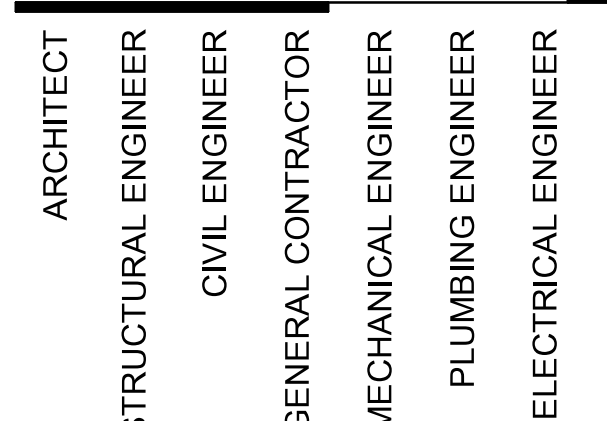
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3/4" = 1'-0"



15 SECTION
3/4" = 1'-0"



12 SECTION
3/4" = 1'-0"



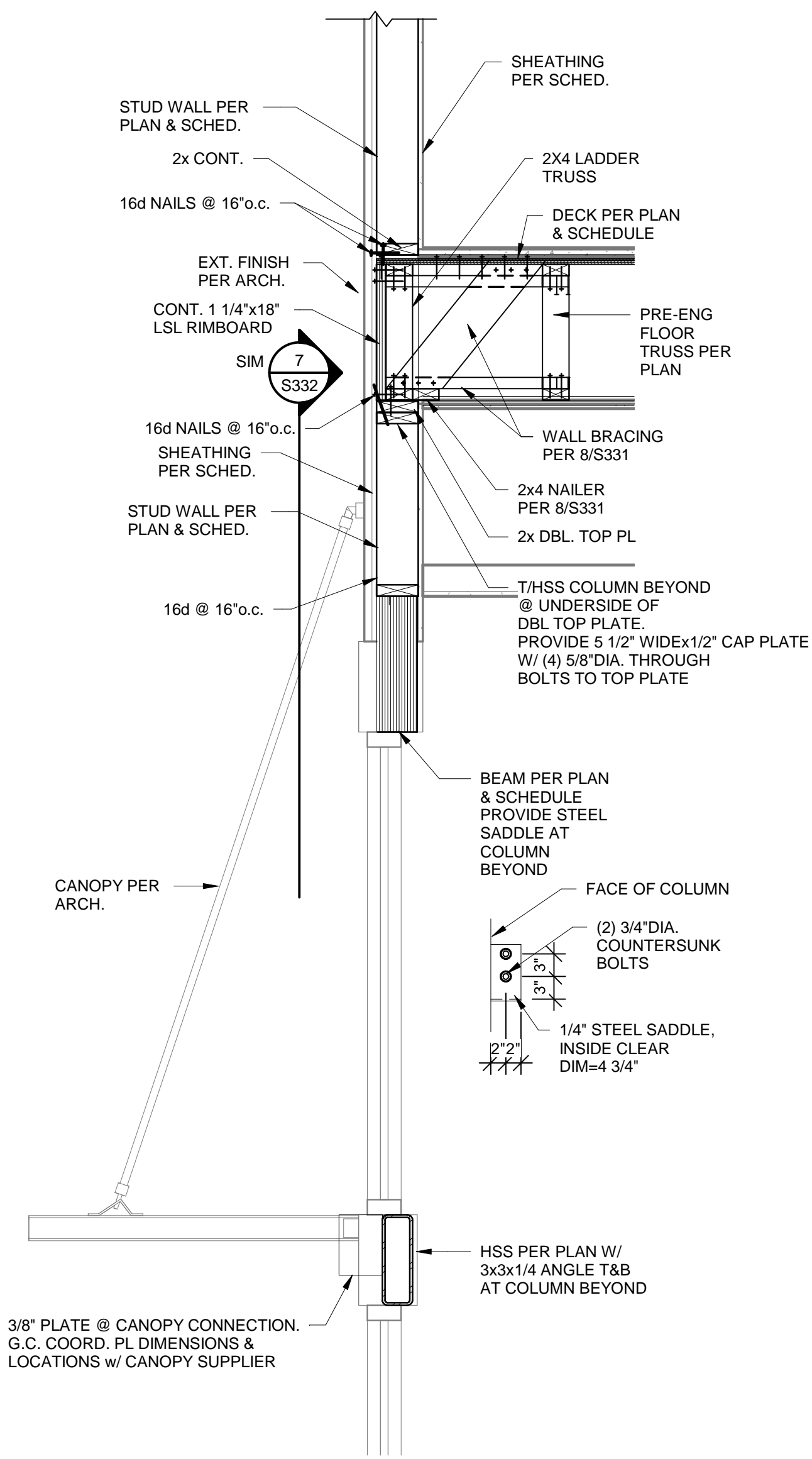
2100 AND 2150 NW LOWENSTEIN DR.
LEE'S SUMMIT, MISSOURI 64081

REVISIONS

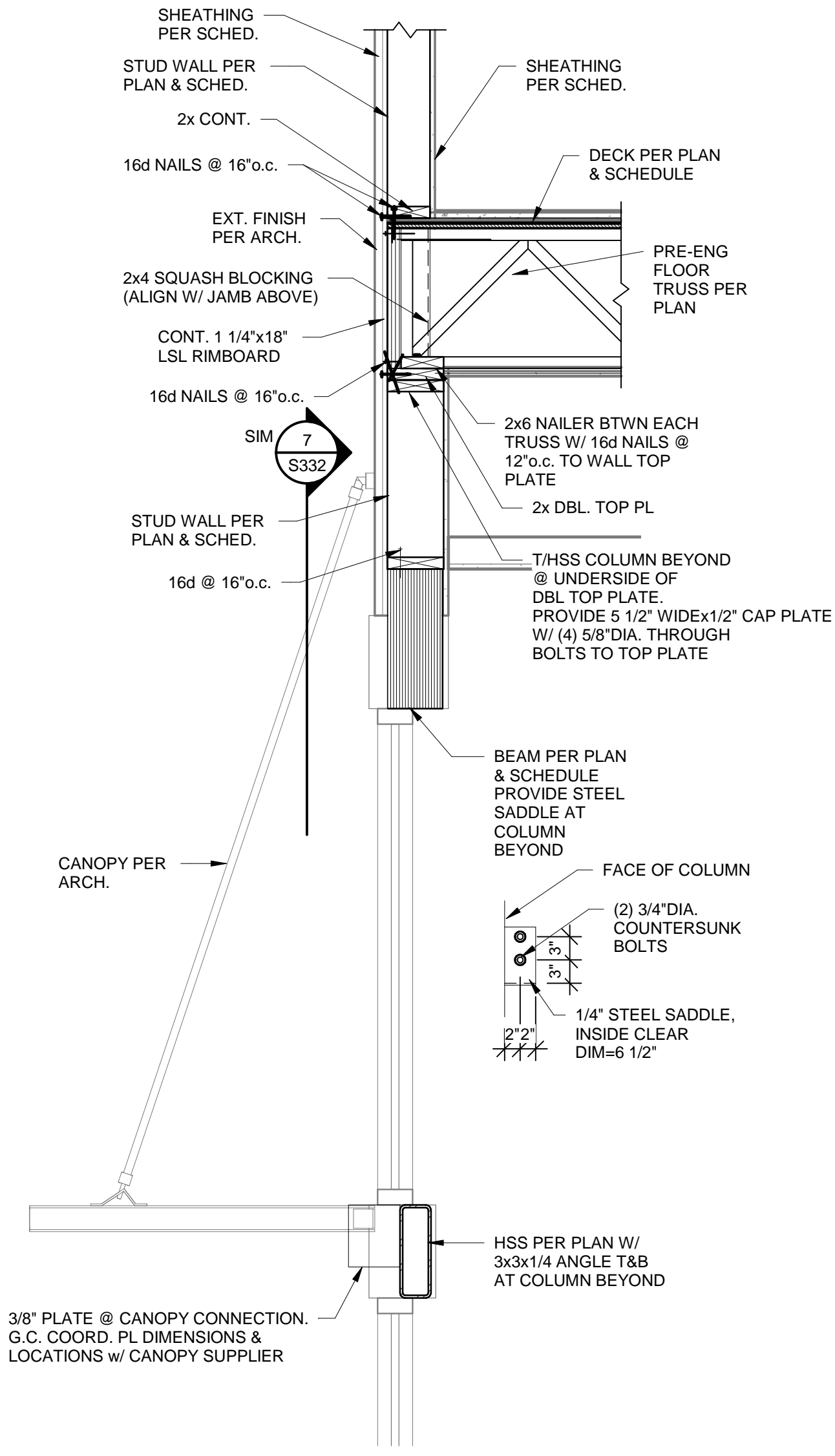
DWG BT	CD
ERLEBUNGSGANG	22.03.14

SHEET NO.

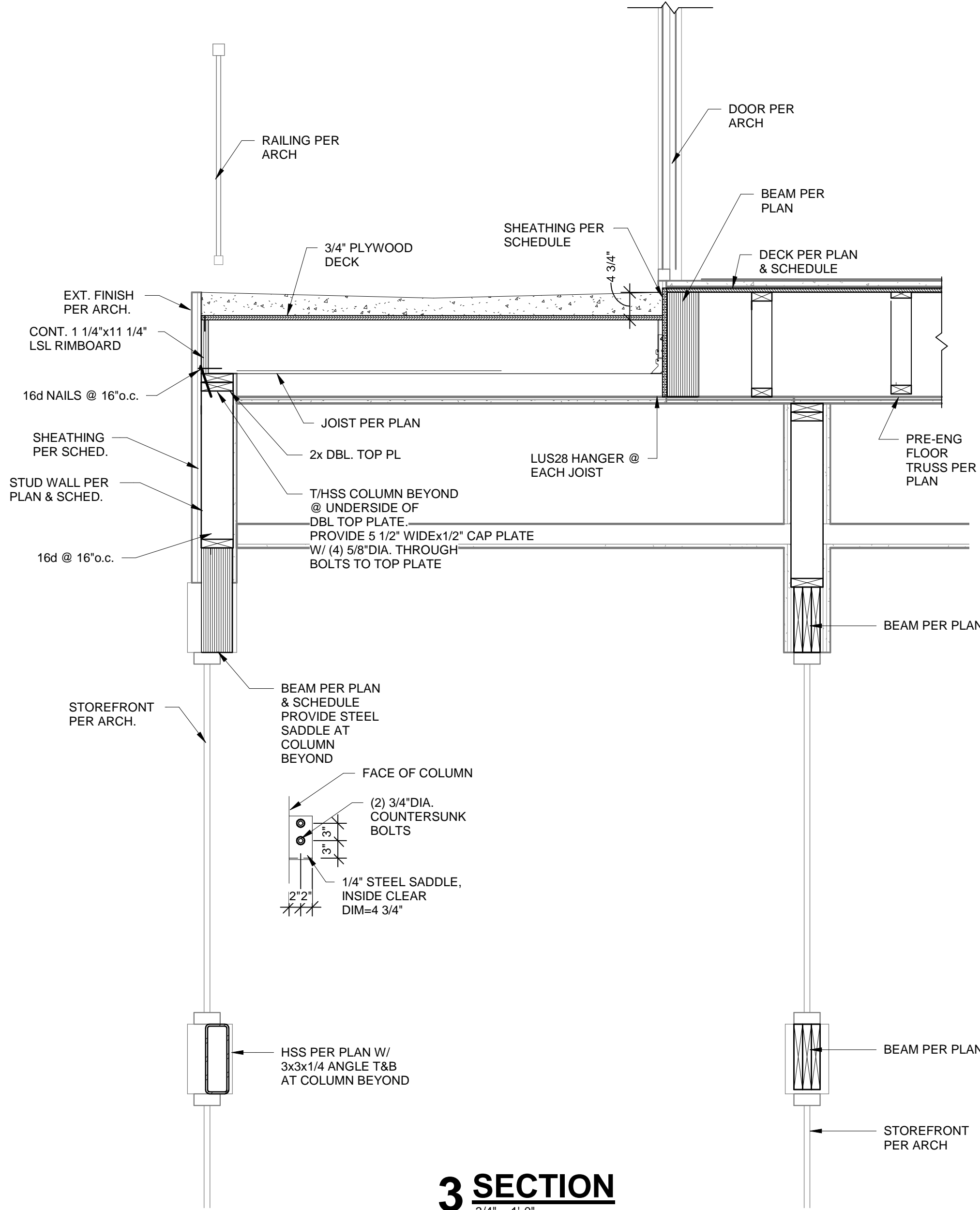
0552



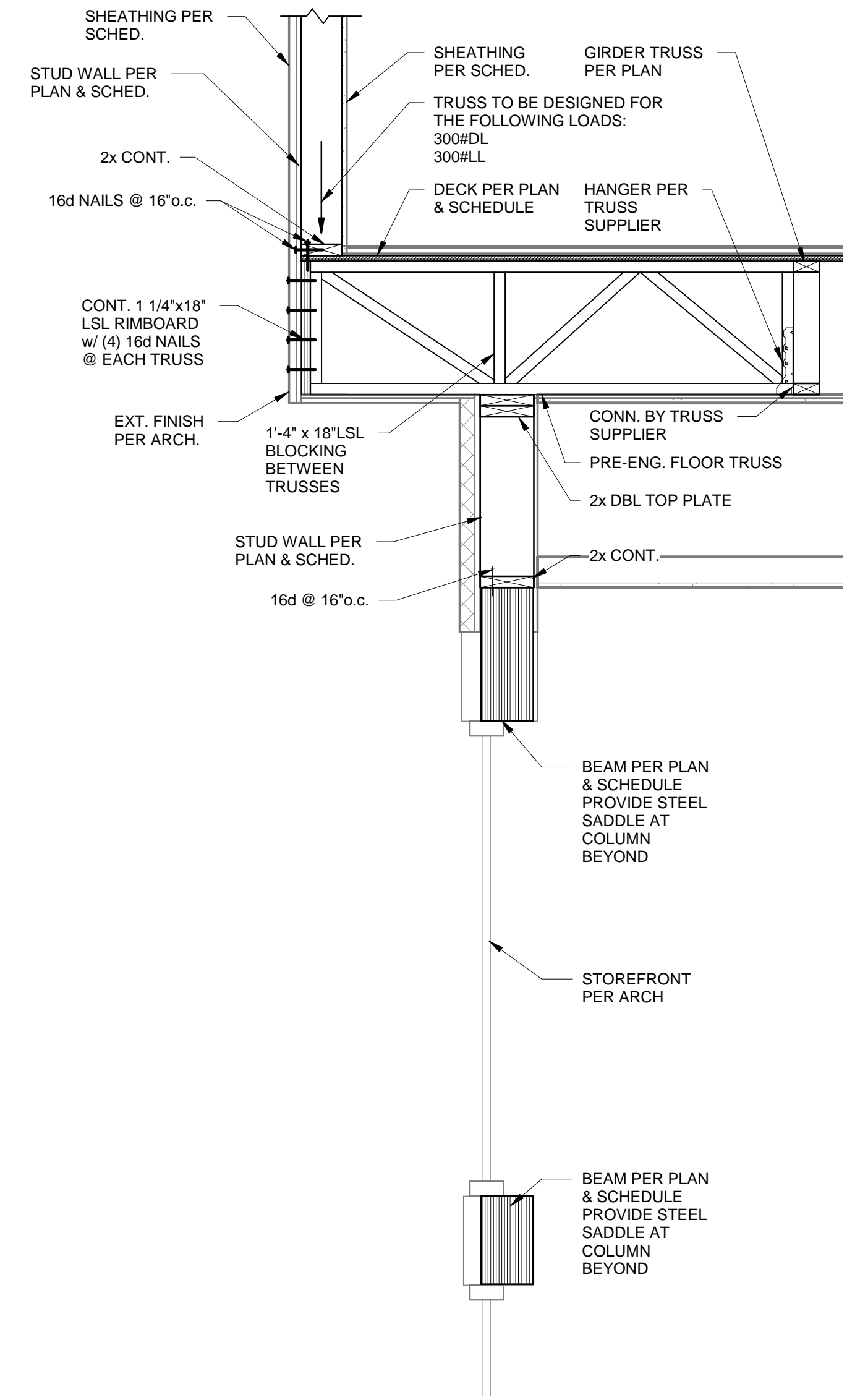
1 SECTION
3/4" = 1'-0"



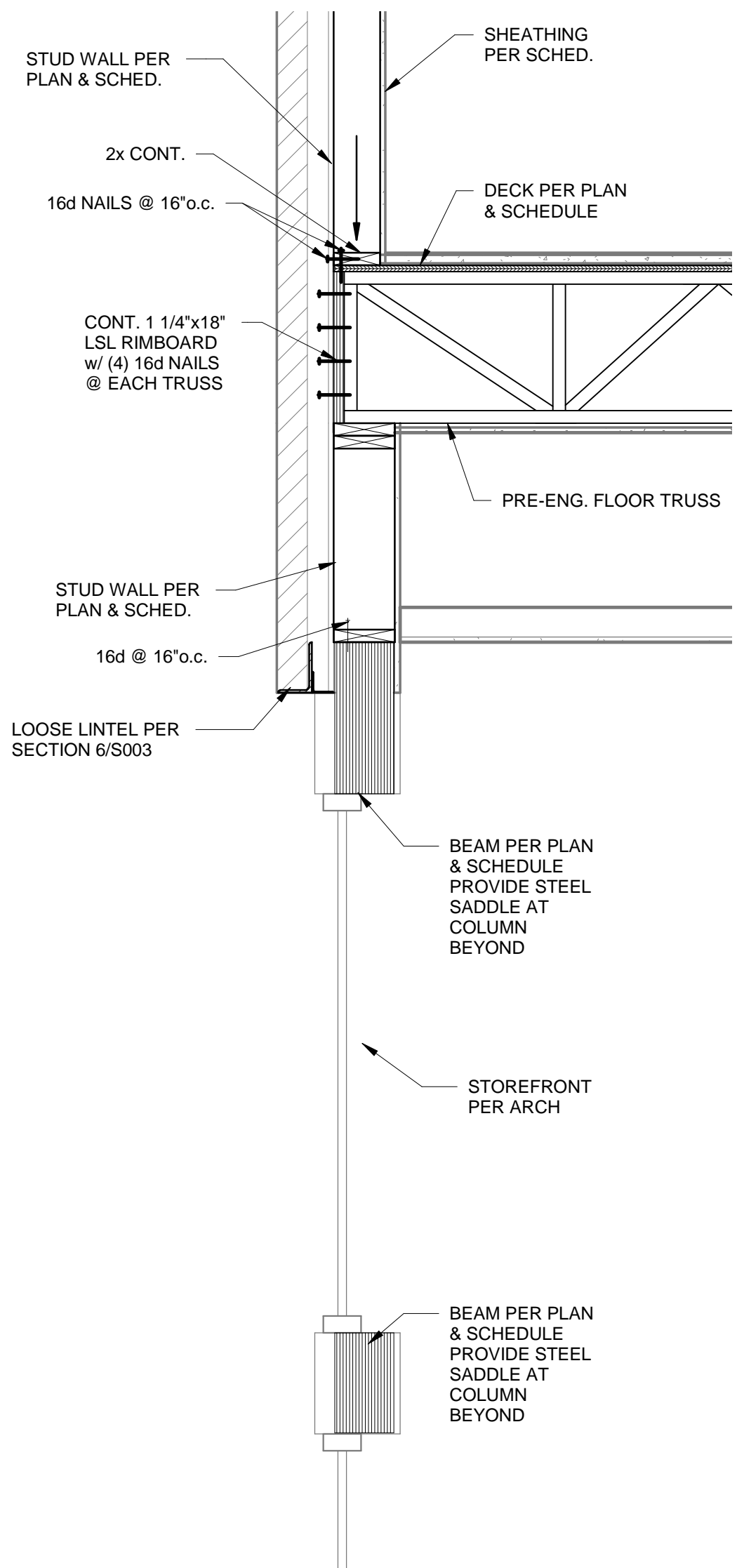
2 SECTION
3/4" = 1'-0"



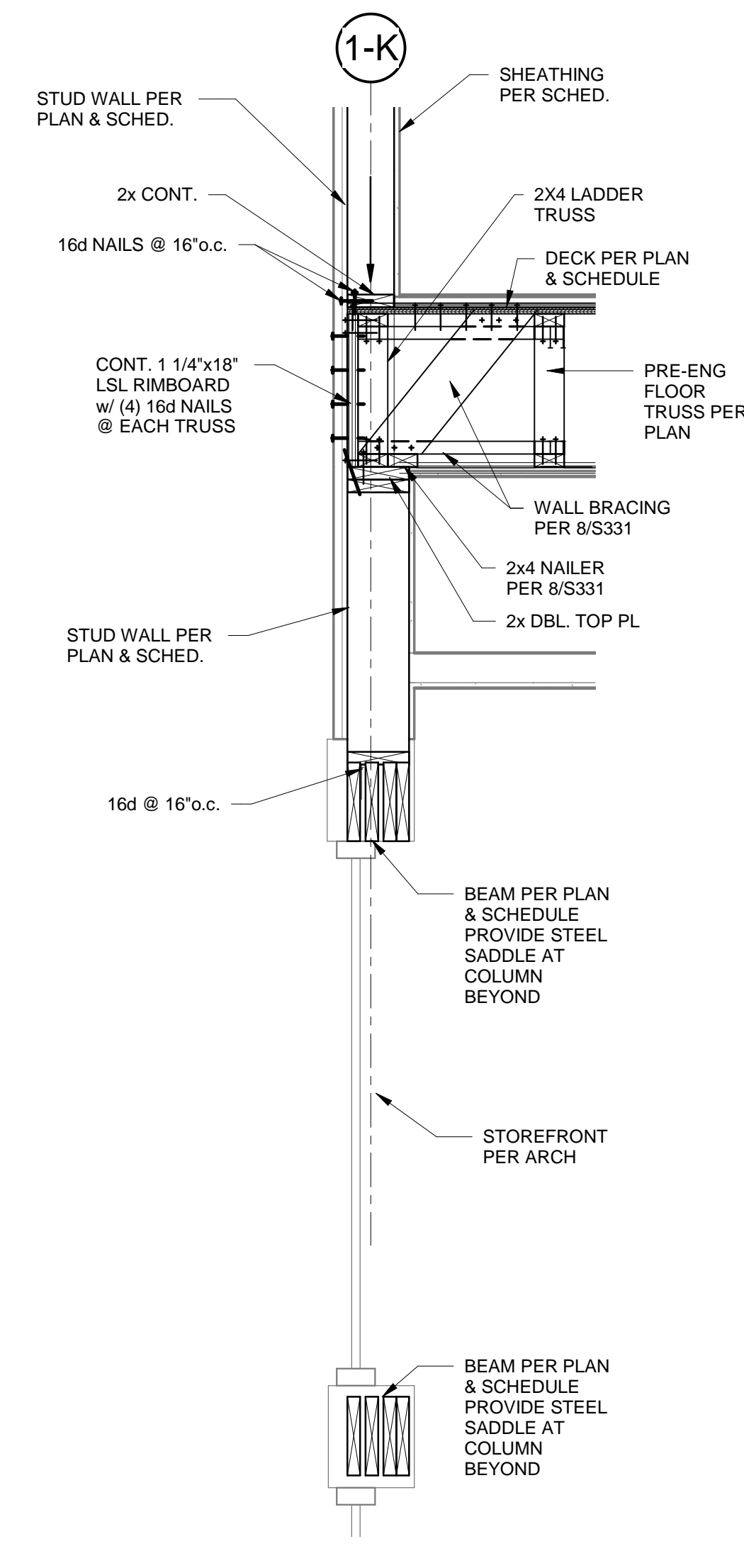
3 SECTION
3/4" = 1'-0"



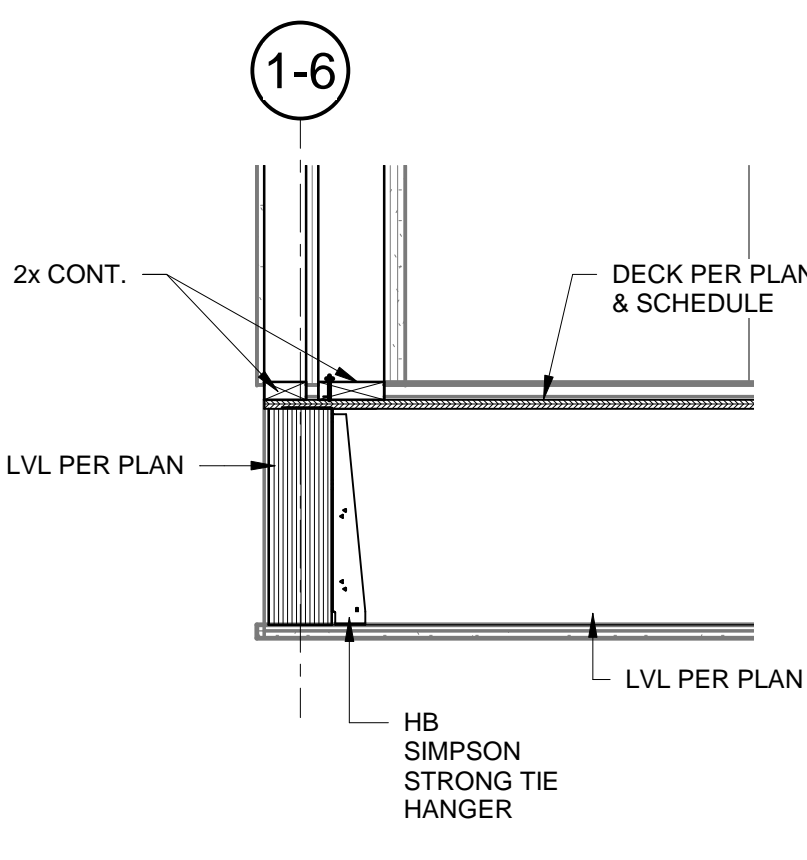
4 SECTION
3/4" = 1'-0"



5 SECTION
3/4" = 1'-0"



6 SECTION
3/4" = 1'-0"



7 SECTION
3/4" = 1'-0"

WEST OF MISSOURI
ARCHITECTS
15-2010026830
REGISTERED PROFESSIONAL ENGINEER

ARCHITECT: BOB D CAMPBELL & COMPANY
STRUCTURAL ENGINEER: SM ENGINEERING
CIVIL ENGINEER: BRINKMANN CONSTRUCTORS
GENERAL CONTRACTOR: LATIMER SOMMERS & ASSOCIATES
MECHANICAL ENGINEER: LATIMER SOMMERS & ASSOCIATES
PLUMBING ENGINEER: LATIMER SOMMERS & ASSOCIATES
ELECTRICAL ENGINEER: LATIMER SOMMERS & ASSOCIATES

Tegeth
DEVELOPMENT

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DATE: 7.15.2021

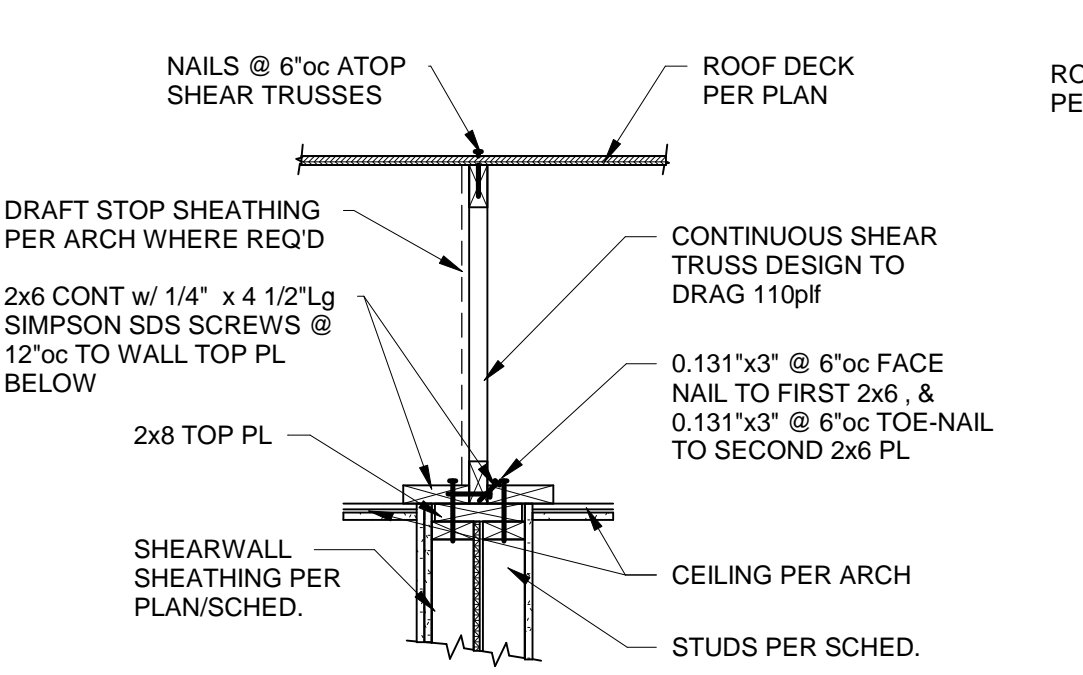
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TR,i PROJECT NO.: 20-001

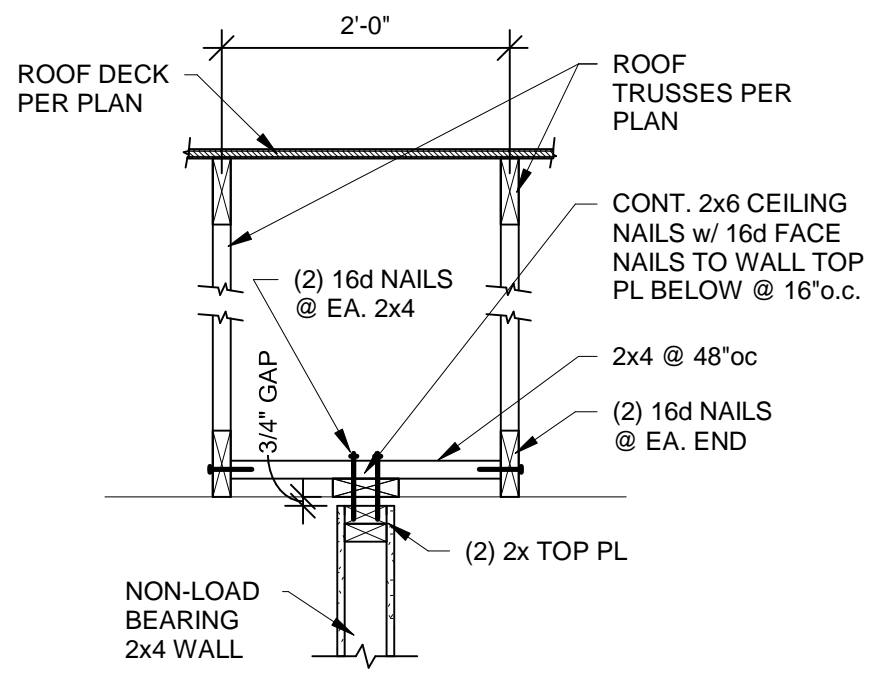
SHEET NO.

S333
WOOD FLOOR FRAMING SECTIONS



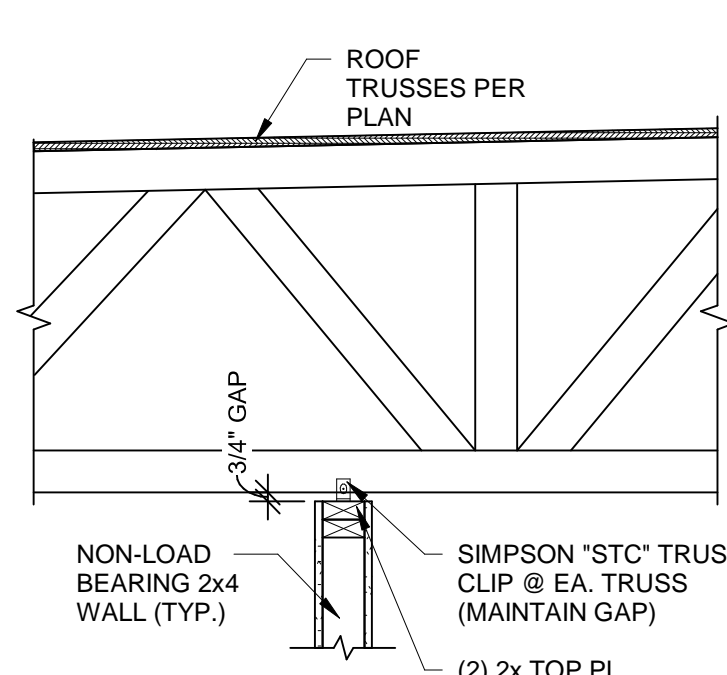
TYPICAL SHEAR TRUSS
ATOP SHEARWALL

1 SECTION
3/4" = 1'-0"



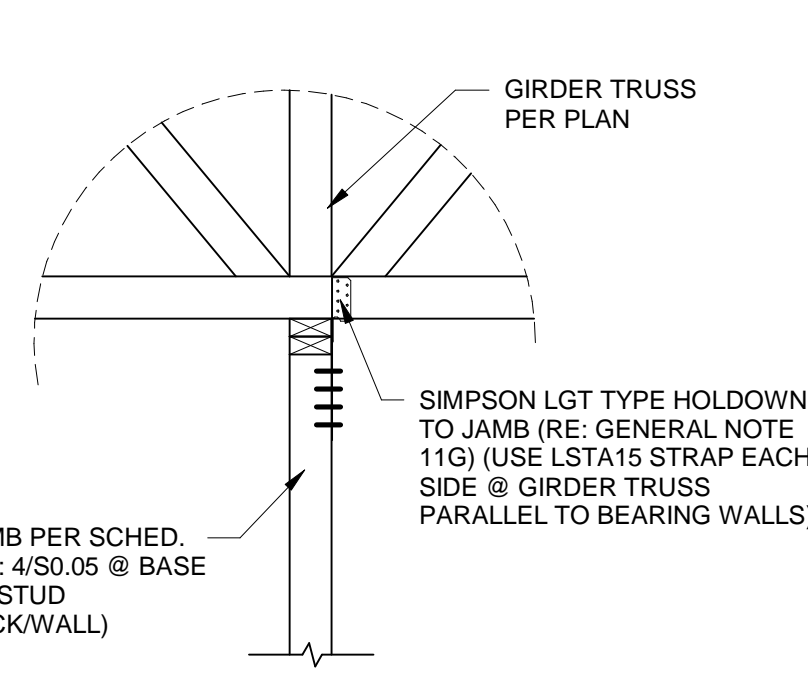
TYPICAL NON-LOAD BEARING
WALL/TRUSS AT ROOF

2 SECTION
3/4" = 1'-0"



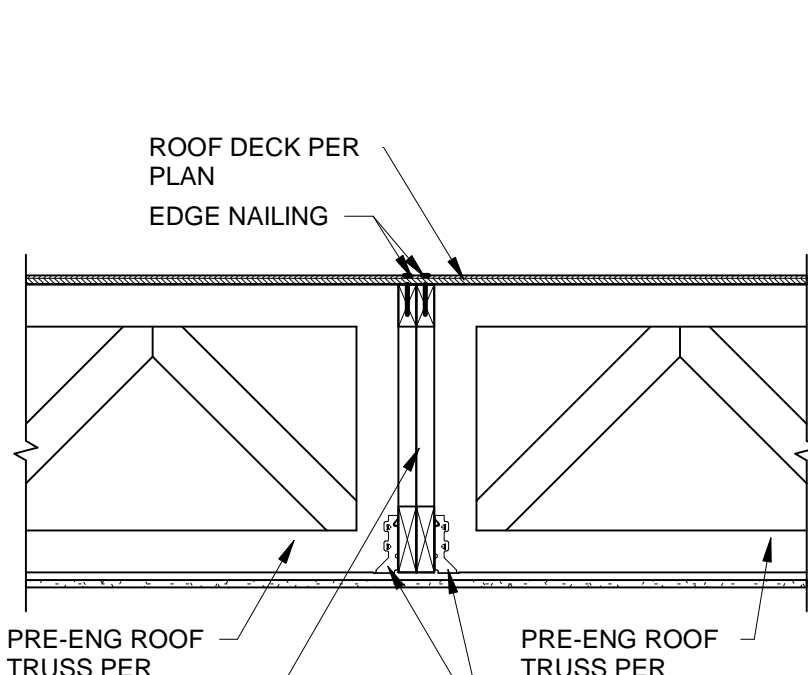
TYPICAL NON-LOAD BEARING
WALL/TRUSS AT ROOF

2A SECTION
3/4" = 1'-0"

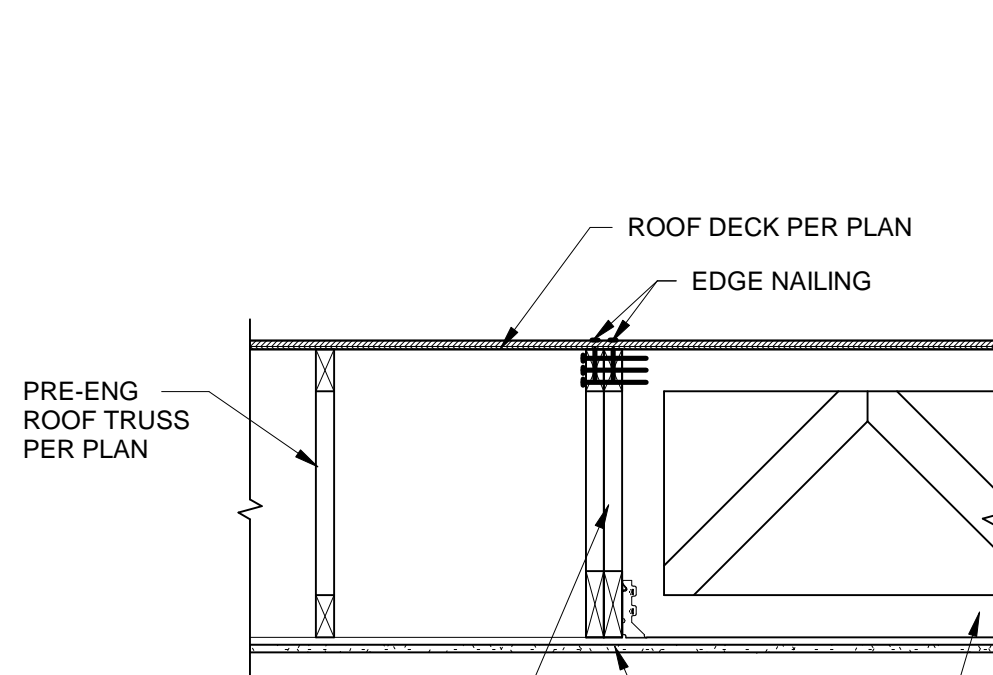


TYPICAL DETAIL AT ROOF
GIRDER TRUSS BEARING

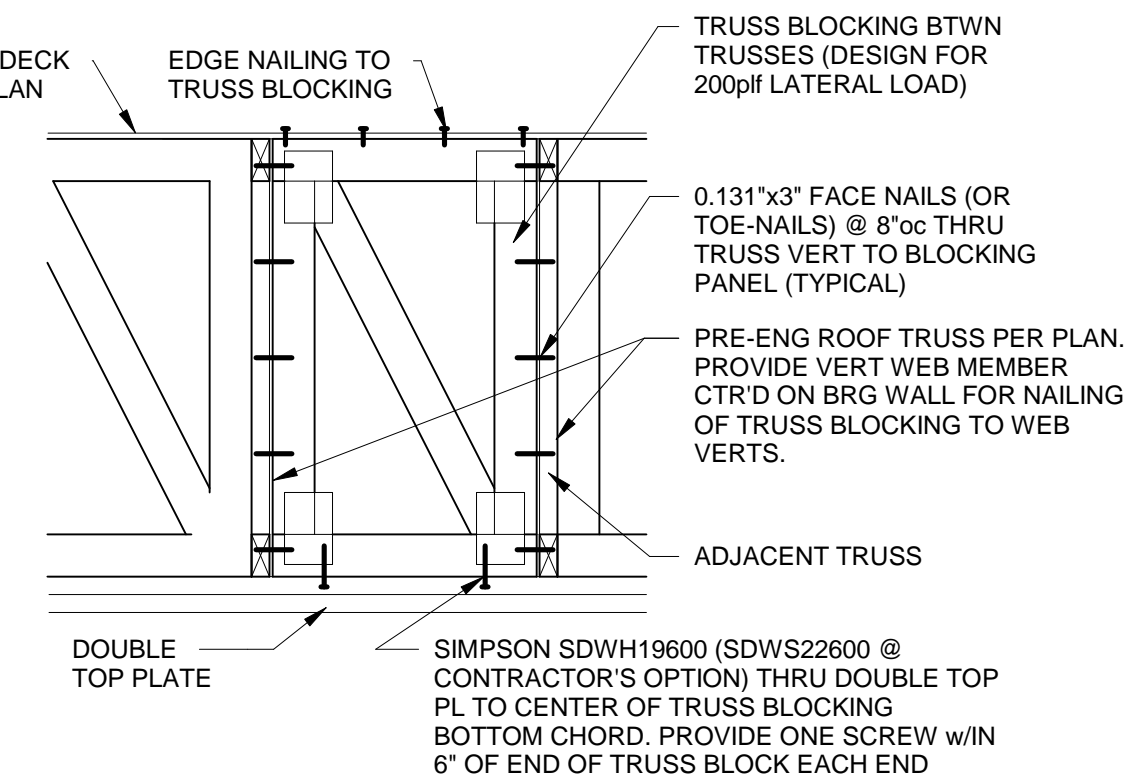
3 SECTION
3/4" = 1'-0"



4 SECTION
3/4" = 1'-0"



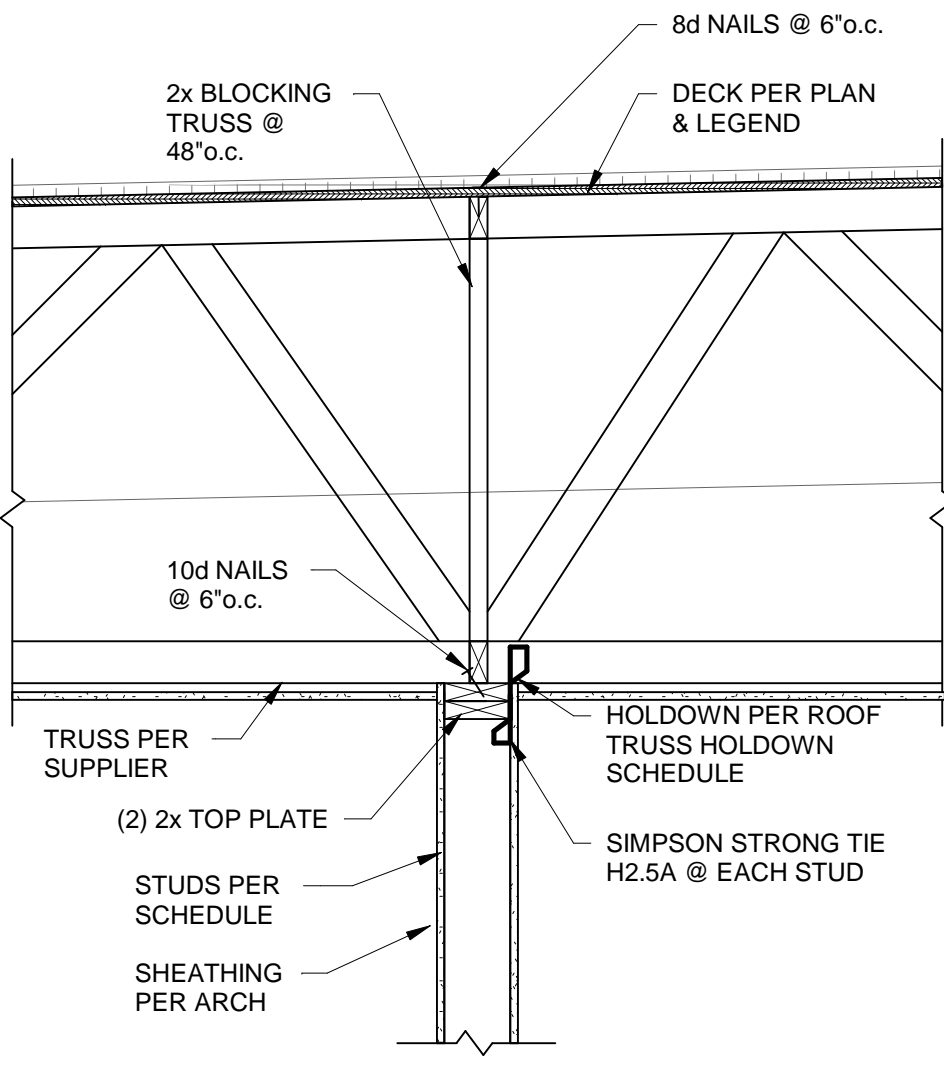
5 SECTION
3/4" = 1'-0"



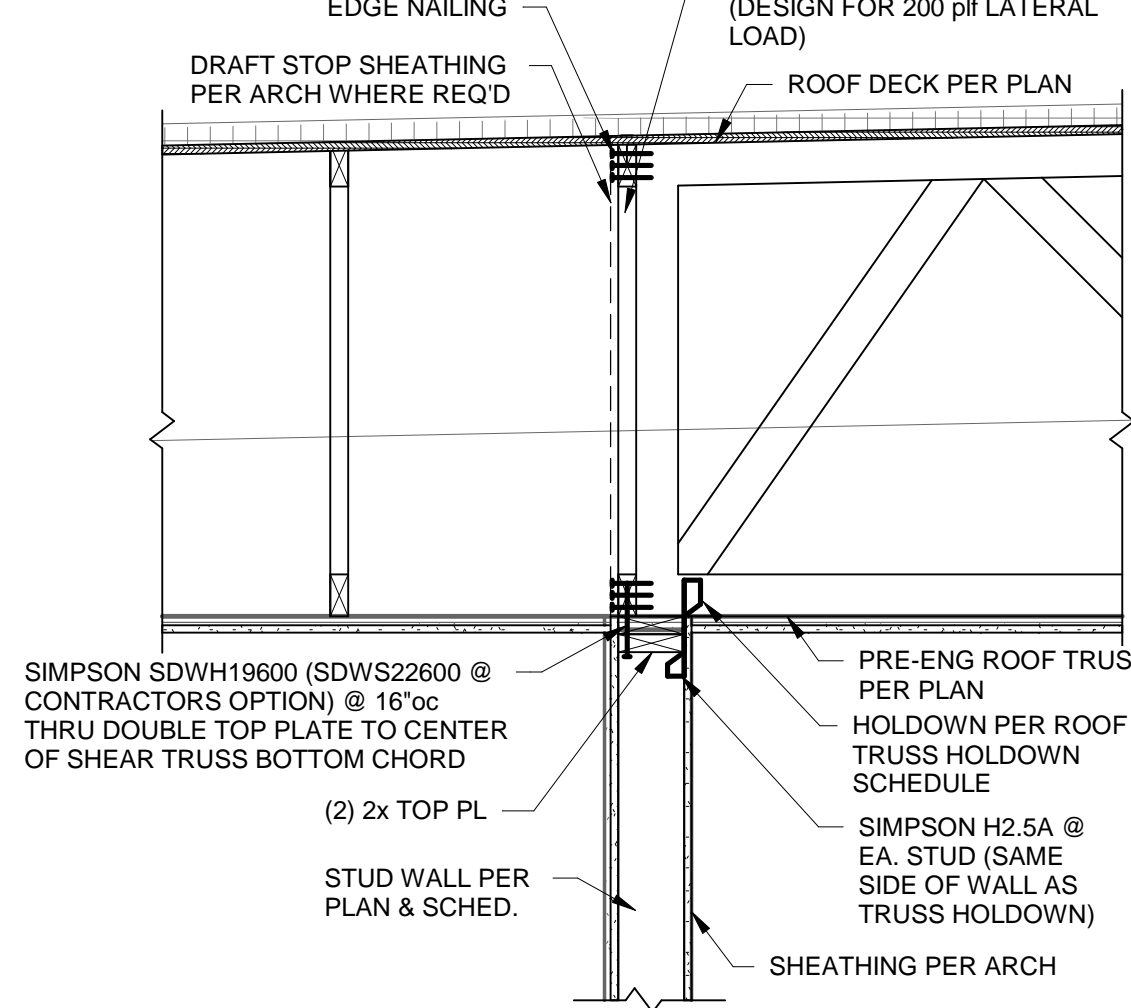
TYPICAL ROOF TRUSS BLOCKING AT SHEARWALLS

6 SECTION
3/4" = 1'-0"

- NOTES:
1. PROVIDE TRUSS BLOCKING @ ROOF LEVEL ATOP ALL SHEARWALLS WHEN A CONTINUOUS SHEAR/GIRDER TRUSS IS NOT USED.
 2. TRUSS BLOCK MAY CONSIST OF A FRAMED WOOD STRUCTURAL PANEL OR PREFAB TRUSS BLOCK.
 3. TRUSS MANUFACTURER TO DESIGN PREFAB TRUSS BLOCK.

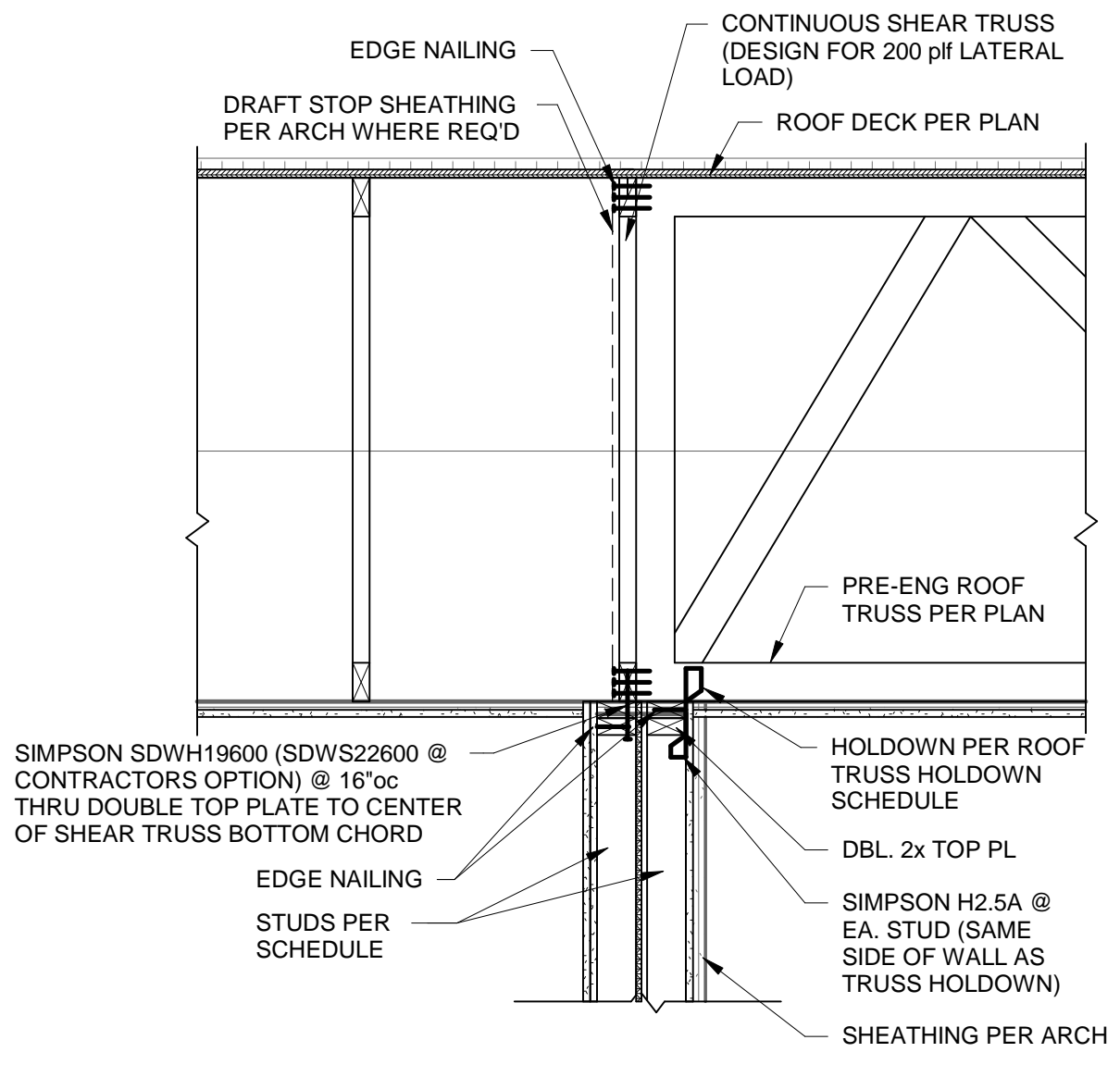


8 SECTION
3/4" = 1'-0"



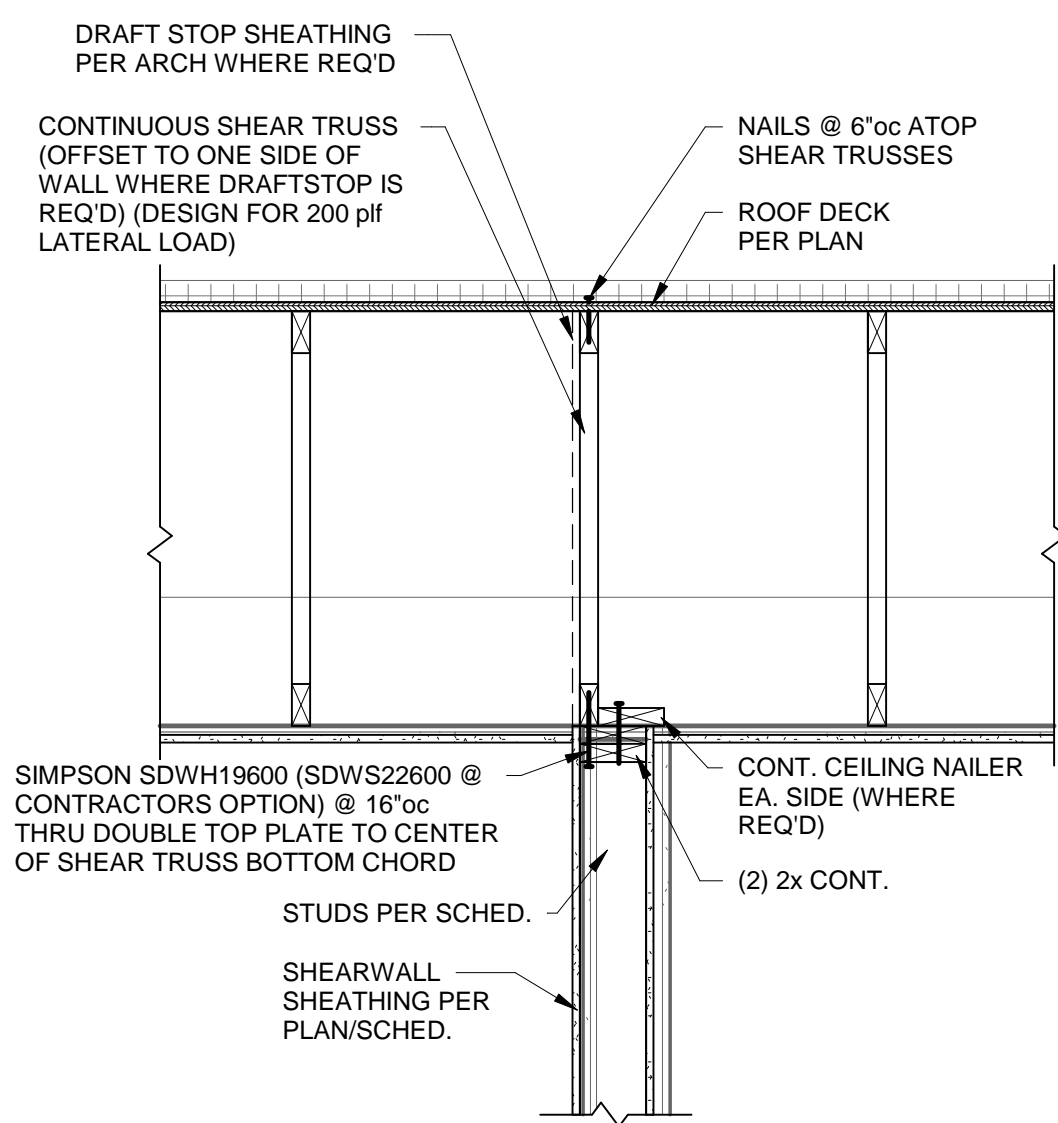
TYP. INTERSECTING ROOF TRUSSES @ BRG. WALL

9 SECTION
3/4" = 1'-0"



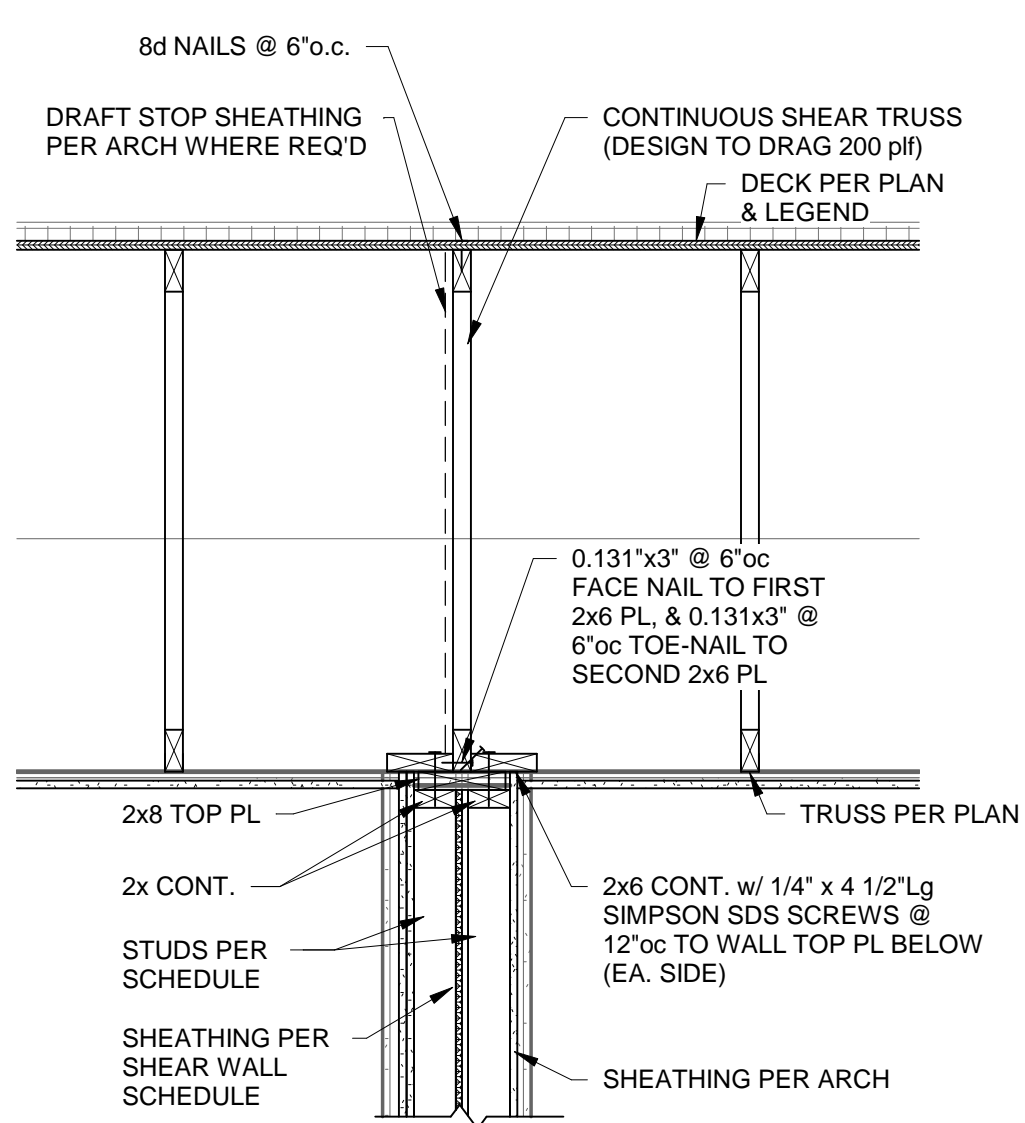
TYP. INTERSECTING ROOF TRUSSES @ BRG. WALL

10 SECTION
3/4" = 1'-0"



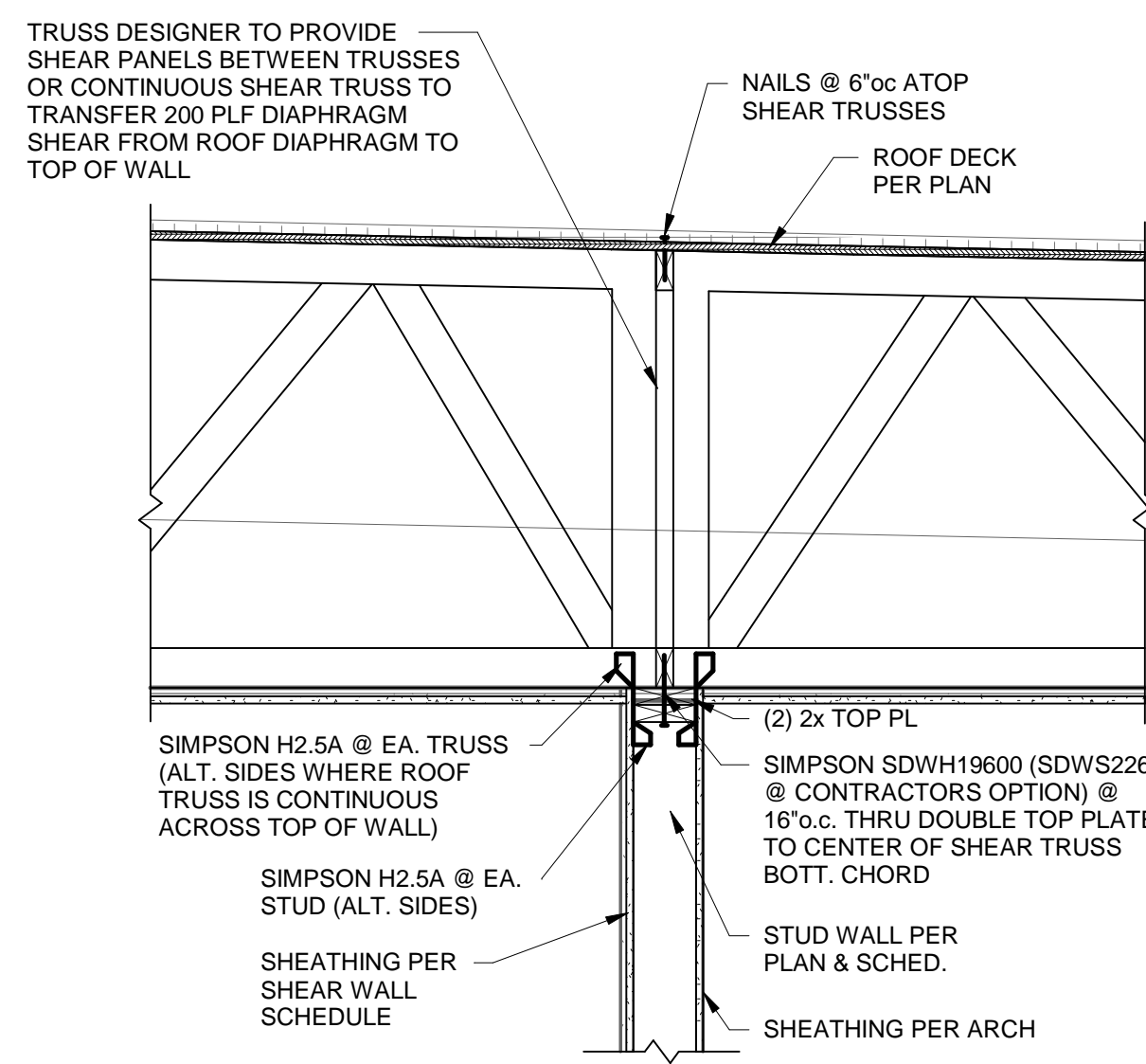
TYPICAL LATERAL TRUSS ATOP
PARALLEL SHEARWALL

11 SECTION
3/4" = 1'-0"



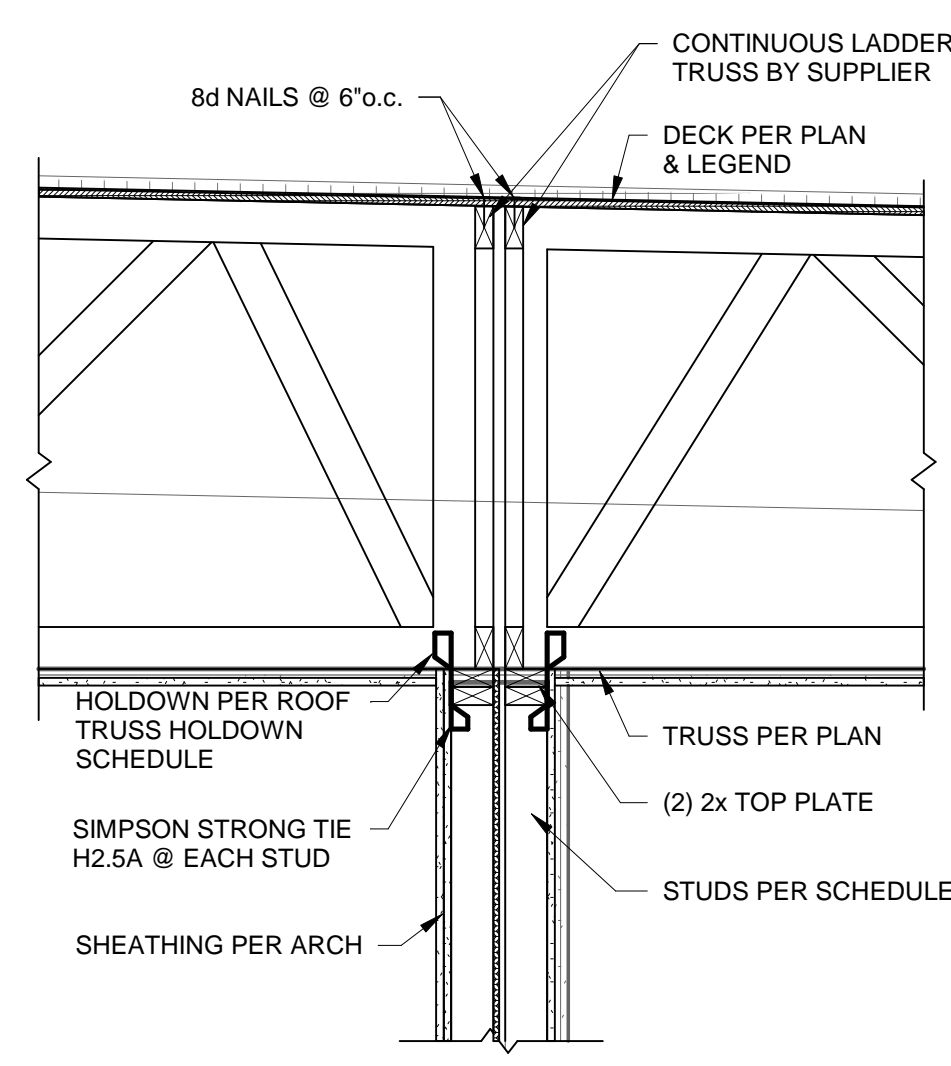
TYPICAL LATERAL TRUSS ATOP
PARALLEL SHEARWALL

12 SECTION
3/4" = 1'-0"



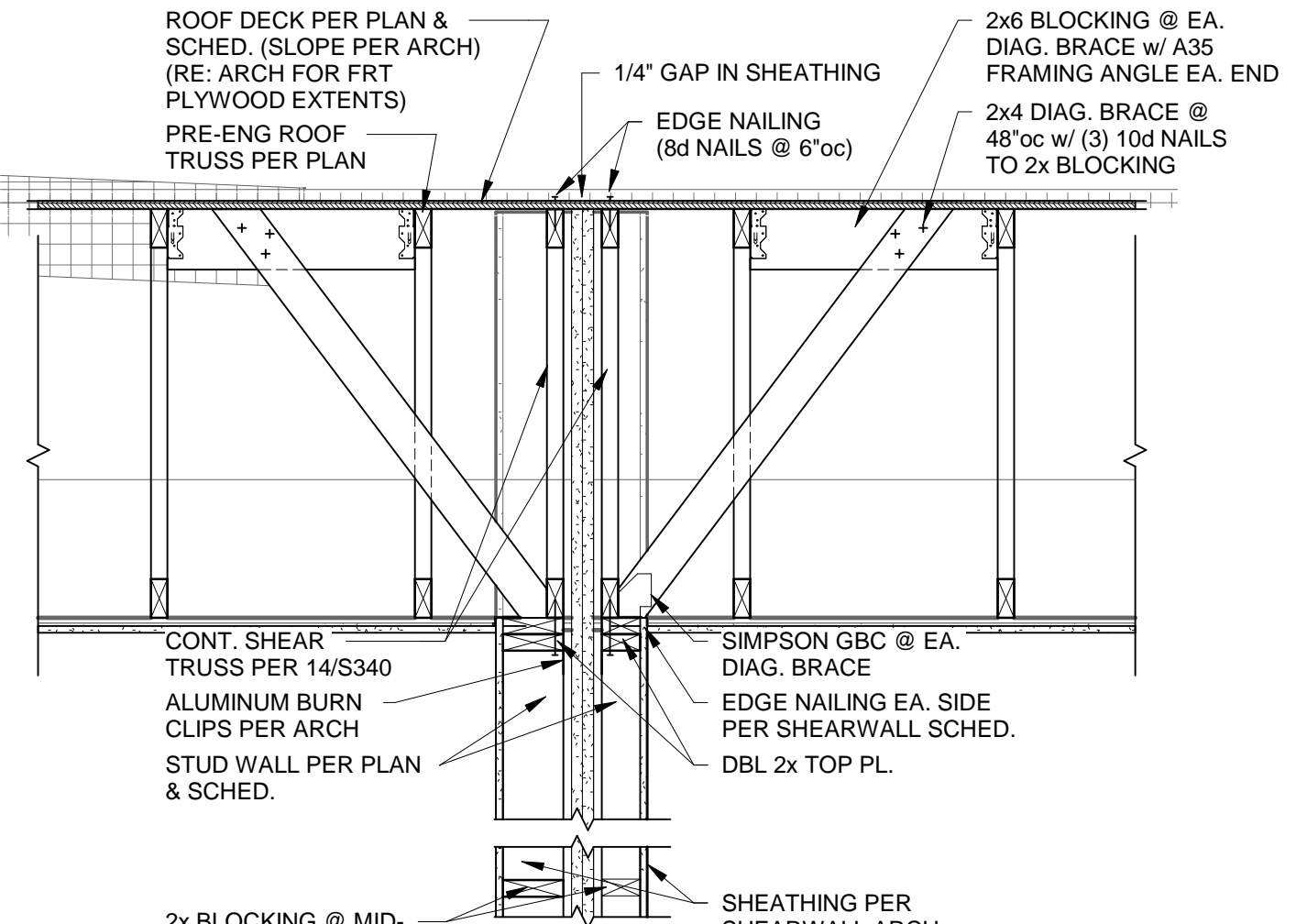
TYPICAL LATERAL TRUSS ATOP SHEARWALL
PERPENDICULAR TO TRUSS SPAN

13 SECTION
3/4" = 1'-0"



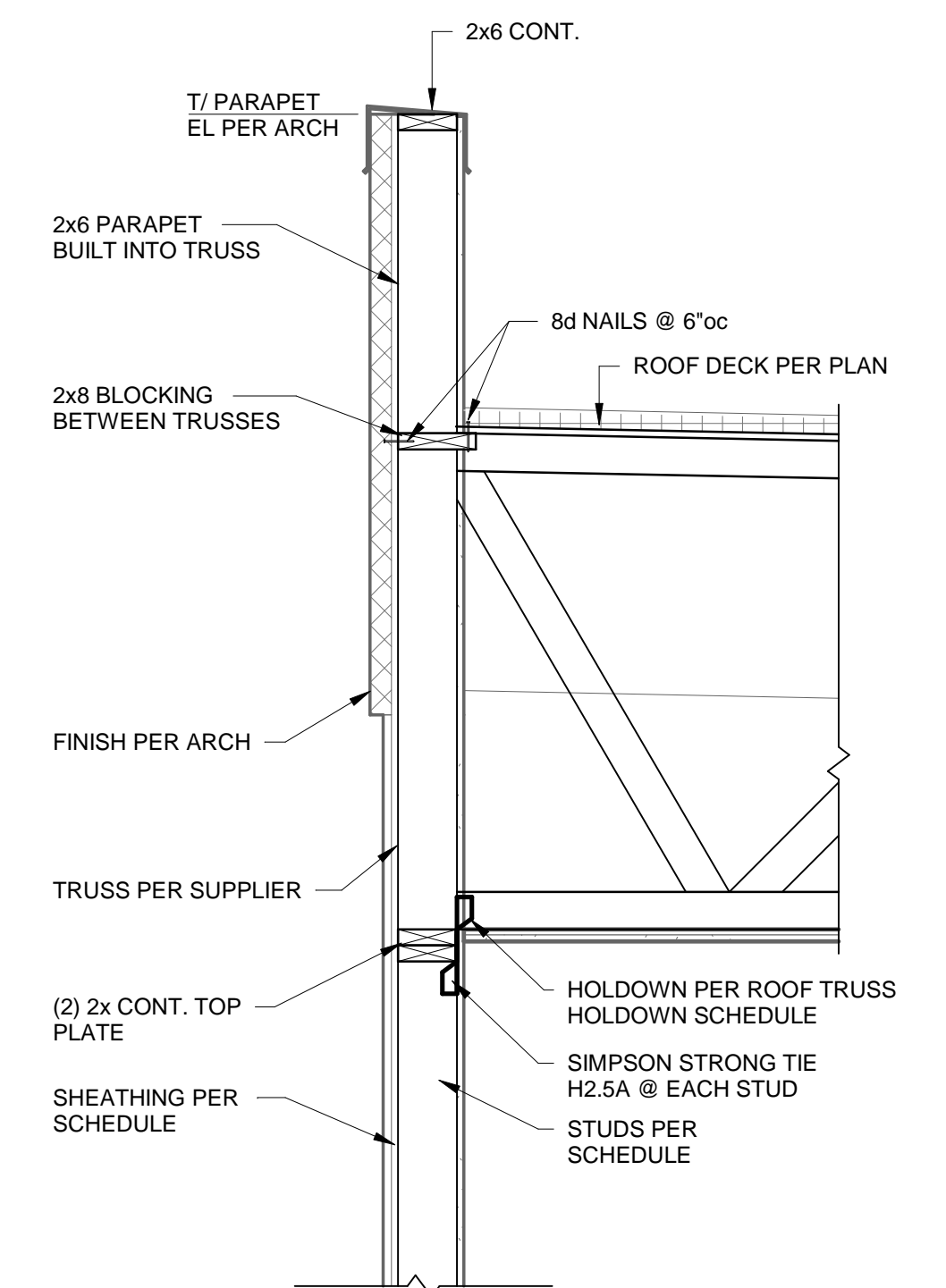
TYPICAL LATERAL TRUSS ATOP SHEARWALL
PERPENDICULAR TO TRUSS SPAN

14 SECTION
3/4" = 1'-0"

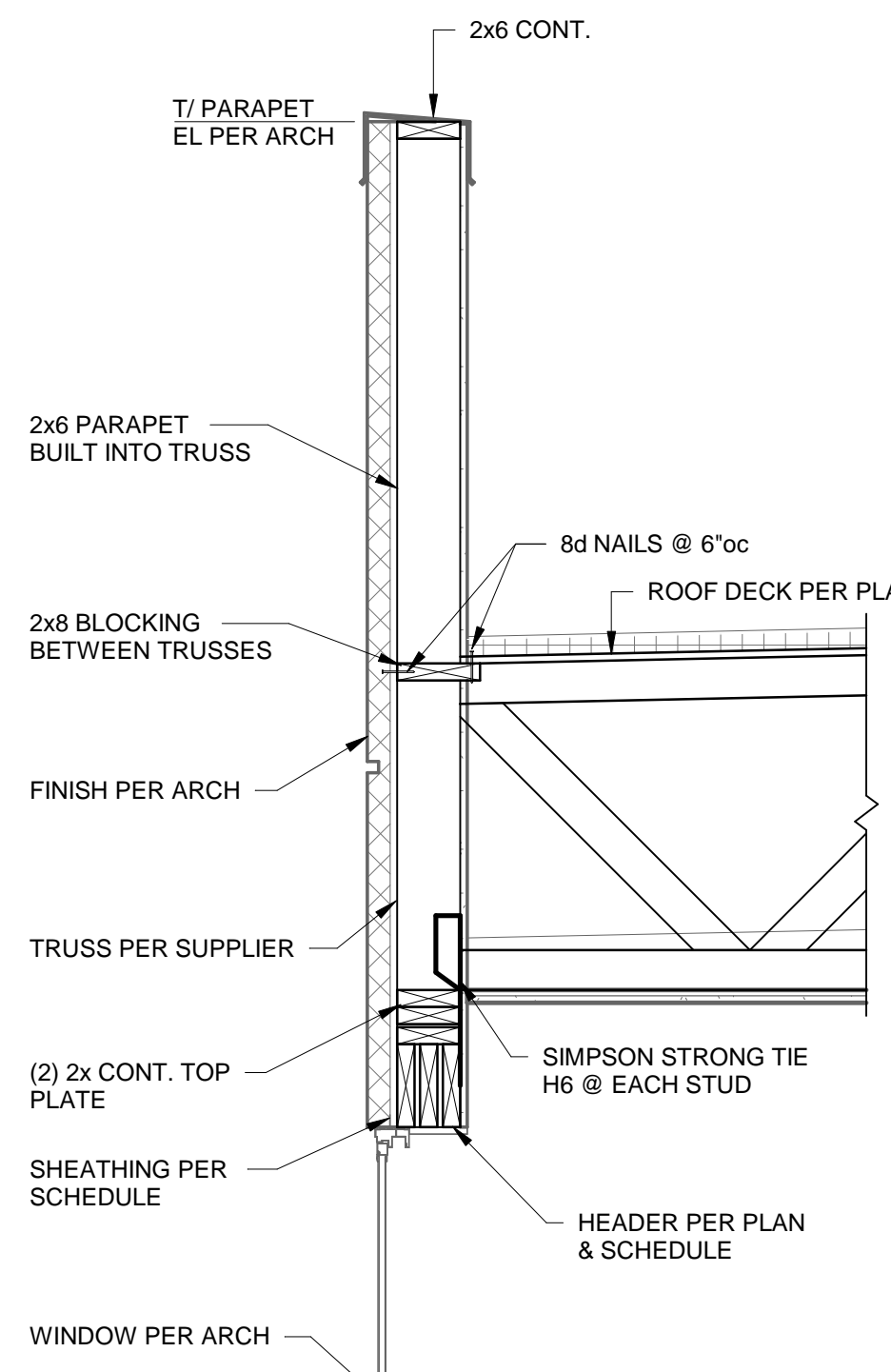


TYPICAL FIRE WALL AT ROOF

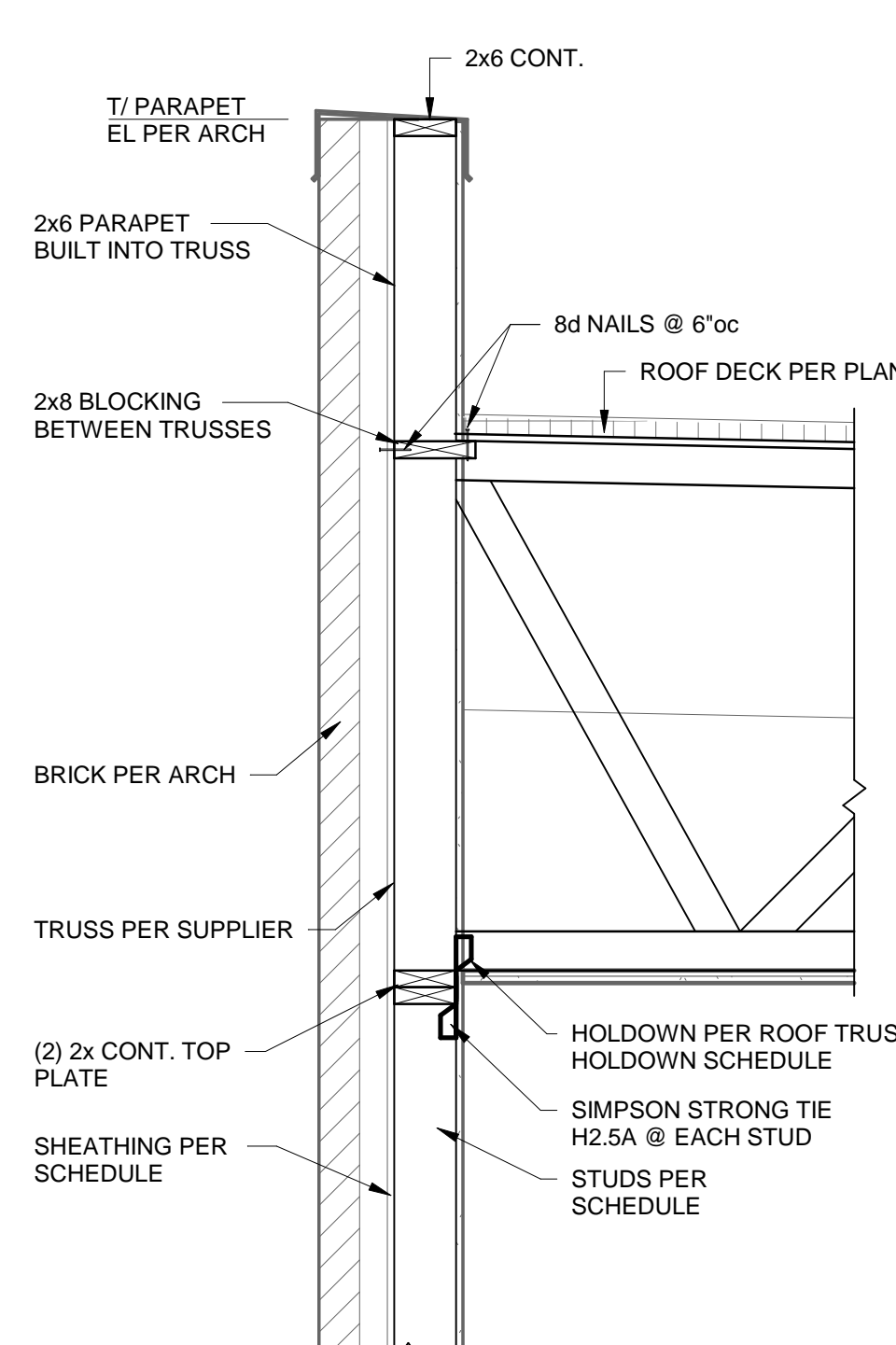
15 SECTION
3/4" = 1'-0"



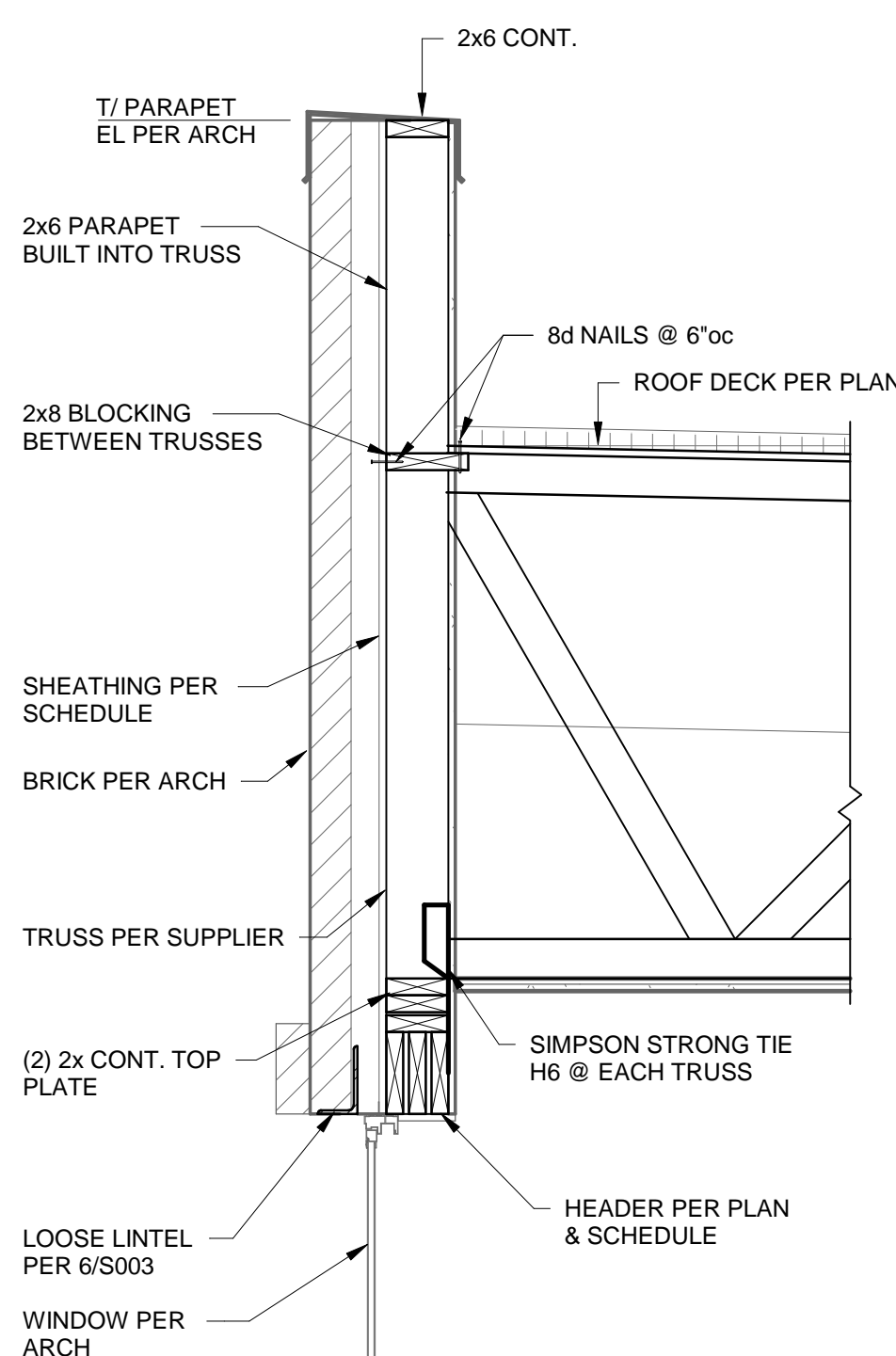
16 SECTION
3/4" = 1'-0"



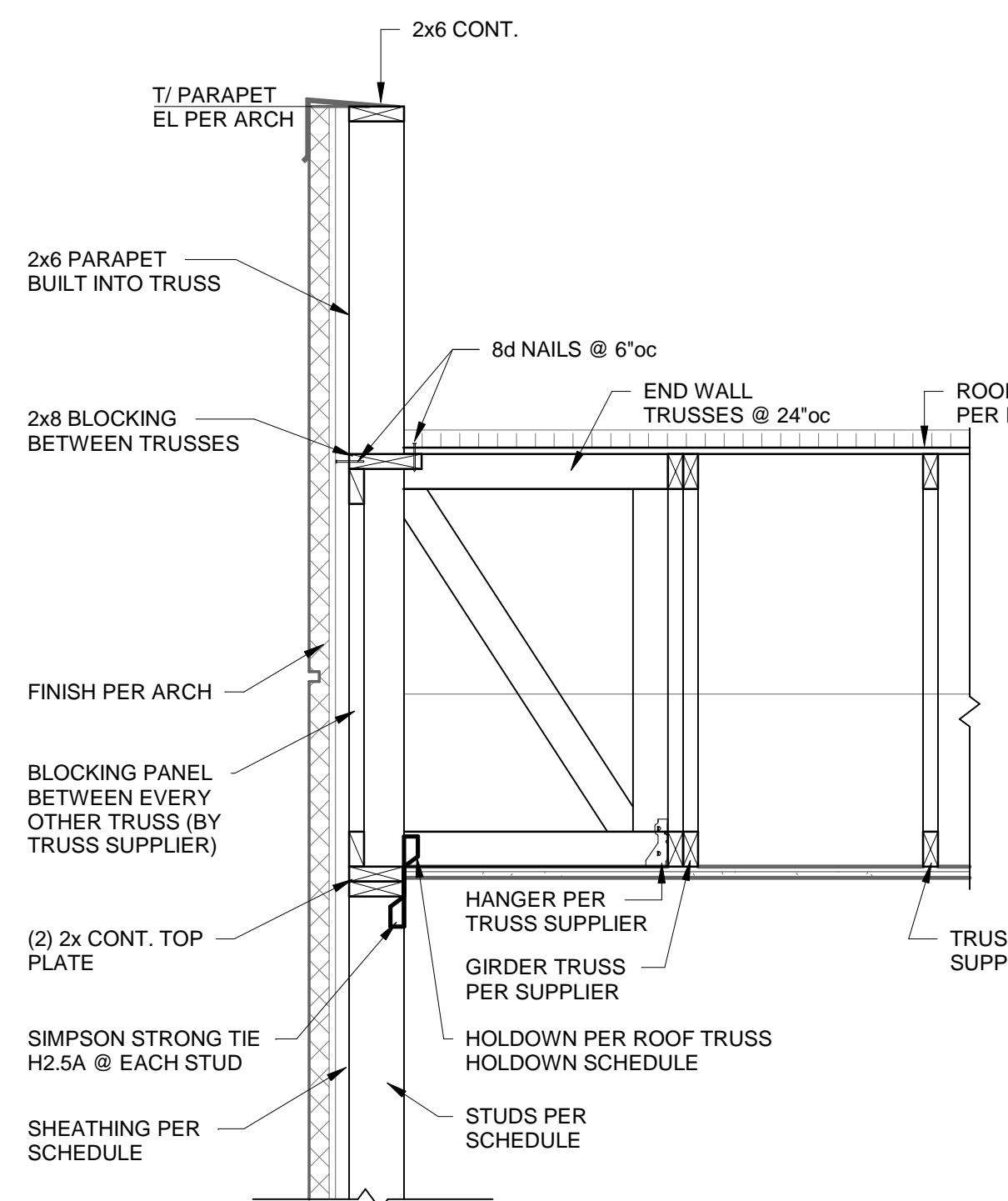
16A SECTION
3/4" = 1'-0"



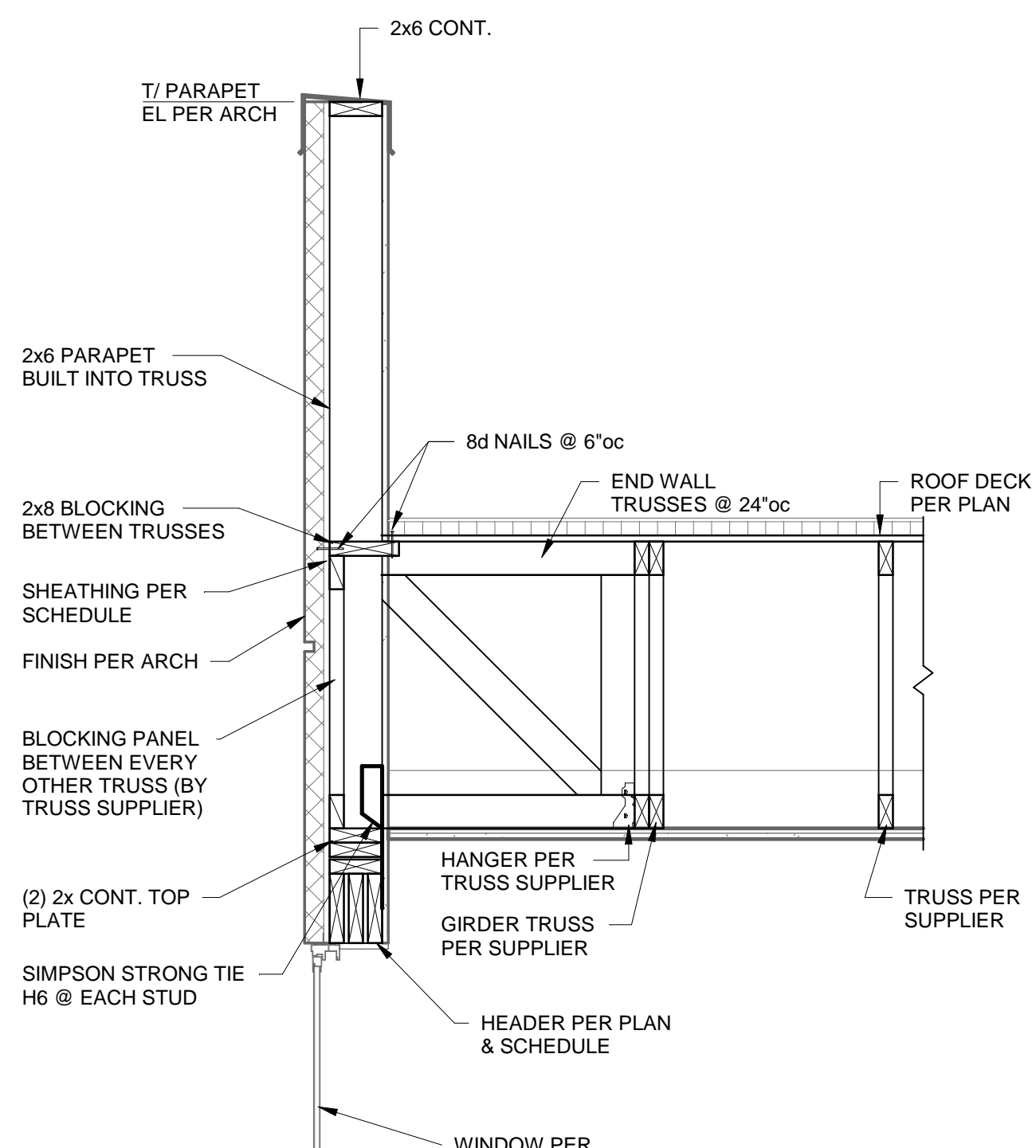
17 SECTION
3/4" = 1'-0"



17A SECTION
3/4" = 1'-0"



18 SECTION
3/4" = 1'-0"



18A SECTION
3/4" = 1'-0"



ARCHITECT	STRUCTURAL ENGINEER	CIVIL ENGINEER	GENERAL CONTRACTOR	MECHANICAL ENGINEER	PLUMBING ENGINEER	ELECTRICAL ENGINEER
TRI ARCHITECTS	BOB D CAMPBELL & COMPANY	SM ENGINEERING	BRINKMANN CONSTRUCTORS	LATIMER SOMMERS & ASSOCIATES	LATIMER SOMMERS & ASSOCIATES	LATIMER SOMMERS & ASSOCIATES



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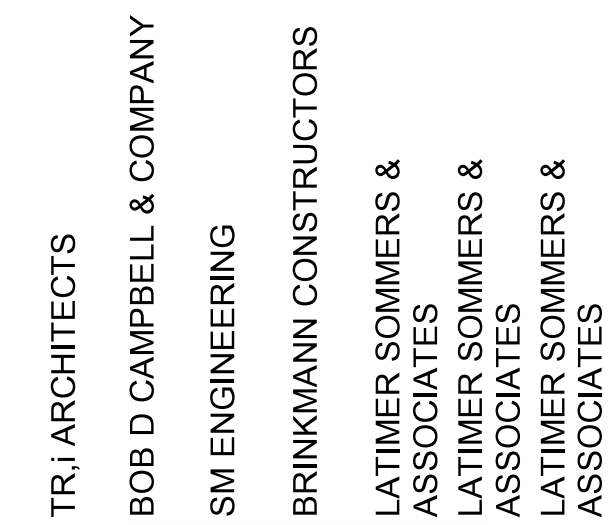
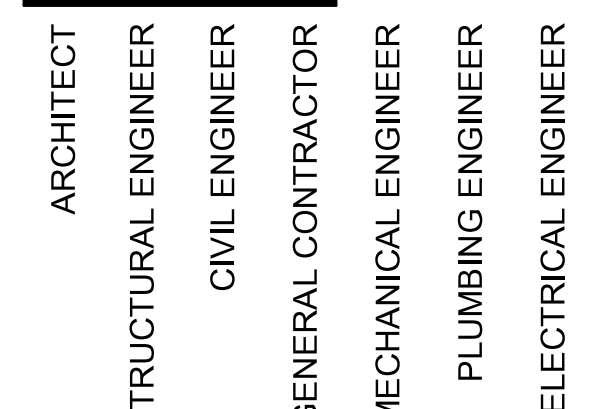
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SHEET NO.

S340

WOOD ROOF FRAMING SECTIONS



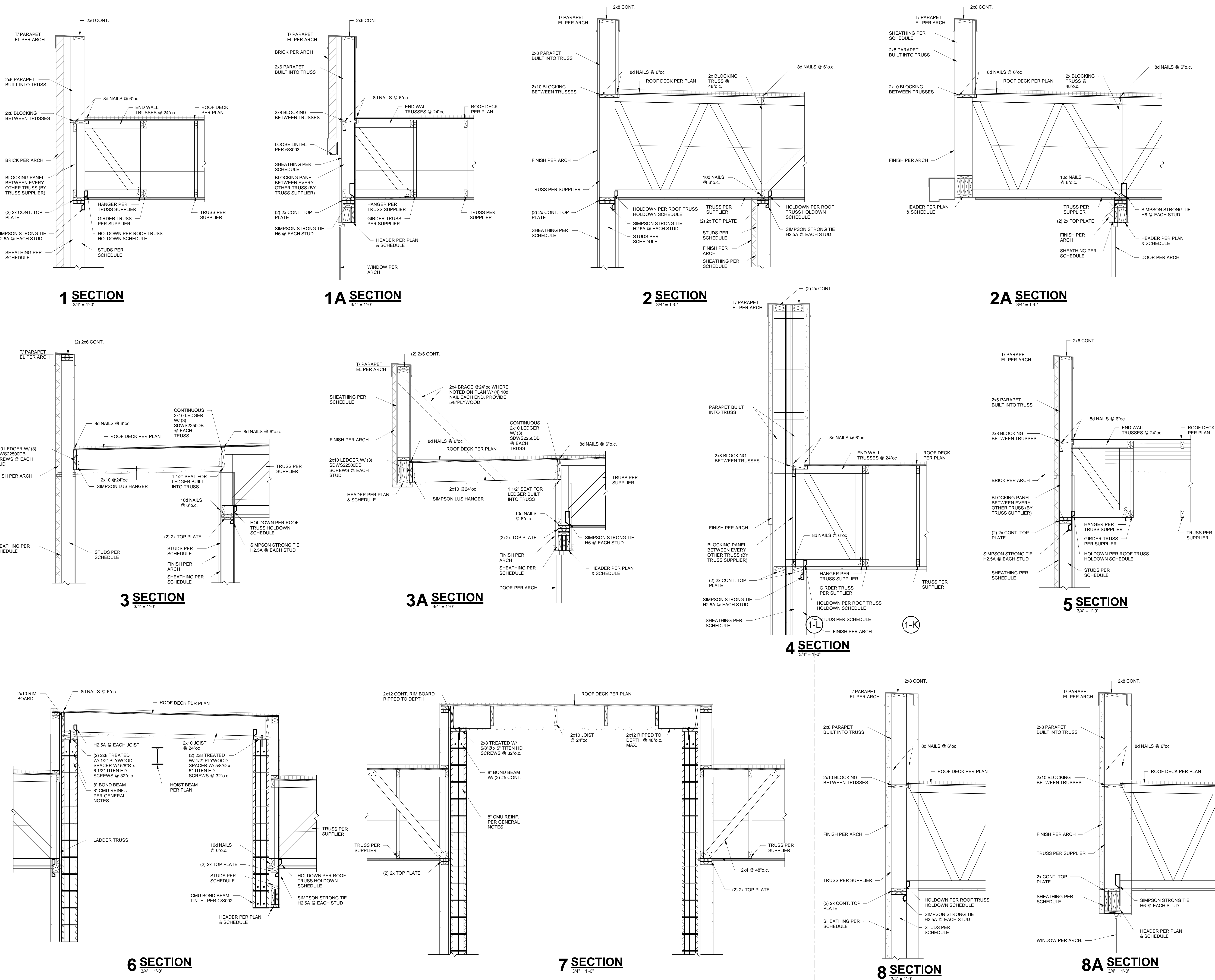
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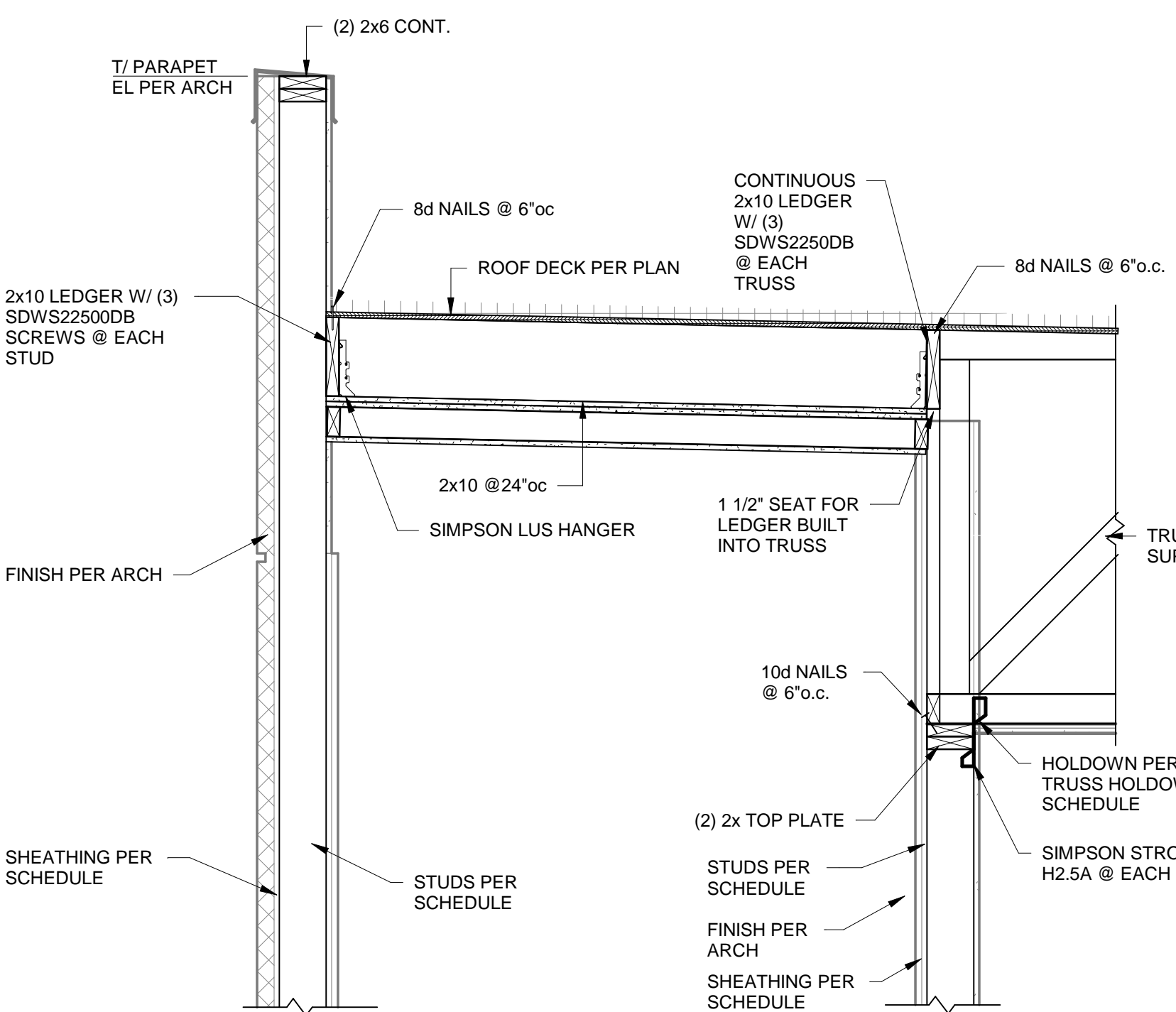
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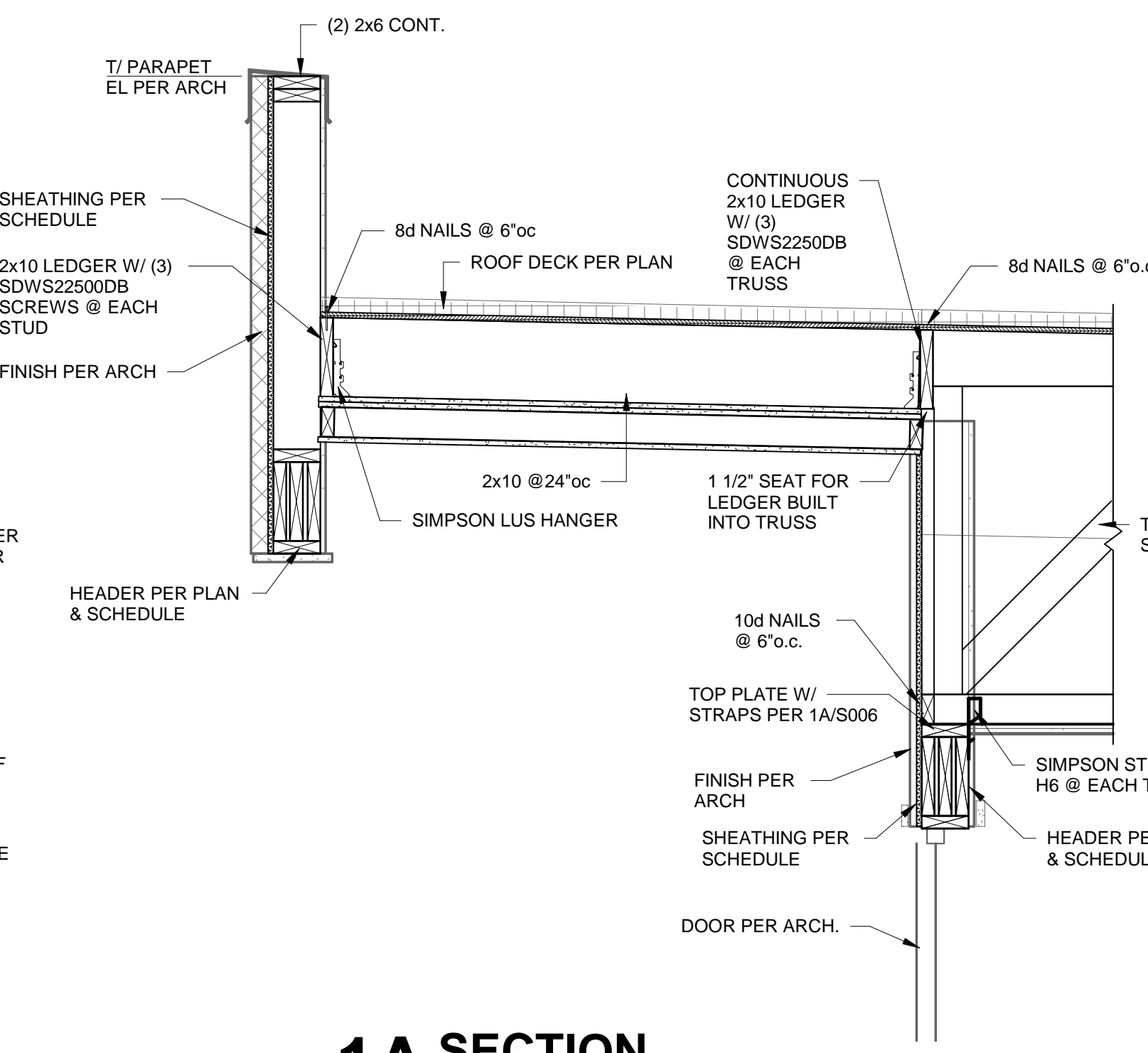
SHEET NO. **0011**

WOOD ROOF FRAMING SECTIONS

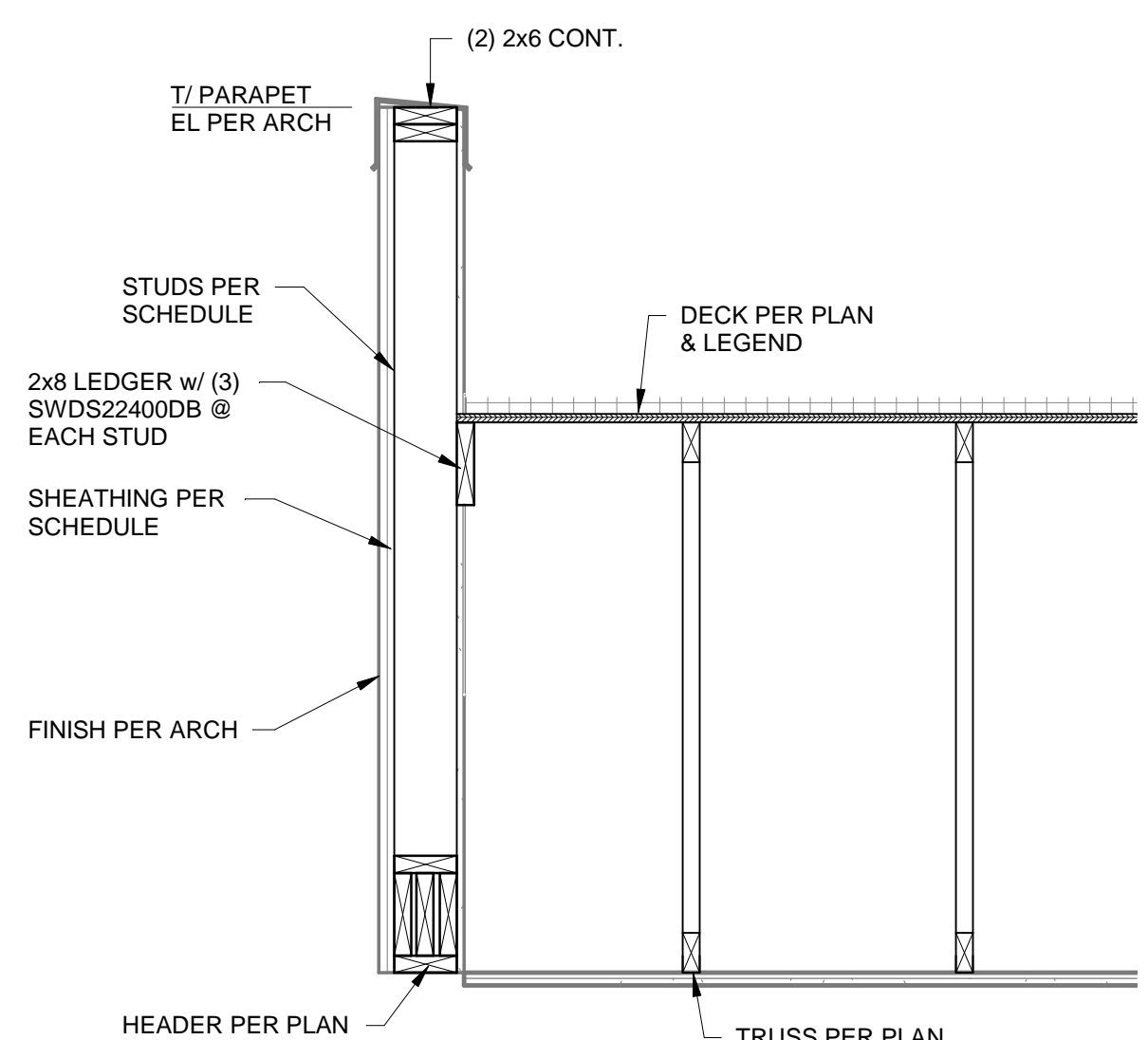




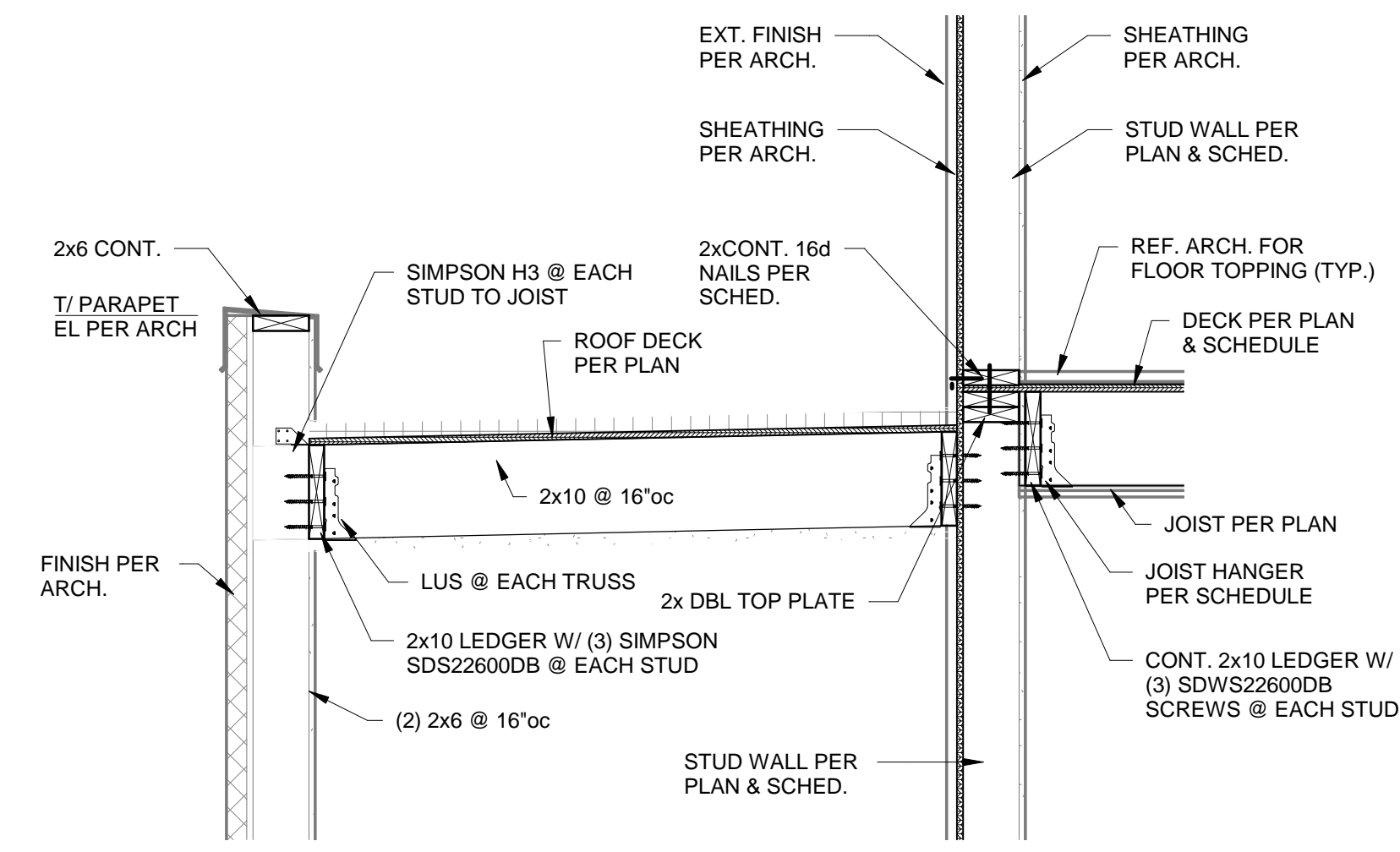
1 SECTION
3/4" = 1'-0"



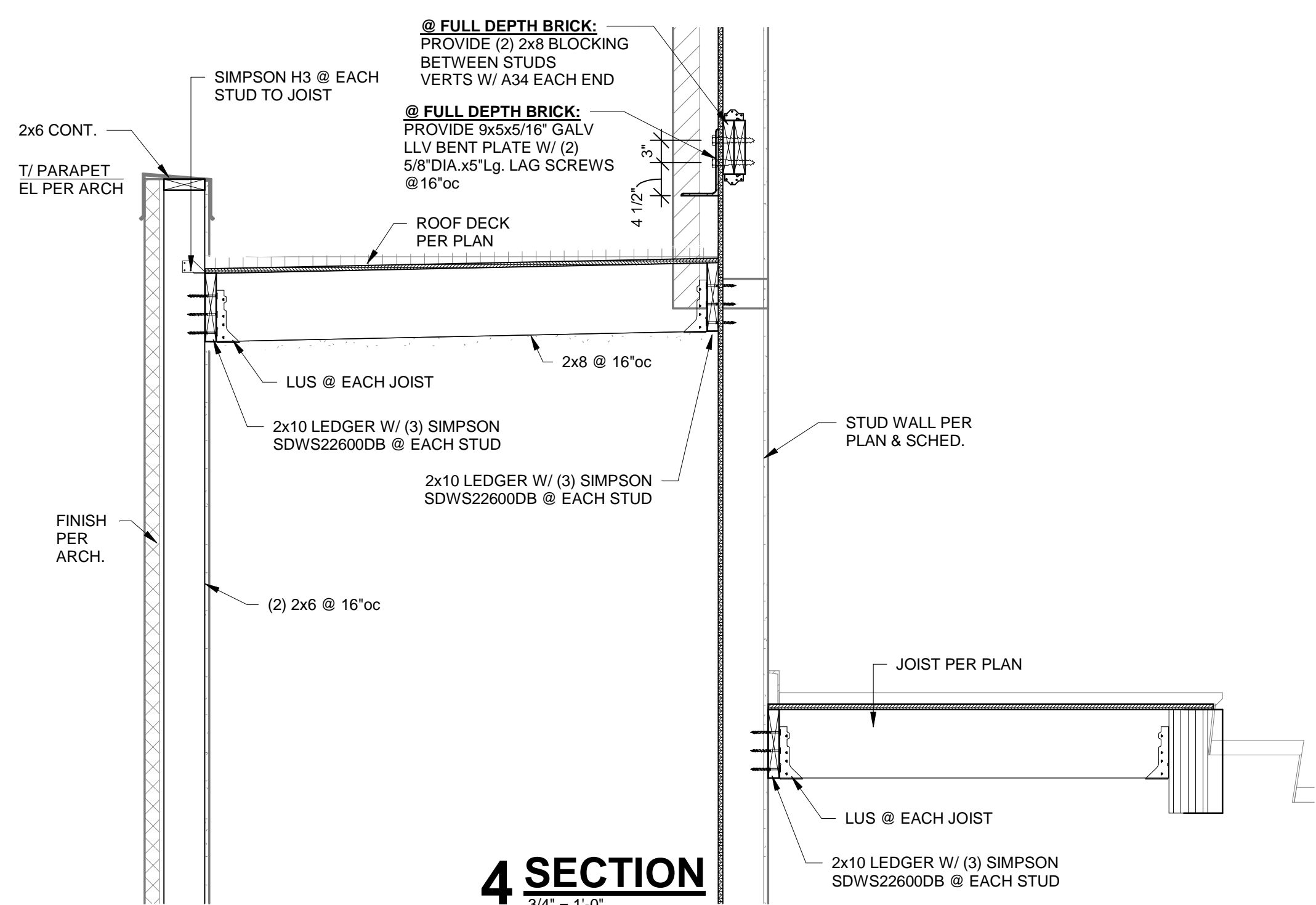
1A SECTION
3/4" = 1'-0"



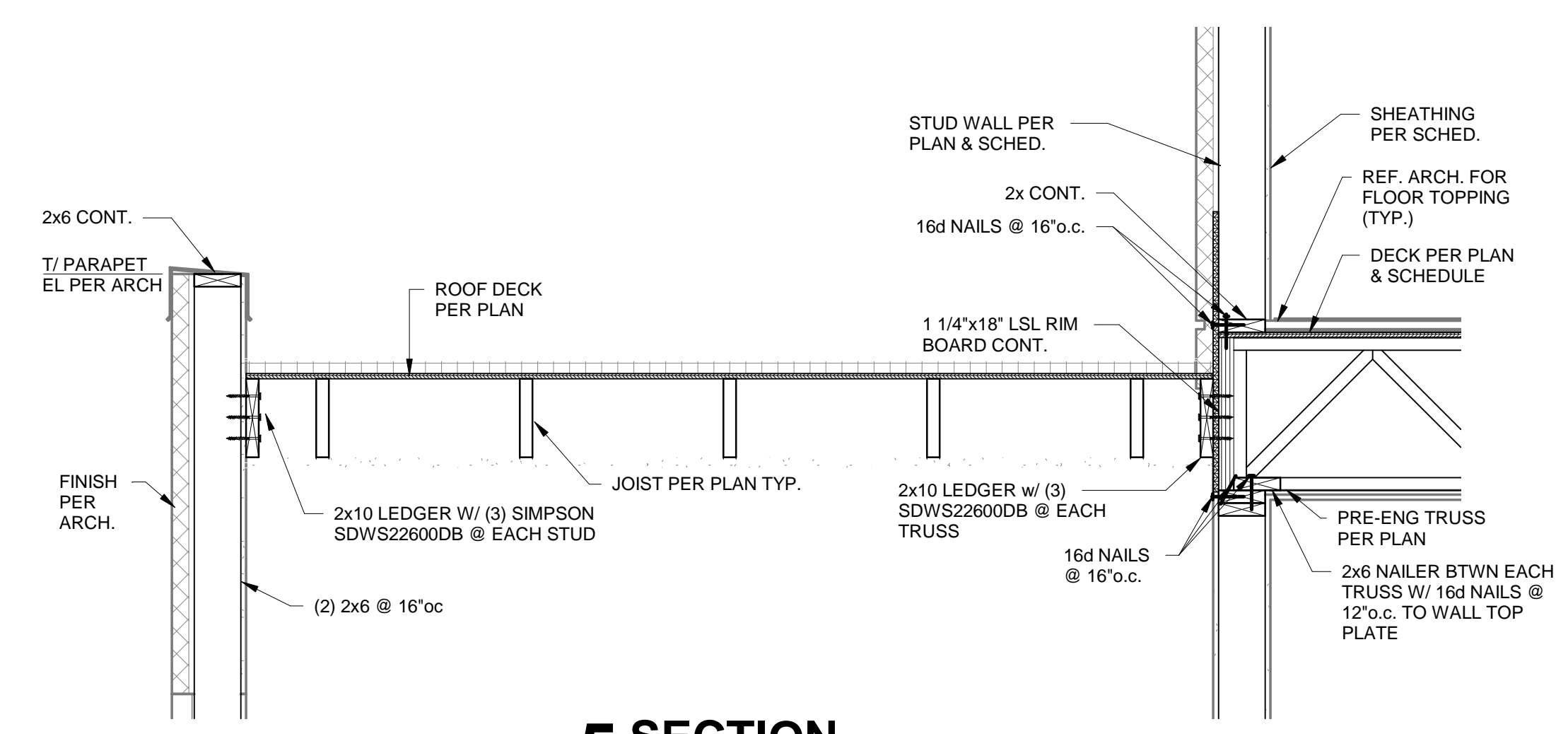
2 SECTION
3/4" = 1'-0"



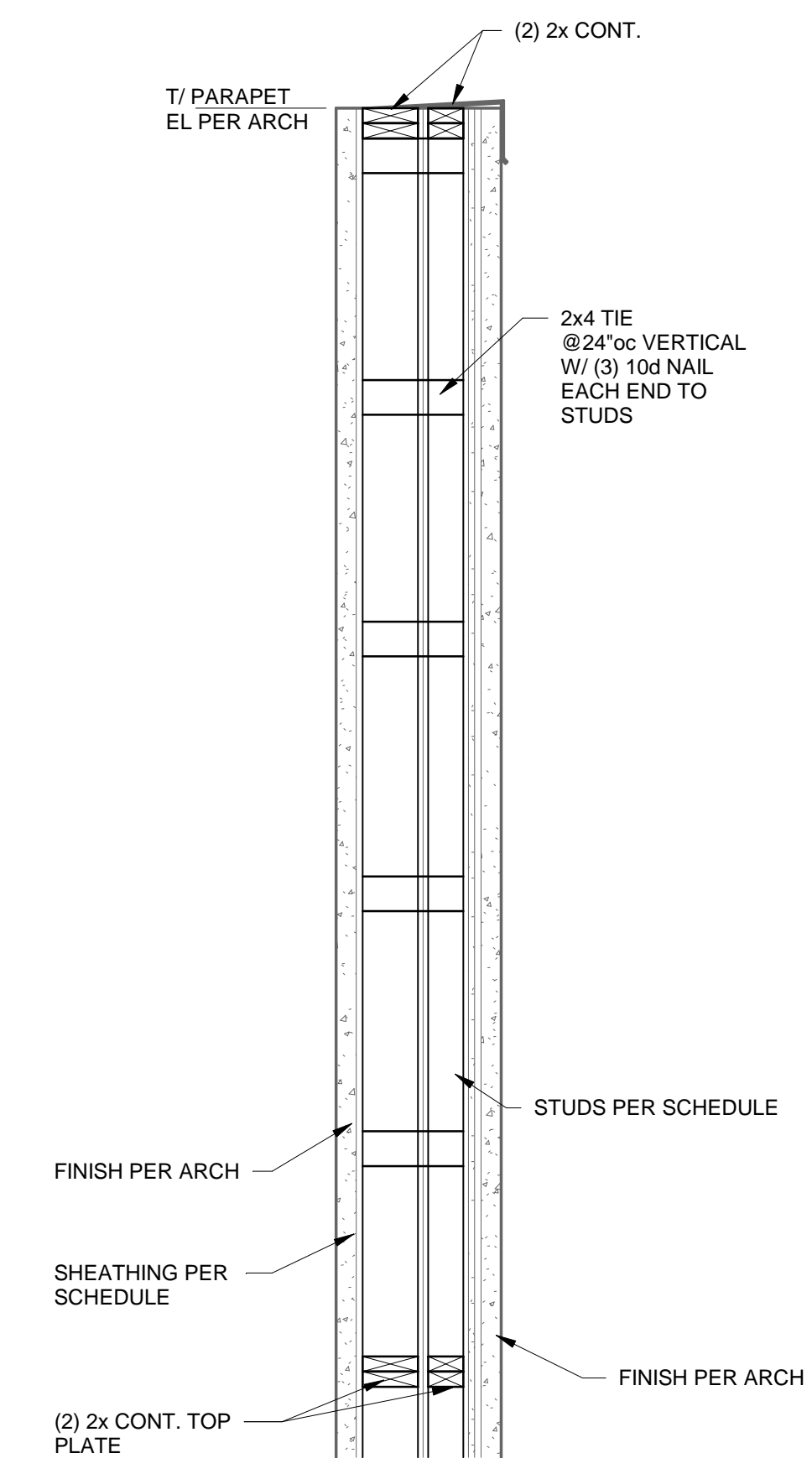
3 SECTION
3/4" = 1'-0"



4 SECTION
3/4" = 1'-0"



5 SECTION
3/4" = 1'-0"



6 SECTION
3/4" = 1'-0"



ARCHITECT	STRUCTURAL ENGINEER	CIVIL ENGINEER	GENERAL CONTRACTOR	MECHANICAL ENGINEER	PLUMBING ENGINEER	ELECTRICAL ENGINEER
TRI ARCHITECTS	BOB D CAMPBELL & COMPANY	SM ENGINEERING	BRINKMANN CONSTRUCTORS	LATIMER SOMMERS & ASSOCIATES	LATIMER SOMMERS & ASSOCIATES	LATIMER SOMMERS & ASSOCIATES



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S342

WOOD ROOF FRAMING SECTIONS