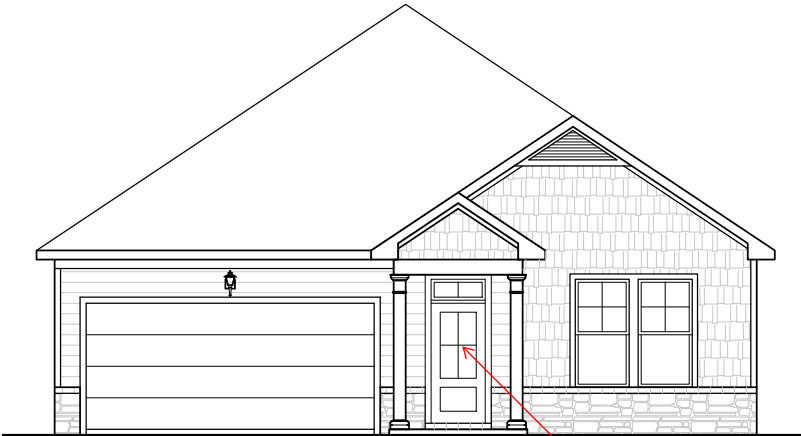


Wellers Knoll Lot 8

DAPHNE



ELEVATION C

DOOR STYLE PER
PURCHASE ORDER
SIZE 3/0 x 8/0

INCLUDED OPTIONS:

- 1st FLOOR
- SCREENED PORCH (in footprint)
- EXTENDED PATIO
- GOURMET KITCHEN
- OWNERS SPA SHOWER
- GARAGE SERVICE DOOR

SQUARE FOOTAGE

C ELEVATION	
FIRST FLOOR	1917 SQ. FT.
TOTAL CONDITIONED	1917 SQ. FT.
GARAGE	424 SQ. FT.
SCREENED PORCH	48 SQ. FT.
FRONT PORCH	52 SQ. FT.
EXTENDED PATIO (UNCOVERED)	67 SQ. FT.

THE FINISHED SQUARE FOOTAGE OF A PLAN IS TO BE REPORTED TO THE NEAREST WHOLE FOOT. THE FINISHED SQUARE FOOTAGE CALCULATIONS FOR THIS PLAN WERE MADE BASED ON PLAN DIMENSIONS OR DIGITAL DRAWINGS FILES ONLY, AND MAY VARY FROM THE FINISHED SQUARE FOOTAGE OF THE PLAN AS BUILT.

GENERAL NOTES

- NATIONAL, STATE AND LOCAL CODES AND REGULATIONS SHALL BE APPLIED TO ALL WORK BEING PERFORMED
- BUILDER TO VERIFY ALL SITE CONDITIONS, STRUCTURAL OPTIONS AND DIMENSIONS BEFORE START OF CONSTRUCTION
- DISCREPANCIES SHALL BE REPORTED TO PLAN DESIGNER FOR CORRECTION OR CLARIFICATION BEFORE CONTINUING WORK
- DIMENSIONS ONLY BE READ OR CALCULATED, NOT SCALED

GOVERNING CODES & STANDARDS

- 2018 RESIDENTIAL BUILDING CODE WITH GEORGIA 2020 AMENDMENTS
- 2015 INTERNATIONAL ENERGY CONSERVATION CODE WITH GEORGIA 2020 AMENDMENTS
- 2018 INTERNATIONAL FIRE CODE WITH NO AMENDMENTS
- 2018 INTERNATIONAL FUEL GAS CODE WITH GEORGIA 2020AMENDMENTS
- 2018 INTERNATIONAL MECHANICAL CODE WITH GEORGIA 2020 AMENDMENTS
- 2018 INTERNATIONAL PLUMBING CODE WITH GEORGIA 2020 AMENDMENTS
- 2020 NATIONAL ELECTRICAL CODE WITH NO GEORGIA AMENDMENTS

DESIGN CRITERIA

ROOF LIVE LOAD: 20PSF.
FLOOR LIVE LOAD: 40PSF. (INCLUDES DECKS, PATIOS AND PORCHES)
BASIC WIND VELOCITY: 90MPH
SEISMIC DESIGN CATEGORY: B



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3460 PRESTON RIDGE ROAD, SUITE 525
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PLAN NAME: DAPHNE LH

SUBDIVISION: ---

LOT#: ---

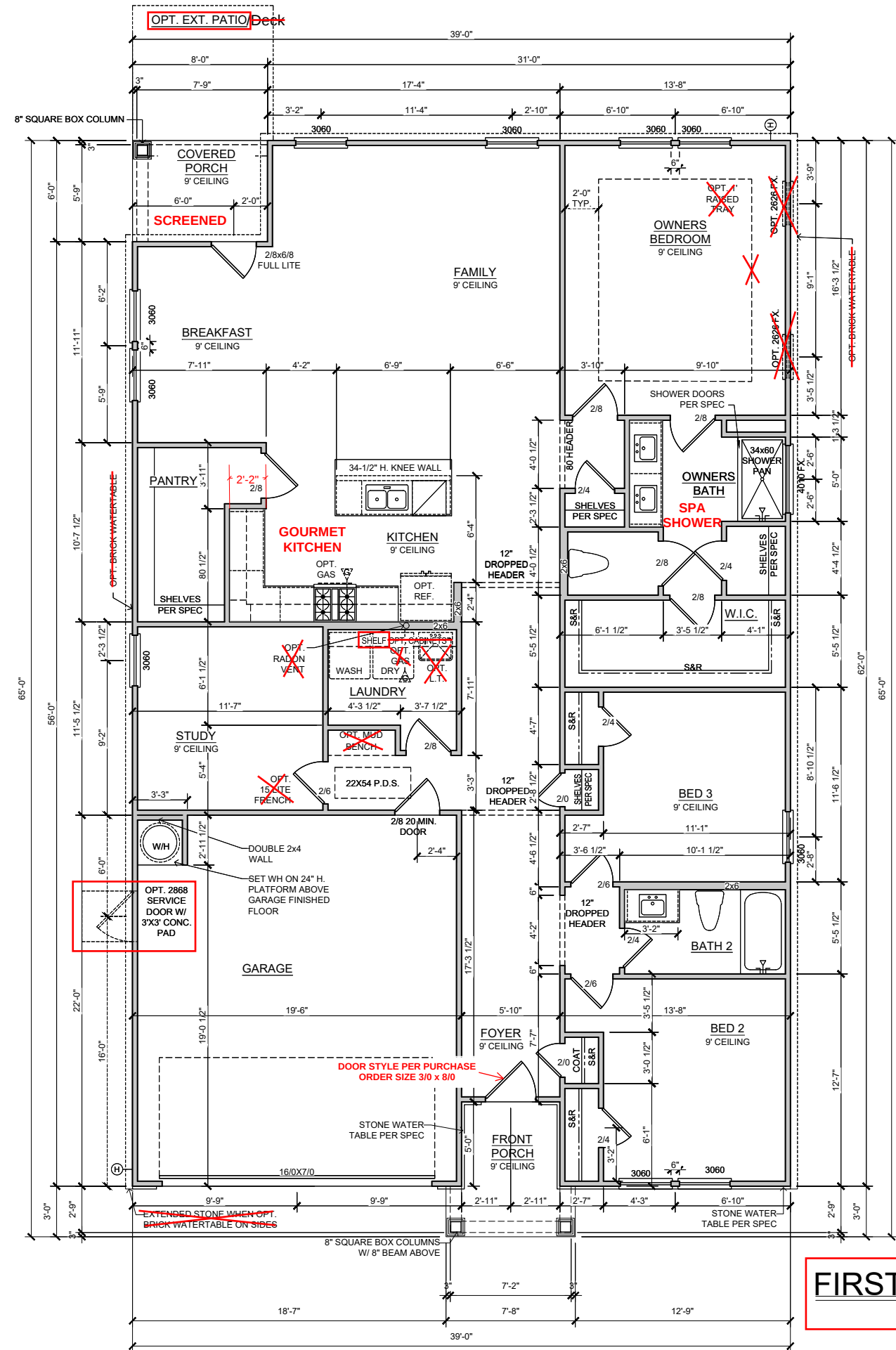
REVISION NO. 6
BY DAN.REID
REVISION DATE 2023-10-17

COVER SHEET

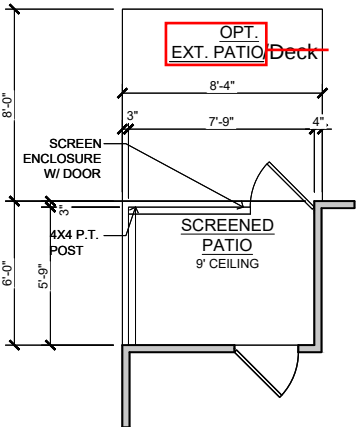
SHEET NO.
A-CS

GENERAL FRAMING NOTES

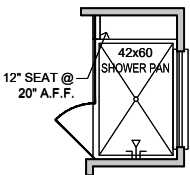
- TYPICAL EXTERIOR HEADER HEIGHT SHALL BE 8'-3" AFF AT FIRST FLOOR AND 6'-11" AFF AT SECOND FLOOR UNLESS OTHERWISE NOTED
- DOOR FRAMES NEAR CORNERS SHALL BE A MINIMUM 4 1/2" FROM CORNER. WHEN TWO DOORS ARE AT SAME CORNER, MINIMUM OF 6" FROM CORNER. DOORS AT CLOSETS SHALL BE CENTERED ON CLOSET.
- REFER TO DOOR AND WINDOW MANUFACTURER SPECIFICATIONS FOR ROUGH OPENING SIZES.
- ATTIC ACCESS SHALL BE PROVIDED AT ALL ATTIC AREAS WITH A HEIGHT GREATER THAN 30" MINIMUM. CLEAR ATTIC ACCESS SHALL BE 20"x30". PULL DOWN STAIRS AND ACCESS DOORS IN KNEE WALLS MEETING MINIMUM CRITERIA ARE ALSO ACCEPTABLE.
- GARAGE WALLS, AT A MINIMUM SHALL BE SEPARATED FROM THE LIVING SPACE BY INSTALLING 1/2" GYPSUM BOARD ON THE GARAGE SIDE OF THE WALL. WITH HABITABLE SPACE ABOVE, THE INSIDE OF ALL GARAGE WALLS REQUIRE 1/2" GWB SUPPORTING 5/8" TYPE X GWB ON CEILING.
- INTERIOR HANDRAILS SHALL NOT BE LESS THAN 34", AND NOT MORE THAN 38", AND COMPLY WITH IRC SECTION R311.7.8
- EXTERIOR GUARD RAILS SHALL BE NOT LESS THAN 36", AND COMPLY WITH IRC SECTION R312.1
- DIMENSIONS ARE ONLY TO BE READ OR CALCULATED, NOT SCALED



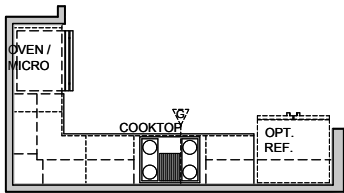
Wellers Knoll Lot 8



OPT. SCREENED PATIO



OPT. SPA SHOWER



OPT. GOURMET KITCHEN

FIRST FLOOR PLAN "C"

SCALE: 1/8" = 1'-0"



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PLAN NAME: DAPHNE LH

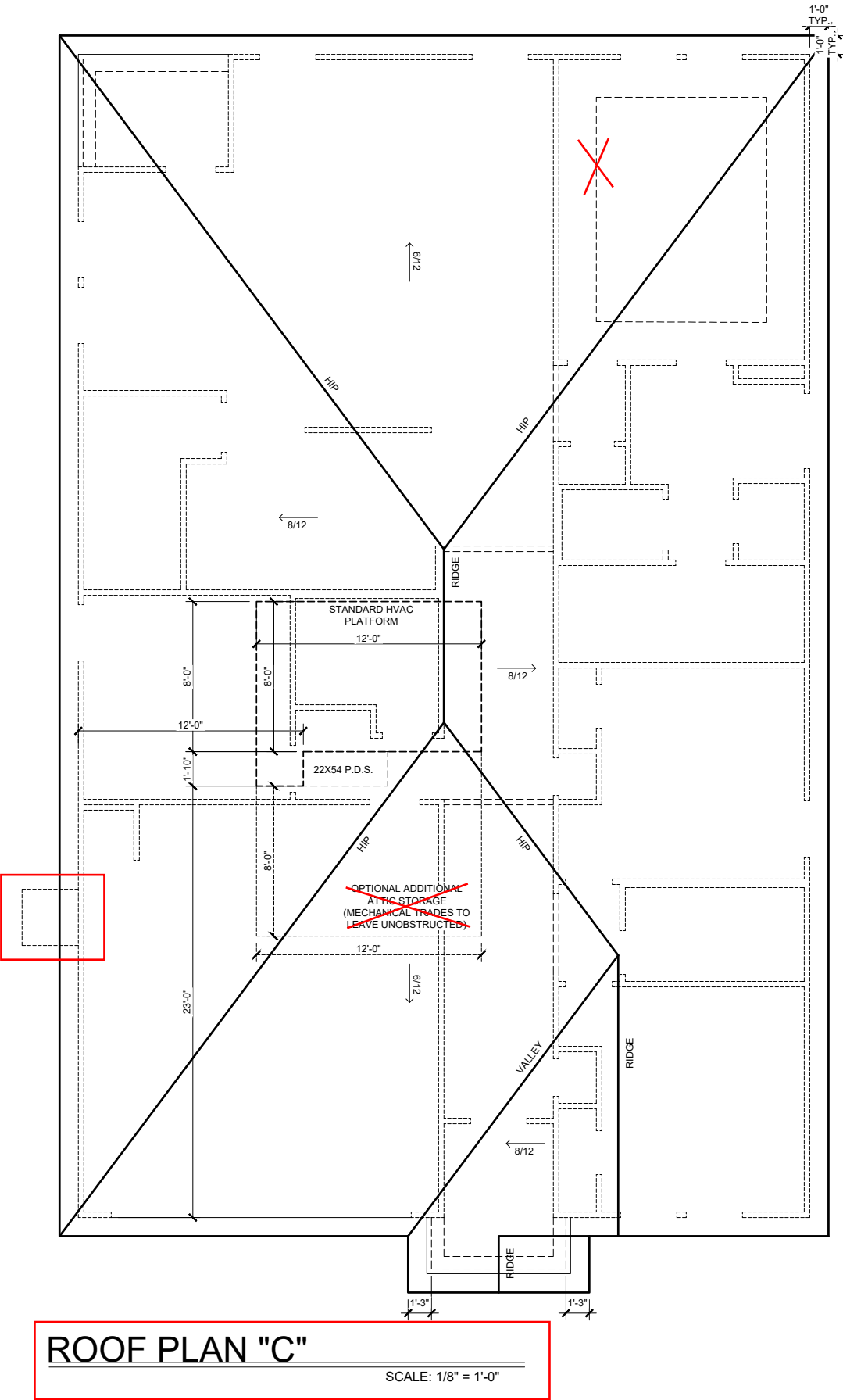
SUBDIVISION: ---

LOT#: ---

REVISION NO. 6
BY DAN.REID
REVISION DATE 2023-10-17

FIRST FLOOR PLAN

SHEET NO. A-1.0C



ATTIC VENT SCHEDULE								
MAIN HOUSE		SQ FTG	2438	AT / NEAR RIDGE			AT / NEAR EAVE	
VENT TYPE	SQ. FT. REQUIRED RANGE	SQ. FT. SUPPLIED	PERCENT OF TOTAL SUPPLIED	POT. LARGE (SQ. FT. EACH)	POT. SMALL (SQ. FT. EACH)	RIDGE VENT (SQ. FT. PER LF)	EAVE VENT (SQ. IN. EACH)	CONT. VENT (SQ. IN. PER LF)
				0.4236	0.2778	0.125	0.1944	0.0625
RIDGE VENT	3.25	4.06	3.00	43.64	0	0	24.00	
SOFFIT VENTS	4.88	4.06	3.88	56.36			0	62.00
TOTAL (MIN)	8.13	8.13	6.88	100.00	POT VENTS MAY BE REQUIRED IF THERE IS INSUFFICIENT RIDGE AVAILABLE			

Wellers Knoll Lot 8



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PLAN NAME: DAPHNE LH
SUBDIVISION: ---
LOT#: ---

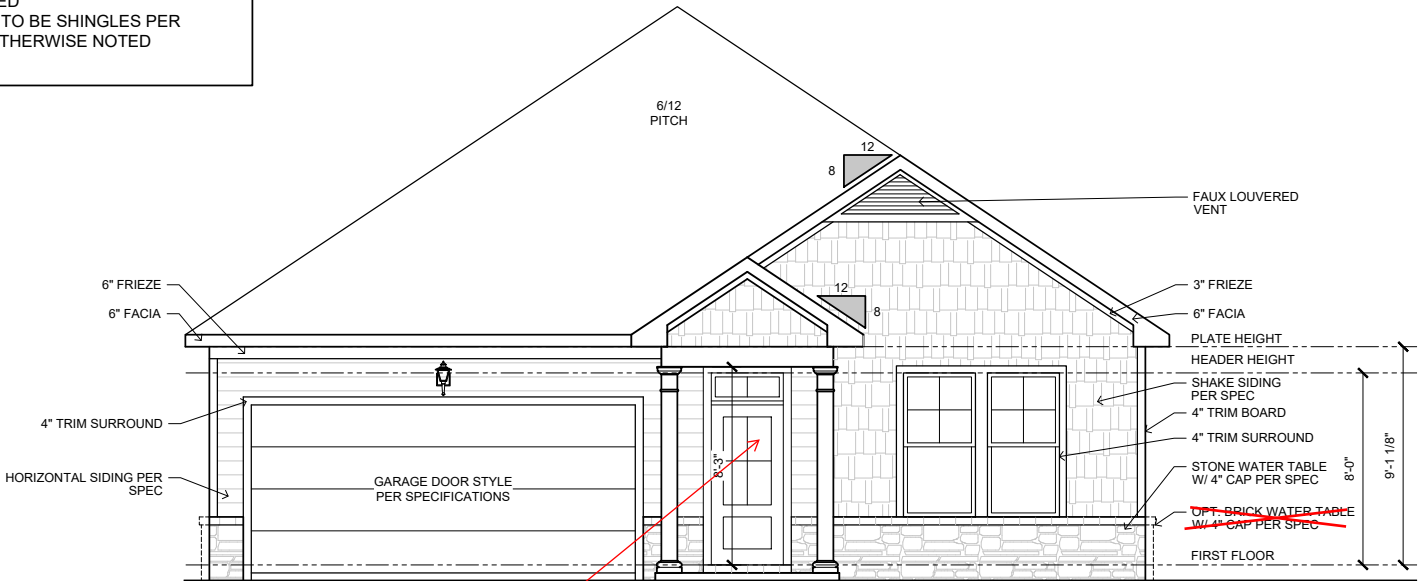
REVISION NO. 8
BY DAN.REID
REVISION DATE 2023-10-17

ROOF PLAN
SHEET NO.
A-4.0C

GENERAL ELEVATION
NOTES

- FASCIA, FRIEZE, RAKE, AND SKIRT
BOARDS TO BE 1X UNLESS OTHERWISE
NOTED
- ALL OTHER TRIM TO BE 5/4 UNLESS
OTHERWISE NOTED
- LAP SIDING REVEALS PER SPEC., UNLESS
OTHERWISE NOTED
- ROOF COVERING TO BE SHINGLES PER
SPEC., UNLESS OTHERWISE NOTED

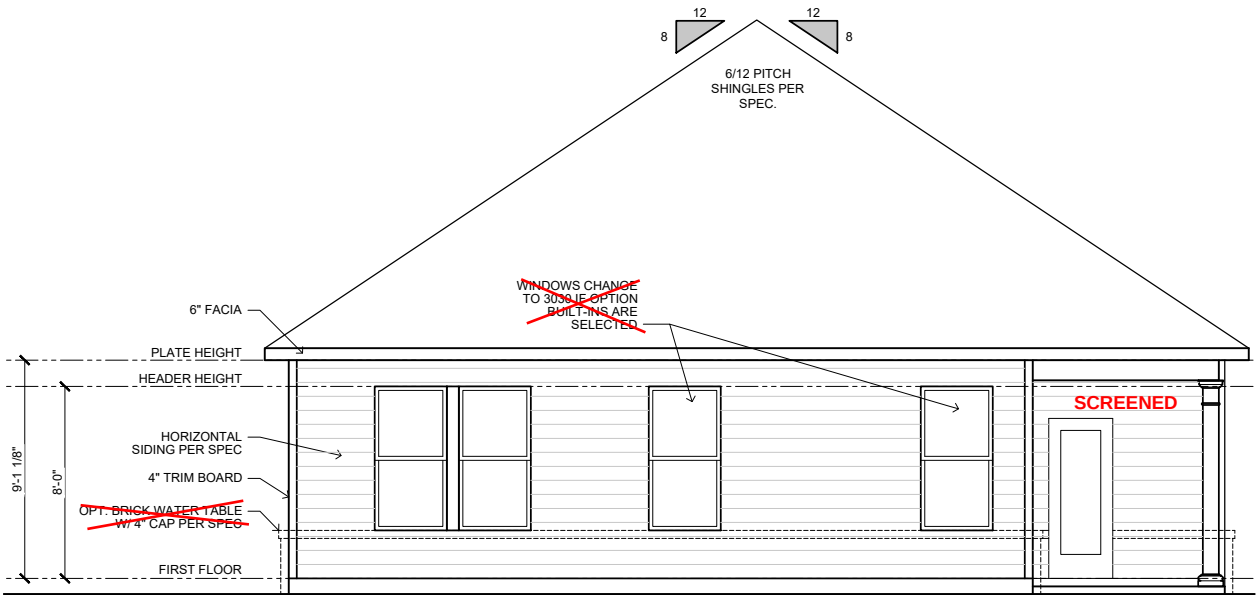
Wellers Knoll Lot 8



DOOR STYLE PER
PURCHASE ORDER
SIZE 3/0 x 8/0

FRONT ELEVATION "C"

SCALE: 1/8" = 1'-0"



REAR ELEVATION "C"

SCALE: 1/8" = 1'-0"



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PLAN NAME: DAPHNE LH

REVISION NO. 6

BY DAN.REID
REVISION DATE 2023-10-17

FRONT ELEVATION

SHEET NO.
A-5.0C

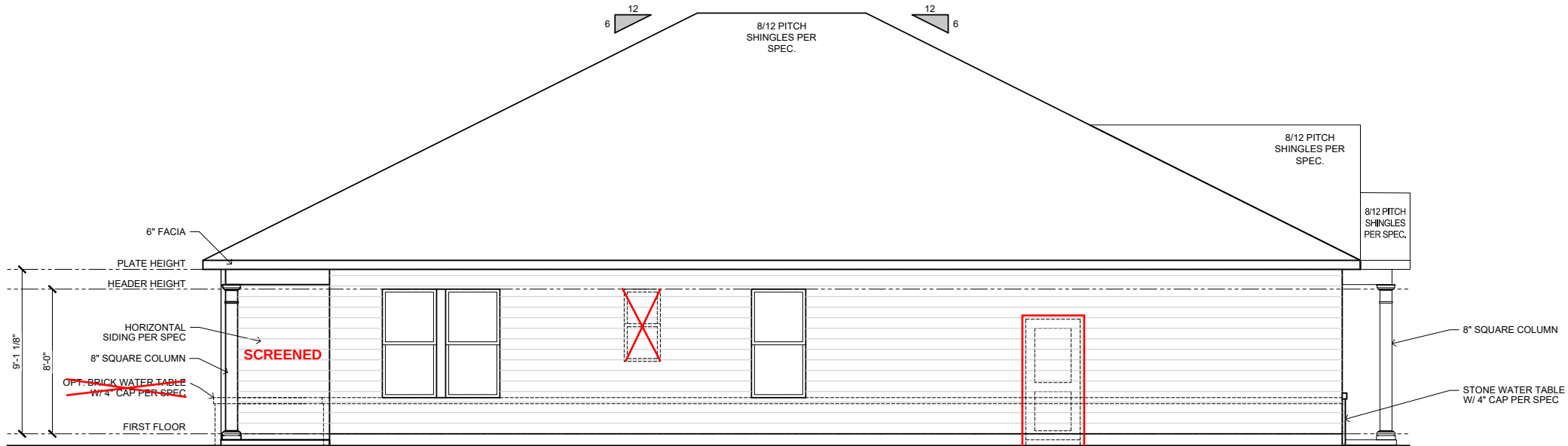
GENERAL ELEVATION
NOTES

- FASCIA, FRIEZE, RAKE, AND SKIRT
BOARDS TO BE 1X UNLESS OTHERWISE
NOTED
- ALL OTHER TRIM TO BE 5/4 UNLESS
OTHERWISE NOTED
- LAP SIDING REVEALS PER SPEC., UNLESS
OTHERWISE NOTED
- ROOF COVERING TO BE SHINGLES PER
SPEC., UNLESS OTHERWISE NOTED

Wellers Knoll Lot 8

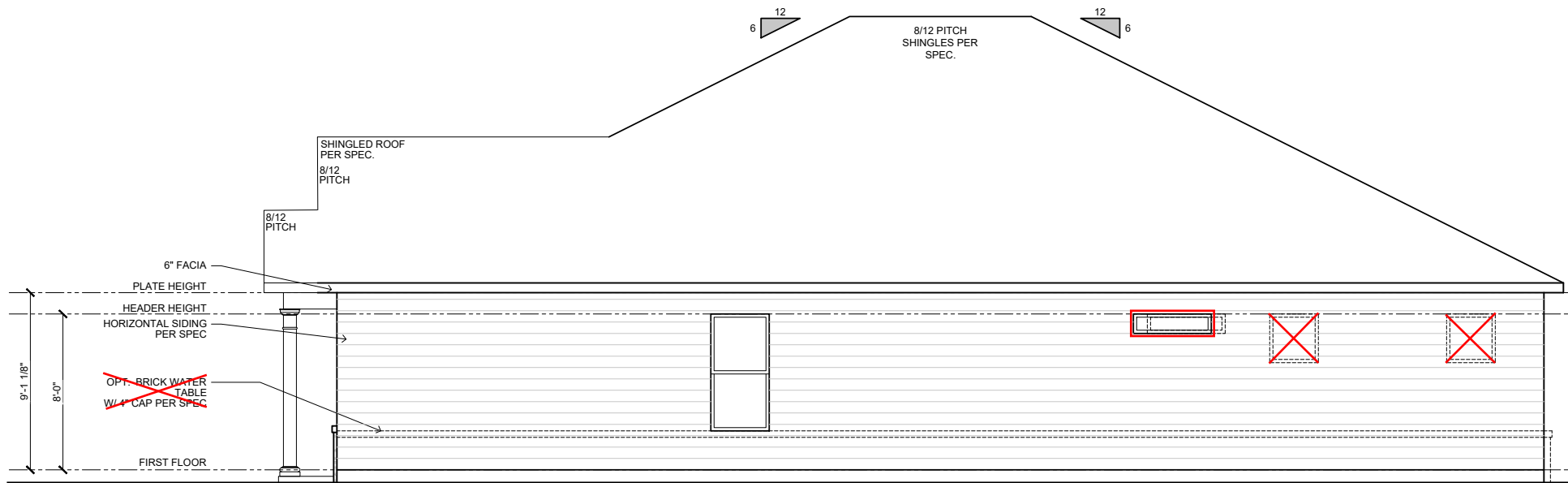


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LEFT ELEVATION "C"

SCALE: 1/8" = 1'-0"



RIGHT ELEVATION "C"

SCALE: 1/8" = 1'-0"

PLAN NAME: DAPHNE LH

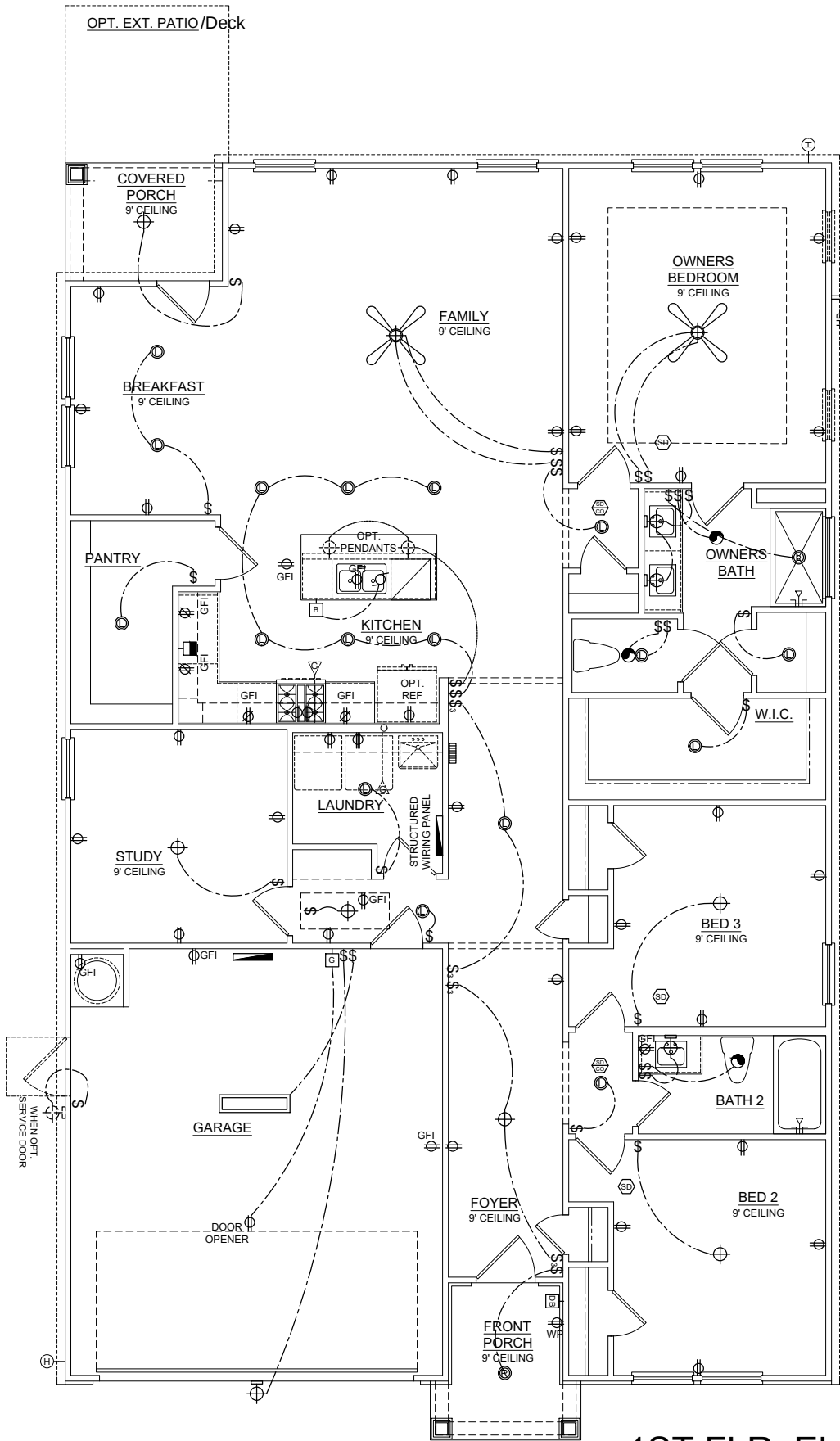
REVISION NO. 6

BY: DAN.REID
REVISION DATE: 2023-10-17

RIGHT ELEVATION

SHEET NO.
A-5.1C

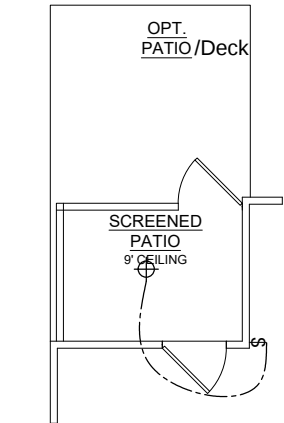
ELECTRICAL SCHEDULE	
SYMBOL	DESCRIPTION
\$	SINGLE POLE SWITCH
\$3	3 WAY SWITCH
\$4	4 WAY SWITCH
\$Z	WIFI SMART SWITCH
\$Z3	3 WAY WIFI SMART SWITCH
⊕	110V OUTLET
⊕	110V HALF HOT OUTLET
⊕U	110V OUTLET W/ USB
⊕	220V OUTLET
⊕	WALL/ COUNTERTOP OUTLET
⊕	DEDICATED OUTLET
■	MEDIA JACK
⊕	CEILING MOUNT FIXTURE
⊕	WALL MOUNT FIXTURE
⊕	HANGING
⊙	LED DISK
⊙	RECESSED CAN
T	THERMOSTAT
⊙	EXHAUST FAN
▭	FLUORESCENT
SP	SECURITY PANEL
WP	WIRELESS ACCESS POINT
GD	GARBAGE DISPOSAL
B	BUTTON
G	GARAGE DOOR OPENER
DB	DOOR BELL
CH	DOOR CHIME
SD	SMOKE DETECTOR
SCD	SMOKE & CARBON DIOXIDE DETECTOR
LP	LOW VOLT PANEL
EM	ELECTRICAL METER
EP	ELECTRICAL PANEL
UC	UNDER CABINET LIGHT FIXTURE
FL	FLOOD LIGHT
⊕	CEILING FAN W/ LIGHT
NOTES/ ABBREVIATIONS	
WP	WATER PROOF
GFI	GROUND FAULT INTERCEPTOR



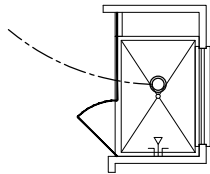
1ST FLR. ELEC. PLAN "C"

SCALE: 1/8" = 1'-0"

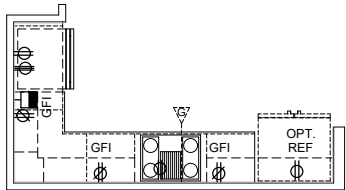
Wellers Knoll Lot 8



OPT. SCREENED PATIO



OPT. SPA SHOWER



OPT. GOURMET KITCHEN



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PLAN NAME: DAPHNE LH

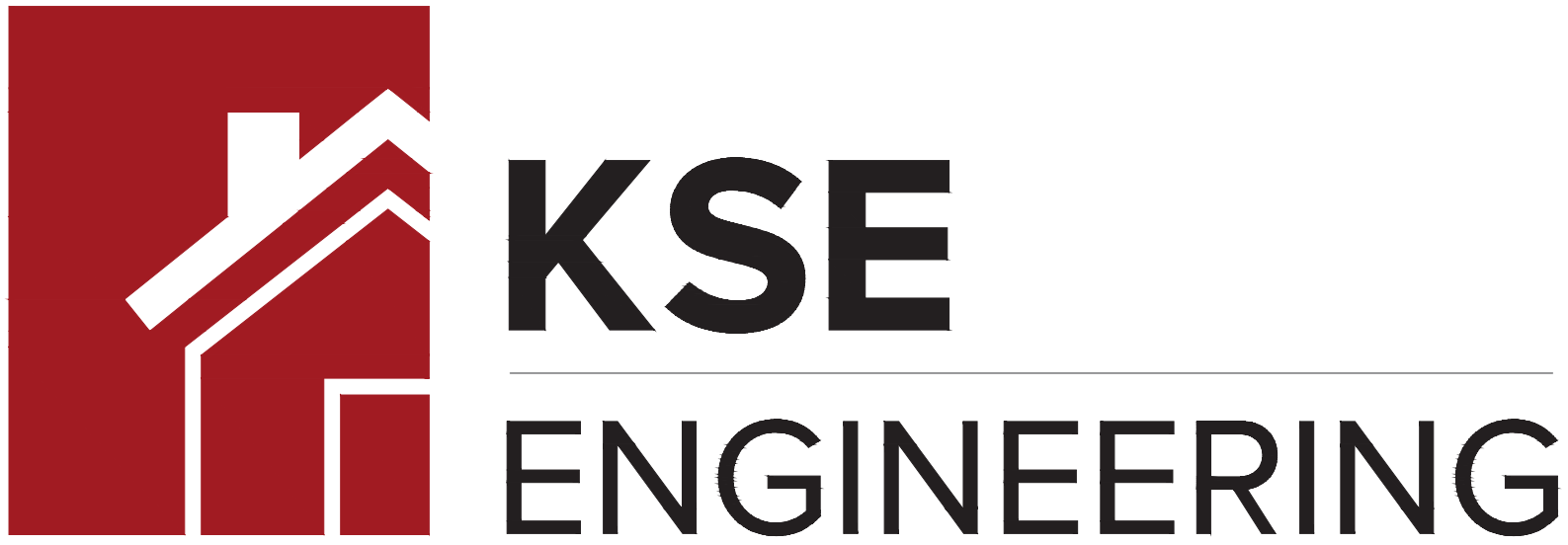
SUBDIVISION: ---

LOT#: ---

REVISION NO. 8
BY DAN.REID
REVISION DATE 2023-10-17

FIRST FLOOR
ELECTRICAL PLAN

SHEET NO.
E-1.0C



1900 AM DRIVE, SUITE 201, QUAKERTOWN, PA 18951
www.kse-eng.com (215) 804-4449

Daphne Model LH RALEIGH, NORTH CAROLINA

THESE DRAWINGS ARE TO BE USED IN CONJUNCTION WITH AND COORDINATED WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. THIS COORDINATION IS NOT THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER OF RECORD (SER). SHOULD ANY DISCREPANCIES BECOME APPARENT, THE CONTRACTOR SHALL NOTIFY KSE ENGINEERING, P.C. BEFORE CONSTRUCTION BEGINS. IT IS THE INTENT OF THE ENGINEER LISTED ON THESE DOCUMENTS THAT THESE DOCUMENTS BE ACCURATE, PROVIDING LICENSED PROFESSIONALS CLEAR INFORMATION. EVERY ATTEMPT HAS BEEN MADE TO PREVENT ERROR. THE BUILDER AND ALL SUBCONTRACTORS ARE REQUIRED TO REVIEW ALL OF THE INFORMATION CONTAINED IN THESE DOCUMENTS PRIOR TO THE COMMENCEMENT OF ANY WORK. THE ENGINEER IS NOT RESPONSIBLE FOR ANY PLAN ERRORS, OMISSIONS, OR MISINTERPRETATIONS UNDETECTED AND NOT REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION. ALL CONSTRUCTION MUST BE IN ACCORDANCE TO THE INFORMATION FOUND IN THESE DOCUMENTS.

DESIGN SPECIFICATIONS:

DESIGN BUILDING CODE (REFERRED TO HEREIN AS 'THE BUILDING CODE'):

- 2018 NORTH CAROLINA RESIDENTIAL CODE. WALL BRACING PER INTERNATIONAL RESIDENTIAL CODE 2015 EDITION.

DESIGN LIVE LOADS:

- ROOF = 20 PSF (LOAD DURATION FACTOR=1.25)
- UNINHABITABLE ATTICS WITH LIMITED STORAGE = 20 PSF (WHERE SPECIFIED ON PLANS)
- HABITABLE ATTICS AND ATTICS SERVED WITH FIXED STAIRS = 30 PSF
- FLOOR = 40 PSF
- FLOOR (SLEEPING AREAS) = 30 PSF
- DECK/BALCONY = 40 PSF
- STAIRS = 40 PSF

DESIGN DEAD LOADS:

- ROOF TRUSS = 17 PSF (TC=7, BC=10)
- FLOOR TRUSS = 15 PSF (TC=10, BC=5)
- FLOOR JOIST = 10 PSF
- STANDARD BRICK = 40 PSF
- QUEEN ANNE BRICK = 25 PSF

NOTE: STRUCTURAL FRAMING HAS NOT BEEN DESIGNED FOR TILE, GRANITE, MARBLE OR OTHER MATERIALS HEAVIER THAN THE ABOVE LOADING UNLESS SPECIFICALLY NOTED ON PLANS..

DESIGN WIND LOADS:

- ULTIMATE WIND SPEED = 120 MPH
- EXPOSURE CATEGORY = B

ASSUMED SOIL BEARING CAPACITY = 2000 PSF

ASSUMED LATERAL SOIL PRESSURE = 45 PCF

FROST DEPTH = 12" MINIMUM

SEISMIC DESIGN CATEGORY = B

ENGINEERED LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN VALUES:

- TJI 210 SERIES (SERIES AND SPACING PER PLANS)
- LSL: E=1,550,000 PSI, F_b=2,325 PSI, F_v=310 PSI, F_c=900 PSI
- LVL: E=2,000,000 PSI, F_b=2,600 PSI, F_v=285 PSI, F_c=750 PSI
- PSL: E=2,000,000 PSI, F_b=2,900 PSI, F_v=290 PSI, F_c=625 PSI

THIS PLAN HAS BEEN DESIGNED PER THE 2018 EDITION OF THE NC RESIDENTIAL CODE. WHERE FRAMING, FOUNDATION, OR OTHER STRUCTURAL ITEMS DO NOT COMPLY WITH THE PRESCRIPTIVE METHODS OF THE CODE, THOSE ITEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICE PER NCRC R301.1.3.

Wellers Knoll Lot 8

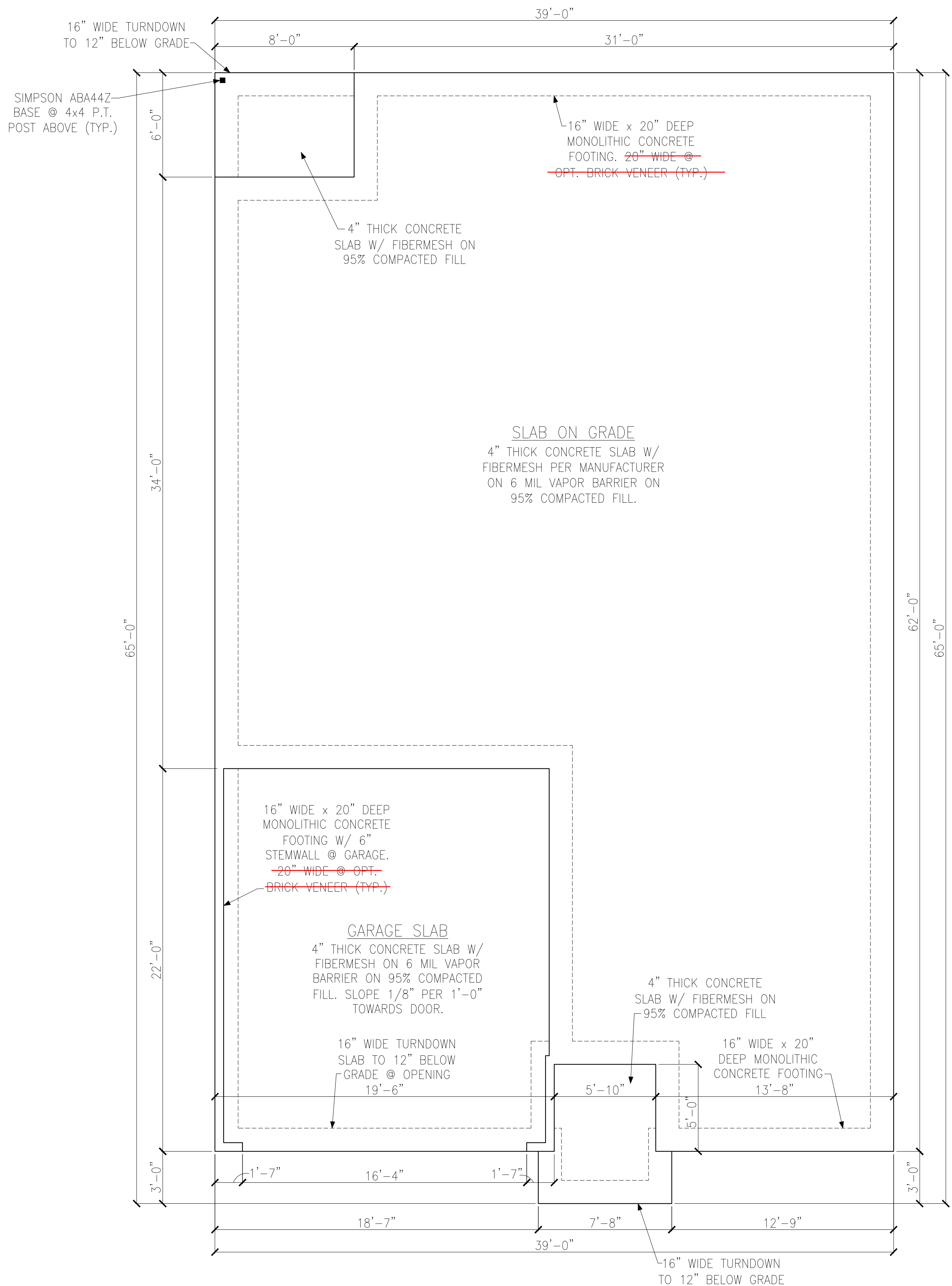


Cover Sheet

Daphne Model – LH
Up To 120 M.P.H.
Raleigh, North Carolina

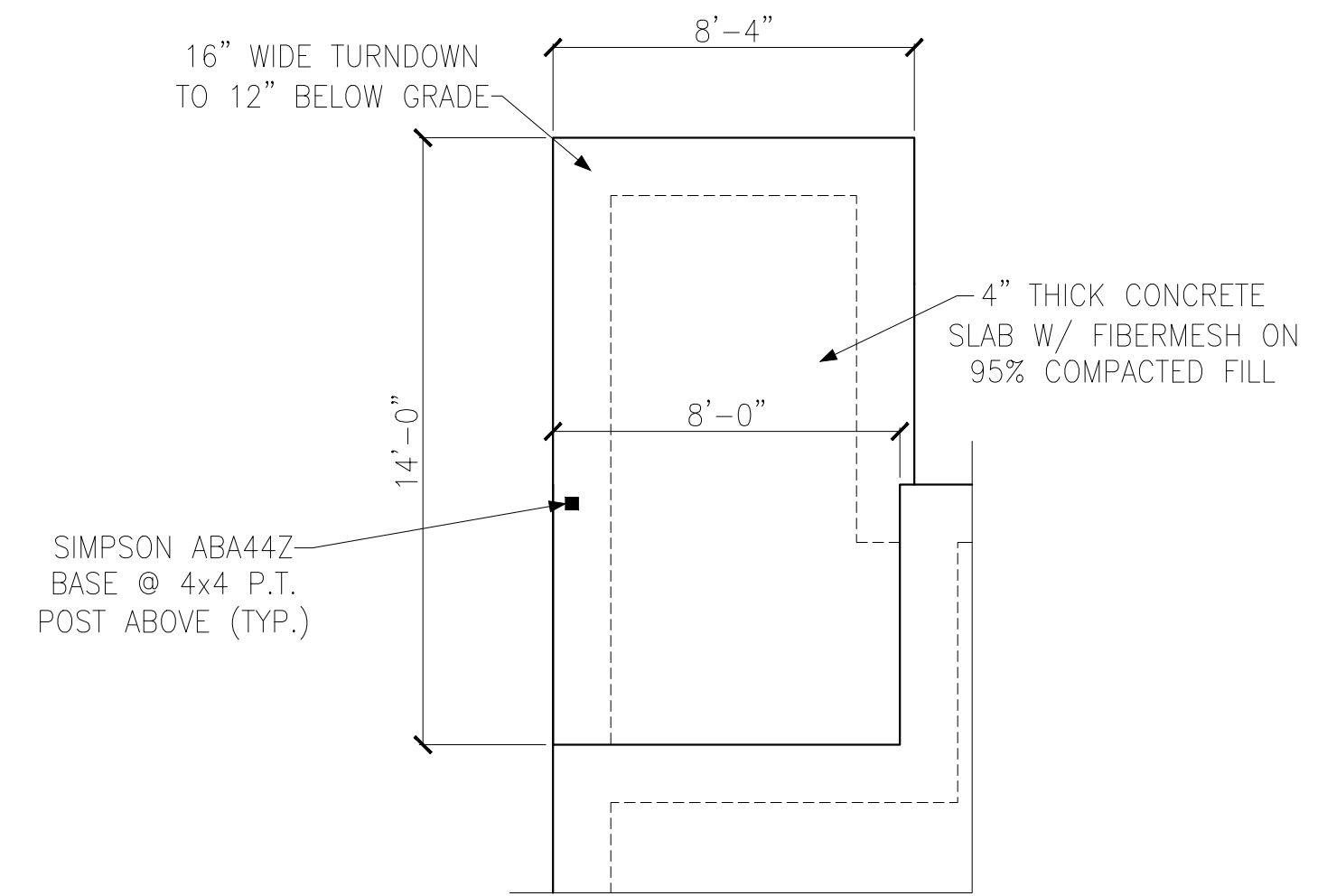
Project #: 214-23001
Designed By:
Checked By:
Issue Date: 6/20/23
Re-Issue: 10/11/23
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34

S-0



MONOLITHIC SLAB FOUNDATION PLAN

ELEVATION 'C'



PARTIAL FOUNDATION PLAN

OPT. EXT. PATIO

LEGEND

★

⇒

PROVIDE SOLID BLOCKING WITHIN FLOOR SYSTEM TO MATCH POST SIZE ABOVE.

⇒

BEARING WALL ABOVE

|||||

⇒

INTERIOR BEARING WALL

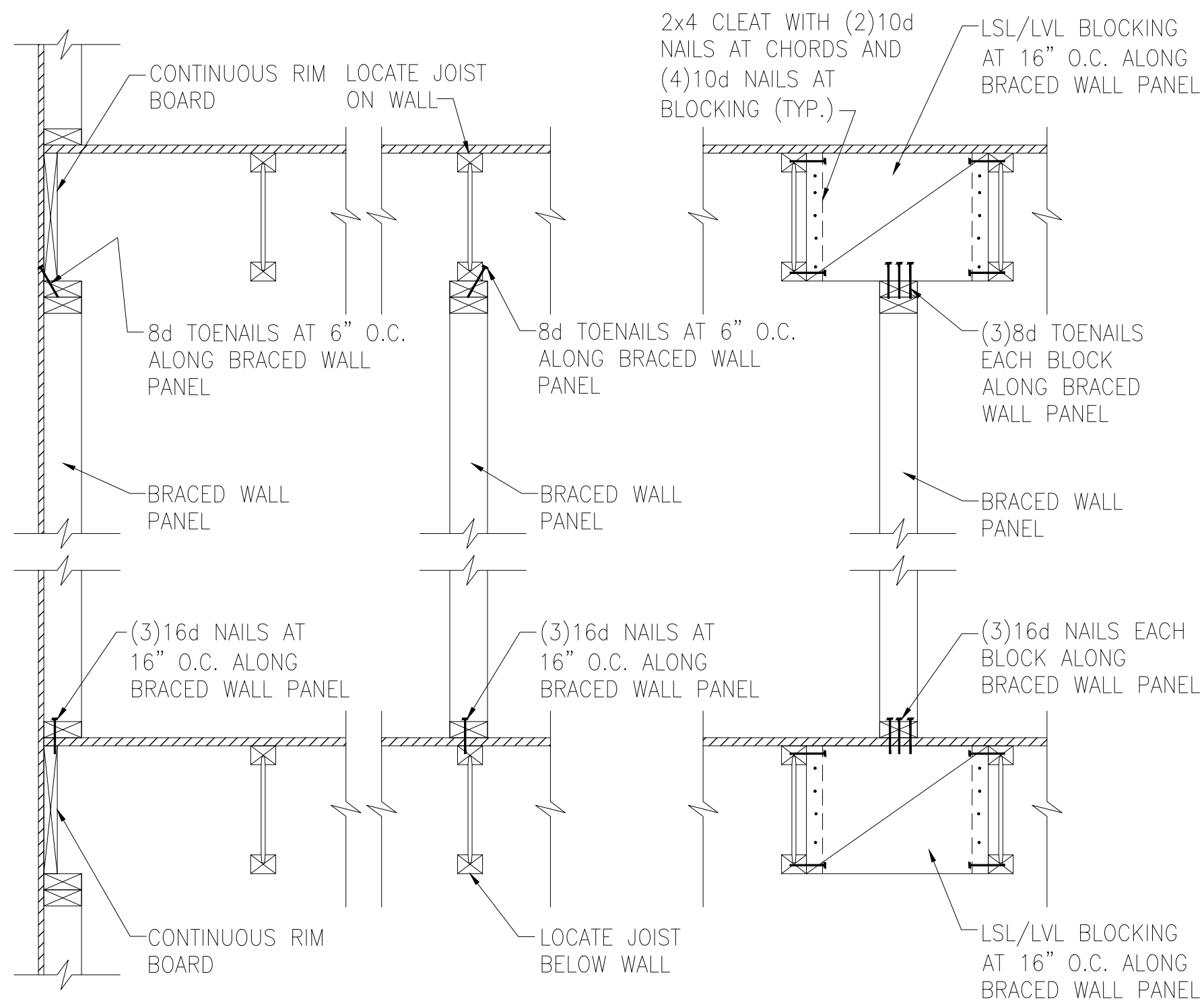
48" WSP

⇒

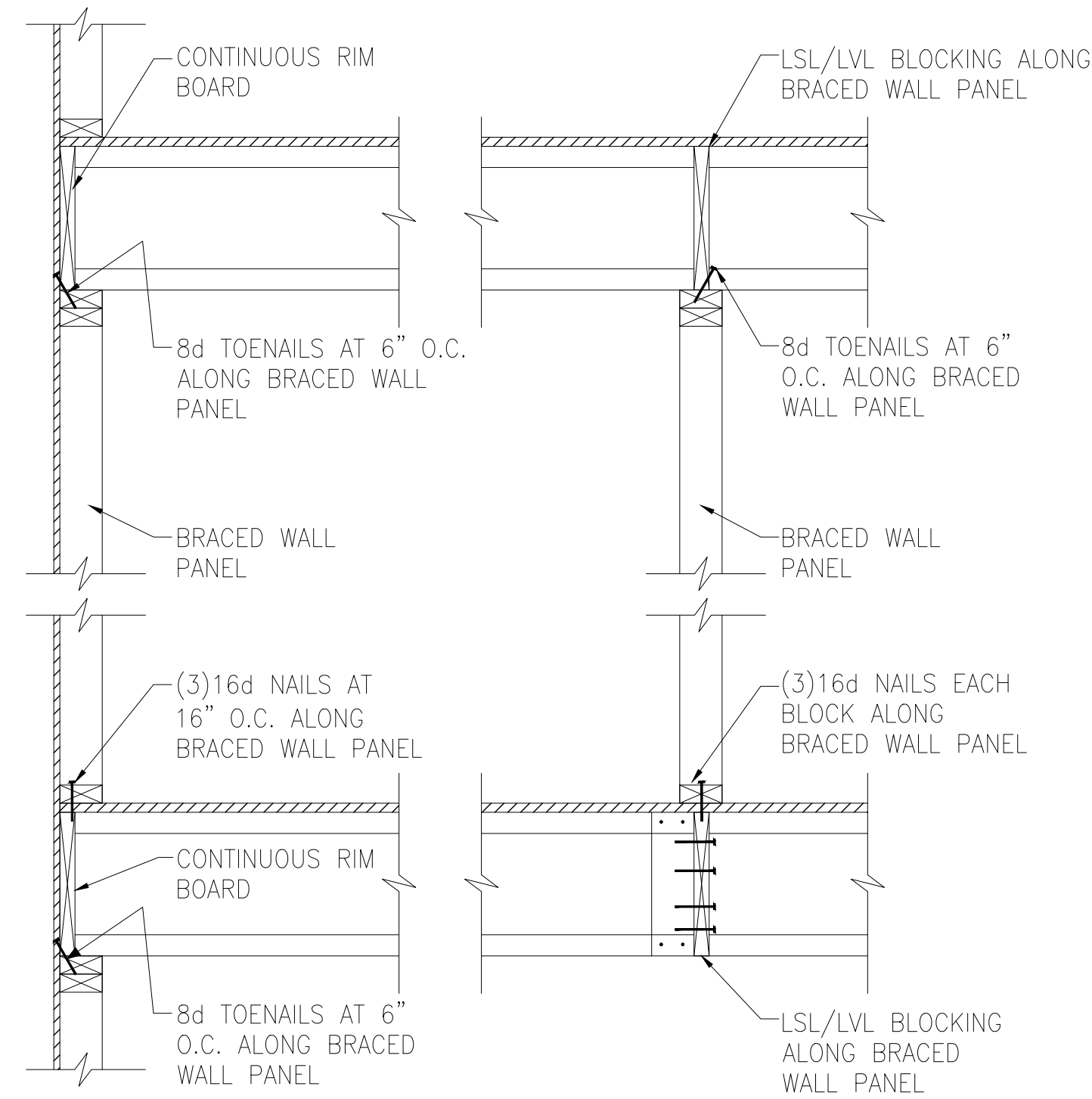
BRACED WALL PANEL (SEE KSE STRUCTURAL DETAILS SET FOR BRACED WALL PANEL SHEATHING FASTENING & BLOCKING DETAILS)

REFER TO KSE STRUCTURAL DETAILS SET FOR GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS

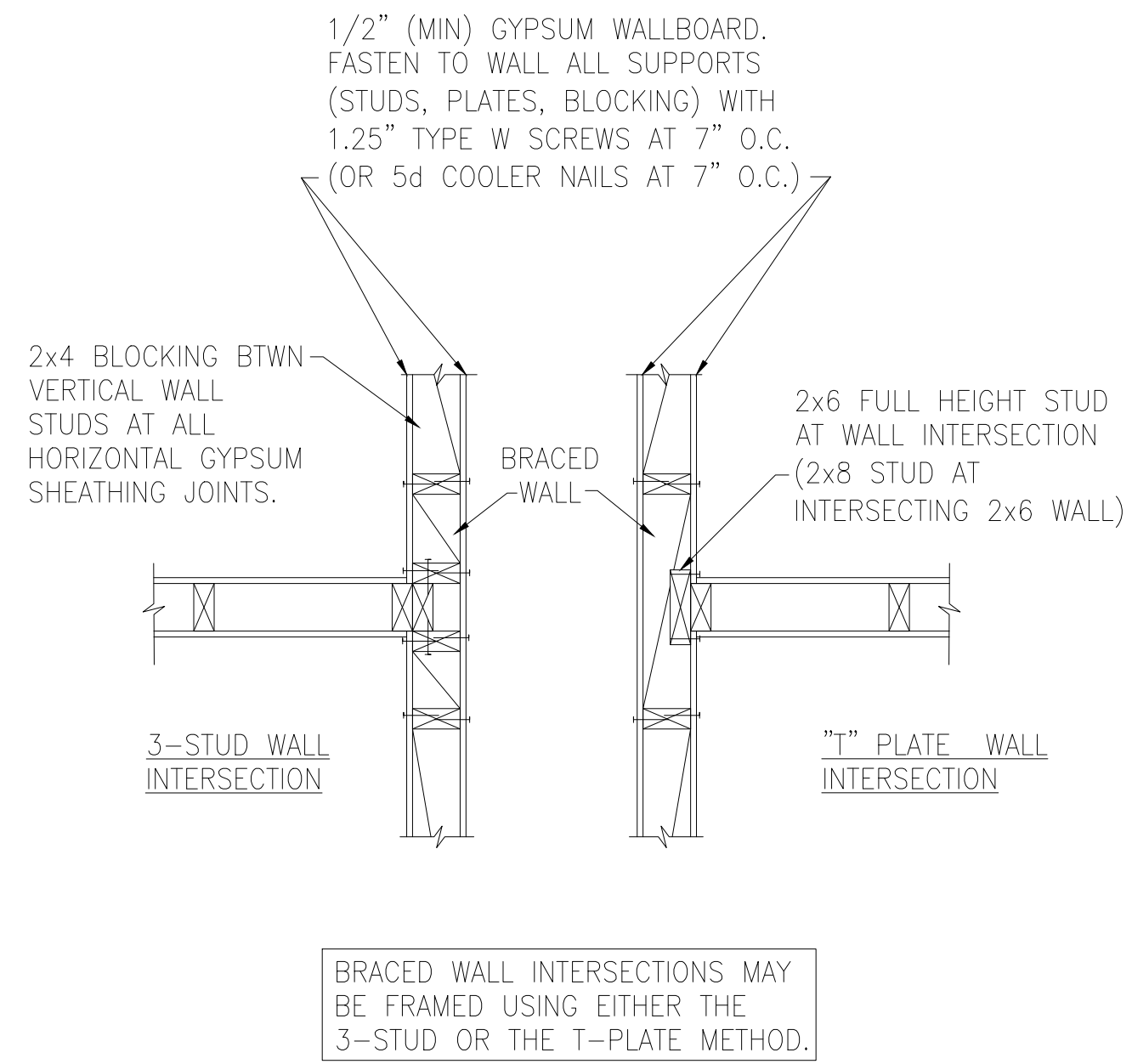




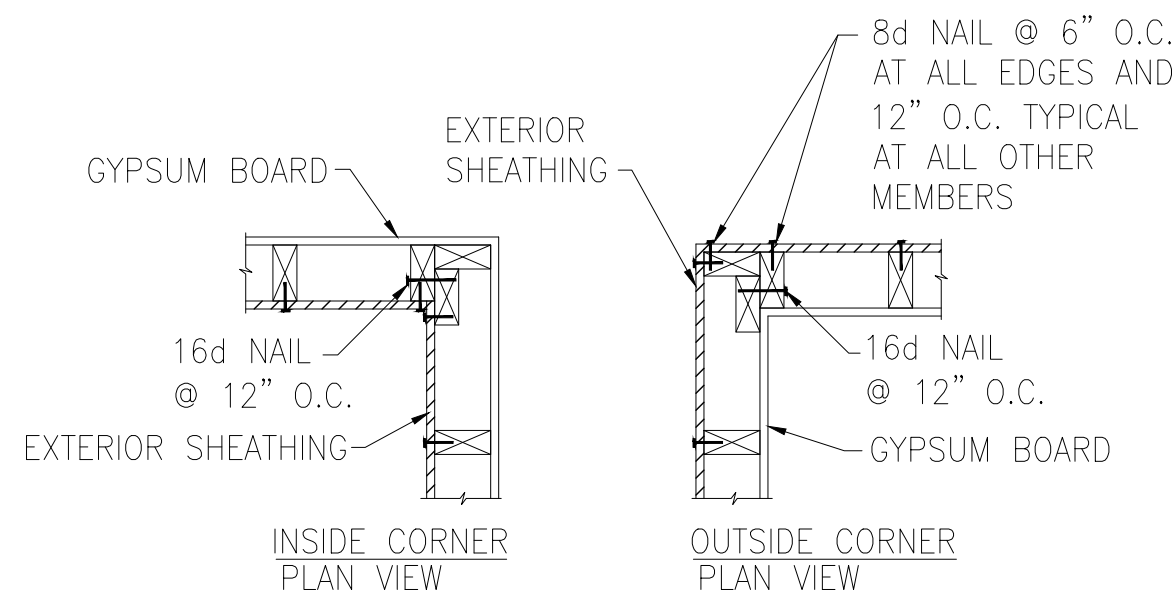
A TYPICAL BRACED WALL PANEL TO FLOOR/CEILING CONNECTION
BRACED WALL PANELS PARALLEL TO I-JOISTS



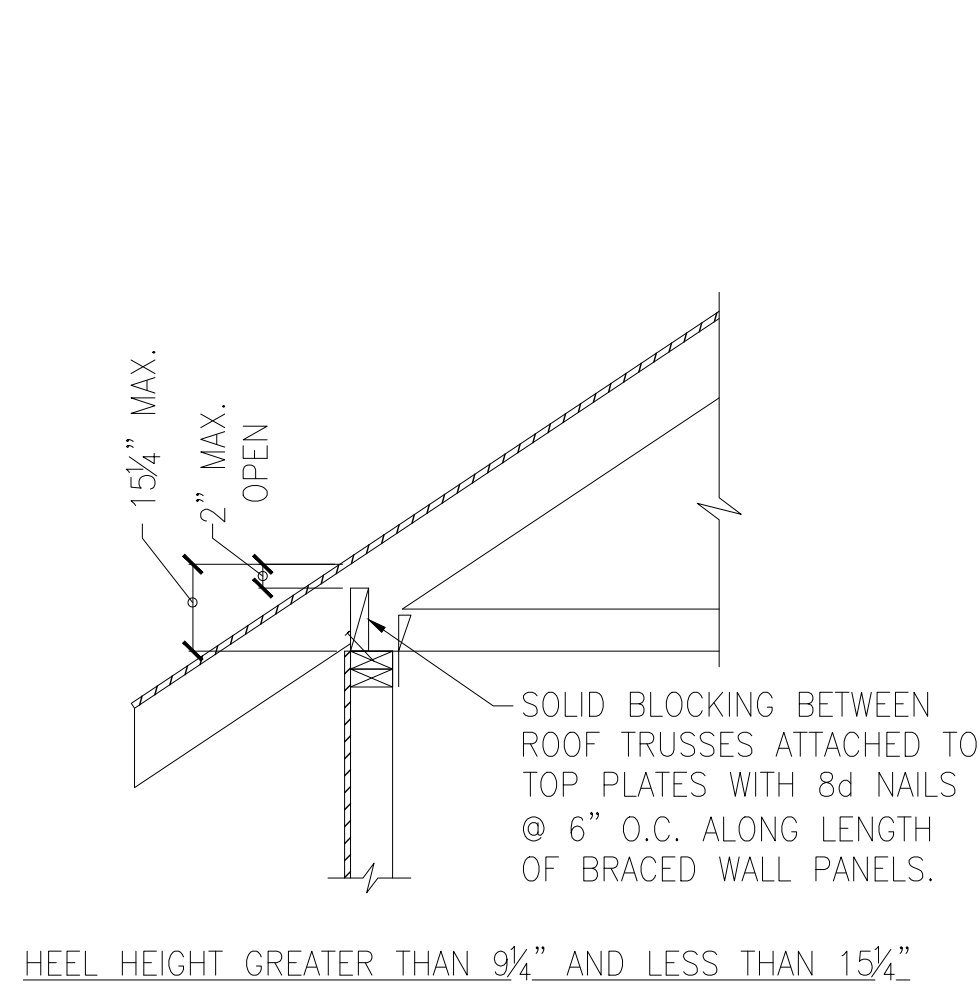
B TYPICAL BRACED WALL PANEL TO FLOOR/CEILING CONNECTION
BRACED WALL PANELS PERPENDICULAR TO I-JOISTS



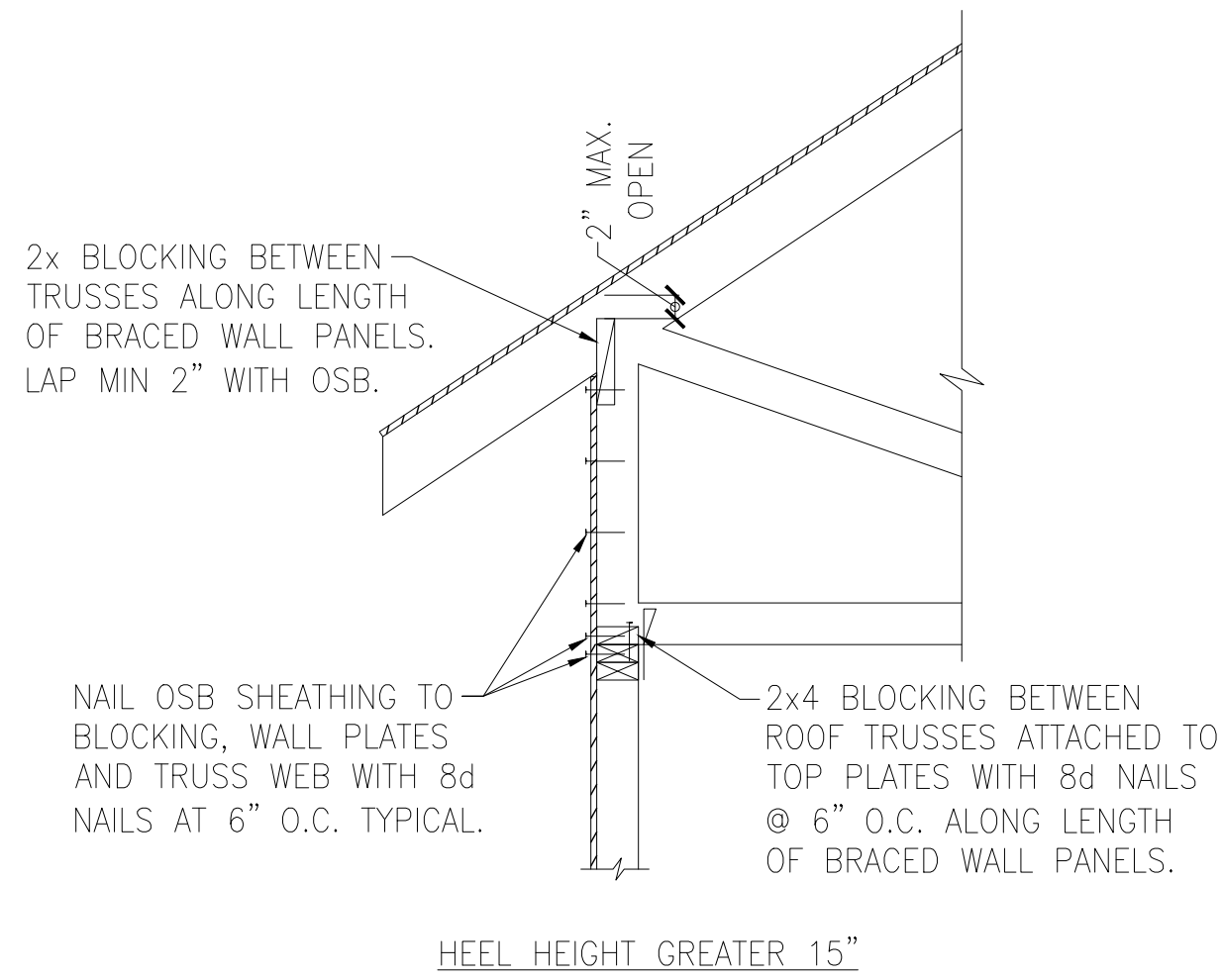
C METHOD GB(1) AND GB(2) INTERSECTION DETAILS

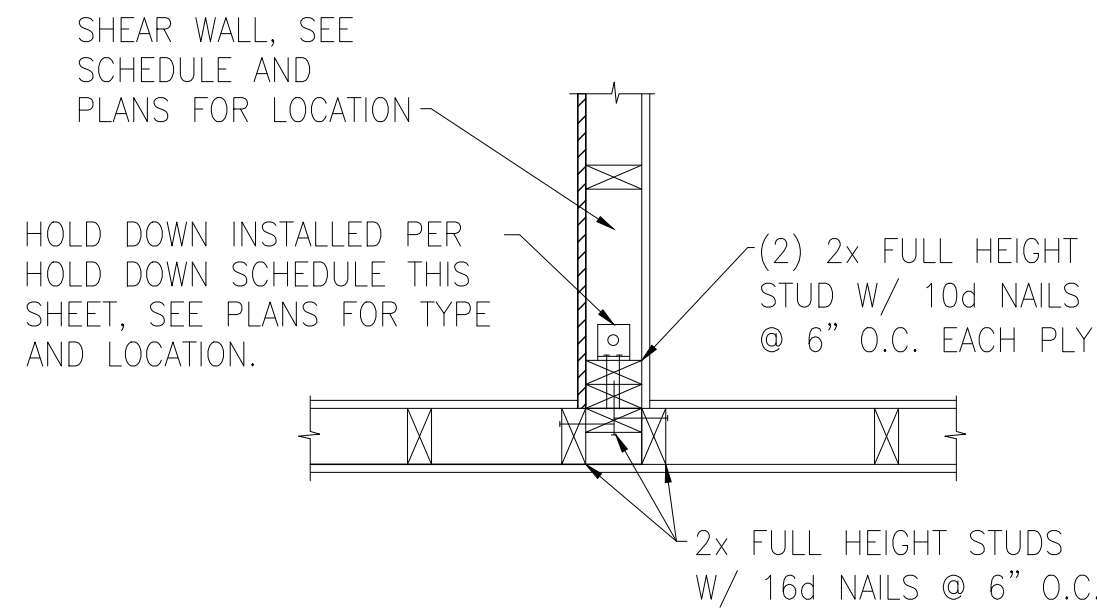


D TYPICAL EXTERIOR CORNER WALL FRAMING

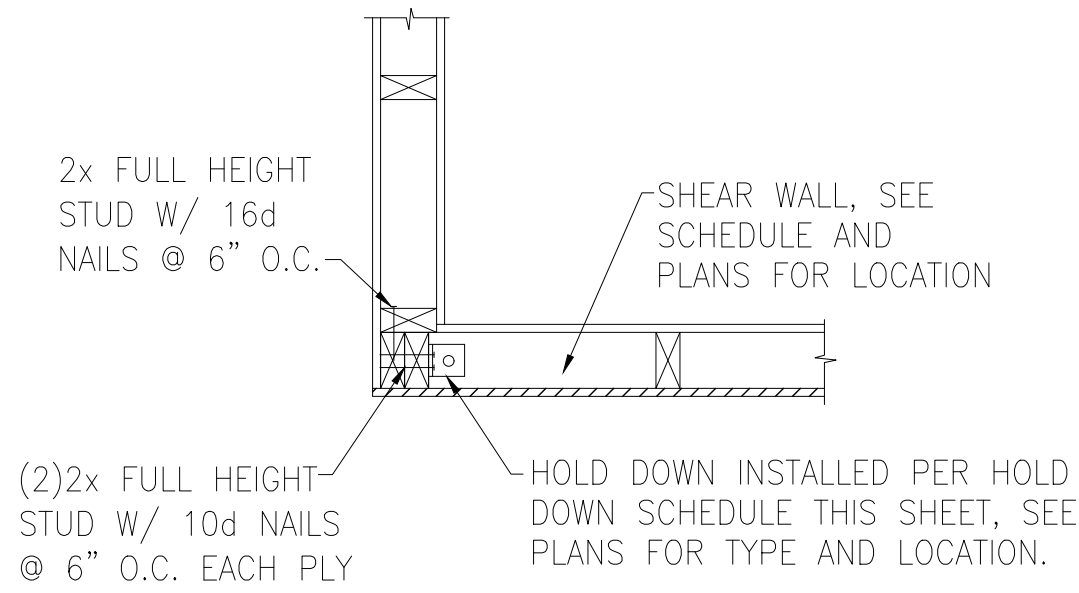


E ROOF TRUSS BEARING/BLOCKING AT BRACED WALL PANELS
ONLY REQUIRED AT BRACED WALL PANELS

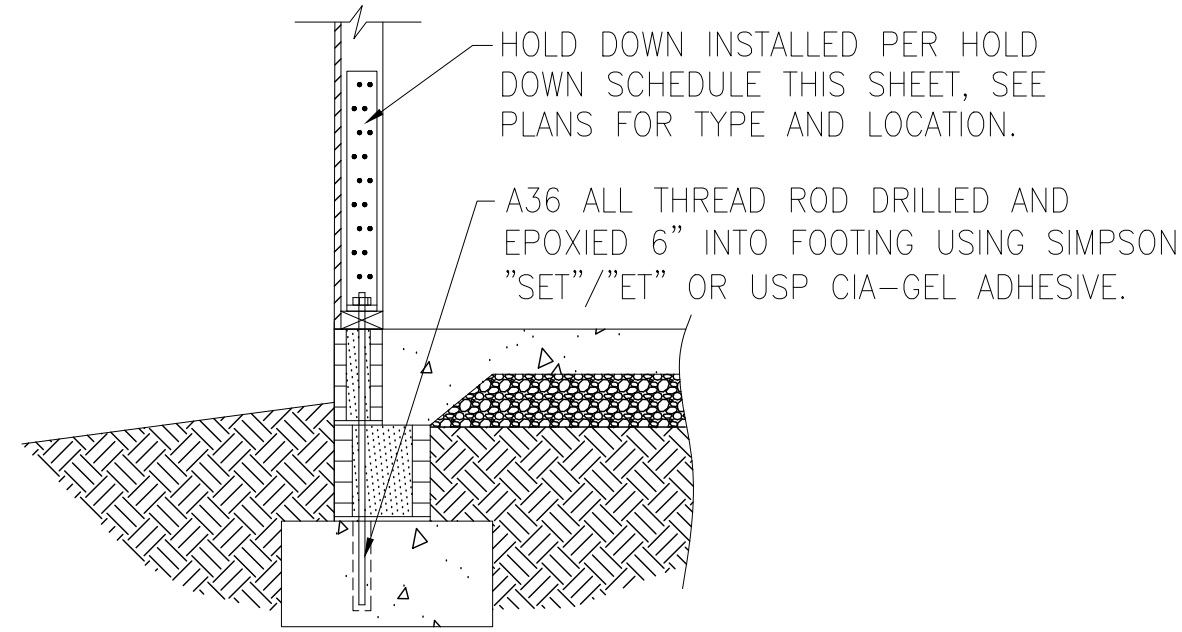




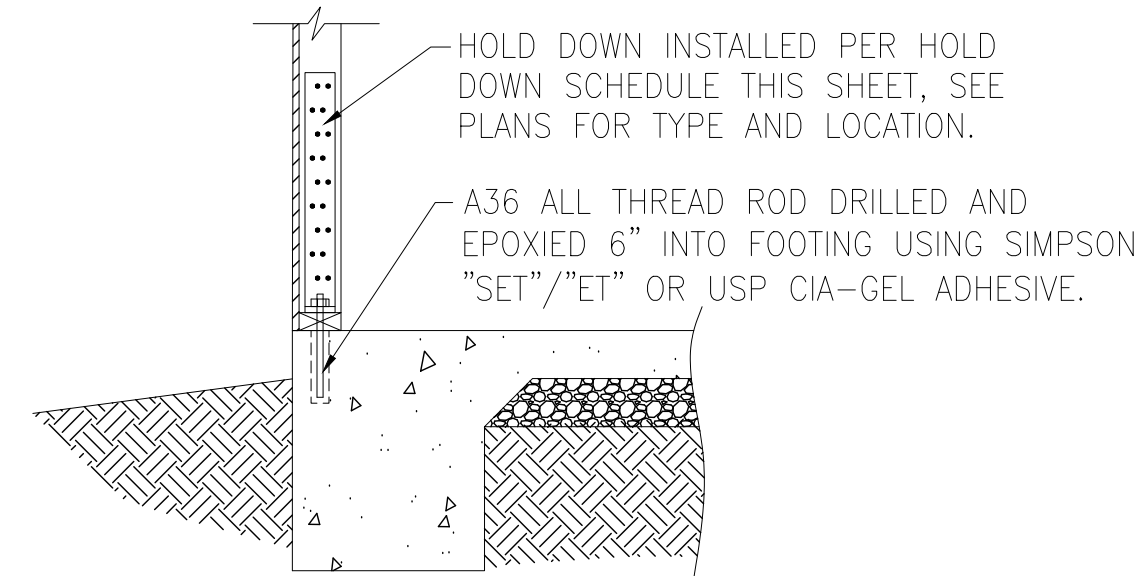
A TYPICAL HOLD DOWN DETAIL



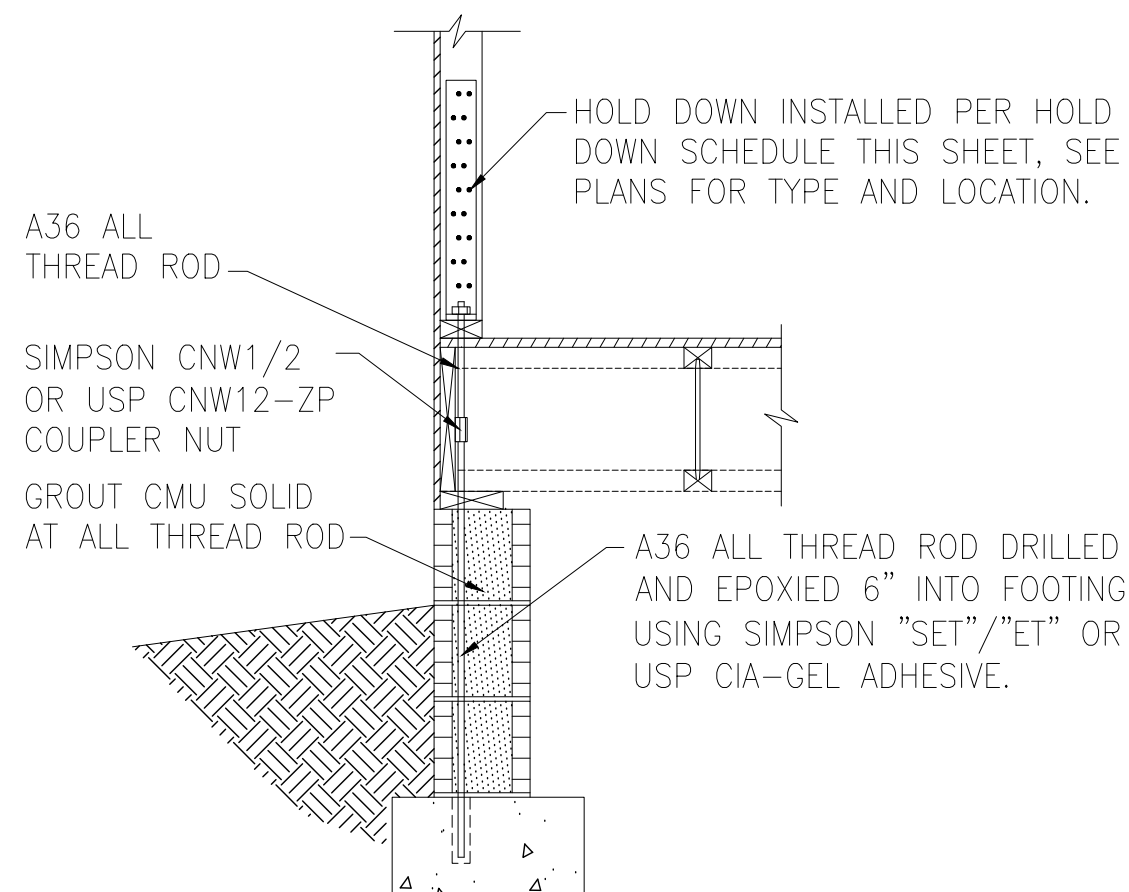
B TYPICAL HOLD DOWN DETAIL



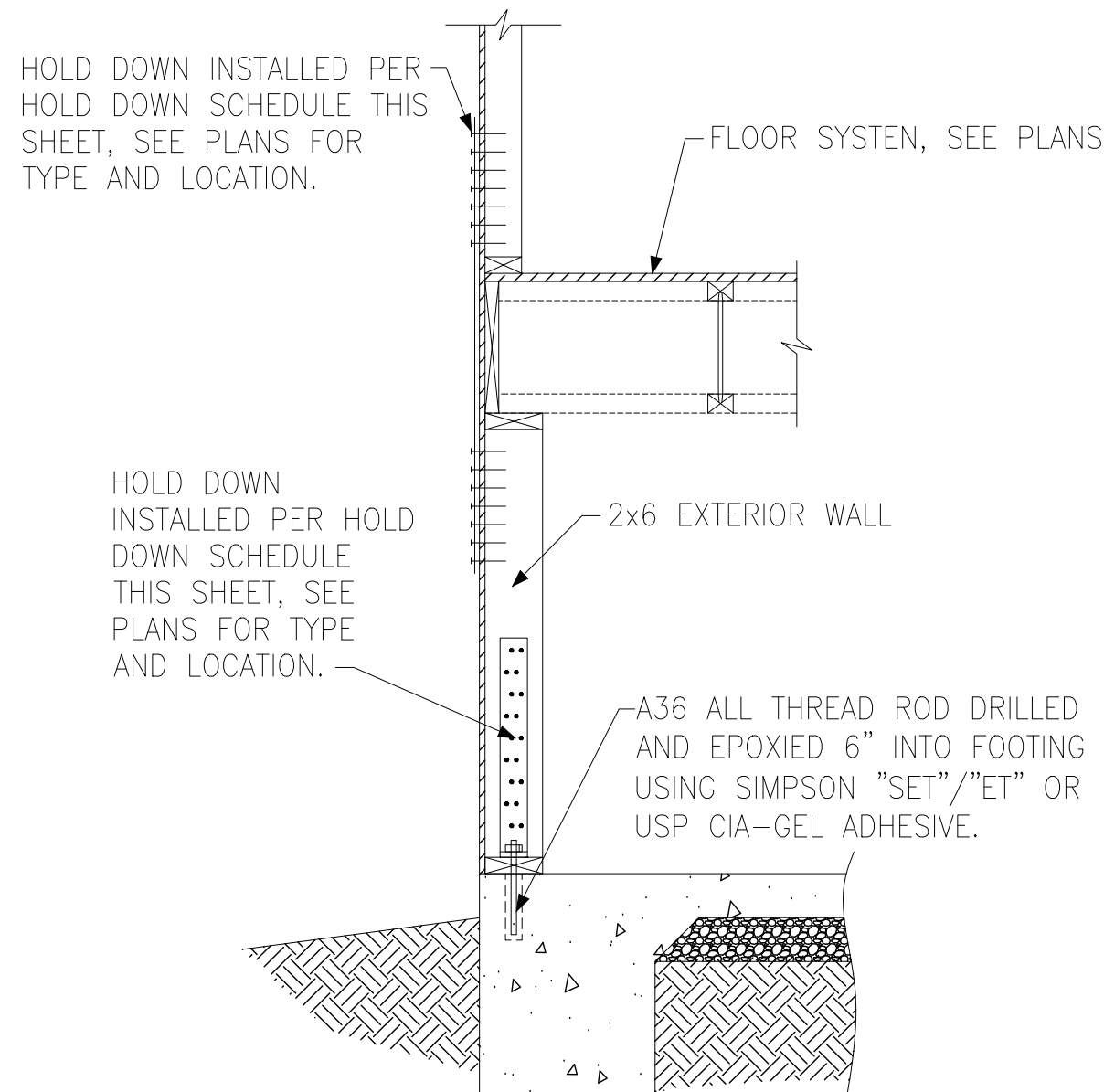
C HOLD DOWN AT STEMWALL SLAB FOUNDATION



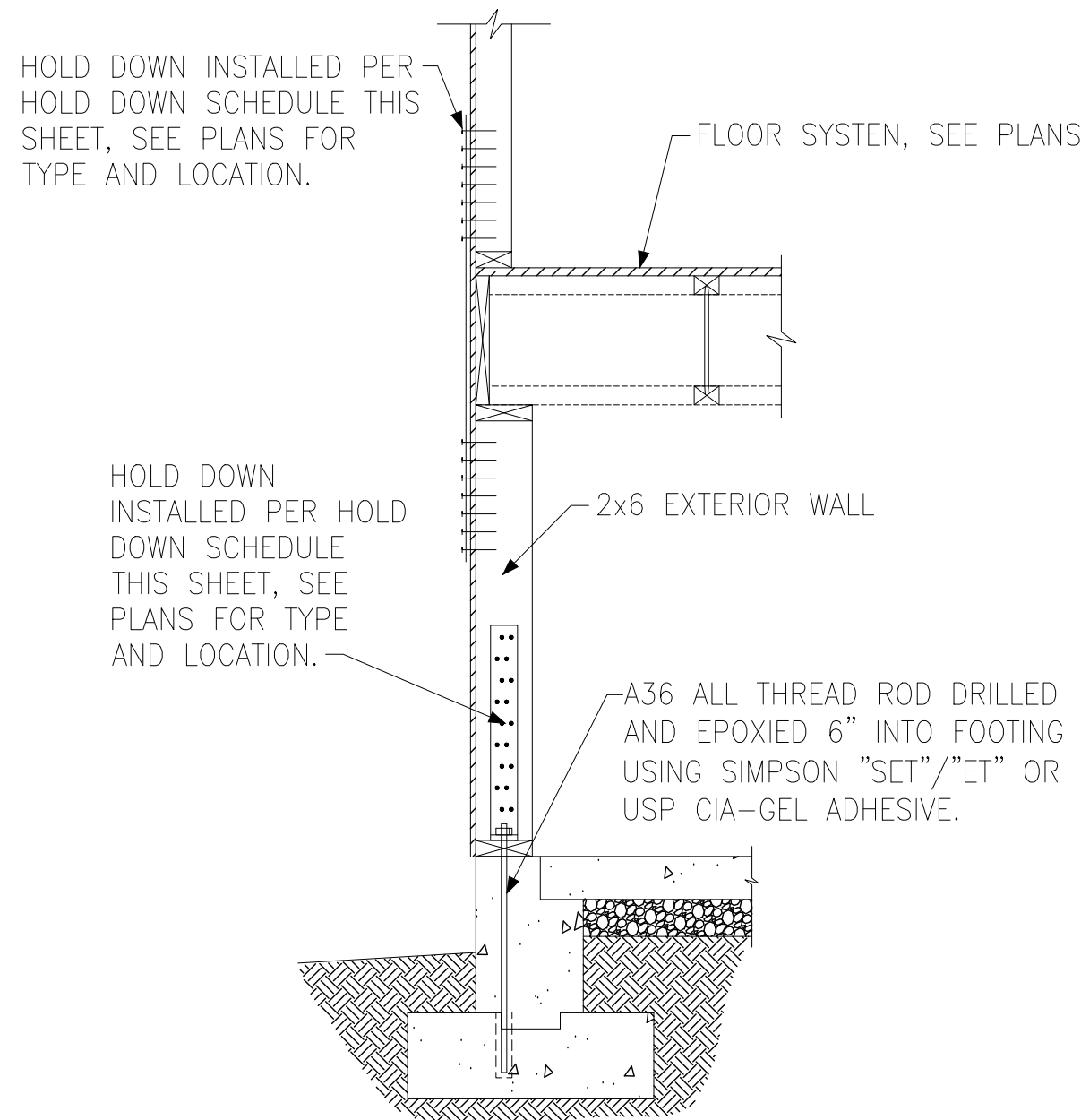
D HOLD DOWN AT MONOLITHIC SLAB FOUNDATION



E HOLD DOWN AT CRAWL SPACE FOUNDATION

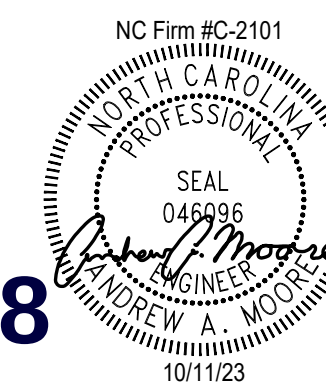


F HOLD DOWN AT BASEMENT FOUNDATION MONOLITHIC TURN-DOWN



G HOLD DOWN AT BASEMENT FOUNDATION STEM WALL

HOLD DOWN SCHEDULE			
HOLD DOWN		ALL THREAD ROD	FASTENERS
SIMPSON	USP		
LTP2	LTS20B	½" DIA.	(12)0.148"x2.5" LONG NAILS
HTT4	HTT16	⅝" DIA.	(18)0.162"x2.5" LONG NAILS
HTT5	HTT45	⅝" DIA.	(26)0.162"x2.5" LONG NAILS



Wellers Knoll Lot 8

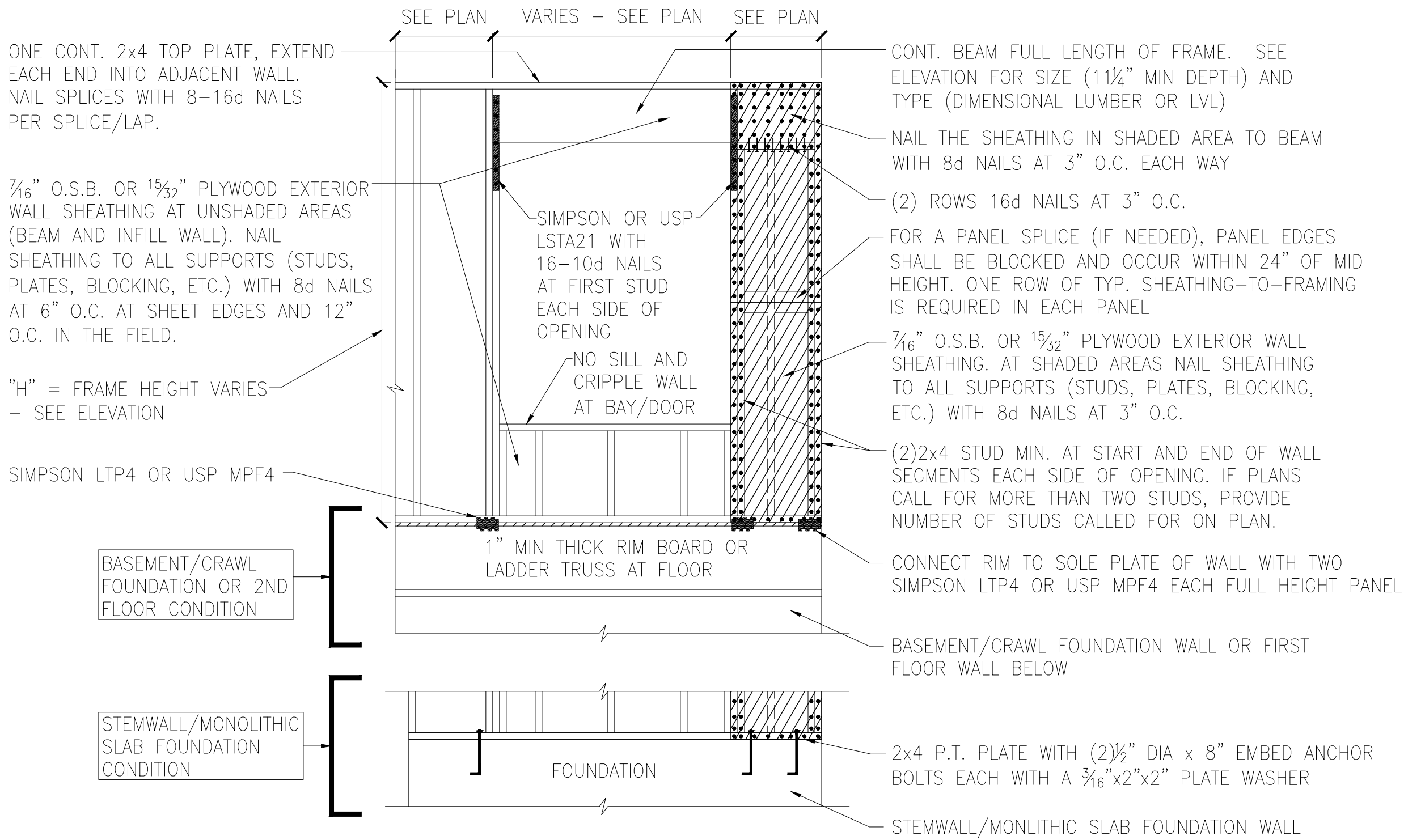


Hold Down Details

Up to 120 M.P.H.
Raleigh, North Carolina

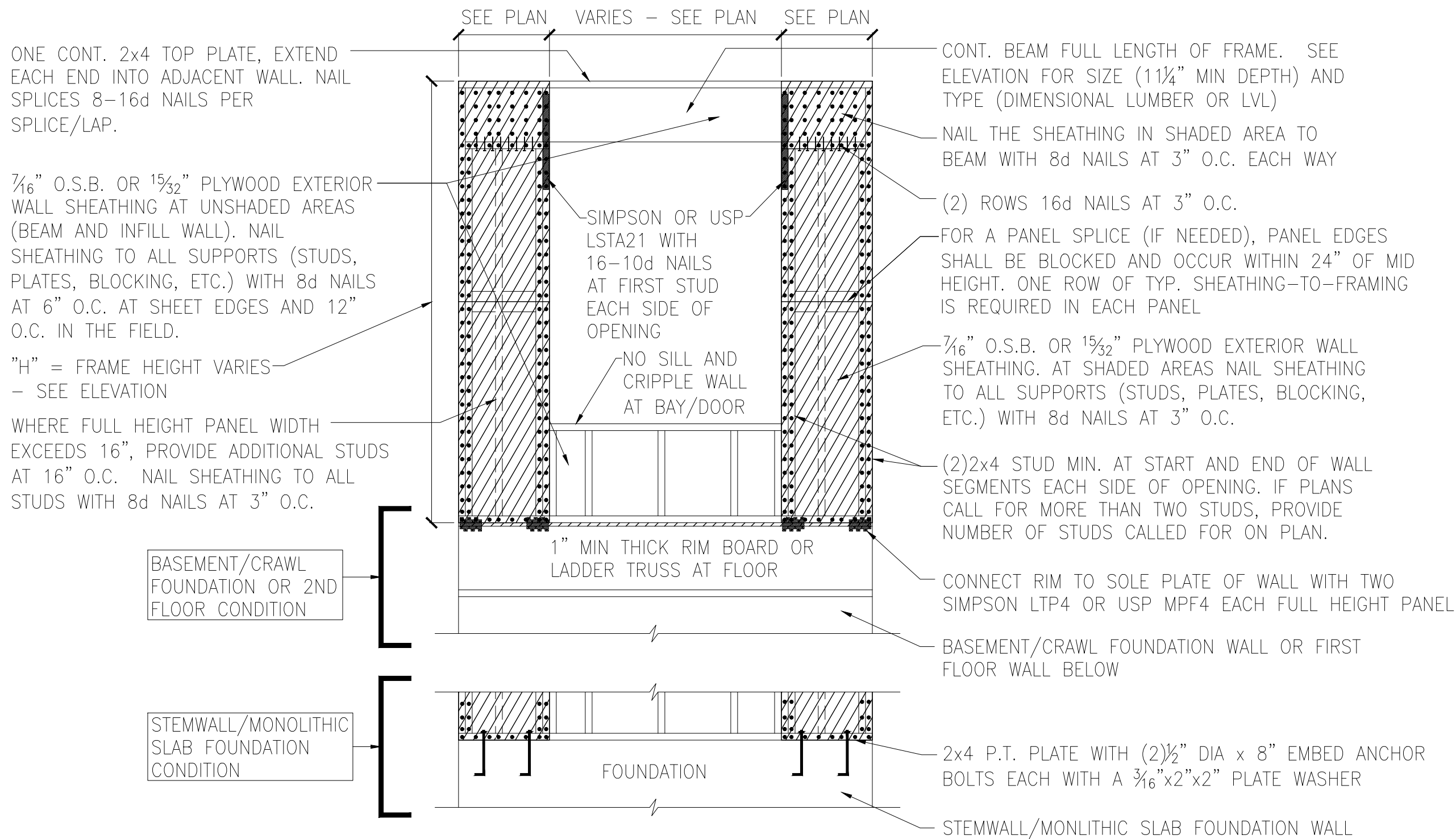
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Designed By: KRK
Checked By:
Issue Date: 3/6/23
Re-Issue:
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34

SD-2

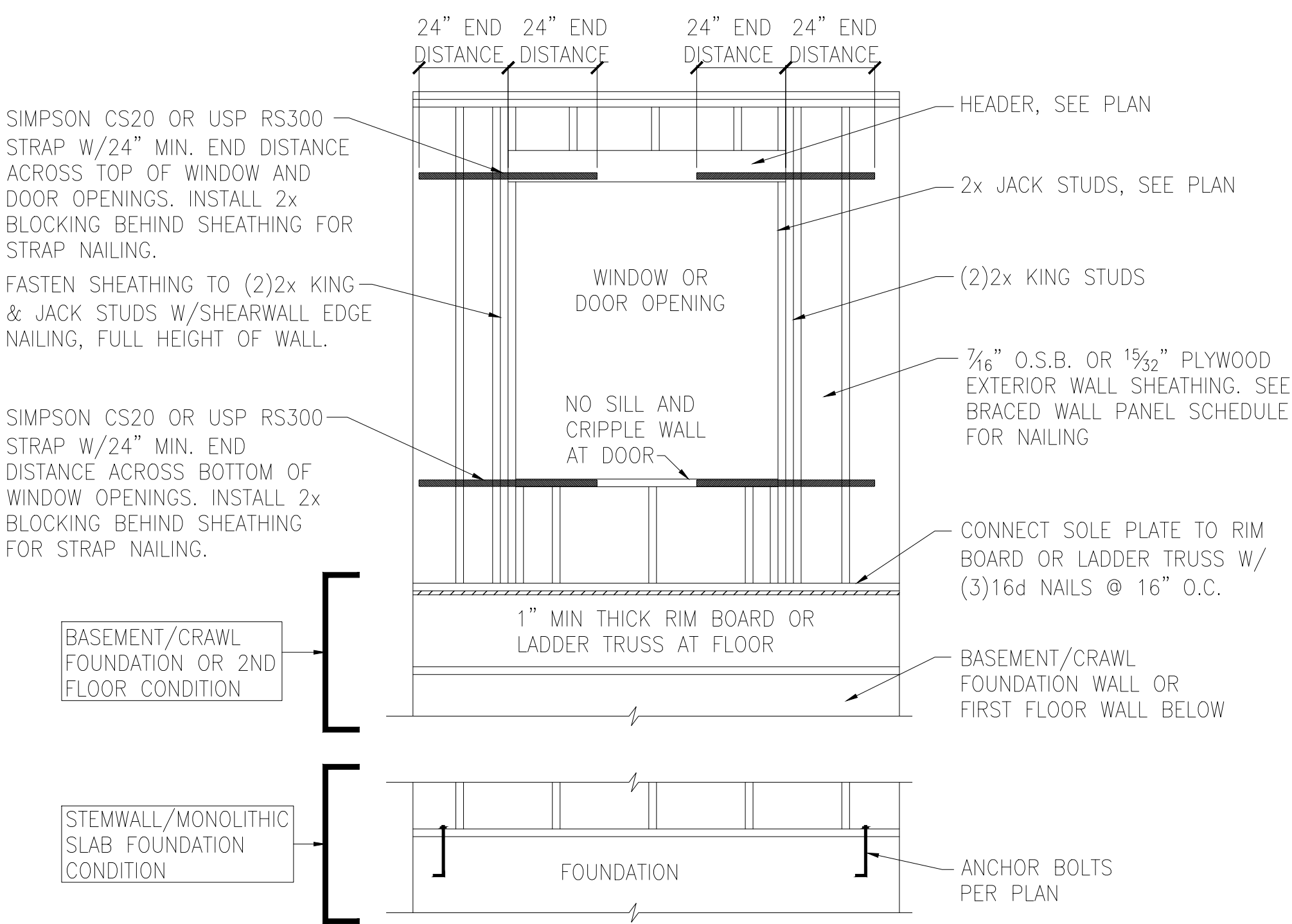


A METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
ONE BRACED WALL SEGMENT

Wellers Knoll Lot 8



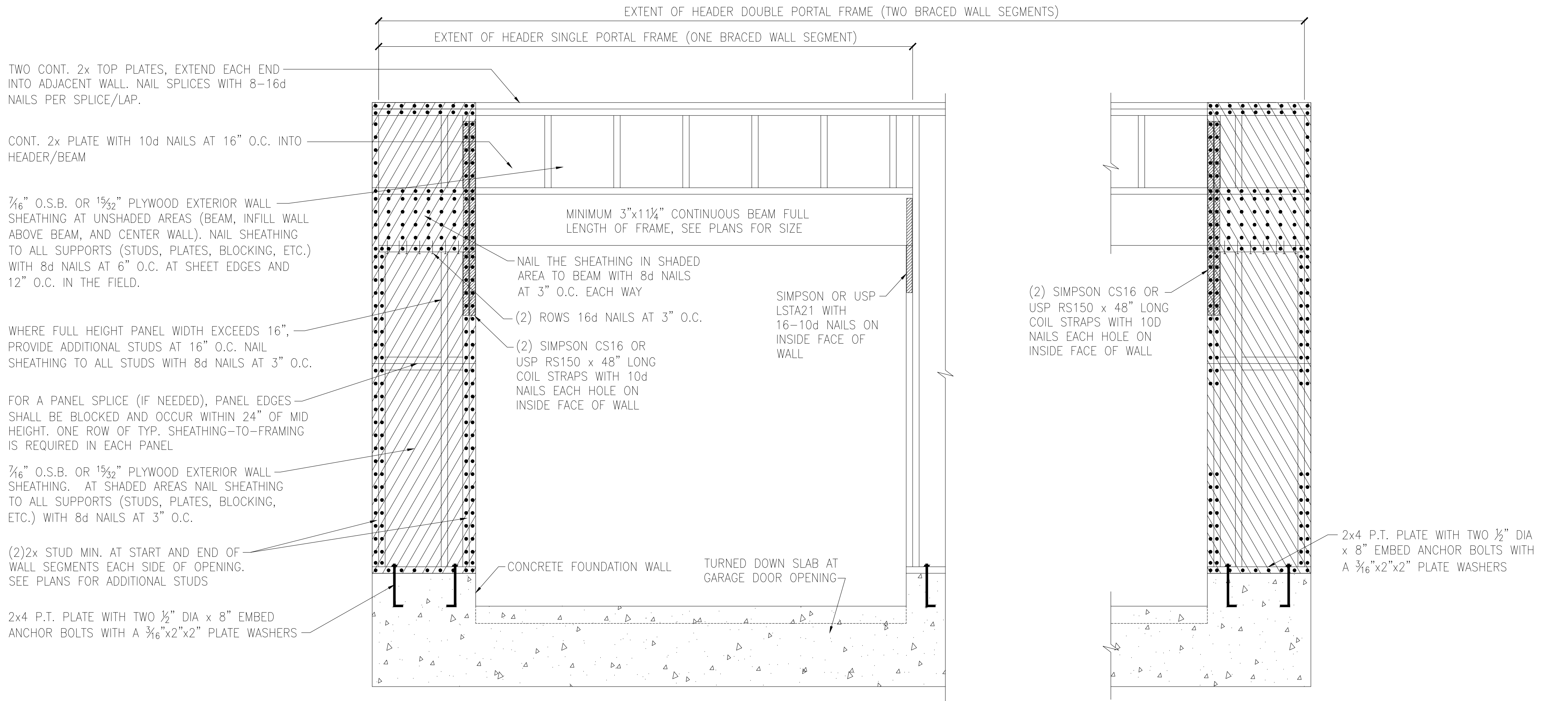
B METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
TWO BRACED WALL SEGMENTS



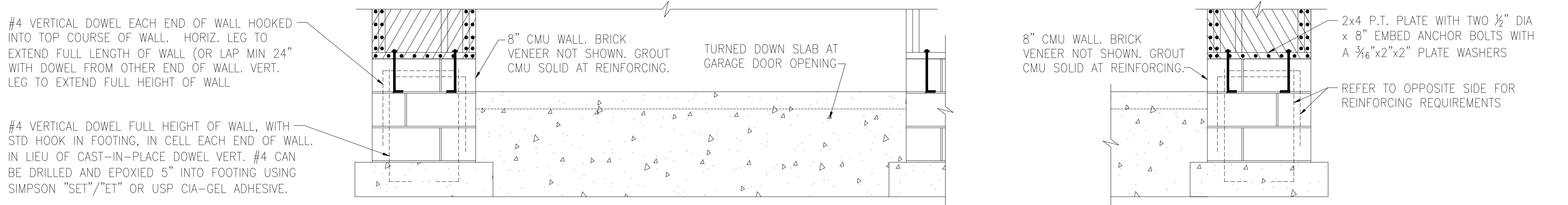
C WINDOW OR DOOR REINFORCEMENT IN ENGINEERED SHEAR WALL
ONLY REQUIRED WHERE SPECIFIED ON PLANS

BRACED WALL PANEL AND ENGINEERED SHEAR WALL SCHEDULE			
PANEL TYPES	PANEL TYPE	MATERIAL	FASTENERS
WSP	INTERMITTENT WOOD STRUCTURAL PANEL	7/16" OSB	6D OR 8D COMMON NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. ENGINEERED ALTERNATIVE: 16 GAGE BY 1.75" LONG STAPLES AT 3" O.C. AT SHEET EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS
GB(1)	INTERMITTENT GYPSUM BOARD (SHEATHING ONE FACE OF WALL)	1/2" GYPSUM	1.5" LONG GALV. ROOFING NAILS, 6d COMMON NAILS, OR 1.25" LONG TYPE W DRYWALL SCREWS AT 7" O.C. AT SHEET EDGES AND INTERMEDIATE SUPPORTS.
GB(1)-4	INTERMITTENT GYPSUM BOARD (SHEATHING ONE FACE OF WALL)	1/2" GYPSUM	1.5" LONG GALV. ROOFING NAILS, 6d COMMON NAILS, OR 1.25" LONG TYPE W DRYWALL SCREWS AT 4" O.C. AT SHEET EDGES AND INTERMEDIATE SUPPORTS.
GB(2)	INTERMITTENT GYPSUM BOARD (SHEATHING BOTH FACES OF WALL)	1/2" GYPSUM	1.5" LONG GALV. ROOFING NAILS, 6d COMMON NAILS, OR 1.25" LONG TYPE W DRYWALL SCREWS AT 7" O.C. AT SHEET EDGES AND INTERMEDIATE SUPPORTS.
CS-WSP	CONTINUOUS SHEATHED WOOD STRUCTURAL PANEL	7/16" OSB	6D OR 8D COMMON NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. ENGINEERED ALTERNATIVE: 16 GAGE BY 1.75" LONG STAPLES AT 3" O.C. AT SHEET EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS
CS-PF	CONTINUOUS SHEATHED PORTAL FRAME	7/16" OSB	NAILING PER DETAIL
PFH	PORTAL FRAME WITH HOLD DOWNS	7/16" OSB	NAILING PER DETAIL
CS-ESW(1)	ENGINEERED SHEAR WALL, TYPE 1	7/16" OSB	8D COMMON NAILS AT 6" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS
CS-ESW(2)	ENGINEERED SHEAR WALL, TYPE 2	7/16" OSB	8D COMMON NAILS AT 4" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS
CS-ESW(3)	ENGINEERED SHEAR WALL, TYPE 3	7/16" OSB	8D COMMON NAILS AT 3" O.C. AT SHEET EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS. CONTINUOUS OSB AROUND DOOR/WINDOW OPENINGS
BRACED WALL PANEL NOTES:			
1. ALL BRACED WALL PANELS, EXCEPT GB(1) & GB(2), SHALL HAVE 2x BLOCKING BETWEEN WALL STUDS AT ALL HORIZONTAL SHEET EDGES.			
2. PROVIDE NAILING/BLOCKING ABOVE AND BELOW ALL BRACED WALL PANELS PER KSE BRACED WALL DETAILS.			
3. SHEATH ALL EXTERIOR WALLS OF THE HOUSE WITH 7/16" O.S.B., OR 1 1/2" PLYWOOD, FASTENED PER IRC. AT EXTERIOR CORNERS, SHEATHING SHALL BE FASTENED PER KSE BRACED WALL DETAILS. AT INTERIOR WALL INTERSECTIONS, FASTEN STUDS & WALL BRACING PER KSE BRACED WALL DETAILS.			
4. BRACED WALL PANELS AND ENGINEERED SHEAR WALLS ARE PROVIDED PER IRC. PANEL LENGTHS SHOWN ON PLANS ARE THE MINIMUM LENGTH REQUIRED.			

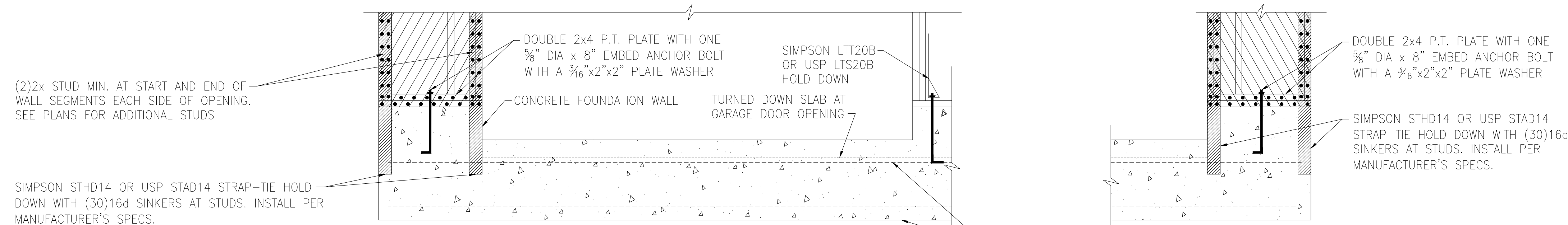




A METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
MONOLITHIC SLAB OR BASEMENT FOUNDATION



B METHOD CS-PF: CONTINUOUS PORTAL FRAME PANEL CONSTRUCTION
STEMWALL SLAB OR CRAWL SPACE FOUNDATION

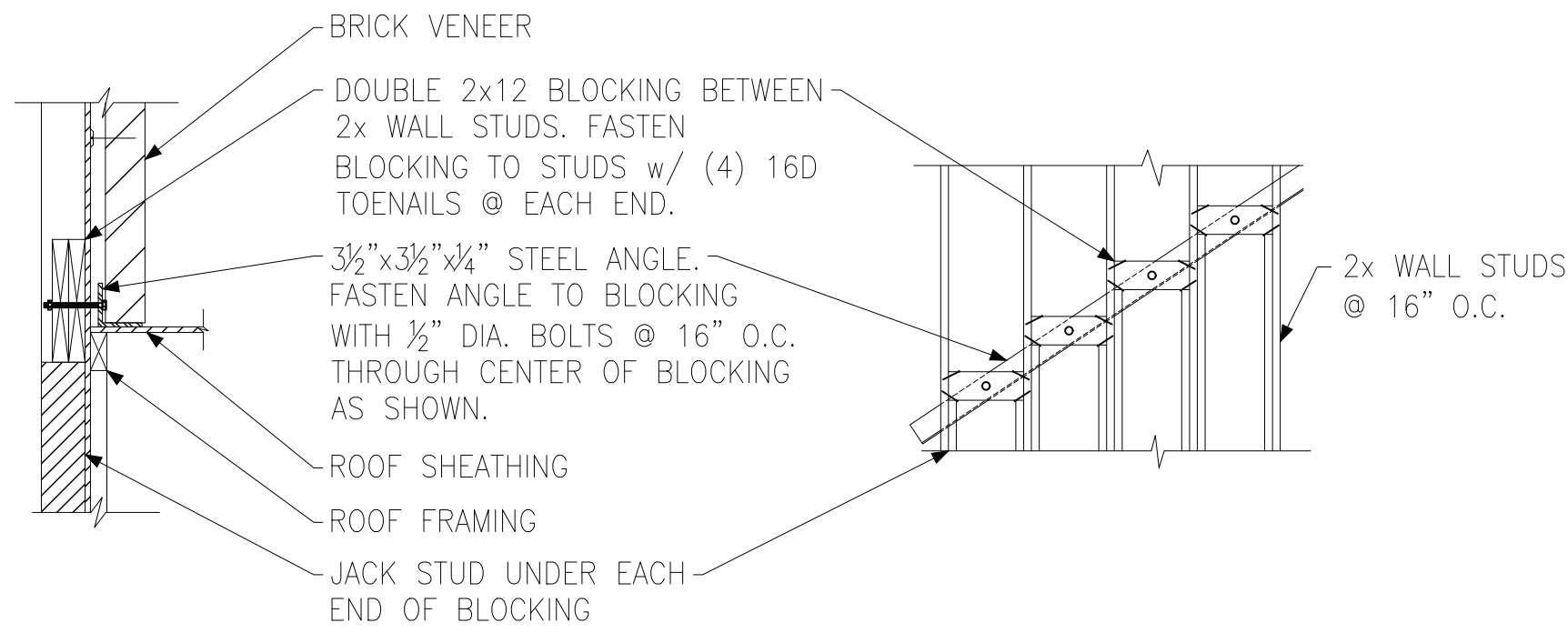


C METHOD PFH: PORTAL FRAME WITH HOLD-DOWNS
MONOLITHIC SLAB OR BASEMENT FOUNDATION

CONTINUOUS #4 HIGH AND LOW.
PROVIDE MIN 24" LAPS WHERE SPLICED.

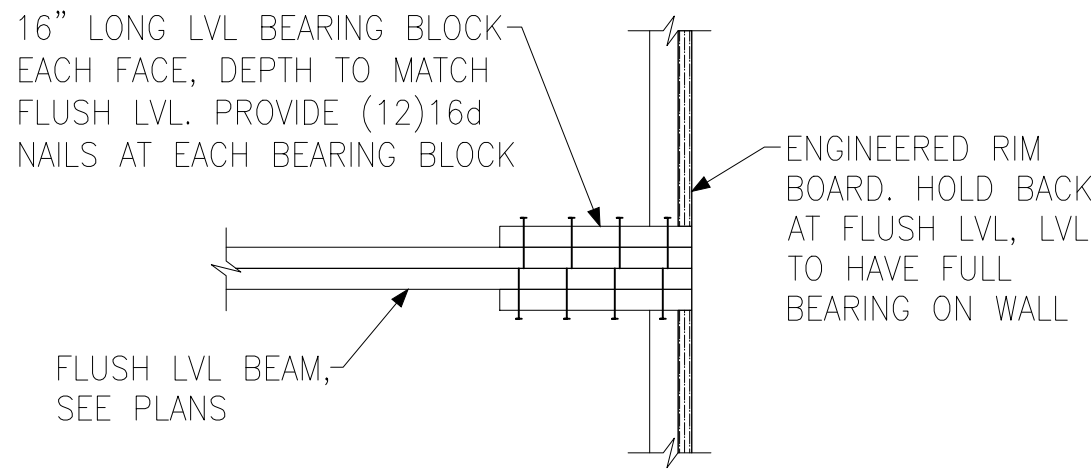
Wellers Knoll Lot 8



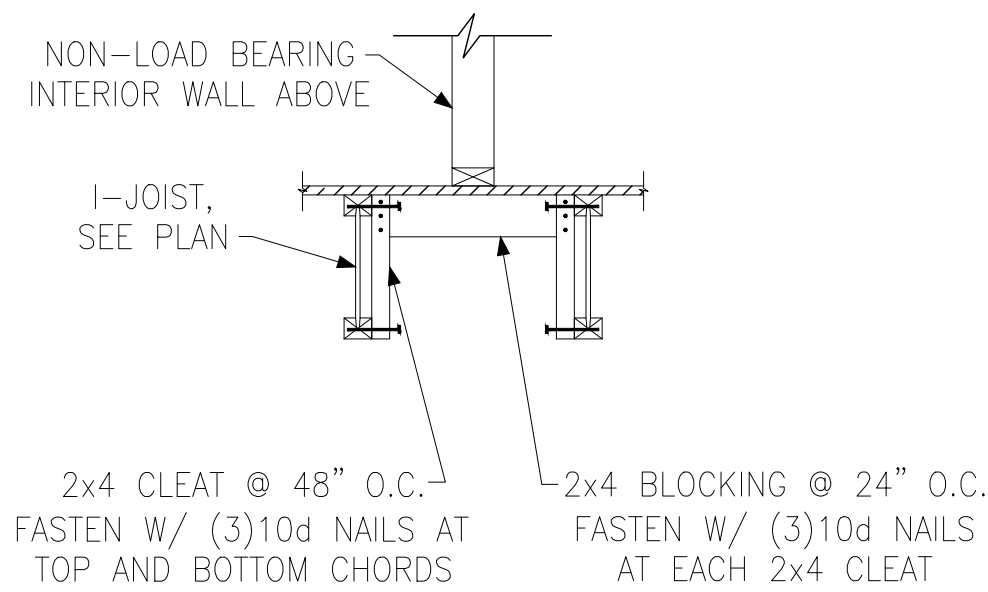


SECTION VIEW ELEVATION VIEW

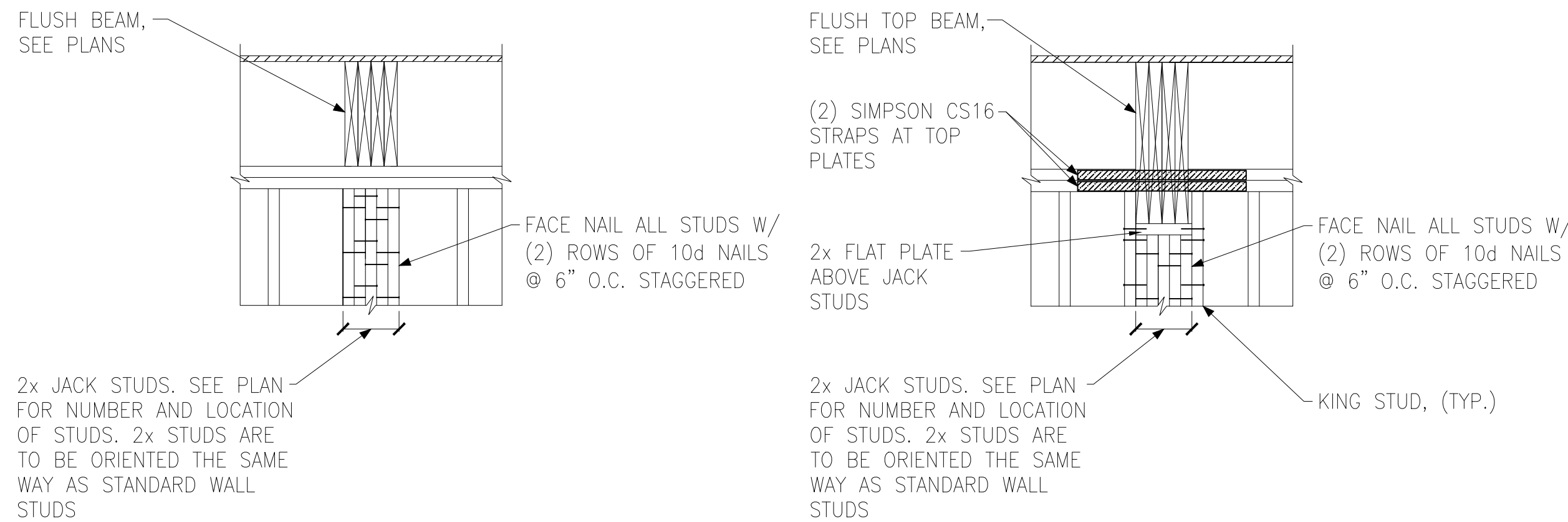
A BRICK LEDGER CONNECTION DETAIL



B BEARING ENHANCER FLUSH LVL



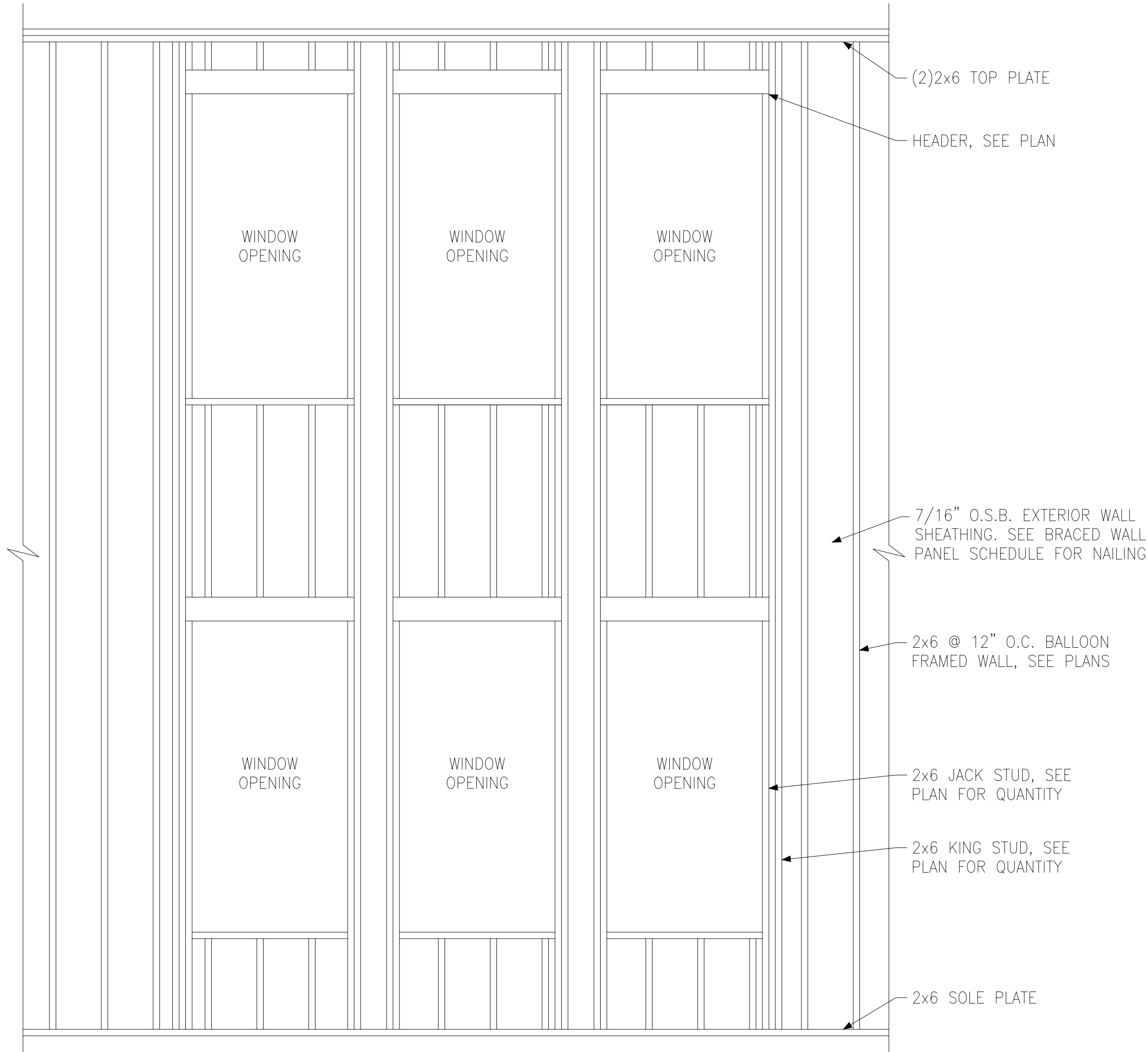
C I-JOIST LADDER BLOCKING AS REQUIRED @ PARALLEL WALLS



FLUSH BEAM

FLUSH TOP BEAM

E BUILT-UP STUD DETAIL SUPPORTING BEAM



D BALLOON FRAMED WALL DETAIL N.T.S.

Wellers Knoll Lot 8



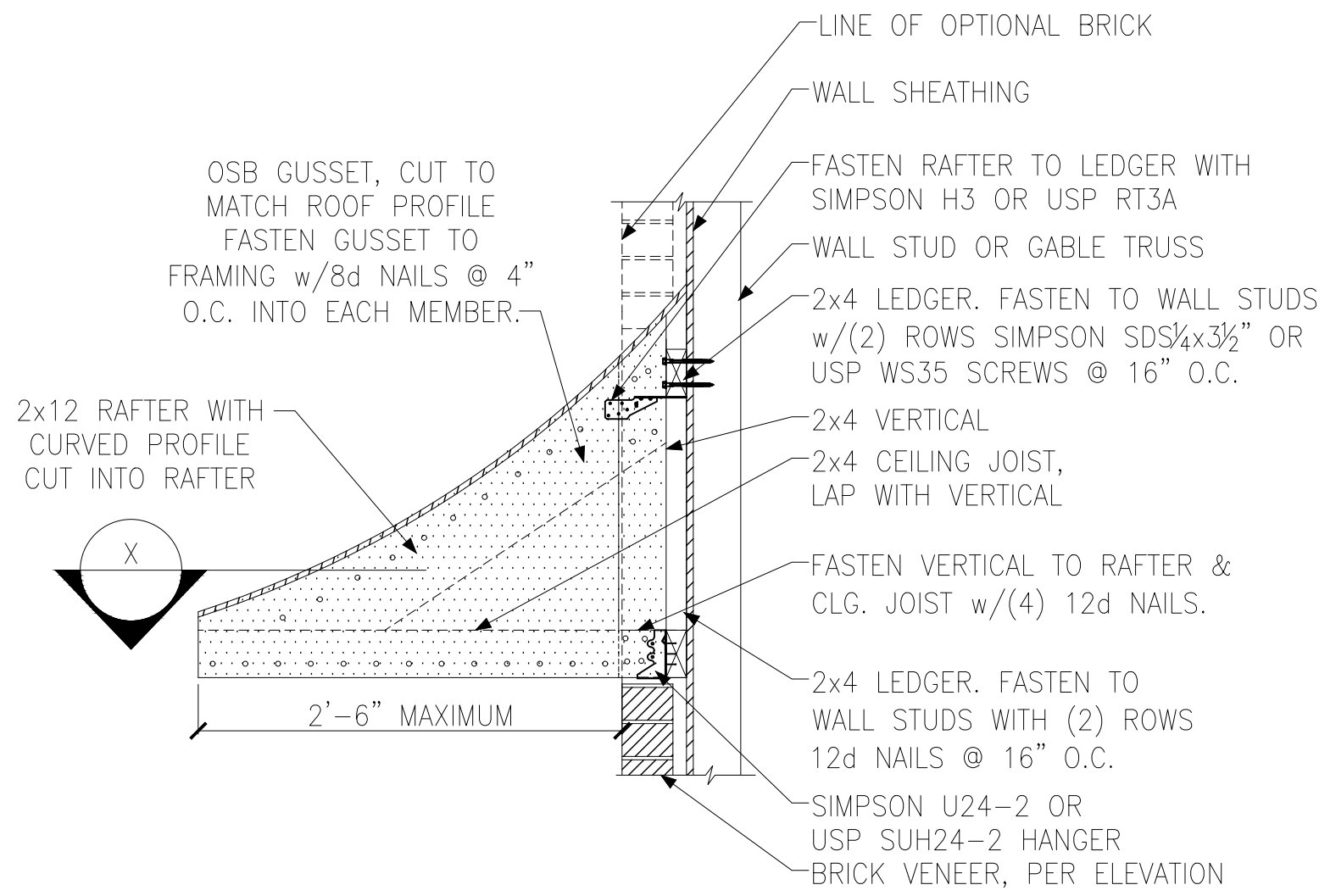
Miscellaneous Framing Details

Project #: 214-22000
Designed By: KRK
Checked By:
Issue Date: 3/6/23
Re-Issue:
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34

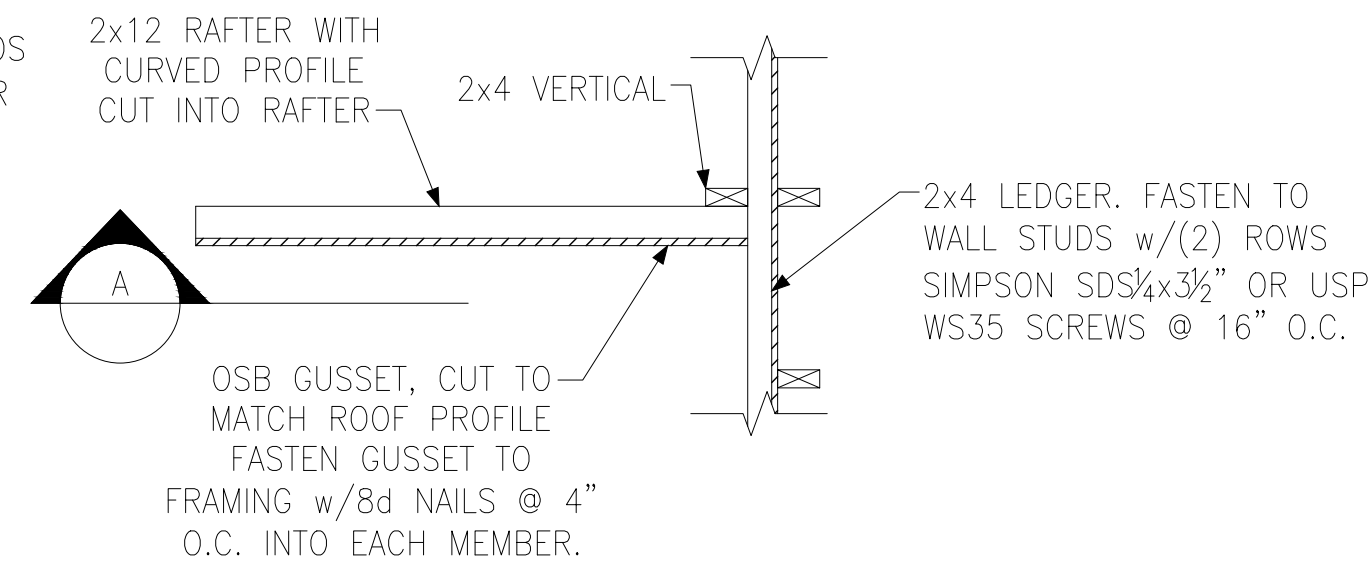
SD-5



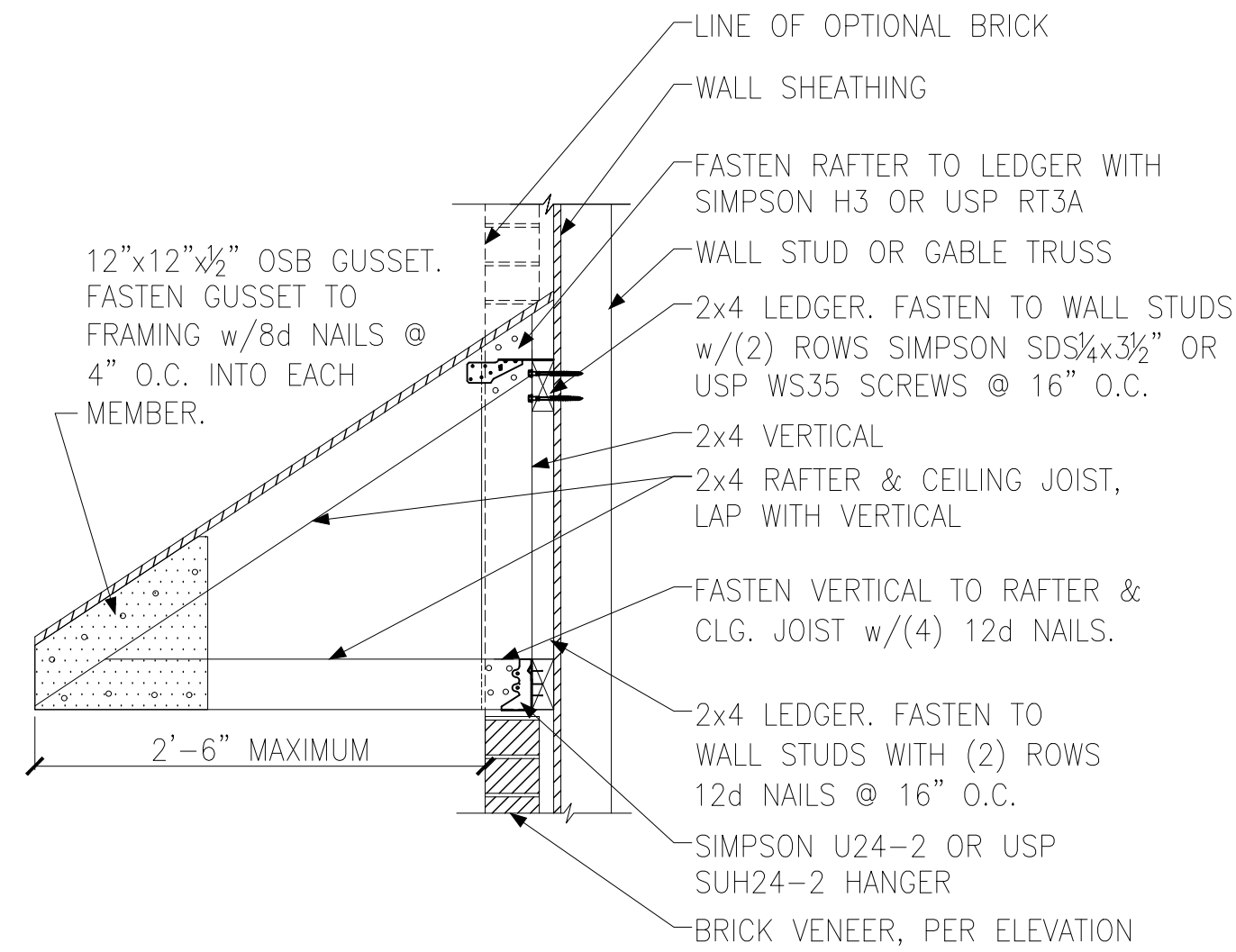
Up to 120 M.P.H.
Raleigh, North Carolina



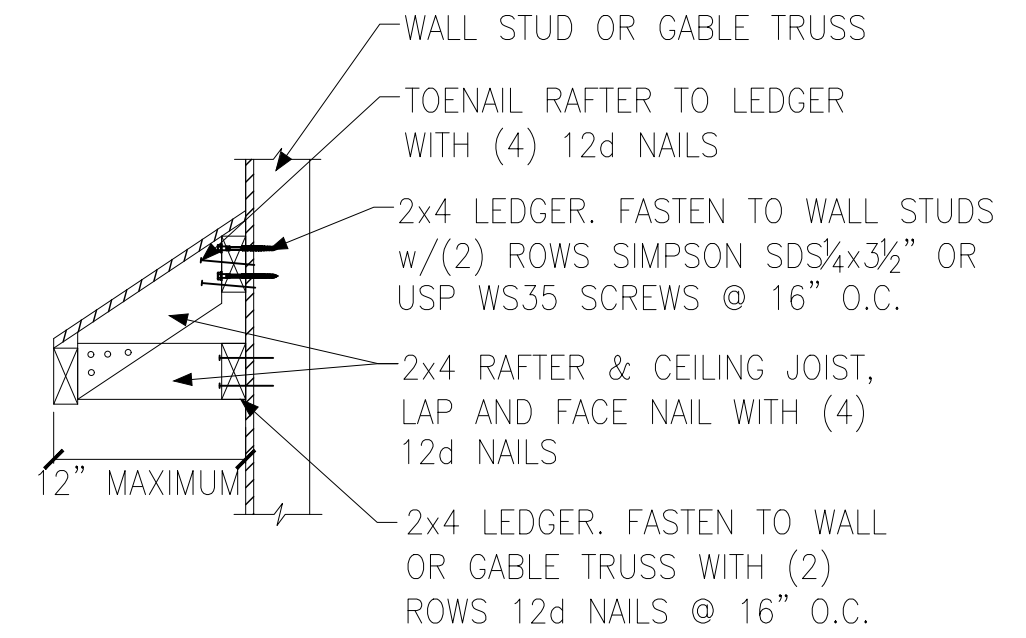
A PENT ROOF DETAIL
CURVED ROOF



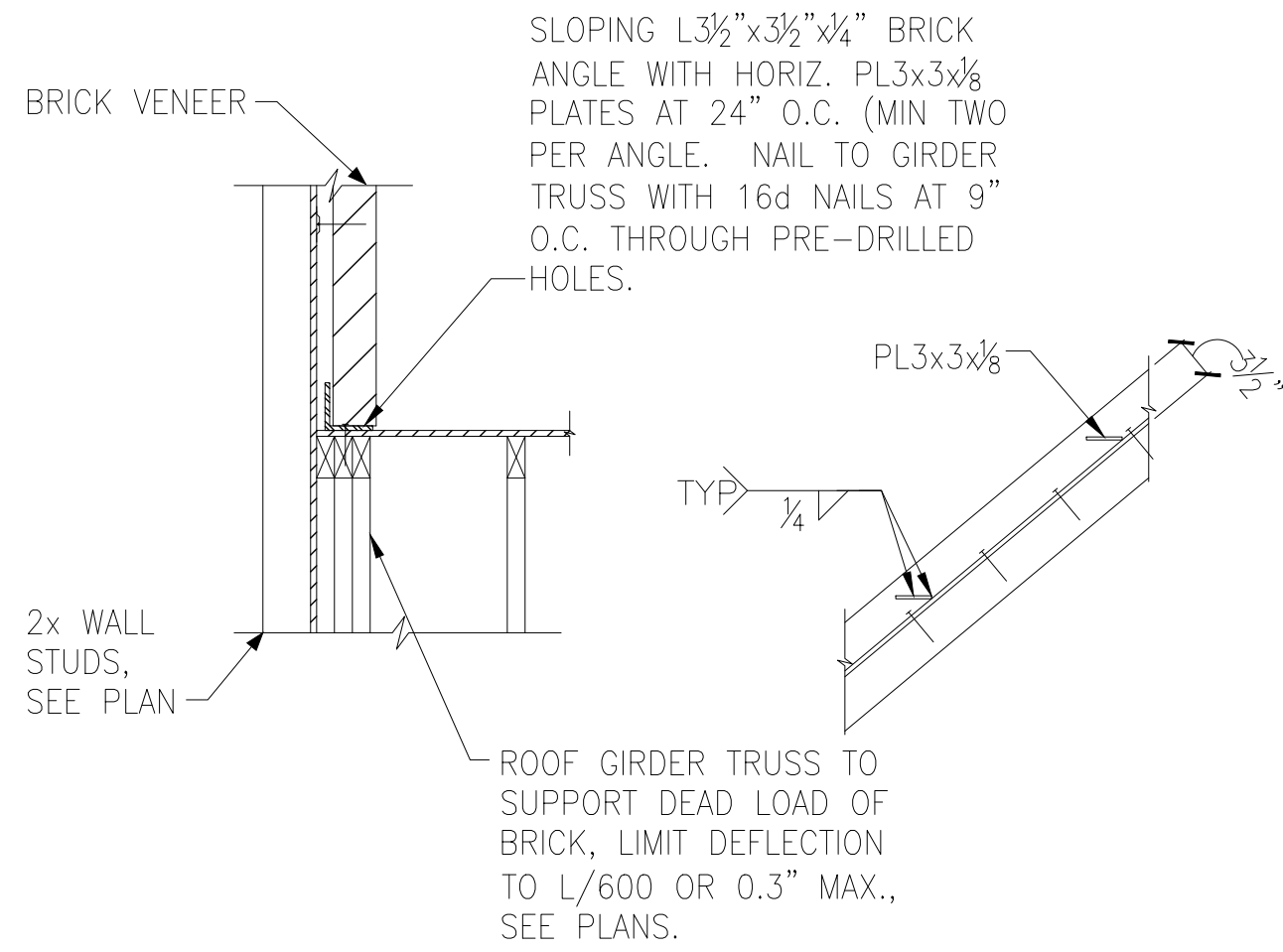
X SECTION
CURVED ROOF



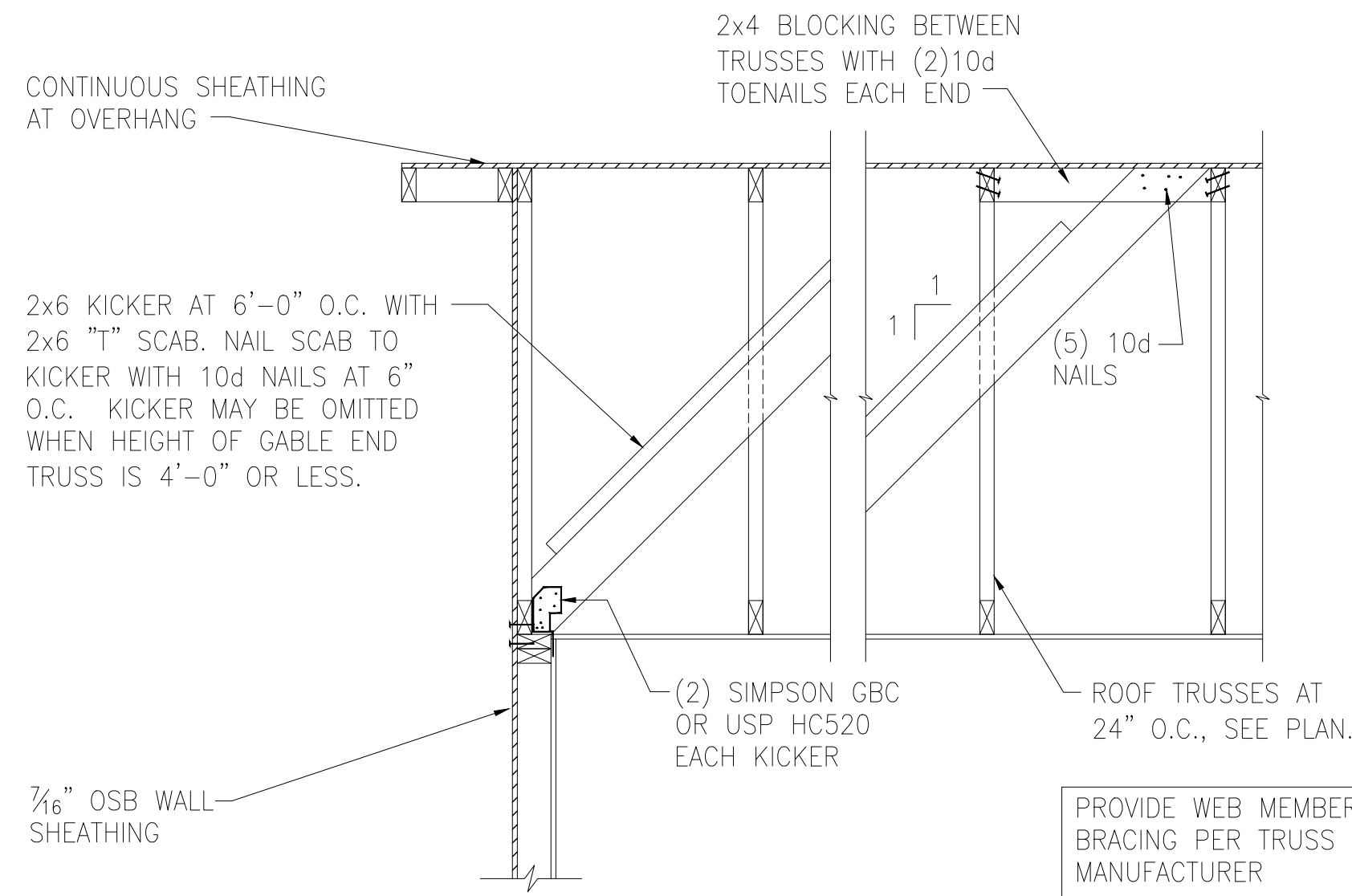
B PENT ROOF DETAIL
STRAIGHT ROOF



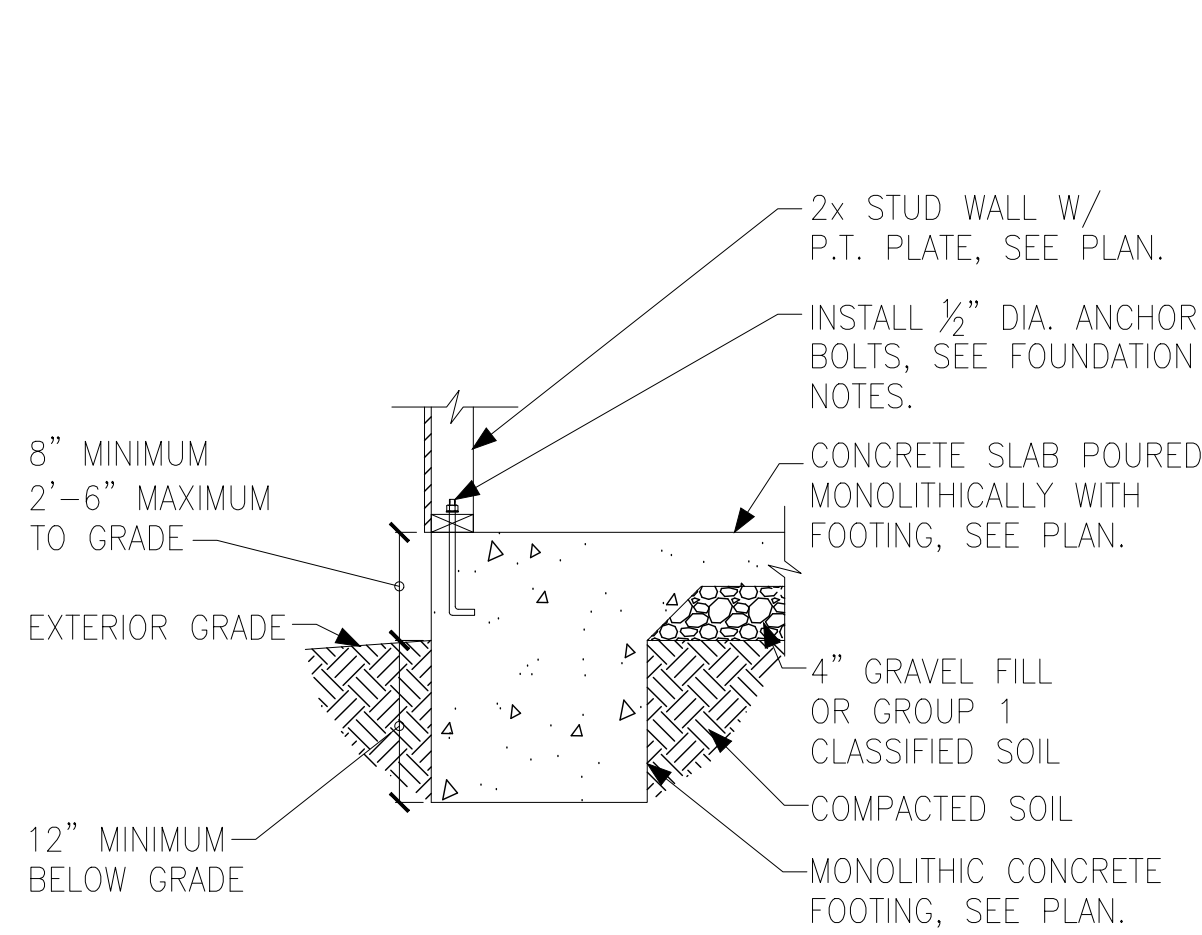
C EYEBROW ROOF DETAIL
STRAIGHT ROOF



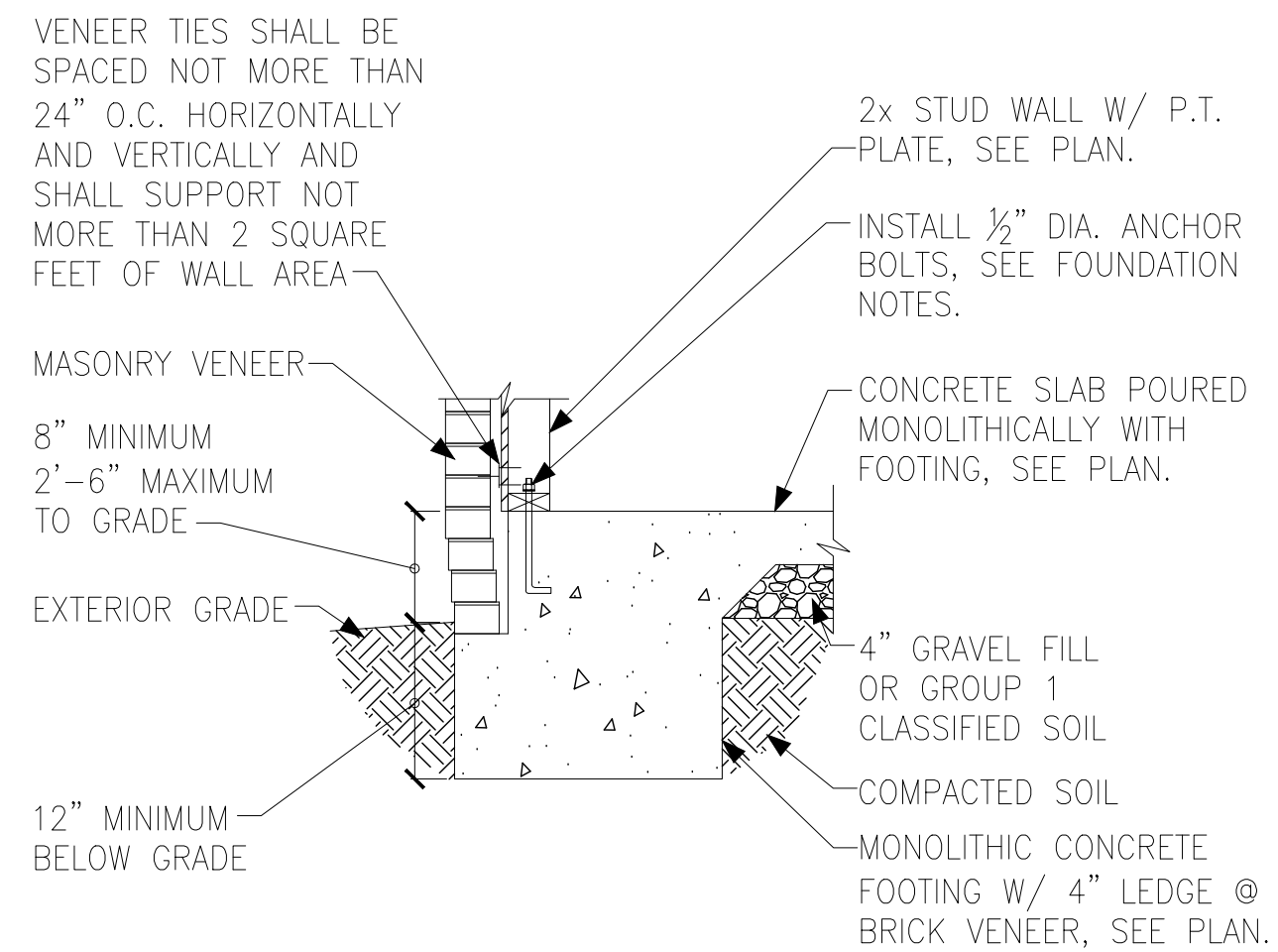
D TRUSS DETAIL



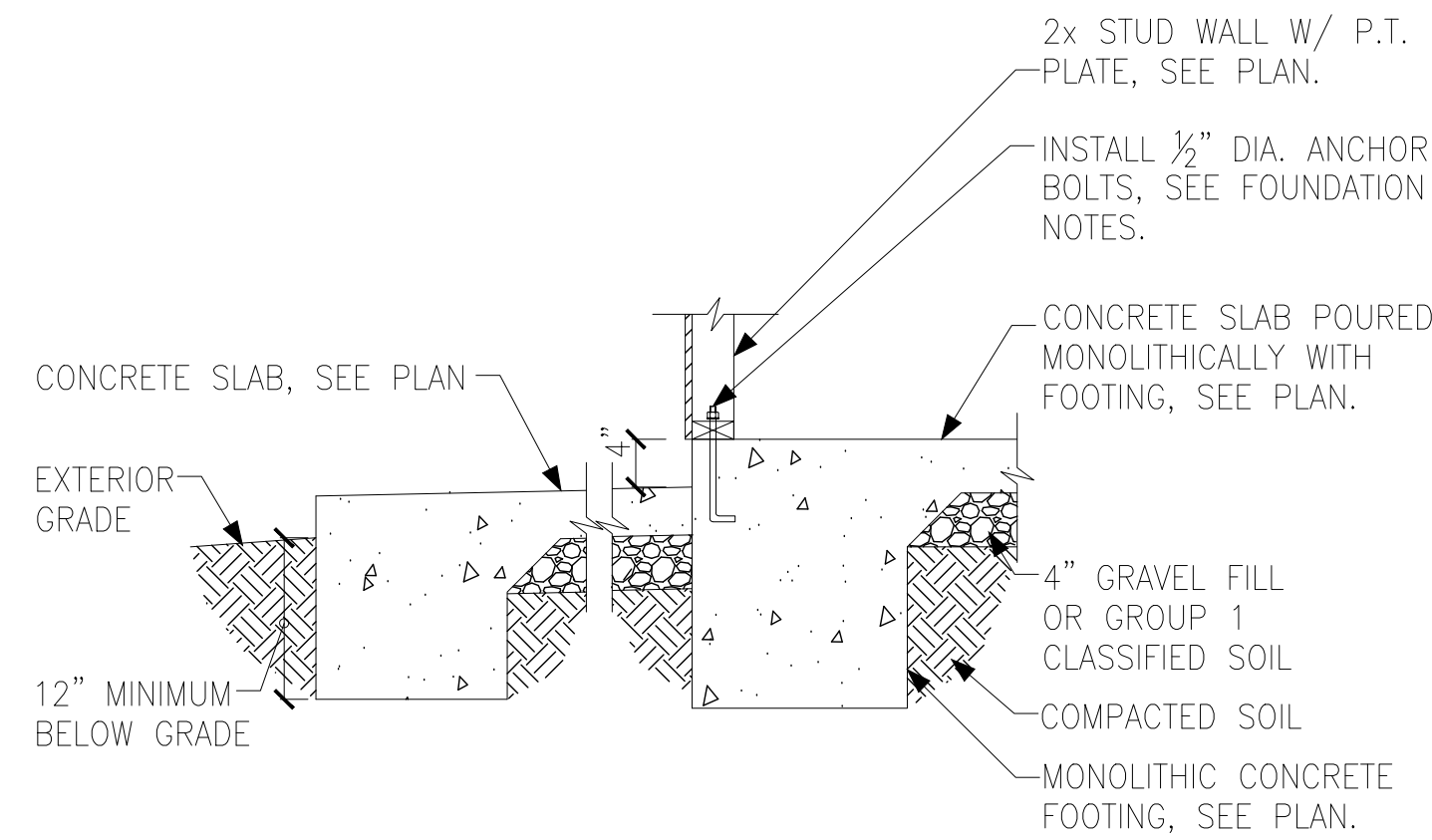
E GABLE END WALL DETAIL



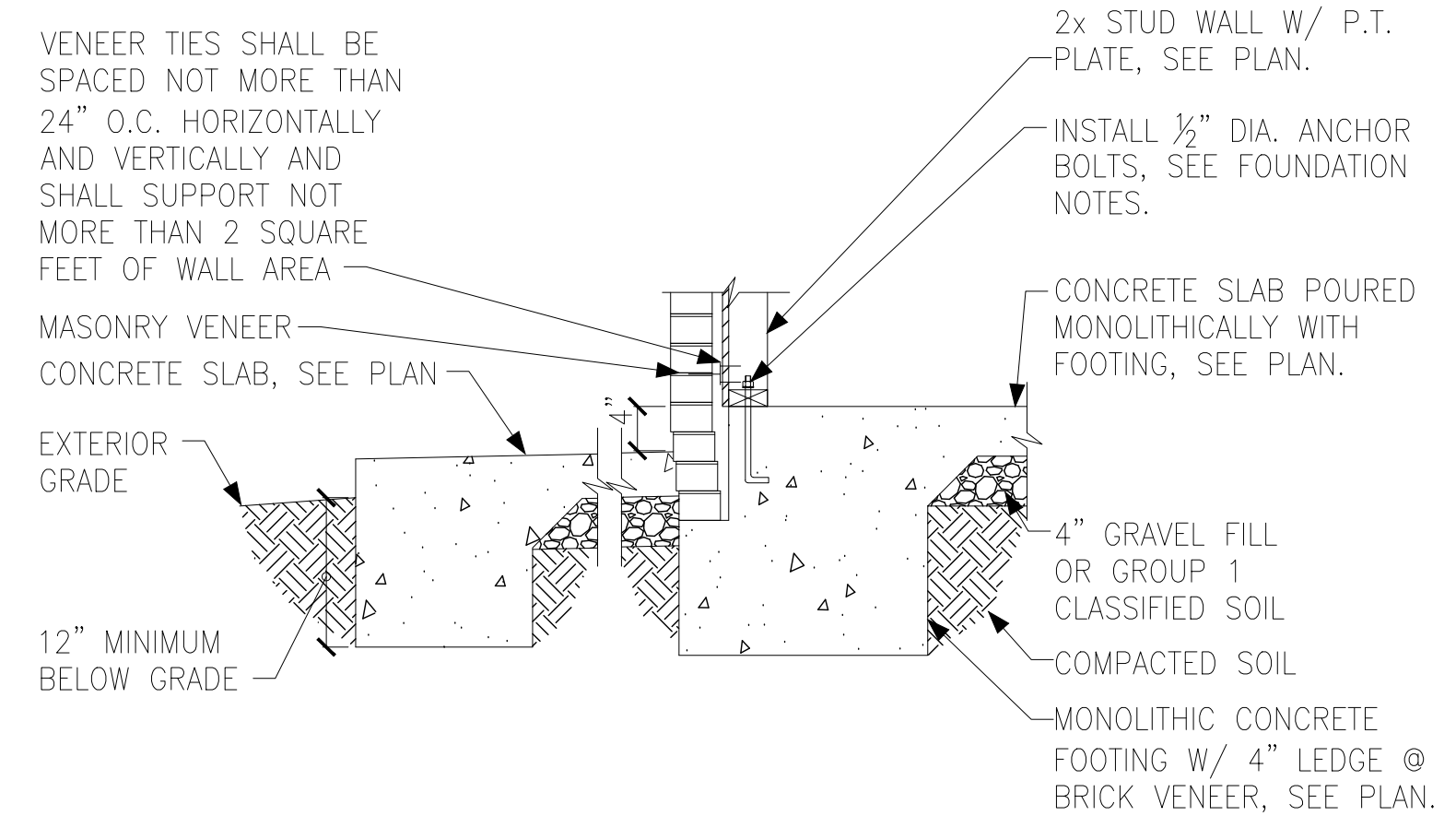
A FOUNDATION SECTION
EXTERIOR WALL



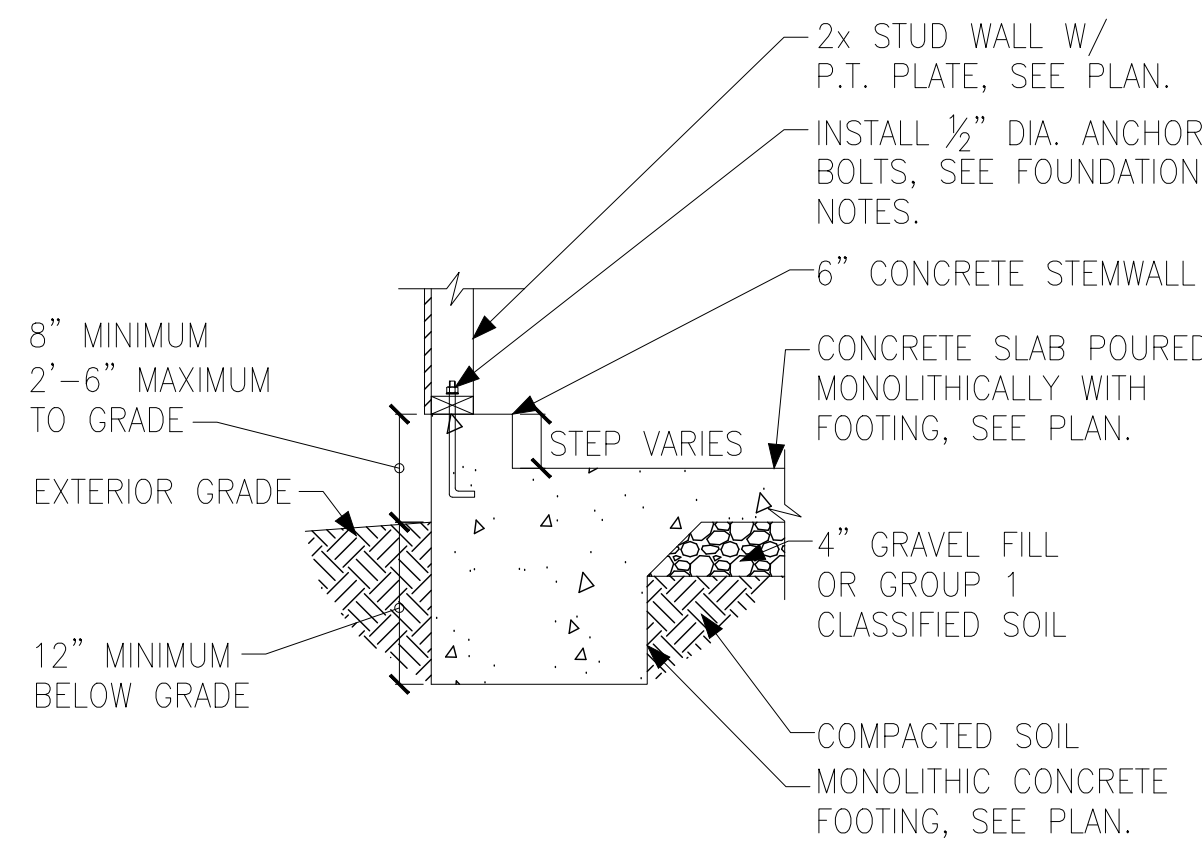
B FOUNDATION SECTION
EXTERIOR WALL @ MASONRY VENEER



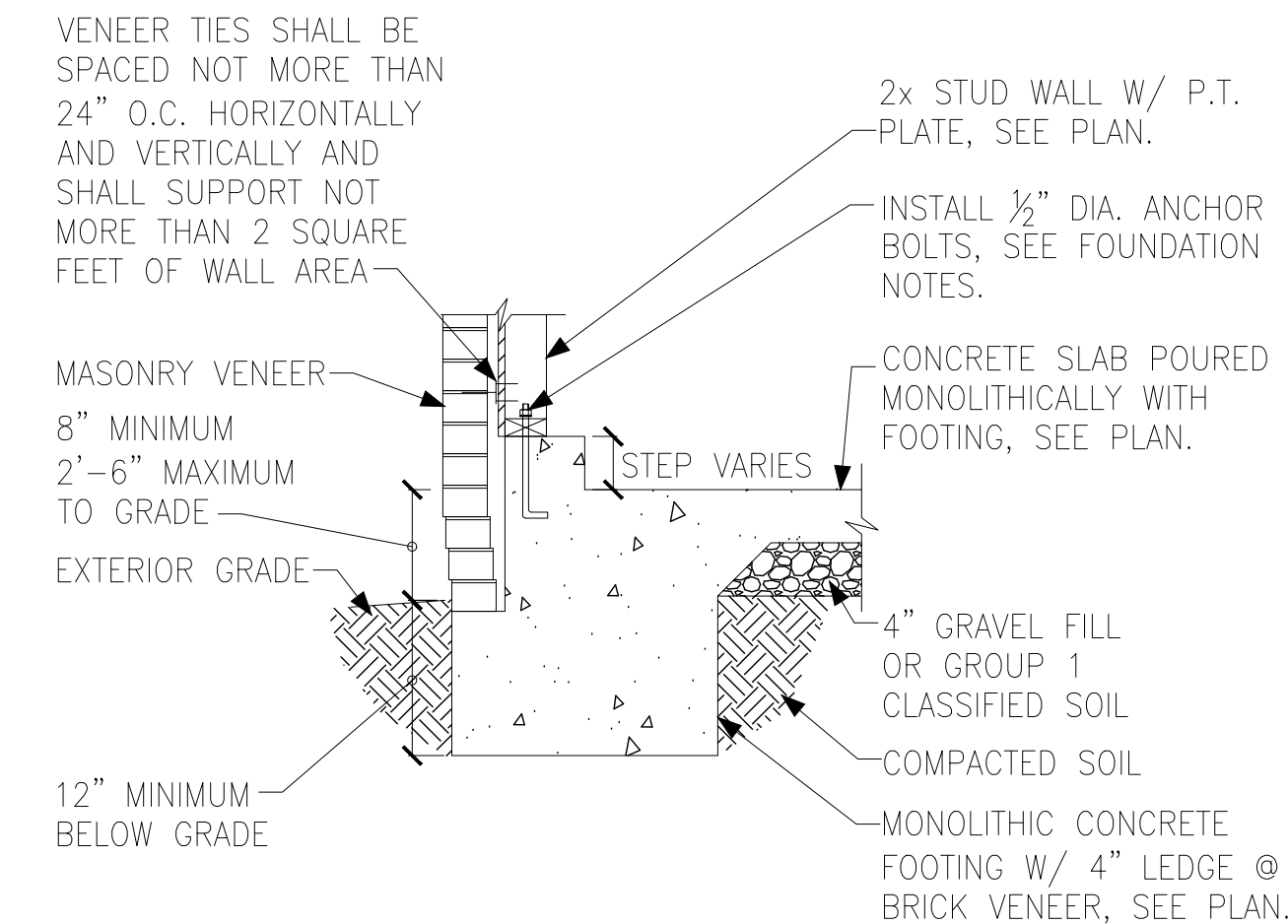
C FOUNDATION SECTION
EXTERIOR WALL AT PORCH



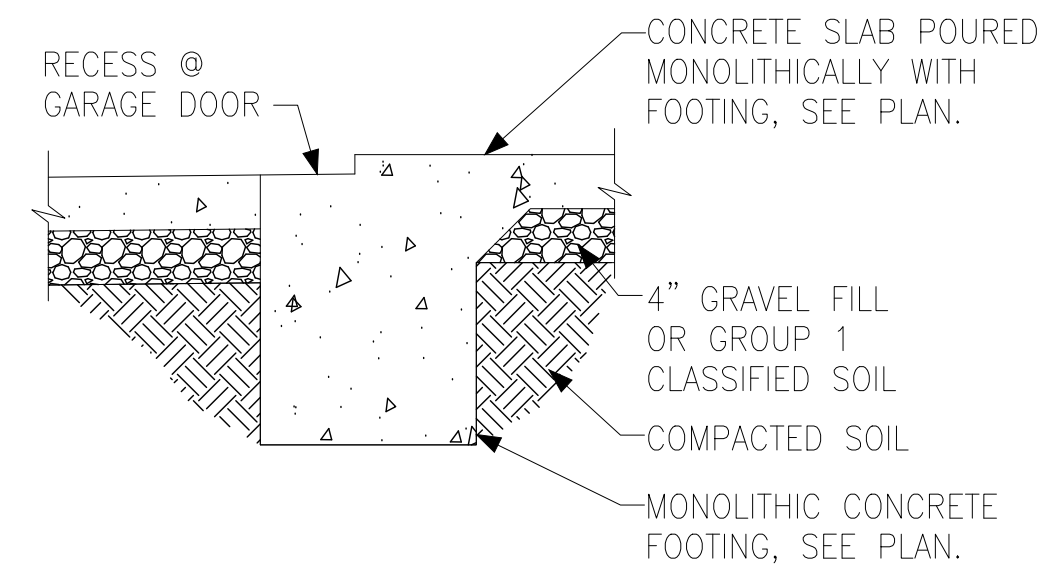
D FOUNDATION SECTION
EXTERIOR WALL AT PORCH W/ MASONRY VENEER



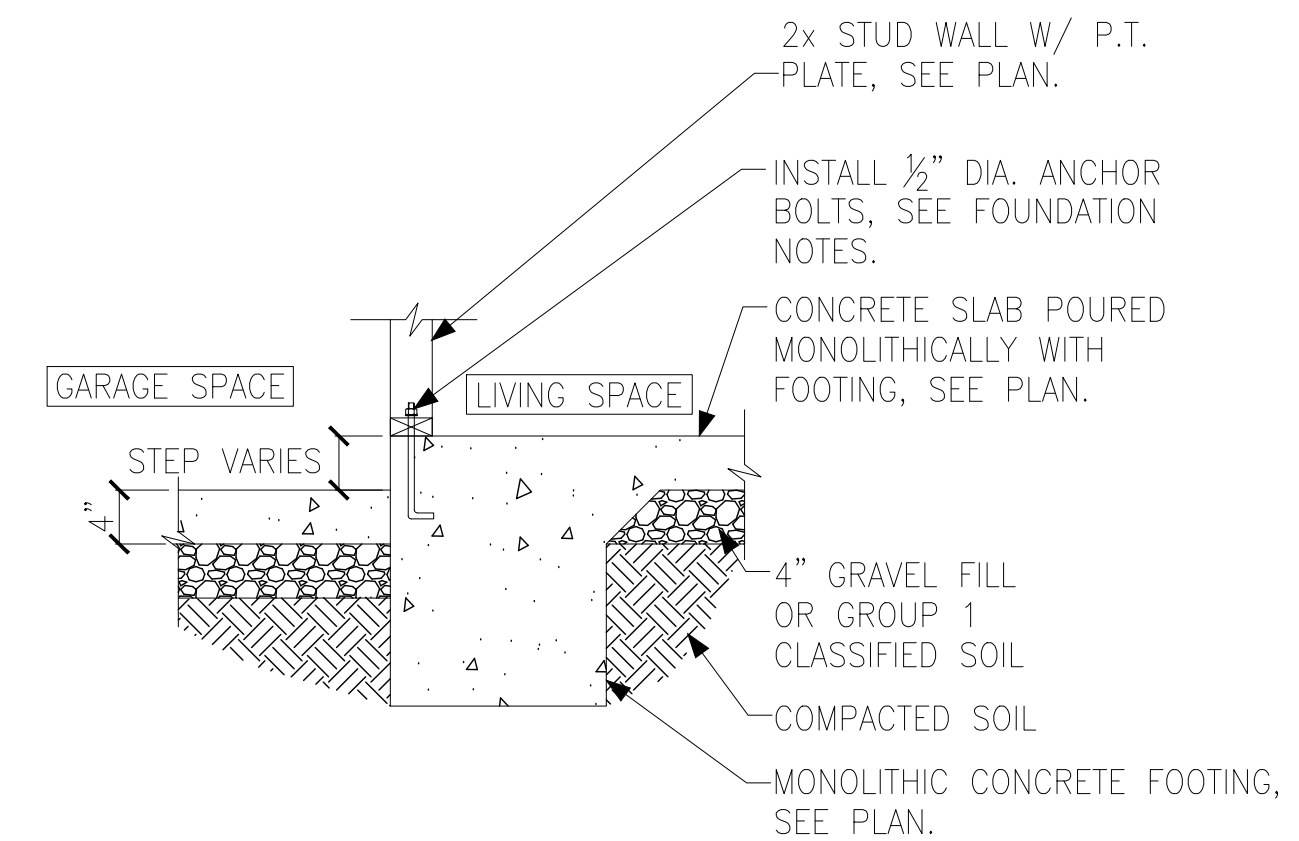
E FOUNDATION SECTION
EXTERIOR GARAGE WALL



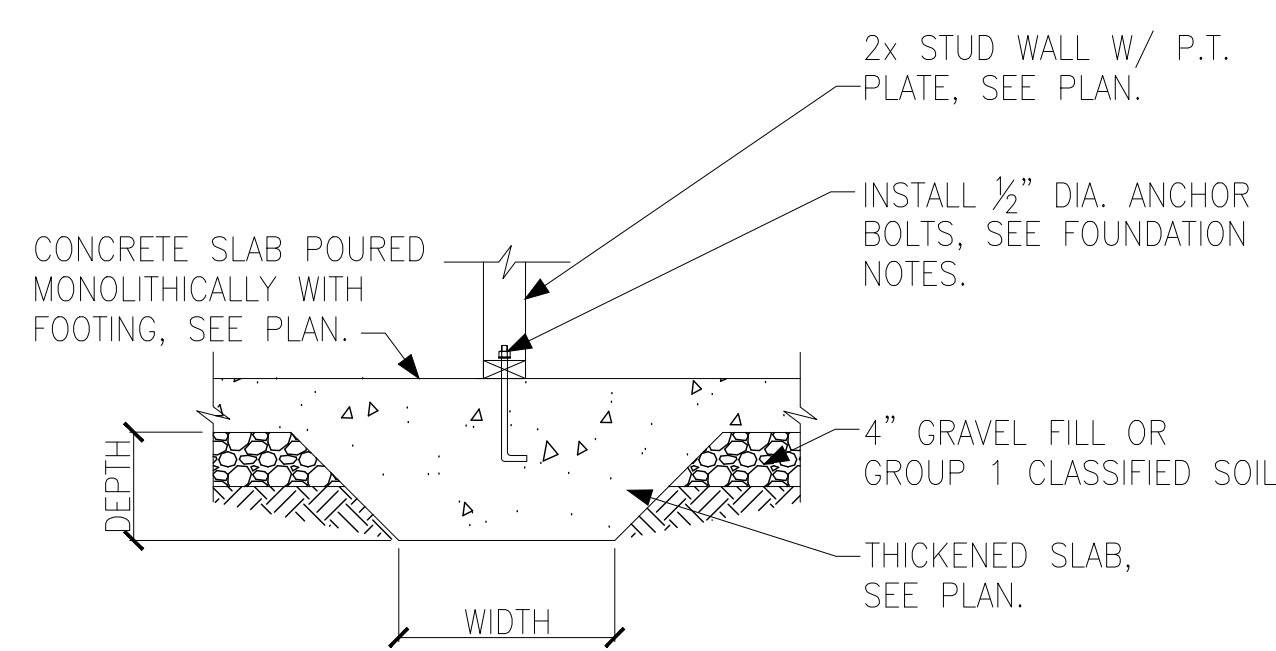
F FOUNDATION SECTION
EXTERIOR GARAGE WALL @ MASONRY VENEER



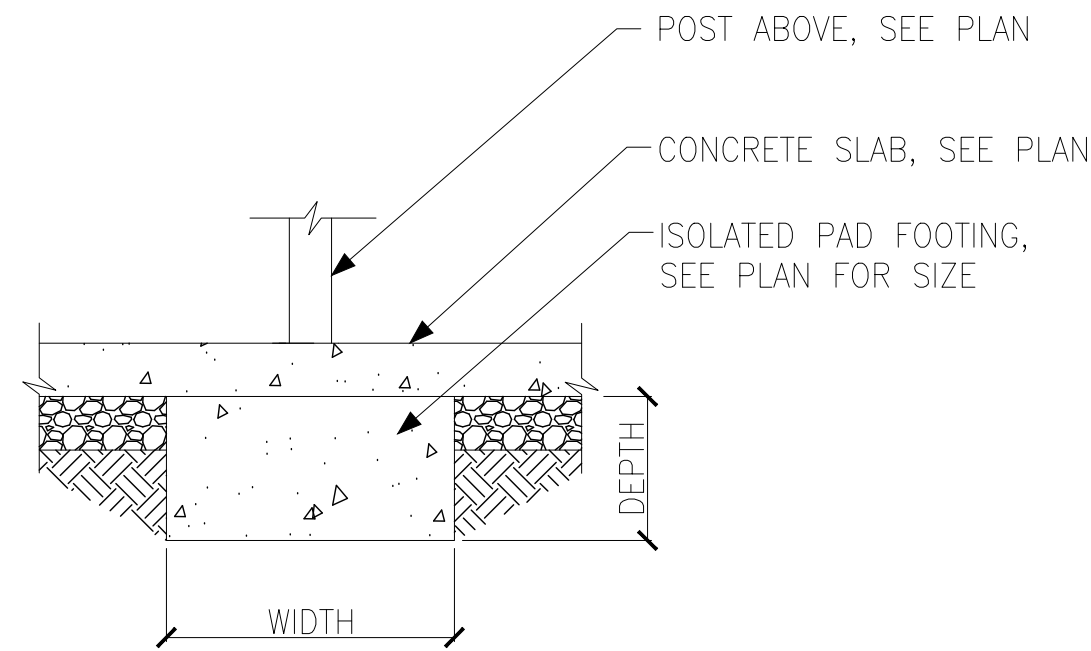
G FOUNDATION SECTION
GARAGE DOOR



H FOUNDATION SECTION
INTERIOR GARAGE WALL



J FOUNDATION SECTION
THICKENED SLAB



K FOUNDATION SECTION
ISOLATED PAD FOOTING

Wellers Knoll Lot 8



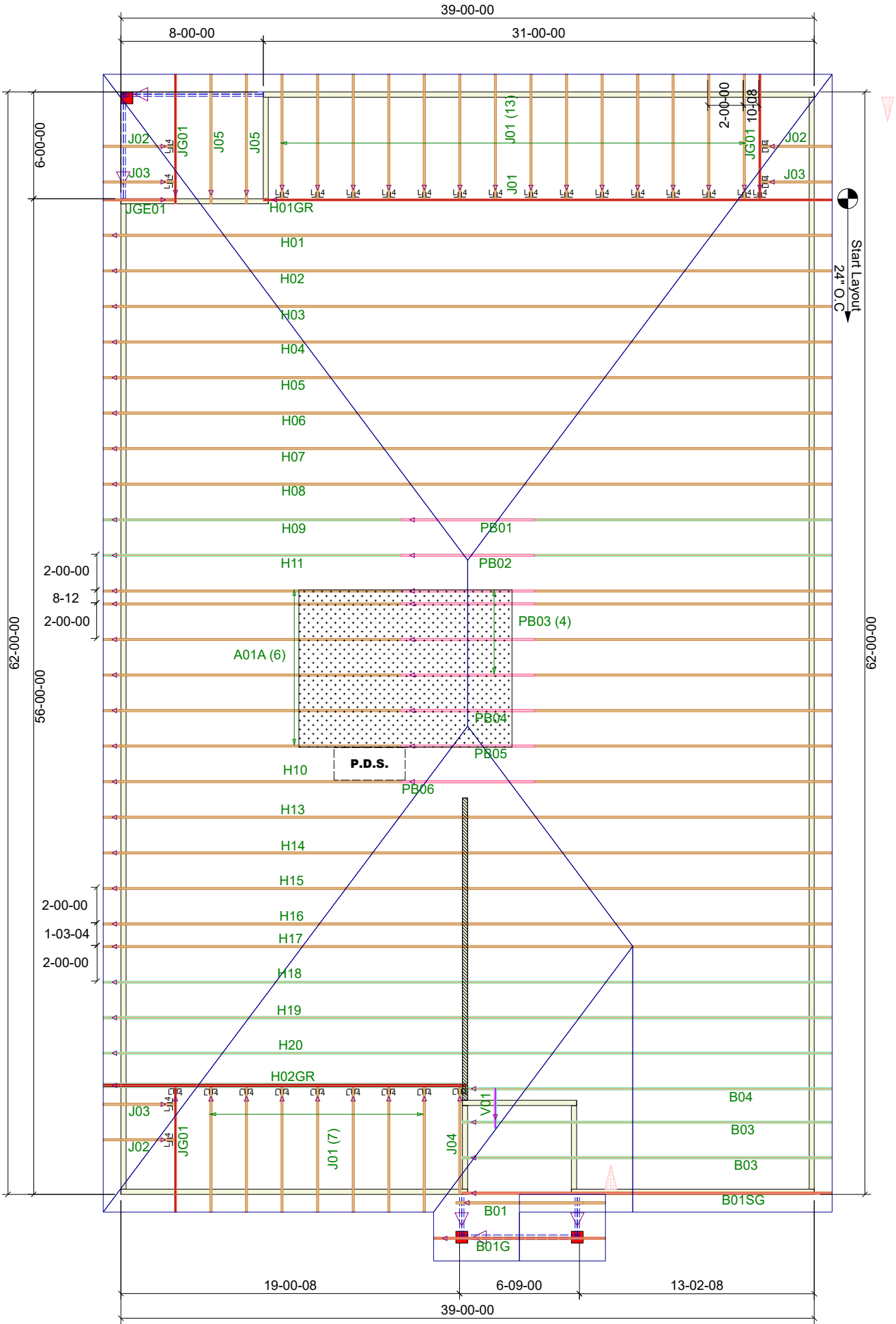
Monolithic Slab Foundation Details

Up to 120 M.P.H.
Raleigh, North Carolina

Project #: 214-22000
Designed By: KRK
Checked By:
Issue Date: 3/6/23
Re-Issue:
Scale: 1/8"=1'-0" @ 11x17
1/4"=1'-0" @ 22x34

SD-7

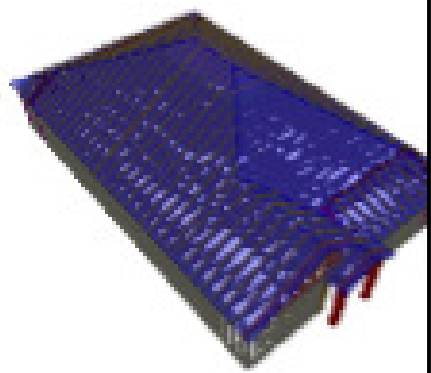
Wellers Knoll
Lot 8



Builders First Source
23 Red Cedar Way
Apex, NC 27523
Phone: (919) 363-4956
Fax: (919) 387-8565
<https://www.bldr.com>

- General Notes:**
- Per ANSI/TPI 1-2002 all " Truss to Wall" connections are the responsibility of the Building Designer, not the Truss Manufacturer.
 - Dimensions are Feet-Inches- Sixteenths.
 - Trusses are to be 24" o.c. unless noted otherwise (U.N.O.)
 - Trusses are not designed to support brick U.N.O.
 - Do not cut or modify trusses without first contacting Builders FirstSource.
 - Immediately contact Builders FirstSource if trusses are damaged.
- Connection Notes:**
- All hangers are to be Simpson or equivalent U.N.O.
 - Use Manufacturer's specifications for all hanger connections U.N.O.
 - Use 10d x 1 1/2" Nails in hanger connections to single ply roof girder trusses.
- Floor notes:**
- Shift truss as required to avoid plumbing traps.
 - Installation Contractor and/or Field Supervisor are to verify all dimensions, trap locations, and options prior to installation
- Dimension Notes:**
- Drawing not to scale. Do not scale dimensions

△▽▽ LEFT END OF TRUSS AS SHOWN ON TRUSS
DETAIL DRAWINGS ARE INDICATED BY TRIANGLE ICONS.



HANGER LIST				ALL TIE DOWNS H2.5A UNLESS NOTED			
29	LUS26	6		SPECIAL ITEMS LIST			
				MISC MATERIAL			

DAVIDSON HOMES			
DAPHNE		ELEV:	C
8 WELLERS KNOLL			
County	NC	LOT:	---
• [OPTION 1] • [OPTION 2] • [OPTION 3]		<u>APPWRIGHT #</u>	
		4860717	
		<u>CODE:</u>	IRC 2021
		<u>WIND:</u>	
		M.P.H.	115 MPH
<u>DESIGNED BY:</u>		NJH	
<u>LAYOUT:</u>		---	
<u>L/O DATE:</u>		9/19/2025	
		<u>HATCH LEGEND</u>	
			ATTIC ROOM
			VOLUME CEILING
			STICK FRAMING

Summation of limited excerpts of the Code, ANSI/TPI 1-2014, and BCSI, and associated commentary, are provided within the truss submittal package in the Builders FirstSource Component Truss Responsibility and Liability Disclosure. These critical excerpts include, among other elements, critical safety information as well as specific Scope-of-Work assignments (and limitations of the same) for the Owner, Contractor, Building Designer, Truss Designer, and Truss Manufacturer. It is essential that ALL parties to the design and use of the trusses review and become familiar with the information provided in the Builders FirstSource Component Truss Responsibility and Liability Disclosure, as well as the referenced sources, prior to performing work on the associated project.