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LENEXA CITY CENTER \_ NORTH VILLAGE TOWNHOMES  
NEW TOWNHOMES COMPLEX  
LENEXA, KANSAS

REVISION: \_\_\_\_\_  
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DATE: 8/12/2025  
 JOB: 25-3090  
 SHEET NO.: \_\_\_\_\_

# S0.1

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## 8. Concrete Masonry Units

## 10. Shop Drawings and Deferred Submittals

## 9. Timber and Wood Framing

- A. Quality and construction of wood framing members and their fasteners for load supporting purposes not otherwise indicated on the drawings shall be in accordance with the International Building Code.
- B. All joists and top and bottom plates shall be Douglas Fir No. 2 grade visually graded lumber, with an allowable fiber stress in bending of 900 psi minimum and an elastic modulus of 1,600,000 psi unless noted otherwise. All joist, truss members, and headers to be No. 2 grade (2" min.) unless noted otherwise. All lumber for exterior decks and balconies shall be treated 15' minimum preservative treated Yellow Pine, No. 2 grade.
- C. Blocking of stud bearing walls and shear walls shall be solid, matching sheathing joints.
- D. Joist blocking and bridging shall be shall wood or cross bridging of either wood or metal straps. Spacing, in any case, shall not exceed 8'-0".
- E. Wood members and sheathing shall be fastened with minimum number and size of fasteners not less than that required by the International Building Code. Floor sheathing shall be APA rated tongue and groove SUD-1-Floor, exposure 1, sheathed and nailed with 8d ring shank nails or # 10 screws at 12" on center to all supports. Gueading of shear walls or roof diaphragms shall be edge nailed with 8d common nails at 6" on center and nailed to minimum 2x4 blocking or minimum 2x6 members with 8d common nails at 12" on center unless otherwise noted on the drawings. All roof sheathing shall be installed with 1/8 inch gaps between panel edges and ends.
- F. Sill plates shall be bolted to concrete walls or steel beams with 1/2" diameter bolts at 32" on center. Sill plates in direct contact with concrete or masonry shall be treated lumber w/ hot-dip galvanized zinc.
- G. Joist hangers shall have International Building Code approval and shall be equal to Simpson Strong-Tie "LUS" for wood application and "LB" for steel weld-on application.
- H. Service condition - dry with moisture content and/or below 16% in service.
  - I. Laminated Lumber (LL) shall have a minimum modulus of elasticity (E) of 1,900,000 psi of 2,600 psi (reduced by size factor) and an elastic modulus of 1,900,000 psi.
  - J. Parallel Strand Lumber (PSL) shall have an allowable flexural stress (Fb) of 2,900 psi (reduced by size factor) and an elastic modulus (E) of 2,000,000 psi.
- K. Reducing the size of wood trusses shall be in accordance with the American Institute of Steel Construction (AISC) design standard for metal-plate connected wood trusses (ANSI/TPI-1 latest edition).

- A. Post-installed anchors shall be used only where specified on the drawings unless approved in writing by the engineer of record. See drawings for anchor diameter, spacing and embedment. Performance values of the anchors shall be obtained for specified products using appropriate design procedures and/or standards as required by the governing building code. All anchors installed in concrete shall have an ICC-ES Evaluation Service Report. Special Inspection is required for all post installed anchors. The contractor shall coordinate an on-site meeting with the post installed anchor manufacturer field representative to educate the construction team on the anchor installation guidelines and requirements.
- B. Mechanical anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ACI 308.2 and ICC-ES AC108. All anchors shall be installed per the anchor manufacturer's written instructions.
- C. Adhesive anchors used in cracked and uncracked concrete shall have been tested and qualified for use in accordance with ICC-ES AC108 and ICC-ES AC308. All anchors shall be installed per the anchor manufacturer's written instructions.
- D. Mechanical anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC01. All anchors shall be installed per the anchor manufacturer's written instructions.
- E. Adhesive anchors used in solid grouted masonry shall have been tested and qualified for use in accordance with ICC-ES AC58. All anchors shall be installed per the anchor manufacturer's written instructions.
- F. Anchors used in hollow concrete masonry shall have been tested and qualified in accordance with ICC-ES AC106 or ICC-ES AC58 as appropriate. All anchors shall be installed per the anchor manufacturer's written instructions with appropriate screen tubes used for adhesives.

- A. The soil investigation was prepared by Kansas City Testing & Engineering (KCTE). The report number is G-15-175.
- B. Spread footings, grade beams, and retaining walls are designed to bear on engineered fill or undisturbed soil capable of safely sustaining 2,500 psf.
- C. Retaining walls are designed for an active lateral load of 60 pc equivalent fluid pressure.
- D. Basement walls are designed for an at rest lateral load of 60 pc equivalent fluid pressure. See General Note 3.H for wall bracing requirements.
- E. Contractor shall provide for dewatering at excavations from either surface water or seepage.
- F. All foundation excavations shall be inspected by a qualified soil engineer, approved by the architect, and/or structural engineer, prior to placement of steel or concrete. This inspection shall be at the owner's expense.
- G. All concrete in the structural portion retaining the backfill shall have attained its design strength prior to being backfilled.
- H. Moisture content in soils beneath building locations should not be allowed to change after frost excavations and after grading for slabs on grade are completed. If subgrade materials are excavated or softened by water or other conditions, recompact materials to the density and water content specified for engineered fill. Do not place concrete on frozen ground.

- A. Concrete block used in exterior walls or load bearing walls shall meet the requirements of ASTM C90 and have a minimum net compressive strength of 2500 psi and laid up using type N mortar such that fm equals 2000 psi. Mortar shall be volume proportion based cement lime mortar. Proportioning shall be completed by box measure. Any block in contact with earth shall be normal weight units, laid using type "S" mortar and grouted solid.
- B. The contractor shall provide adequate temporary bracing for all masonry walls during construction.
- C. All concrete block shall have a gage (or larger) horizontal joint reinforcing (ladder or other) architectural drawings and specifications (1" maximum vertical spacing).
- D. Cavity wall construction shall be reinforced as designed for specific concrete block used. The horizontal joint reinforcing shall be of the ladder or truss style per specification and construction between brick and block, as prescribed by the architectural drawings.
- E. Concrete block shall be reinforced per schedule and/or details on the drawings. Where not otherwise vertical reinforcing shall be minimum of horizontal partition walls shall be reinforced as follows in 6", 8", 10", and 12" walls:
  - 1. Vertical reinforcing shall be a minimum of 1 - #4 bar in 6" and 8" walls and 2 - #4 bars in 10" and 12" walls at 4'-0" on center, at each corner, at each door and window jamb, each side of control joints and in the end view of each length of wall. Lap splices for vertical reinforcing shall be staggered.
  - 2. Horizontal reinforcing:
    - A. Horizontal joint reinforcing as noted above.
    - B. Continuous horizontal bars shall be included per section or detail in bond beam or optional running bond beam where noted. Where bond beams are continuous at exterior walls, supply reinforcement bars matching size of horizontal bars (minimum 2'-0" to 4'-0" bar diameter in each direction).
- F. Gout, where noted above, shall have a minimum design ultimate compressive strength of 2500 psi at 28 day test and 3/8" minimum aggregate size.
- G. Non-load bearing concrete block walls shall be isolated from adjacent structural elements with vertical 3/8" control joints and at the top of the wall with 1" air space or compressible material and supply reinforcement bars matching size of horizontal bars (minimum 2'-0" to 4'-0" bar diameter in each direction).
- H. Unless otherwise covered on architectural plans or specifications, vertical control joints in masonry construction shall be 3/8" wide, full height of wall. Joints shall be spaced at a maximum of 24'-0" on center and coordinated with the architect. All horizontal joint reinforcing shall be discontinuous at control joints in masonry. All bond beam horizontal reinforcing shall be continuous at control joints.
- I. Lintels over all openings up to 8'-0" wide in new and existing masonry walls not otherwise noted shall be one L 6x3 1/2x5/16 (LLV) for each 4' width of masonry. All exterior lintels shall be galvanized.
- J. Walls shall be anchored top and bottom by dowels matching wall vertical reinforcing (unless noted otherwise) from floor slab bottom and bracing angles at the top, per details on the drawings.

## 11. Statement of Structural Special Inspections

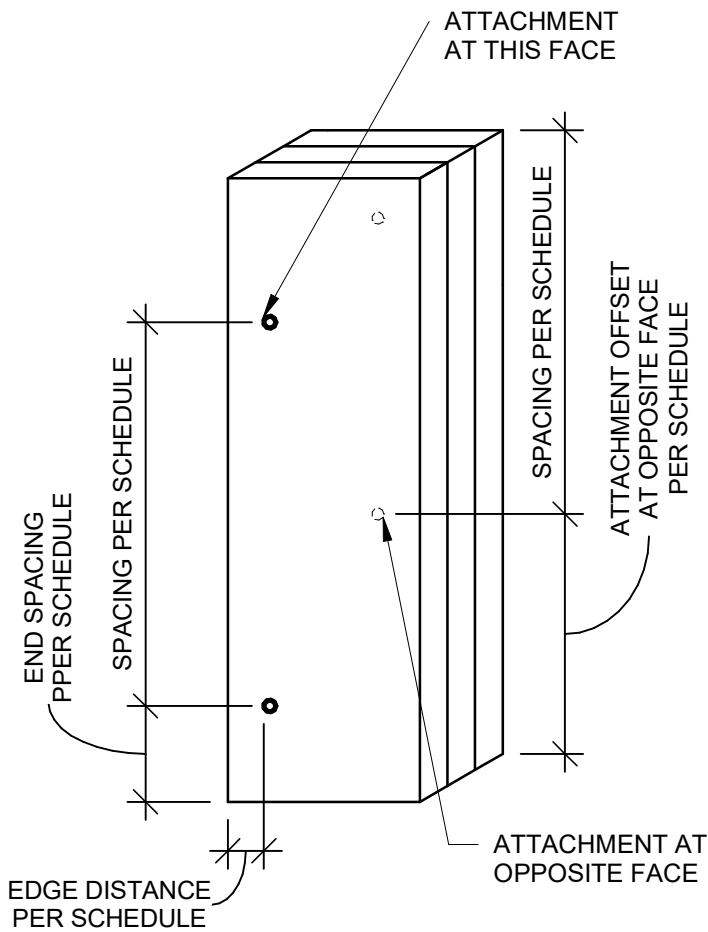
- A. The structural design for this project is based on completion of special inspections during construction in accordance with section 1704 of the International Building Code. The owner shall employ one or more qualified special inspectors to provide the required special inspections.
- B. The special inspector shall furnish inspection reports to the building official, owner, architect and structural engineer, and any other designated person.
- C. All discrepancies shall be brought to the immediate attention of the contractor for correction, then, if uncorrected, to the proper signed authority, building official and structural engineer.
- D. The special inspector shall submit a final inspection report stating that the work requiring special inspection was, to the best of the inspector's knowledge, in conformance with the approved plans and specifications and the applicable workmanship provisions of the building code.
- E. The following inspections and tests are required with the frequency (continuous or periodic) as defined within the referenced section or standard listed below. The General Contractor shall provide notification to the inspector when items requiring inspection are ready to be inspected and provide access for those inspections.
  - 1. Shop Fabrication – structural steel per Section 1704.2.5 unless AISI certified shop
  - 2. Shop Fabrication – pre-engineered wood trusses per Section 1704.2.5 unless TPI certified shop
  - 3. Steel Construction per Section 1705.2 and the quality assurance requirements of AISI 341 Chapter J (as referenced by AISI 360)
  - 4. Concrete Construction per Section 1705.3 and Table 1705.3
    - a. Reinforcing Steel Placement
    - b. Reinforcing Steel Welding
    - c. Cast in Place Anchors
    - d. Post Installed Anchors
    - e. Design Mix Verification
    - f. Concrete Sampling and Testing
    - g. Concrete Placement
    - h. Concrete Curing
    - i. Formwork Shape, Location and Dimensions
  - 5. Masonry Construction per Section 1705.4 and the quality assurance requirements of TMS 402/AISC305/ASCE5 and TMS602/A530.1/ASCE6 Level 2
  - 6. Wood Construction- Metal-Plate-Connected wood trusses spanning 60 feet or greater per Section 1705.3.2
  - 7. Verification of Soils per Table 1705.6
  - 8. Wood Lateral System (periodic)
    - a. Wood shearwalls (include sheathing, rim board and bottom plate attachments)
    - b. Portal frames
    - c. Shear wall and portal frame holdowns
    - d. Shear wall tension rod system
  - 9. Wood Gravity Framing and Placement (adjust frequency of random sampling where indicated as required)
    - a. Heavy timber/SCM glulam beams and supports (periodic)
    - b. Headers and jamps (random sampling)
    - c. Bearing walls (random sampling)
    - d. Connector/hardware installation (random sampling)
    - e. Floor and roof trusses (random sampling)

## 12. Copyright and Disclaimer



SHEARWALL SCHEDULE					
SHEARWALL TYPE		FLOOR			PLATE CONNECTION (SILL TO RIM BOARD & RIM BOARD TO TOP PLATE) (RE: NOTES 6 & 7)
		1st FLOOR WALLS	2nd FLOOR WALLS	3rd FLOOR WALLS	
SW-1	MATERIAL & THICKNESS	19/32" OSB SHEATHING EACH SIDE w/ EDGES BLOCKED	15/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	15/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	<b>3rd FLR:</b> 16d NAILS @4"oc <b>2nd FLR:</b> 30d NAILS @ 2"oc
	NAIL SIZE & SPACING	10d NAILS 2/12	10d NAILS 3/12	10d NAILS 6/12	
	NO. OF STUDS AT HOLD-DOWN	(4)2x6	(3)2x6	(2)2x6	
	HOLD-DOWN TYPE	HDU14-SDS2.5 (RE: 11/S4.1)	HDU8-SDS2.5	HDU4-SDS2.5	
SW-2	MATERIAL & THICKNESS		18"Lg SIMPSON STRONG WALL EACH SIDE OF GARAGE DOOR OPENING. FOLLOW MANUFACTURER REQUIREMENTS FOR ANCHORAGE AND ATTACHMENT TO STRUCTURE.	7/16" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	
	NAIL SIZE & SPACING			8d NAILS 6/12	
	NO. OF STUDS AT HOLD-DOWN			(2)2x6	
	HOLD-DOWN TYPE			HDU8-SDS2.5	
SW-3	MATERIAL & THICKNESS		15/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	15/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	
	NAIL SIZE & SPACING		10d NAILS 3/12	10d NAILS 4/12	
	NO. OF STUDS AT HOLD-DOWN		(4)2x6	(2)2x6	
	HOLD-DOWN TYPE		HDU11-SDS2.5	HDU11-SDS2.5	
SW-4	MATERIAL & THICKNESS	7/16" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	
	NAIL SIZE & SPACING	8d NAILS 6/12	8d NAILS 6/12	8d NAILS 6/12	
	NO. OF STUDS AT HOLD-DOWN	(2)2x6	(2)2x6	(2)2x6	
	HOLD-DOWN TYPE	HDU5-SDS2.5	HDU5-SDS2.5	HDU5-SDS2.5	
SW-5	MATERIAL & THICKNESS	15/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	7/16" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	
	NAIL SIZE & SPACING	8d NAILS 3/12	8d NAILS 4/12	8d NAILS 6/12	
	NO. OF STUDS AT HOLD-DOWN	(2)2x6	(2)2x6	(2)2x6	
	HOLD-DOWN TYPE	HDU8-SDS2.5	HDU8-SDS2.5	HDU5-SDS2.5	
SW-6	MATERIAL & THICKNESS		15/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	15/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	<b>3rd FLR:</b> 16d NAILS @4"oc <b>2nd FLR:</b> 30d NAILS @ 2"oc
	NAIL SIZE & SPACING		10d NAILS 2/12	10d NAILS 4/12	
	NO. OF STUDS AT HOLD-DOWN		(4)2x6	(3)2x6	
	HOLD-DOWN TYPE		HDU14-SDS2.5	HDU8-SDS2.5	
SW-7	MATERIAL & THICKNESS	19/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	19/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	19/32" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED	<b>3rd FLR:</b> 16d NAILS @4"oc <b>2nd FLR:</b> 30d NAILS @ 2"oc
	NAIL SIZE & SPACING	10d NAILS 2/12	10d NAILS 3/12	10d NAILS 6/12	
	NO. OF STUDS AT HOLD-DOWN	(4)2x6	(3)2x6	(2)2x6	
	HOLD-DOWN TYPE	HDU14-SDS2.5	HDU8-SDS2.5	HDU4-SDS2.5	
SW-8	MATERIAL & THICKNESS	7/16" OSB SHEATHING ONE SIDE w/ EDGES BLOCKED			
	NAIL SIZE & SPACING	8d NAILS 6/12			
	NO. OF STUDS AT HOLD-DOWN	(6)2x6			
	HOLD-DOWN TYPE	HDU5-SDS2.5			

- 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.
  - HOLD-DOWNS 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 HOLD-DOWNS SHOWN IN THE SHEARWALL SCHEDULE.
  - PROVIDE 2 WALL STUDS AT EACH HOLDOWN UNLESS NOTED OTHERWISE IN SCHEDULE.
  - NAIL AND STAPLE SPACING SHOWN AS (##) INDICATES FASTENERS SPACING IN INCHES AT THE EDGES/FIELD WHERE FIELD IS THE INTERMEDIATE MEMBERS.
  - TYPICAL SILL PLATE TO WOOD (RIM BOARD) AND WOOD (RIM BOARD) TO TOP PLATES SHALL BE 16d NAILS AT 12"oc UNLESS NOTED OTHERWISE IN SCHEDULE.
  - 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"x4 1/2" PLATE WASHER OR SIMPSON BPS1/2-6 @ CONTRACTORS OPTION  
AT 2x8 WALLS SPACE 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.
  - REFER TO NOTE 10.T ON S0.01 FOR FIRE RETARDANT TREATED SHEATHING REQUIREMENTS.



TYPICAL BUILT-UP STUD PACK CONNECTION

**A DETAIL**  
1 1/2" = 1'-0"

FLOOR AND ROOF FRAMING HEADERS SCHEDULE			
MARK	HEADER	JAMB STUDS (2x6 U.N.O.)	NOTES
H1	(3) 2x8	1 JACK / 1 KING	
H2	(3) 2x8	1 JACK / 2 KING	
H3	(3) 2x10	1 JACK / 1 KING	
H4	(3) 2x8	SEE PLAN	
H5	(3) 2x12	1 JACK / 1 KING	
H6	(3) 1 1/2"x14" LVL	2 JACK / 2 KING	
H7	(3) 1 1/2"x9 1/2" LVL	3 JACK / 2 KING	
H8	(3) 1 1/2"x11-7/8" LVL	3 JACK / 2 KING	

- NOTES:
- JAMB STUDS SHALL MATCH SIZE & GRADE OF WALL STUDS U.N.O.
  - WHERE BEAM IS NOTED "UPSET", ALL JAMB STUDS NOTED WILL EXTEND TO DOUBLE TOP PLATE.
  - ALL EXTERIOR LUMBER TO BE TREATED. REFER TO NOTE 12.T ON SHEET S001 FOR FIRE RETARDANT TREATED HEADER AND STUD REQUIREMENTS.
  - PROVIDE SQUASH BLOCKS AT TRUSSES & BLOCKING FRAMING WHERE JAMBS OR STUD PACKS ARE DISCONT. QUANTITY TO MATCH JAMB OR STUD PACK ABOVE.
  - PROVIDE 1/2" PLYWOOD SPACER PLATES AT INTERIOR HEADERS CONSTRUCTED WITH 2x LUMBER.
  - AT CONTRACTOR'S OPTION, PROVIDE GLULAM IN LIEU OF PSL OF EQUAL OR GREATER STRENGTH.
  - REFER TO DETAIL 4/S002 FOR MULTI-PLY MEMBER CONNECTION REQUIREMENTS.
  - ATTACH JAMB & KING STUDS TOGETHER PER CONNECTION TYPE 24 ON NAILING SCHEDULE ON S001.

STRUCTURAL DECK & SLAB SCHEDULE	
MARK	DESCRIPTION
SOG-1	4" CONCRETE ATOP 15 MIL VAPOR BARRIER PER GENERAL NOTES ATOP 4" FREE DRAINING GRANULAR LEVELING COURSE, ATOP 18" LOW VOLUME CHANGE MATERIAL PER GEOTECH REPORT. REINFORCE SLAB w/ 6x6-W2.9/W2.9 WWF. T/SLAB VARIES PER PLAN AND ARCH.
SOG-2	8" CONCRETE ATOP 15 MIL VAPOR BARRIER PER GENERAL NOTES ATOP 4" FREE DRAINING GRANULAR LEVELING COURSE, ATOP 18" LOW VOLUME CHANGE MATERIAL PER GEOTECH REPORT. REINFORCE SLAB w/ #5@8"oc EACH WAY. T/SLAB VARIES PER PLAN AND ARCH.
FD-1	3/4" T&G APA-RATED SHEATHING. SHEATHING SHALL BE GLUED AND NAILED w/ 8d NAILS @6"oc @ EDGES AND @12"oc @ FIELD OF PANEL.
RD-1	19/32" APA-RATED, EXP-1 SHEATHING ATTACHED w/ 8d NAILS @6"oc @EDGES AND @12"oc FIELD OF PANEL.

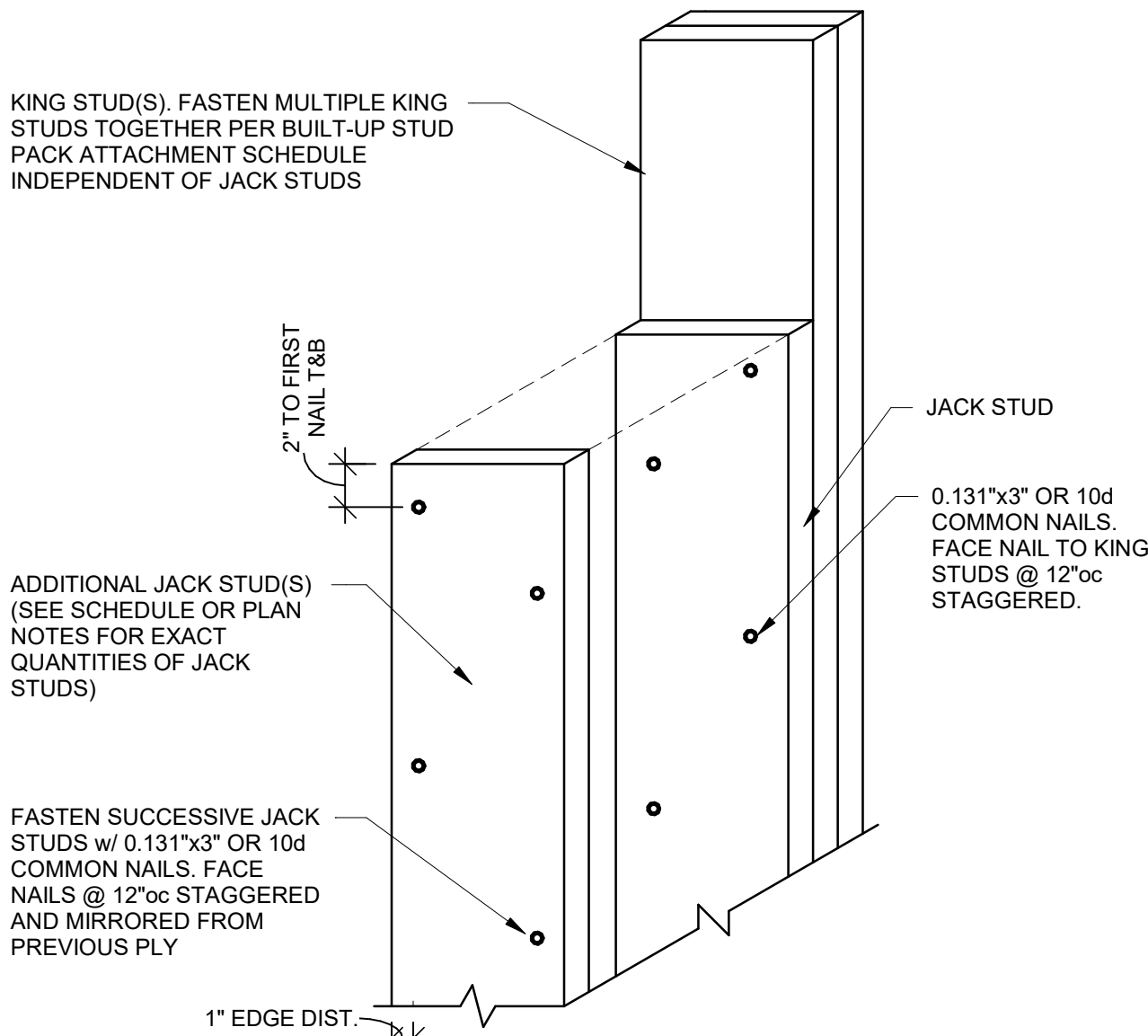
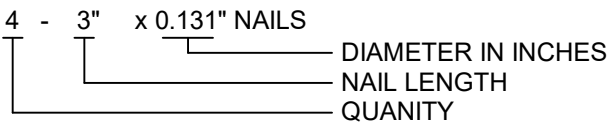
- NOTES:
- SOG = SLAB-ON-GRADE TYPE
  - FD = FLOOR DECK TYPE
  - RD - ROOF DECK TYPE

BUILT-UP STUD PACK COLUMN ATTACHMENT SCHEDULE		
NUMBER OF PLYS	ATTACHMENT AT JAMB STUD PACKS	ATTACHMENT AT WALL STUD PACKS
2-PLY MEMBERS	8d NAILS AT 12"oc, 1" FROM EDGE, w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST NAIL 2" FROM EA. END	8d NAILS AT 12"oc, 1" FROM EDGE, w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST NAIL 2" FROM EA. END
3-PLY MEMBERS	20d NAILS AT 16"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 16"oc w/ FIRST NAIL 4" FROM EA. END	8d NAILS AT 12"oc, 1" FROM EDGE, w/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST NAIL 2" FROM EA. END
4-PLY MEMBERS	SDWS22500 SCREWS AT 16"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 8", @ 16"oc w/ FIRST SCREW 4" FROM EA. END	3 PLYS ATTACHED PER 3-PLY ATTACHMENT w/ 4th PLY ATTACHED w/ 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROW 6"
5-PLY MEMBERS	SDWS22600 SCREWS AT 12"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST SCREW 4" FROM EA. END	3 PLYS ATTACHED PER 3-PLY ATTACHMENT w/ 4th & 5th PLY ATTACHED w/ 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROW 6"
6-PLY MEMBERS	SDWS22800 SCREWS AT 12"oc, 1 1/2" FROM EDGE w/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc w/ FIRST SCREW 4" FROM EA. END	3 PLYS ATTACHED PER 3-PLY ATTACHMENT w/ 4th PLY ATTACHED w/ 8d NAILS AT 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROW 6" AND 5th AND 6th PLYS ATTACHED w/ SDWS22500 SCREWS @ 12"oc IN 2 ROWS, 1 1/2" FROM EDGE, OFFSET ROWS 8"oc w/ FIRST SCREW 4" FROM EA. END

- NOTES:
- ALL BUILT-UP STUD PACKS MUST ALIGN FLOOR-TO-FLOOR WITH SOLID BLOCKING (SQUASH BLOCKS) AT FLOOR CAVITIES.
  - EXTEND ALL STUD PACKS TO LOWEST LEVEL UNLESS NOTED OTHERWISE.
  - ALL NAILS ARE COMMON NAILS UNLESS NOTED OTHERWISE.
  - JAMB STUD PACKS ARE STUDS SUPPORTING STRUCTURAL MEMBERS SUCH AS BEAMS, HEADERS, GIRDER TRUSSES, ETC.
  - WALL STUD PACKS ARE REPETITIVE STUDS BETWEEN WALL PLATES AS SCHEDULED IN THE "STUD BEARING WALL SCHEDULE".

NAILING SCHEDULE (REFER TO NOTES #1 and #2)		
CONNECTION	ATTACHMENTS (REF NOTE #3 and #4)	
JOIST TO SILL OR GIRDER	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
BRIDGING TO JOIST	2- 3" x 0.131" NAILS-TOENAIL EACH END	2-8d NAILS-TOENAIL EACH END
SOLE PLATE TO JOIST OR BLOCKING	3" x 0.131" NAILS AT 8"o.c.- TYPICAL FACE NAIL 4-3" x 0.131" NAILS AT 6"o.c. BRACED WALL PANELS	16d BOX NAILS AT 16"o.c. MAX. FACE NAILING 3-16d BOX NAILS AT 16"o.c. BRACED WALL PANEL
TOP PLATE TO STUD	3- 3" x 0.131" NAILS-END NAIL	2-16d NAILS-END NAIL
STUD TO SOLE PLATE	4- 3" x 0.131" NAILS-TOENAIL OR 3- 3" x 0.131" NAILS-END NAIL	4-8d NAILS-TOENAIL OR 2-16d NAILS-END
DOUBLE STUDS	3" x 0.131" NAILS AT 8"o.c.-FACE NAIL	16d BOX NAILS AT 24"o.c. MAX. FACE NAIL
DOUBLED TOP PLATES	3" x 0.131" NAILS AT 12"o.c.-FACE NAIL	16d BOX NAILS AT 16"o.c. MAX. FACE NAIL
DOUBLE TOP PLATE LAPS AND INTERSECTIONS	12-3" x 0.131" NAILS	8-16d NAILS
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3-3" x 0.131" NAILS -TOENAIL	3-8d NAILS-TOENAIL
RIM JOIST TO TOP PLATE	3" x 0.131" NAILS AT 6"o.c.-TOENAIL	8d NAILS AT 6"o.c. MAX.-TOENAIL
TOP PLATE LAPS AND INTERSECTIONS	3- 3" x 0.131" NAILS-FACE NAIL	2-16d NAILS-FACE NAIL
CONTINUOUS HEADER, TWO PIECES	3" x 0.131" NAILS AT 10"o.c. ALONG EACH EDGE	16d NAILS AT 16"o.c. MAX. ALONG EACH EDGE-TOENAIL
CEILING JOISTS TO PLATE	5- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
CONTINUOUS HEADER TO STUD	4- 3" x 0.131" NAILS-TOENAIL	4-8d NAILS-TOENAIL
CEILING JOISTS, LAPS OVER PARTITIONS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
CEILING JOISTS TO PARALLEL RAFTERS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
RAFTER TO PLATE	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
1" BRACE TO EACH STUD AND PLATE	2- 3" x 0.131" NAILS-FACE NAIL	2-8d NAILS-FACE NAIL
BUILT-UP CORNER AND MULTIPLE STUDS	3" x 0.131" NAILS AT 16"o.c.	16d NAILS AT 24"o.c. MAX.
BUILT-UP GIRDER AND BEAMS	3" x 0.131" NAILS AT 24"o.c. FACE NAILED TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES 3- 3" x 0.131" NAILS AT ENDS AND EACH SPLICE	20d NAILS AT 32"o.c. MAX. TOP AND BOTTOM, STAGGERED ON OPPOSITE SIDES 2-20d NAILS AT ENDS AND EACH SPLICE
BUILT-UP LAMINATED VENEER LUMBER BEAMS	3" x 0.131" NAILS AT 6"o.c. TOP AND BOTTOM ALONG EDGE	16d NAILS AT 12"o.c. TOP AND BOTTOM ALONG EDGE
2" PLANKING	4- 3" x 0.131" NAILS AT EACH SUPPORT	16d NAILS AT EACH SUPPORT

- NOTES:
- ALL NAILS SHALL BE AS NOTED UNLESS OTHERWISE SPECIFIED ON STRUCTURAL DRAWINGS OR ALTERNATE PROVIDED BY ENGINEER IN WRITING.
  - CONDITIONS NOT SPECIFIED SHALL BE IN ACCORDANCE WITH CURRENT INTERNATIONAL BUILDING CODE.
  - ALL NAILS NOTED AS 8d, 10d, 16d, ETC. SHALL BE COMMON NAILS UNLESS NOTED BOX.
  - NAILING DESIGNATION:



TYPICAL JACK STUD ATTACHMENT

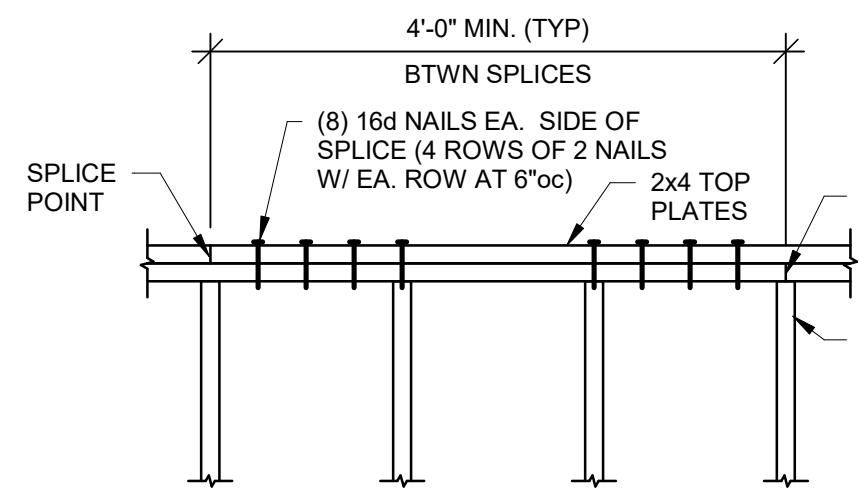
**B DETAIL**  
1 1/2" = 1'-0"



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**S0.2**



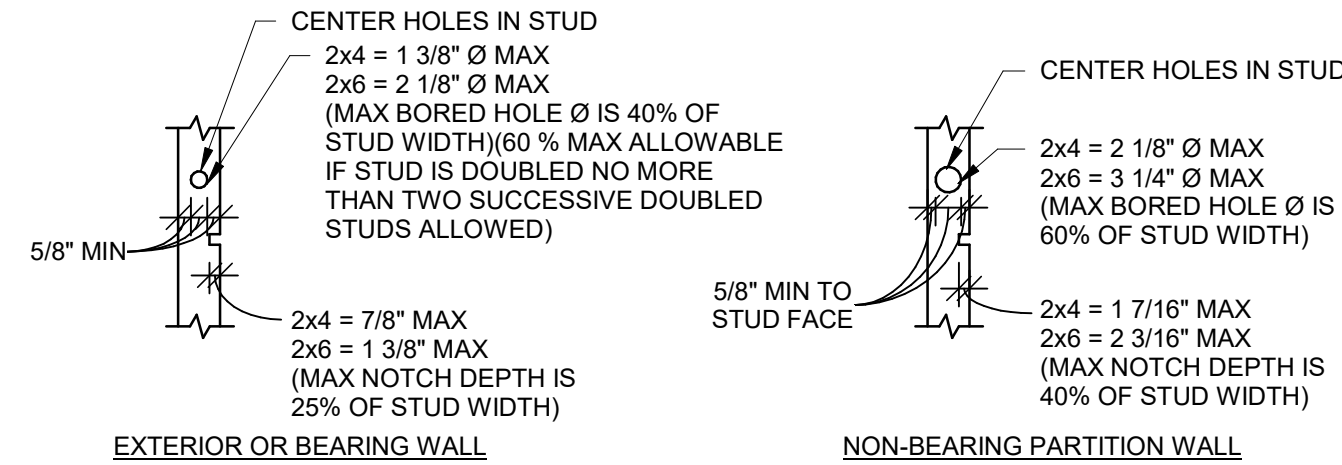


(TYP) TOP PLATE SPLICE

- NOTES:
1. INSTALL ENDS OF TOP PLATES TIGHT FOR COMPRESSION CHORD AXIAL FORCE.
  2. PROVIDE STRAPS PER DETAIL 1A WHERE THIS DETAIL IS NOT SATISFIED.

## 1 DETAIL

3/4" = 1'-0"



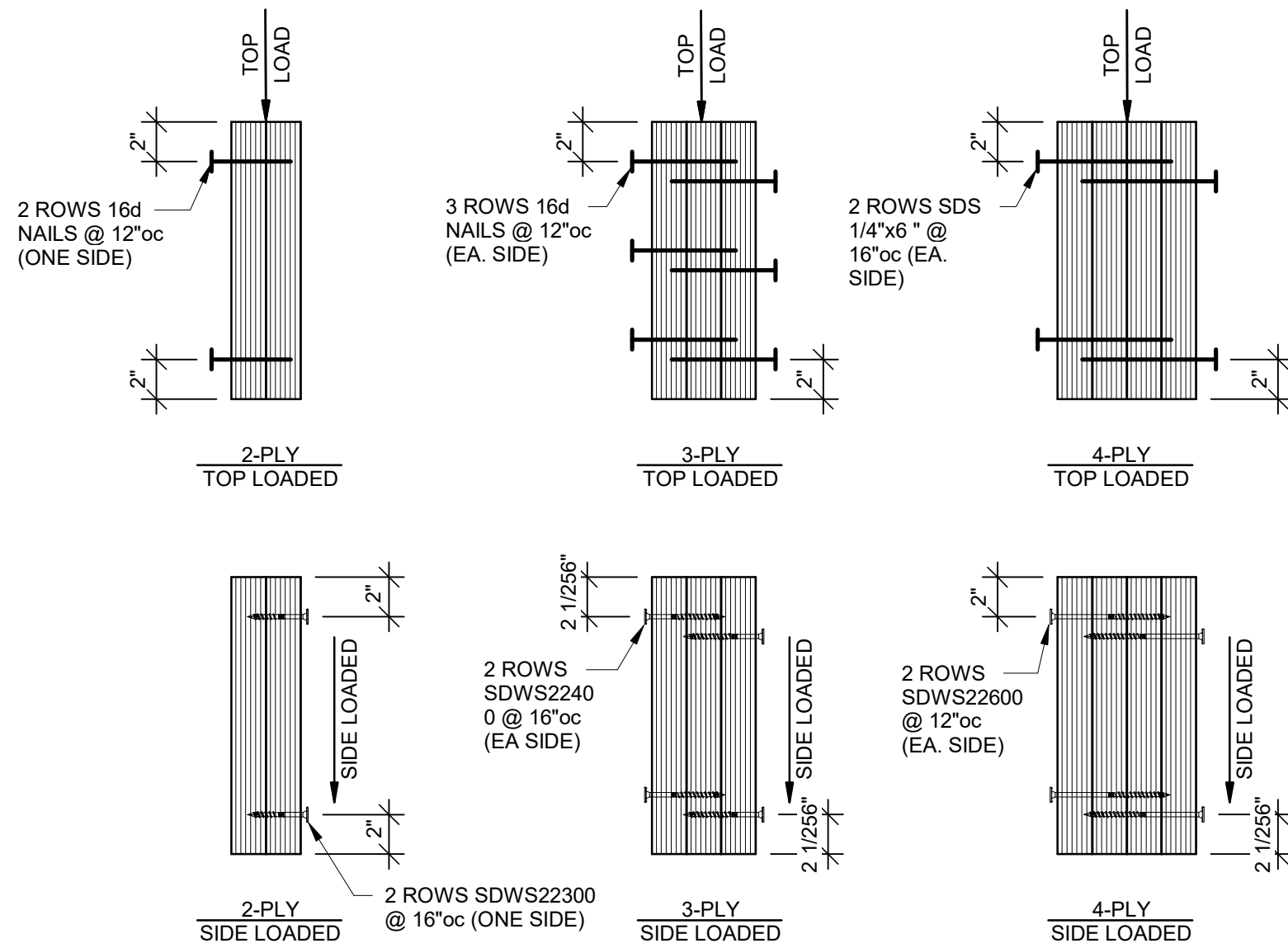
TYPICAL NOTES FOR BEARING WALLS

1. HOLES SHALL NOT BE LOCATED IN THE SAME STUD AS A CUT OR NOTCH.
2. CONTACT ARCHITECT PRIOR TO CUTTING OR NOTCHING TO VERIFY SIZE AND LOCATION IF HOLE IS GREATER THAN 20% STUD WIDTH OR NOTCHES GREATER THAN 10% STUD WIDTH ARE REQUIRED IN TWO OR MORE CONSECUTIVE STUDS.
3. NOTCHES OR HOLES ARE NOT PERMITTED IN JAMBS, STUD PACKS AND AT ENDS OF SHEARWALLS.
4. STUD SHOES ARE NOT AN ACCEPTABLE REMEDIATION OF OVER-NOTCHED OR OVER-CUT STUDS WITHOUT PRIOR APPROVAL BY EOR.

ALLOWABLE HOLES/NOTCHES IN WALL STUDS

## 2 DETAIL

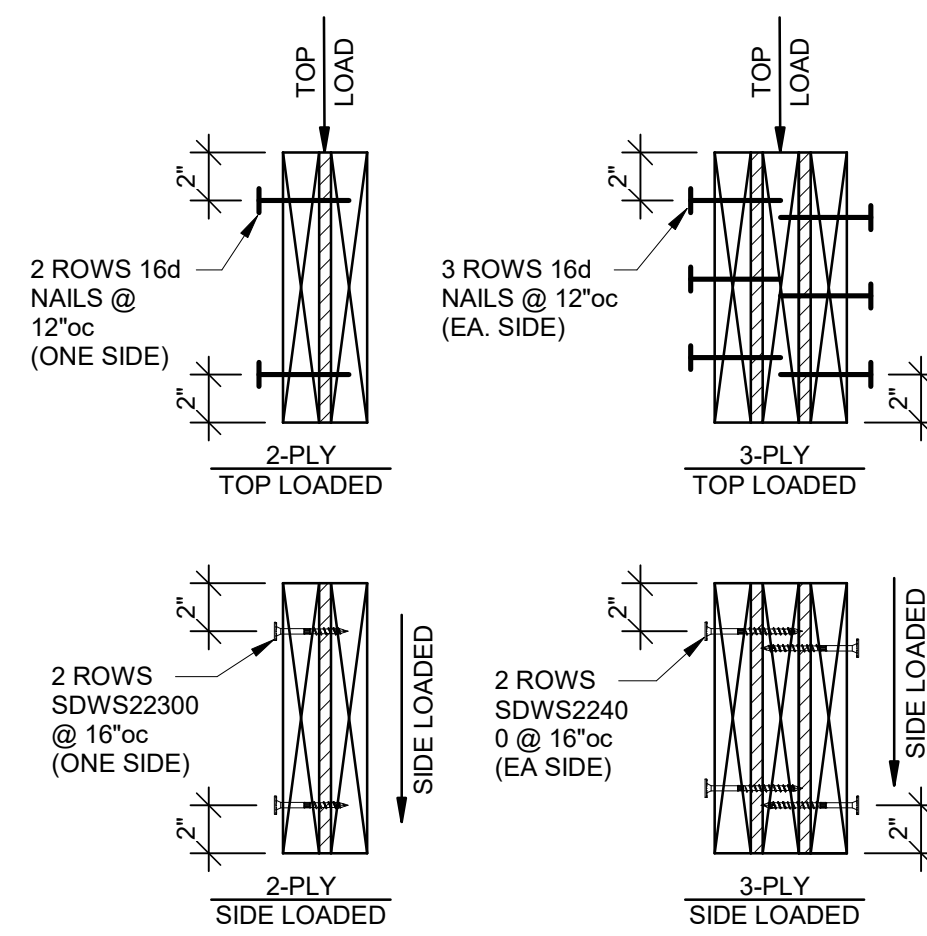
3/4" = 1'-0"



TYPICAL MULTI-PLY BEAM CONNECTION

## 5 DETAIL

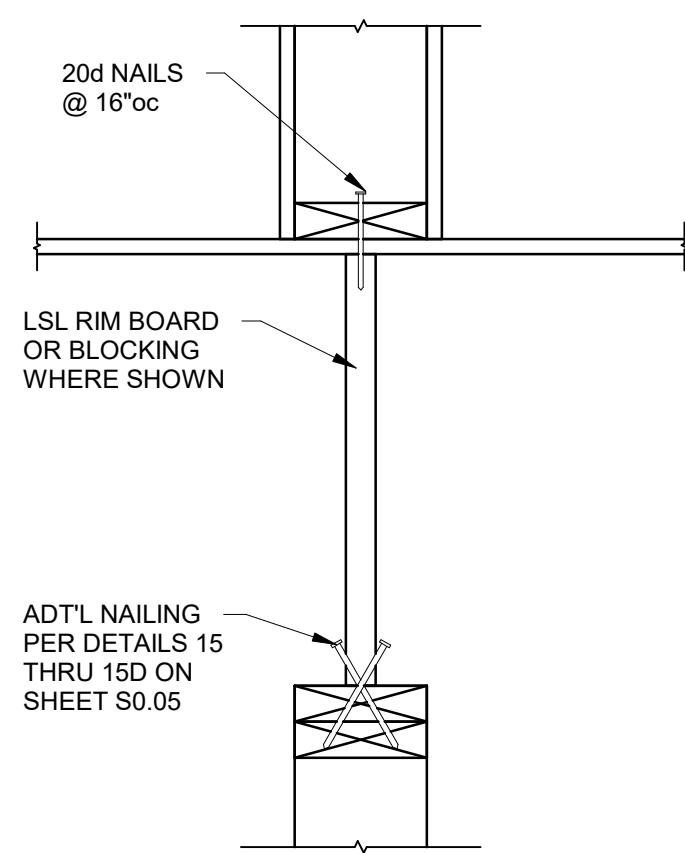
1 1/2" = 1'-0"



TYPICAL MULTI-PLY HEADER CONNECTION

## 6 DETAIL

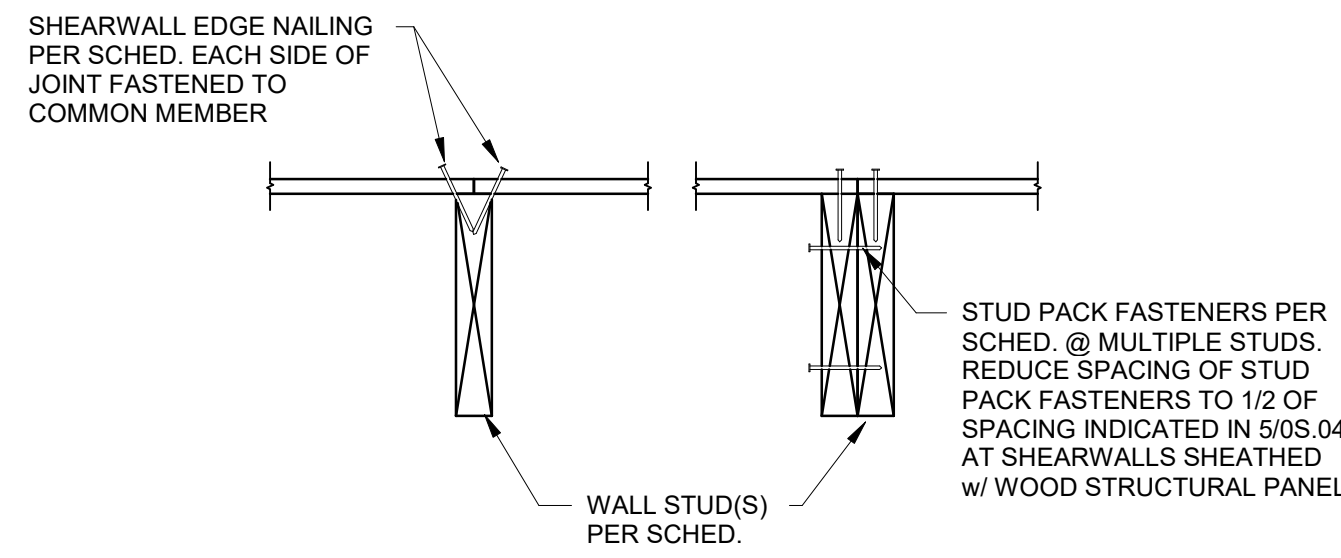
1 1/2" = 1'-0"



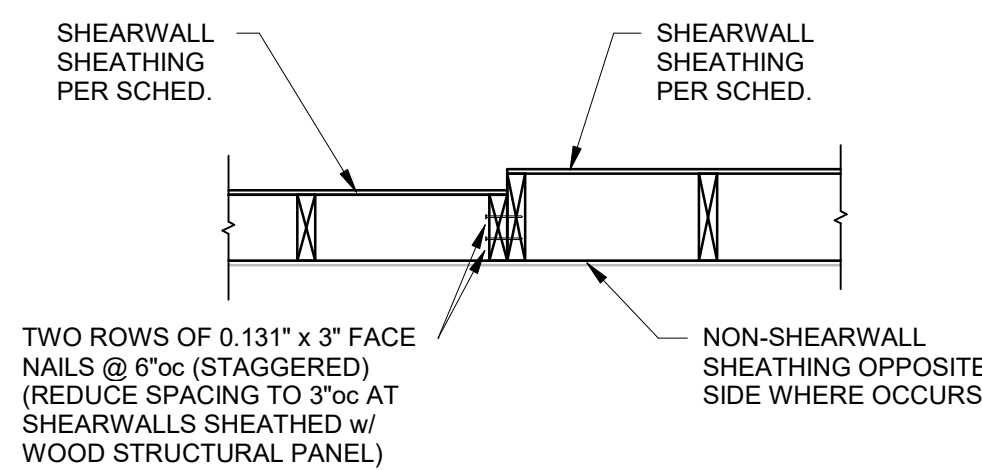
TYPICAL SHEARWALL SILL PL ATTACHMENT AT 2x SILL

## 9 SECTION

1 1/2" = 1'-0"



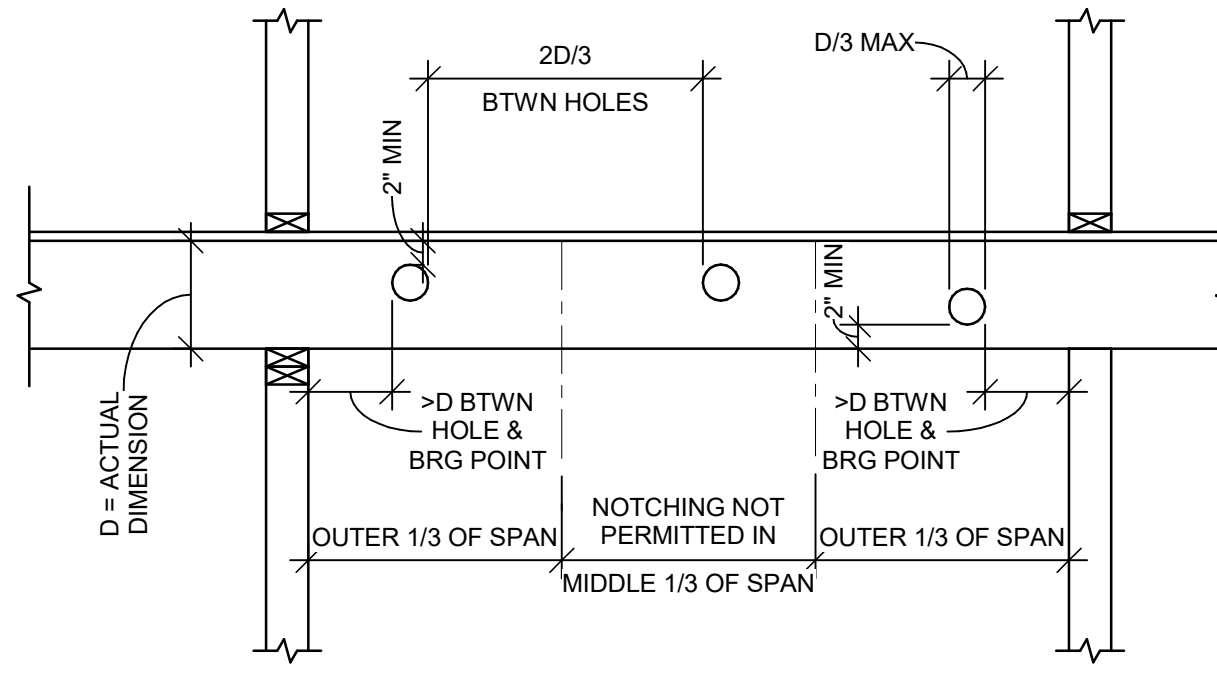
TYPICAL SHEARWALL SHEATHING JOINT



TYPICAL SHEARWALL DETAIL AT WALL STUD SIZE TRANSITION

## 12 SECTION

3/4" = 1'-0"

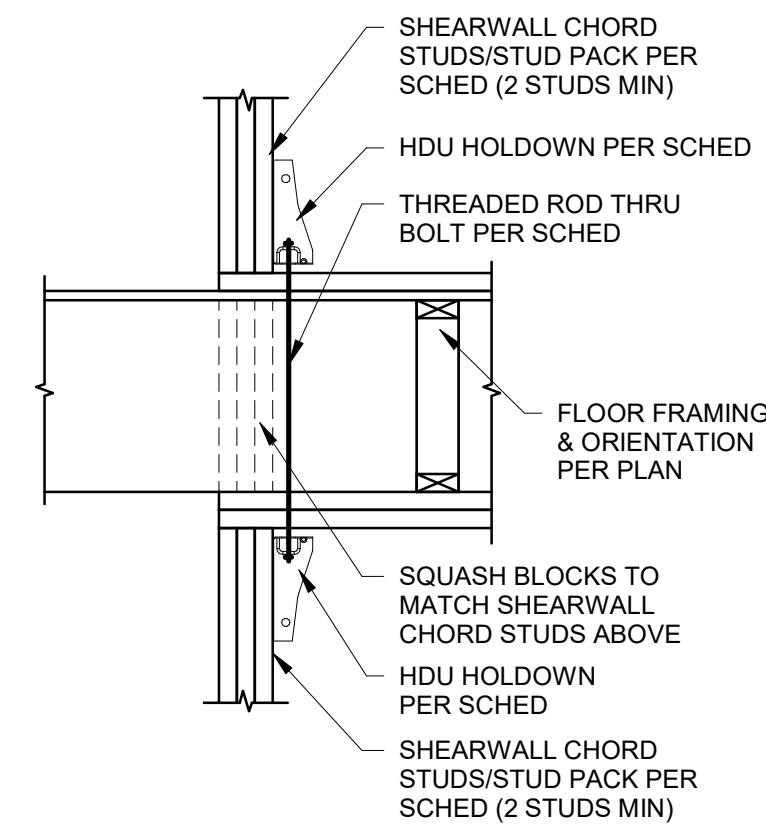


- NOTES:
1. CONTACT ARCHITECT PRIOR TO CUTTING JOISTS TO VERIFY SIZE AND LOCATION.
  2. DETAIL APPLIES TO 2x FRAMING ONLY. REFER TO ENGINEERED OR COMPOSITE LUMBER MANUFACTURER'S RECOMMENDATIONS AT PSL's, LVL's, LSL's & GLULAM's.

ALLOWABLE HOLES IN 2x JOIST FRAMING

## 3 DETAIL

3/4" = 1'-0"

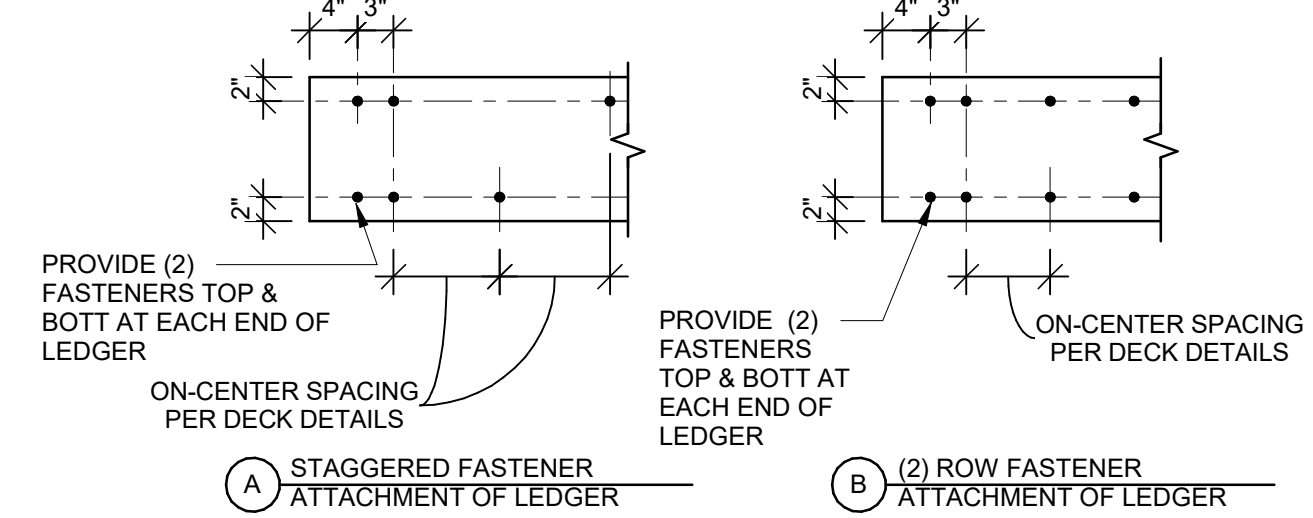


TYPICAL HDU FLOOR TO FLOOR HOLDOWN

## 7 SECTION

3/4" = 1'-0"

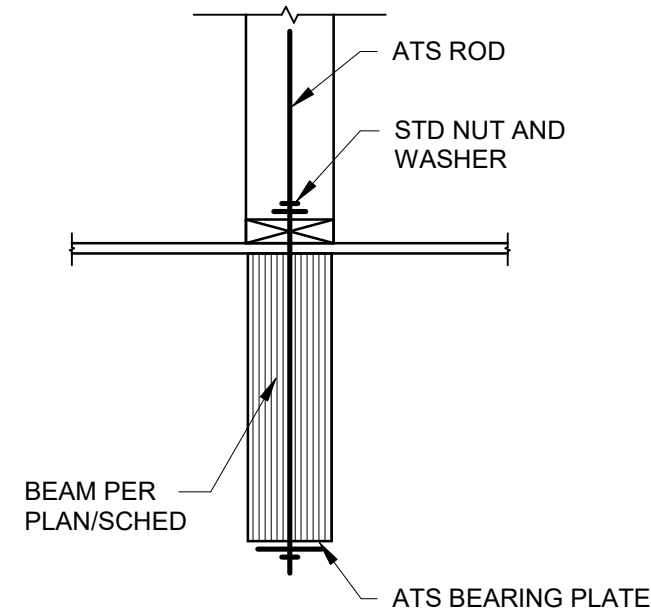
NOTE: LEDGER SIZE, FASTENER SIZE AND FASTENER SPACING PER DECK DETAILS



TYPICAL LEDGER CONNECTION

## 4 DETAIL

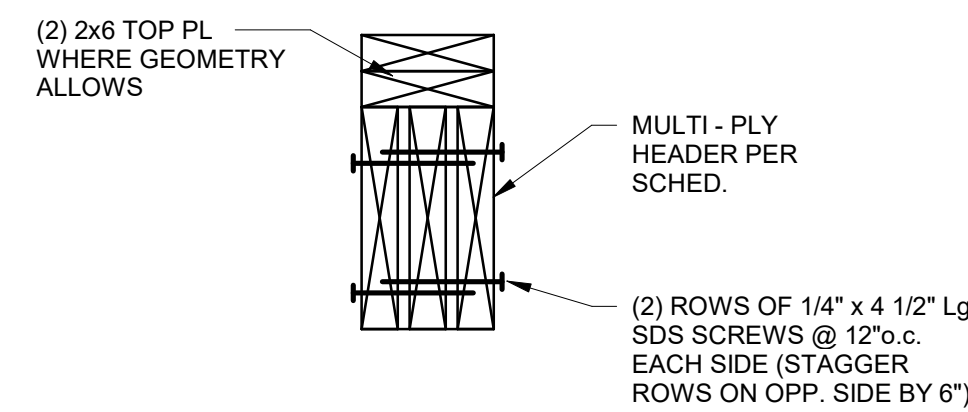
3/4" = 1'-0"



TYPICAL HOLDOWN ATOP WOOD BM

## 8 SECTION

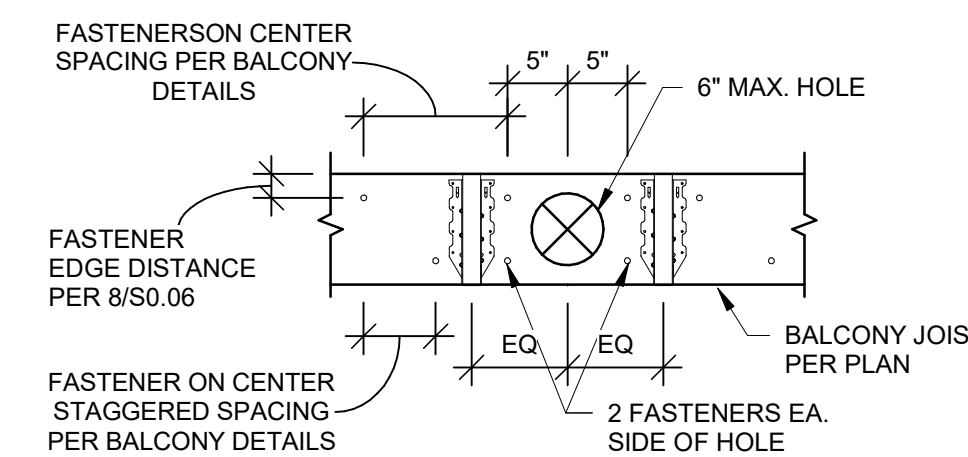
1" = 1'-0"



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

## 11 SECTION

1 1/2" = 1'-0"



TYPICAL HOLE THRU LEDGER DETAIL

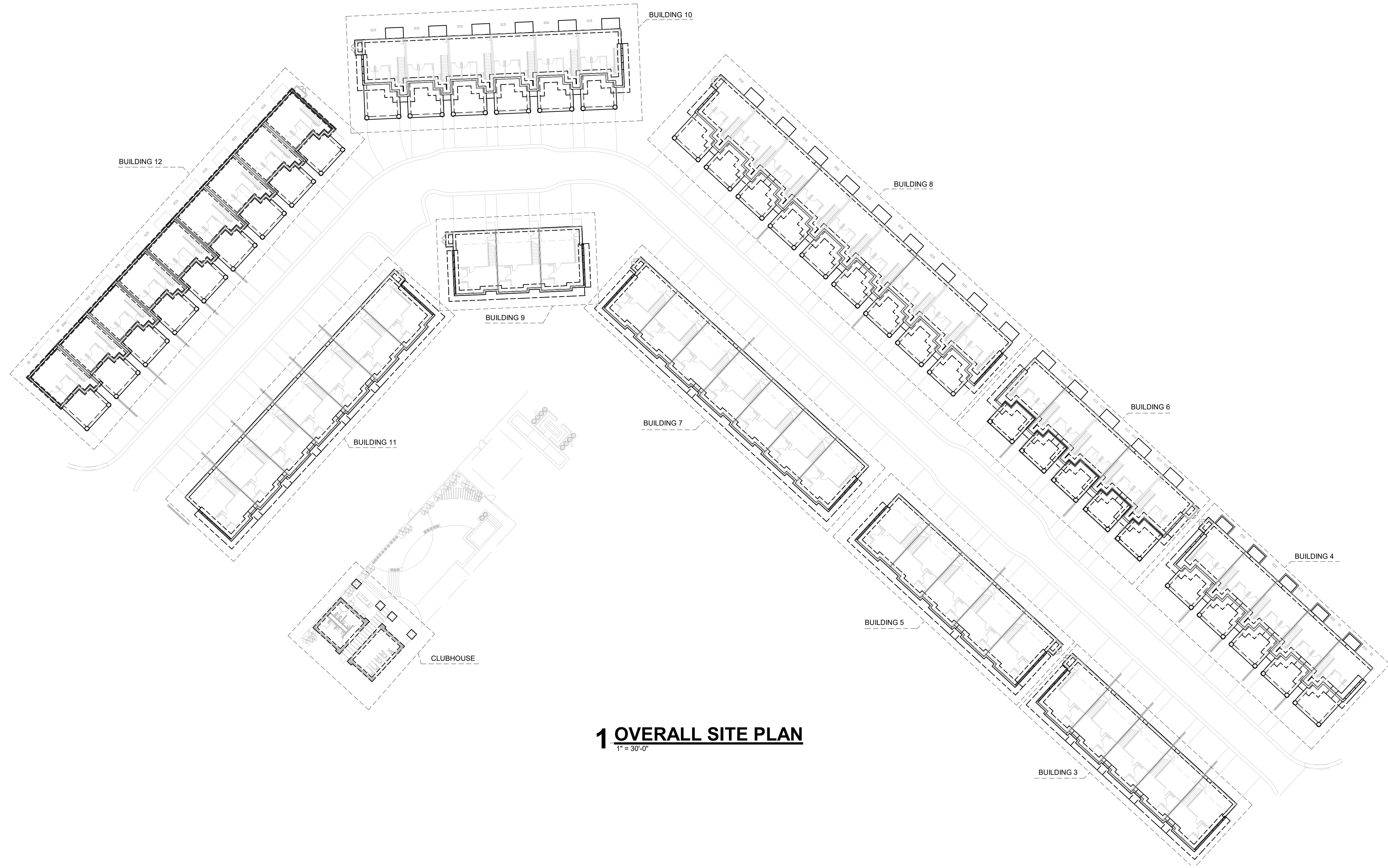
## 13 SECTION

3/4" = 1'-0"



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**1 OVERALL SITE PLAN**



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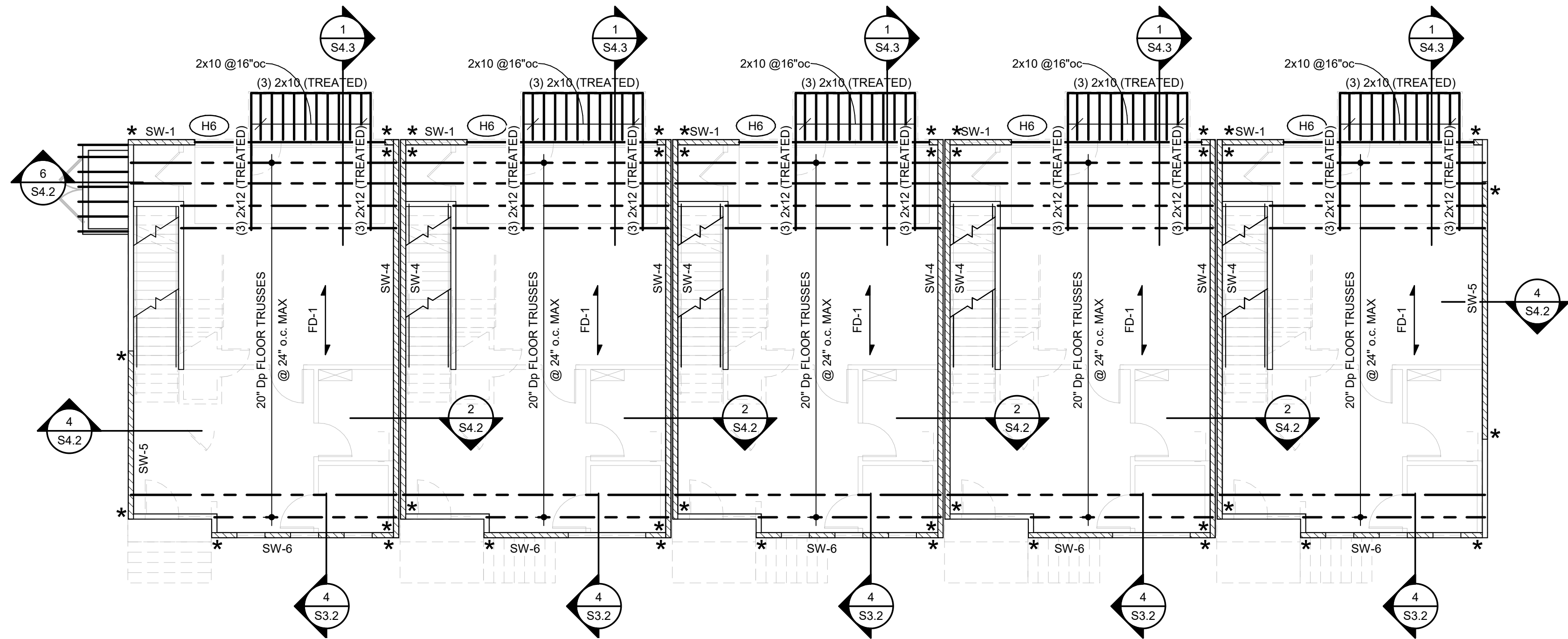
**S1.0**

**LENEXA CITY CENTER \_ NORTH VILLAGE TOWNHOMES**  
**NEW TOWNHOMES COMPLEX**  
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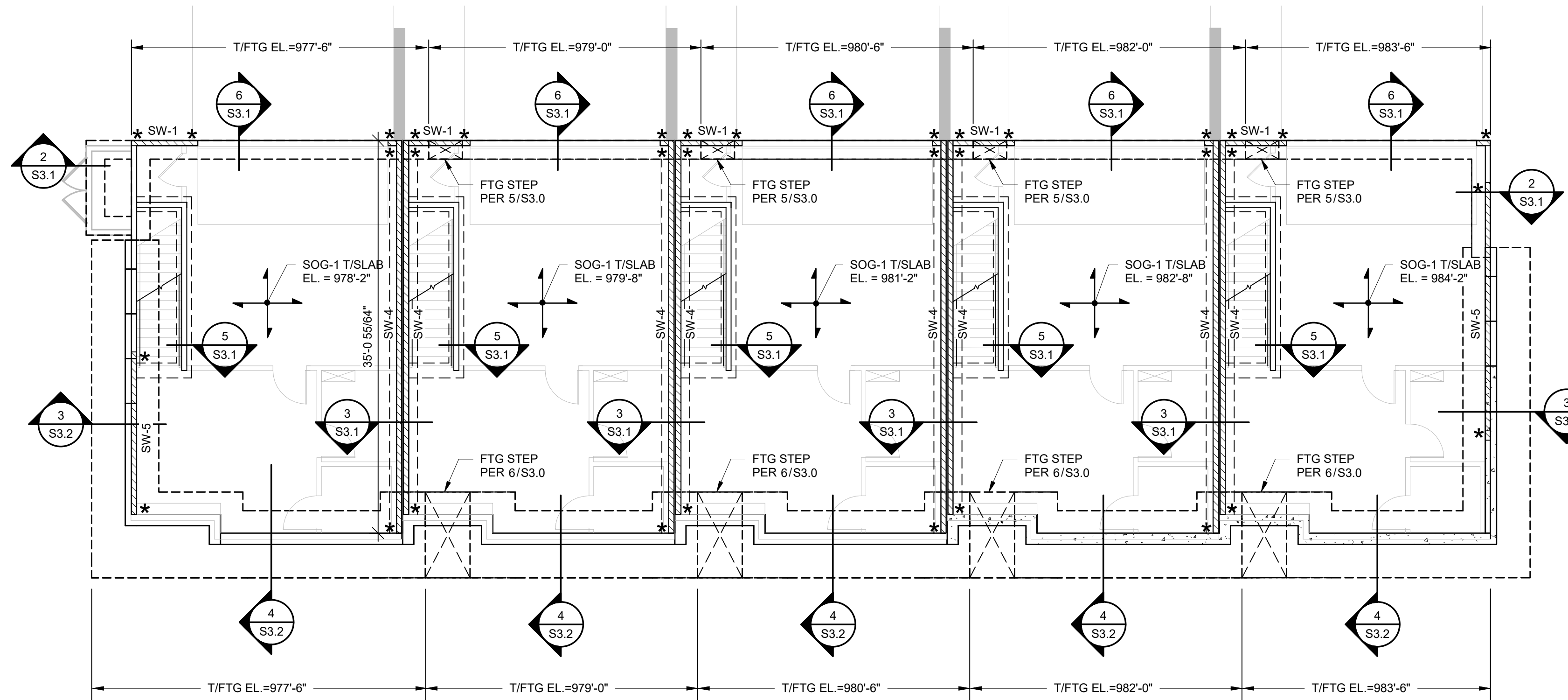


**2 BUILDING 3 - LEVEL 2 FRAMING PLAN**

1/8" = 1'-0"

**NOTES:**

1. REFER TO STRUCTURAL GENERAL NOTES ON SHEET S0.1
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
3. \*\* DENOTES HOLD-DOWN LOCATION; RE: SHEAR WALL SCHEDULE.

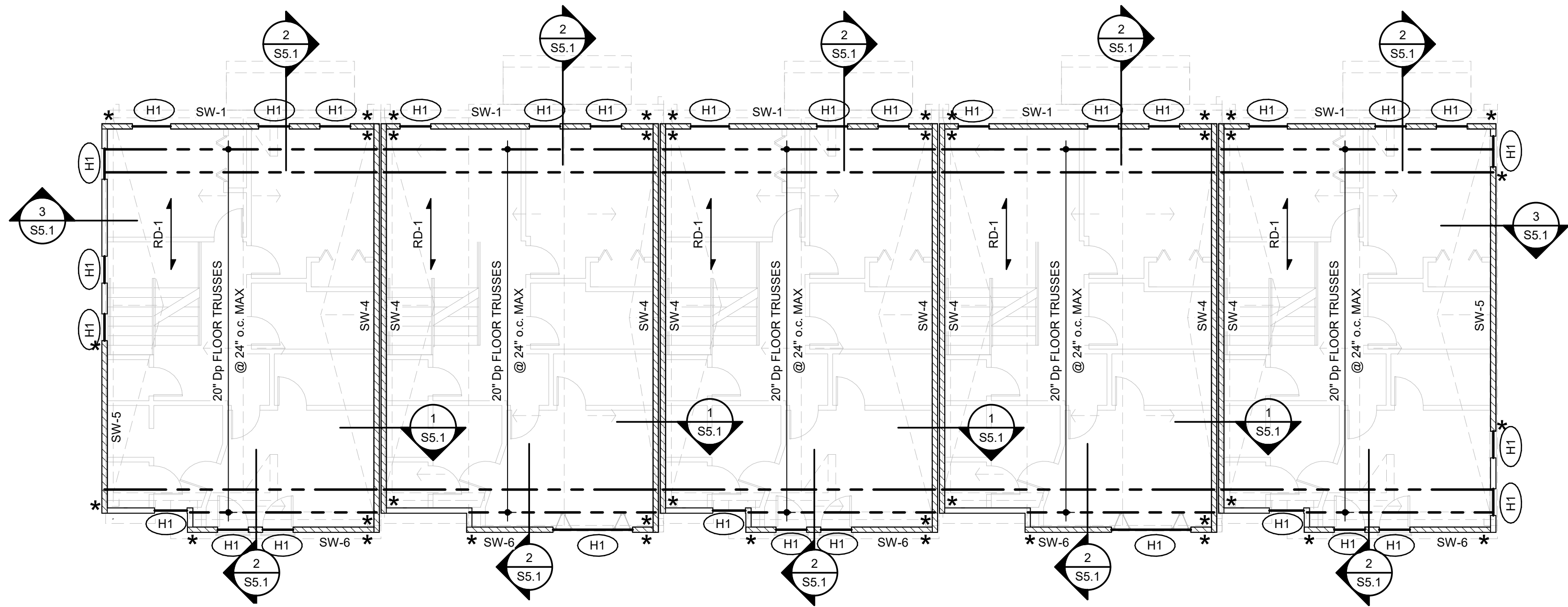


**1 BUILDING 3 - FOUNDATION PLAN**

1/8" = 1'-0"

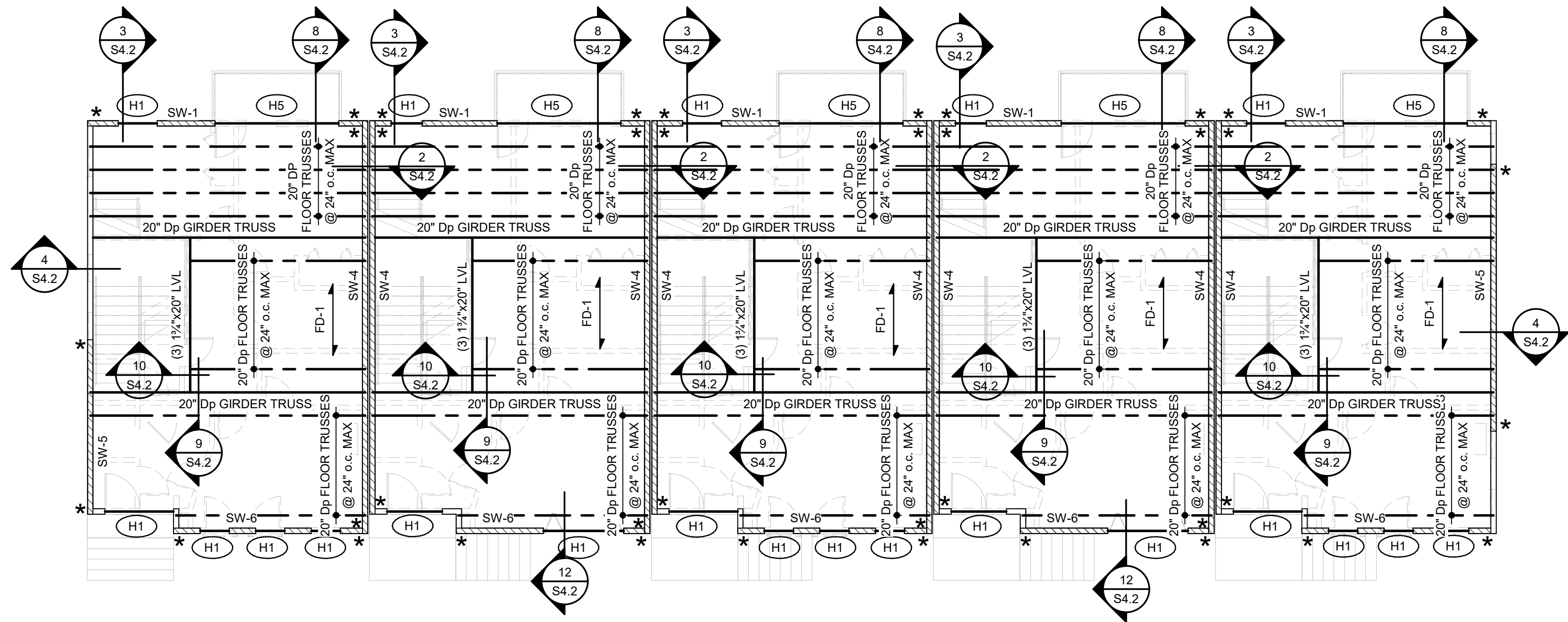
**NOTES:**

1. REFER TO STRUCTURAL GENERAL NOTES ON SHEET S0.1
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
3. \*\* DENOTES HOLD-DOWN LOCATION; RE: SHEAR WALL SCHEDULE.



## 2 BUILDING 3 - ROOF FRAMING PLAN

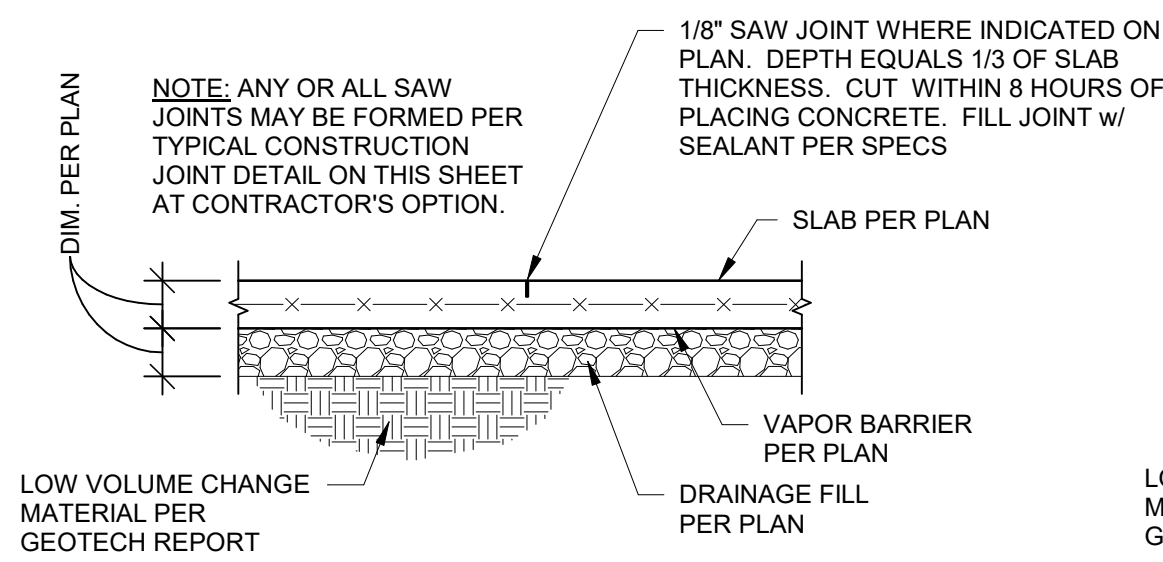
- 1/8" = 1'-0"
- NOTES:**
1. REFER TO STRUCTURAL GENERAL NOTES ON SHEET S0.1
  2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
  3. \*\* DENOTES HOLD-DOWN LOCATION; RE: SHEAR WALL SCHEDULE.



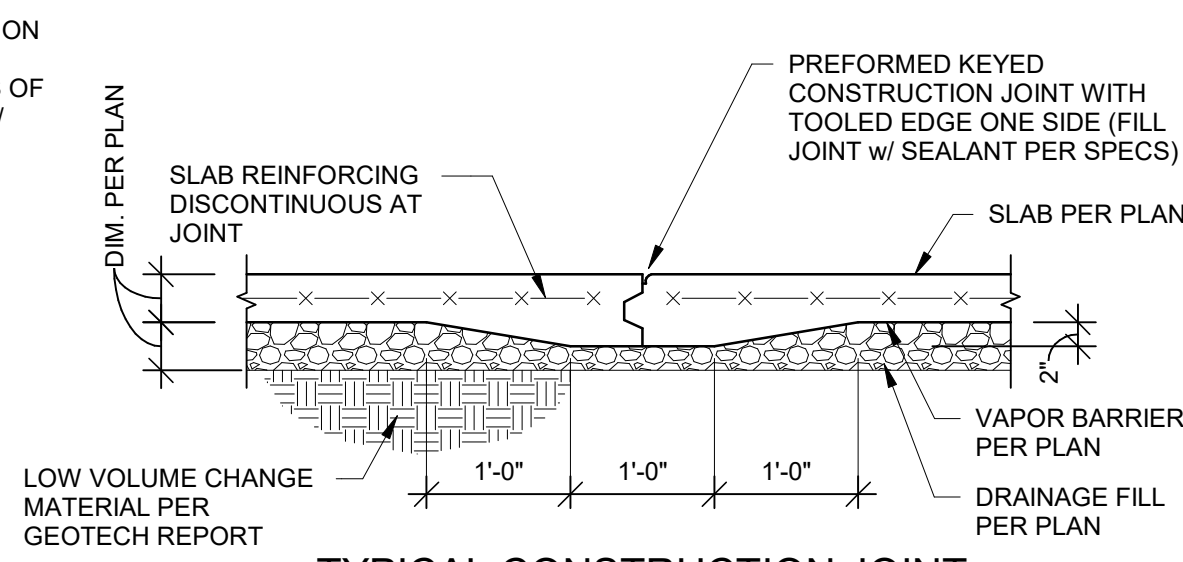
## 1 BUILDING 3 - LEVEL 3 FRAMING PLAN

- 1/8" = 1'-0"
- NOTES:**
1. REFER TO STRUCTURAL GENERAL NOTES ON SHEET S0.1
  2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS.
  3. \*\* DENOTES HOLD-DOWN LOCATION; RE: SHEAR WALL SCHEDULE.

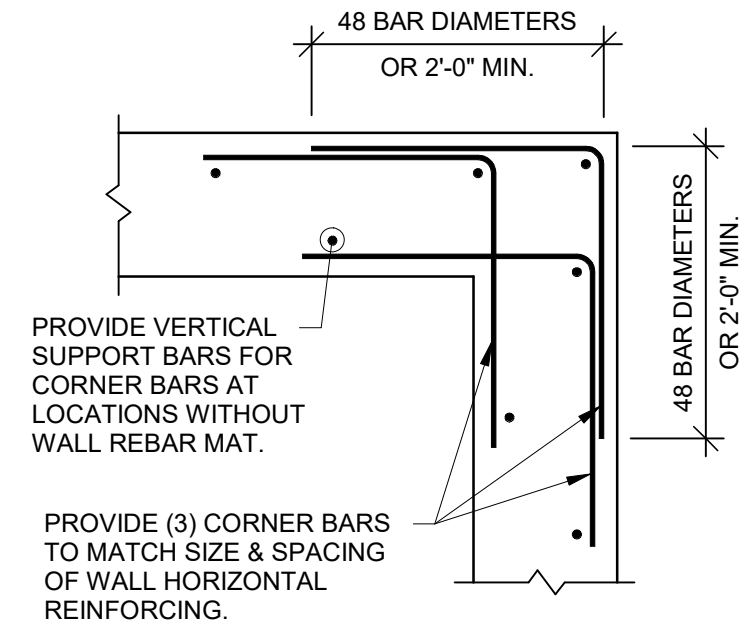




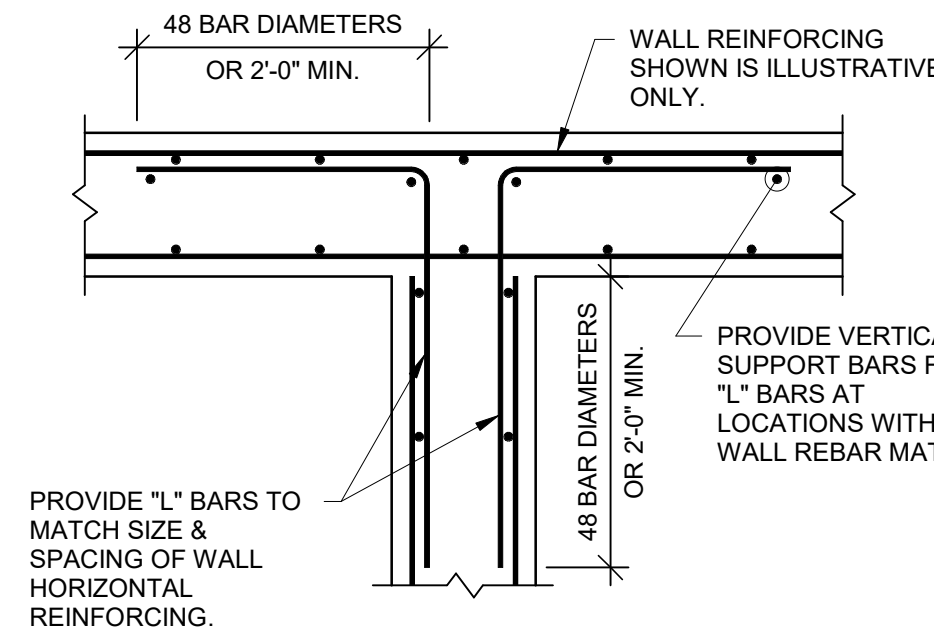
**TYPICAL SAW JOINT  
NOTED "SJ" ON PLAN**  
**1 SECTION**  
3/4" = 1'-0"



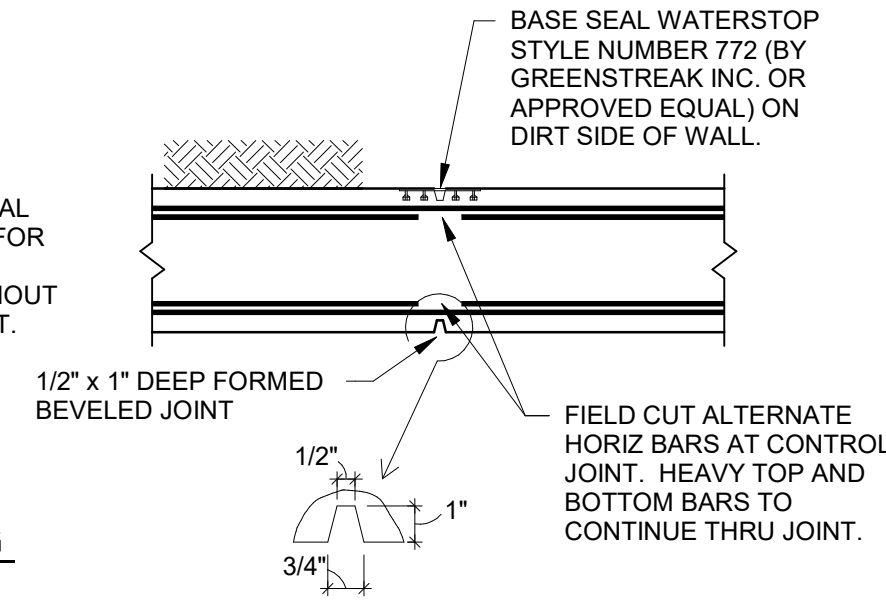
**TYPICAL CONSTRUCTION JOINT  
NOTED "CJ" ON PLAN**  
**2 SECTION**  
3/4" = 1'-0"



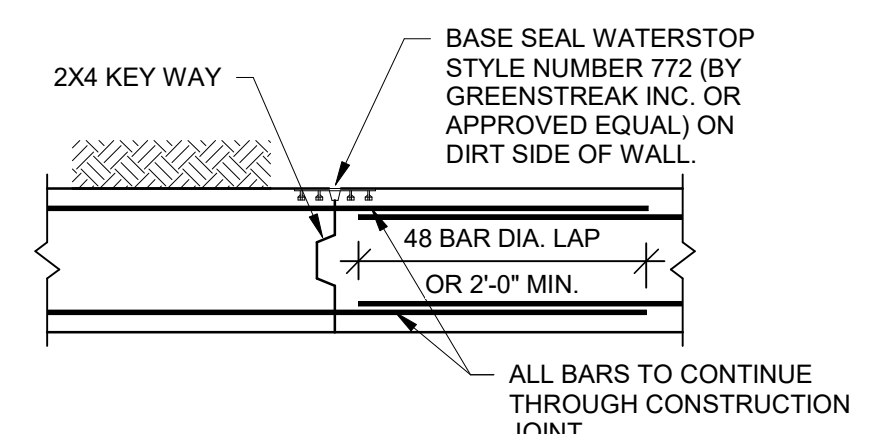
**TYPICAL CORNER BARS AT  
CONCRETE WALLS & FOUNDATIONS**



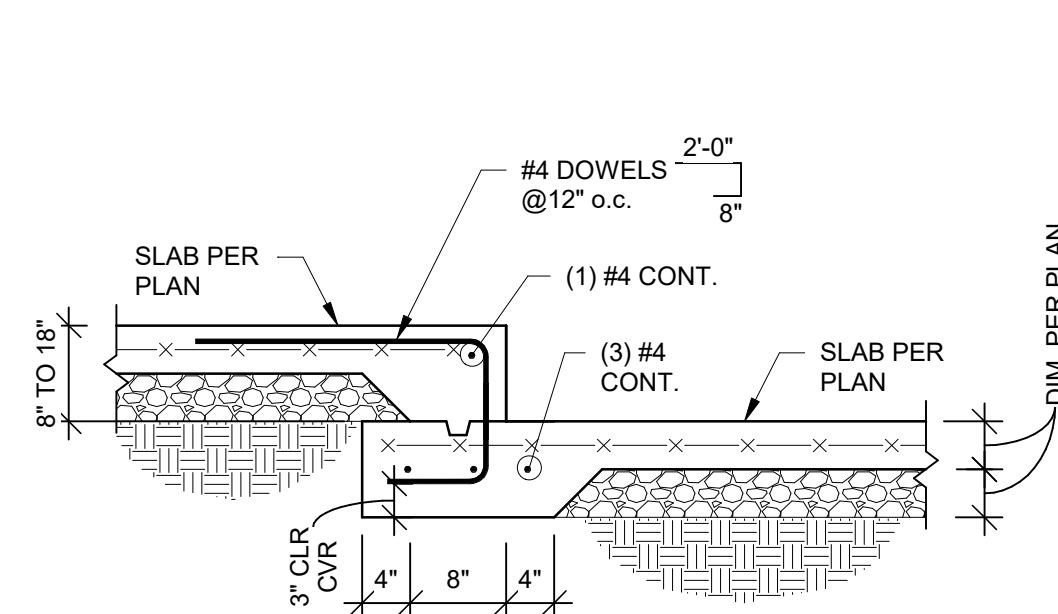
**TYPICAL T-INTERSECTION REINFORCING  
AT CONCRETE WALLS & FOUNDATIONS**



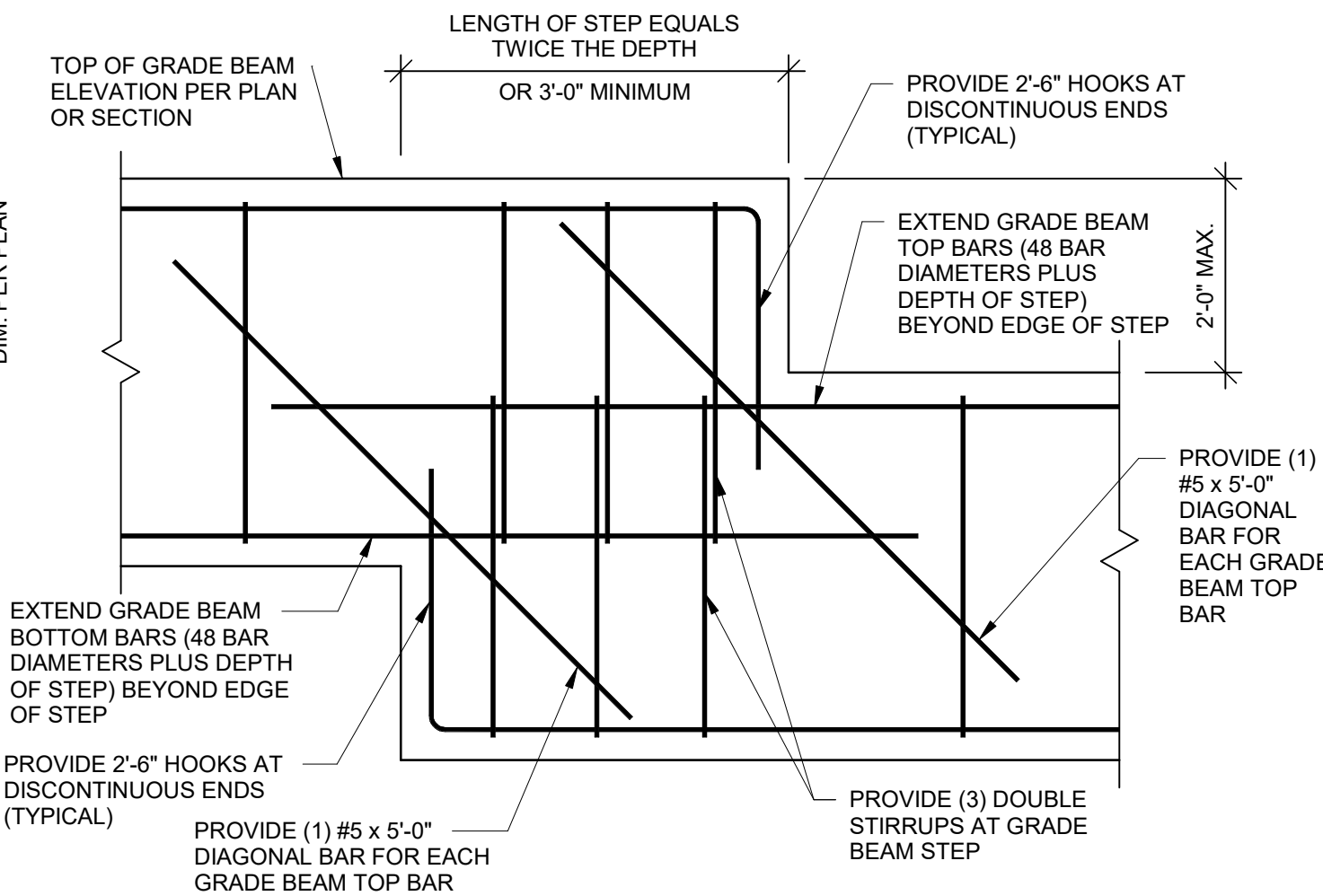
**VERTICAL WALL CONTROL JOINT**  
MAXIMUM SPACING = 25'-0"  
(COORDINATE LOCATIONS WITH ARCHITECT/ALIGN  
WITH MASONRY CONTROL/EXPANSION JOINTS ABOVE)



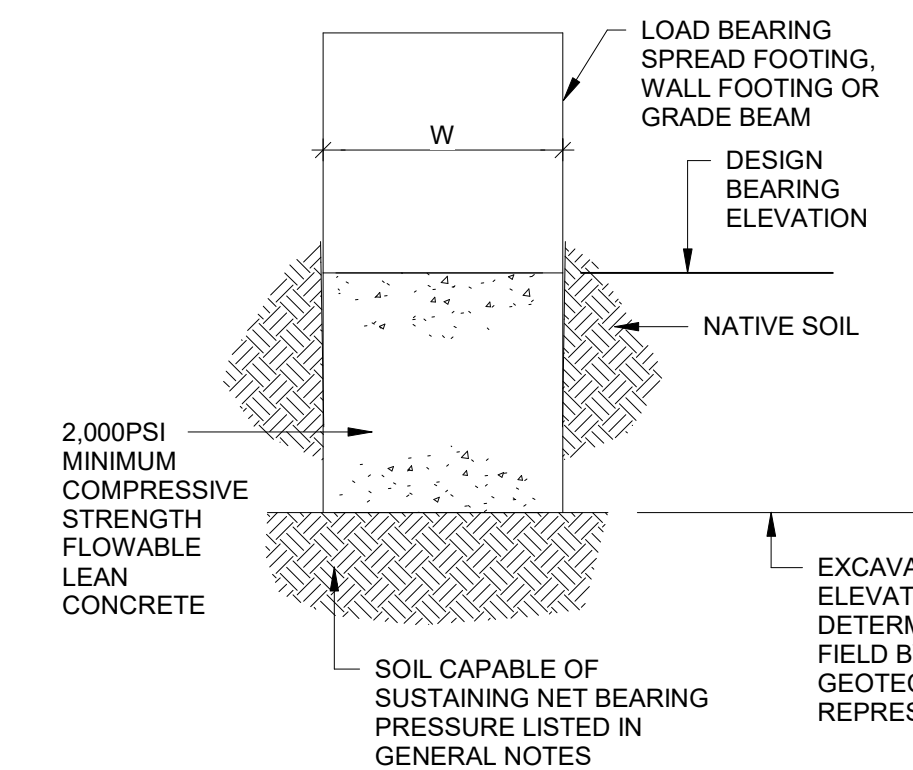
**VERTICAL WALL CONSTRUCTION JOINT**  
MAXIMUM SPACING = 100'-0"



**TYPICAL DEPRESSED SLAB**  
**4A SECTION**  
3/4" = 1'-0"

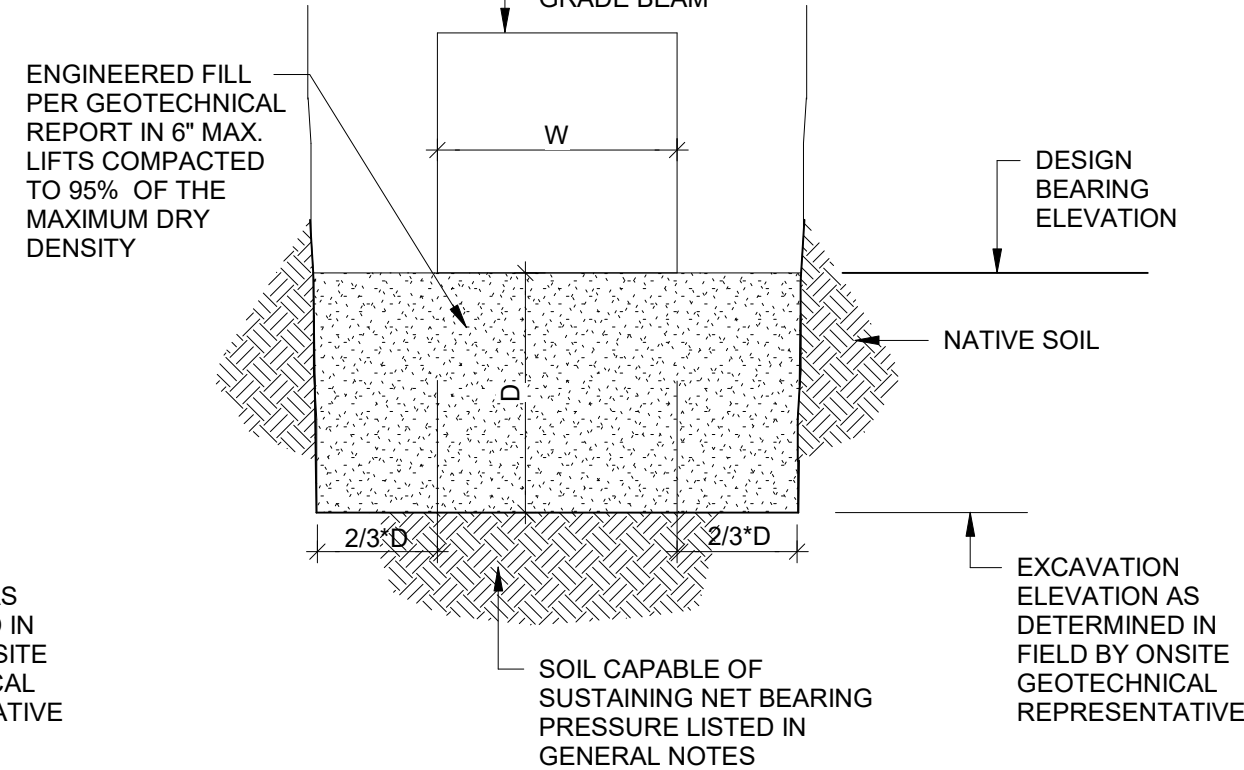


**5 TYPICAL GRADE BEAM STEP**  
3/4" = 1'-0"

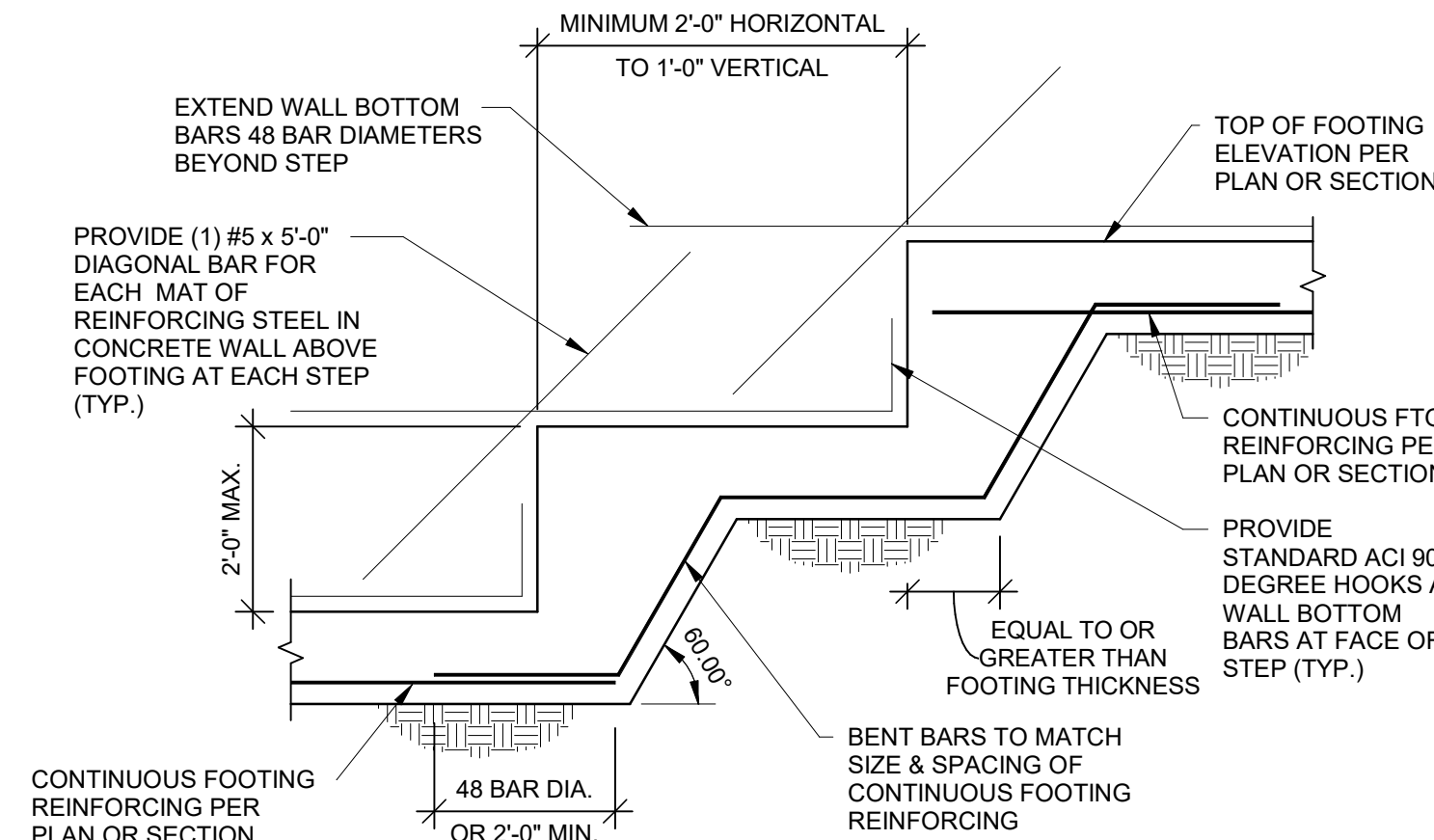


**LEAN CONCRETE BACKFILL**

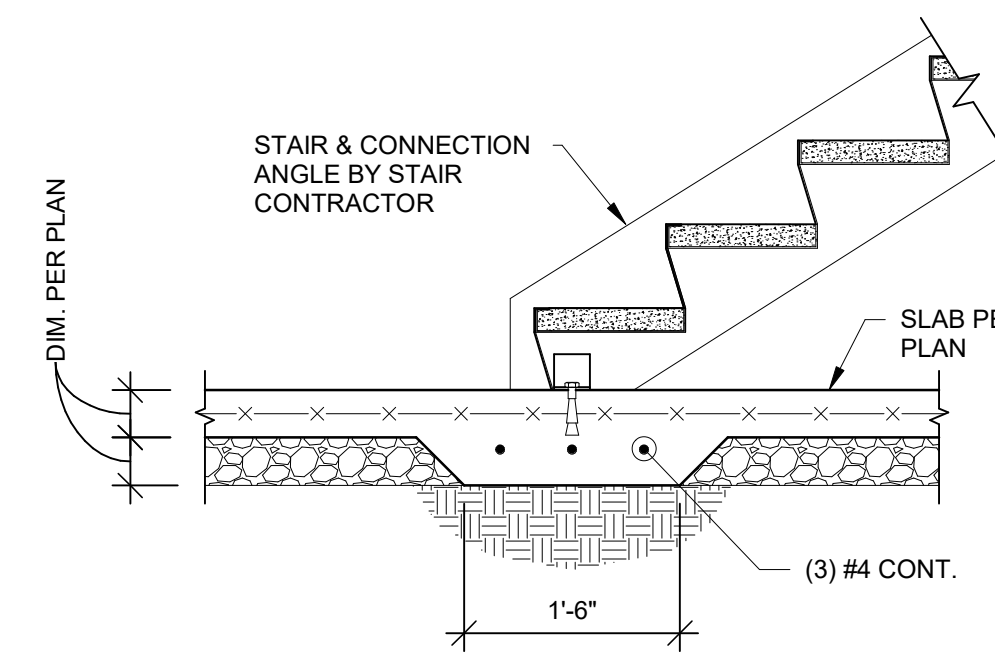
**8 OVEREXCAVATION DETAIL**  
3/4" = 1'-0"



**ENGINEERED FILL BACKFILL**

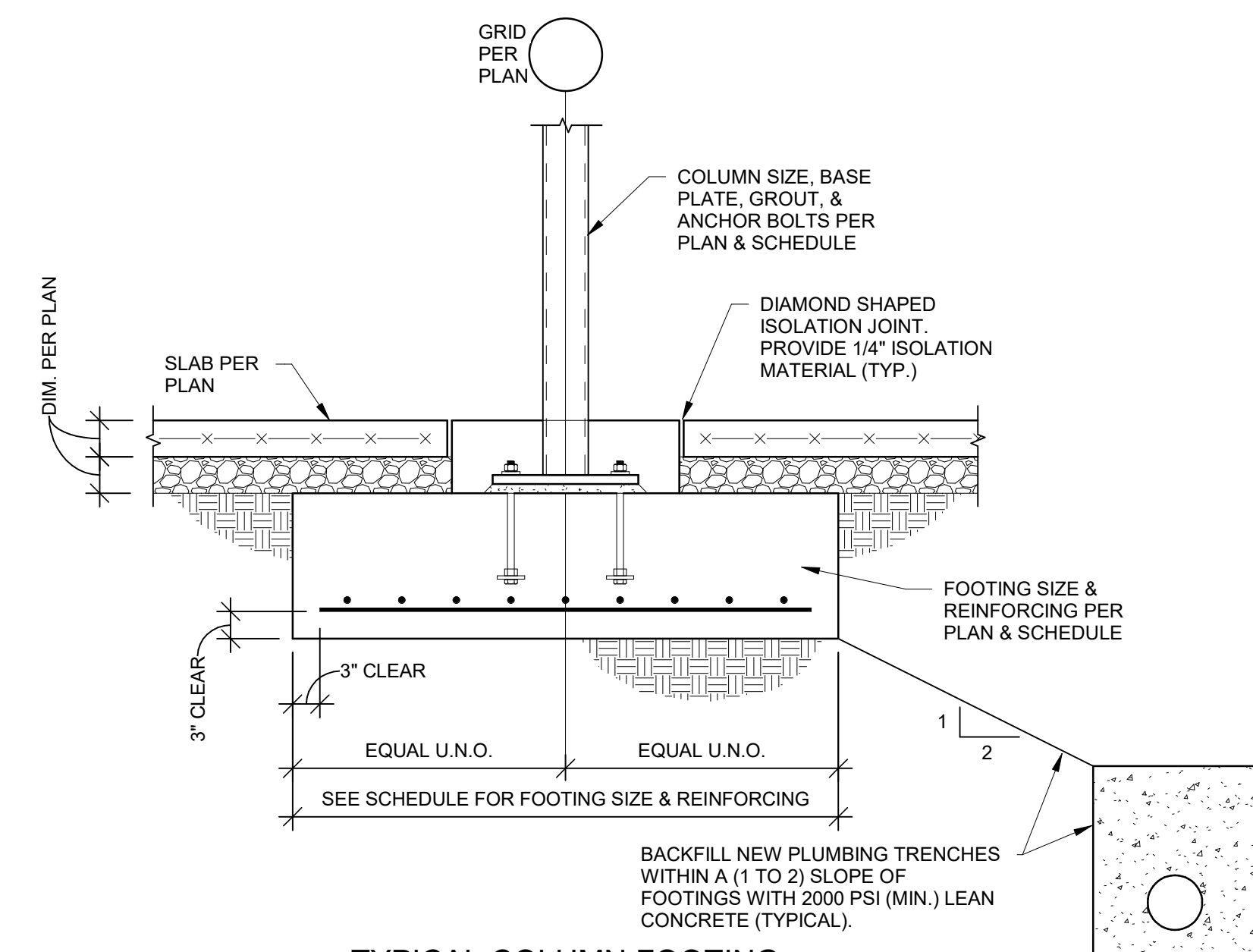


**6 TYPICAL FOOTING STEP**  
1/2" = 1'-0"



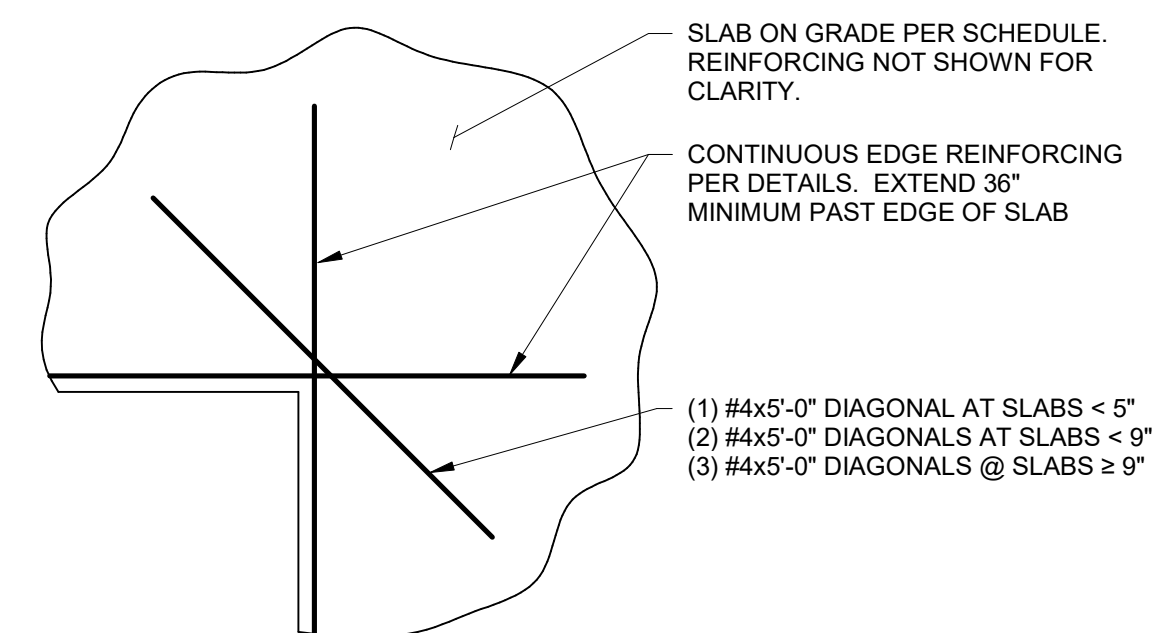
**TYPICAL THICKENED SLAB AT BASE OF STAIR**

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



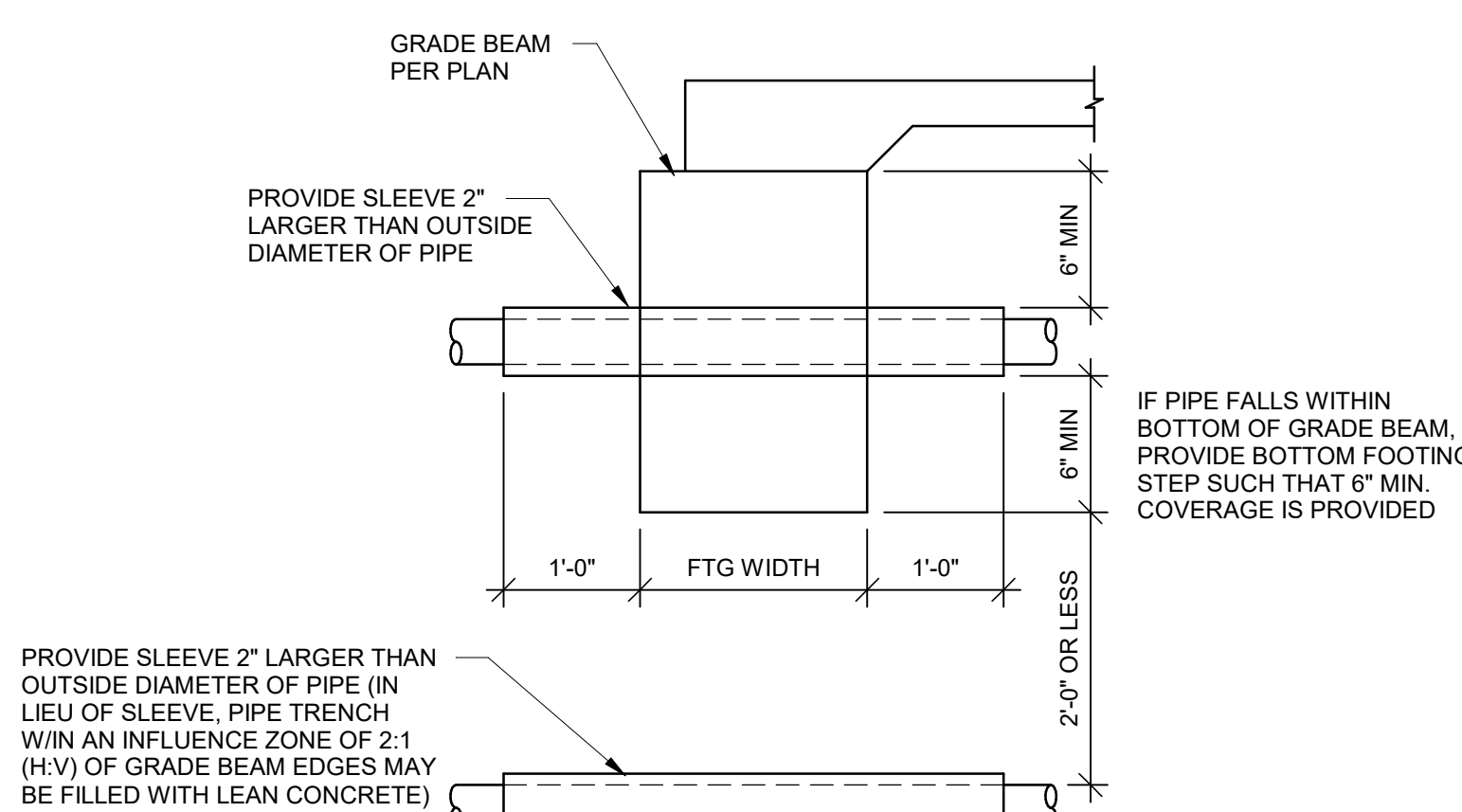
**TYPICAL COLUMN FOOTING**

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



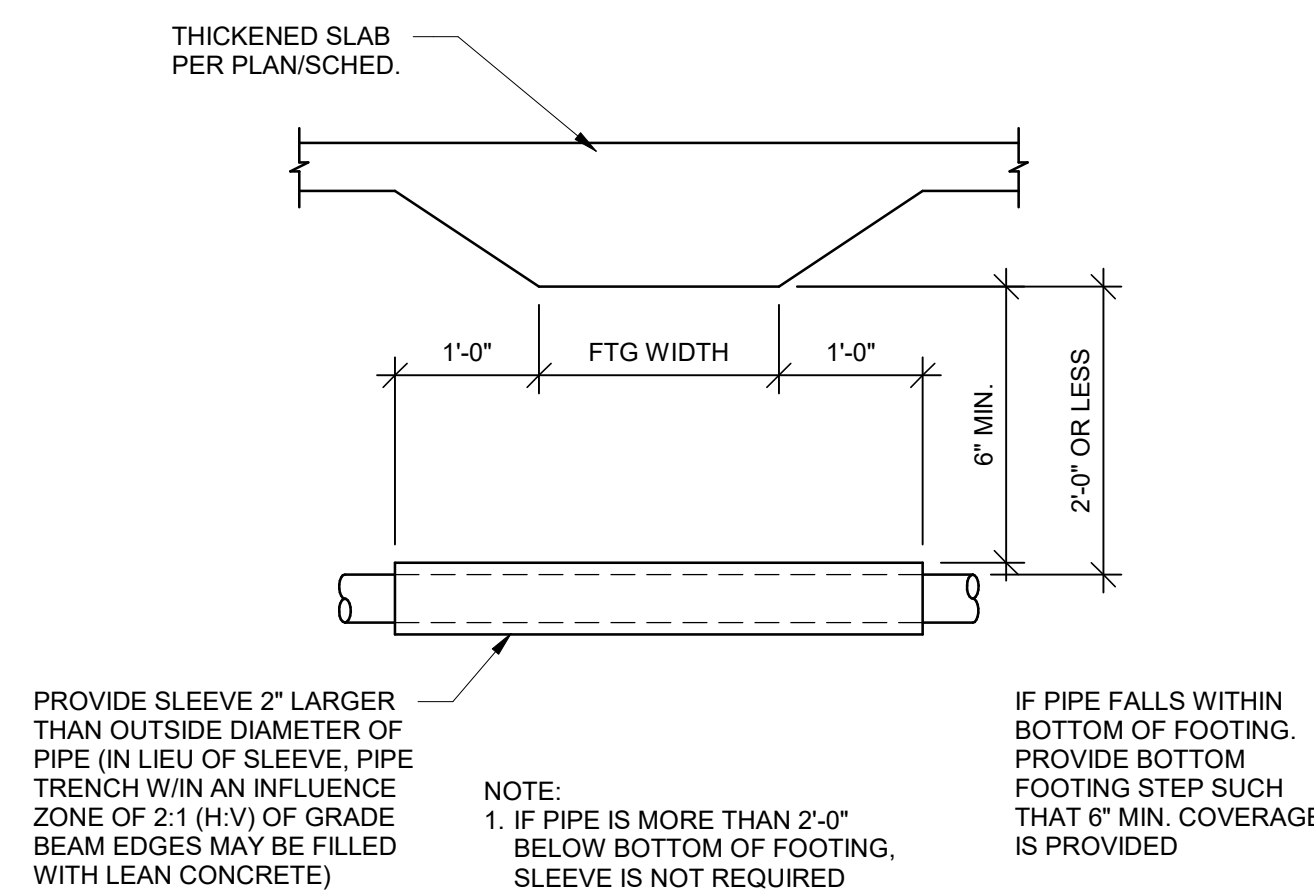
**TYPICAL SLAB ON GRADE RE-ENTRANT CORNER BARS**

**18 DETAIL**  
1/2" = 1'-0"



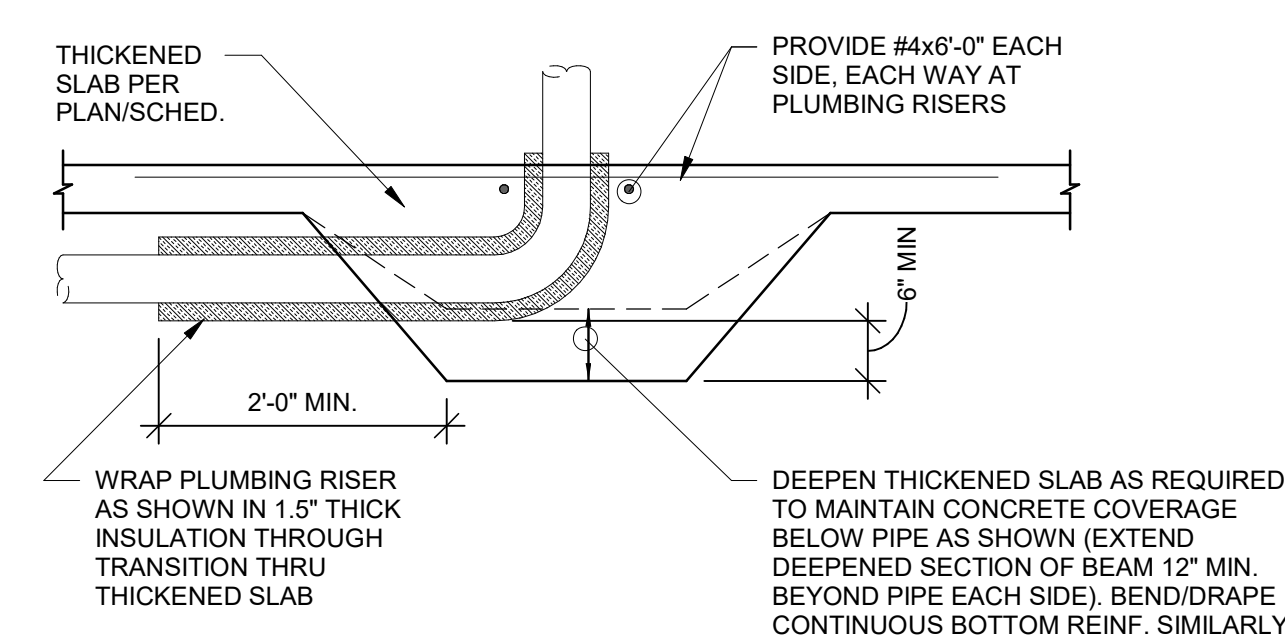
**TYPICAL GRADE BEAM SLEEVE**

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



**TYPICAL PLUMBING SLEEVE AT THICKENED SLAB**

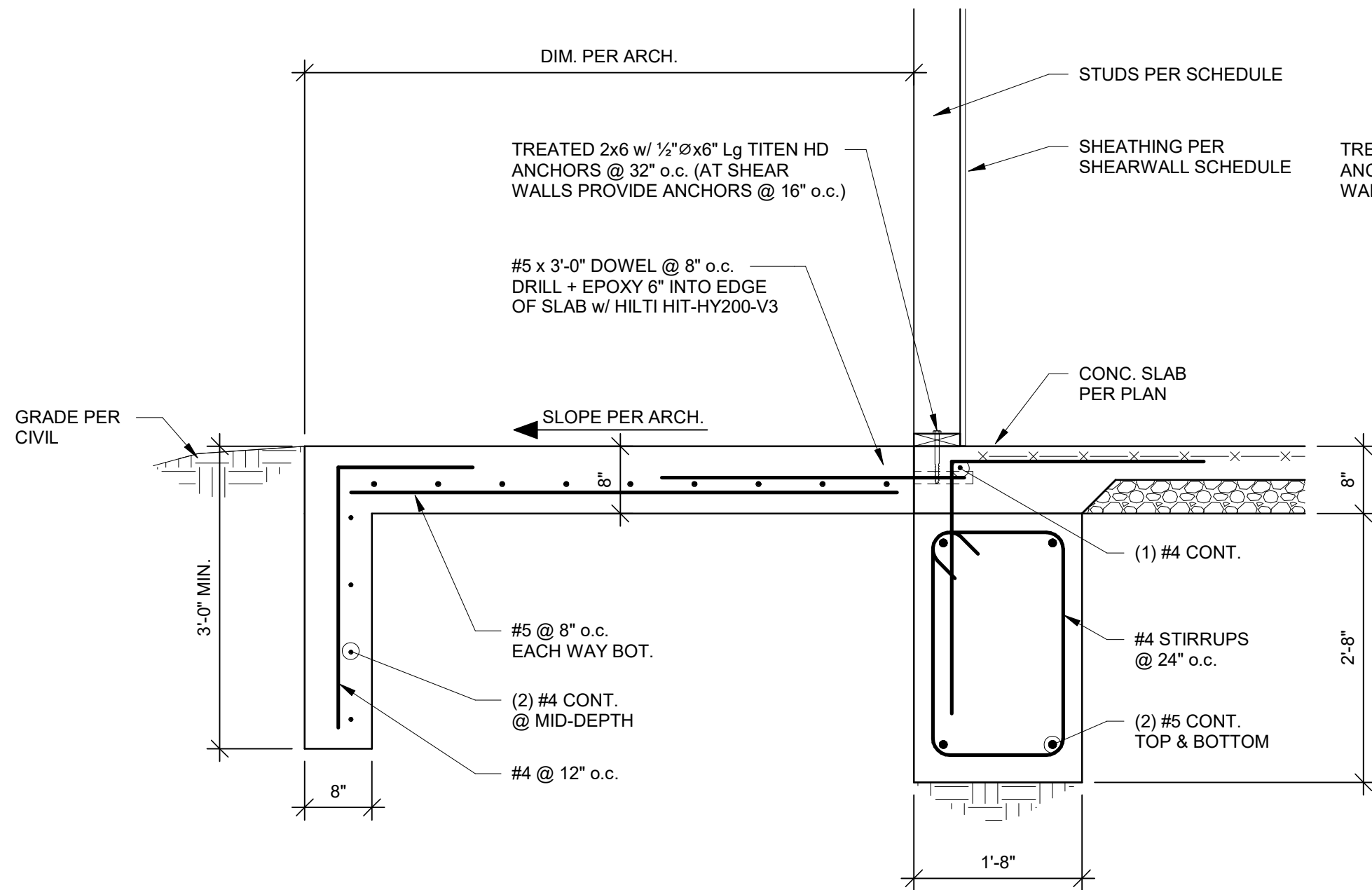
**11 SECTION**  
3/4" = 1'-0"



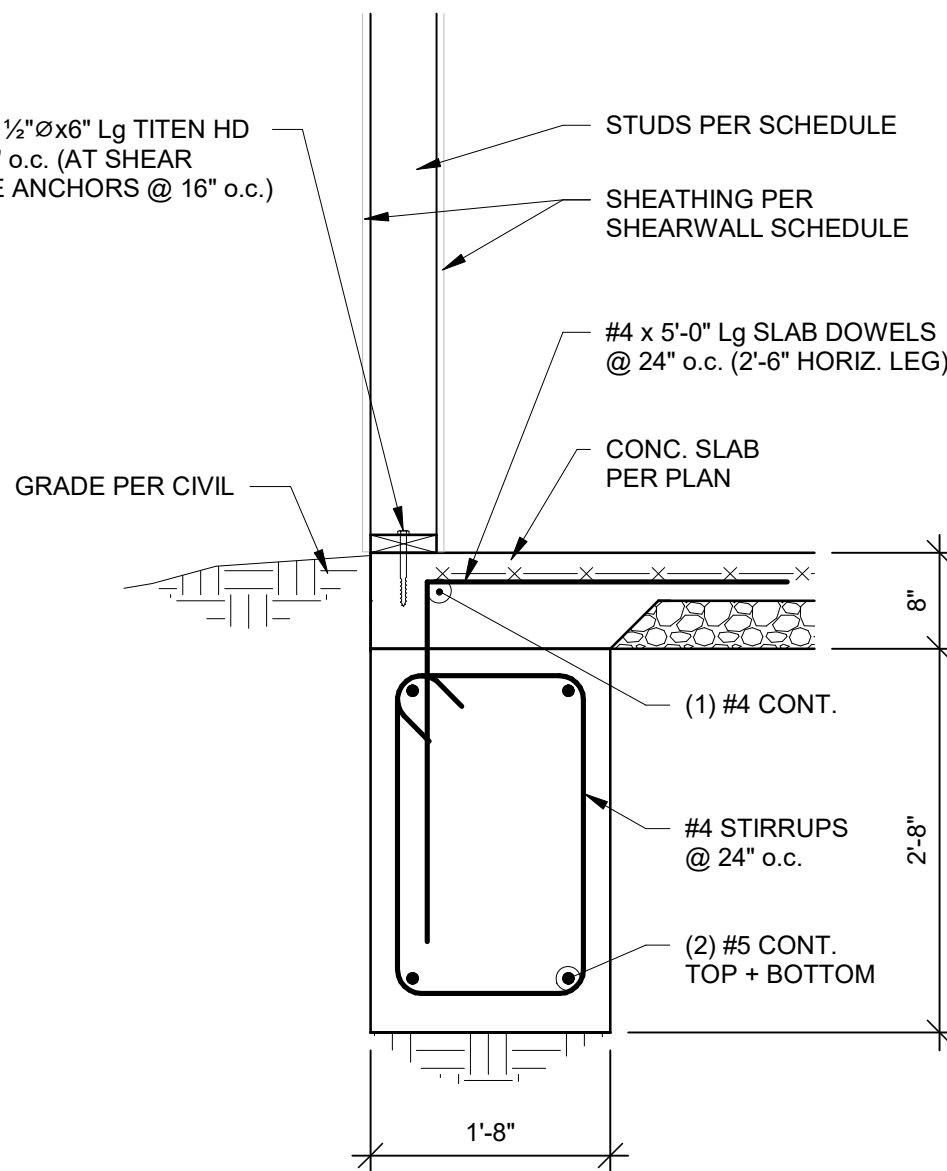
**TYPICAL PLUMBING RISER THRU THICKENED SLAB**

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

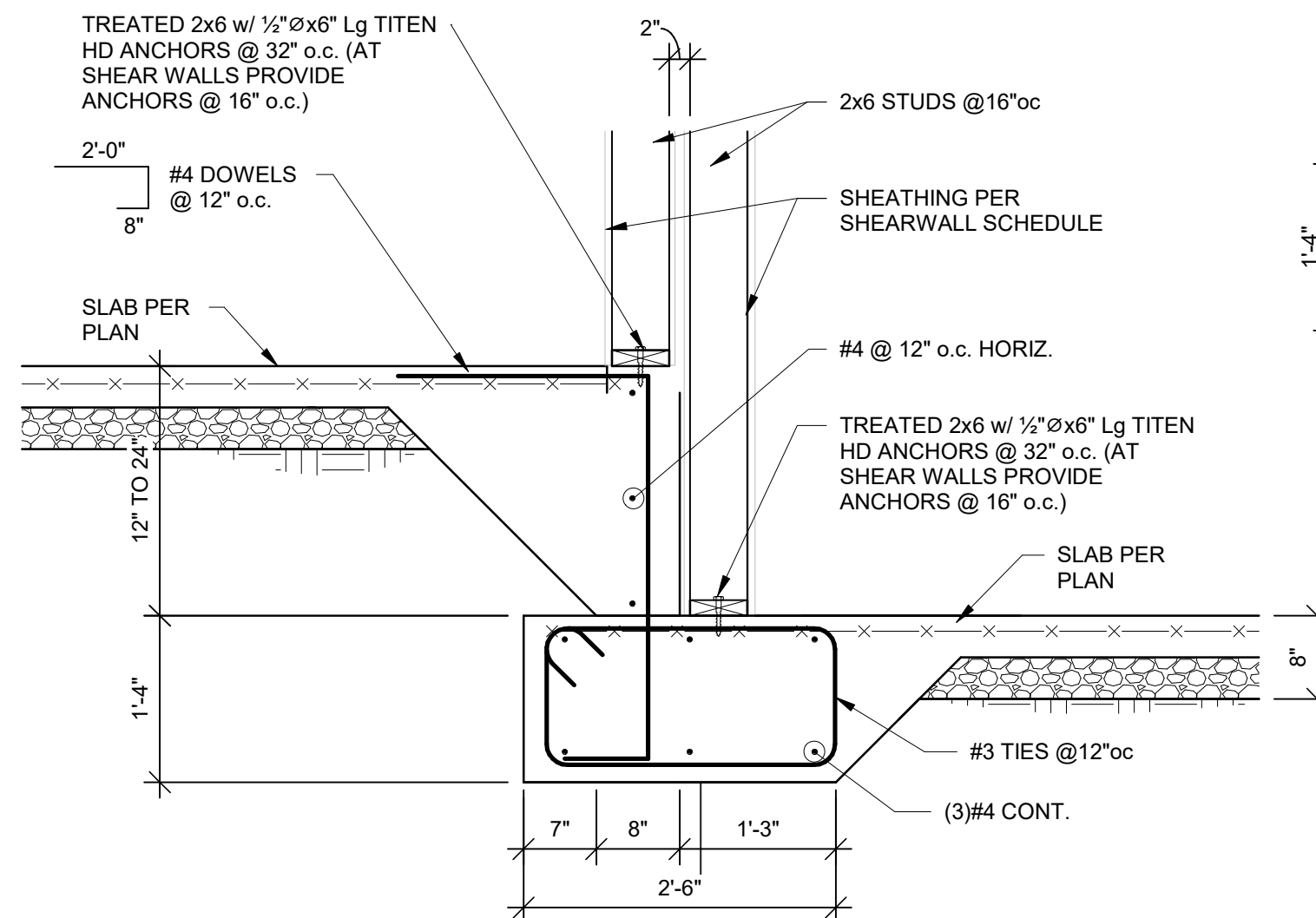




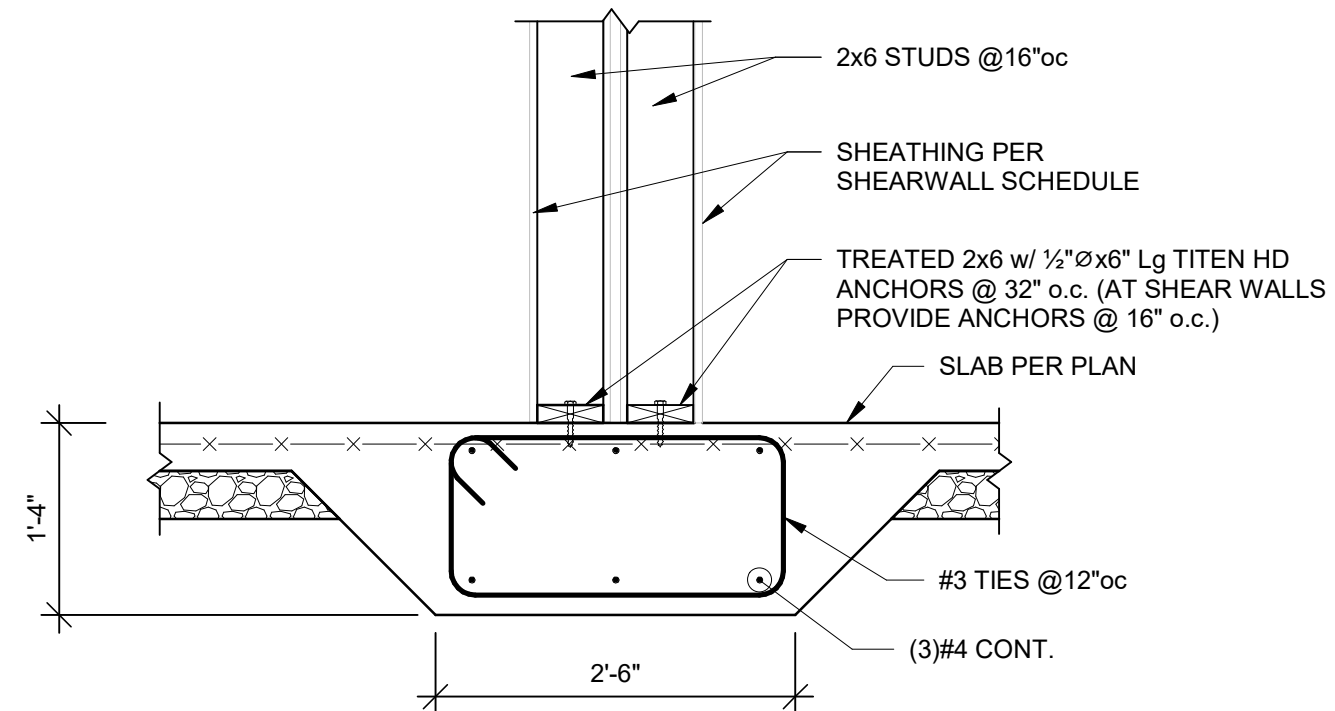
**1 SECTION**  
3/4" = 1'-0"



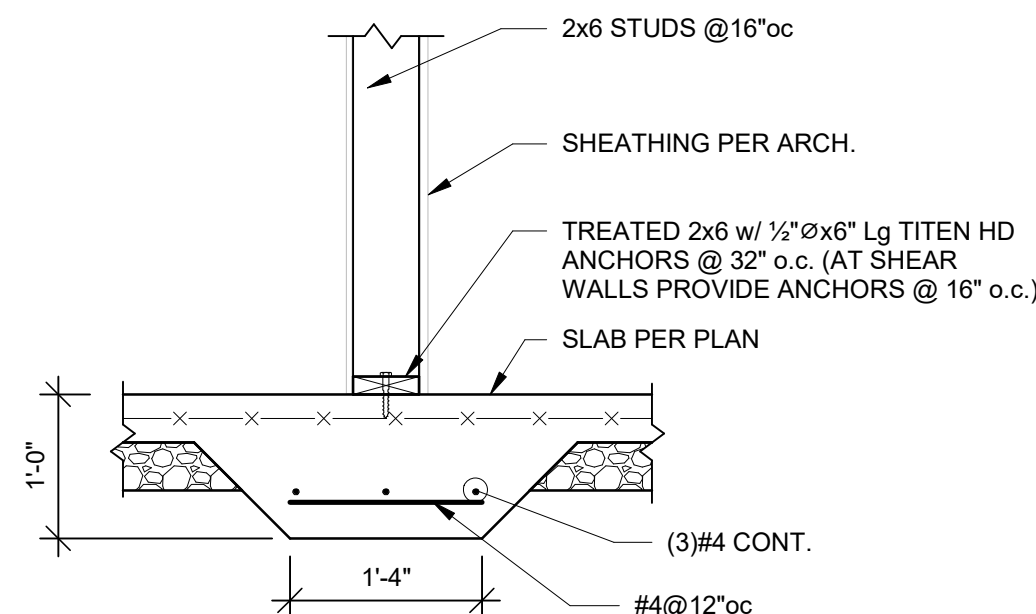
**2 SECTION**  
3/4" = 1'-0"



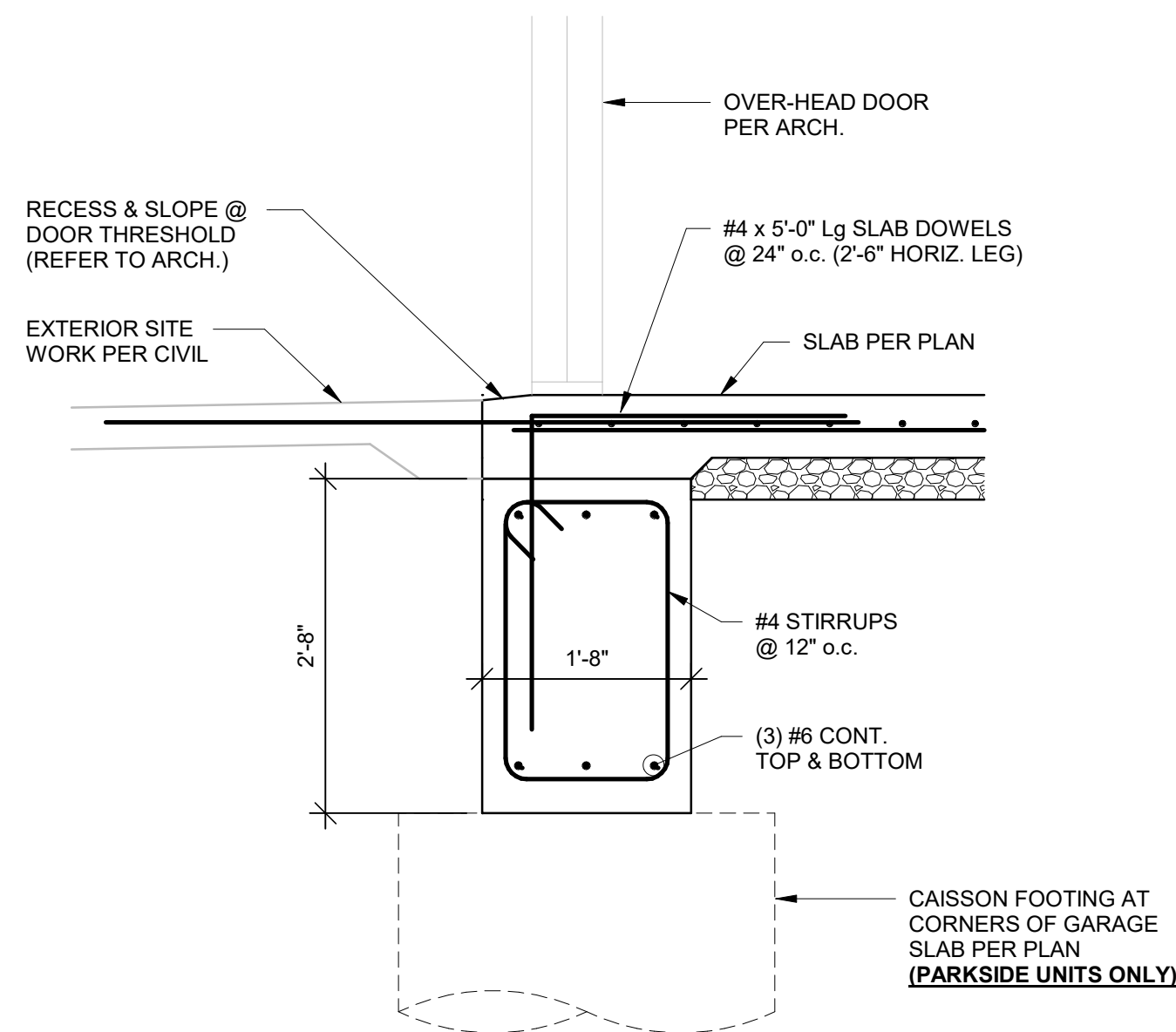
**3 SECTION**  
3/4" = 1'-0"



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



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



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

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**JGR**

**LENEXA CITY CENTER \_ NORTH VILLAGE TOWNHOMES**  
**NEW TOWNHOMES COMPLEX**  
**LENEXA, KANSAS**

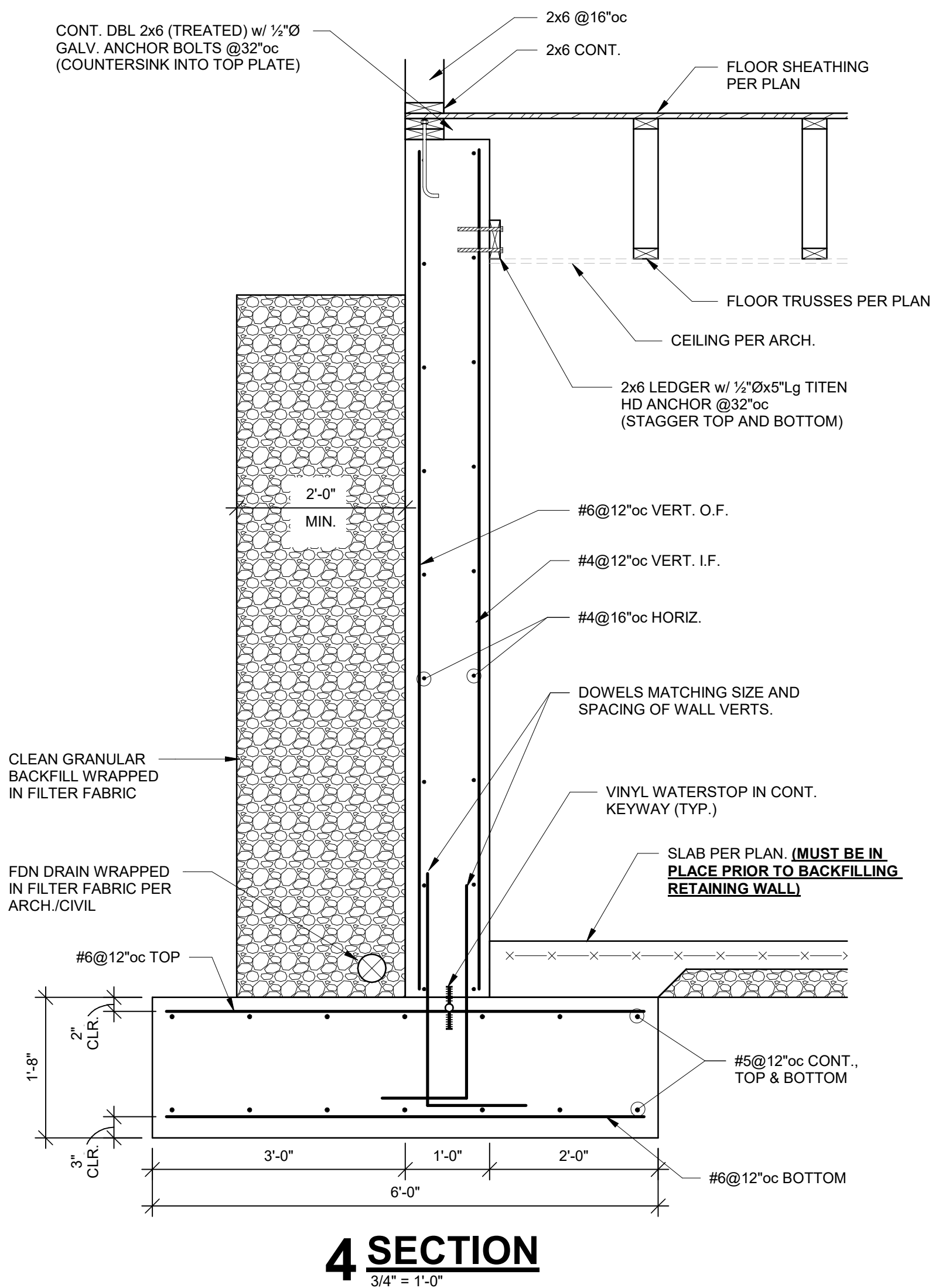
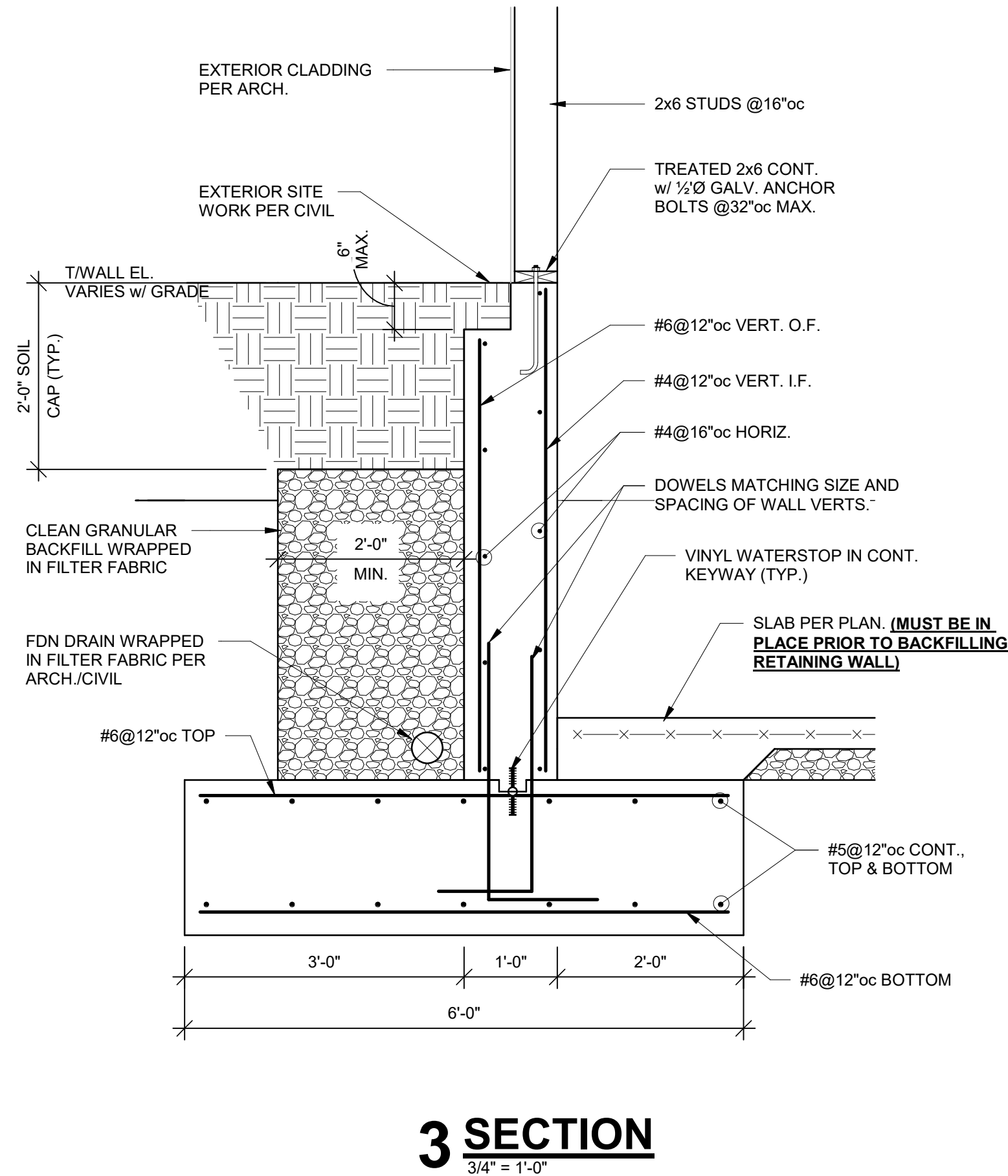
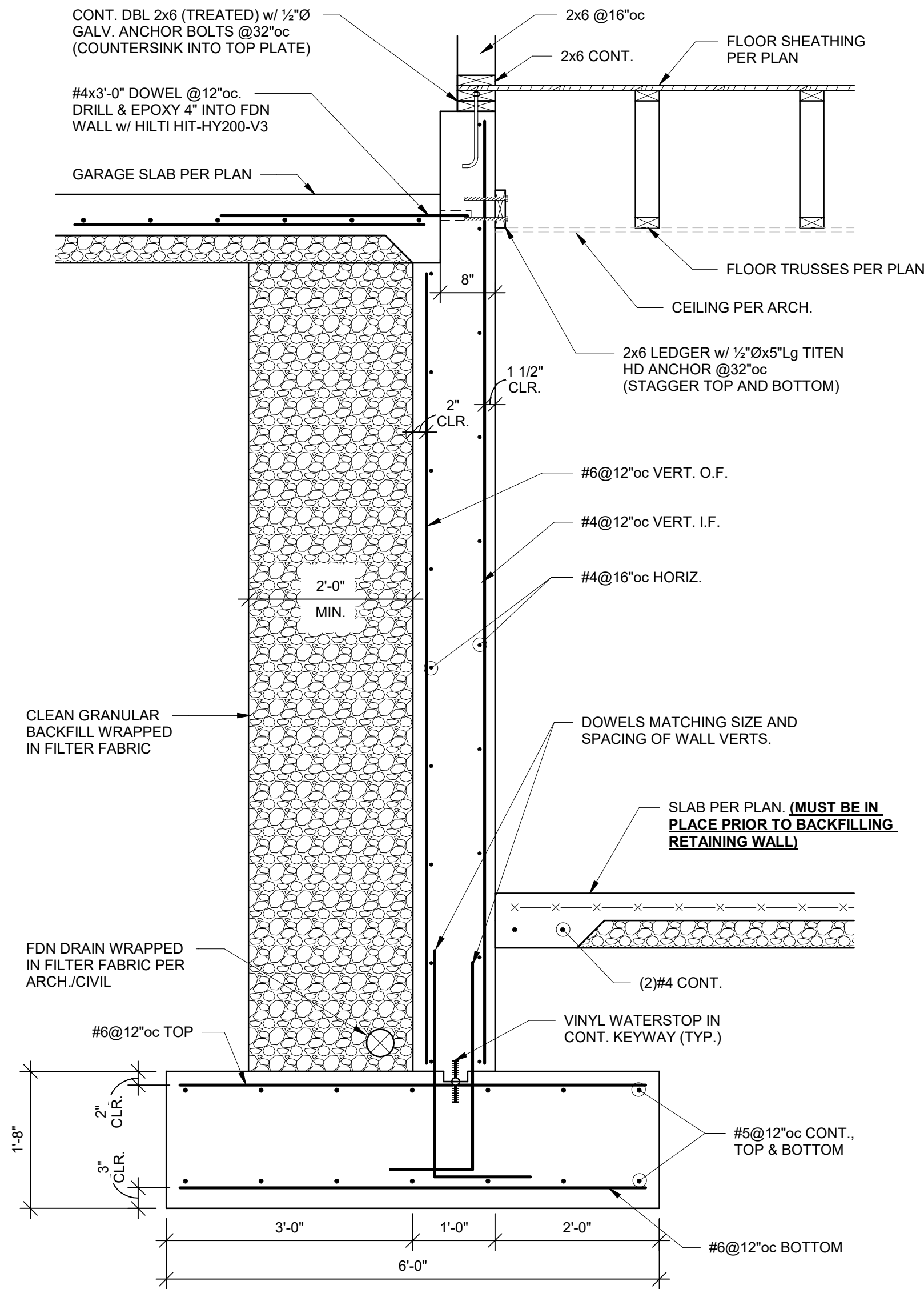
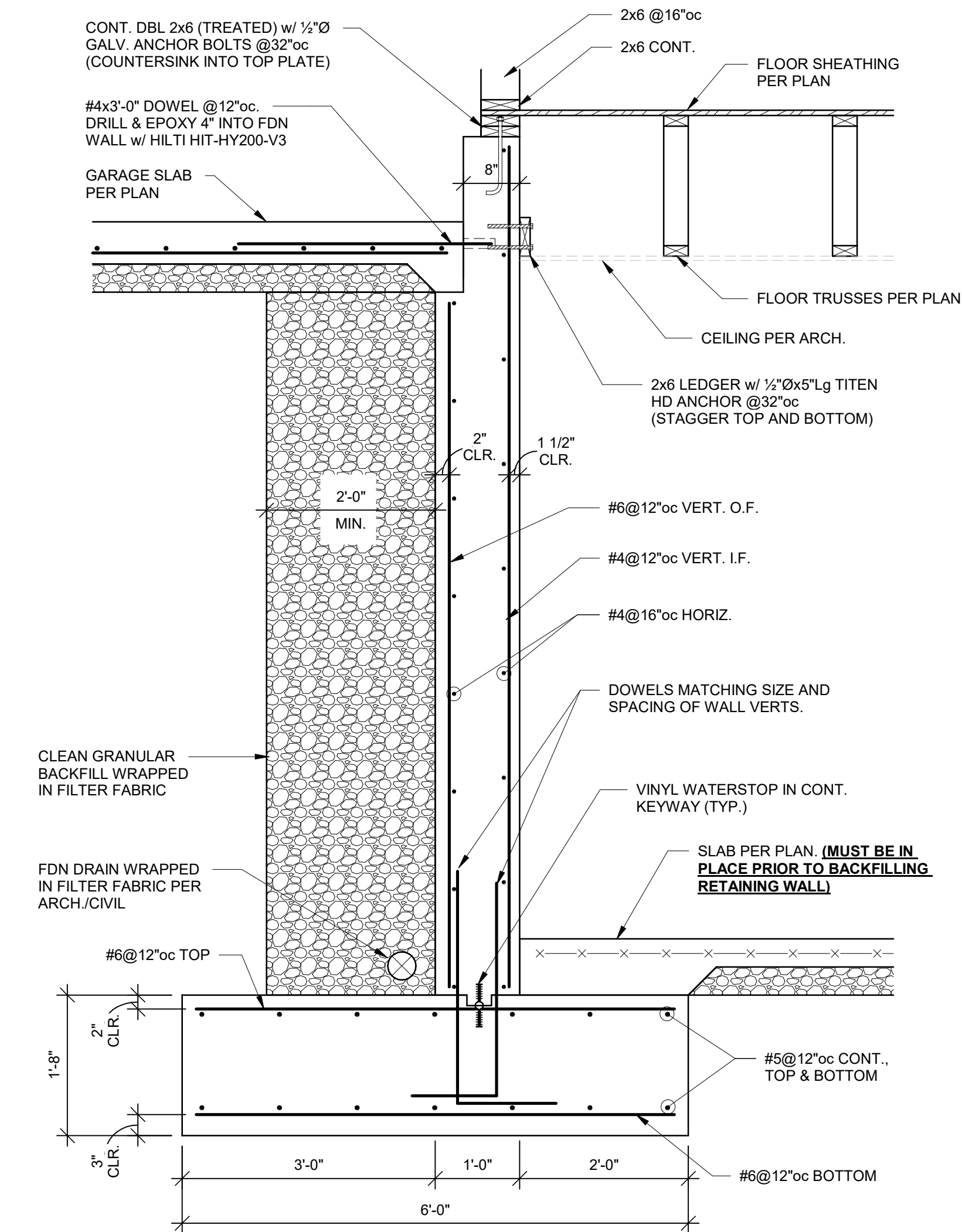


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**S3.1**

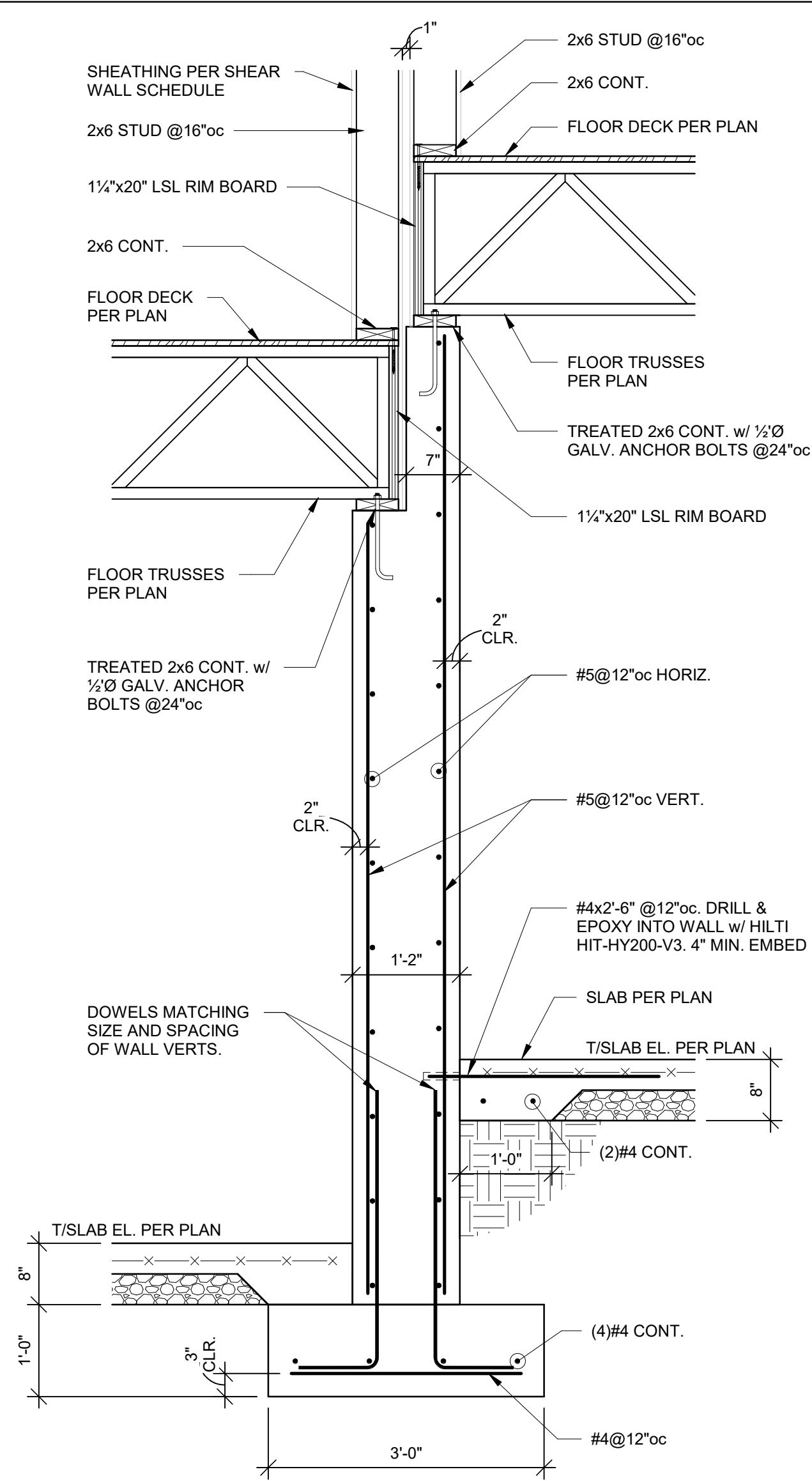
COPYRIGHTED



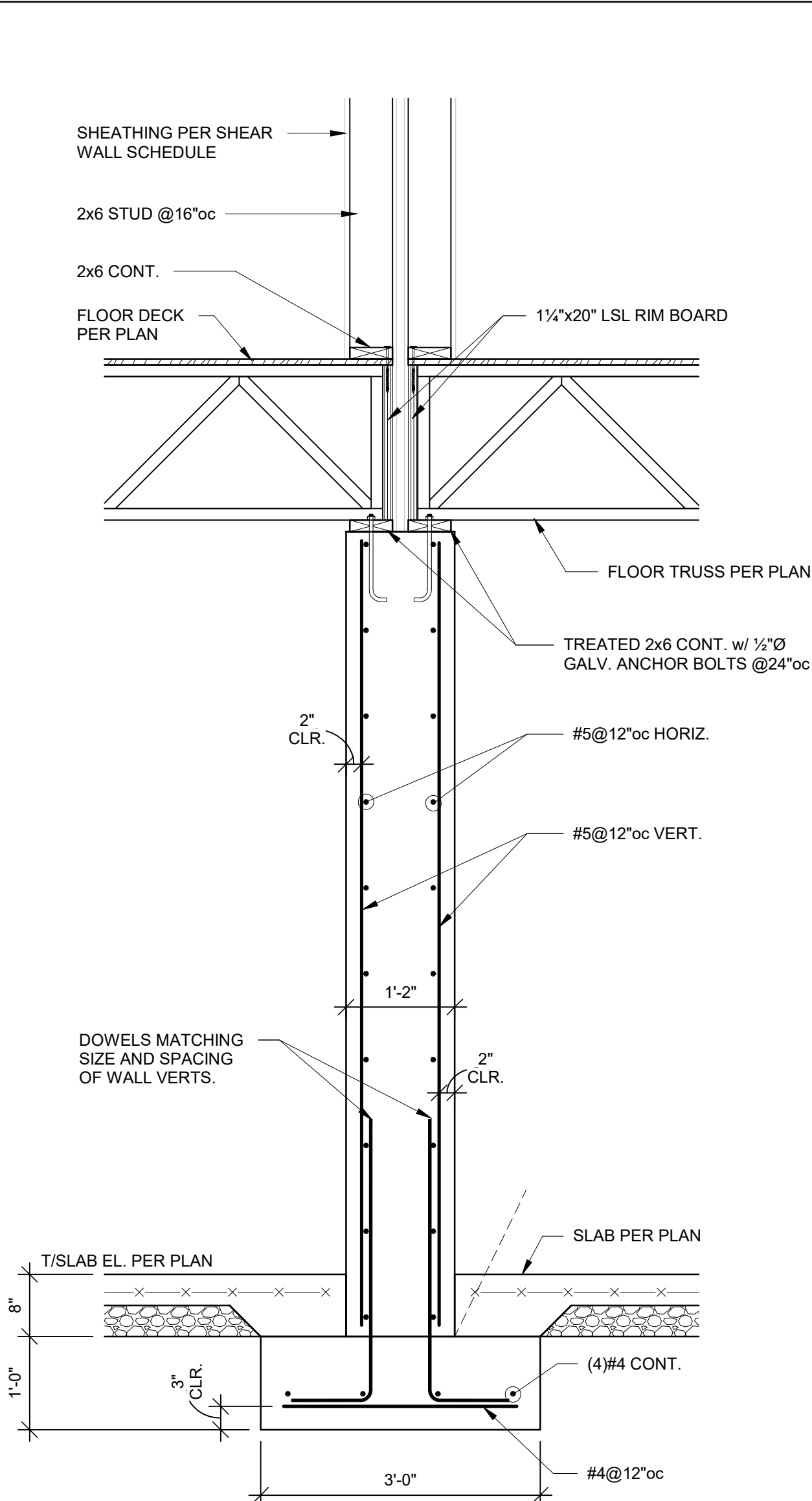


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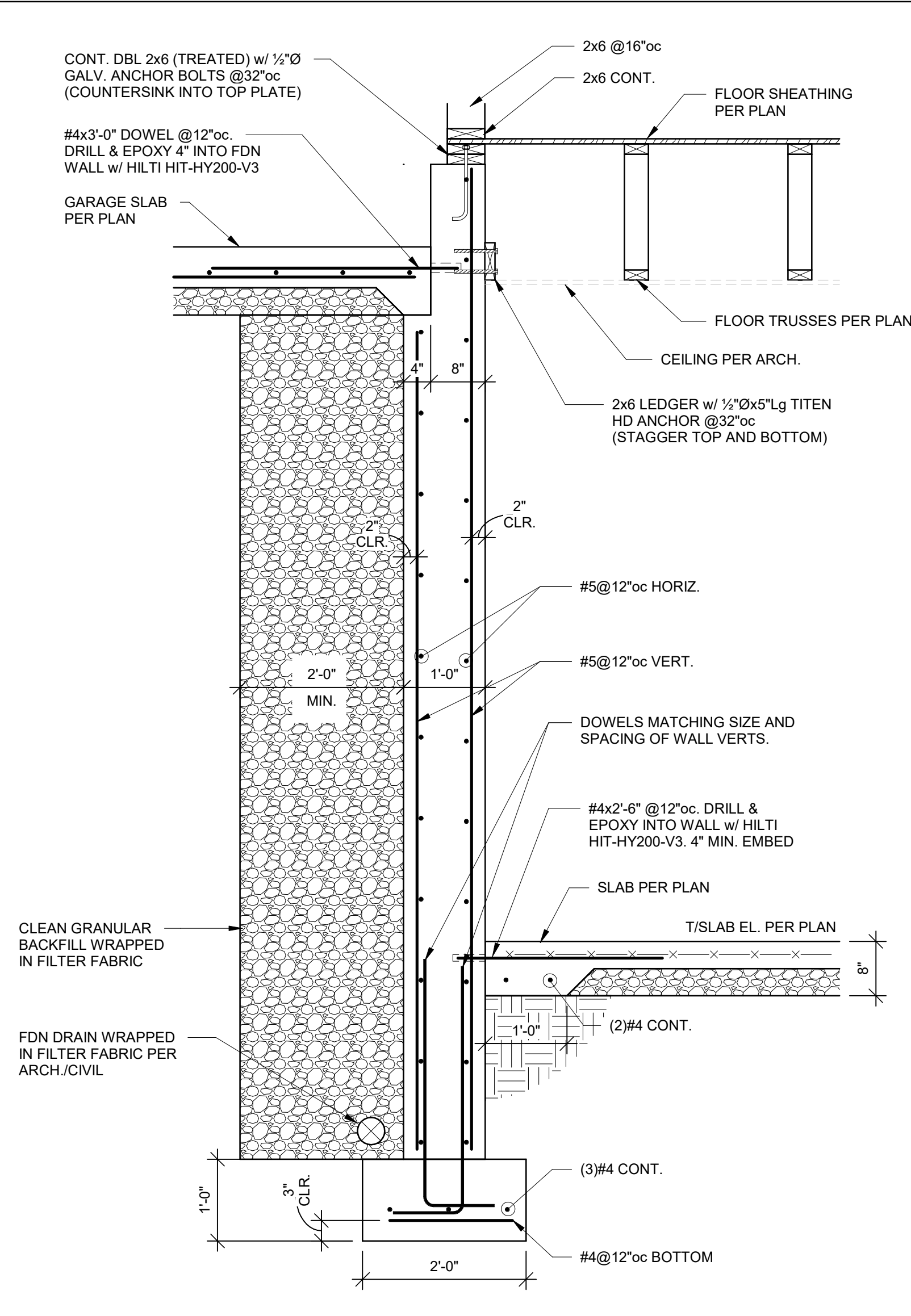




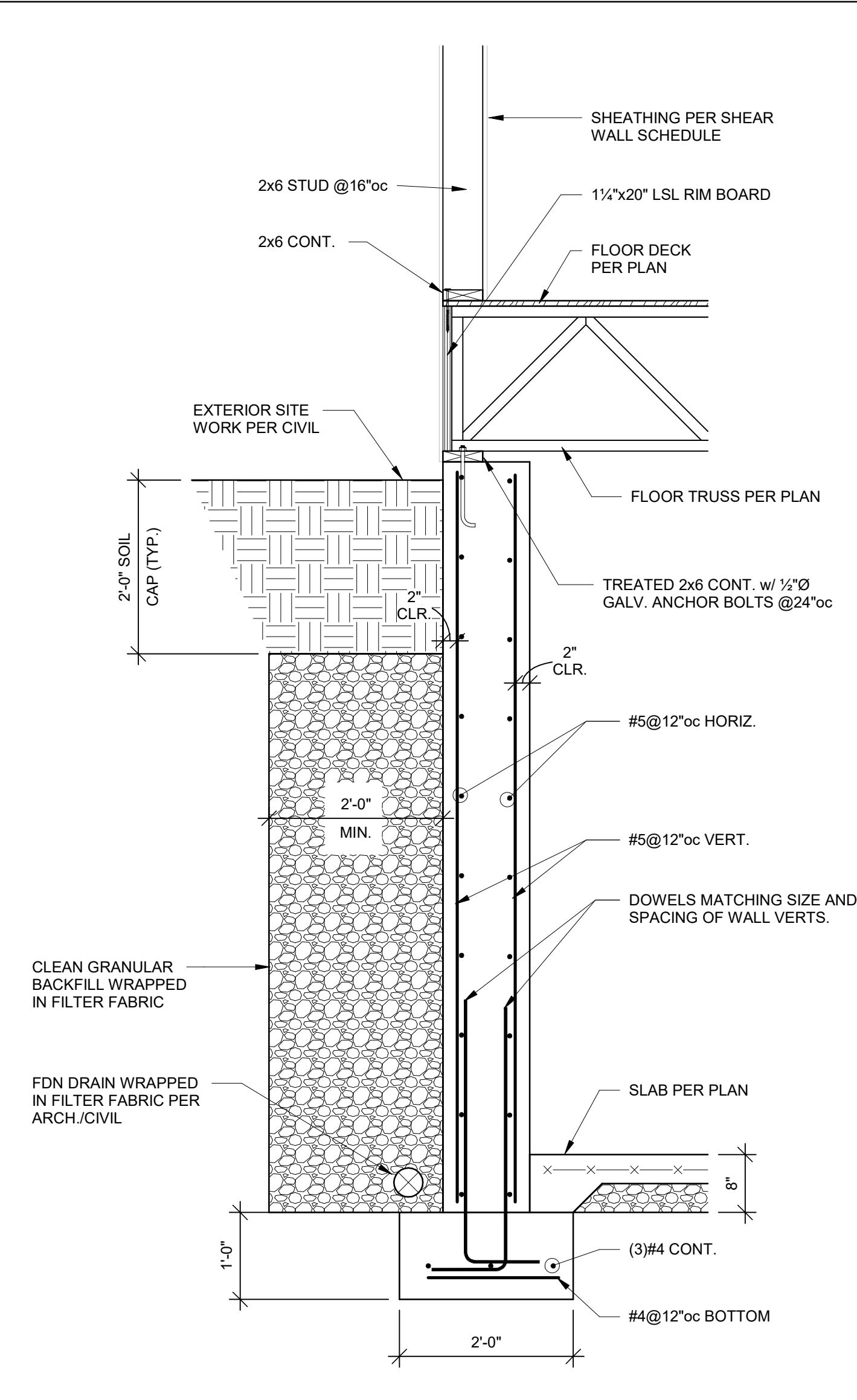
**1 SECTION**  
3/4" = 1'-0"



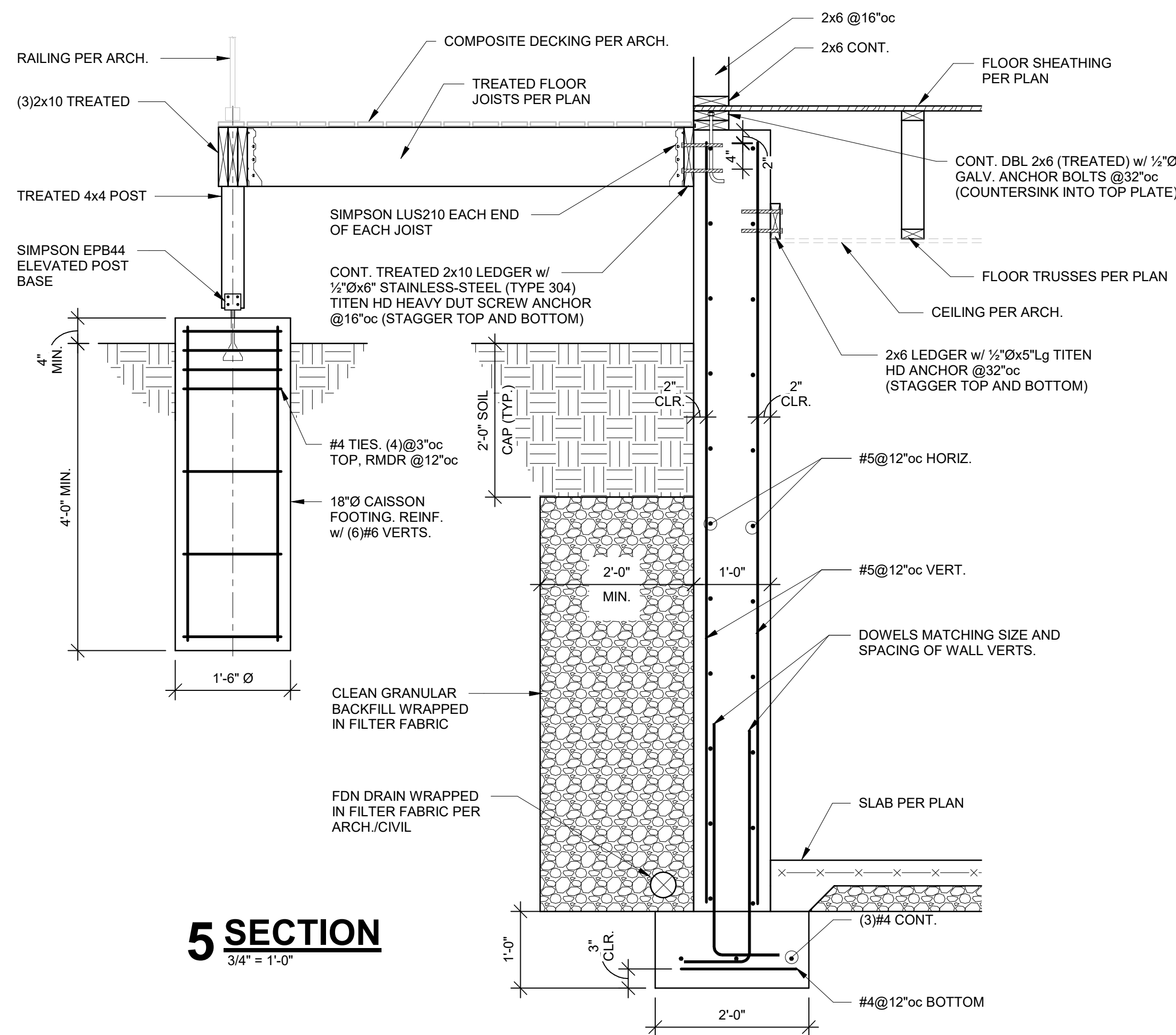
**2 SECTION**  
3/4" = 1'-0"



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

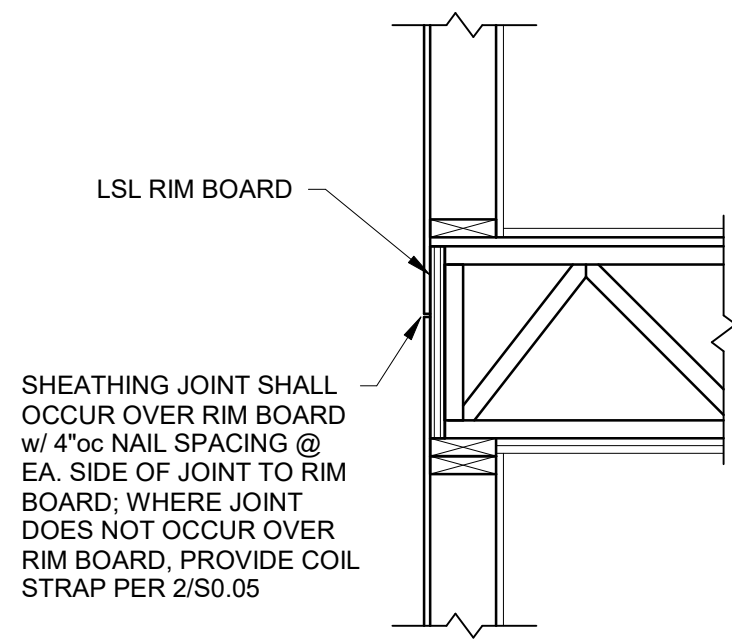


**4 SECTION**  
3/4" = 1'-0"



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



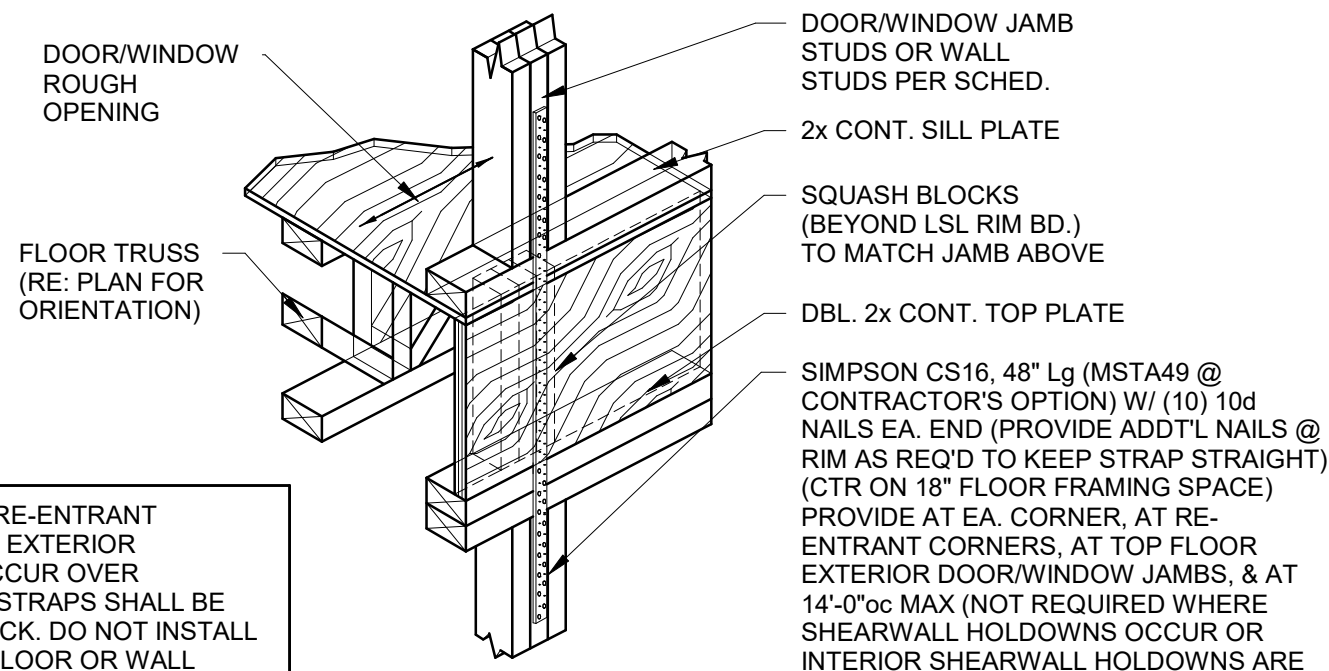


TYPICAL EXTERIOR SHEATHING JOINT

### 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 PALTES 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.)

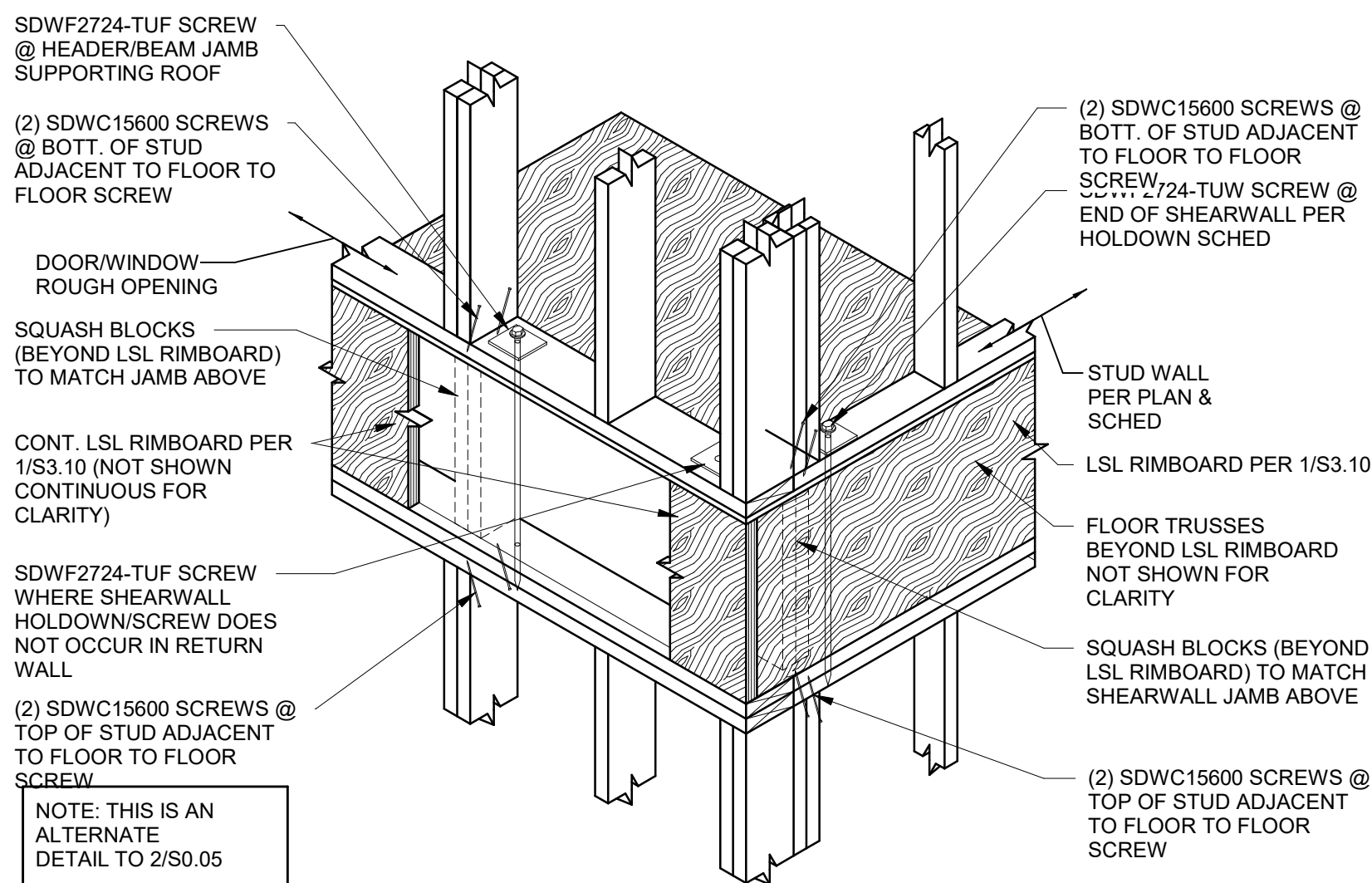


NOTE: USE DETAIL 2A/S0.05 IN LIEU OF STRAPS @ CONTRACTORS OPTION

TYPICAL COIL STRAP @ EXTERIOR JAMBS SUPPORTING ROOF FRAMING AT FLOOR DIRECTLY BELOW ROOF AND FLOOR TO FLOOR TIES WHERE DETAIL 1/S0.05 IS NOT FOLLOWED

### 2 SECTION

3/4" = 1'-0"

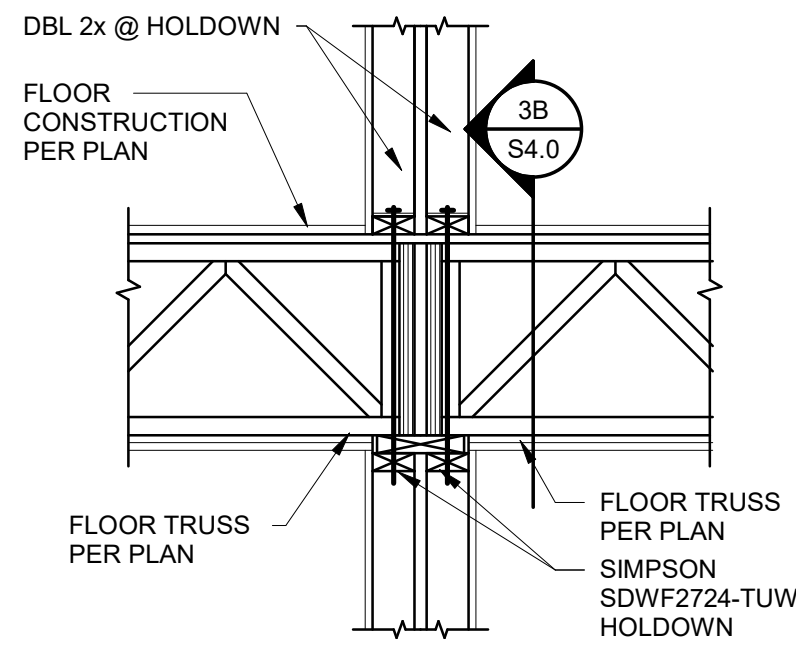


NOTE: THIS IS AN ALTERNATE DETAIL TO 2/S0.05

TYPICAL FLOOR-TO-FLOOR SCREW @ EXTERIOR JAMBS SUPPORTING ROOF FRAMING AT FLOOR DIRECTLY BELOW ROOF AND FLOOR TO FLOOR TIES WHERE DETAIL 1/S0.05 IS NOT FOLLOWED

### 2A SECTION

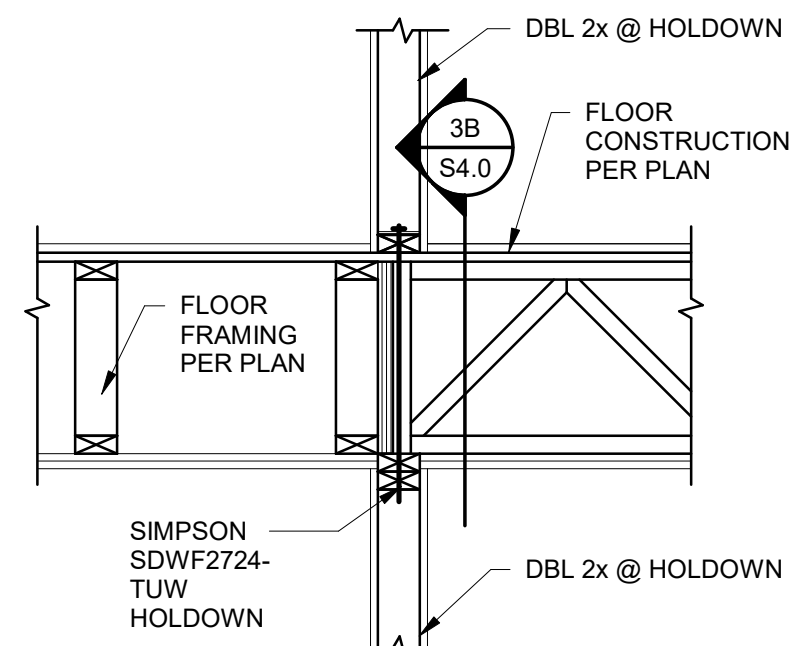
3/4" = 1'-0"



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

### 3 SECTION

3/4" = 1'-0"



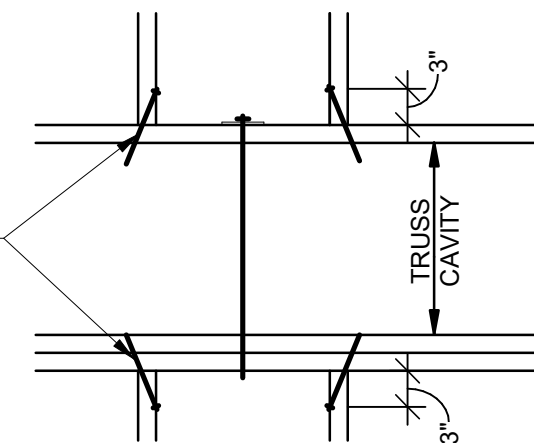
TYPICAL UNIT UPLIFT HOLDOWN DETAIL @ TOP FLOOR ROOF TRUSS BEARING WALLS

### 3A SECTION

3/4" = 1'-0"

PROVIDE UNIT UPLIFT HOLDOWNS @ 48"OC MAX @ LOAD BEARING INTERIOR WALLS SUPPORTING ROOF TRUSSES. HOLDOWNS SHALL BE PROVIDED WITHIN 6" OF JAMBS OF ALL INTERIOR LOAD BEARING ROOF OF HEADERS & GIRDER TRUSS BEARING AND WITHIN 48" OF SHEARWALL HOLDOWNS

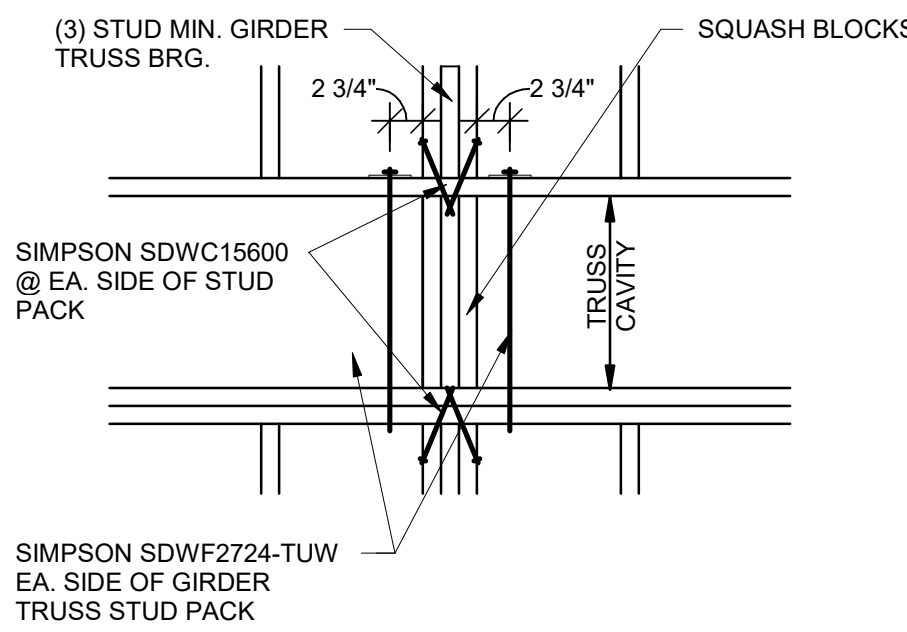
SIMPSON SDWC15600 @ EA. STUD ADJACENT TO SDWF SCREW USE TEMPLATE FOR 22 DEG INSTALLATION



TYP SIDE VIEW AT DBL STUD SCREWS AT HOLDOWN

### 3B DETAIL

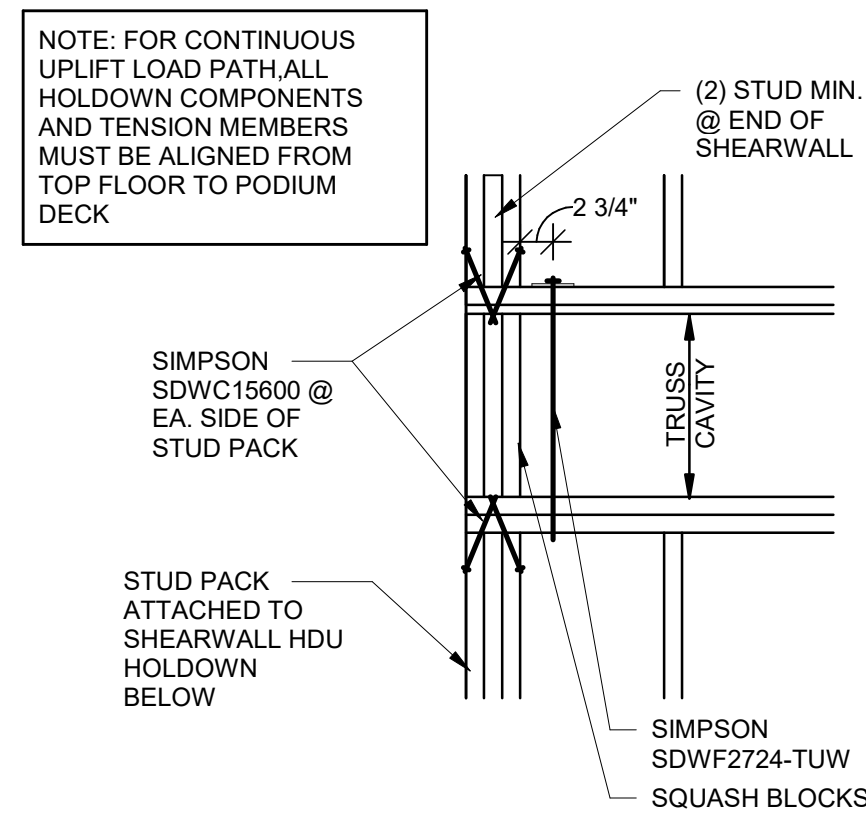
3/4" = 1'-0"



TYPICAL GIRDER TRUSS UPLIFT HOLDOWN DETAIL @ TOP FLOOR

### 4 SECTION

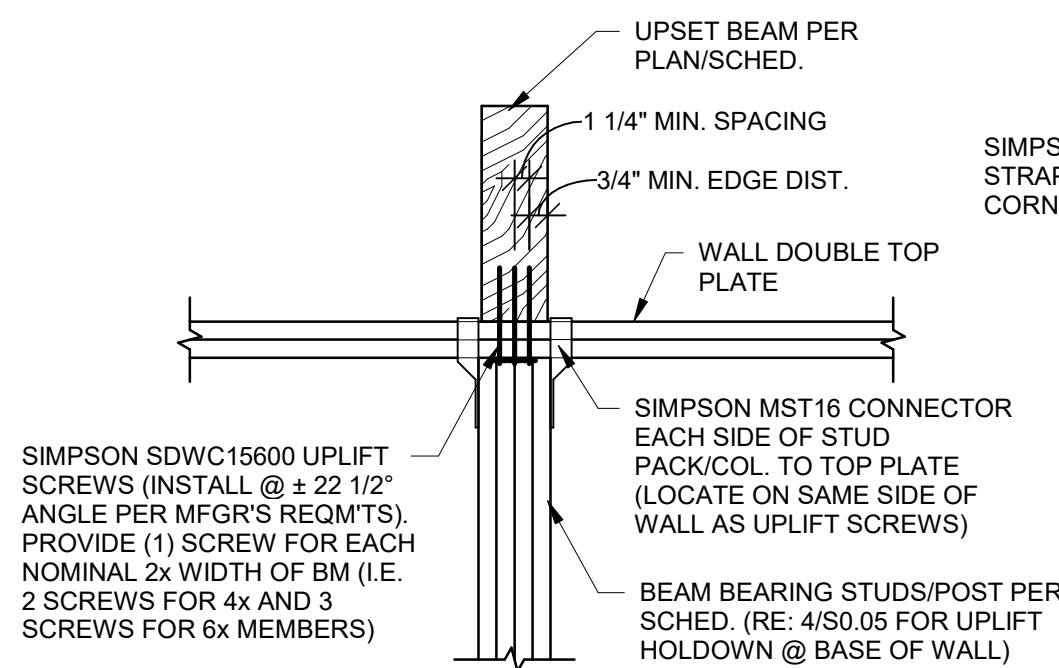
3/4" = 1'-0"



ALTERNATE FLOOR TO FLOOR TIE-DOWN AT END OF WALL

### 5 SECTION

3/4" = 1'-0"

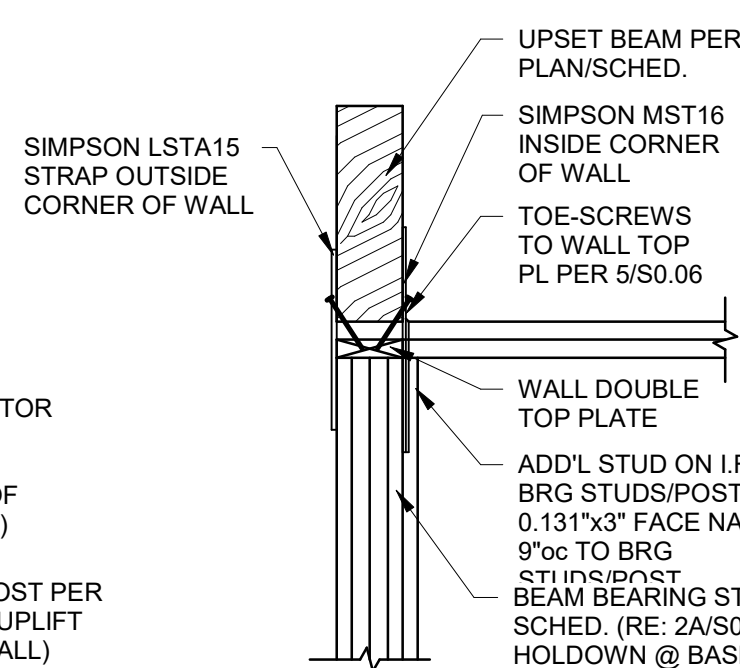


TYPICAL AT PERPENDICULAR WALL

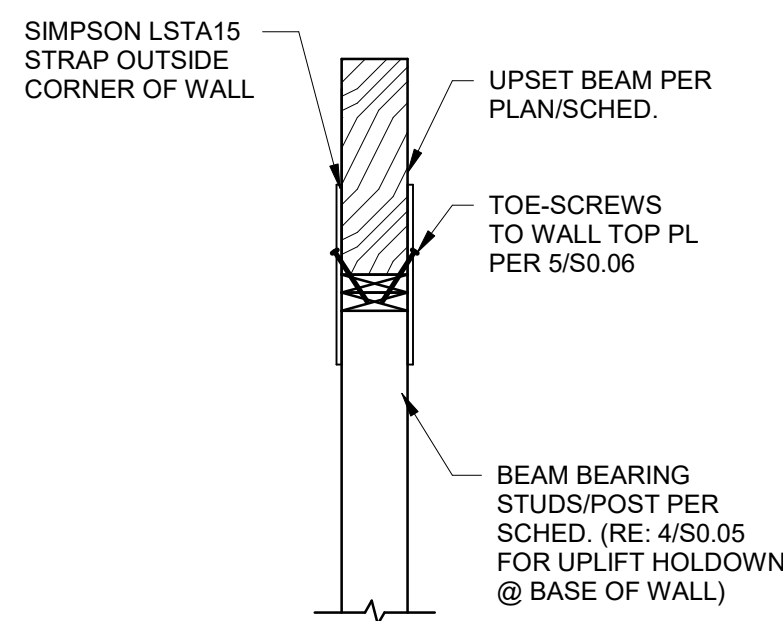
TYPICAL UPSET WOOD BEAM UPLIFT HOLDOWN AT BEAMS SUPPORTING ROOF TRUSS BEARING WALLS OR WHERE INDICATED

### 6 SECTION

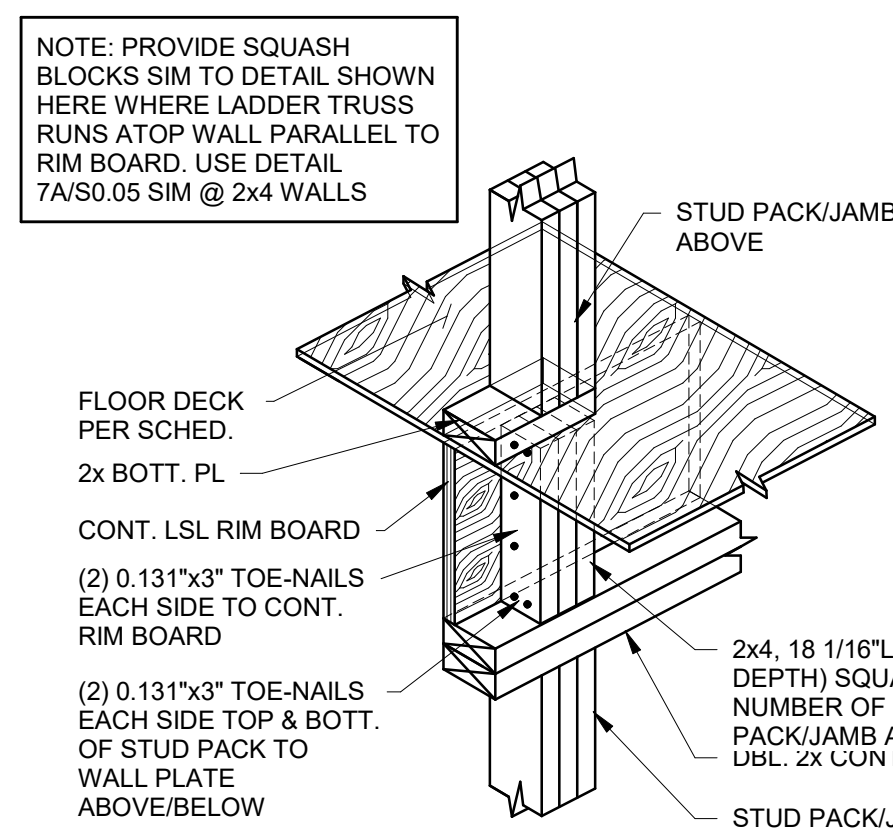
3/4" = 1'-0"



TYPICAL AT WALL CORNERS



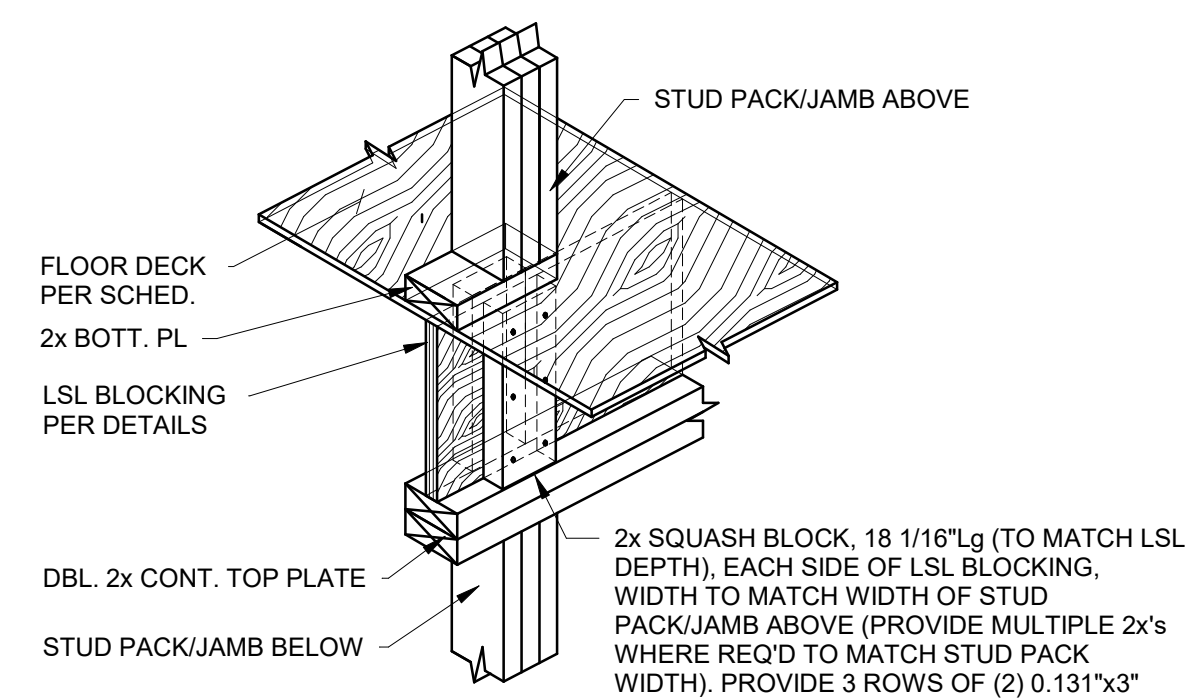
TYPICAL AT PARALLEL WALL



TYPICAL SQUASH BLOCK DETAIL AT CONTINUOUS RIM BOARD

### 7 SECTION

3/4" = 1'-0"

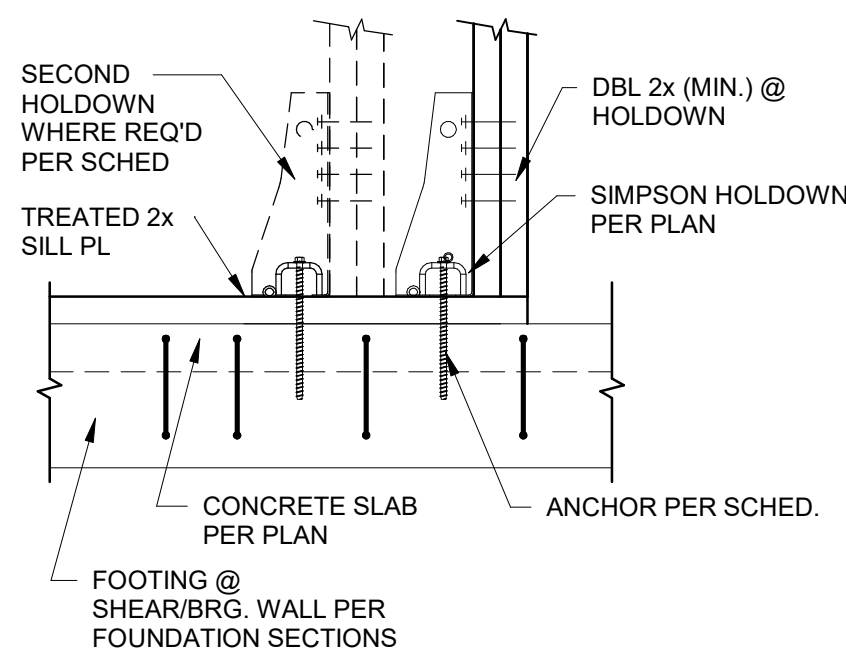


TYPICAL SQUASH BLOCK DETAIL AT LSL BLOCKING

### 7A SECTION

3/4" = 1'-0"

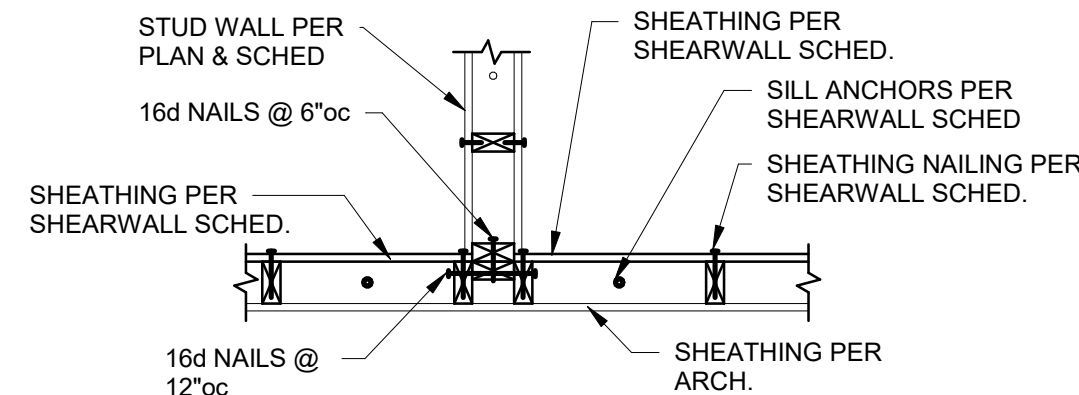




TYPICAL HDU HOLDOWN DETAIL

# 1 SECTION

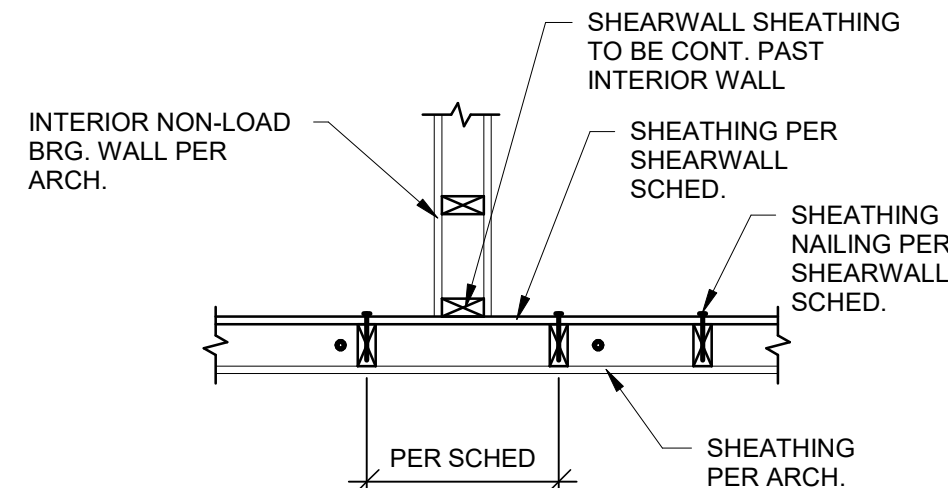
3/4" = 1'-0"



TYPICAL @ DISCONTINUOUS SHEARWALL SHEATHING

# 2 SECTION

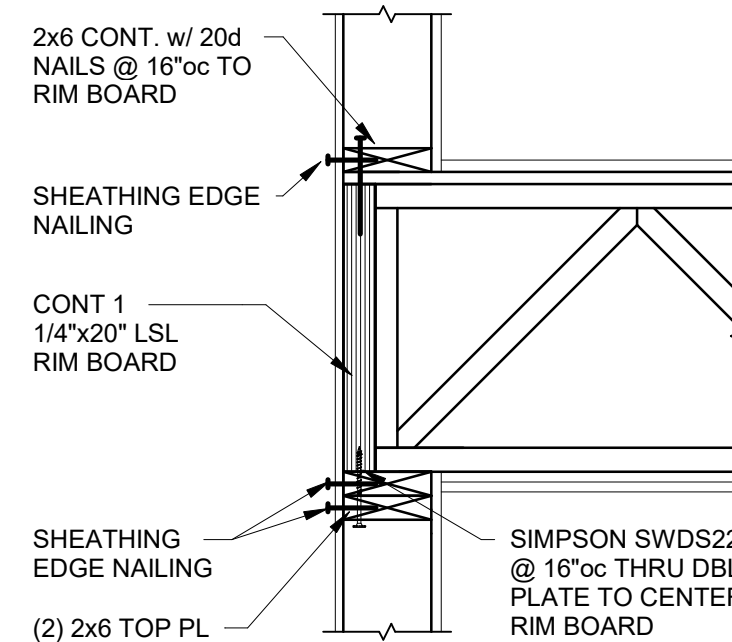
3/4" = 1'-0"



TYPICAL @ SHEARWALL SHEATHING CONTINUOUS PAST NON-LOAD BRG WALL

# 3 SECTION

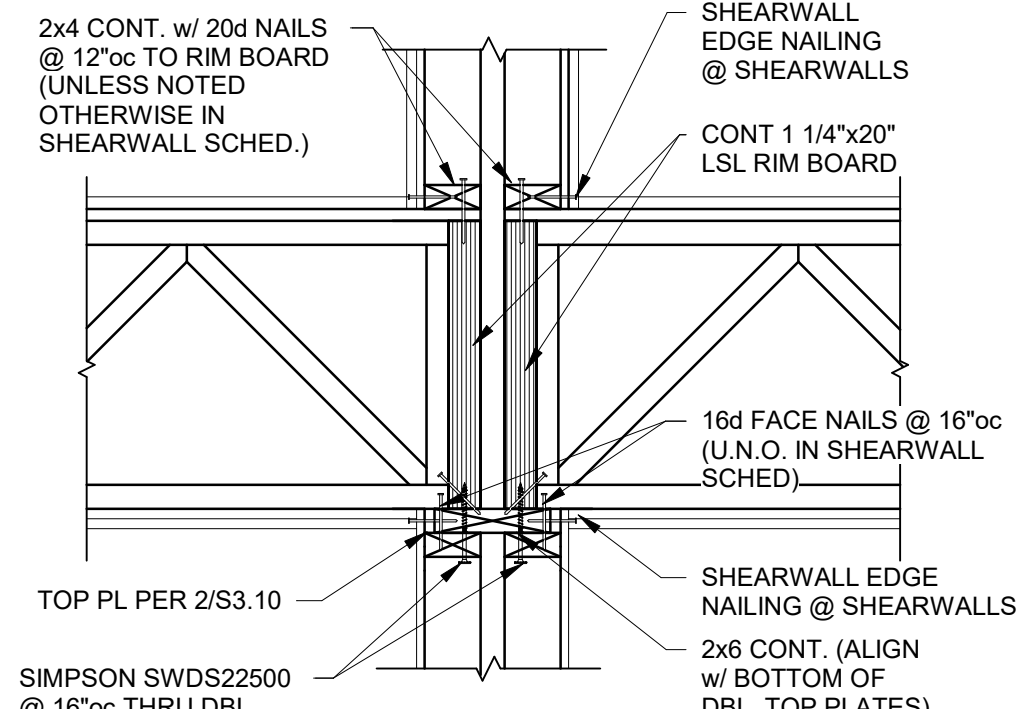
3/4" = 1'-0"



TYPICAL LATERAL NAILING AT EXTERIOR WALL WITH TRUSS BEARING

# 4 SECTION

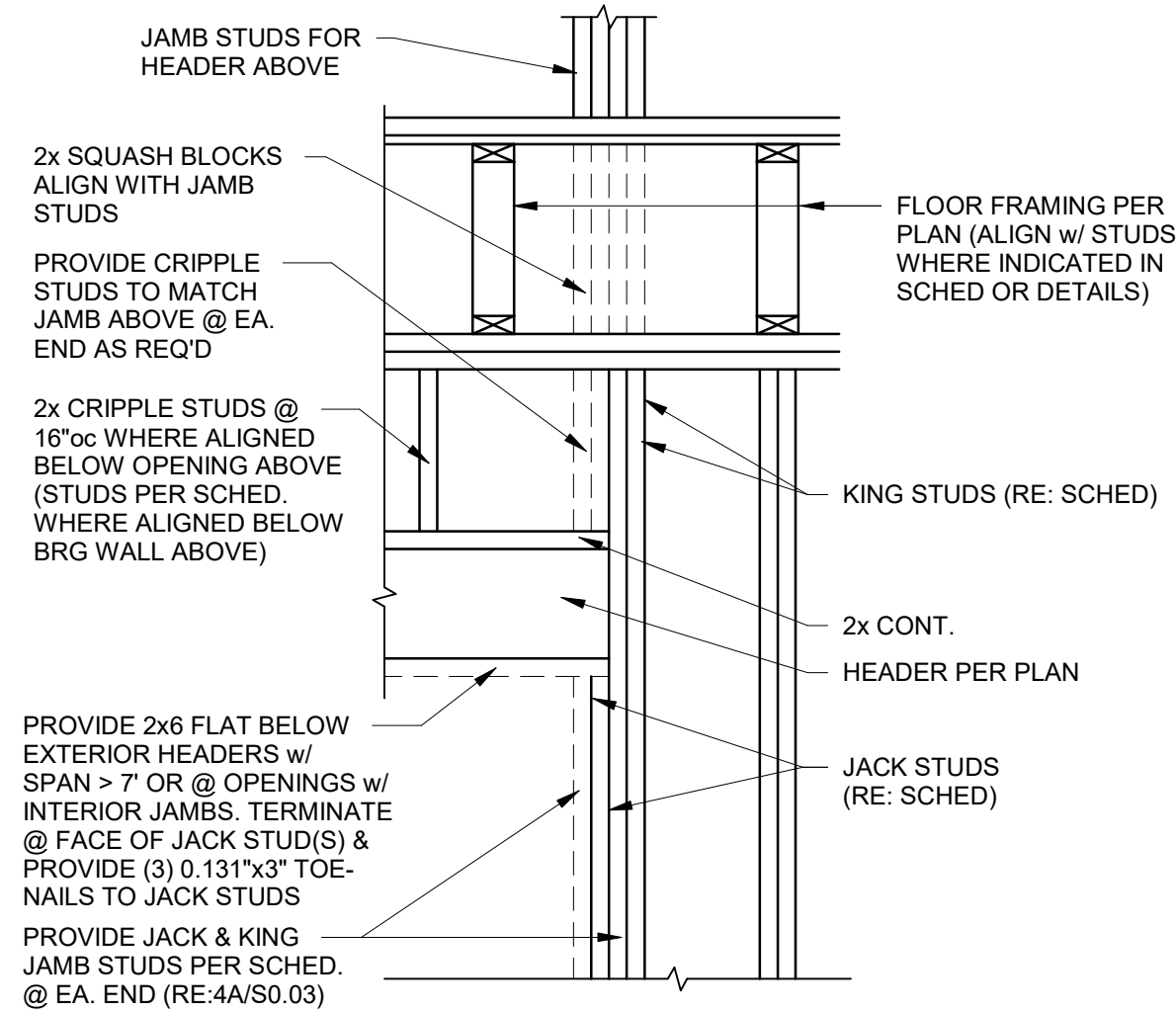
1" = 1'-0"



TYPICAL LATERAL NAILING AT DOUBLE UNIT DEMISING WALLS WITH TRUSS BEARING

# 5 SECTION

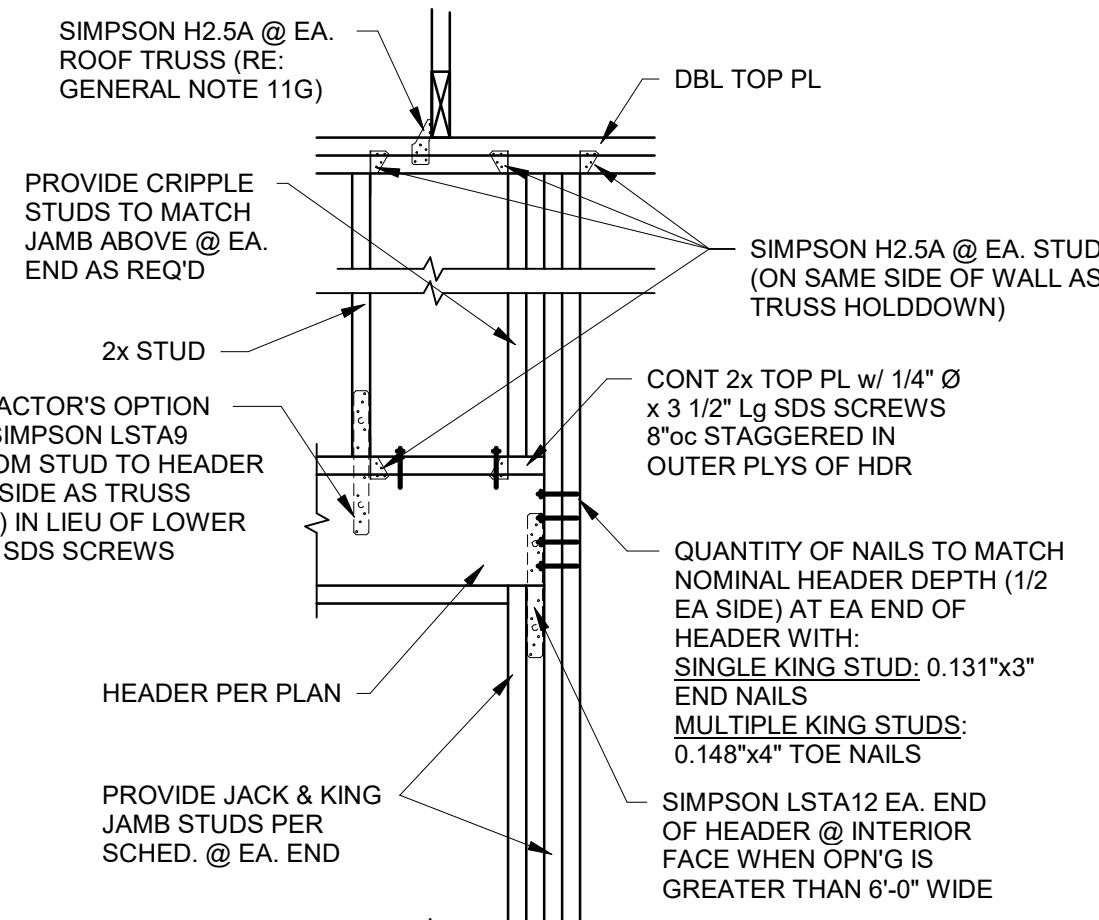
1" = 1'-0"



TYPICAL HEADER DETAIL

# 6 SECTION

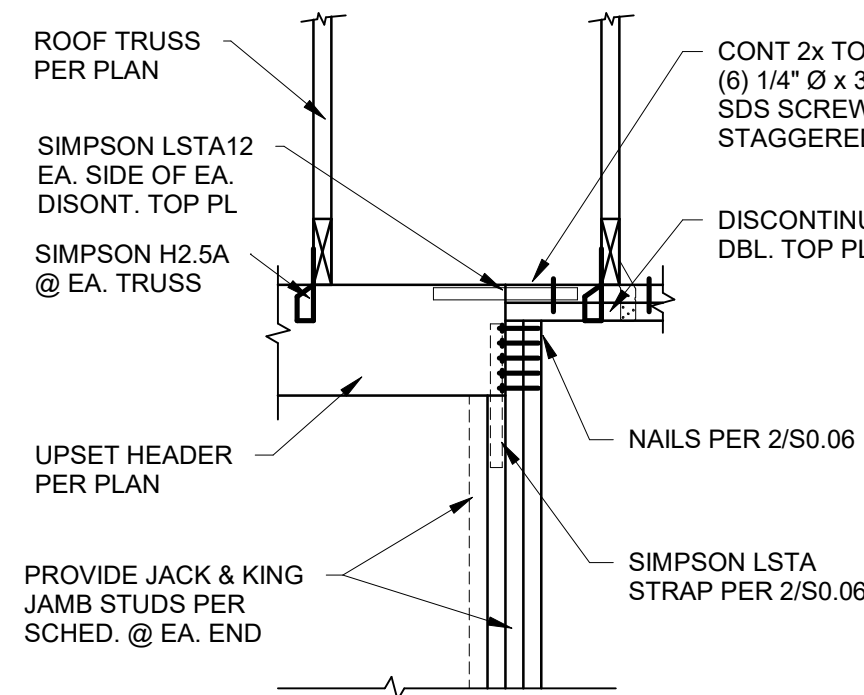
3/4" = 1'-0"



TYPICAL HEADER DETAIL @ ROOF TRUSS BRG LOCATIONS

# 7 SECTION

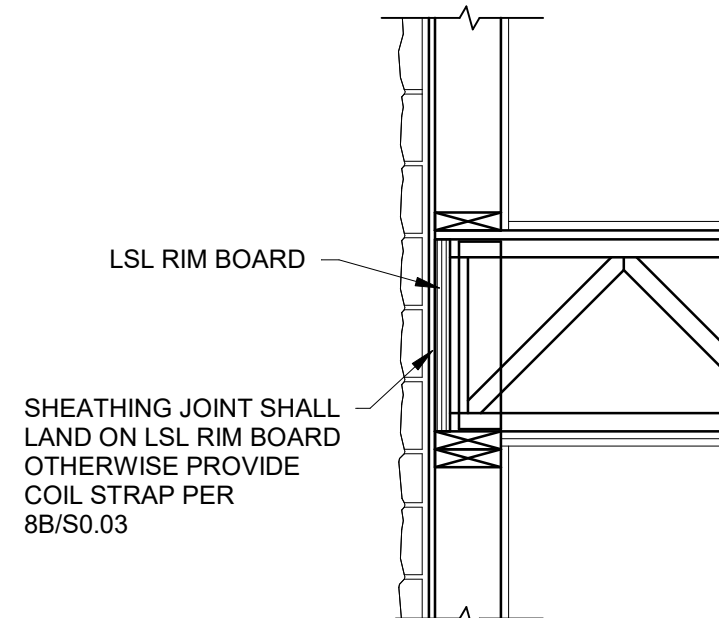
3/4" = 1'-0"



TYPICAL HEADER DETAIL AT DISCONTINUOUS TOP PLATE AT ROOF

# 8 SECTION

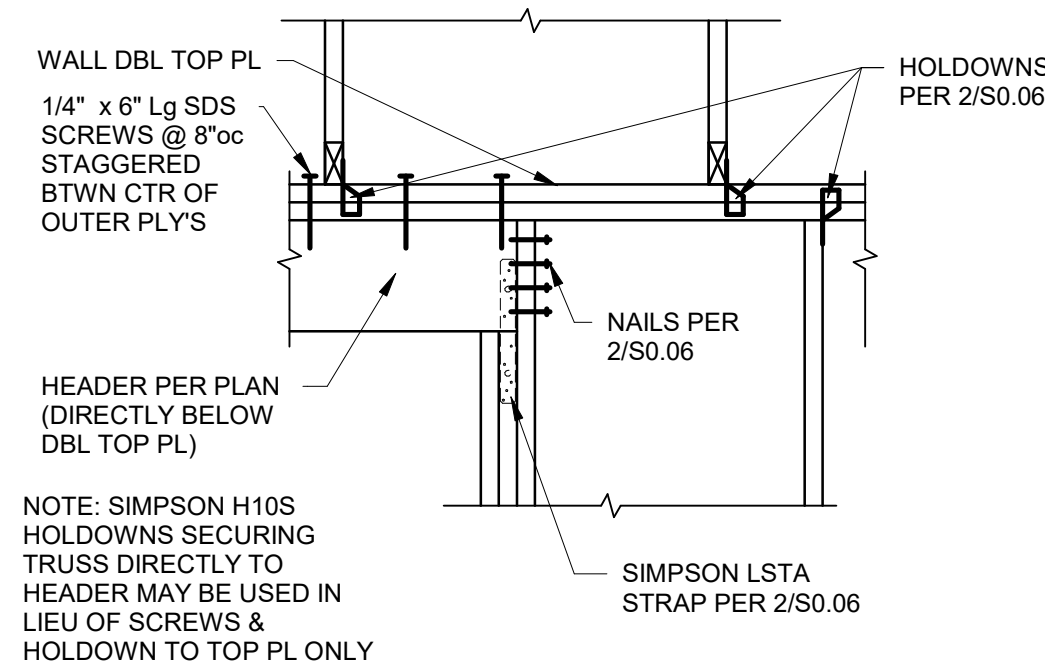
3/4" = 1'-0"



TYPICAL EXTERIOR SHEATHING JOINT

# 13 DETAIL

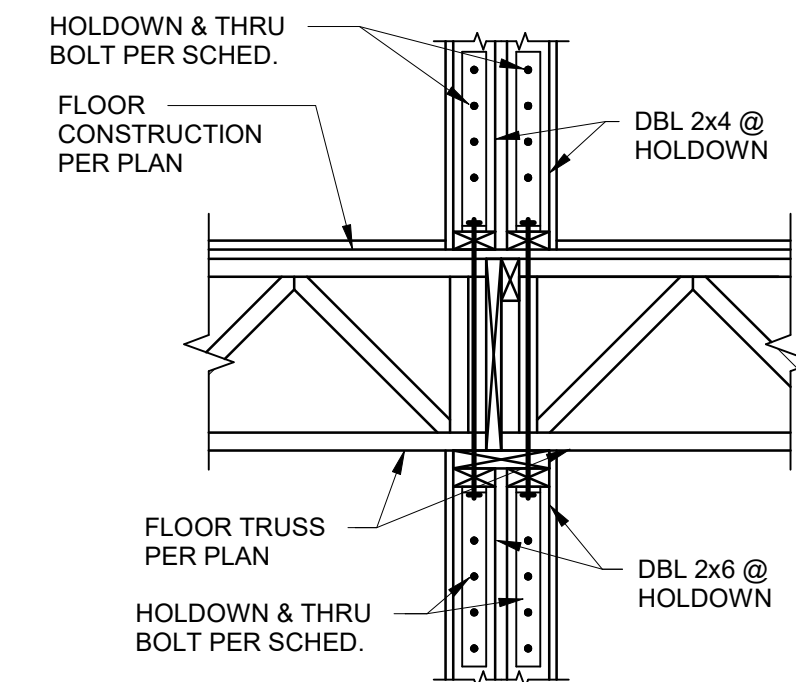
3/4" = 1'-0"



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

# 9 SECTION

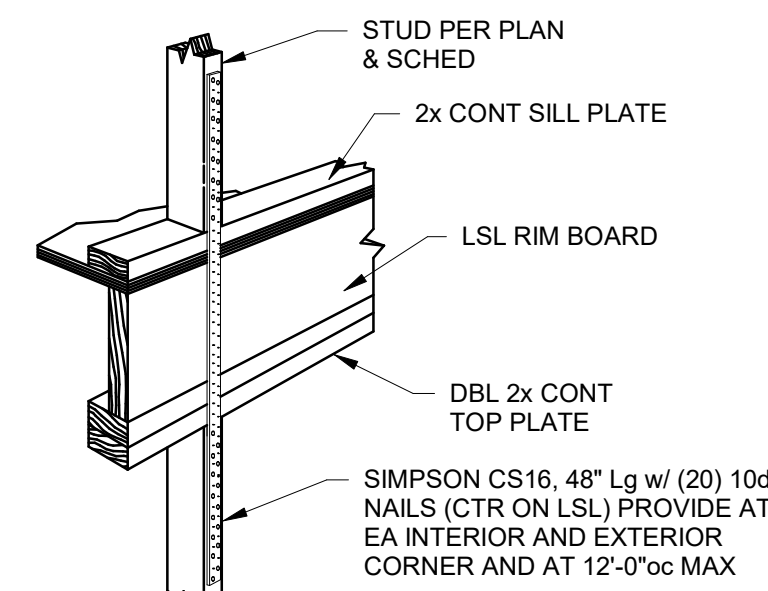
3/4" = 1'-0"



TYP HOLDOWN DETAIL

# 10 DETAIL

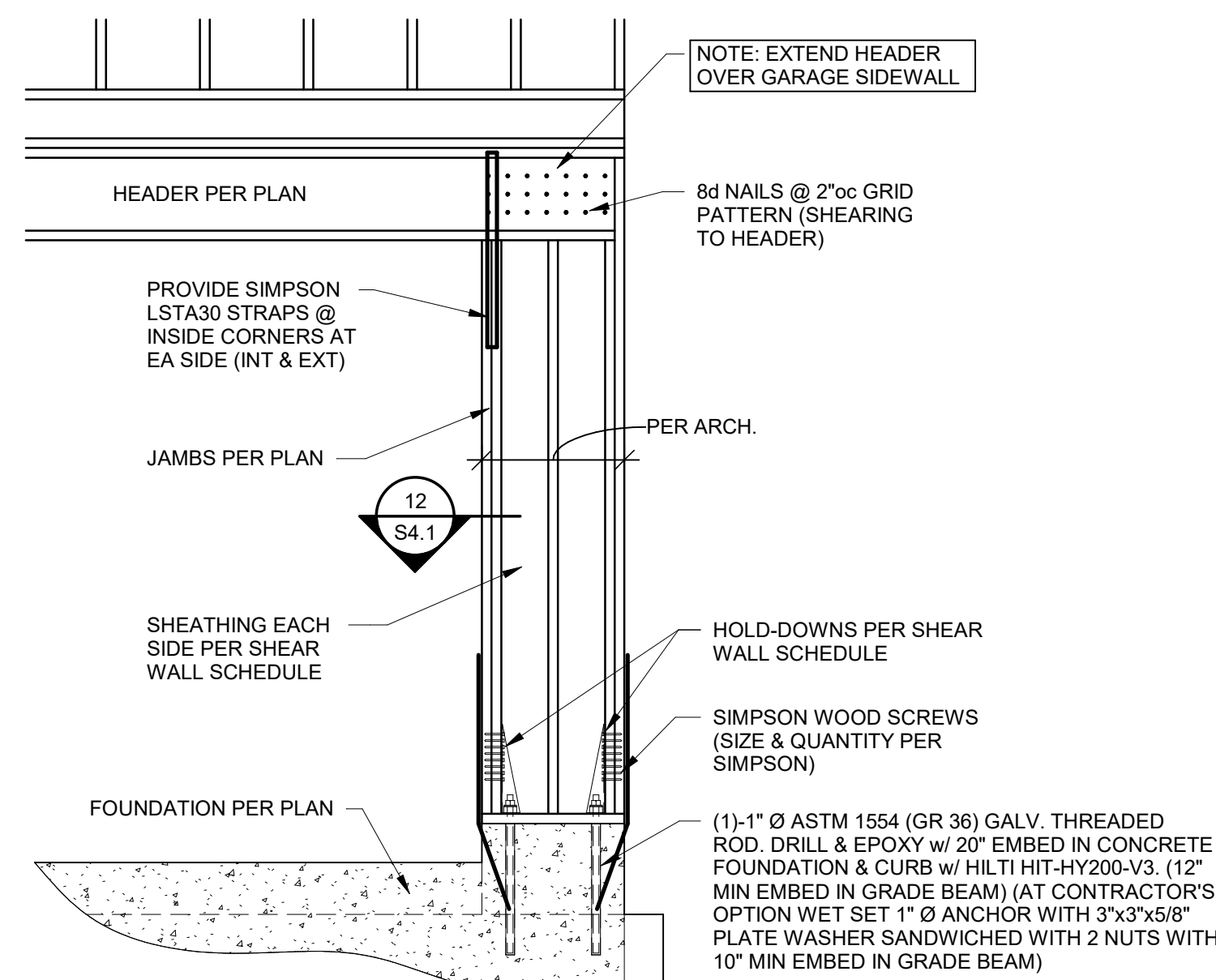
3/4" = 1'-0"



TYP COIL STRAP AT EXTERIOR

# 14 DETAIL

3/4" = 1'-0"

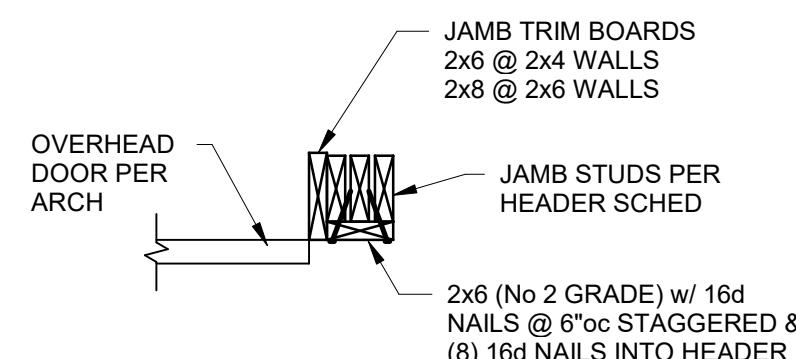


NOTE: PROVIDE ON EACH SIDE OF ALL GARAGE DOOR OPENINGS.

GARAGE PORTAL FRAMING DETAIL

# 11 DETAIL

1/2" = 1'-0"

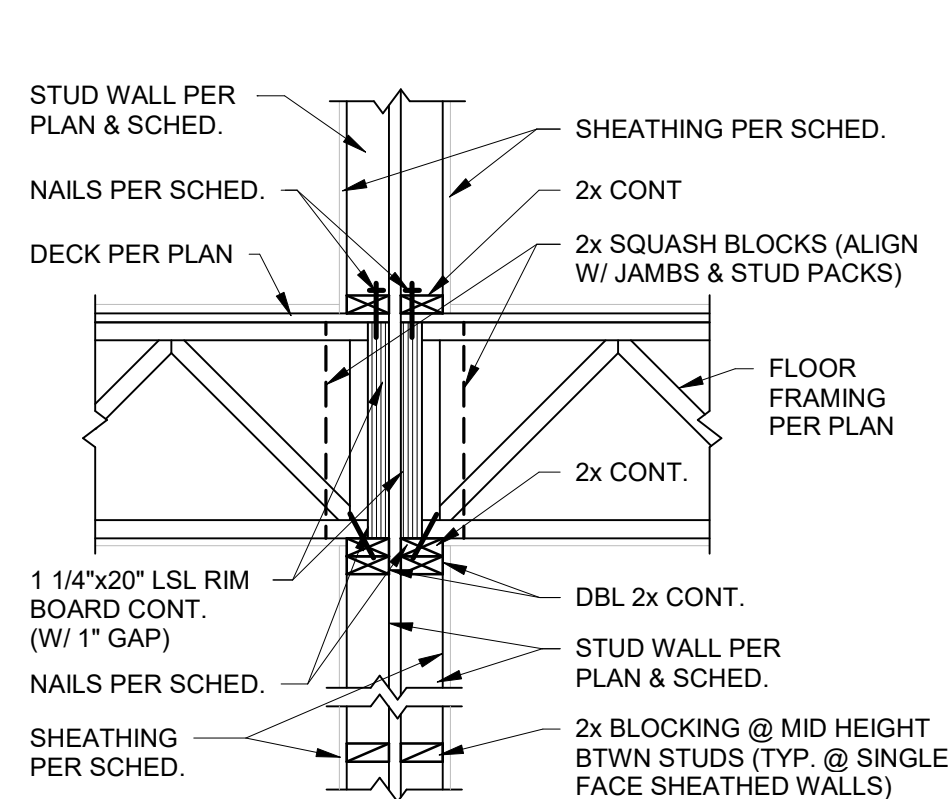


TYP GARAGE SILL DETAIL

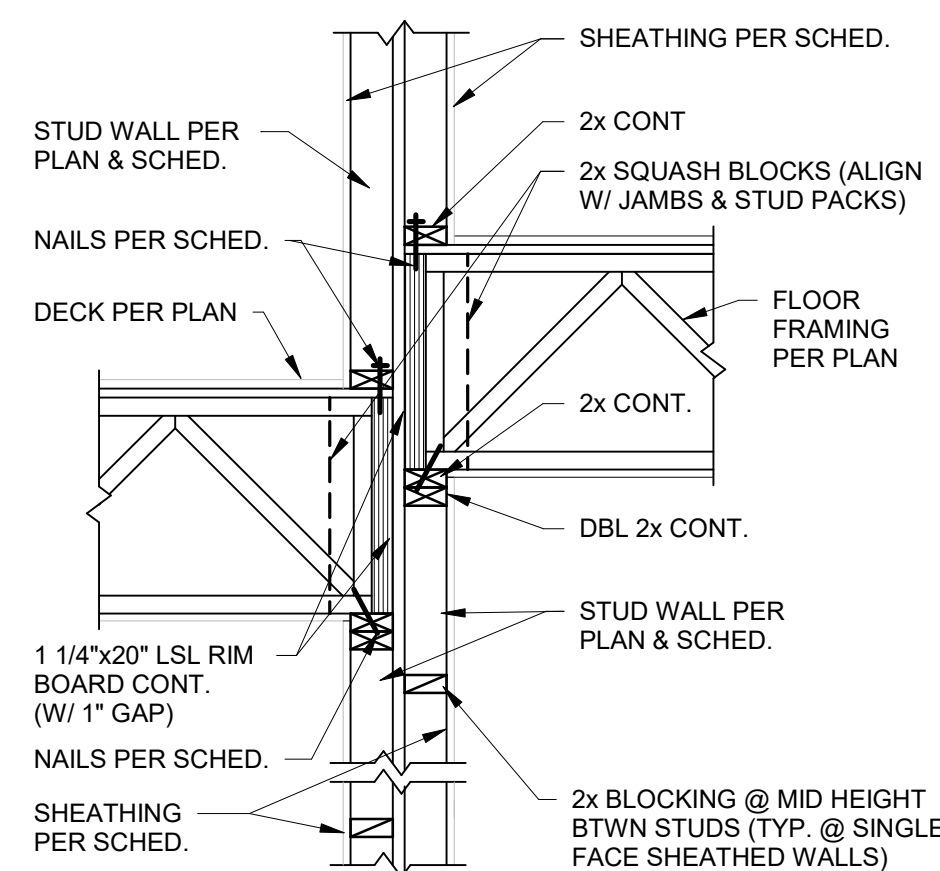
# 12 DETAIL

3/4" = 1'-0"

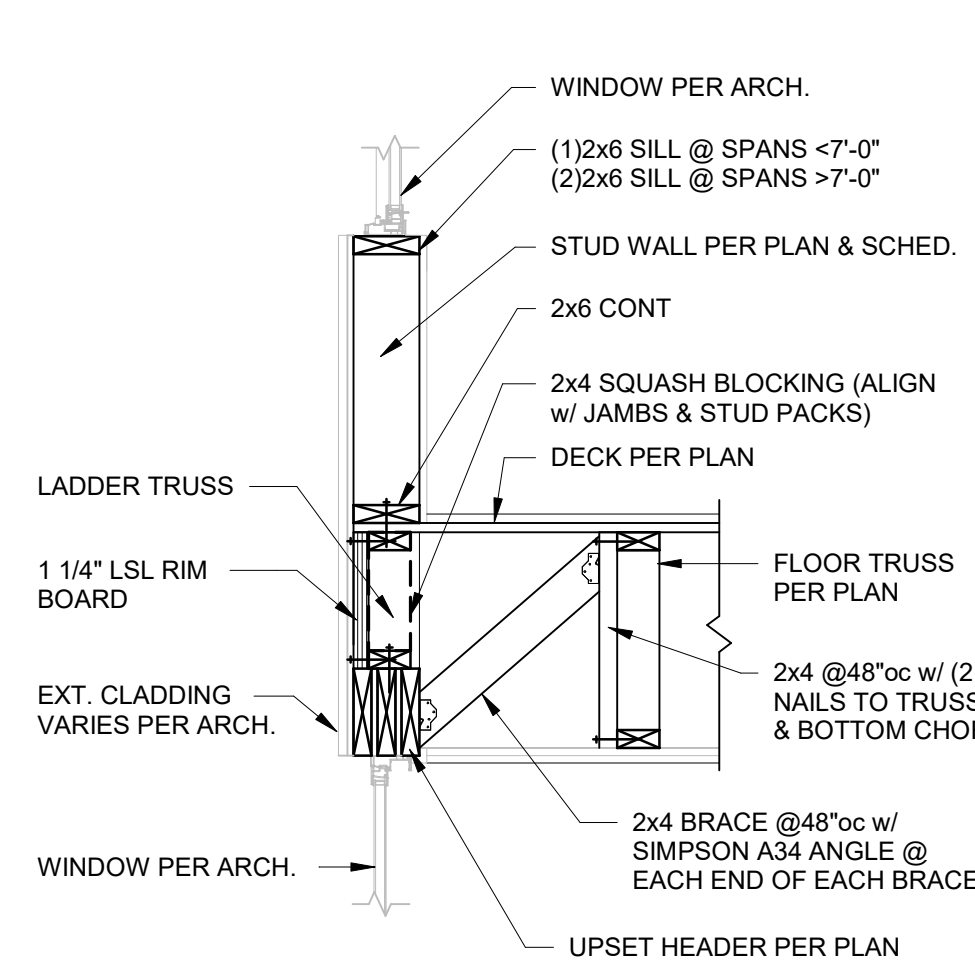




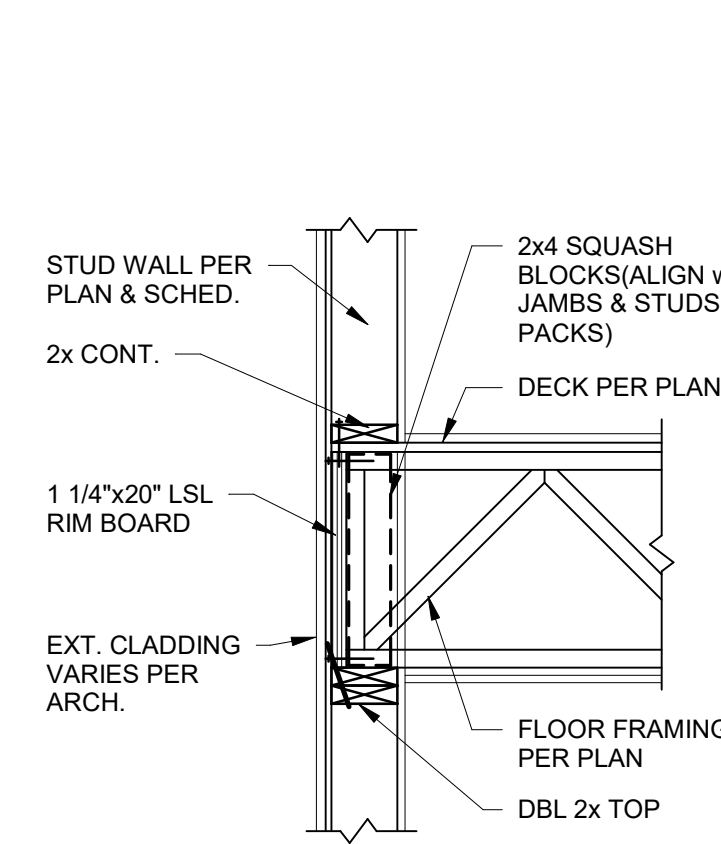
**1 SECTION**  
3/4" = 1'-0"



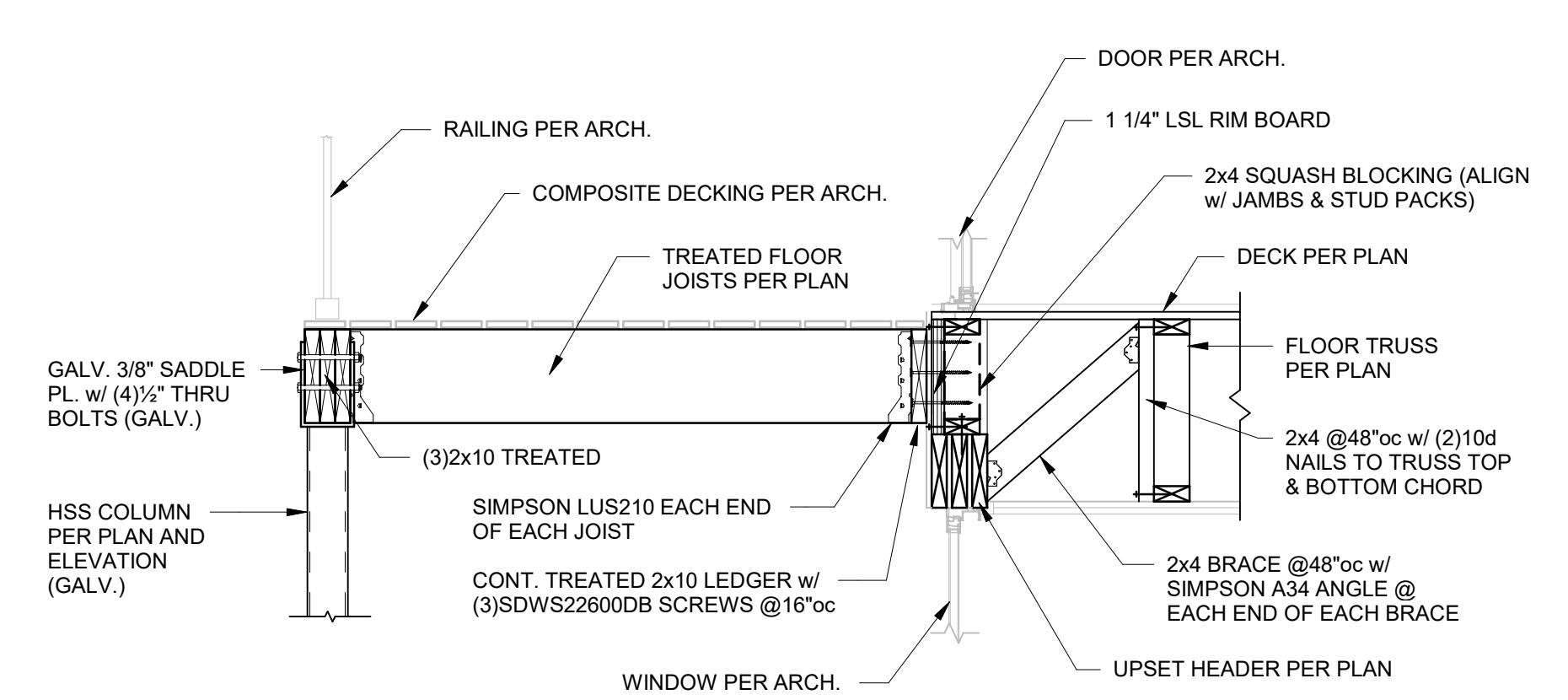
**2 SECTION**  
3/4" = 1'-0"



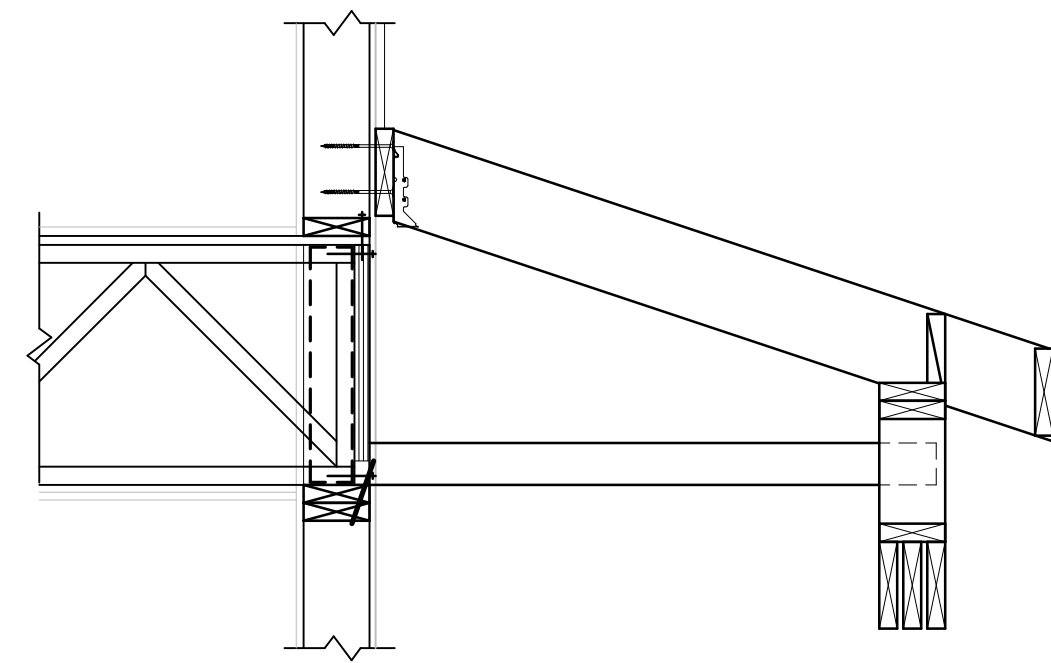
**3 SECTION**  
3/4" = 1'-0"



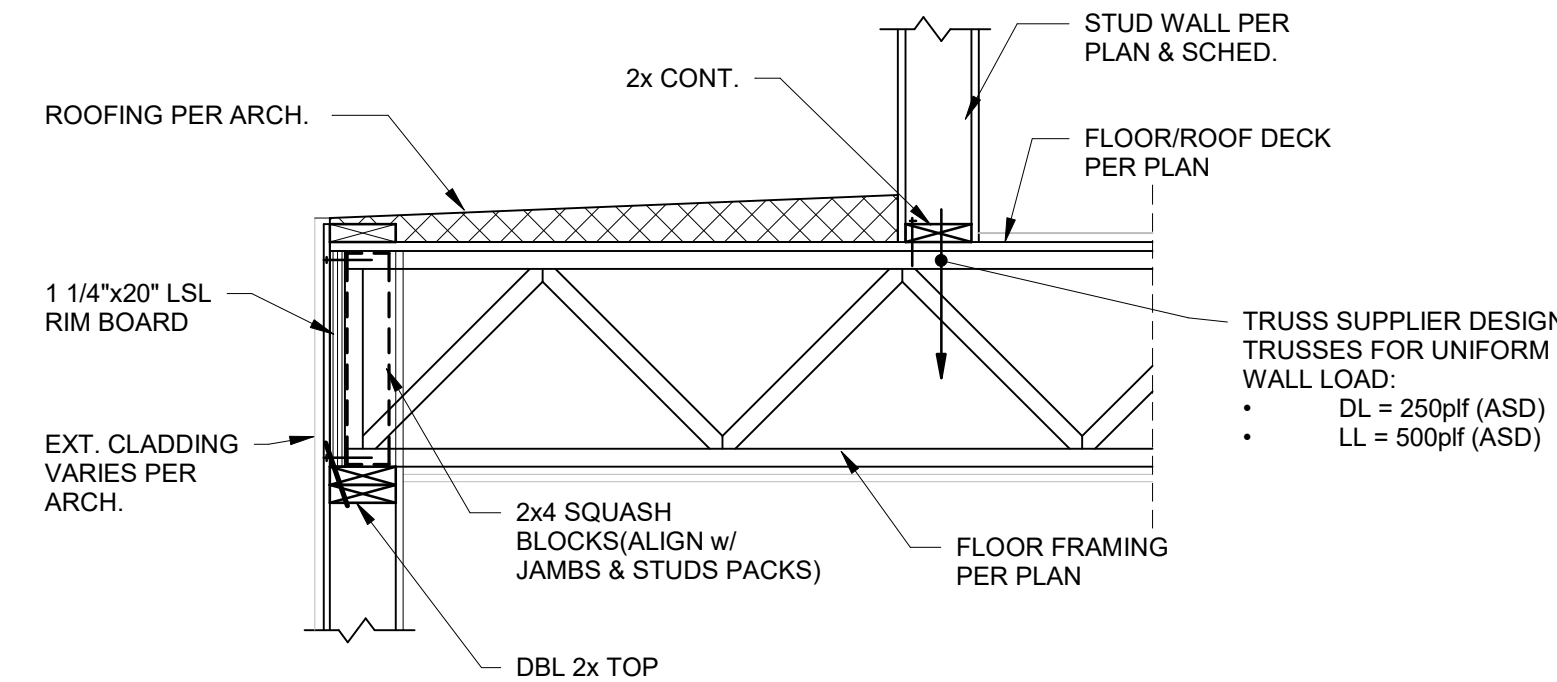
**4 SECTION**  
3/4" = 1'-0"



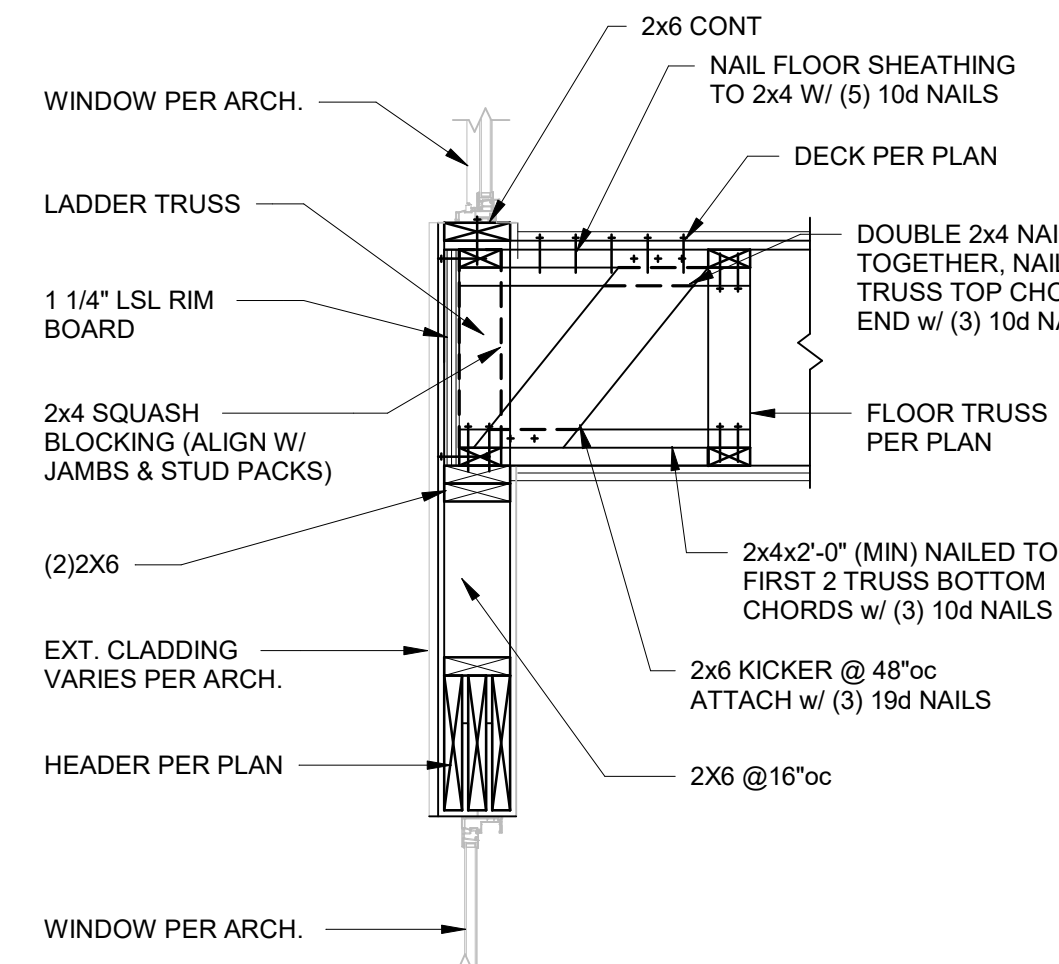
**5 SECTION**  
3/4" = 1'-0"



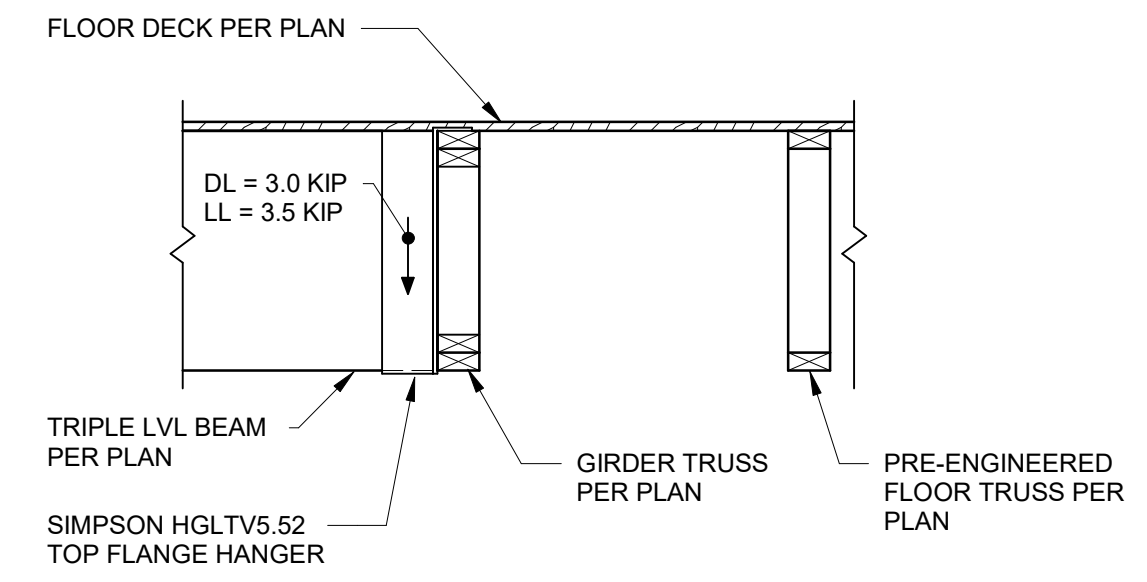
**6 SECTION**  
3/4" = 1'-0"



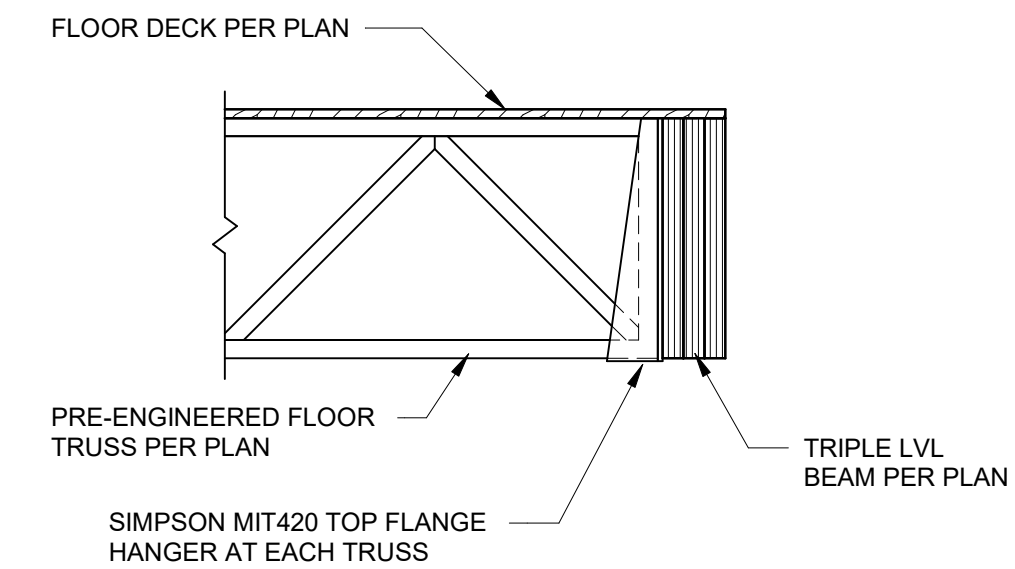
**7 SECTION**  
3/4" = 1'-0"



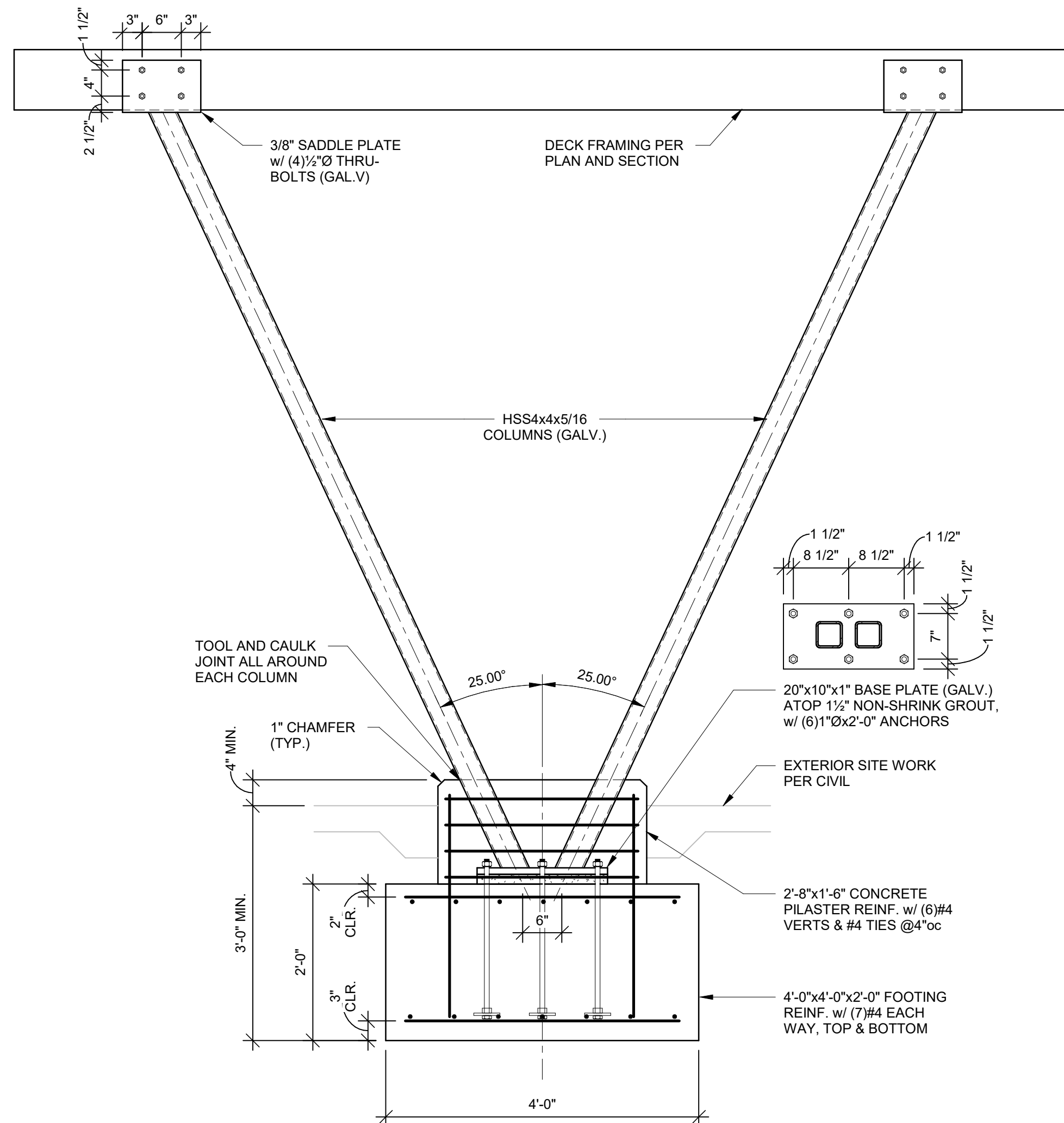
**8 SECTION**  
3/4" = 1'-0"



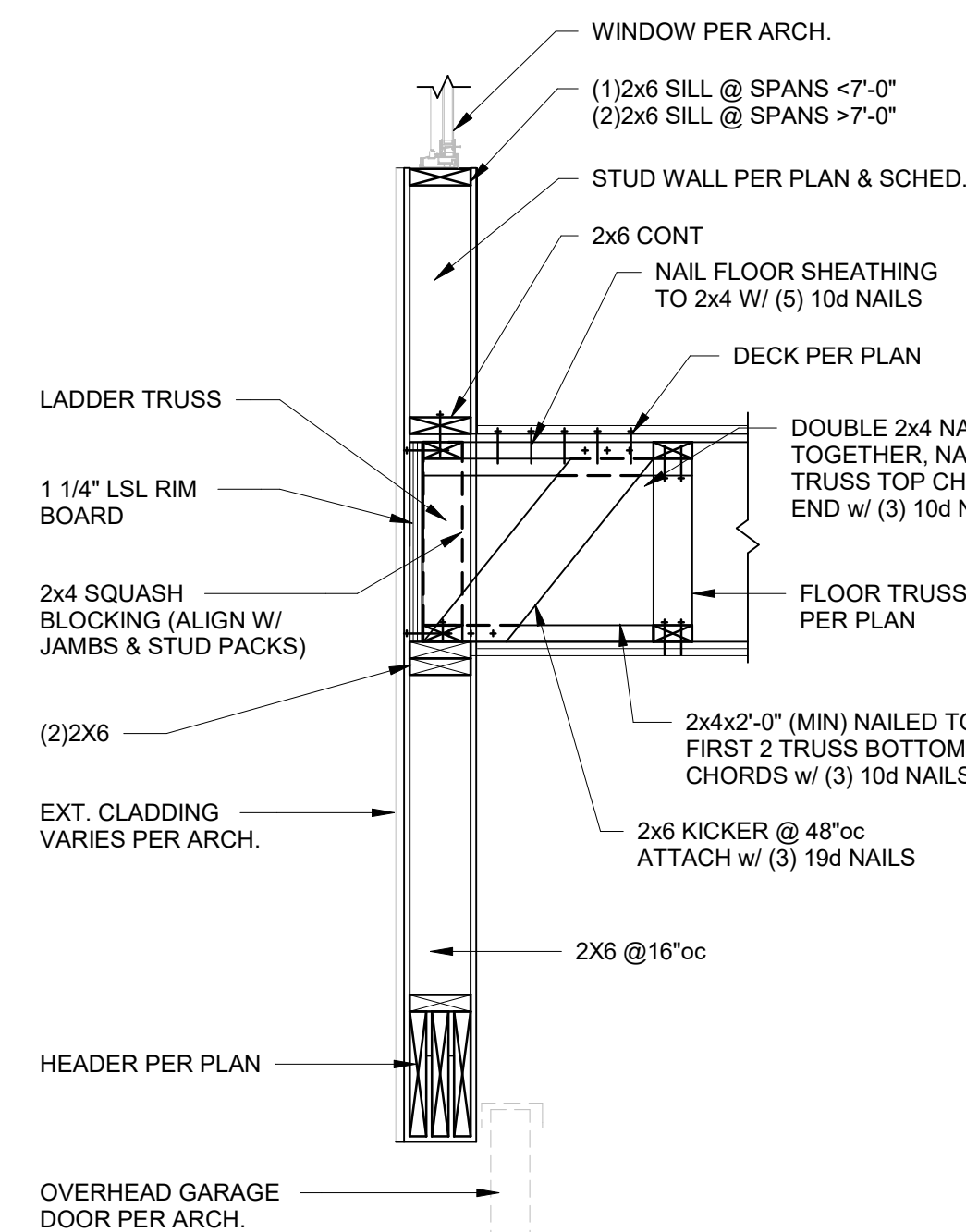
**9 SECTION**  
3/4" = 1'-0"



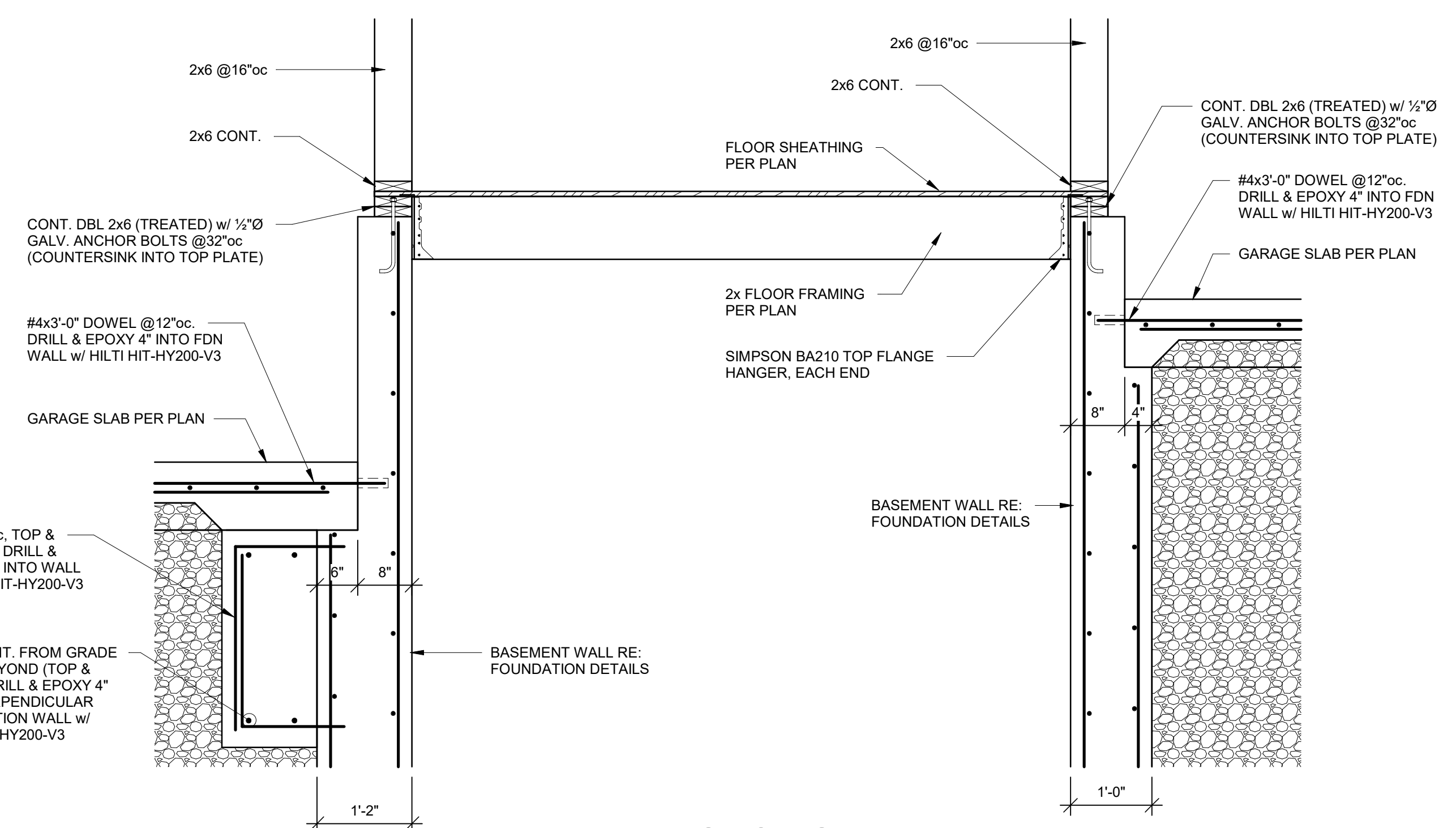
**10 SECTION**  
3/4" = 1'-0"



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

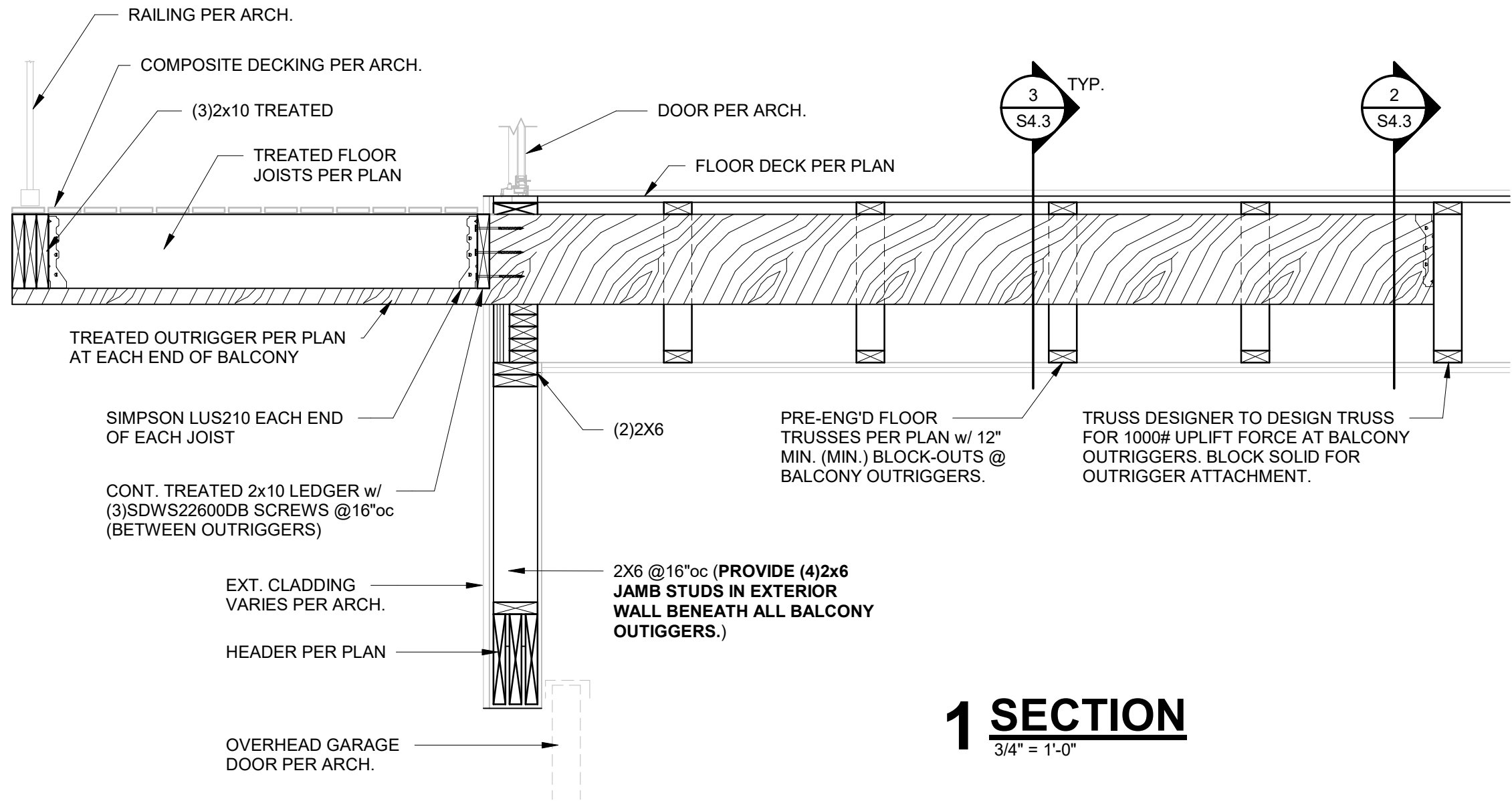


**12 SECTION**  
3/4" = 1'-0"

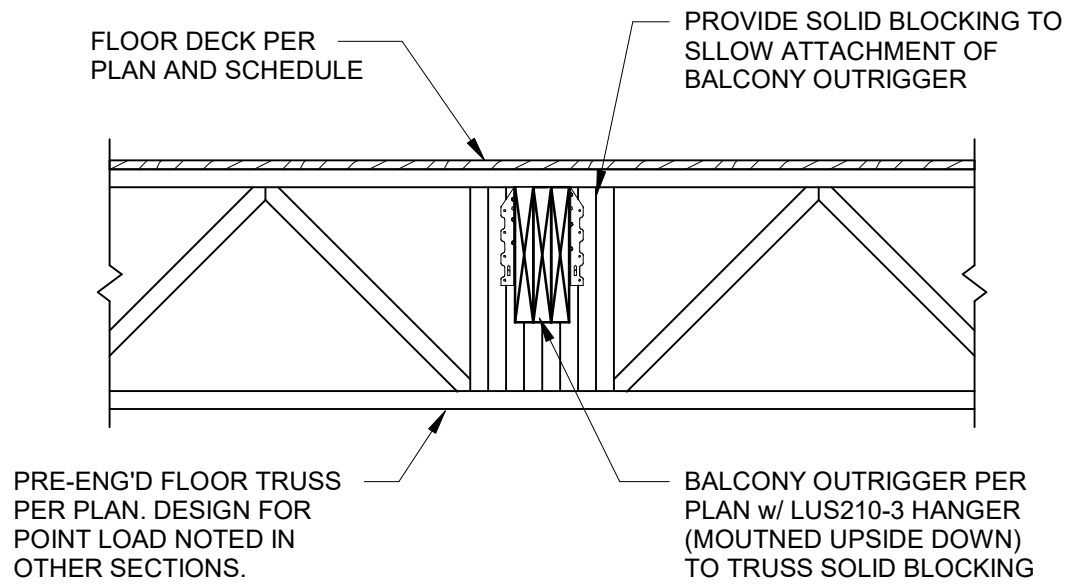


**13 SECTION**  
3/4" = 1'-0"

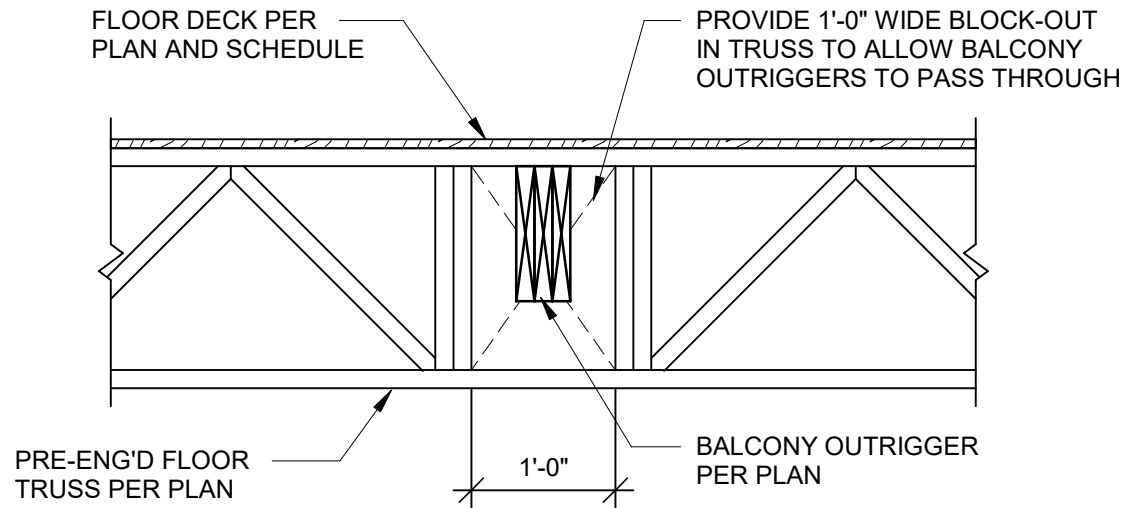




**1 SECTION**  
3/4" = 1'-0"

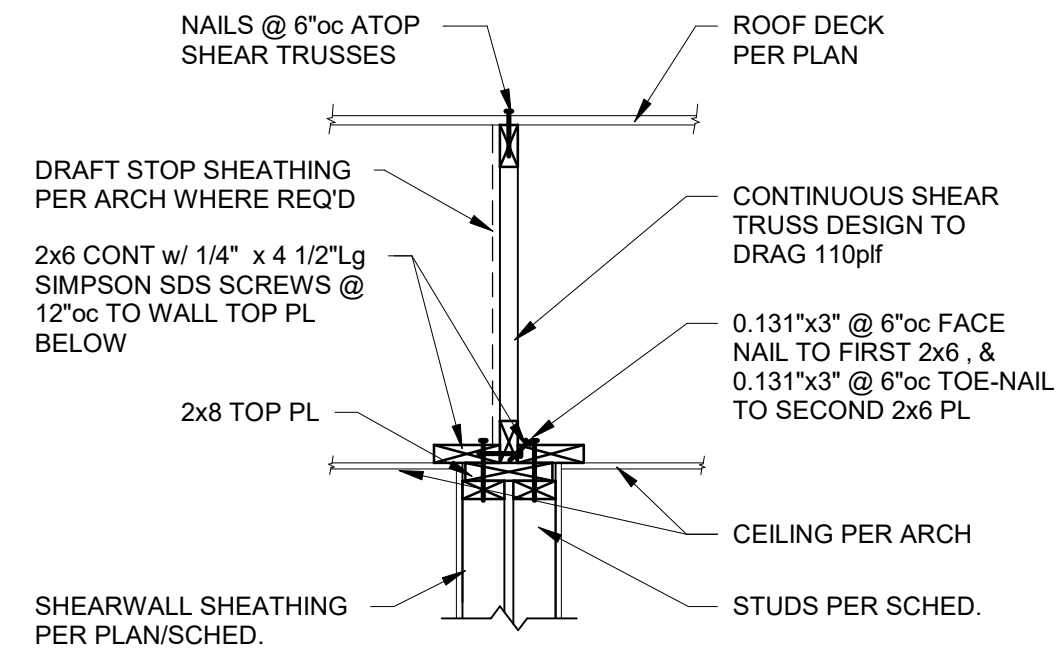


**2 SECTION**  
3/4" = 1'-0"



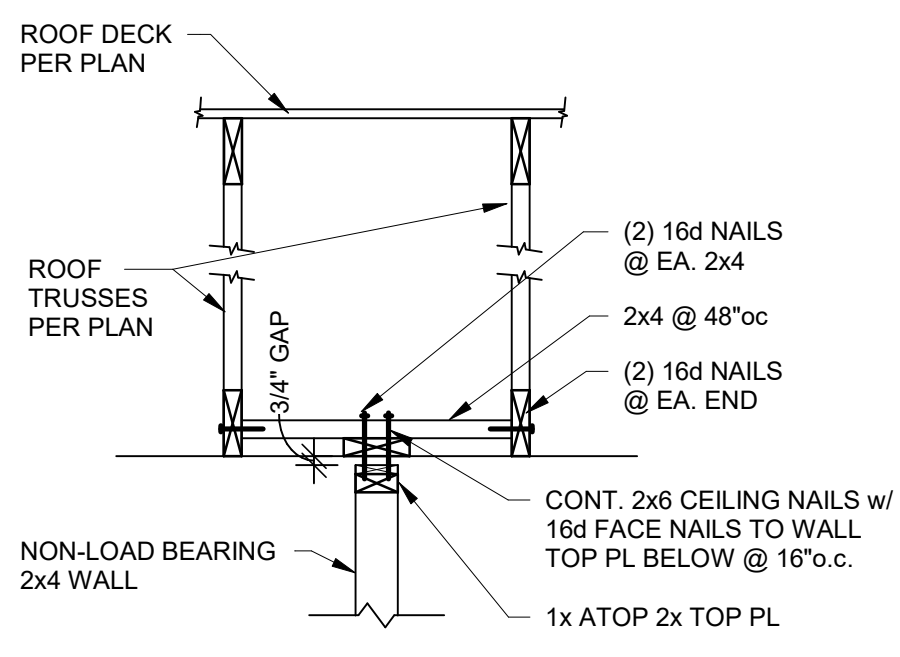
**3 SECTION**  
3/4" = 1'-0"





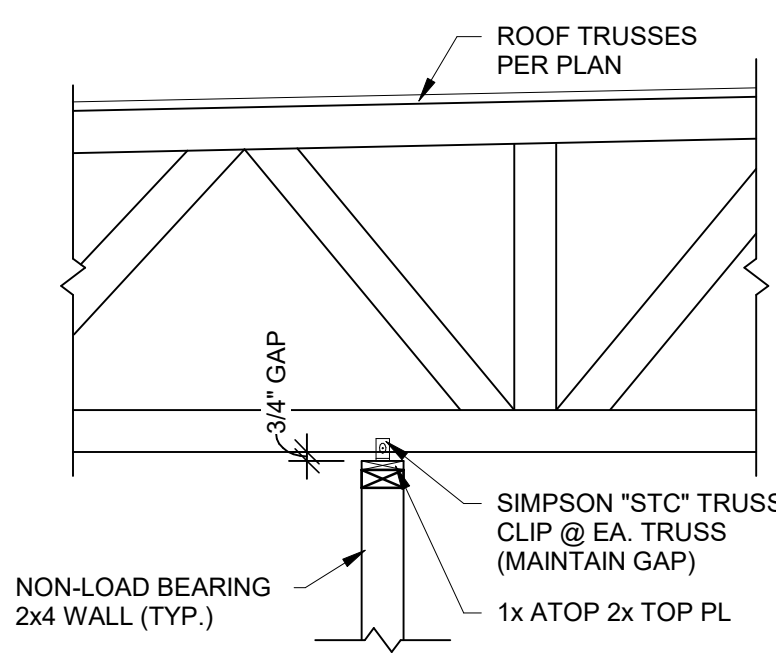
TYPICAL SHEAR TRUSS  
ATOP SHEARWALL

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



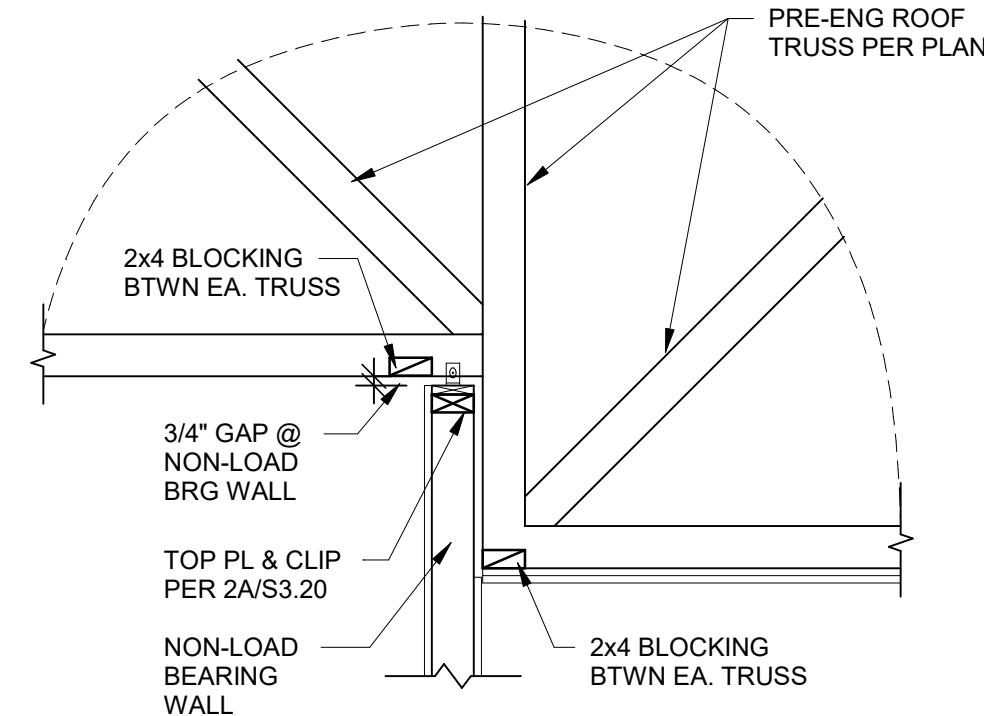
TYPICAL NON-LOAD BEARING  
WALL/TRUSS AT ROOF

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

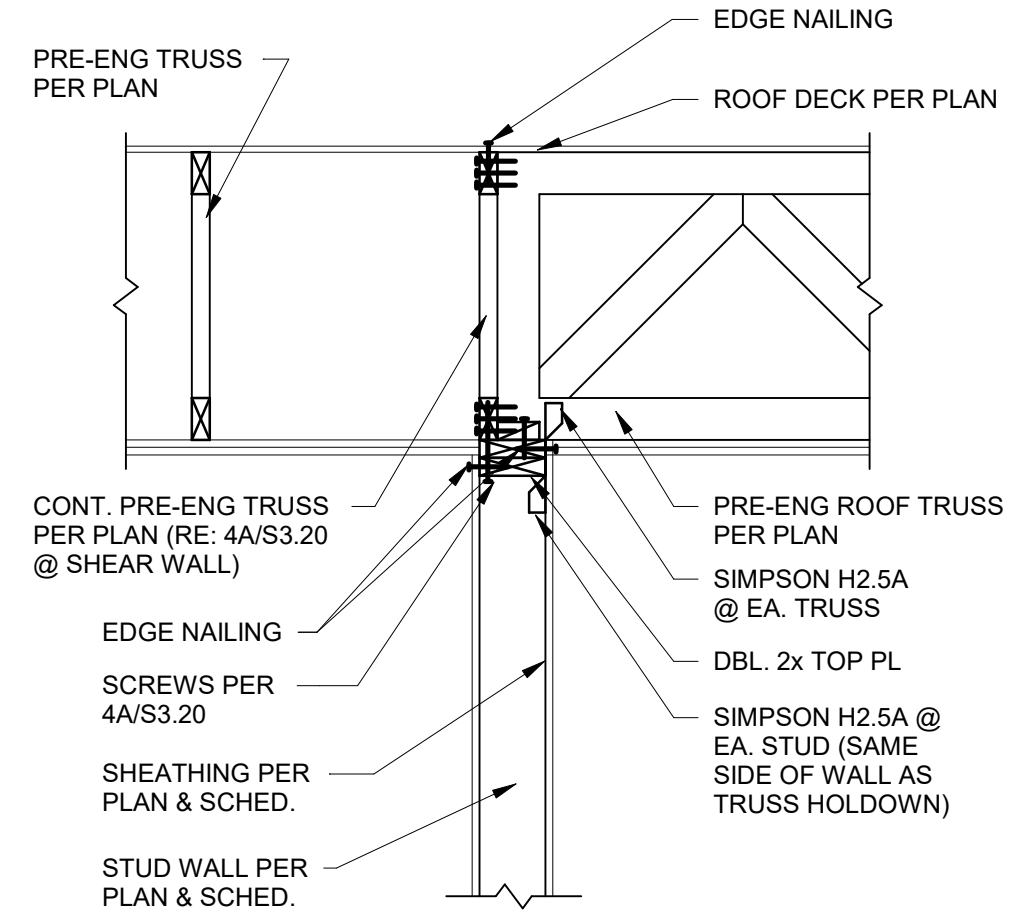


TYPICAL NON-LOAD BEARING  
WALL/TRUSS AT ROOF

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

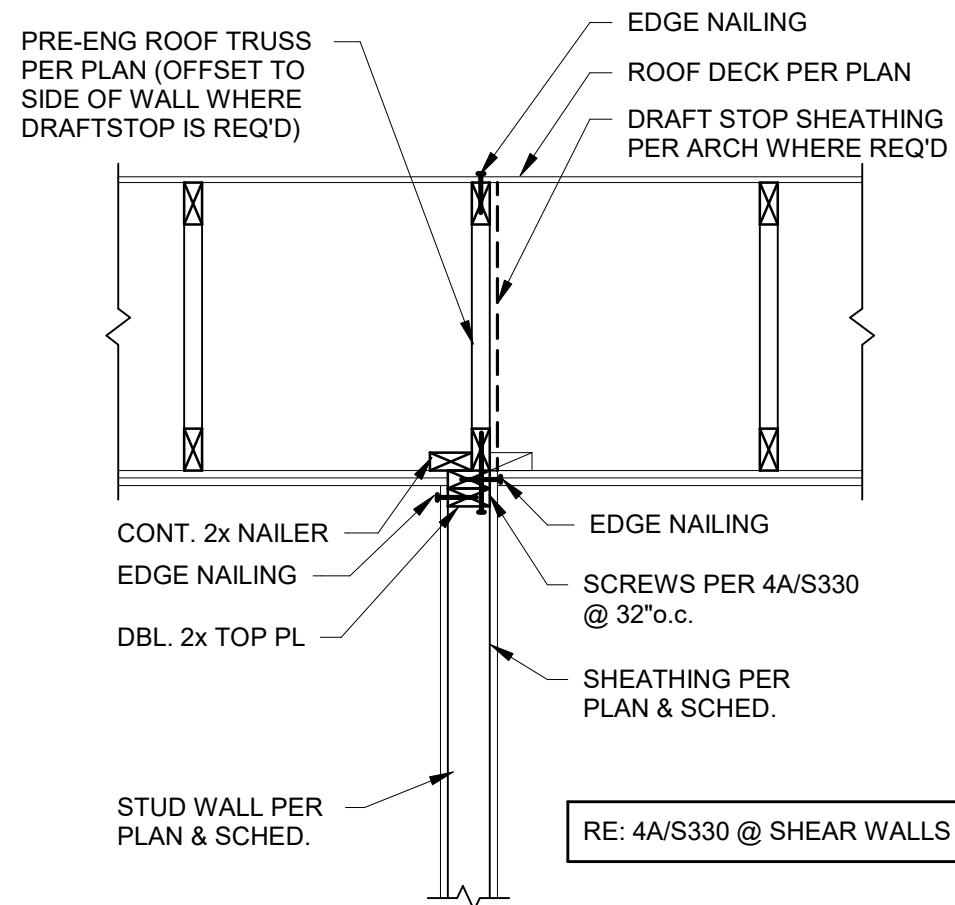


**2B SECTION**  
3/4" = 1'-0"



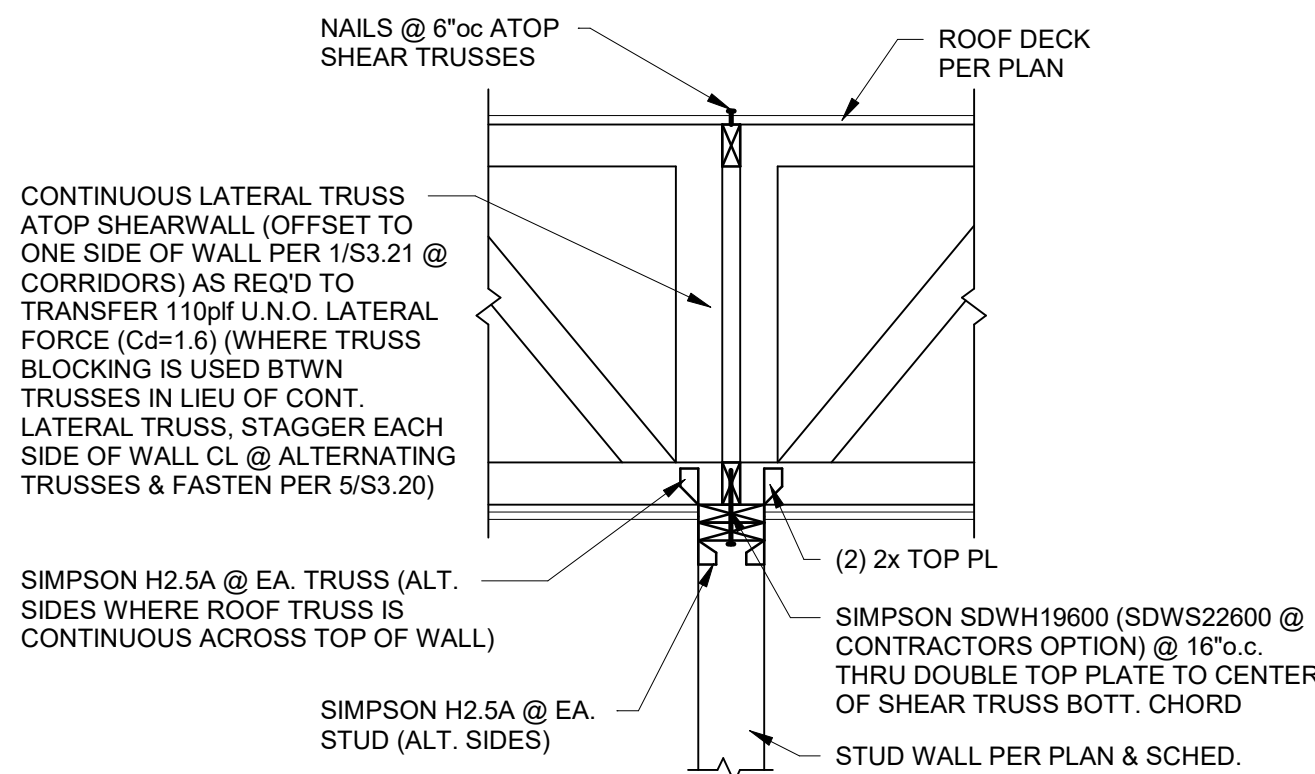
TYP. INTERSECTING ROOF TRUSSES @ BRG. WALL

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



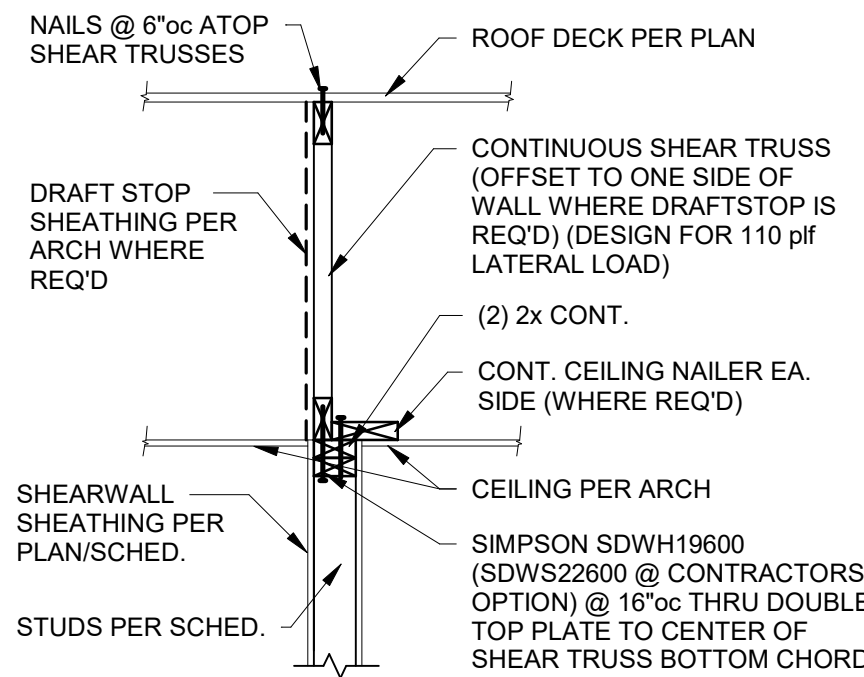
TYP. ROOF TRUSS PARALLEL W/ WALL

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



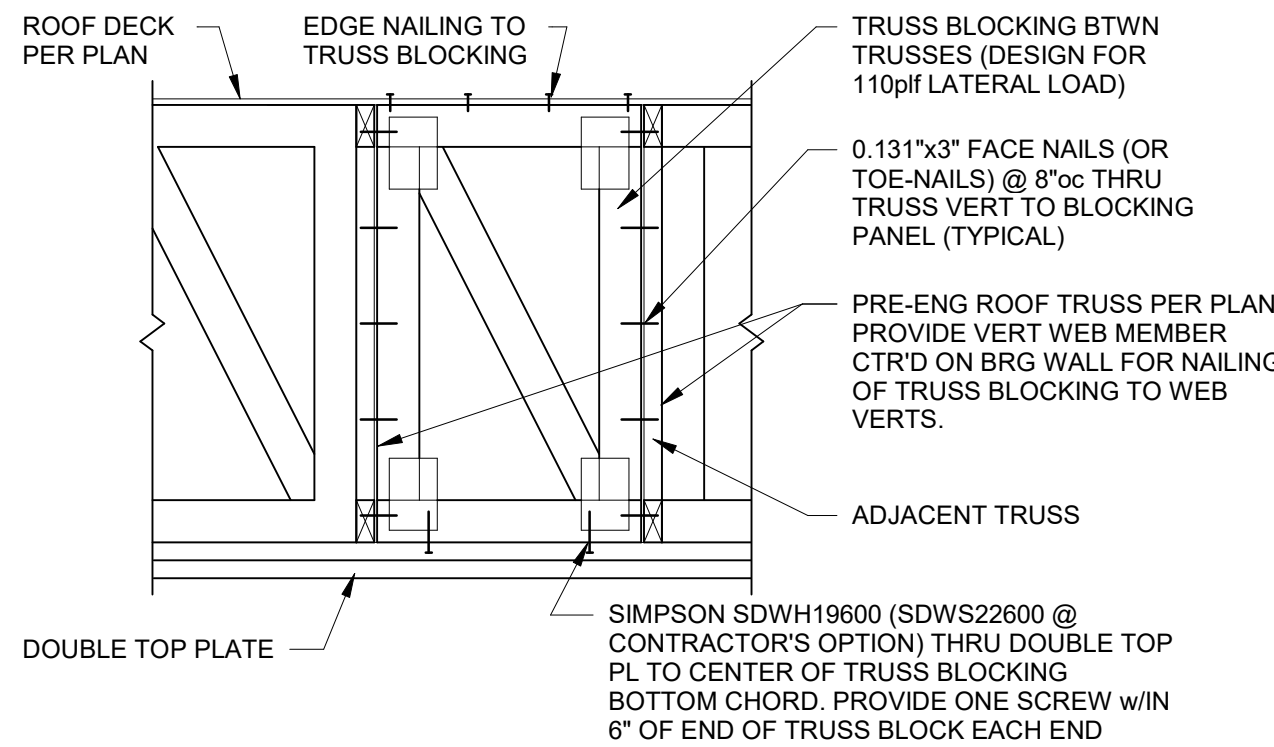
TYPICAL LATERAL TRUSS ATOP SHEARWALL  
PERPENDICULAR TO TRUSS SPAN

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



TYPICAL LATERAL TRUSS ATOP  
PARALLEL SHEARWALL

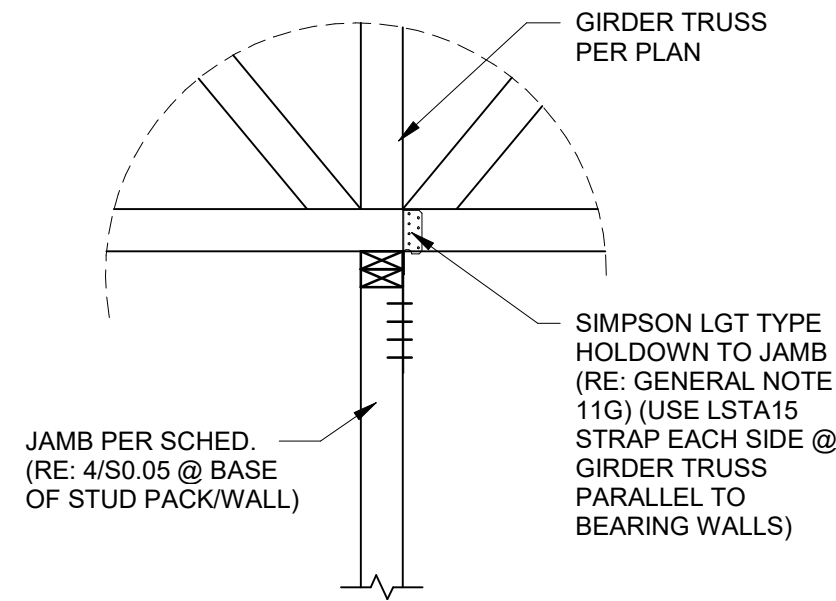
**4A SECTION**  
3/4" = 1'-0"



- 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.

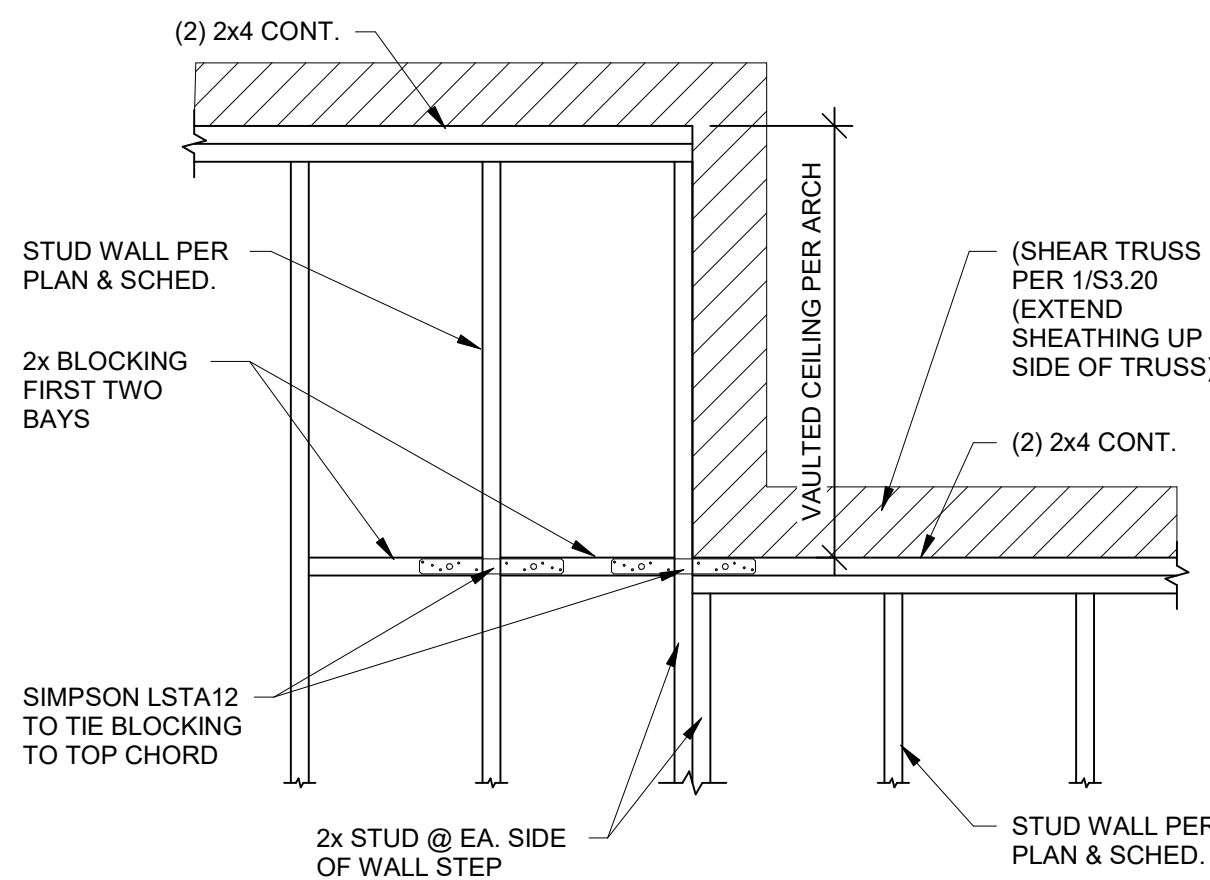
TYPICAL ROOF TRUSS BLOCKING AT SHEARWALLS

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

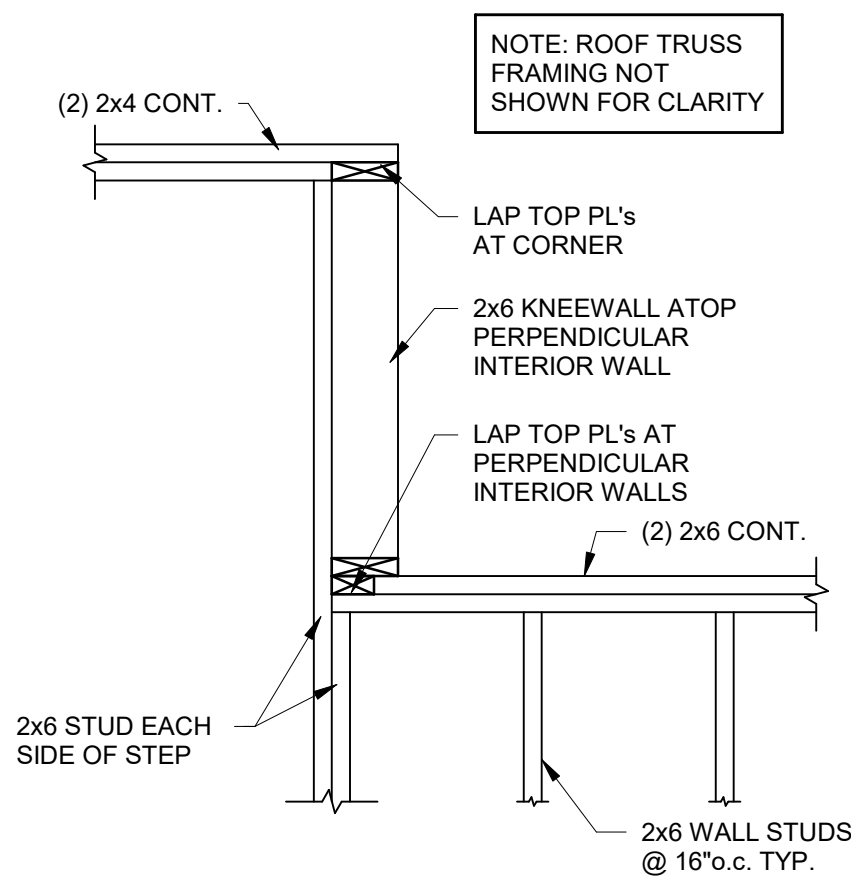


TYPICAL DETAIL AT ROOF  
GIRDER TRUSS BEARING

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



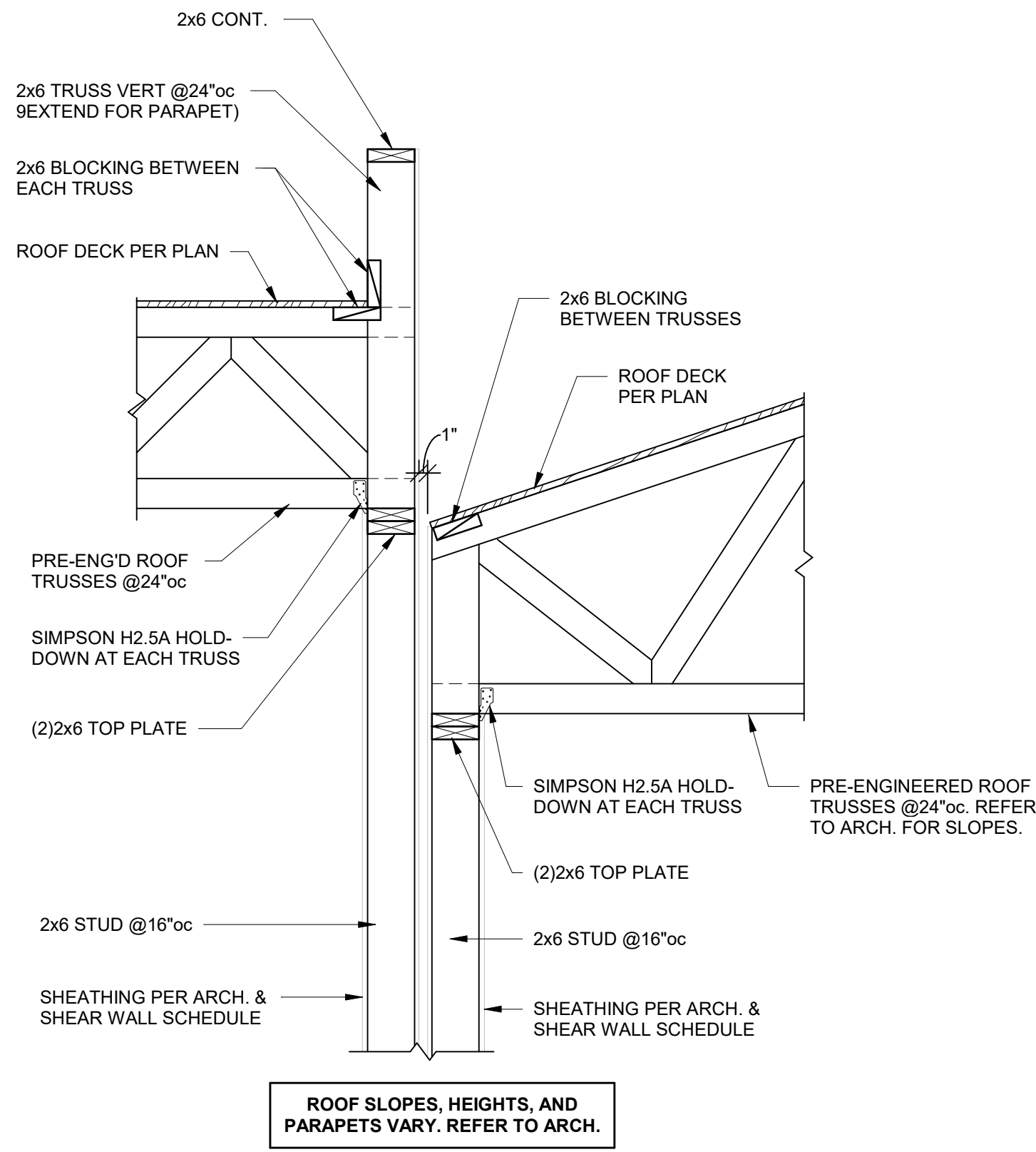
**7 SECTION**  
3/4" = 1'-0"



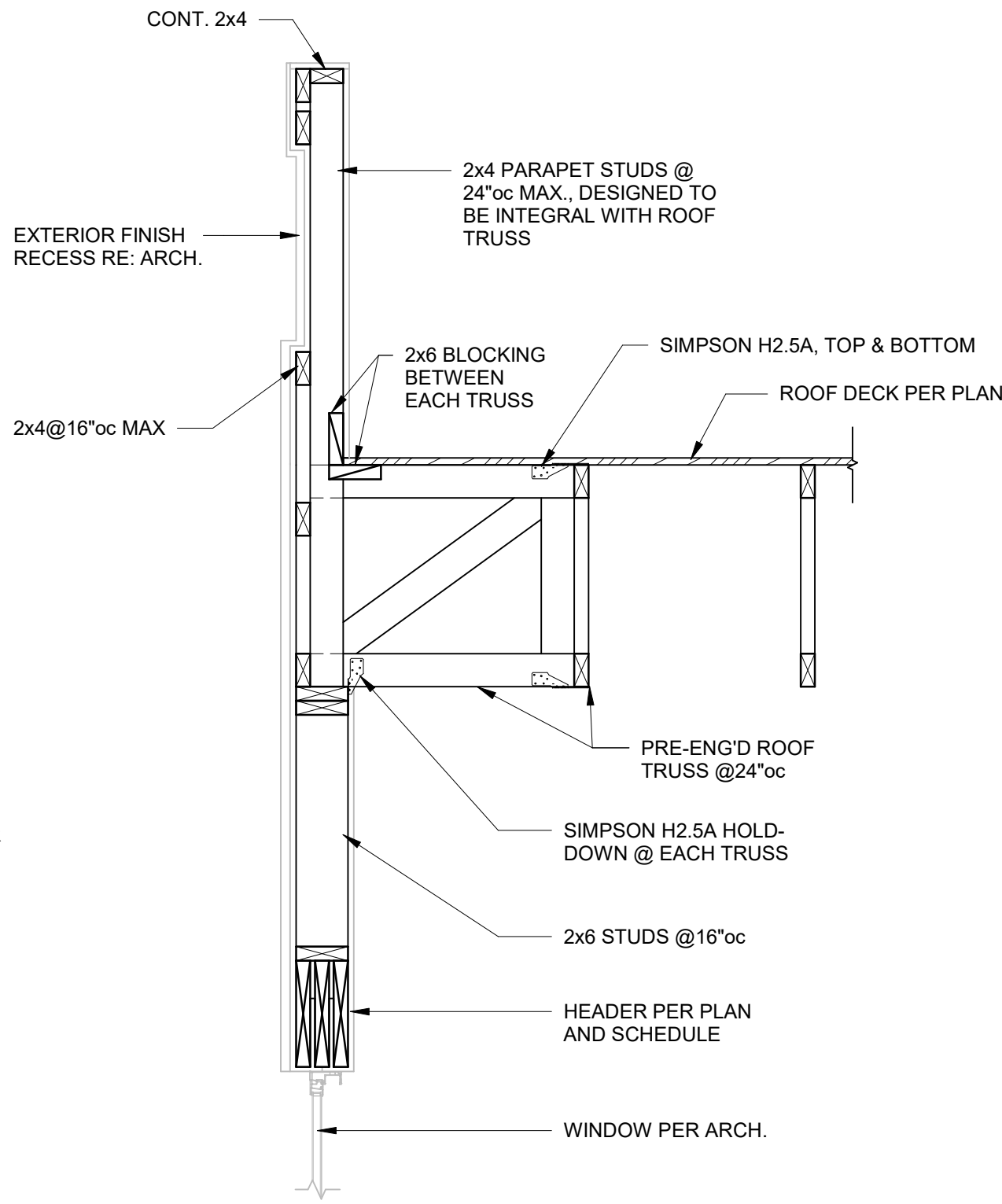
TYPICAL STEP IN PL HEIGHT AT  
ALIGNED EXTERIOR WALLS

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

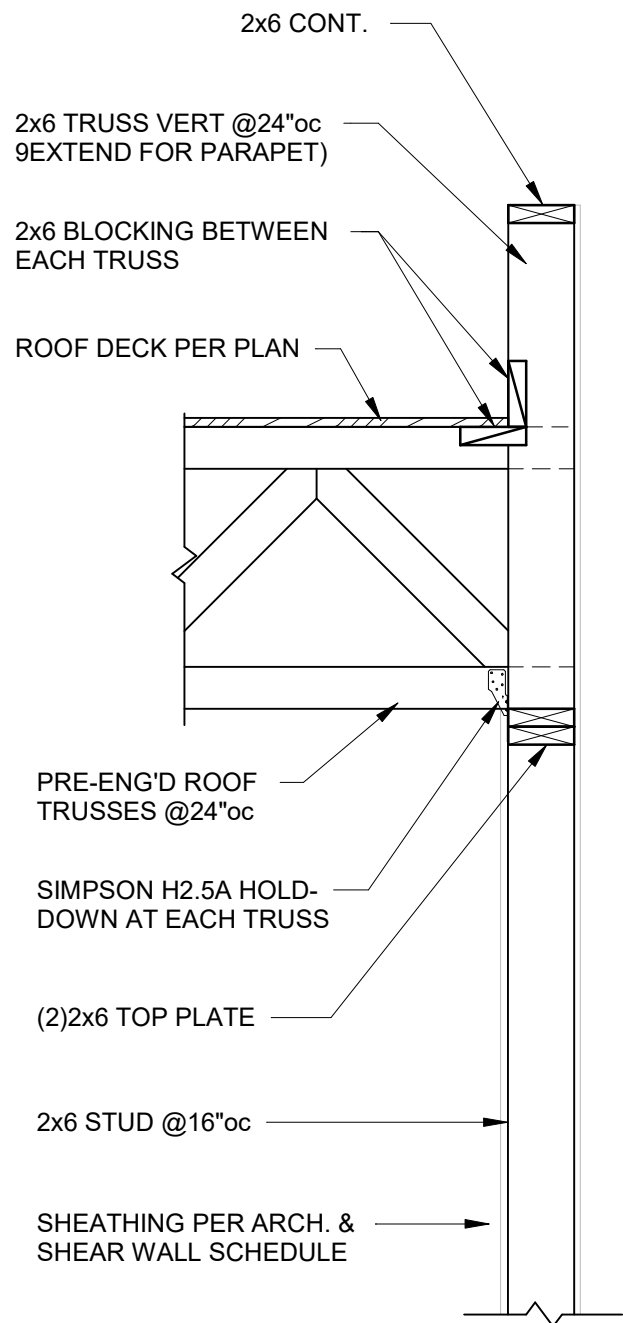




**1 SECTION**  
3/4" = 1'-0"



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



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



REVISION:

DATE: 8/12/2025

JOB: 25-3090

SHEET NO.:

LENEXA CITY CENTER \_ NORTH VILLAGE TOWNHOMES

LENEXA, KANSAS

NEW TOWNHOMES COMPLEX

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