

EXTERIOR MATERIALS:

-ROOFING:
CORRUGATED METAL ROOF, COLOR CHARCOAL OR SIMILAR

-DRIP STOP:
A.B.C. ALUMINUM DRIP STOP, COLOR WHITE

-FASCIA:
6" ALUMINUM COLOR SPECIFIED WHITE OR SIMILAR

-GUTTER
GUTTER TYPE VERIFIED W/ OWNER

-SOFFIT:
WHITE ALUMINUM, VENTED EAVES, NON-VENTED GABLES & PORCH CEILING

-CORNERS:
6" COLOR SPECIFIED WHITE OR SIMILAR IN COLOR.

-CORRUGATED METAL SIDING:
CORRUGATED METAL SIDING WHITE OR SIMILAR IN COLOR

-SURROUNDINGS:
ALUMINUM SURROUNDS WHITE OR SIMILAR IN COLOR

-PORCH POST:
AZEK COMPOSITE WOOD COLOR OR SIMILAR

-WINDOWS & PATIO DOORS:
ANDERSEN BRAND, 400 SERIES, WHITE EXTERIOR, WHITE INTERIOR, GRILLS PER PRINT, HARDWARE SELECTED BY OWNER

-GARAGE DOOR:
10' x 8' OHD W/ OPENERS, STANDARD PANELS, INSULATED, STANDARD COLOR GRAY OR SIMILAR

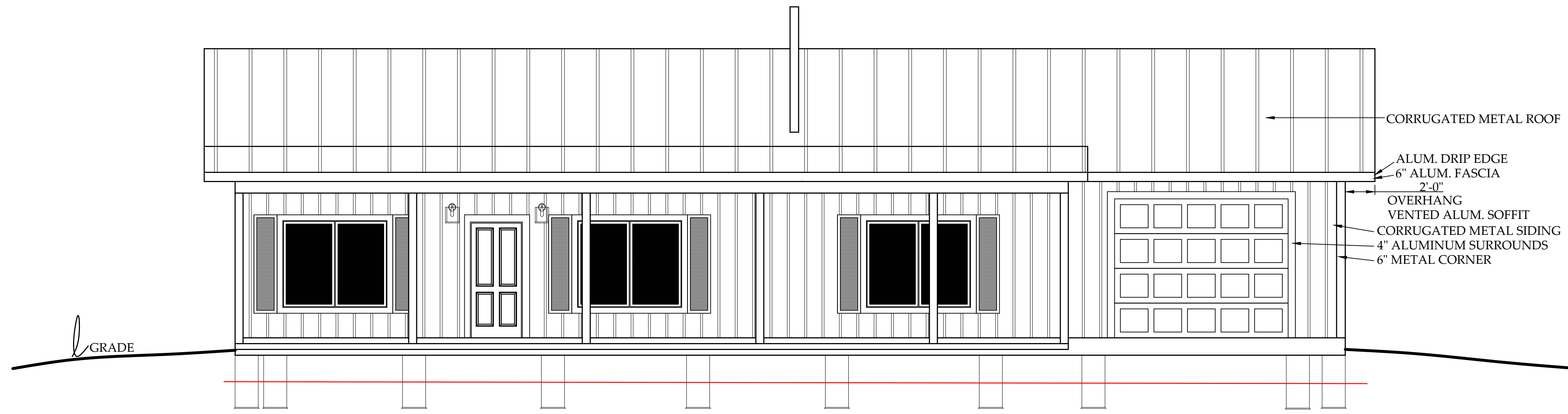
-FRONT ENTRY DOOR:
ANDERSON BRAND, SMOOTH STAR, 56021XJ STYLE, BORED FOR DEADBOLT, PREFINISHED

-GARAGE ENTRY DOOR:
ANDERSON BRAND, PROFILES STEEL, 980HDXC STYLE, BORED FOR DEADBOLT, PREFINISHED

-GARAGE TO HOUSE DOOR:
ANDERSON, PROFILES STEEL, 978HD STYLE, BORED FOR DEADBOLT, PREFINISHED

-ALL EXTERIOR DOOR HARDWARE:
LEVER STYLE, SATIN NICKEL FINISH - INTERIOR DOOR HARDWARE FINISH PER FLOOR PLANS

****ALL MATERIALS TO BE AS SPECIFIED OR EQUIVALENT****

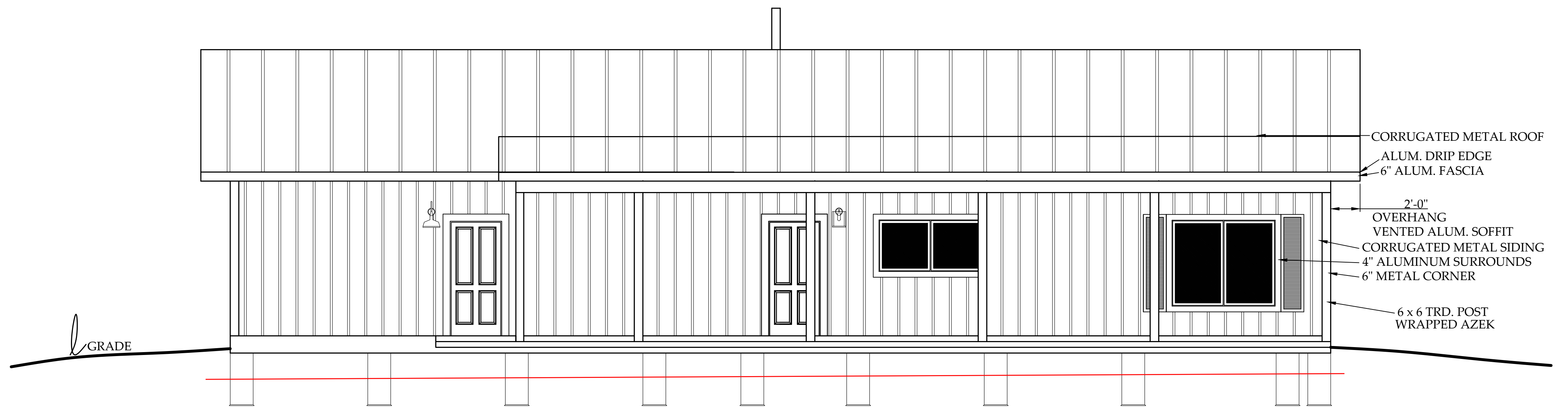


NORTH ELEVATION

SCALE: 1/4" = 1'-0"



See structural drawings. This is no longer post and beam



SOUTH ELEVATION

SCALE: 1/4" = 1'-0"

EXTERIOR MATERIALS:

-ROOFING:
CORRUGATED METAL ROOF, COLOR CHARCOAL OR SIMILAR

-DRIP STOP:
A.B.C. ALUMINUM DRIP STOP, COLOR WHITE

-FASCIA:
6" ALUMINUM COLOR SPECIFIED WHITE OR SIMILAR

-GUTTER
GUTTER TYPE VERIFIED W/ OWNER

-SOFFIT:
WHITE ALUMINUM, VENTED EAVES, NON-VENTED GABLES & PORCH CEILING

-CORNERS:
6" COLOR SPECIFIED WHITE OR SIMILAR IN COLOR.

-CORRUGATED METAL SIDING:
CORRUGATED METAL SIDING WHITE OR SIMILAR IN COLOR

-SURROUNDINGS:
ALUMINUM SURROUNDS WHITE OR SIMILAR IN COLOR

-PORCH POST:
AZEK COMPOSITE WOOD COLOR OR SIMILAR

-WINDOWS & PATIO DOORS:
ANDERSEN BRAND, 400 SERIES, WHITE EXTERIOR, WHITE INTERIOR, GRILLS PER PRINT, HARDWARE SELECTED BY OWNER

-GARAGE DOOR:
10' x 8' OHD W/ OPENERS, STANDARD PANELS, INSULATED, STANDARD COLOR GRAY OR SIMILAR

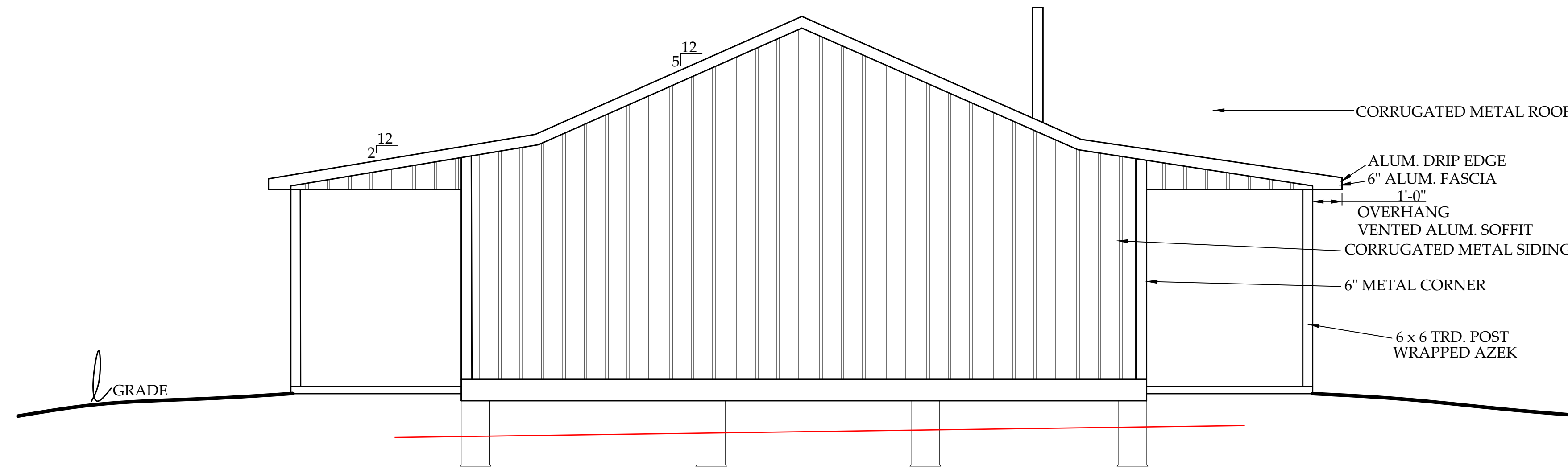
-FRONT ENTRY DOOR:
ANDERSON BRAND, SMOOTH STAR, S6021XJ STYLE, BORED FOR DEADBOLT, PREFINISHED

-GARAGE ENTRY DOOR:
ANDERSON BRAND, PROFILES STEEL, 980HDXC STYLE, BORED FOR DEADBOLT, PREFINISHED

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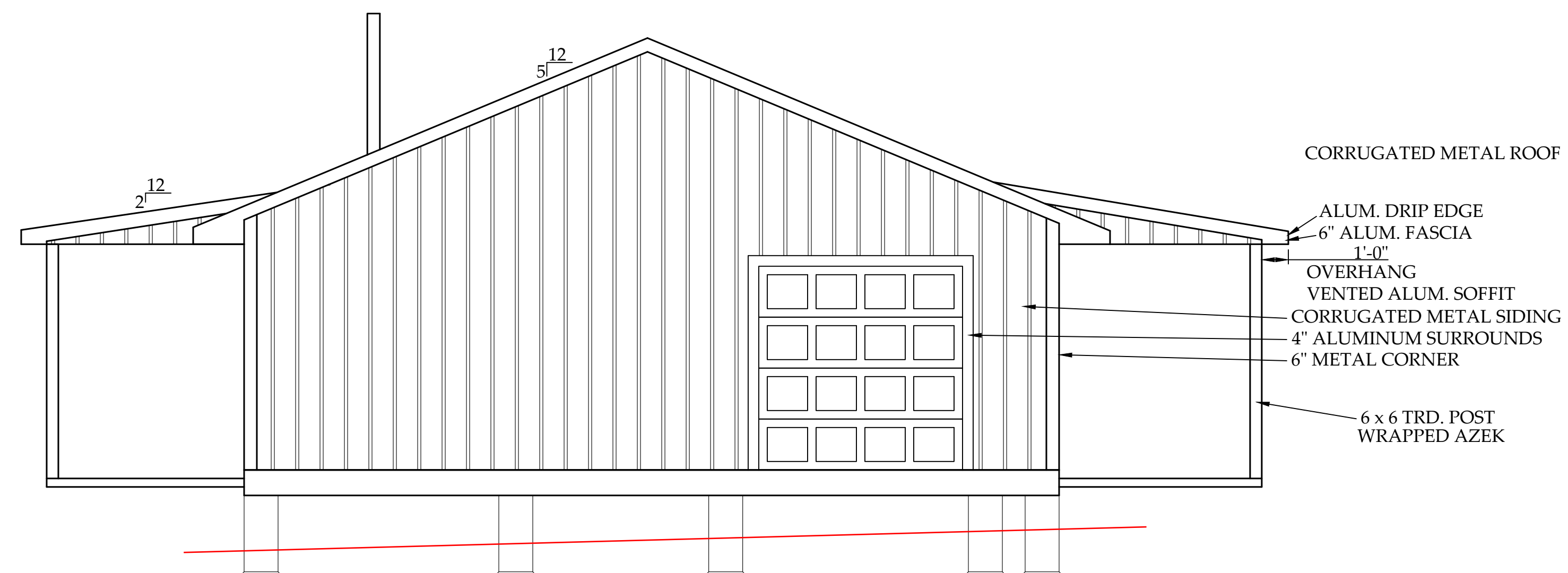
-ALL EXTERIOR DOOR HARDWARE:
LEVER STYLE, SATIN NICKEL FINISH - INTERIOR DOOR HARDWARE FINISH PER FLOOR PLANS

****ALL MATERIALS TO BE AS SPECIFIED OR EQUIVALENT****



WEST ELEVATION

SCALE: 1/4" = 1'-0"



EAST ELEVATION

SCALE: 1/4" = 1'-0"

NOTES:

- ALL WINDOWS @ 7'-0" FROM FINISH FLOOR, UNLESS OTHERWISE NOTED
- 2 x 6 EXTERIOR WALLS INSIDE 6X6 POST, UNLESS OTHERWISE NOTED
- 2 x 4 INTERIOR WALLS, UNLESS OTHERWISE NOTED
- WATER HEATER TO SIZED BY CONTRACTOR, VERIFY WITH GENERAL CONTRACTOR
- 200 AMP ELECTRIC SERVICE

INTERIOR MATERIALS:

-INTERIOR FINISH:

ALL FINISHED DRYWALL WALLS & CEILINGS TO BE SMOOTH, GARAGE TO BE DRYWALLED TO CODE MIN. COLOR WHITE OR GRAY, CONFIRM WITH OWNER

-TRIM:

BASE: 1 x 6 MDF, WALNUT
CASING: 1 x 4 MDF, WALNUT

-INTERIOR DOORS:

SPECIFIED BY OWNER

-INTERIOR DOOR HARDWARE:

LEVER STYLE, NICKEL FINISH, CONFIRM W/ OWNER

**EXTERIOR DOOR HARDWARE PER EXTERIOR FINISH SCHEDULE

-CLOSET SHELVING:

ALL CLOSETS LABELED 'ROD & SHELF' OR 'R & S' TO HAVE SINGLE 12" DEEP WHITE MELAMINE SHELF AND SINGLE HANGING ROD @ 60" FROM FINISH FLOOR

ALL CLOSETS LABELED 'LIN' OR 'SHELF OR SHV.' TO HAVE 12" DEEP WHITE MELAMINE SHELVES @ 2', 4', & 6' FROM FINISH FLOOR

-CABINETS:

WHITE UPPER, WOOD FINISH LOWER WALNUT FINISH OR SIMILAR

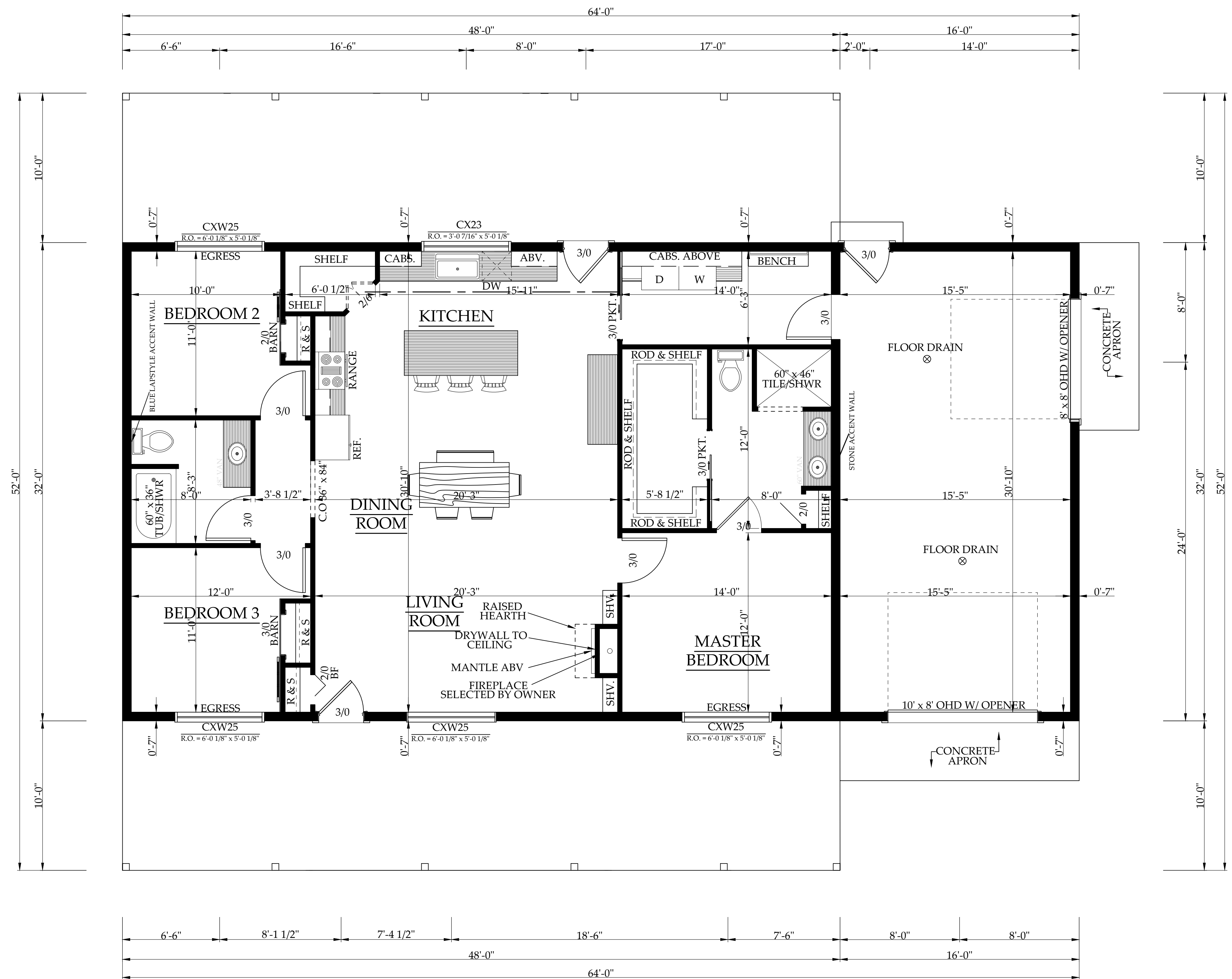
-COUNTERTOPS:

KITCHEN: WHITE, BACKSLASH, STANDARD EDGE, COLOR SELECTED BY OWNER, SINK, CONFIRM WITH OWNER

BATHROOMS: CULTURED QUARTZ W/ INTEGRATED SINK BOWLS & BACKSLASH CONFIRM WITH OWNER

-APPLIANCES:

KITCHEN: STANDARD APPLIANCE PACKAGE INCLUDING REFRIGERATOR, RANGE, MICROWAVE, & DISHWASHER, STAINLESS COLOR, CONFIRM W/ OWNER



GENERAL NOTES:

- THE CONTRACTOR SHALL VERIFY DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK AND THE DESIGNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. IN NO CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THESE DRAWINGS.
- ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED.
- NO STRUCTURAL MEMBER SHALL BE CUT FOR PIPES, DUCTS, ETC., UNLESS NOTED.
- THE CONTRACTOR SHALL DETERMINE THE LOCATION OF EXISTING UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO BEGINNING OF EXCAVATION.
- ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE 2018 EDITION OF THE "NC STATE RESIDENTIAL BUILDING CODE". ALL REFERENCES TO "RXXX.XX" INDICATE THE APPLICABLE SECTION OF CODE.
- THESE DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, AND SUPPORT NECESSARY TO ACHIEVE THE FINISHED STRUCTURE.

FOUNDATION NOTES:

- MAXIMUM DESIGN SOIL PRESSURE: CODE MINIMUM: 2,000 PSF
CONTINUOUS FOOTINGS: 2,000 PSF
PAD FOOTINGS: 2,000 PSF
- SEE SOILS REPORT BY: N/A
PROJECT NO.: N/A
DATED: N/A
- ALL FOOTINGS TO BE A MINIMUM OF: 12" BELOW NATURAL GRADE
12" BELOW FINISHED GRADE
- SOILS COMPACTION AND SITE PREPARATION TO BE IN ACCORDANCE WITH SOILS REPORT (AS APPLICABLE). IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SOIL BEARING CAPACITY.
- FINISH EXCAVATION FOR FOUNDATION SHALL BE NEAT AND TRUE TO LINE WITH LOOSE MATERIAL REMOVED FROM EXCAVATION.
- THE FOOTING EXCAVATIONS SHALL BE KEPT FREE FROM LOOSE MATERIAL AND STANDING WATER AND, BEFORE ANY FOOTING CONCRETE IS PLACED, SHALL BE CHECKED AND APPROVED BY CONTRACTOR FOR COMPLIANCE WITH THE REQUIREMENTS.
- SIDE OF FOUNDATION MAY BE POURED AGAINST STABLE EARTH (U.O.N.).
- CONTRACTOR SHALL PROTECT ALL UTILITY LINES, ETC., ENCOUNTERED DURING EXCAVATION AND BACKFILLING.
- CONTRACTOR TO BRACE OR PROTECT ALL RETAINING WALLS FROM LATERAL LOADS UNTIL SUPPORTING FLOORS, WALLS AND/OR SLABS ARE COMPLETELY IN PLACE AND HAVE BEEN SHEATHED PER PLAN OR ATTAINED FULL STRENGTH.
- FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS TO THE APPROVAL OF THE GEOTECHNICAL ENGINEER, AS APPLICABLE. FLOODING WILL NOT BE PERMITTED.
- ALL SILL PLATES SHALL BE TREATED SYP W/ 1/2" x A/B x 12" @ 6' O.C. (U.O.N. ON PLANS) W/ 3/16"x2"x2" PLATE WASHERS.
- ALL CONCRETE AND MASONRY FOUNDATION WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE W/ NC RESIDENTIAL BUILDING CODE R404, ACI 318, ACI 332, NCMAT TR608-A, OR ACE 530/ASCE5/TMS 402. FOUNDATION WALLS MAY BE STEPPED AND FRAMED W/ 2x6 @ 16" O.C. KNEE WALLS WHERE GRADE PERMITS.

CONCRETE NOTES:

- CONCRETE IN ALL WORK SHALL HAVE 3000 PSI ULTIMATE COMPRESSIVE STRENGTH AT 28 DAYS.
- CEMENT SHALL CONFORM TO ASTM C-15, TYPE I OR TYPE II.
- AGGREGATES FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C-33. AGGREGATES FOR SHOTCRETE/GUNITE SHALL NOT EXCEED 3/4".
- READY MIX CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C-94-81.
- ADMIXTURE MAY BE USED WITH THE PRIOR APPROVAL OF THE ENGINEER. ADMIXTURE (COMPLYING WITH ASTM A494) USE TO INCREASE THE WORKABILITY OF THE CONCRETE SHALL NOT BE CONSIDERED TO REDUCE THE SPECIFIED MINIMUM CEMENT (CALCIUM CHLORIDE SHALL NOT BE USED).
- WATER SHALL BE CLEAN, FREE FROM DELETERIOUS AMOUNT OF ACIDS, ALKALIS OR ORGANIC MATERIALS.
- SLUMPS: THE MAXIMUM SLUMP SHALL NOT EXCEED 5". DURING TEMPERATURES ABOVE 80°F, MAXIMUM OF 6" SLUMP IS PERMISSIBLE PROVIDED THE MIX DESIGN IS REVISED ACCORDINGLY BY THE TESTING LABORATORY, AS APPLICABLE. MEASURE SLUMP IN ACCORDANCE WITH "METHOD OF TEST FOR SLUMP" OF PORTLAND CEMENT CONCRETE ASTM C143.
- IF APPLICABLE, 3/4" DEEP CONTROL JOINTS ARE TO BE SAWCUT TO SUBDIVIDE ALL FLOOR SLABS ON GRADE INTO APPROXIMATELY SQUARE AREAS OF 400 SQ FT OR LESS. CONTRACTOR IS RESPONSIBLE FOR ADJUSTING OR ADDING CONTROL JOINTS AS NECESSARY.

ENGINEERED WOOD NOTES:

- ENGINEERED LUMBER EXPOSED TO EXTERIOR CONDITIONS MUST BE ADEQUATELY WEATHER-PROOFED (BY OTHERS)
- ENGINEERED WOOD SHALL BE "VERSALAM" LVLs AS INDICATED ON PLANS, MANUFACTURED BY BOISE CASCADE, U.O.N (EQUIVALENT OR BETTER SUBSTITUTE IS ALLOWED) W/ MULTI-PLY MEMBERS BUILT-UP PER MFR REQUIREMENTS.
ALLOWABLE DESIGN STRESSES:
(LVL) Fb = 3,100 PSI
E = 2.0 x 10⁶ PSI
Fv = 285 PSI

DESIGN PARAMETERS:

WIND LOADS: EXPOSURE B
116 MPH

WOOD NOTES:

- ALL WOOD FRAMING SHALL BE AS FOLLOWS (U.O.N.):
A. ROOF RAFTERS & CEILING JOISTS:
NO.1/NO.2 SPRUCE PINE FIR (SPF)
B. FLOOR JOISTS:
NO.2 SOUTHERN YELLOW PINE (SYP)
- WOOD GRADES (U.O.N.)
A. FOR HORIZONTAL MEMBERS:
JOISTS & RAFTERS GRADE: NO. 2
BEAMS & STRINGERS GRADE: NO. 2 (U.O.N.)
FURLING GRADE: NO. 1
SUB-FURLING:
2x4 GRADE: NO. 1
2x6 GRADE: NO. 2
LEDGERS & NAILERS GRADE: NO. 2
HEADERS GRADE: NO. 2 (U.O.N.)
B. FOR VERTICAL MEMBERS TOP & BOTTOM PLATES: MATCH VERTICAL MEMBERS.
GRADE NO. 2 MIN (U.O.N.)
4x POST GRADE: NO. 2
6x POST GRADE: NO. 2
STUDS: GRADE: STUD OR BETTER, 3'-0" MAX (U.O.N.)
- FRAMING IN CONTACT WITH CONCRETE OR MASONRY, OR MEMBERS EXPOSED TO WEATHER SHALL BE NO. 2 SOUTHERN YELLOW PINE (SYP) TREATED IN ACCORDANCE WITH AWPA C22 WITH THE FOLLOWING DESIGN PROPERTIES:
Fb = 1,050 PSI Fv = 55 PSI E = 1.6x10⁶ PSI
SILL AND LEDGER BOLTS SHALL BE PLACED 12" MAX FROM RE ENDS AND NOTCHES AND SPACED AT 6' O.C. MAX, U.O.N. (2 BOLTS MIN/PIECE OF IE).
- ALL PLYWOOD AND OSB SHALL BE CERTIFIED AS CONFORMING TO U.S. PRODUCTS STANDARD FP-2-92 BY A CERTIFICATION AGENCY APPROVED BY THE NATIONAL EVALUATION SERVICES INC. OR I.C.C.
- ALL BOLT HEADS AND NUTS BEARING ON WOOD SHALL HAVE WASHERS. ALL BOLT HOLES IN WOOD SHALL BE DRILLED 1/16" MAXIMUM DIAMETER LARGER THAN THE NOMINAL BOLT DIAMETER.
- PROVIDE JOIST(S) UNDER ALL PARALLEL NON-BEARING PARTITIONS AND SOLID BLOCKING UNDER ALL PERPENDICULAR NON-BEARING PARTITIONS.
- ALL FRAMING ANCHORS, POST CAPS, COL. BASES, ETC. NOTED ARE MANUFACTURED BY 'SIMPSON' OR APPROVED EQUAL. OTHER HARDWARE COMPANIES (E.I., ACS, USF) MAY BE SUBSTITUTED PROVIDED ALL PRODUCTS HAVE A CURRENT ICC-ES REPORT AND EQUIVALENT LOAD CAPACITIES. USE COMMON NAILS AS SPECIFIED BY MANUFACTURER.
- PLYWOOD FLOOR SHEATHING SHALL BE GLUED TO FLOOR JOISTS WITH ONE CONTINUOUS BEAD OF AN ADHESIVE COMPOUND CONFORMING TO ASTM D 3024 AND IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS.
- CUTTING, NOTCHING OR DRILLING OF BEAMS OR JOISTS SHALL BE PERMITTED ONLY AS DETAILED OR APPROVED BY THE ENGINEER AND/OR PER R502.8 & R502.7.1
- BOLTS IN WOOD SHALL NOT BE LESS THAN 1 DIAMETERS FROM THE END AND 4 DIAMETERS FROM THE EDGE OF THE MEMBER (U.O.N.).
- MOISTURE CONTENT OF WOOD AT TIME OF PLACING SHALL NOT EXCEED 19%.
- ALL NAILS SHALL BE COMMON NAILS (U.O.N.).
- PROVIDE SOLID BLOCKING TO GIRDERS AND/OR FOUNDATION BENEATH POINT LOADS AS DENOTED BY: []
- LOAD BEARING HEADERS SHALL CONFORM W/ TABLES R602.1(1)(2) & (3) W/ (1) JACK STUD EACH END (U.O.N). SECURE HEADERS TO EACH JACK STUD W/ (4) 8d NAILS. BEAM/HEADER SUPPORTS REQUIRING MORE THAN (1) JACK ARE DENOTED BY: [X]-2 (WHERE 2 JACKS ARE REQ'D FOR EXAMPLE). KING STUDS AT EACH END OF THE OPENING SHALL BE 1/2 THE NUMBER OF STUDS INTERRUPTED BY THE OPENING, TYP (U.O.N.).
- OVERFRAME ROOF W/ FLAT 2X10 PLATES W/ (2) 16d COMMON TO RAFTERS/TRUSSES AT FALSE VALLEYS.
- ALL DECK FRAMING, BRACING, GUARDRAILS, AND ATTACHMENTS TO THE MAIN HOUSE STRUCTURE IS TO BE PER "APPENDIX M" OF THE NC RESIDENTIAL BUILDING CODE.
- ALL MULTI-PLY JOISTS ARE TO BE SUPPORTED BY HANGERS AT FLUSH CONNECTIONS.
- ALL MULTI-PLY JOISTS ARE TO BE BUILT-UP WITH (3) 10d COMMON NAILS AT EACH END & AT 12" O.C. STAGGERED TOP & BOTTOM ALONG THE LENGTH OF THE JOISTS.

PREFABRICATED WOOD TRUSSES NOTES:

- PREFABRICATED WOOD TRUSSES (BY OTHERS) SHALL BE GANG NAILED TRUSSES.
- ALL TRUSSES SUPPORTING MECHANICAL EQUIPMENT SHALL BE PROPERLY DESIGNED BY TRUSS MANUFACTURER.
- WOOD TRUSSES SHALL BE DESIGNED FOR THE FOLLOWING LOADS:
ROOF: D.L. = 20 PSF *L.L. = 20 PSF
FLOORS: D.L. = 15 PSF *L.L. = 40 PSF
*LIVE LOADS REDUCIBLE PER CODE (U.O.N.). CONSIDERATION SHOULD BE TAKEN FOR ADDITIONAL LOADS DUE TO MECHANICAL UNITS, PARTITIONS, TILE/STONE FINISHES, ETC.
- TIE ROOF TRUSSES TO EXTERIOR TOP PLATES, PERIMETER BEAMS, AND ALL INTERIOR BEARING POINTS WHERE UPLIFT IS INDICATED ON TRUSS PROFILE DRAWINGS (BY OTHERS) USING PROPER SIMPSON TIE-DOWN (U.O.N.).

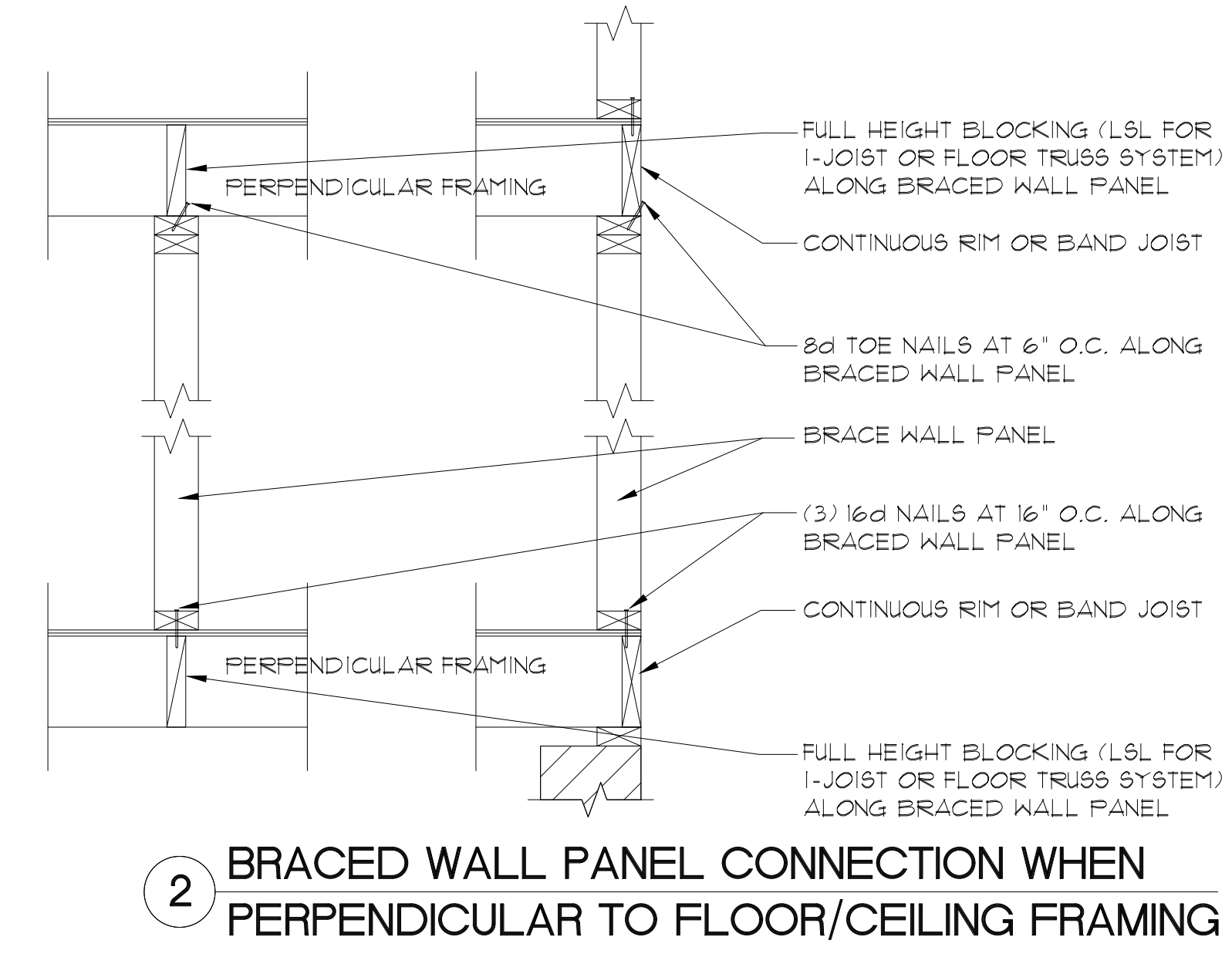
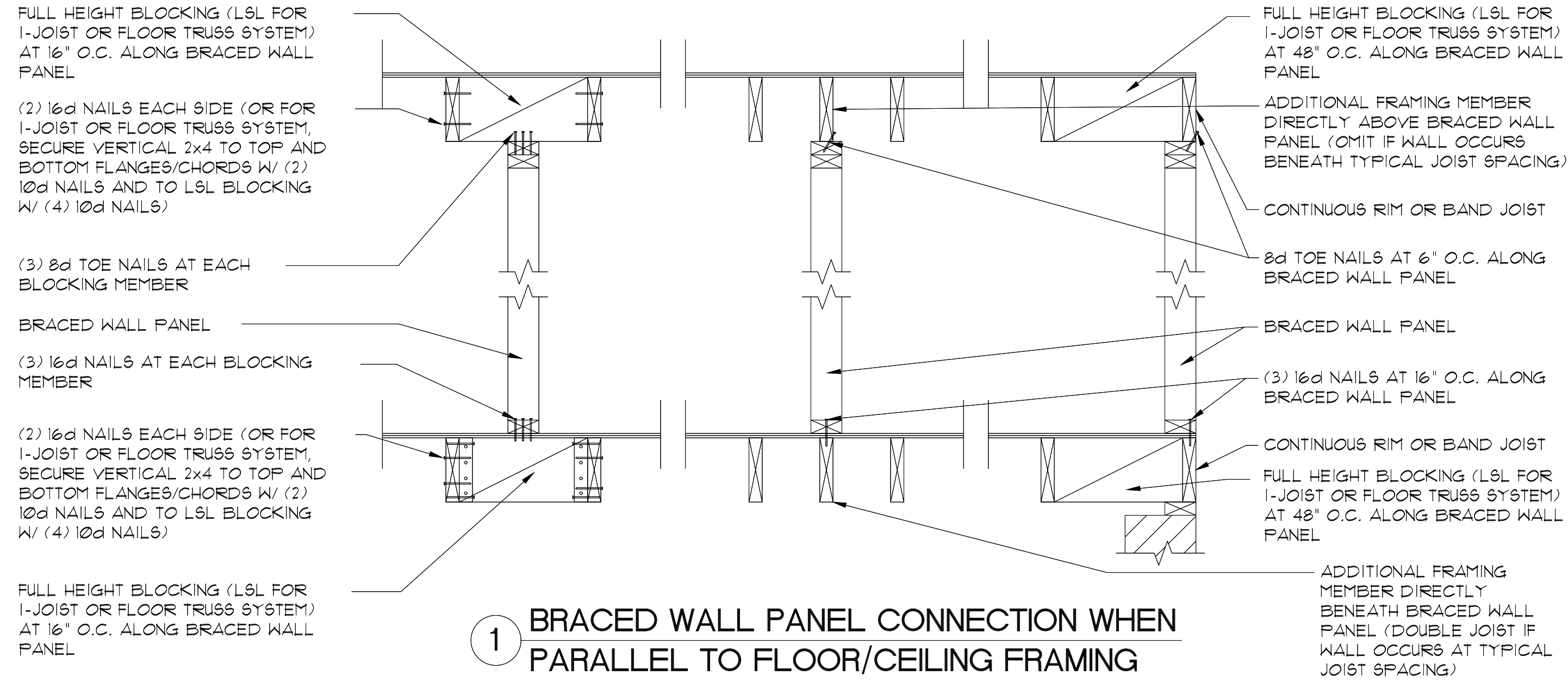
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NORTH CAROLINA PROFESSIONAL SEAL 052983
ENGINEER
ANDREW DAVIS
DORMON/DORR
06-09-2023

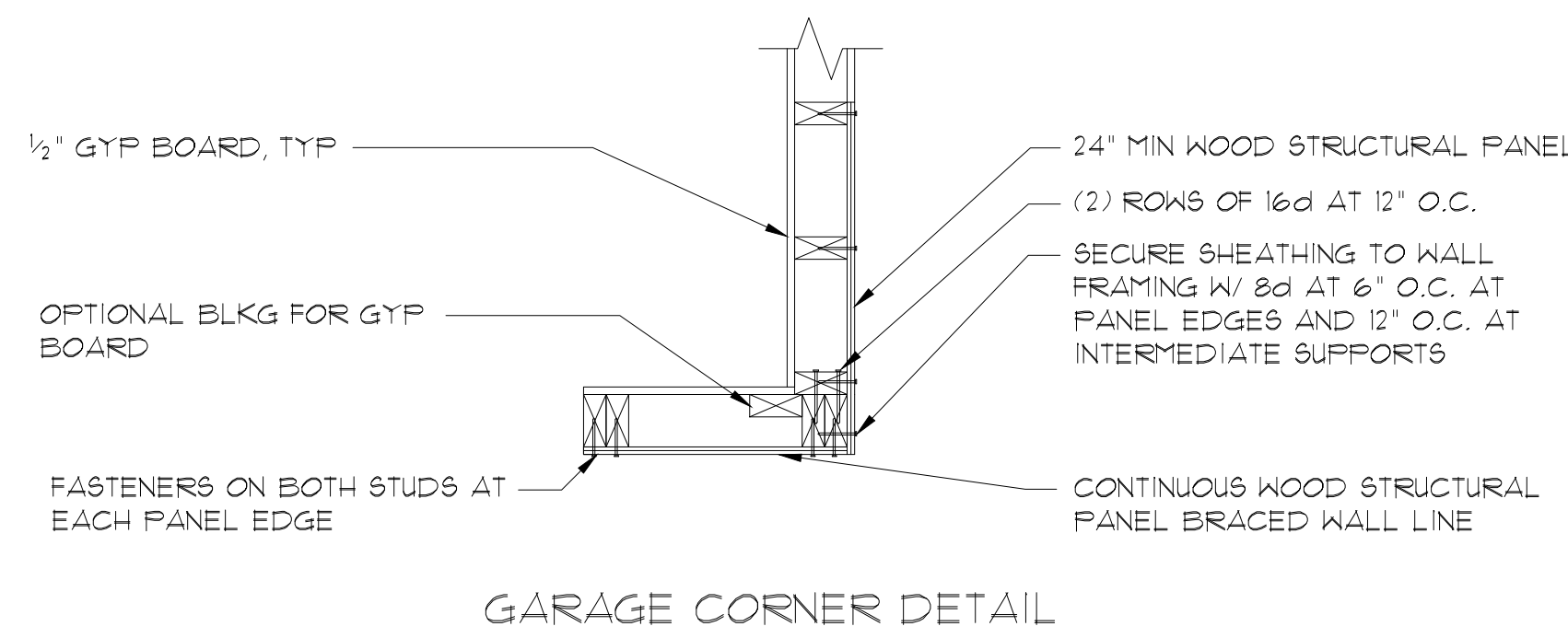
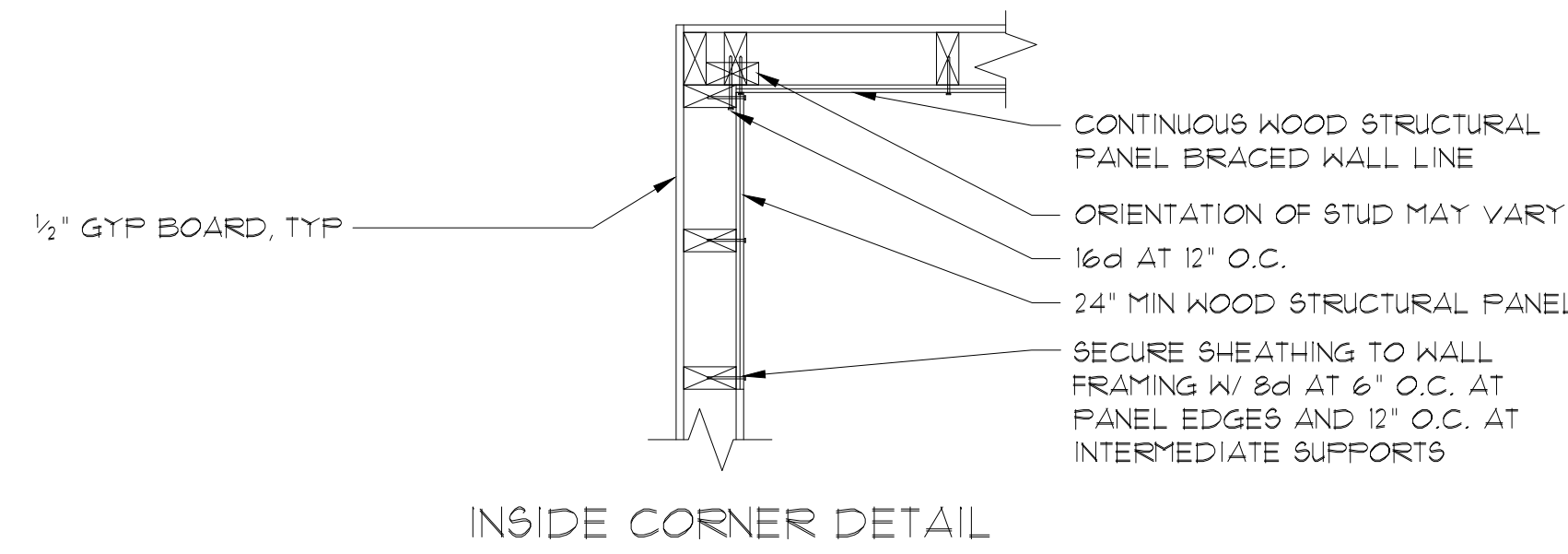
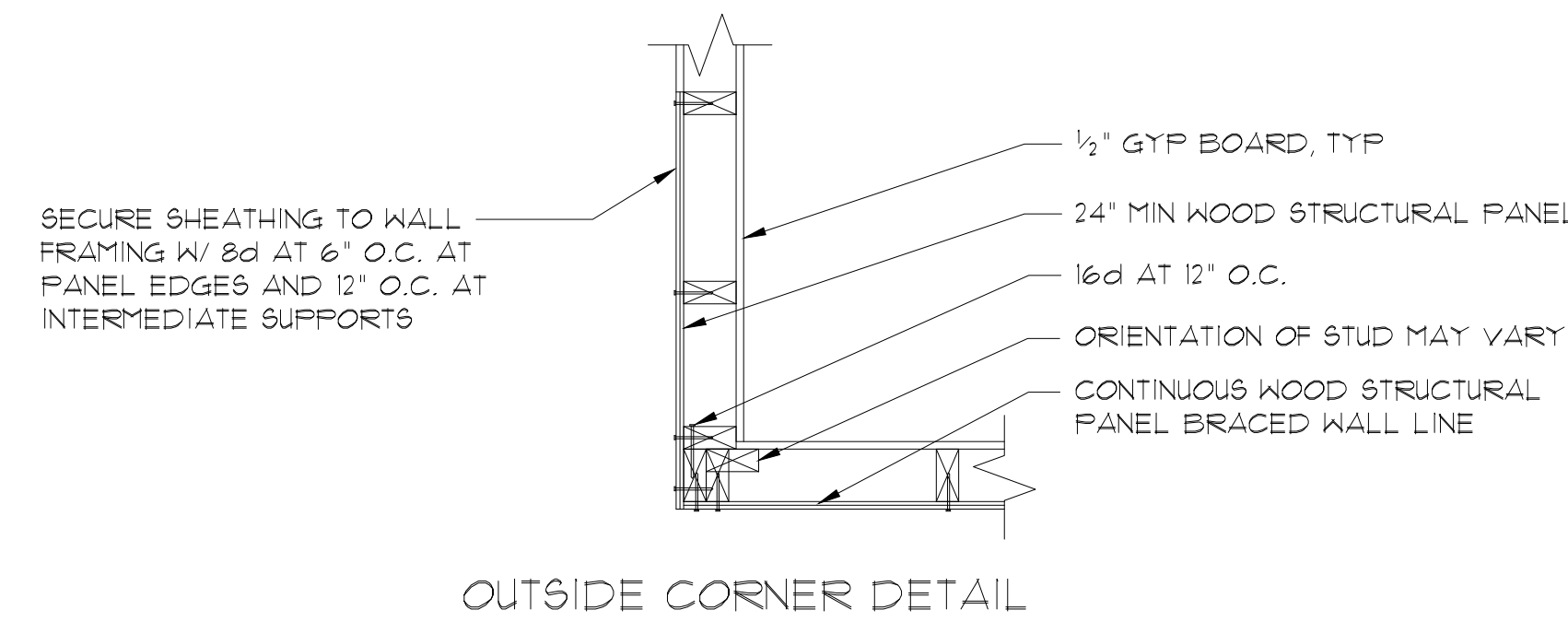
Andrew Davis
New Residence
2051 Thomas Kelly Rd.
Sanford, NC 27330

DATE	6-9-23
SCALE	AS SHOWN
DRAWN	G.M.
JOB	23-1676
SHEET	SP1



BRACED WALL PANEL SCHEDULE			
ABBREVIATION	METHOD	MATERIAL	FASTENERS / SPACING
LIB	LET-IN BRACING	1x4 WOOD OR SIMPSON CS16 STRAP	WOOD: (2) 8d PER STUD INCLUDING TOP AND BOTTOM PLATES, STRAP: (1) STRAP EACH DIRECTION, (2) 10d NAILS PER STUD INCLUDING TOP AND BOTTOM PLATE, (20) NAILS MIN PER STRAP
WSP	WOOD STRUCTURAL PANEL	7/16" OSB/ PLYWOOD (U.O.N.)	8d OR 8d COMMON AT 6" O.C. AT PANEL EDGES AND 12" O.C. TO INTERMEDIATE SUPPORTS OR 16 GA. x 1 1/2" STAPLES AT 3" O.C. AT PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS
GB (1)	GYPSON BOARD (SHEATHING ON ONE FACE OF WALL)	1/2" GYPSON	1 1/2" GALV. ROOFING NAILS, 6d COMMON NAILS OR 1 1/4" TYPE W DRYWALL SCREWS AT 1" O.C. AT PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AND INTERMEDIATE SUPPORTS (SEE DETAIL 4/-)
GB (2)	GYPSON BOARD (SHEATHING ON BOTH FACES OF WALL)	1/2" GYPSON	1 1/2" GALV. ROOFING NAILS, 6d COMMON NAILS OR 1 1/4" TYPE W DRYWALL SCREWS AT 1" O.C. AT PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AND INTERMEDIATE SUPPORTS (SEE DETAIL 4/-)
GB (3)	GYPSON BOARD (SHEATHING ON BOTH FACES OF WALL)	1/2" GYPSON	1 1/2" GALV. ROOFING NAILS, 6d COMMON NAILS OR 1 1/4" TYPE W DRYWALL SCREWS AT 4" O.C. AT PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AND INTERMEDIATE SUPPORTS (SEE DETAIL 4/-)
FF	PORTAL FRAME	7/16" OSB/ PLYWOOD (U.O.N.)	SEE METHOD FF ON PAGE SP2.2
CS-WSP	CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL	7/16" OSB/ PLYWOOD (U.O.N.)	8d OR 8d COMMON AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS OR 16 GA. x 1 1/2" STAPLES AT 3" O.C. AT PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS
CS-WSP (1)	CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL	7/16" OSB/ PLYWOOD (U.O.N.)	8d OR 8d COMMON AT 4" O.C. AT PANEL EDGES AND 8" O.C. AT INTERMEDIATE SUPPORTS
CS-WSP (2)	CONTINUOUSLY SHEATHED WOOD STRUCTURAL PANEL	7/16" OSB/ PLYWOOD (U.O.N.)	8d OR 8d COMMON AT 3" O.C. AT PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS

NOTES:
 1) ALL BRACED WALL PANELS SHALL HAVE 2x BLOCKING BETWEEN WALL STUDS AT ALL HORIZONTAL SHEET EDGES.
 2) PROVIDE NAILING/BLOCKING ABOVE AND BELOW ALL BRACED WALL PANELS PER DETAILS 1/SP2.0 AND 2/SP2.0
 3) ALL EXTERIOR WALLS ARE TO BE SHEATHED W/ 7/16" OSB OR 15/32" PLYWOOD W/ FASTENERS PER TABLE R602.3(1). INSTALL WALL CORNER SHEATHING PER DETAIL 3/SP2.0.
 4) INSTALL BRACED WALL PANELS PER THE 2018 EDITION OF THE NC RESIDENTIAL BUILDING CODE. PANEL LENGTHS SHOWN ON PLANS ARE MIN REQUIRED LENGTHS.
 5) ALL METHODS SHALL HAVE GYPSON BOARD (OR EQUIVALENT) INSTALLED AT THE INTERIOR FACE.



3 TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING

4 METHOD "GB" INTERSECTION DETAILS

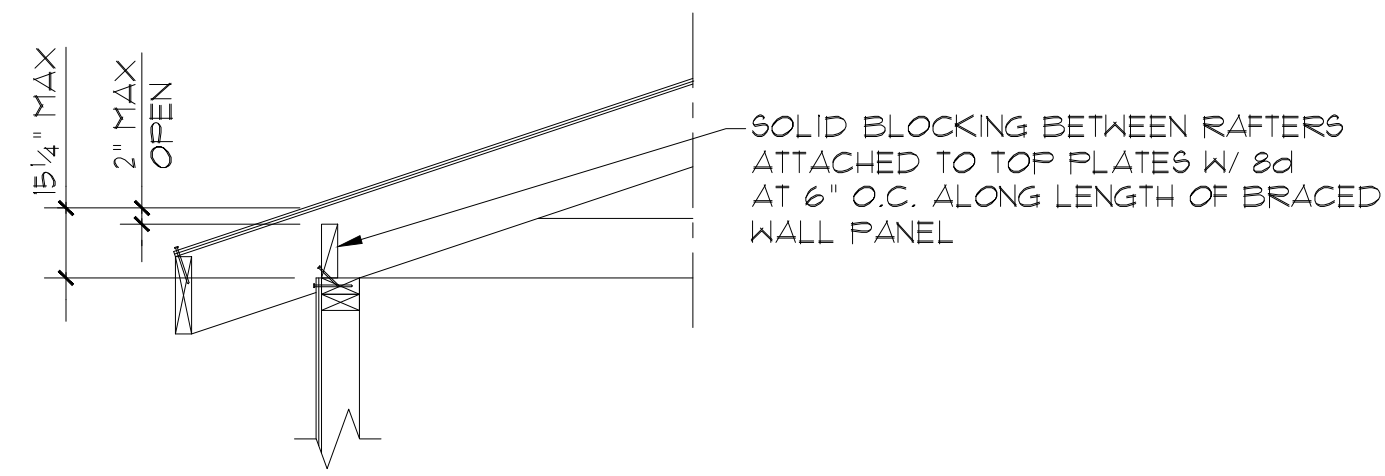
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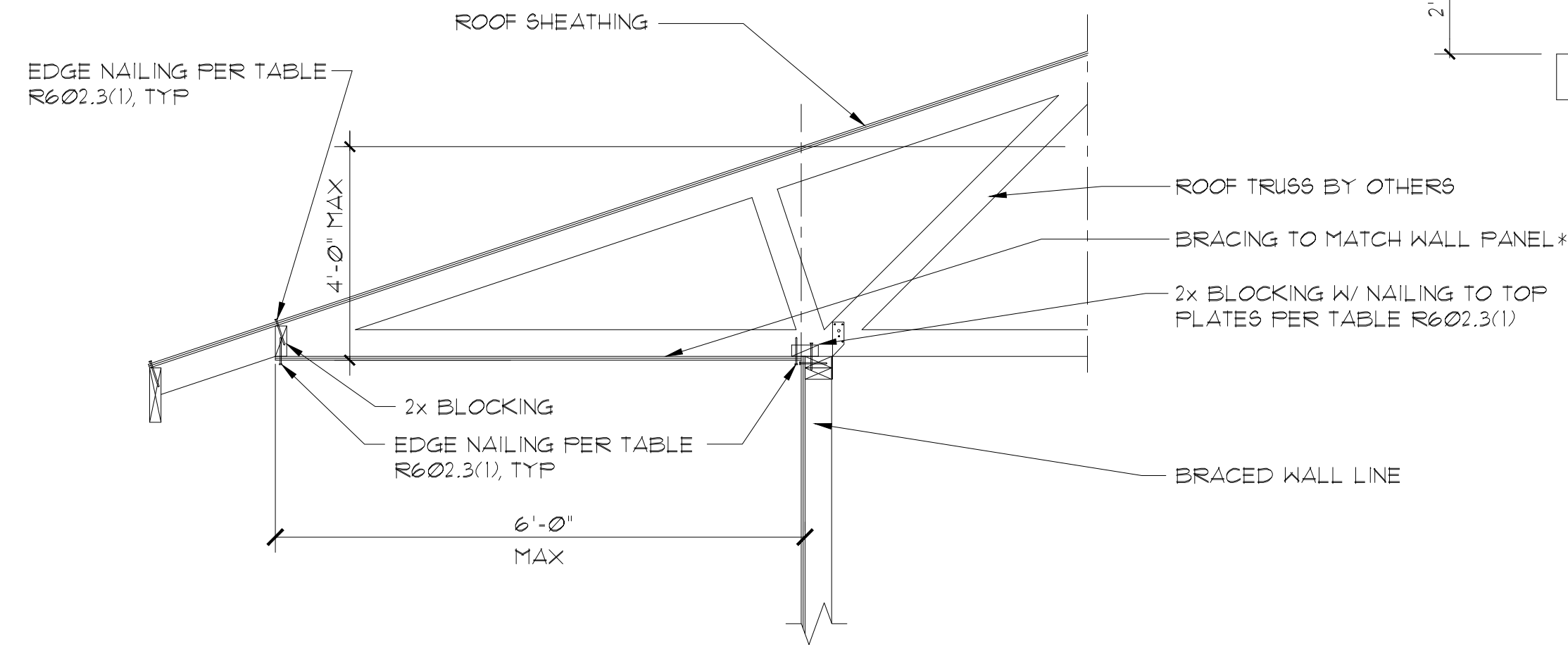
ANDREW DAVIS
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 06-09-2023

Andrew Davis
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 2051 Thomas Kelly Rd.
 Sanford, NC 27330

DATE 6-9-23
 SCALE AS SHOWN
 DRAWN G.M.
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 SHEET
SP2.0

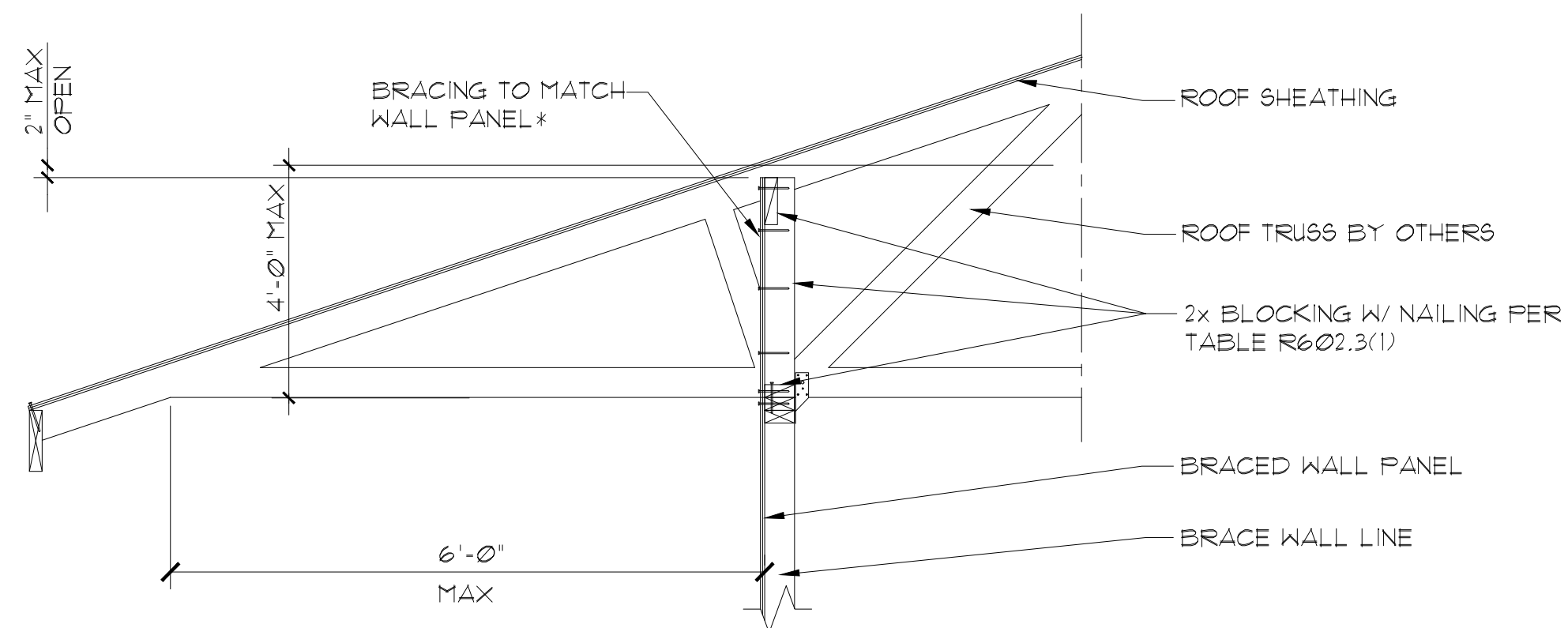


1 BRACED WALL PANEL CONNECTION TO PERPENDICULAR RAFTERS



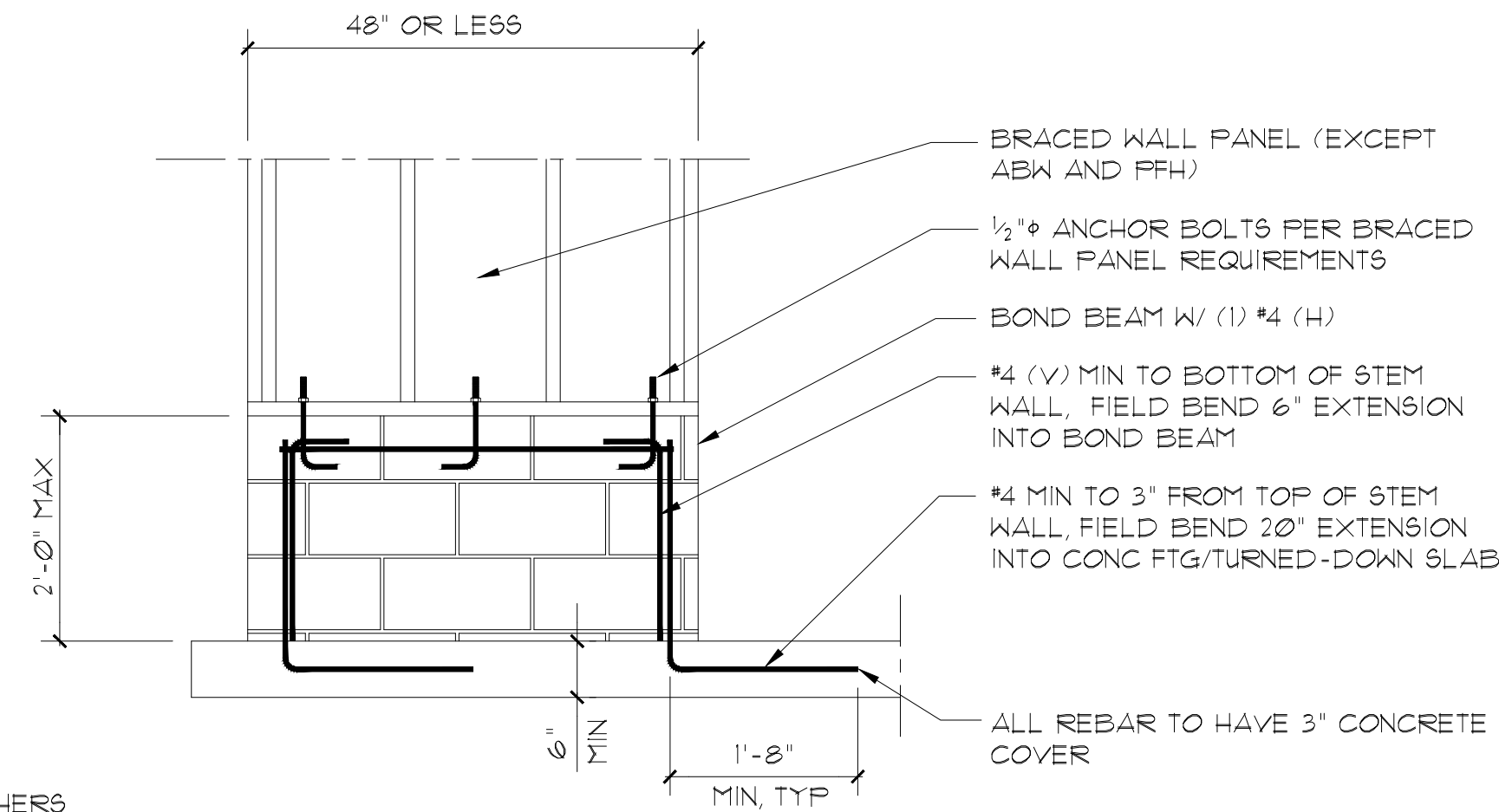
2 BRACED WALL PANEL CONNECTION OPTION TO PERPENDICULAR RAFTERS OR ROOF TRUSSES

*PROVIDE VENTING PER R306 (NOT SHOWN)

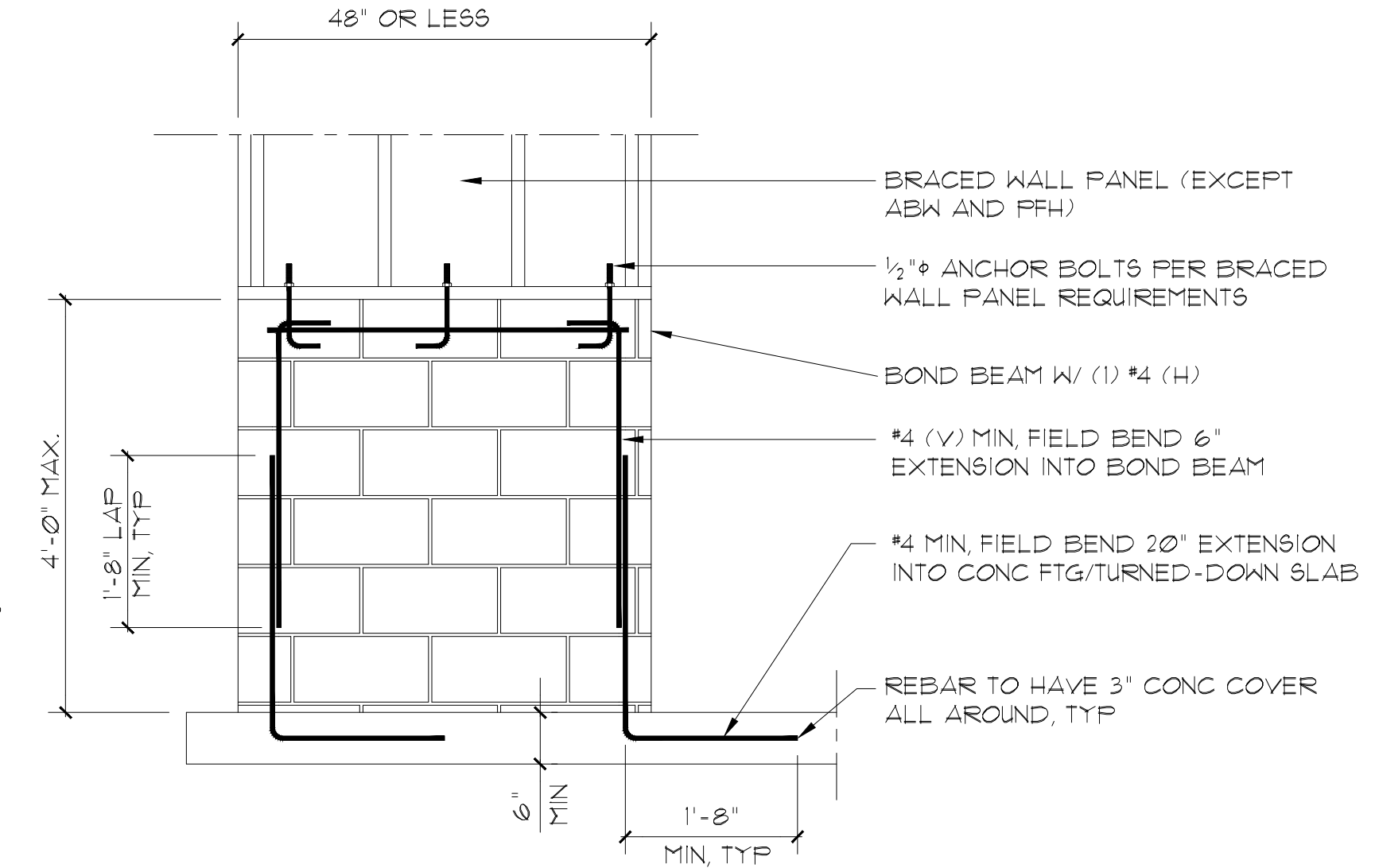


3 BRACED WALL PANEL CONNECTION OPTION TO PERPENDICULAR RAFTERS OR ROOF TRUSSES

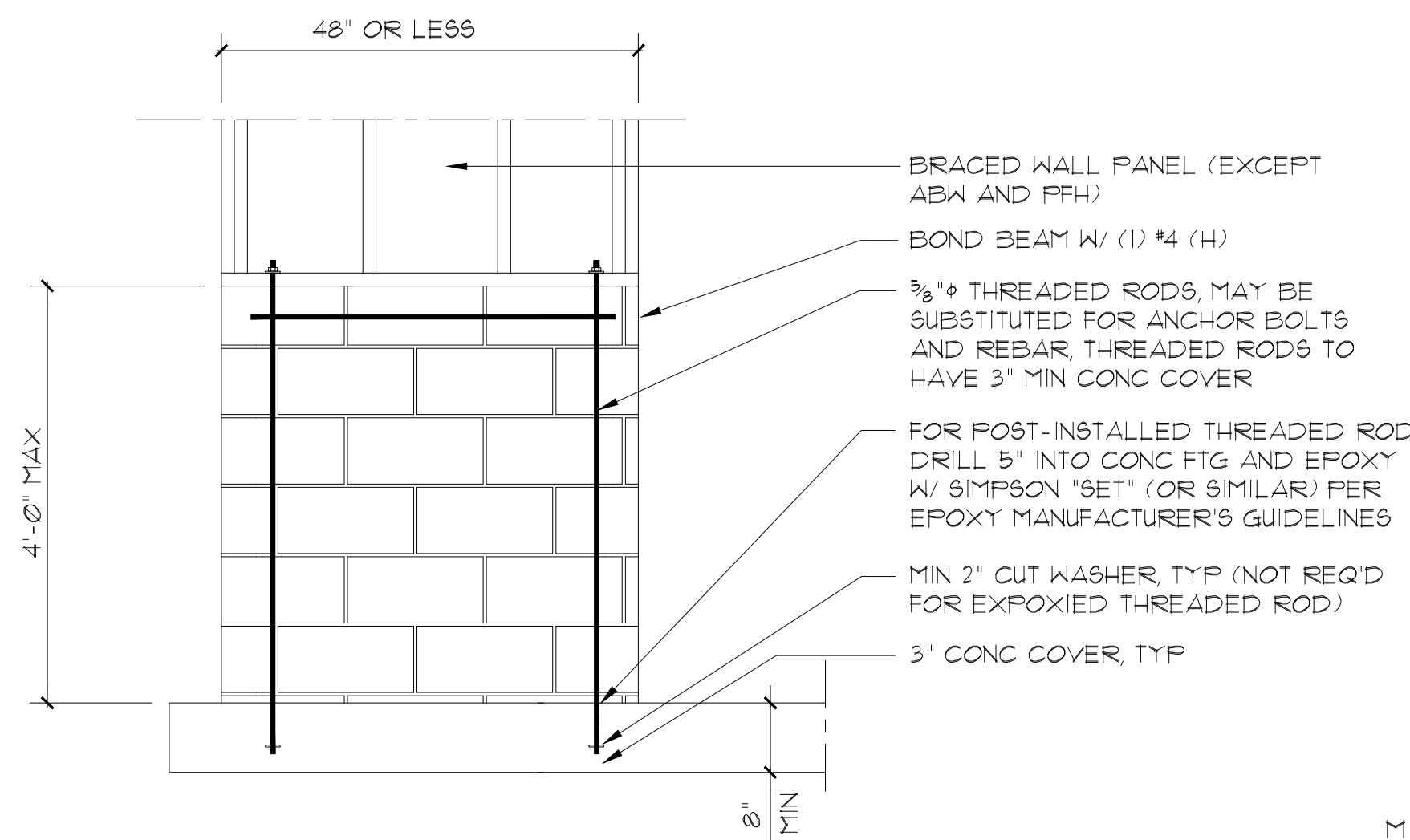
*PROVIDE VENTING PER R306 (NOT SHOWN)



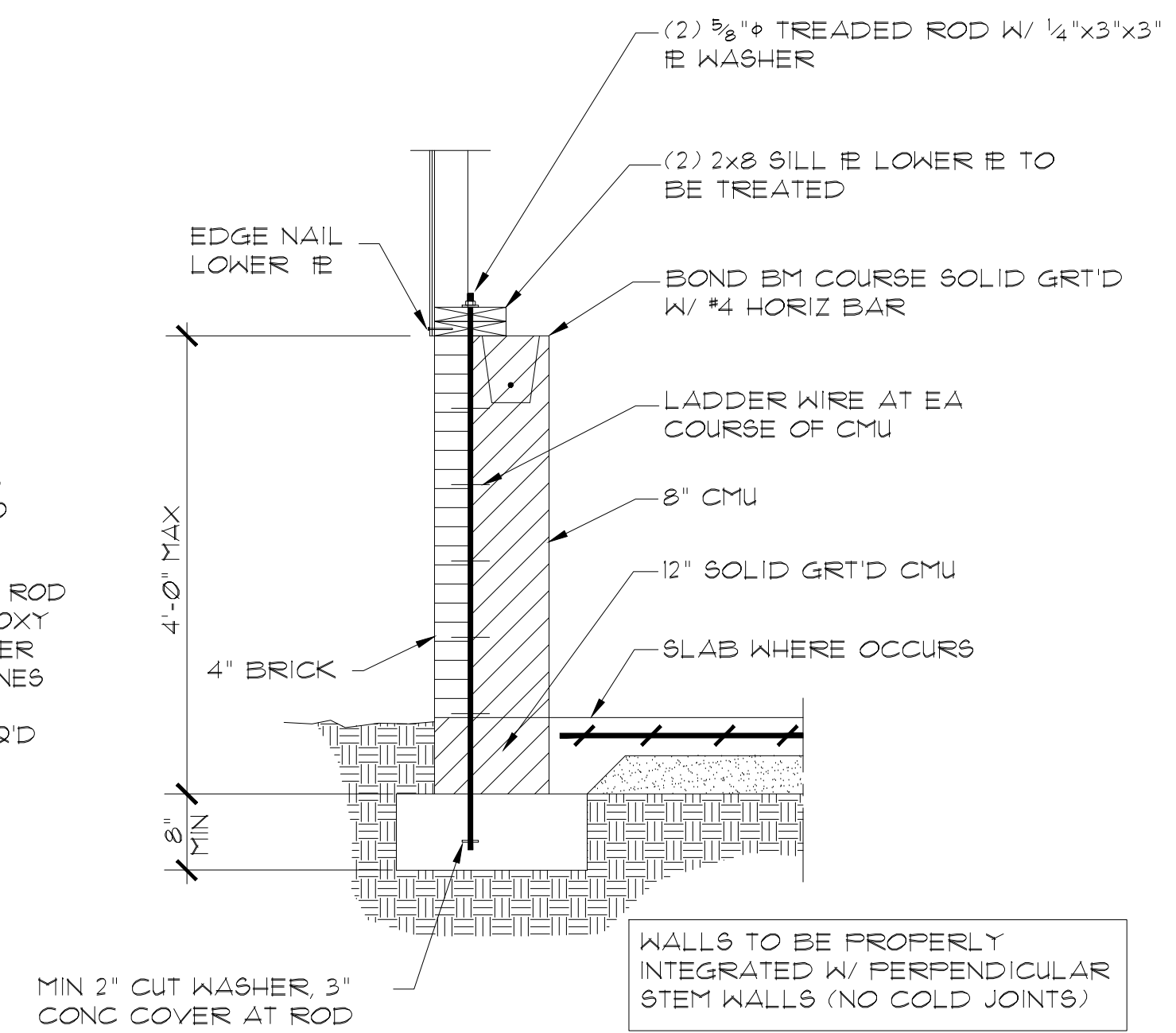
SHORT STEM WALL REINFORCEMENT



TALL STEM WALL REINFORCEMENT



OPTIONAL STEM WALL REINFORCEMENT



GARAGE PORTAL FRAME STEM WALL WITH IN-LINE BRICK FACING OPTION

4 MASONRY STEM WALLS SUPPORTING BRACED WALL PANELS

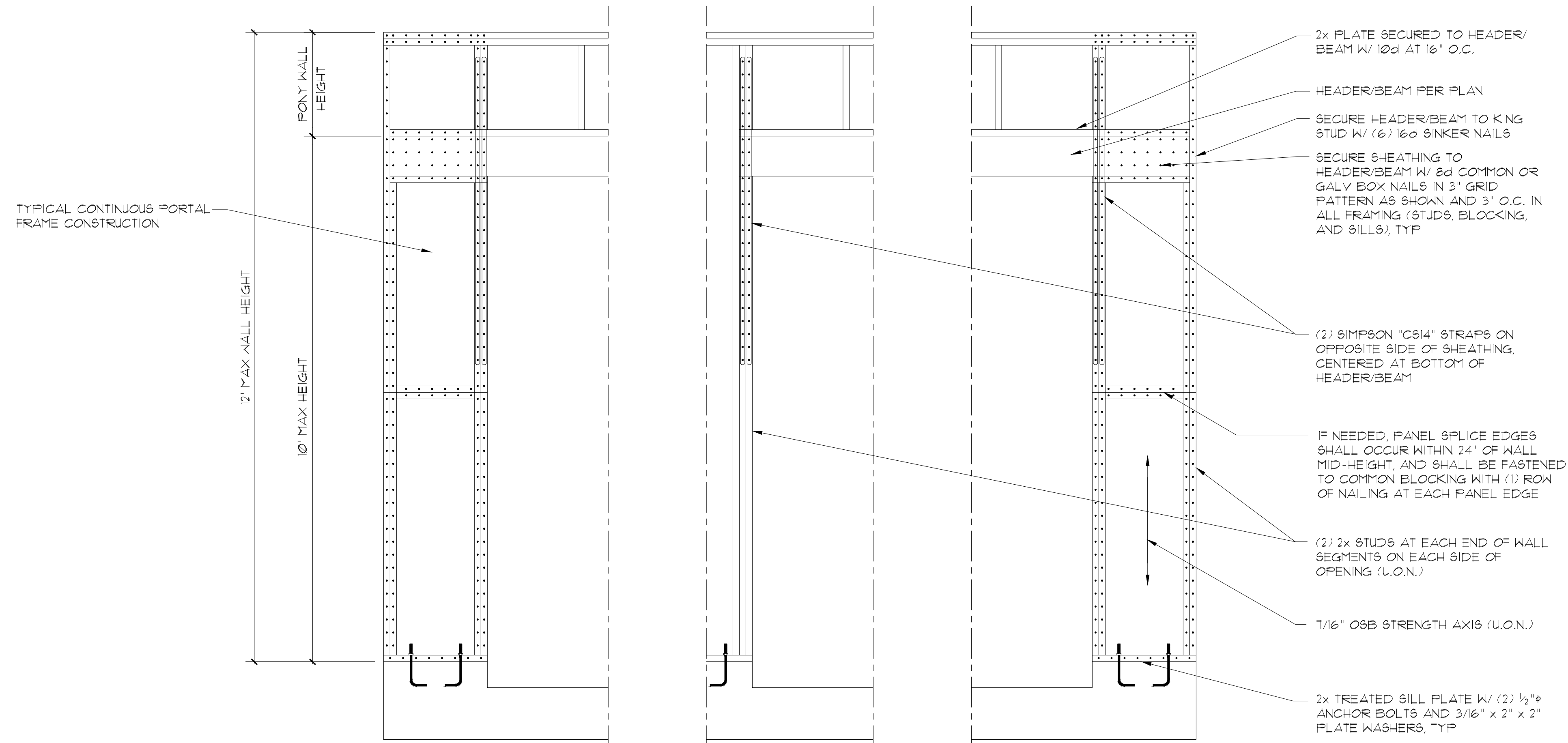
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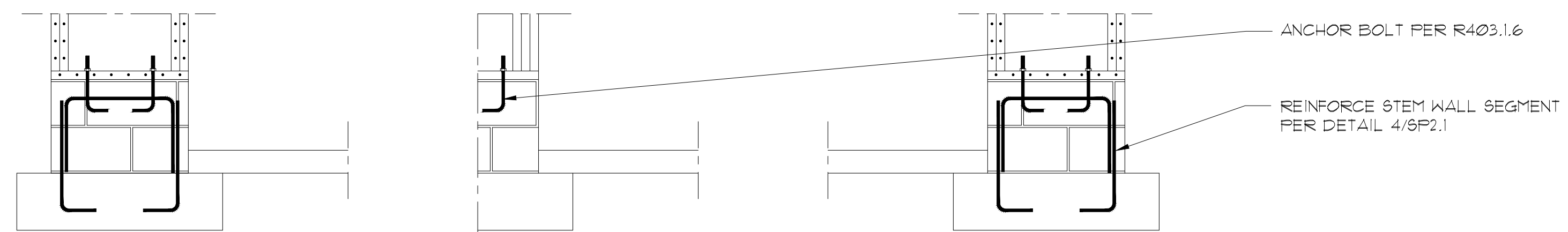
NORTH CAROLINA
PROFESSIONAL SEAL
052983
ANDREW DAVIS
REGISTERED PROFESSIONAL ENGINEER
06-09-2023

Andrew Davis
New Residence
2051 Thomas Kelly Rd.
Sanford, NC 27330

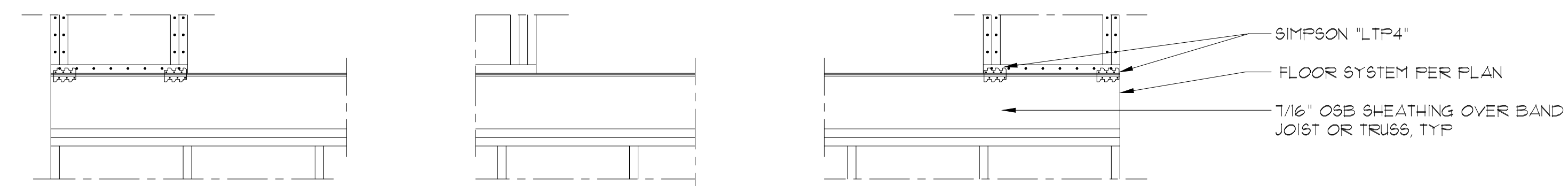
DATE 6-9-23
SCALE AS SHOWN
DRAWN G.M.
JOB 23-1676
SHEET



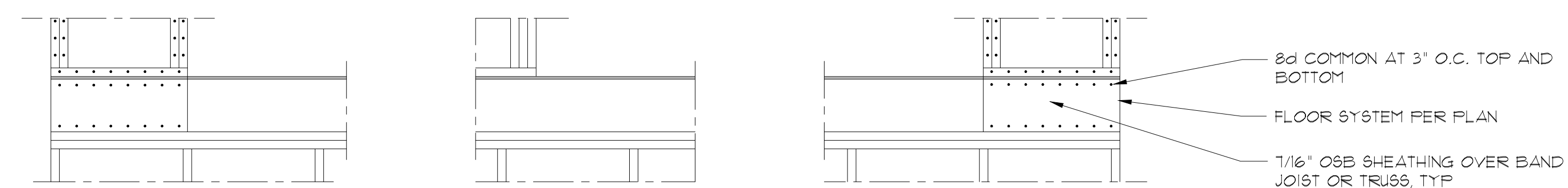
OVER MONOLITHIC SLAB FOUNDATION



OVER STEM WALL OR CRAWLSPACE FOUNDATION



OVER RAISED WOOD FLOOR OR SECOND FLOOR (FRAMING ANCHOR OPTION)

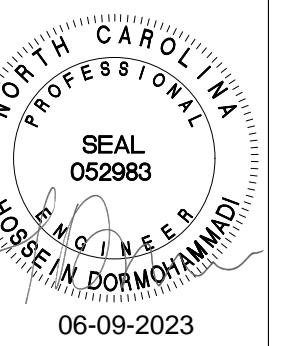


OVER RAISED WOOD FLOOR OR SECOND FLOOR (WOOD STRUCTURAL PANEL OPTION)

1 METHOD PF: PORTAL FRAME PANEL CONSTRUCTION

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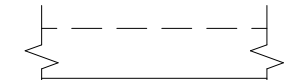

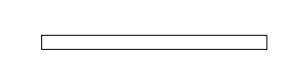

DATE	6-9-23
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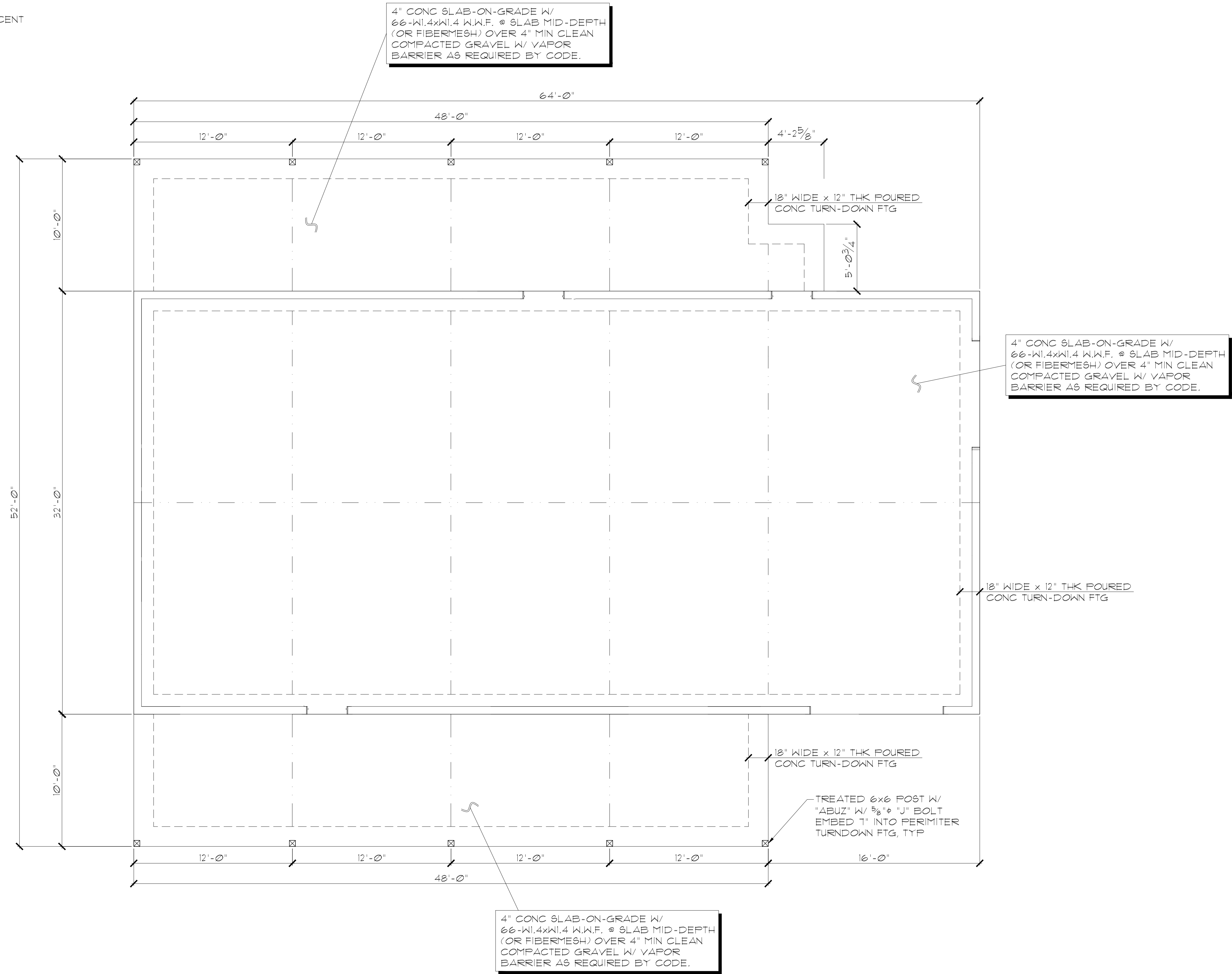
SP2.2

FOUNDATION NOTES:

1. ASSUMED SOIL BEARING CAPACITY IS 2,000 PSF. CONTRACTOR MUST CONTACT A SOILS ENGINEER IF UNSUITABLE SOILS ARE ENCOUNTERED.
2. ADEQUATE DRAINAGE SHALL BE PROVIDED FOR THE SURFACE AREA ADJACENT TO THE STRUCTURE SUCH THAT WATER DRAINS AWAY FROM STRUCTURE.
3. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO WORK.
4. FOR ADDITIONAL NOTES, SEE "SP" SHEETS.

LEGEND:

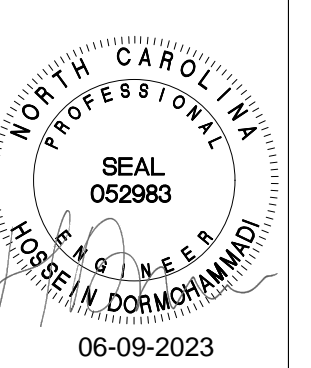
-  INDICATES MONOLITHIC CONC. TURN-DOWN FTG PER PLAN
-  INDICATES POST PER PLAN
-  INDICATES EXTERIOR WALLS ABOVE
-  INDICATES CRACK CONTROL JOINT. CONTRACTOR TO INSTALL ADD'L CONTROL JOINTS AS NEEDED TO PREVENT SLAB CRACKS



FOUNDATION PLAN
SCALE: 1/4"=1'-0"

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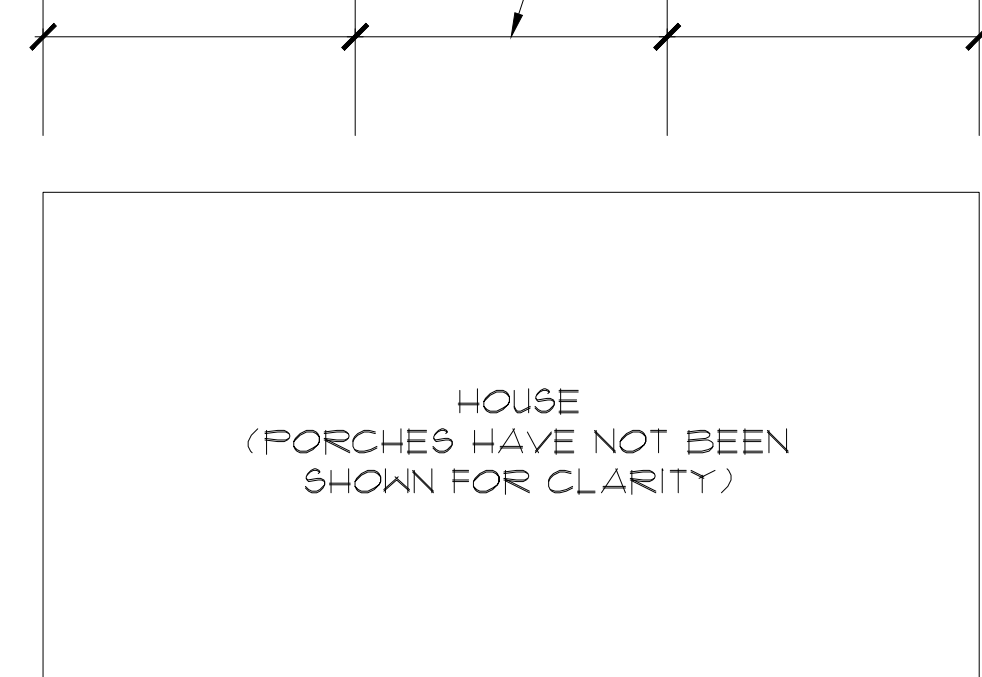
ROOF FRAMING NOTES:

1. ROOF SHEATHING IS TO BE 1/2" OSB (24/16) B.N. 4 E.N. 2d @ 6", F.N. 2d @ 12" (U.O.N.), OR CODE-APPROVED EQUIVALENT.
2. 24" MAX ROOF OVERHANG ALLOWED.
3. (15) 16d EACH SIDE OF TOP PLATE SPLICES, TYP U.O.N. BY "T.PL SPLICE REFERENCE PLAN"
4. TRUSSES TO BE TIED TO TOP PLATES USING AN "H2.5A" CLIP AT EACH TRUSS END.
5. GABLE END WALLS TO BE CONTINUOUSLY SHEATHED AS "CG-WSP".
6. ATTIC AREA: 3008 SQ FT. VENT REQ'S: 3008/150=20.1 SQ FT VENTS REQ'D. OR 10.0 SQ FT W/ 50% OF VENTING PROVIDED BY VENTILATORS IN THE UPPER PORTION OF THE SPACE AT LEAST 3 FEET ABOVE EAVE OR CORNICE VENTS WITH BALANCE OF THE REQ'D VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.
7. 3-PLY LVL BEAMS TO BE BUILT-UP WITH (2) ROW OF 16d SINKERS AT 12" O.C. ON EACH SIDE OF THE BEAM
8. CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO WORK.
9. FOR ADDITIONAL NOTES, SEE "SP" SHEETS.

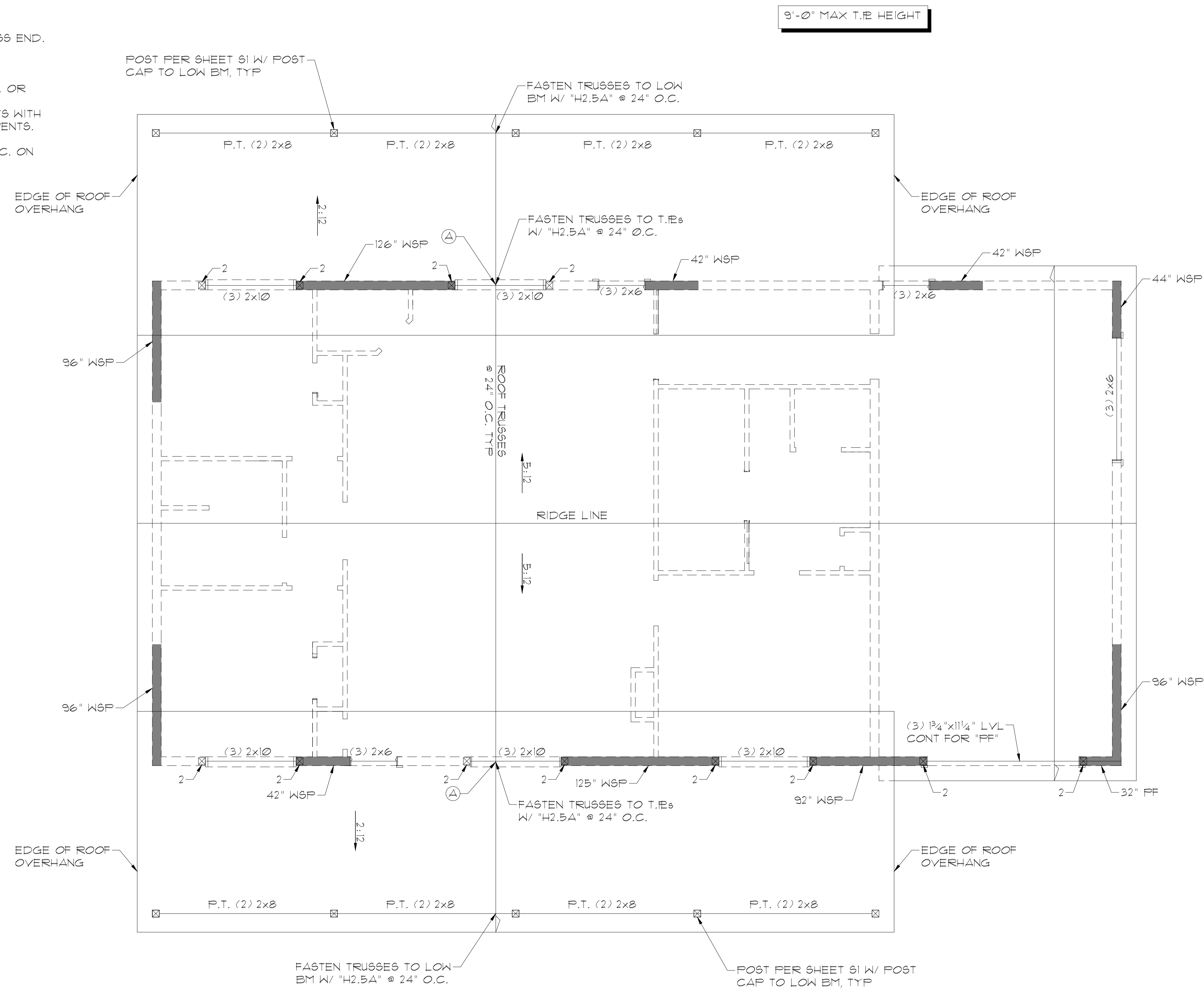
LEGEND:

- INDICATES ROOF TRUSSES BY OTHERS
- INDICATES 2x6 @ 16" O.C. STUD WALL BENEATH ROOF LEVEL (2x4 @ 24" O.C. AT INTERIOR WALLS)
- INDICATES LIMITS OF BRACED WALL, FOR SCHEDULE SEE SP2.0
- INDICATES POST PER PLAN
- INDICATES TRUSSES TO BEAR ON EXTERIOR WALL & CANTILEVER OVER PORCH

ATTACH (2) "CG16" HORIZ STRAPS W/ (1) 10d COMMON NAILS EA END (22 NAILS TOTAL PER STRAP) AT T.I.E SPLICES IN THE MIDDLE THIRD AREA OF BOTH WALLS



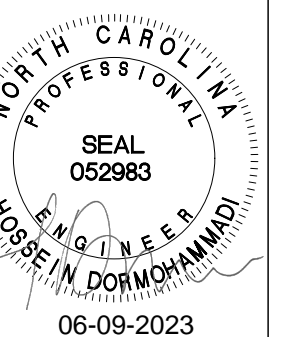
T.PL SPLICE REFERENCE PLAN
SCALE: N.T.S.



WALL AND ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"

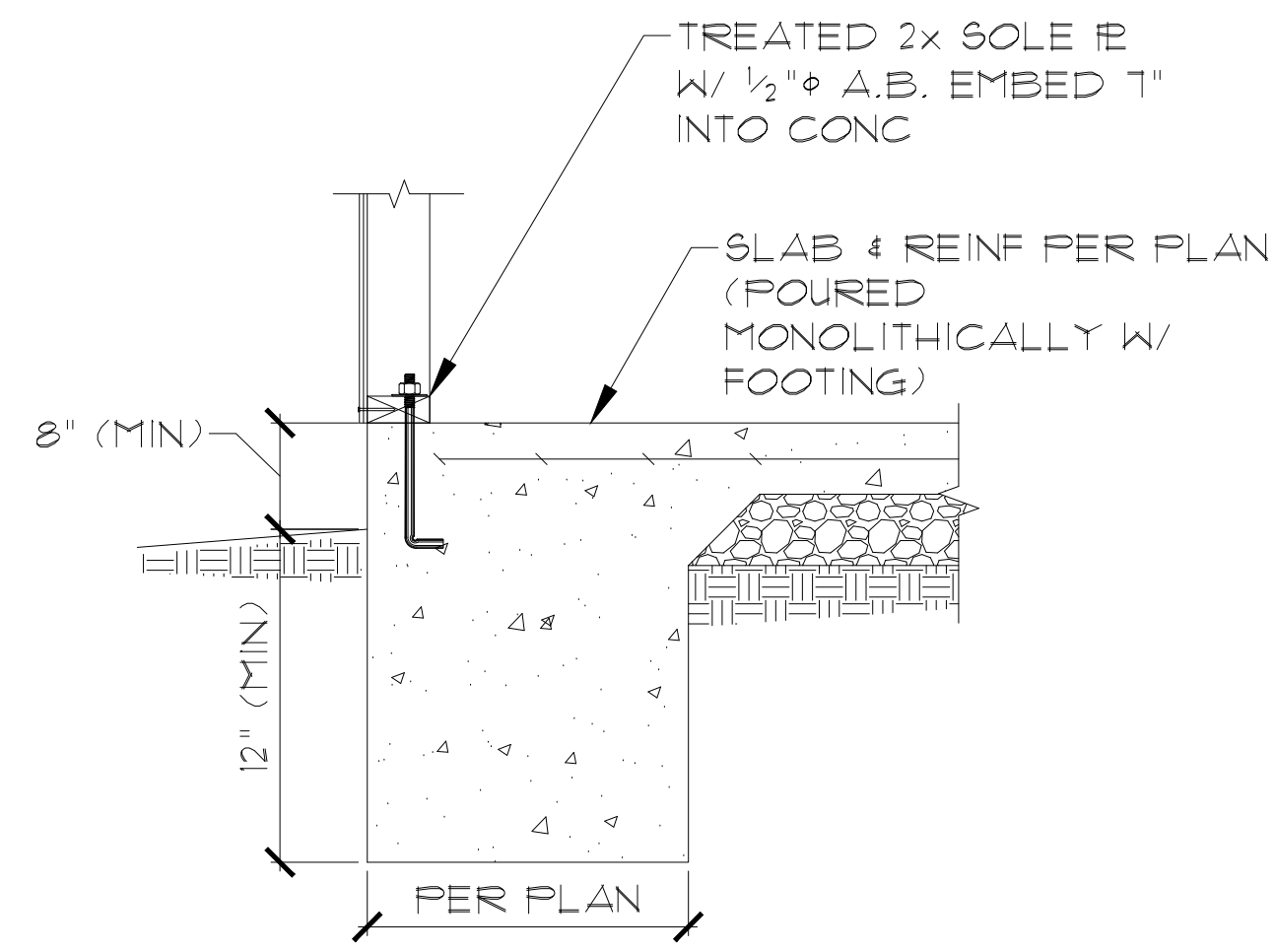
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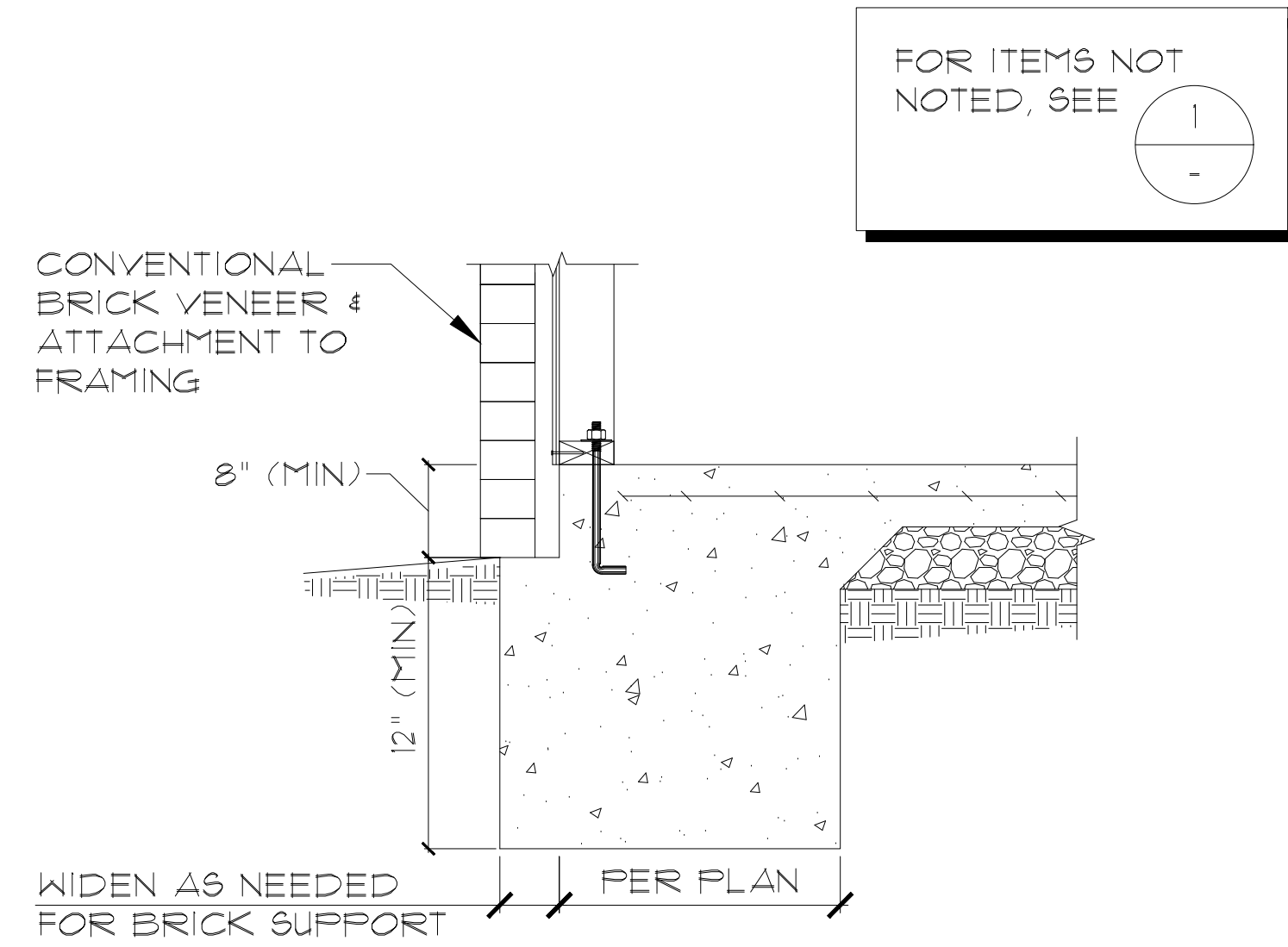


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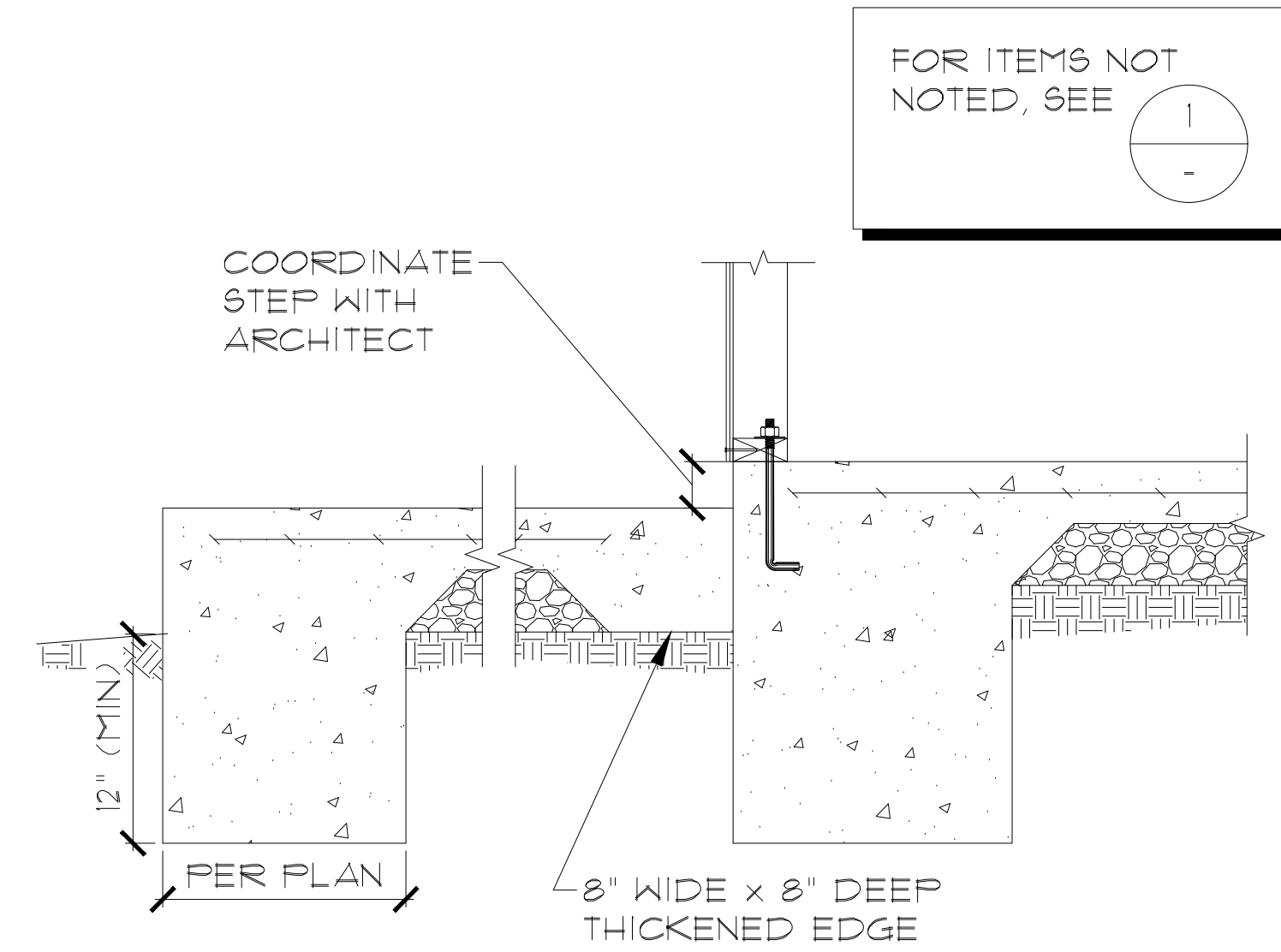
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SHEET



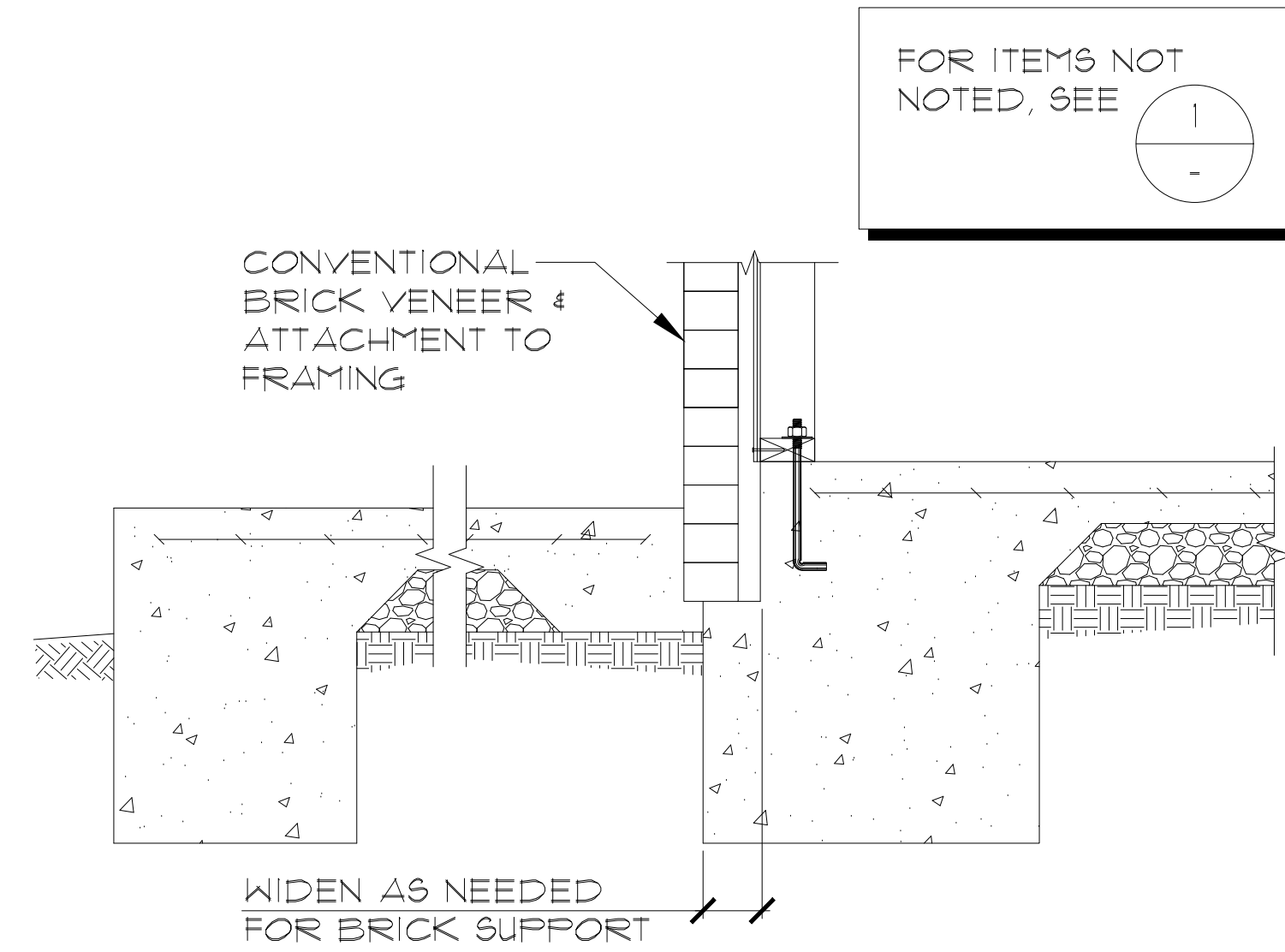
EXTERIOR WALL ①



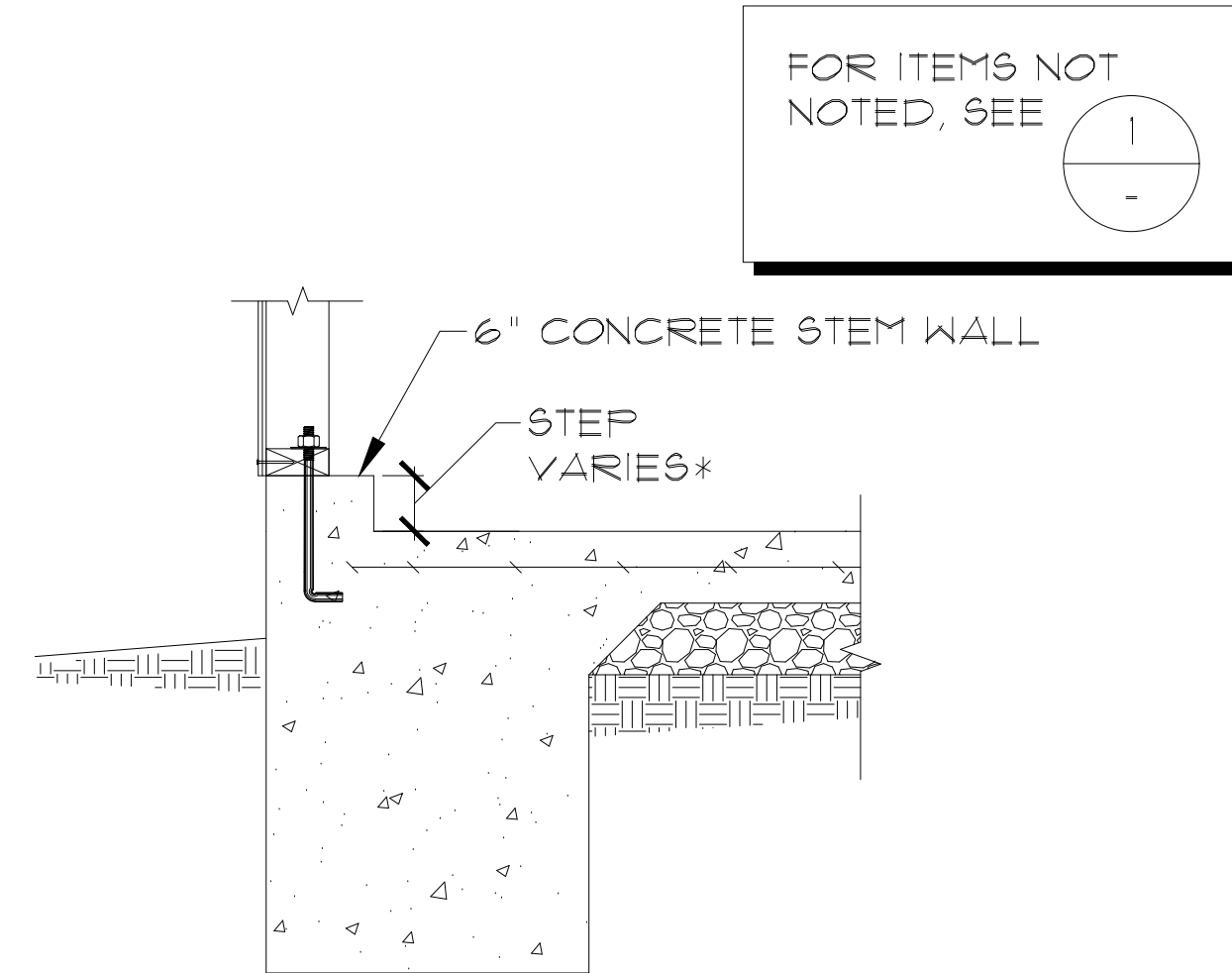
EXTERIOR WALL W/ BRICK VENEER ②



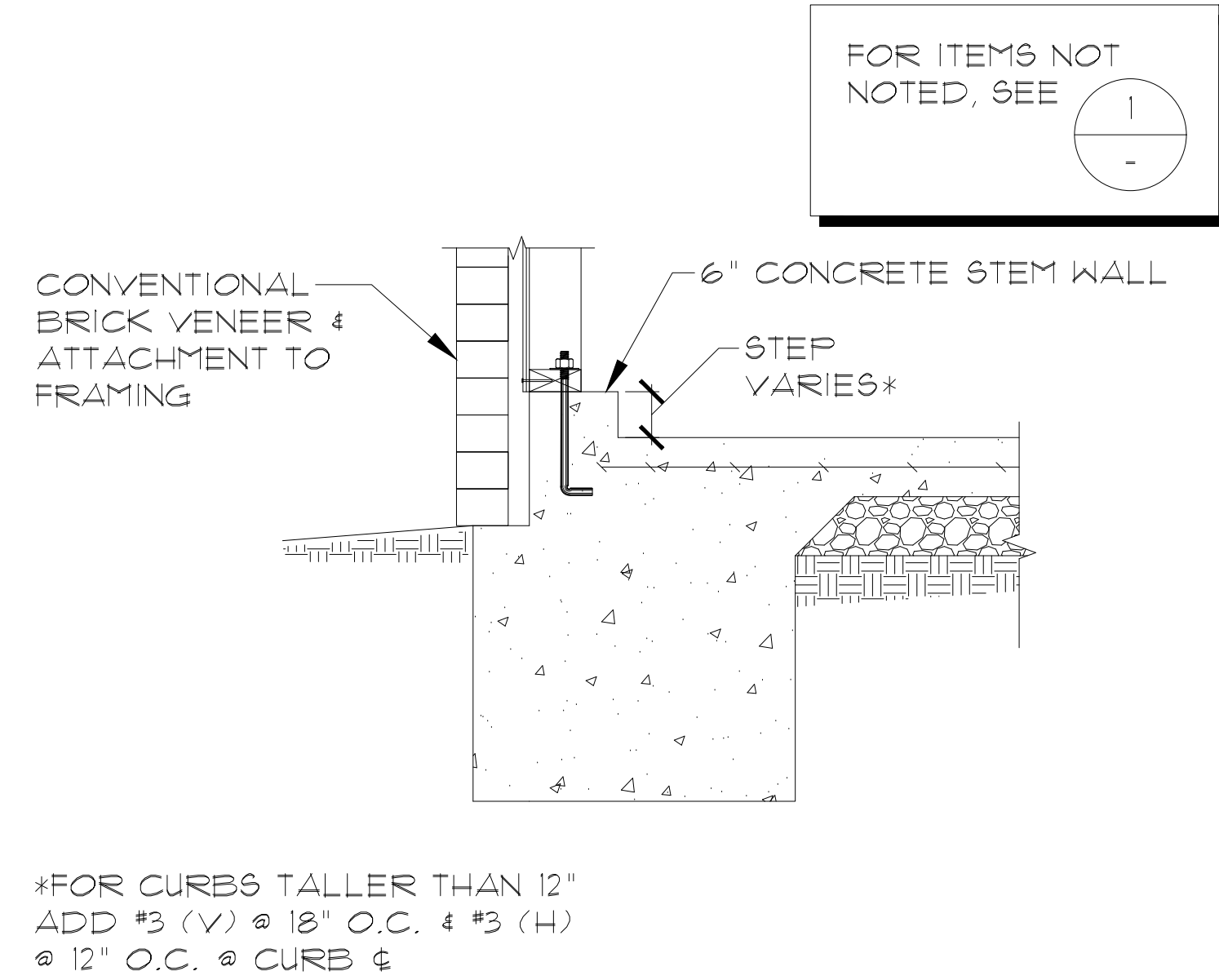
EXTERIOR WALL W/ PORCH ③



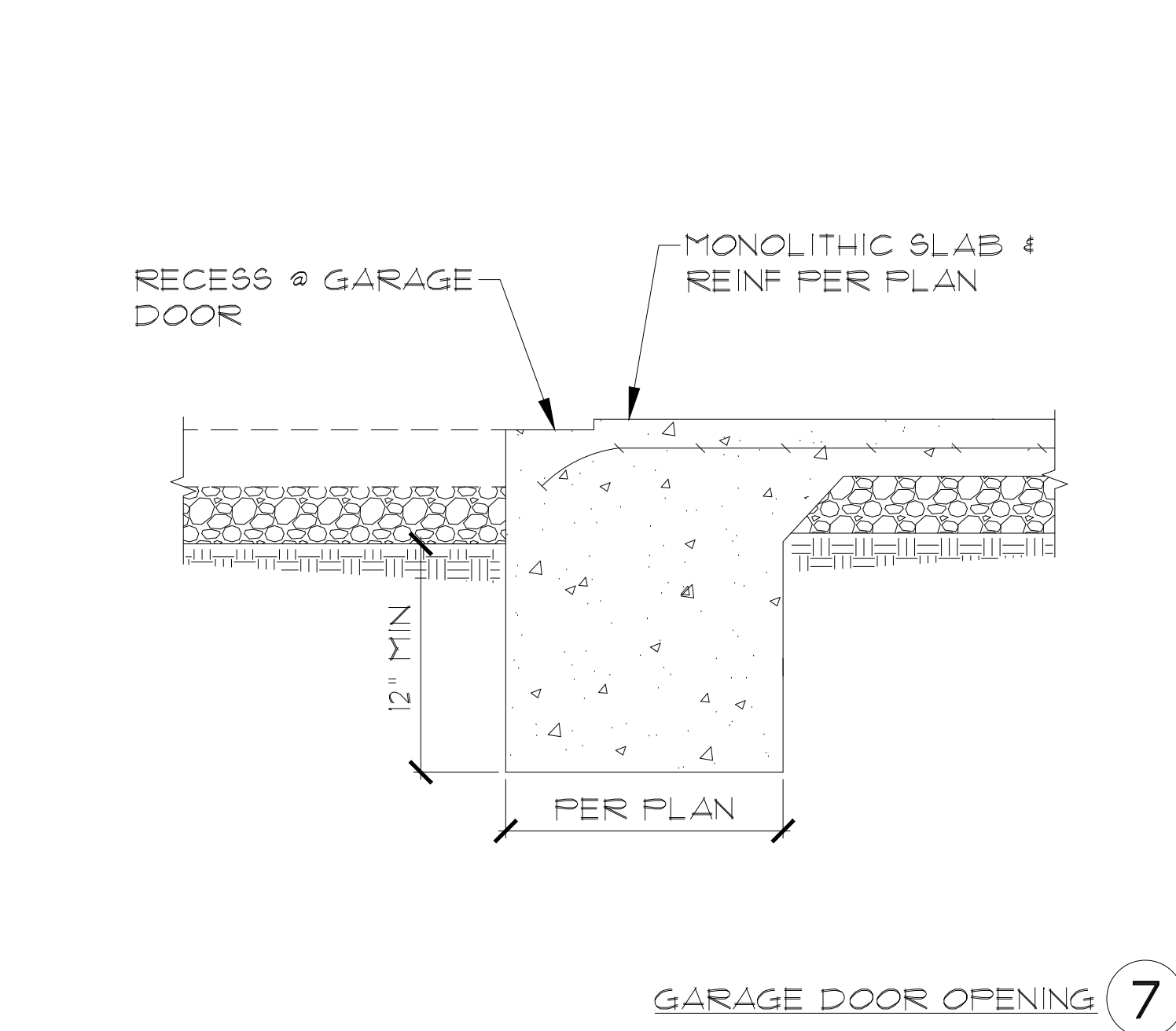
EXTERIOR WALL W/ PORCH & BRICK VENEER ④



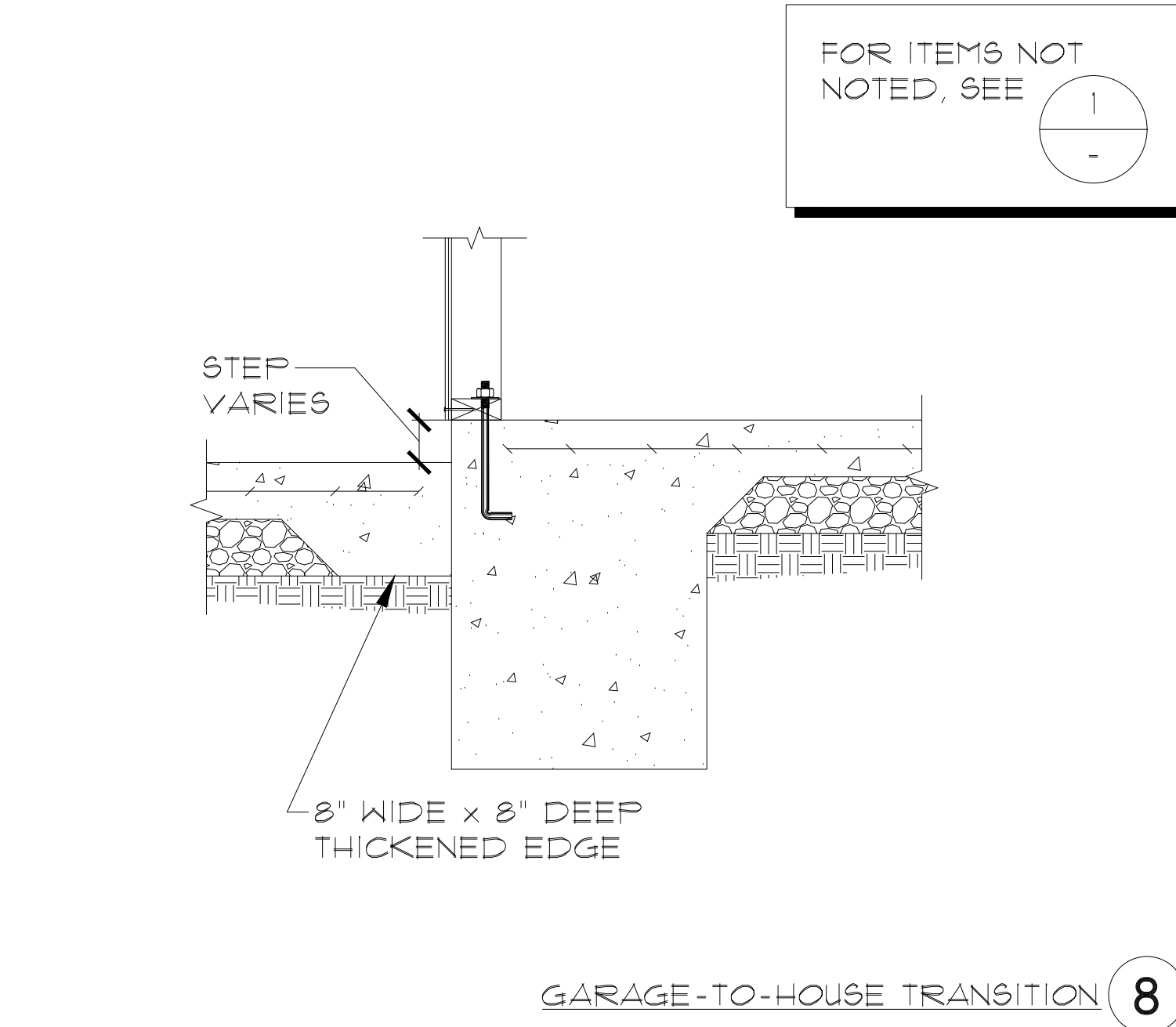
EXTERIOR GARAGE WALL ⑤



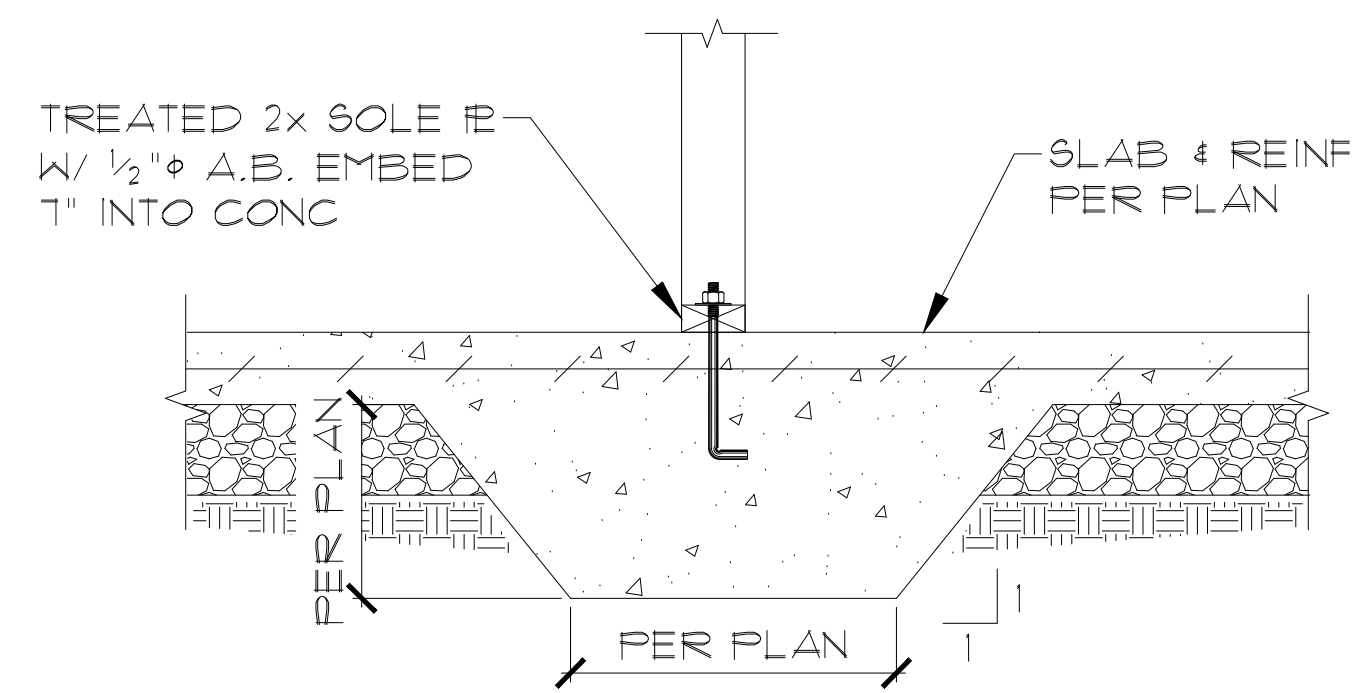
EXTERIOR GARAGE WALL W/ BRICK VENEER ⑥



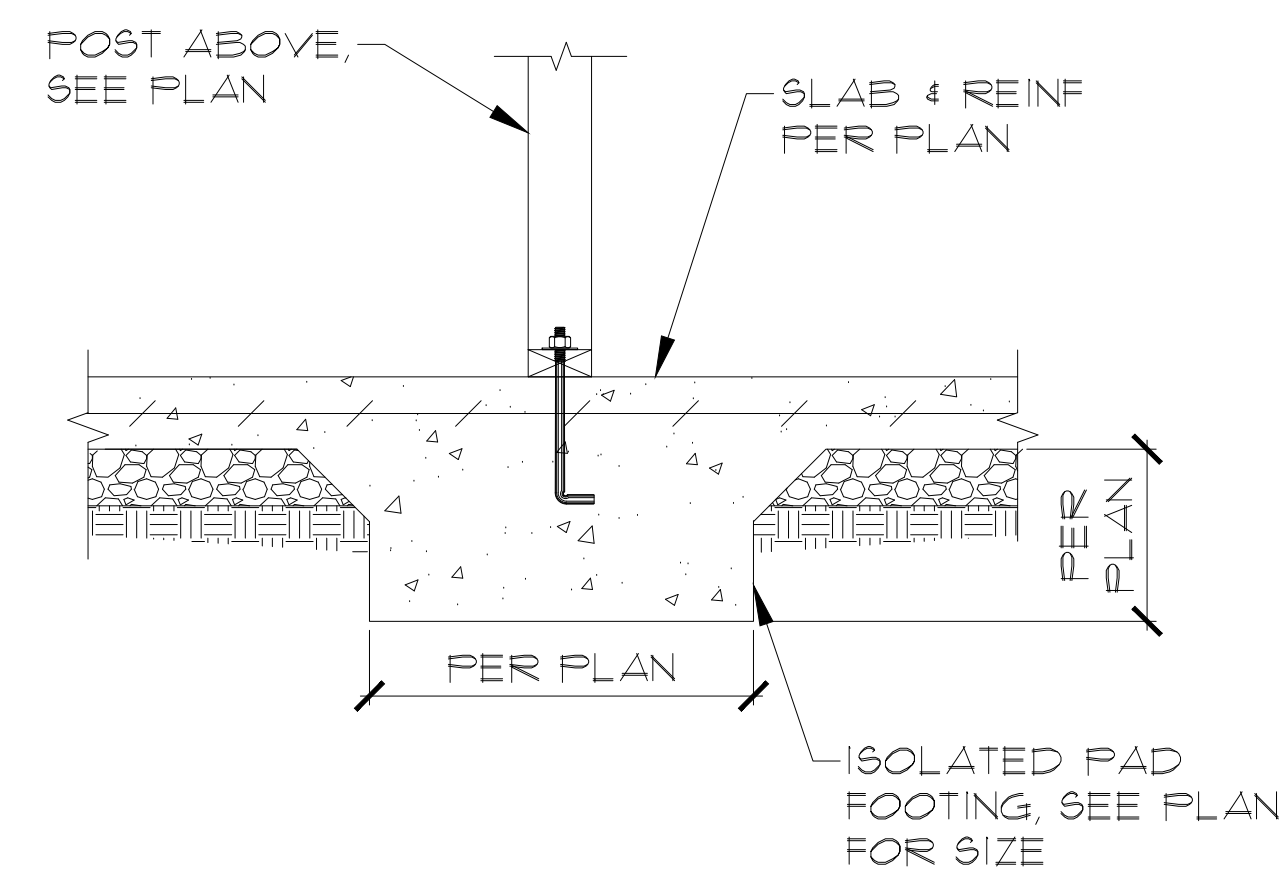
GARAGE DOOR OPENING ⑦



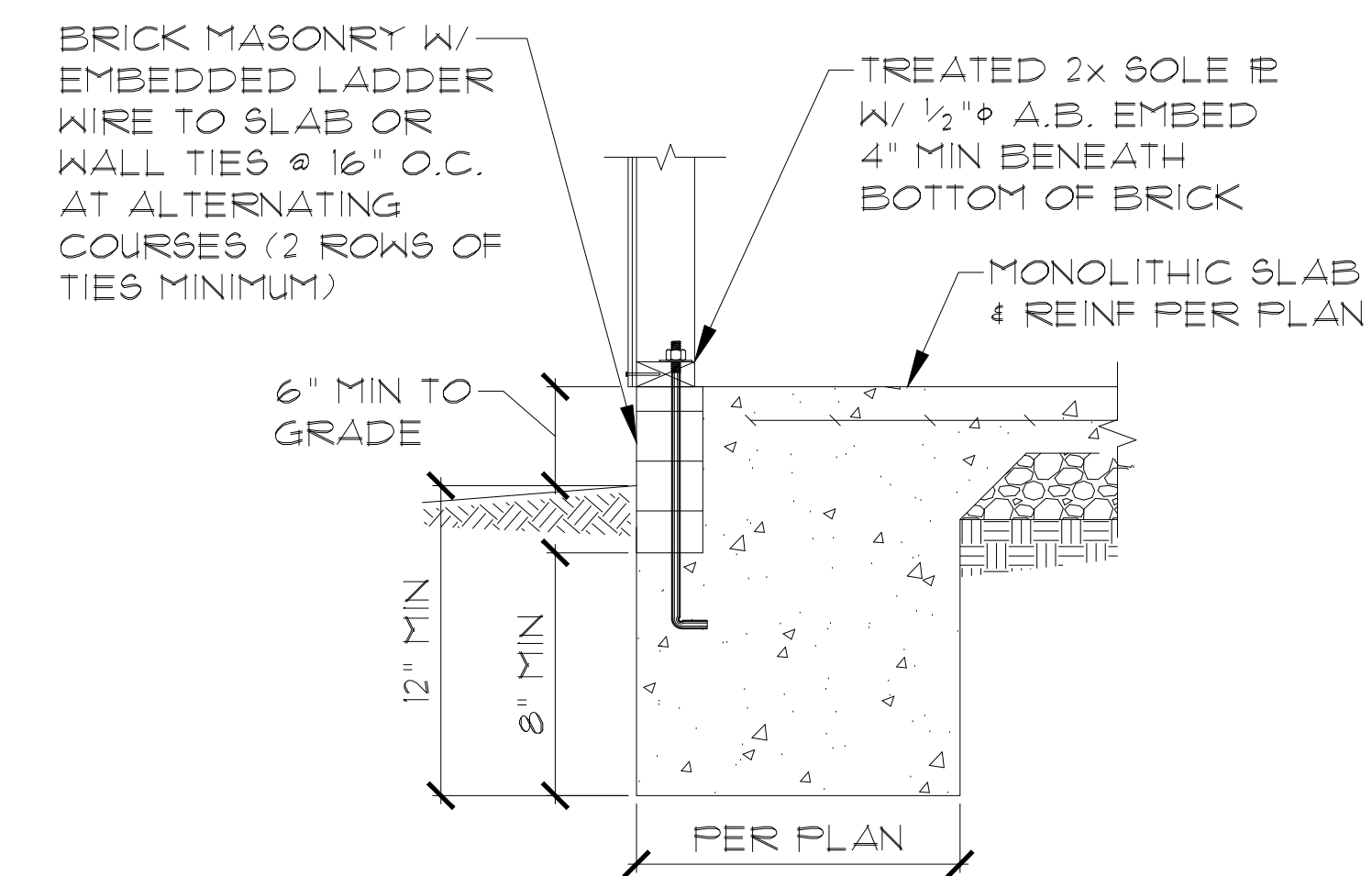
GARAGE-TO-HOUSE TRANSITION ⑧



THICKENED SLAB ⑨



ISOLATED PAD FOOTING ⑩



EXTERIOR WALL W/ INSET BRICK VENEER ⑪



⑫