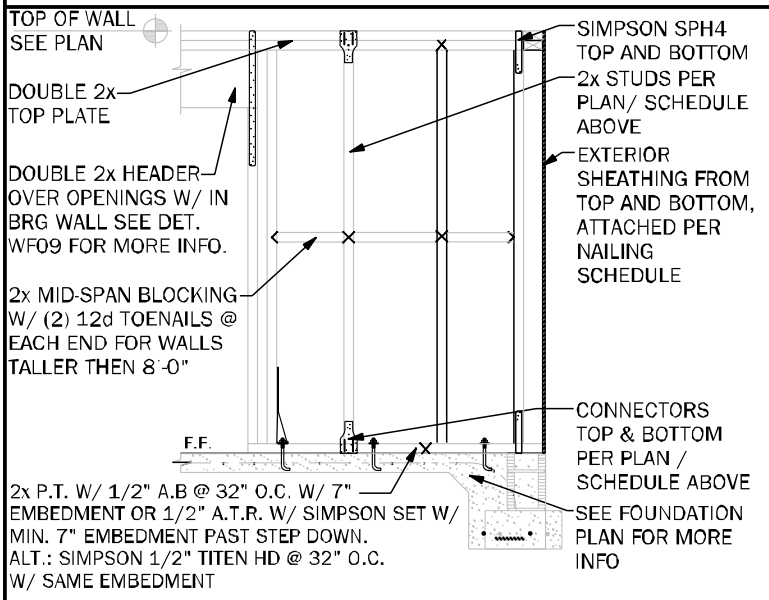






BEARING WOOD INTERIOR WALL SCHEDULE					
MARK	STUD SPACING	CONNECTION & FASTENERS		LUMBER SPECIES	UPLIFT CAP (PIF)
		TOP	BOTTOM		
BW1	16"	(2) 16d TOENAILS	(2) 16d TOENAILS	SPF	0
BW2	16"	SP2 W/ (6)10d NAILS	SP1 W/ (6)10d NAILS	SPF	402
BW3	16"	SP4 W/ (6) 10d x 1 1/2" NAILS	SP4 W/ (6) 10d x 1 1/2" NAILS	SPF	574
BW4	16"	(2) 16d TOENAILS	(2) 16d TOENAILS	SYP	0
BW5	16"	SP2 W/ (6)10d NAILS	SP1 W/ (6)10d NAILS	SYP	439
BW6	16"	SP4 W/ (6) 10d x 1 1/2" NAILS	SP4 W/ (6) 10d x 1 1/2" NAILS	SYP	665
BW7	12"	(2) 16d TOENAILS	(2) 16d TOENAILS	SPF	0
BW8	12"	SP2 W/ (6)10d NAILS	SP1 W/ (6) 10d NAILS	SPF	535
BW9	12"	SP4 W/ (6) 10d x 1 1/2" NAILS	SP4 W/ (6) 10d x 1 1/2" NAILS	SPF	760
BW10	12"	(2) 16d TOENAILS	(2) 16d TOENAILS	SYP	0
BW11	12"	SP2 W/ (6)10d NAILS	SP1 W/ (6) 10d NAILS	SYP	585
BW12	12"	SP4 W/ (6) 10d x 1 1/2" NAILS	SP4 W/ (6) 10d x 1 1/2" NAILS	SYP	885

NOTE: 2 x 4 WALLS ARE ASSUMED U.N.O. ON FLOOR PLANS  
\* ALL LUMBER TO BE GRADE #2  
\*\* CONNECTIONS TO BE INSTALLED TO EACH STUD AS INDICATED  
\*\*\* SPFS & SPFS CAN BE SUB. TOP SPFS W/ RESPECT TO STUD SIZE



**GENERAL NOTES**

- SEE FLOOR PLAN FOR WALL SIZE. ASSUME 2x4 STUDS USED U.N.O.
- ALL STRUCTURAL LUMBER TO BE SYP #1 OR SPF #2 UNO ON PLAN.
- CONNECTIONS TO BE INSTALLED TO EACH STUD AS INDICATED.
- CONTACT E.O.R. IF SP4 S OR SPFS CONNECTORS ARE SUBSTITUTED, TO VERIFY THEY MEET THE STRUCTURAL REQUIREMENTS.
- IF "BW" IS INDICATED ON SECOND FLOOR BASE CONNECTION TO IGNORE. SEE WORKS/SS OR INDICATED DETAIL FOR PROPER CONNECTIONS FOR 2nd FLOOR TO FIRST FLOOR CONNECTION. (NOTE: THIS IS FOR 2 STORY PROJECTS ONLY).
- IF "SW" IS INDICATED THE WALL IS CONSIDERED A SHEARWALL AND REQUIRES WIND. (NOTE: OSB PLYWOOD W/ 8d NAILS AT 4" O.C. IN FIELD AND EDGE TO 1" SIDE OF WALL).
- ALL 2x EXTERIOR WALLS W/ EXTERIOR SHEATHING ATTACHED PER NAILING SCHEDULE ACT AS SHEARWALLS. SEE PLAN AND WALL SECTIONS FOR STUD SPACING AND GRADE.
- IF THE BEARING WALL IS INDICATED WITH THE BW1, BW4, BW7, BW10 THESE WALLS ARE ONLY SUPPORTING THE FLOOR LOAD AND DO NOT HAVE UPLIFT. THE STUDS ARE TOE NAIL TO THE PLATE AND THE 2x PLATE CAN BE ATTACHED WITH HARD CASED NAILS (GUN NAILS) AND WILL NOT REQUIRE THE ANCHOR BOLT ATTACHMENT INDICATED IN THE BEARING WALL SCHEDULE.

MARK	COLUMN SIZE	(BASE) CONN. & FASTENER	UPLIFT(LBS)
C1	(3) 2 x 4 #2 SPF	(4) 16d TOENAILS	0
C2	(3) 2 x 4 #2 SPF	DT122 W/ 1/2" WEDGE ANCHOR* & (8) 1/4" X 1 1/2" SDS SCREWS	2145
C3	(3) 2 x 4 SYP #1 GR.	(4) 16d TOENAILS	0
C4	(4) 2 x 4 SPF #2	DT122 W/ 1/2" WEDGE ANCHOR* & (8) 1/4" X 1 1/2" SDS SCREWS	2145
C5	4 x 4 P.T.#2 SYP POST	ABU44 W/ 5/8" ATR** & (12) 16d NAILS	G = 6685 U = 2200
C6	6 x 6 P.T.#2 SYP POST	ABU66 W/ 5/8" ATR** & (12) 16d NAILS	G = 12000 U = 2200
C7	8 x 8 P.T.#2 SYP POST	ABU88 W/ (2) 5/8" ATR** & (18) 16d NAILS	G = 24335 U = 2330
C8	3.5 x 3.5 P.L. 1.8E Rb-2400 PSI (WOLMANIZED IF EXT.)	HDUS-SDS2.5 W/ (14) 1/4" x 2 1/2" SDS WS & 5/8" EPOXY ANCHOR, OR ATR**	5645
C9	3.5 x 3.5 P.L. 1.8E Rb-2400 PSI (WOLMANIZED IF EXT.)	HDUS-SDS2.5 W/ (14) 1/4" x 2 1/2" SDS WS & 5/8" EPOXY ANCHOR, OR ATR**	5645
C10	3.5 x 7 P.L. 1.8E Rb-2400 PSI (WOLMANIZED IF EXT.)	HDUS-SDS2.5 W/ (20) 1/4" x 2 1/2" SDS WS & 7/8" EPOXY ANCHOR, OR ATR**	6970
C11	5.25 x 5.25 P.L. 1.8E Rb-2400 PSI (WOLMANIZED IF EXT.)	HDUS-SDS2.5 W/ (20) 1/4" x 2 1/2" SDS WS & 7/8" EPOXY ANCHOR, OR ATR**	7870
C12	7 x 7 P.L. 1.8E Rb-2400 PSI (WOLMANIZED IF EXT.)	HDUS-SDS2.5 W/ (20) 1/4" x 2 1/2" SDS WS & 7/8" EPOXY ANCHOR, OR ATR**	7870
C13	5.25" x 7" P.L. 1.8E Rb-2400 PSI (WOLMANIZED IF EXT.)	HDUS-SDS2.5 W/ 7/8" ATR AND (20) 1/4" x 1/2" SDS WOOD SCREWS	7870

**GENERAL COLUMN NOTES**

- SEE FLOOR PLAN FOR WALL WIDTH. STUD PACKS TO MATCH WALL WIDTH UNO.
- ALL STRUCTURAL LUMBER TO BE SYP #1 OR SPF #2 UNO ON PLAN.
- NAIL BUILD UP STUDS PER DETAIL WF37
- MINIMUM BOLT EMBEDMENT:
  - 5" EMBEDMENT FOR 1/2" ATR
  - 6" EMBEDMENT FOR 5/8" ATR
  - 6" EMBEDMENT FOR 7/8" ATR
- IF (C) COLUMN IS INDICATED ON SECOND FLOOR, THE BASE CONNECTION IS NOT REQUIRED. (SEE INDICATED CALL OUT ON PLAN FOR ATTACHMENT)
- SEE WOOD CONSTRUCTION NOTE #4 ON COVER SHEET FOR CORROSION INFORMATION
- SAME NOMINAL SIZE PARALLEL COLUMNS (LBS) MAY BE SUBSTITUTED FOR ANY P.T. SYP POST NOTED IN THE PLANS

COMMON NAIL vs. PNEUMATIC GUN NAILS:					
COMMON NAIL	DIA. / LENGTH	PNEUMATIC GUN NAIL	COMMON vs. GUN NAIL DIA. LENGTH	APPLICATION	
8d	0.131" X 2 1/2"	0.131" X 2 1/2"	SEE PLAN RING SHANK ON ROOF	SHEATHING ROOF & WALLS	
10d OR 12d	0.148" X 3"	0.131" X 3"	SEE PLAN	BLOCKING & TOE NAILS & TOP PLATE	
12d	0.148" X 3 1/4"	0.131" X 3 1/4"	8" O.C. (COMMON)	STUD WALL CORNERS	
10d	0.148" X 3"	0.131" X 3"	6" O.C. (COMMON)	STUD PACK COLUMNS	
16d	0.162" X 3 1/2"	0.131" X 3 1/2"	(2) 16d (COMMON)	SEE PLAN	

HEADER SCHEDULE		
(IF USED, SEE DET. "W" ON SHEET S-2 FOR ENERGY STAR INSULATION ON HEADERS)		
MARK	HEADER SIZE	REMARKS
H1	(2) - 2X6 #2 SYP W/ 1/2" FLITCH PLATE	SEE GENERAL HEADER NOTE #5 THIS SHEET
H2	(2) - 2X8 #2 SYP W/ 1/2" FLITCH PLATE	SEE GENERAL HEADER NOTE #5 THIS SHEET
H3	(2) - 2X10 #2 SYP W/ 1/2" FLITCH PLATE	SEE GENERAL HEADER NOTE #5 THIS SHEET
H4	(2) - 2X12 #2 SYP W/ 1/2" FLITCH PLATE	SEE GENERAL HEADER NOTE #5 THIS SHEET
H5	(2) - 1 3/4" X 11 1/4" LVL 2.0E Fb-2600 PSI	ATTACH TOGETHER W/ (2) ROWS 14" X 3 1/2" SDS WD SCREWS @ 16" O.C. TYP. EACH SIDE
H6	(2) - 1 3/4" X 9 1/4" LVL 2.0E Fb-2600 PSI	ATTACH TOGETHER W/ (3) ROWS 14" X 3 1/2" SDS WD SCREWS @ 16" O.C. TYP. EACH SIDE

HEADER SUPPORT NO. OF JACKS & STUDS REQ. AT OPENINGS					
OPENING SIZE	2x4 WALL		2x6 OR 2x8 WALL		
	JACKS EA. END	KINGS EA. END	JACKS EA. END	KINGS EA. END	
1'-0" - 3'-11"	(1)	(2)	(1)	(2)	
4'-0" - 9'-11"	(2)	(3)	(2)	(3)	
10'-0" - 16'-0"	(3)	(4)	(3)	(4)	

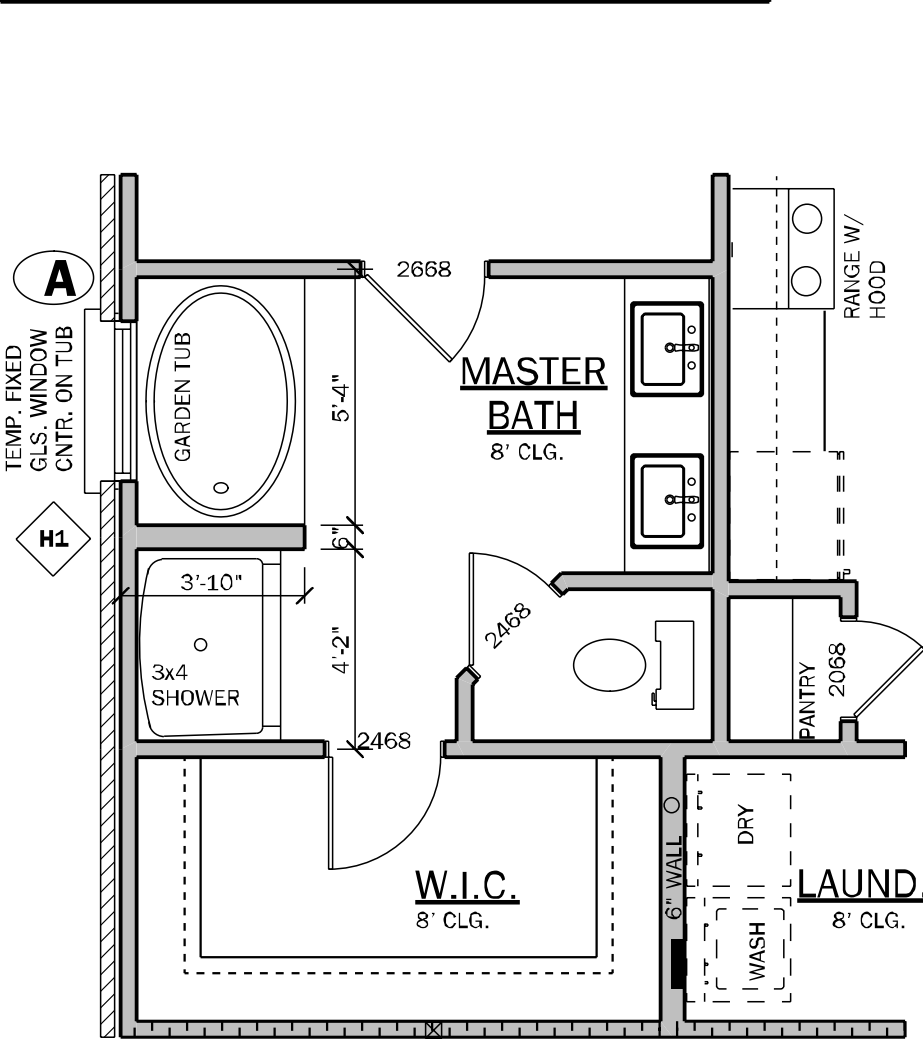
**GENERAL HEADER NOTES**

- VERIFY W/ PLAN CORRECT LENGTH OF HEADER REQUIRED
- IF HEADER IS ON THE 1st FLOOR SEE PLAN FOR BEARING WALL TYPE AND FOLLOW INSTRUCTIONS WITHIN BEARING WALL SCHEDULE FOR REQUIRED CORRECTIONS UNO ON PLAN
- IF HEADER IS ON THE 2nd FLOOR SEE PLAN FOR INDICATED HEADER CONNECTION FOR REQUIRED CONNECTIONS
- ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL WF37
- FASTEN ALL MULTI-PLY HEADERS TOGETHER W/ (2) ROWS 12d COMMON NAILS AT 12" o.c. ALONG EACH EDGE OR (3) ROWS IF 2X10 OR LARGER
- FASTEN ALL HEADERS TO KING STUDS WITH (3) 12d TOENAILS PER SIDE
- IF HEADER IS NOT SPECIFIED CONTACT E.O.R.

MARK	BEAM SIZE	CONNECTIONS
BM1	(2) 2 x 8 #2 SYP W/ 7/16" OSB FLITCH PLATE, NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HTA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM2	(2) 2 x 10 #2 SYP W/ 7/16" OSB FLITCH PLATE, NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HTA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM3	(2) 2 x 12 #2 SYP W/ 7/16" OSB FLITCH PLATE, NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HTA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM4	(2) 1 3/4" x 11 1/4" LVL 2.0E Fb-2600 PSI, NAIL BEAM TOGETHER USING (2) ROWS 1/4" x 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HTA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM5	(2) 1 3/4" x 11 7/8" LVL 2.0E Fb-2600 PSI, NAIL BEAM TOGETHER USING (2) ROWS 1/4" x 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HTA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM6	(2) 1 3/4" x 16" LVL 2.0E Fb-2600 PSI, NAIL BEAM TOGETHER USING (2) ROWS 1/4" x 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HTA16 TO CMU COL. U.N.O. ON ROOF PLAN.

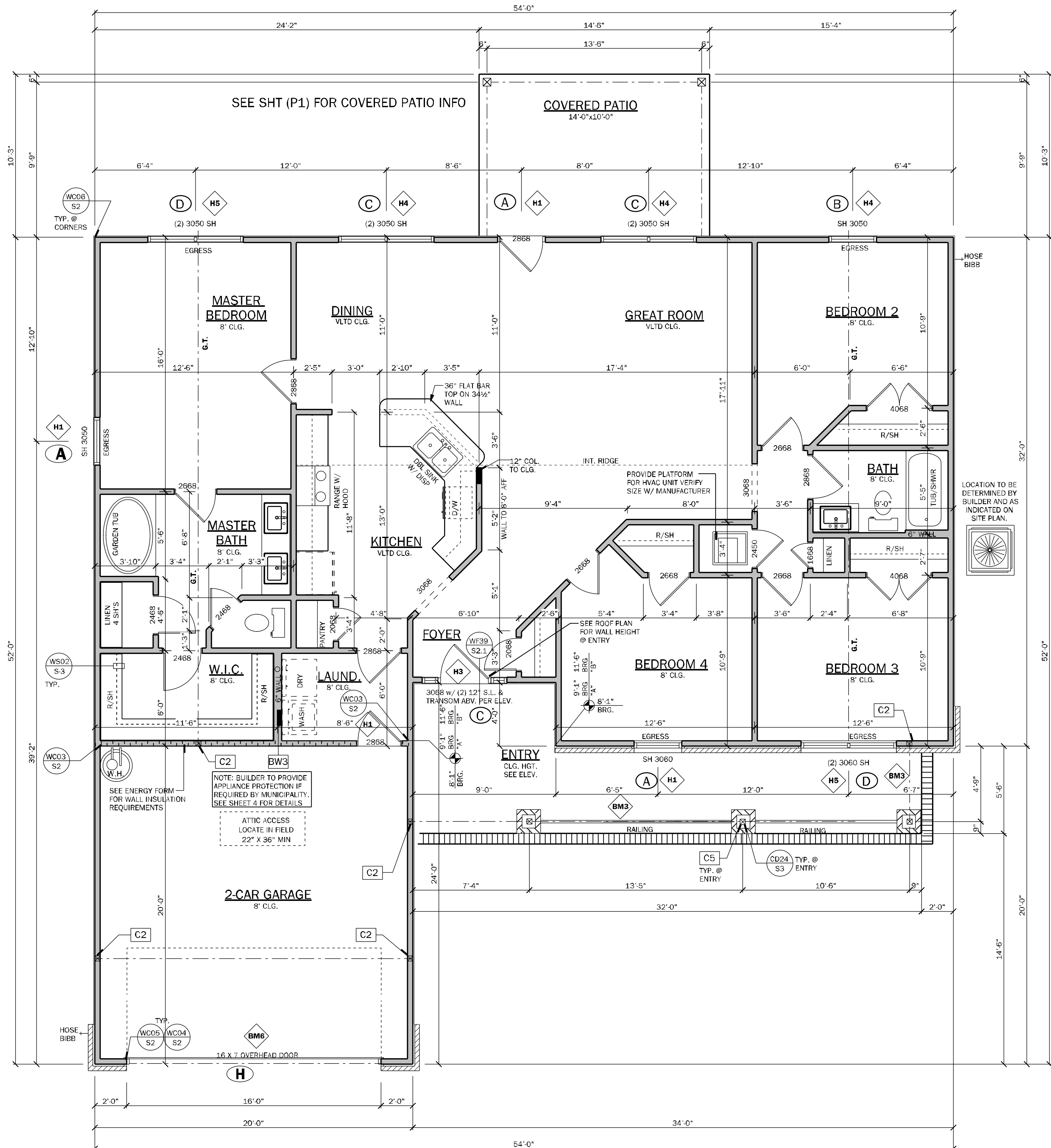
**GENERAL BEAM NOTES**

- VERIFY WITH PLAN CORRECT LENGTH OF BEAMS REQUIRED (MIN. 4" BEARING EACH END)
- SEE PLAN FOR TOP OR BOTTOM OF BEAM INDICATIONS
- BEAMS ARE NOT TO BE DRILLED OR NOTCHED IN ANY WAY WITHOUT WRITTEN APPROVAL FROM THE E.O.R.



Y N		MASTER BA. OPTIONS	
X		2030 (1) P.C. FIBERGLASS SHOWER IN LIEU OF LINEN CLOSET W/ (1) L.D. DISC LT.	
		3'-4" X 4'-0" TEMP. FIXED GLS. WINDOW CNTR. ON TUB	

**OPTIONAL MASTER BATH**  
NOTE: NO DIMENSIONAL CHANGES



**FLOOR PLAN**  
SCALE: 1/4" = 1'-0"  
ELEVATION "D"

**NOTE:**  
○ INDICATES OPENINGS WIND PRESSURES. SEE WIND LOADING CRITERIA ON COVER SHEET FOR INFORMATION.

WALL LEGEND	
FRAMED WALL	
BEARING FRAME WALL	
FRAMED WALL W/ BRICK VENEER	
FRAMED WALL W/ SIDING OR STUCCO	

**GENERAL NOTES**

- R302.6 (table 302.6) If water based ceiling texture material is used, Provide 1/2" gypsum board for 16" O.C. Framing, or 5/8" gypsum board for 24" O.C. Framing. Note 1/2" sag-resistant gypsum board may be used I.O. 5/8" gypsum board. 5/8" type "X" gypsum board must be installed on garage ceiling beneath habitable room(s).
- R302.5.2 Duct Penetration. Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel, 1 inch minimum rigid nonmetallic class 0 or class 1 duct board, or other approved material and shall not have openings into the garage.
- R302.5.1 Door from garage into house must be a minimum 1 3/8" solid wood door, solid or honeycomb core steel door, or 20 Minute fire rated door.
- R302.7 Enclosed space under stairs that is accessed by a door or access panel shall have walls, under-stair surfaces and any soffits protected on the enclosed side with 1/2" gypsum board.
- Outdoor swimming pools shall be provided with a barrier complying with R4501.17.1.1 through R4501.17.1.14.
- Bathroom exhaust fans must vent to the exterior of the building, exhaust to attic space and soffits is not acceptable. Ventilation shall be permitted to exit through the soffit if solid soffit is installed 5'-0" on each side of the venting.
- R302.6 The garage shall be separated from the residence and its attic as required by Table R302.6. From the residence and attics by not less than 1/2-inch (12.7mm) gypsum board applied to the garage side. Garage beneath rooms shall be separated from all habitable rooms above by not less than 5/8 inch (15.9mm) type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2 inch (12.7mm) gypsum board or equivalent.
- R312.1 Window sills. In dwelling units, where the bottom of the clear opening of an operable window opening is located less than 24 inches (610 mm) above the finished grade and greater than 72 inches (1829 mm) above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following:
  - Operable windows with openings that will not allow a 4-inch diameter (102 mm) sphere to pass through the opening where the opening is in its largest opened position.
  - Operable windows that are provided with window fall prevention devices that comply with ASTM F2090.
  - Operable windows that are provided with window opening control devices that comply with Section R312.2.2.
- R308.4.2 All windows within 2'-0" of doors and in shower or tub areas will be safety tempered glass.
- EC: R402.2.4 Vertical or horizontal access doors from conditioned spaces to unconditioned spaces such as attics and crawl spaces shall be weatherstripped and insulated to a level equivalent to the insulation on the surrounding surfaces.
- M1502.4.5 Duct length. The maximum allowable exhaust duct length shall be determined by one of the methods specified in sections M1502.4.5.1 through M1502.4.5.3
  - M1502.4.5.1 Duct termination. Exhaust ducts shall terminate on the outside of the building. Exhaust duct terminations shall be in accordance with the dryer manufacturer's installation instructions. If the manufacturer's instructions do not specify a termination location, the exhaust duct shall terminate not less than 3 feet (914 mm) in any direction from openings into buildings, including openings in ventilated soffits. Exhaust duct terminations shall be equipped with a backdraft damper. Screens shall not be installed at the duct termination.
  - Porch Ceilings: (See plan for the following options)
    - Option 1: Gypsum:
      - 1/2" exterior gypsum soffit board shall be attached to all framing members with 2x blocking provided at perimeter and panel edges.
      - The gypsum board shall be attached w/ Type "W" 1X" drywall screws at 8" O.C. in field and edges.
    - Option 2: Plywood Soffit:
      - 7/16" OSB on underside of roof trusses shall be attached to all framing members with 2x blocking provided at perimeter and panel edges. The OSB shall be attached w/ 8d nails at 6" O.C. field and 4" O.C. at edges or 7d screw shank 3" O.C. field and 4" edges.
  - Energy Code Compliance Path is Performance Based Path. Code cycle is FBC 2023 8th Edition.

**AREA CALCULATIONS**

1st FLOOR	1760 S.F.
TOTAL LIVING (AG)	1760 S.F.
GARAGE	425 S.F.
COVERED ENTRY	193 S.F.
COVERED PATIO/LANAI	140 S.F.
TOTAL AREA UNDER ROOF	2518 S.F.

\* ALL INTERIOR AND EXTERIOR WALL FRAMING, INCLUDING FURRING STRIPS ON CMU WALLS, TO BE SPACED AND 16" O.C. (U.N.O.)

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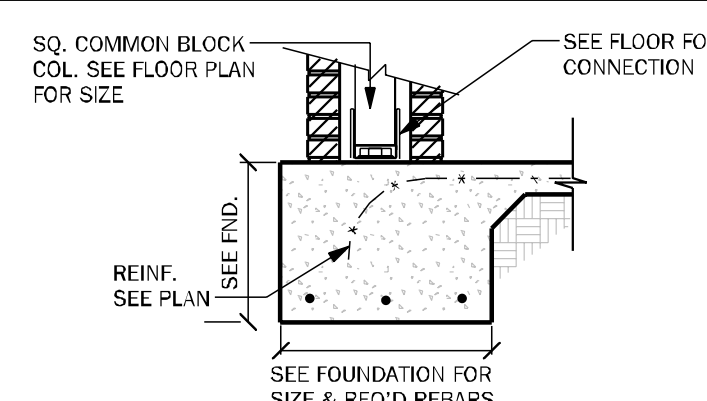
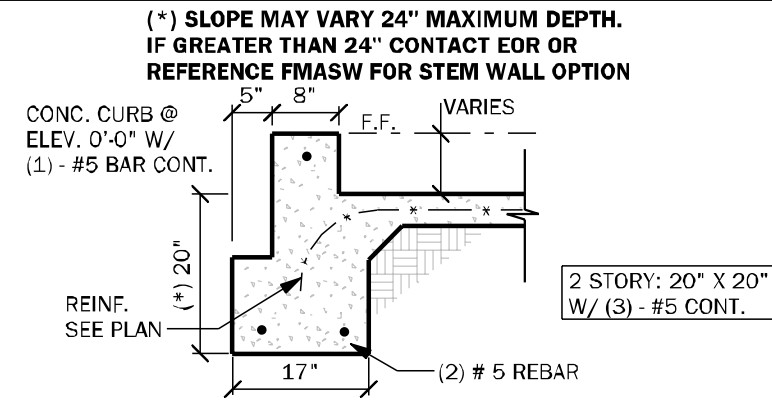
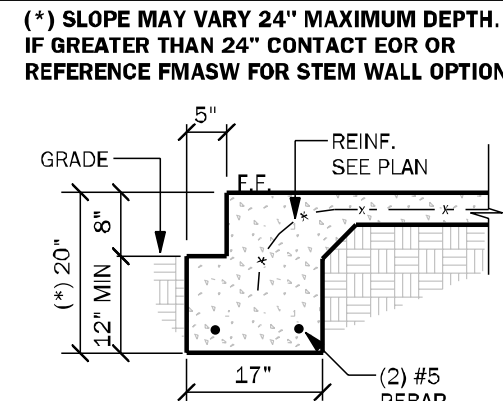
**DIVISION LOCATION:**  
GAINESVILLE

**Job Information:**  
Model Name / Number:  
**1755**  
Plan Issue Date:  
Wednesday, December 11, 2024  
KA PROJECT NUMBER:  
**24-13141**  
Sheet: **2** OF  
**FLOOR PLAN**

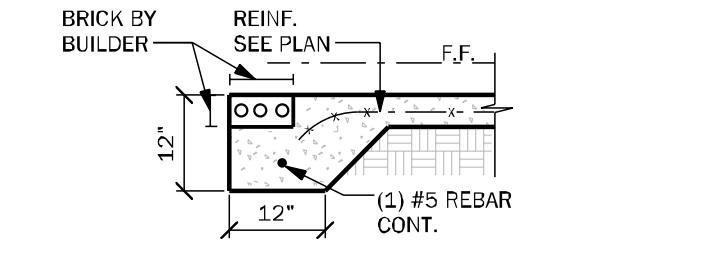
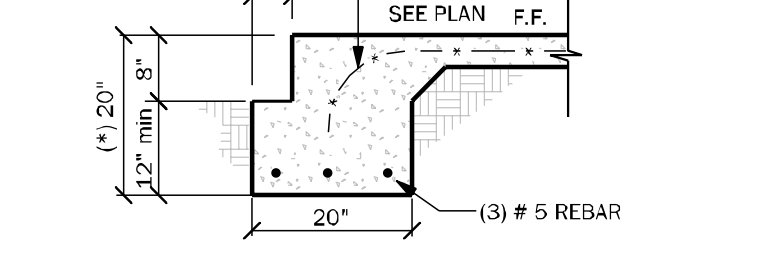
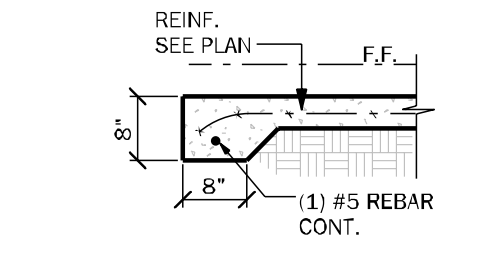
**INVENTORY**  
LOT: 94  
BLK:  
SEC:  
SUB:  
PRESERVE AT LAUREL LAKE  
747 SW ROSEMARY DR.  
LAKE CITY, FL

**WEDNESDAY, DECEMBER 11, 2024**





<b>FM01</b>	SINGLE STORY FTG	1/2" = 1'-0"	<b>FM02</b>	SECTION @ GARAGE	1/2" = 1'-0"	<b>FM25</b>	PORCH COLUMN W/ BRICK	1/2" = 1'-0"
			(*) SLOPE MAY VARY 24" MAXIMUM DEPTH. IF GREATER THAN 24" CONTACT EDR OR REFERENCE FMASW FOR STEM WALL OPTION					
<b>FM03</b>	THICKENED EDGE	1/2" = 1'-0"	<b>FM08</b>	2-STORY FTG.	1/2" = 1'-0"	<b>FM26</b>	THICKENED EDGE W/ BRICK	1/2" = 1'-0"



**IF GREATER THAN 24" CONTACT EOR OR REFERENCE FMASW FOR STEM WALL OPTION**

PROVIDE 13" WIDE RECESS AT GARAGE DOOR, EXTEND 6" BEYOND F.O.M. EACH END, TYP.

ALIGN DRIVE W/ BOTTOM OF RECESS & PITCH DRIVE

4" CONC. DRIVE W/ 1/2" EXP JOINTS 10" O.C. TYP.

FRONT WALL OF GARAGE

GAR. FIN. FLR.

20"

17"

2 STORY: 20" X 20" W/ (3) - #5 CONT.

(2) #5 REBAR

2x BRG. WALL (SEE FLOOR PLAN FOR MORE INFORMATION)

12"

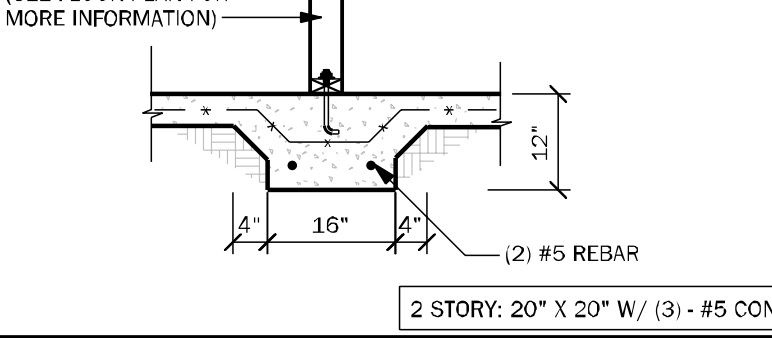
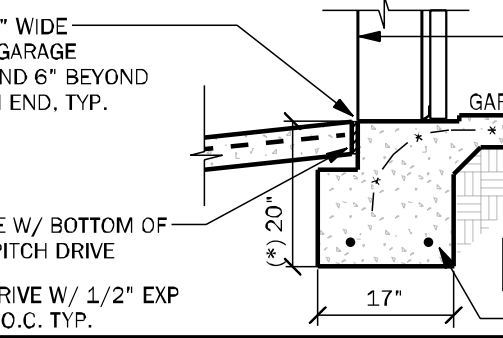
4"

16"

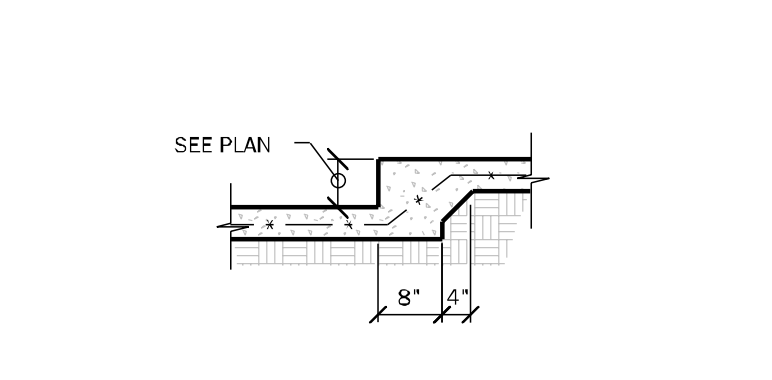
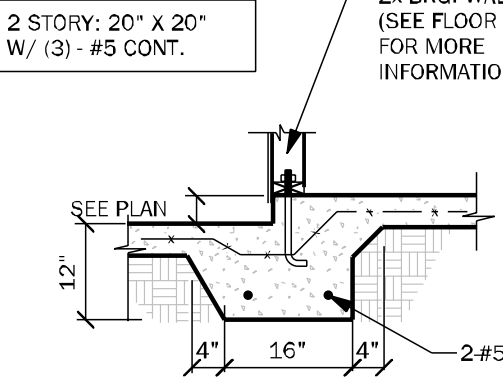
4"

(2) #5 REBAR

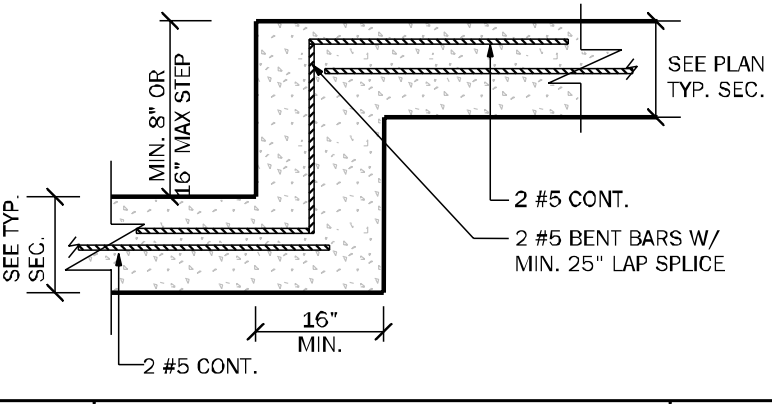
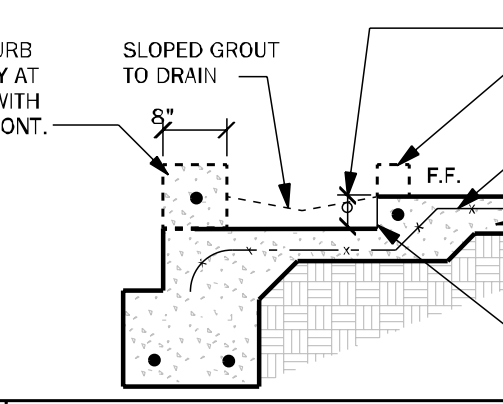
2 STORY: 20" X 20" W/ (3) - #5 CONT.

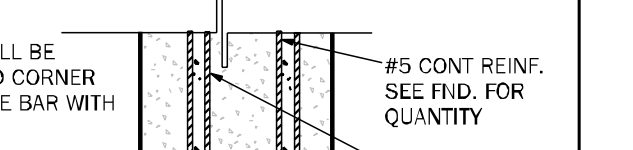



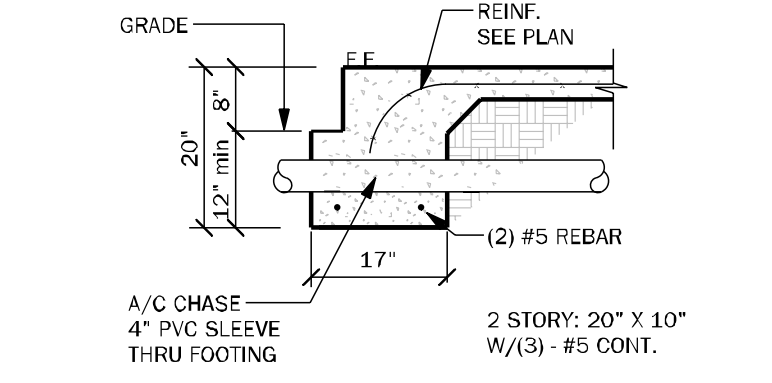
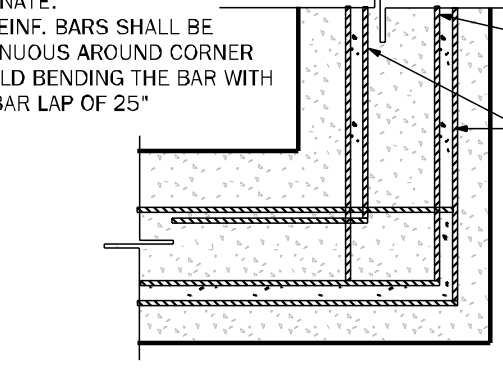
<b>FM09</b>	<b>SECTION @ GAR. DOOR</b>	$1/2" = 1'-0"$	<b>FM10</b>	<b>INTERIOR BRG WALL</b>	$1/2" = 1'-0"$
<div><div>2 STORY; 20" X 20" W/ (3) - #5 CONT.</div><div>2x BRG. WALL (SEE FLOOR PLAN FOR MORE INFORMATION)</div><div>SEE PLAN</div><div>12"</div><div>4" 16" 4"</div><div>2 #5 REBAR</div></div>			<div><div>SEE PLAN</div><div>8" 4"</div></div>		<div><b>GENERAL FOUNDATION NOTES (U.N.O.)</b><div><div>1</div><div>PROVIDE MIN. 6 MIL. APPROVED VAPOR BARRIER. ALL JOINTS TO BE LAPPED MIN. 6" AND SEALED.</div></div><div><div>2</div><div>4" 2500 PSI CONC. SLAB W/ 6X6 W1.4 X W1.4 OR FIBERMESH /FIBERMIX ADDED TO THE CONCRETE. IN ACCORDANCE W/ MANUF.'S INSTRUCTIONS AND NER-284 FOR FIBERMESH OR NER-414 FOR FIBERMIX. OVER 6 MIL VISQUEEN VAPOR BARRIER. GC SHALL PROVIDE APPROVED SOIL OR BORATE TERMIT TREATMENT.</div></div><div><div>3</div><div><div>■</div>INDICATES FILLED CELL W/ 3000 PSI CONC. FROM FTR. TO BEAM W/ (1) #8 REBAR TYPICAL ABOVE SLAB. HOOKED FTG. DOWELS 17" EMBEDMENT W/ 30" EXT. ABOVE SLAB.</div></div></div>



FM11		STEP DOWN BRG.	1/2" = 1'-0"	FM12		STEP DOWN NON BRG.	1/2" = 1'-0"
<p>OPTIONAL CURB OR MASONRY AT ELEV. 9'-0" WITH 1) #5 BAR CONT.</p> <p>SLOPED GROUT TO DRAIN</p> <p>SEE PLAN</p> <p>4"x4"x16" PAVR CURB (G.C. VERIFY)</p> <p>F.F.</p> <p>REIN. (SEE PLAN)</p> <p>MUDD' FLR. SLOPED TO DRAIN</p>				<p>SEE PLAN TYP. SEC.</p> <p>2 #5 CONT.</p> <p>2 #5 BENT BARS W/ MIN. 25" LAP SPUCE</p> <p>16" MIN.</p> <p>2 #5 CONT.</p>		<p>RECESSING DOOR SILLS OR SLIDING GLASS DOOR SILLS.</p> <p>5 EXTERIOR SLABS SHALL SLOPE MIN. 2% OR 1/4" PER FOOT AWAY FROM HOUSE U.N.O. ON PLAN.</p> <p>6 CONTROL JOINTS (IF SHOWN) ARE NOT REQUIRED BY CODE BUT ARE SUGGESTED (ESPECIALLY FOR CONCRETE SLAB IN EXTERIOR CONDITIONS). CONTROL JOINTS TO BE 1/8" SAW CUT A DEPTH OF 1/4 OF THE THICKNESS OF THE SLAB AND SPACED MAX. 10' APART. FILL CUT W/ APPROVED JOINT MATERIAL OR USE ALTERNATE APPROVED METHOD.</p> <p>7 NO WOOD STAKES PERMITTED IN FOUNDATION.</p> <p>8 PENDING SITE CONDITIONS, FOUNDATION MAY HAVE TO BE STEPPED DOWN. G.C. TO DETERMINE STEP LOCATIONS IF REQUIRED.</p> <p>9 R403.1.4 MINIMUM DEPTH. EXTERIOR FOOTINGS SHALL BE PLACED NOT LESS THAN 12" BELOW FINISHED GRADE.</p>	



<b>FM14</b> SECTION @ RECESS SHOWER	1/2" = 1'-0"	<b>FM18</b> TYP. STEP FIG. DETAIL	1/2" = 1'-0"	WHERE APPLICABLE, THE DEPTH OF FOOTINGS SHALL ALSO CONFORM TO SECTION R403.1.4.1.
<p>ALTERNATE: THE REINF. BARS SHALL BE CONTINUOUS AROUND CORNER BY COLD BENDING THE BAR WITH MIN. BAR LAP OF 25"</p>  <p>#5 CONT REINF. SEE FND. FOR QUANTITY</p> <p>#5 X 25' X 25' CORNER BAR ONE FOR EA. HORIZ. REBAR, TYP. U.N.O.</p> <p>4" PVC SLEEVE THRU FOOTING</p>		 <p>GRADE</p> <p>20'</p> <p>12' min</p> <p>17'</p> <p>A/C CHASE</p> <p>4" PVC SLEEVE THRU FOOTING</p> <p>2 STORY: 20' X 10' W/(3) - #5 CONT.</p>		<p>10 MASON TO COORDINATE WITH BUILDER ANY ELECTRICAL REQUIREMENT THROUGH SLAB</p> <p>11 PROVIDE 4" STEPDOWN TO SIDEWALK FROM ENTRY</p> <p>12 ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 2000 PSF SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS IF SOIL CONDITIONS DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN. SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - 1557 (MODIFIED PROCTOR) THE FOUNDATION SIZES INDICATED ON THE FOUNDATION PLAN HAS BEEN DESIGNED FOR A MINIMUM SOIL BEARING CAPACITY OF 2000 PSF.</p>

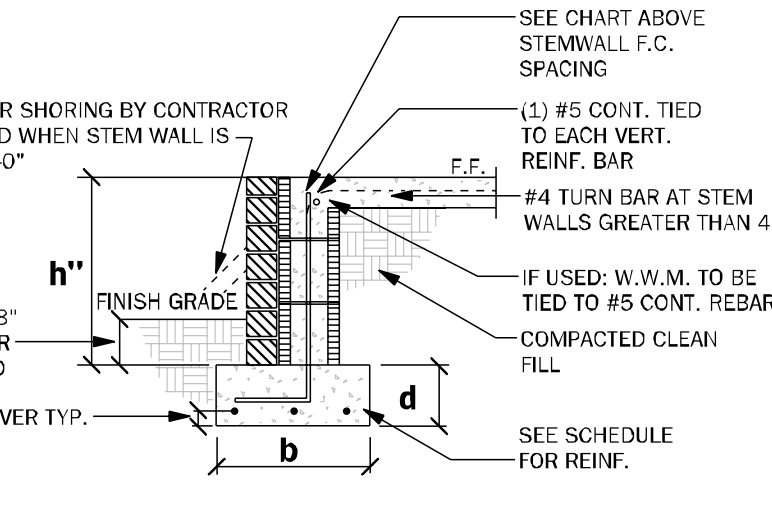


FM19		TYP. CORNER BAR DETAIL		1-1/2" = 1'-0"		FM23		TYP. FND PENETRATION		1/2" = 1' - 0"		FOOTING SCHEDULE				
												MARK	SIZE	DEPTH	REINFORCING	GRAVITY CAP. (lbs)

STEMWALL SCHEDULE							
STEMWALL HEIGHT (h)	FOOTING DIMENSION				NUMBER/SIZE OF BARS	LAT.	MAXIMUM F.C. SPACING (O.C.) IN STEM WALL
	d 1 STORY	d 2 STORY	b 1 STORY	b 2 STORY			
0'-0"-2'-0"	8"	10"	16"	20"	W/ (2) #5 BARS	<674#	6'-8"
>2'-0"-3'-4"	10"	10"	20"	24"	W/ (3) #5 BARS	674#	5'-4"
>3'-4"-4'-0"	12"	12"	32"	32"	W/ (4) #5 BARS	845#	4'-0"
>4'-0"-5'-4"	16"	16"	48"	48"	W/ (5) #5 BARS CONT. & #5 @ 18" O.C. TRANSV.	1162#	2'-8"

NOTES:

1. VERTICAL REINF. IN SOLID GROUTED CELLS AT ALL CORNERS, JAMS, WALL INTERSECTIONS, BELOW GIRDER TRUSS LOCATIONS, AND AT THE MAXIMUM SPACING STATED IN SCHEDULE
2. W.W.M. IS REQUIRED TO MAKE ADEQUATE CONNECTION BETWEEN SLAB AND WALL WHEN STEM WALL EXCEEDS 4'-0" FIBERMESH CAN NOT BE USED AND #4 TURN BARS ARE REQUIRED @ EACH FILLED LOCATION. EACH BAR TO TURN INTO VERTICAL BAR AND EXTEND OUT A MIN. 4'-0" INTO SLAB/ STEM
3. STEM IS REQUIRED TO BE HIGHER CONTACT ENGINEER OF RECORD PRIOR TO CONSTRUCTION FOR MORE INFORMATION
4. G.C. TO PROVIDE ADEQUATE BRACING OF STEM WALL WHEN UNEVEN BACK FILLING IS TAKING PLACE
5. #5 HORIZONTAL CORNER BARS WITH 4'-0" LEGS IN KNOCKOUT BLOCK @ 16" O.C. VERTICAL. GROUTED SOLID WHEN STEM WALL IS GREATER THAN 4'-0" TALL (TYPICAL AT ALL CORNERS)
6. IF STEM WALL IS WITH IN 4'-0" OF POOL OR WATER FEATURE FOUNDATIONS TO BE A MINIMUM 12" BELOW BOTTOM OF POOL OR WATER FEATURE.
7. ALL STEM WALLS GREATER THAN (4) COURSES SHALL BE FULLY GROUTED.
8. R.403.1.4 MINIMUM DEPTH: ALL EXTERIOR FOOTINGS (BOTTOM) SHALL BE PLACED AT LEAST 12" BELOW THE UNDISTURBED GROUND SURFACE.
- SEE CHART ABOVE. STEM WALL F.C. SPACING
- EXTERIOR SHORING BY CONTRACTOR AS REQ'D WHEN STEM WALL IS OVER 4'-0"
- (1) #5 CONT. TIED TO EACH VERT. REINF. BAR
- #4 TURN BAR AT STEM WALLS GREATER THAN 4'
- IF USED: W.W.M. TO BE TIED TO #5 CONT. REBAR
- FINISH GRADE
- MIN. 8" COVER REQ'D
- 3" COVER TYP.
- SEE SCHEDULE FOR REINF.
- 
- h
- b
- d
- FINISH GRADE
- MIN. 8" COVER REQ'D
- 3" COVER TYP.



<b>FMASW</b>	ALTERNATE STEM WALL FOOTING SCHEDULE	1/2" = 1'-0"
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GENERAL FOUNDATION NOTES (U.N.O.)

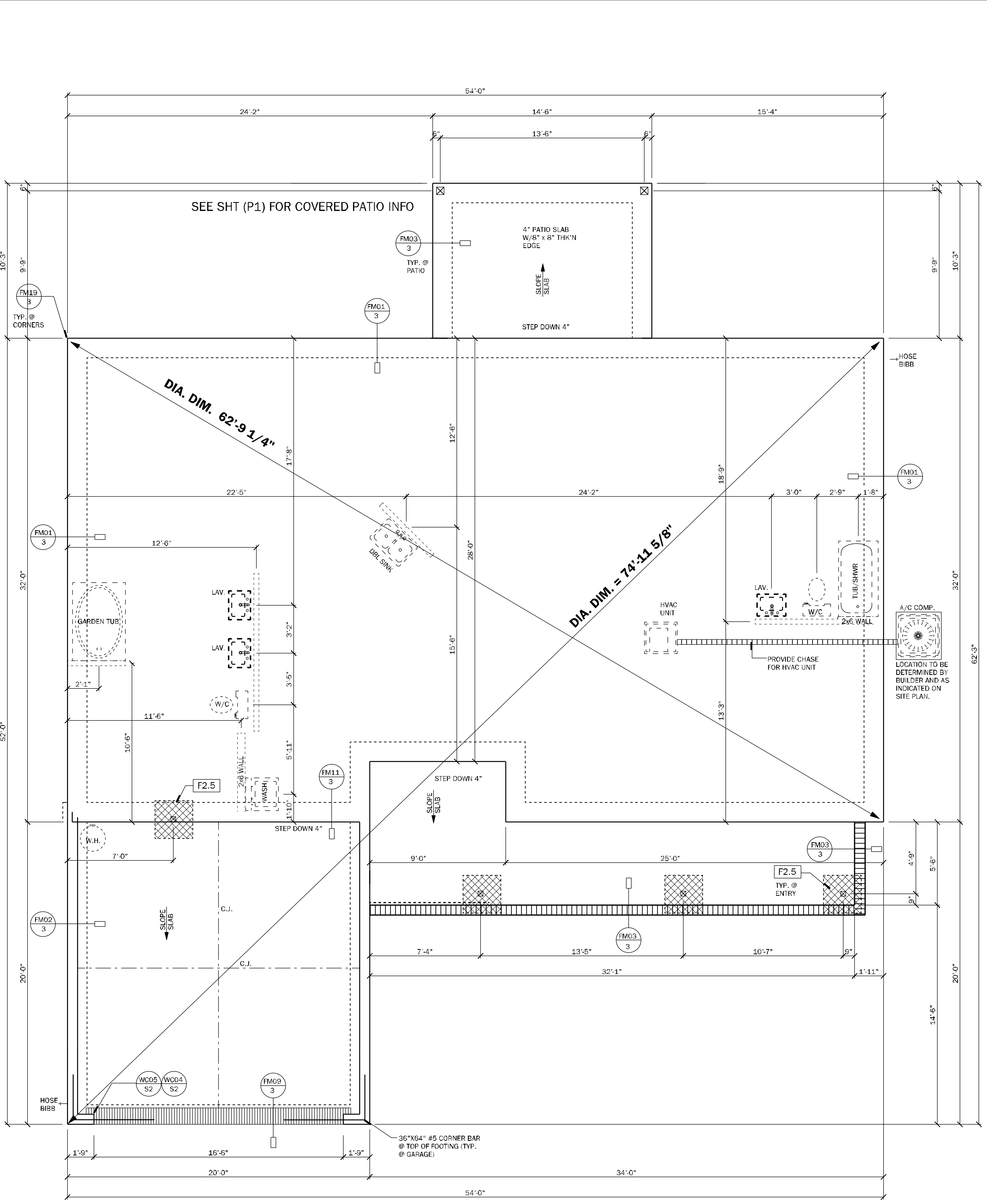
- 1 PROVIDE MIN. 6 MIL. APPROVED VAPOR BARRIER. ALL JOINTS TO BE LAPPED MIN. 6" AND SEALED.
- 2 4" 2500 PSI CONC. SLAB W/ 6X6 W.I. 4 X W.I. 4 OR FIBERMESH /FIBERMIX ADDED TO THE CONCRETE. IN ACCORDANCE W/ MANUF.'S INSTRUCTIONS AND NER-284 FOR FIBERMESH OR NER-424 FOR FIBERMIX. OVER 6 MIL VISOQUEL VAPOR BARRIER. G. SHALL PROVIDE APPROVED SOIL OR BORATE TREATMENT.
- 3 ■ INDICATES FILLED CUL W/ 3000 PSI CONC. FROM FTR. TO BEAM W/ (1) 50% REBAR TYPICAL ABOVE SLAB. HOOKED FTG. DOWELS 17" EMBEDMENT W/ 30" EXT. ABOVE SLAB.
- 4 CONSULT W/ MANUF. SPECIFICATIONS PRIOR TO POURING OR RECESSING DOOR SILLS OR SLIDING GLASS DOOR SILLS.
- 5 EXTERIOR SLABS SHALL SLOPE MIN. .2% OR 1/4" PER FOOT AWAY FROM HOUSE U.N.O. ON PLAN.
- 6 CONTROL JOINTS (IF SHOWN) ARE NOT REQUIRED BY CODE BUT ARE SUGGESTED (ESPECIALLY WHEN USING FIBER REIN. CONCRETE OR IN EXTERIOR CONDITIONS). CONTROL JOINTS TO BE 1/8" SAW CUT A DEPTH OF 1/4 OF THE THICKNESS OF THE SLAB AND SPACED MAX. 10' APART. FILL CUT W/ APPROVED JOINT MATERIAL OR USE ALTERNATE APPROVED METHOD.
- 7 NO WOOD STAKES PERMITTED IN FOUNDATION.
- 8 PENDING SITE CONDITIONS, FOUNDATION MAY HAVE TO BE STEPPED DOWN. G.C. TO DETERMINE STEP LOCATIONS IF REQUIRED.
- 9 R403.4.3 MINIMUM DEPTH. EXTERIOR FOOTINGS SHALL BE PLACED NOT LESS THAN 42 INCHES BELOW THE FINISHED GRADE OF GROUND SURFACE WHERE APPLICABLE. THE DEPTH OF FOOTINGS SHALL ALSO CONFORM TO SECTION R403.4.3.1.
- 10 MASON TO COORDINATE WITH BUILDER ANY ELECTRICAL REQUIREMENT THROUGH SLAB.
- 11 PROVIDE 4" STEPDOWN TO SIDEWALK FROM ENTRY
- 12 ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 2000 PSF SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS IF SOIL CONDITIONS IN THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN. SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - 1557 (MODIFIED PROCTOR ) THE FOUNDATION SIZES INDICATED ON THE FOUNDATION PLAN HAS BEEN DESIGNED FOR A MINIMUM SOIL BEARING CAPACITY OF 2000 PSF.

FOOTING SCHEDULE

MARK	SIZE	DEPTH	REINFORCING	GRAVITY CAP. (lbs)
F1.0	1'-0" X CONT.	1'-0"	2 #5 E.W. BOT.	2000
F2.0	2'-0" X 2'-0"	1'-0"	3 #5 E.W. BOT.	7200
F2.5	2'-6" X 2'-6"	1'-0"	3 #5 E.W. BOT.	11000
F3.0	3'-0" X 3'-0"	1'-0"	4 #5 E.W. BOT.	15600
F3.5	3'-6" X 3'-6"	1'-0"	4 #5 E.W. BOT.	21500
F4.0	4'-0" X 4'-0"	1'-0"	5 #5 E.W. BOT.	28000
F4.5	4'-6" X 4'-6"	1'-4"	5 #5 E.W. BOT.	34500
F5.0	5'-0" X 5'-0"	1'-4"	6 #5 E.W. BOT.	42500
F6.0	6'-0" X 6'-0"	1'-4"	7 #5 E.W. BOT.	61500

### LEGEND

- |   |                                  |
|---|----------------------------------|
|  | - INDICATES SINGLE-STORY FOOTING |
|  | - INDICATES TWO-STORY FOOTING    |
|  | - INDICATES PAD FOOTING          |

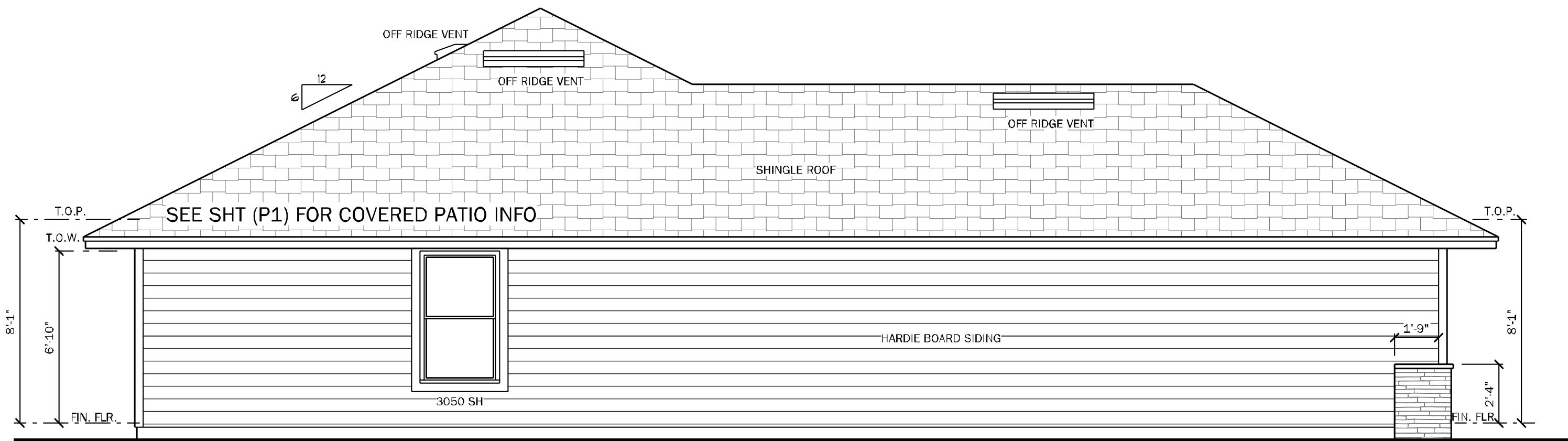


FOUNDATION PLAN  
SCALE: 1/4" = 1'-0"  
ELEVATION "D"



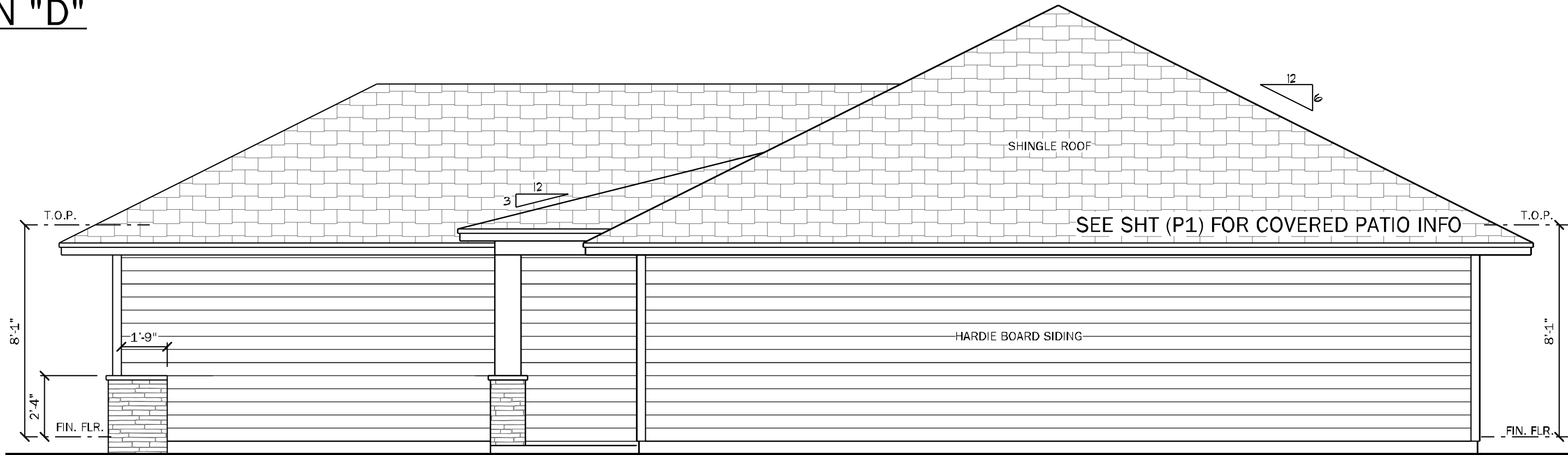






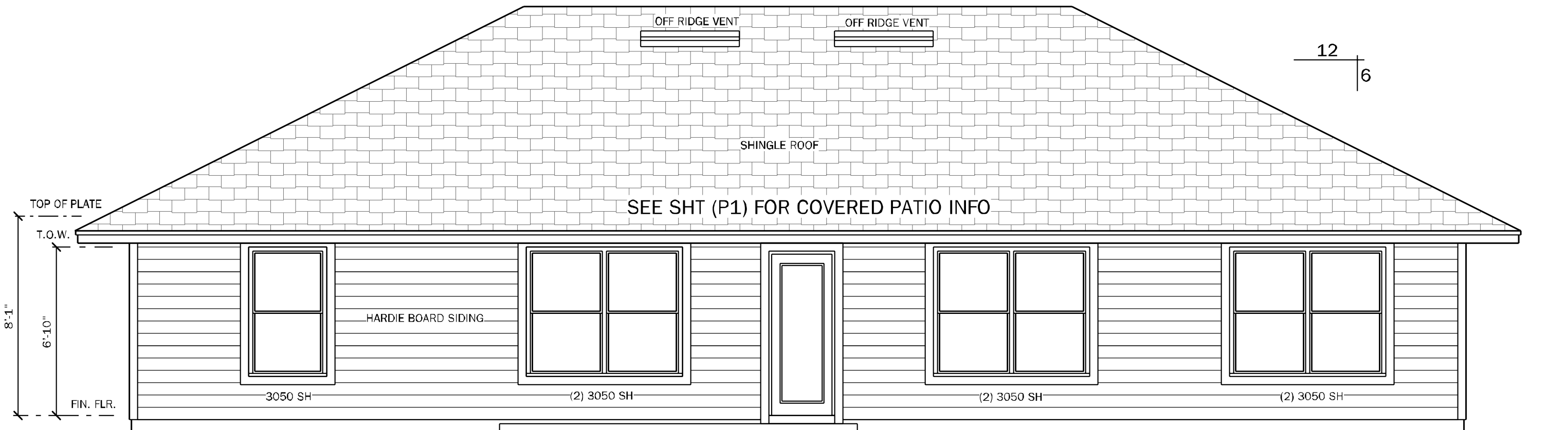
LEFT ELEVATION "D"

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



RIGHT ELEVATION "D"

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



REAR ELEVATION

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



FRONT ELEVATION "D"

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

VENTILATION CALCULATION		
Formula = SF / 300 / 2 * 144 = net sq inches of venting needed equally for intake and exhaust		
Soffit product provides	4.12	net sq in / sf
Ridge vent provides	18.00	net sq in / lf
Off ridge vent provides	138.00	net sq in / sf
Overhang distance	2.00	ft
S.F. of Area to be vented (SF)	2518	s.f.
Total needed for exhaust for upper 1/3	604	net sq inches
Total needed for intake (soffit area, lower)	604	net sq inches
Number of Off Ridge Vents for upper 1/3 needed	4	
L.F. of Ridge Vent needed (can be used in combo with ORV)	34	
Lineal Feet of Soffit needed to meet required	73	
Lineal Feet of Soffit provided by plan	212	

COUNTY  
SEAL

Wednesday, December 11, 2024

To the best of the Engineer's knowledge, information, and belief, the design and construction of the project complies with the current Florida Building Code. Engineer's signature is not valid until the project is approved by the local authority having jurisdiction.

**FDS**  
ENGINEERING ASSOCIATES  
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288 Southfield Lane, Suite 200  
Pensacola, Florida 32504  
Certificate of Authorization No. 9481

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AA26003115  
AAS2003115

☐

**AD**  
ARCHITECTURAL DESIGN

**DAMS HOMES**  
FLORIDA CONTRACTORS LICENSE NO. CRC1330146  
100 WEST GARDEN STREET  
PENSACOLA FL 32502

DIVISION LOCATION:  
GAINESVILLE

Job Information:

**INVENTORY**

LOT: 94  
BLK:  
SEC:  
SUB: PRESERVE AT LAUREL LAKE  
747 SW ROSEMARY DR.  
LAKE CITY, FL

Model Name / Number:

1755

Plan Issue Date:

Wednesday, December 11, 2024

KA PROJECT NUMBER:

24-13141

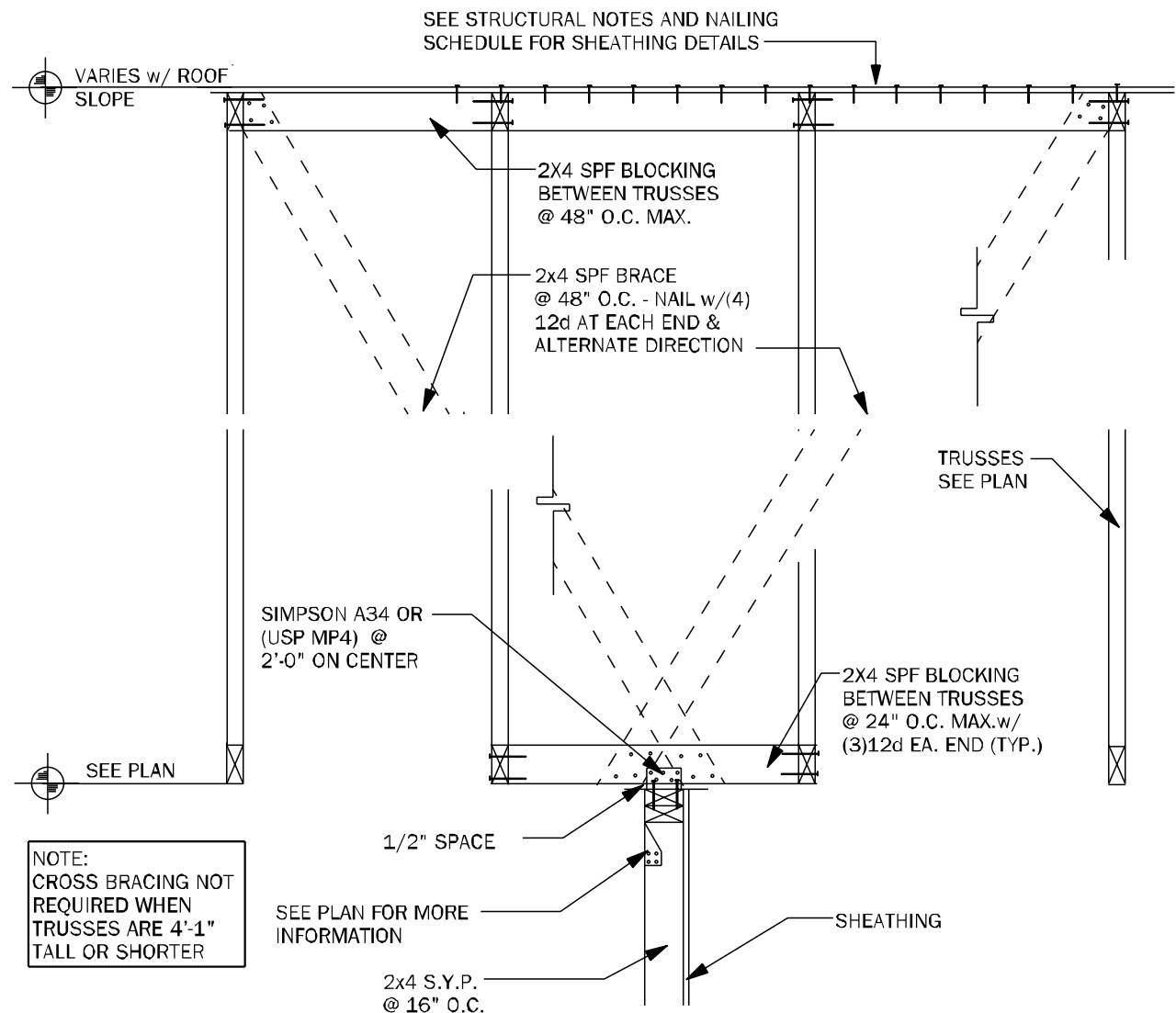
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ELEVATIONS

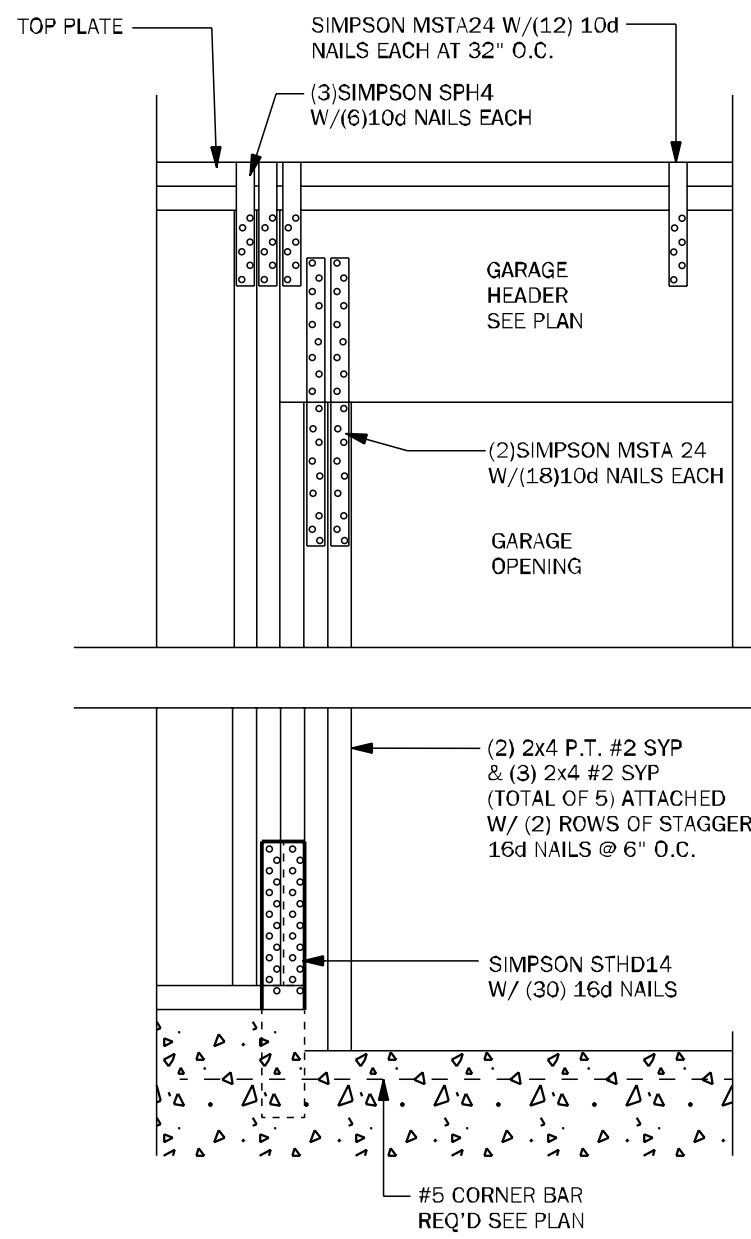




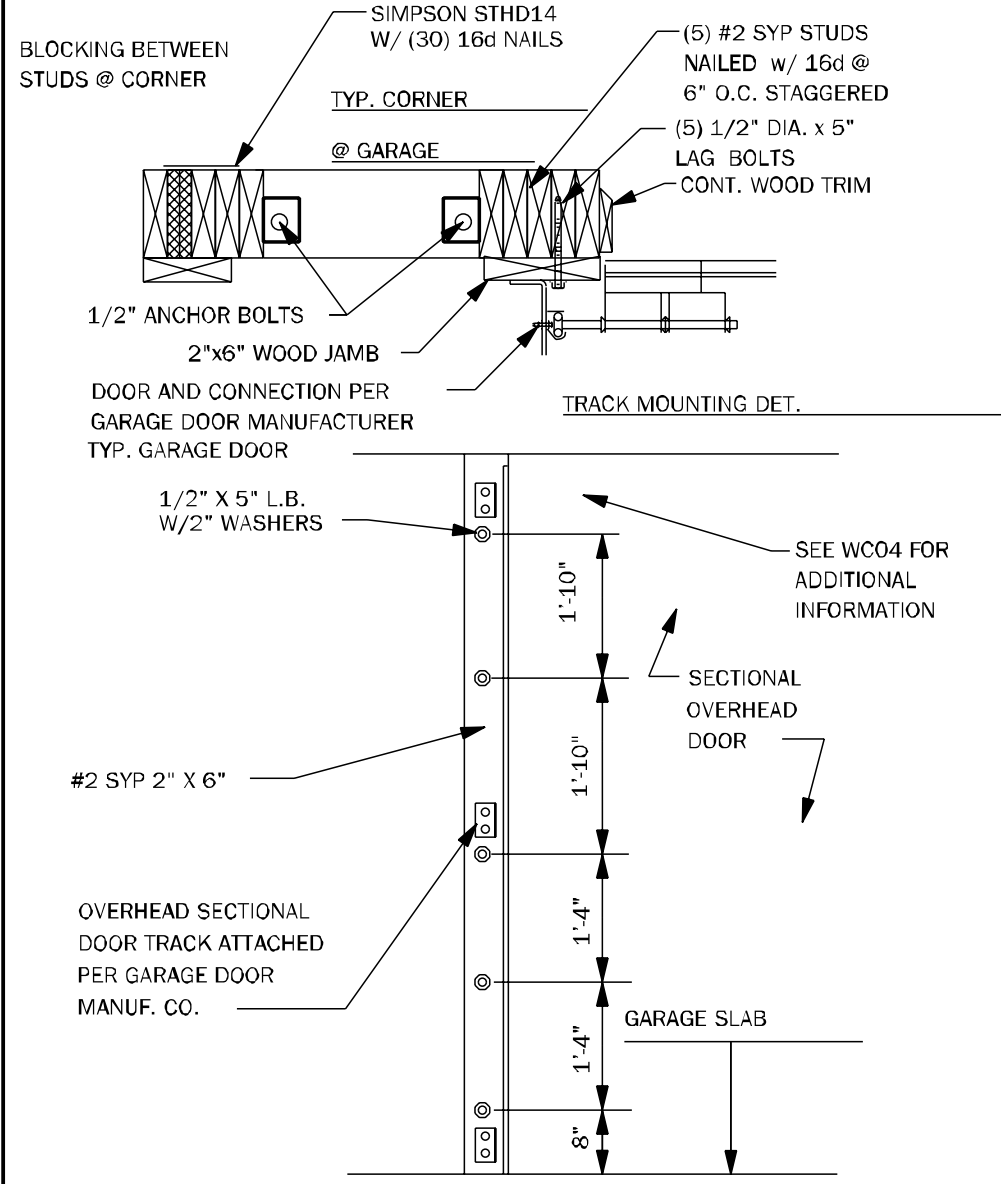




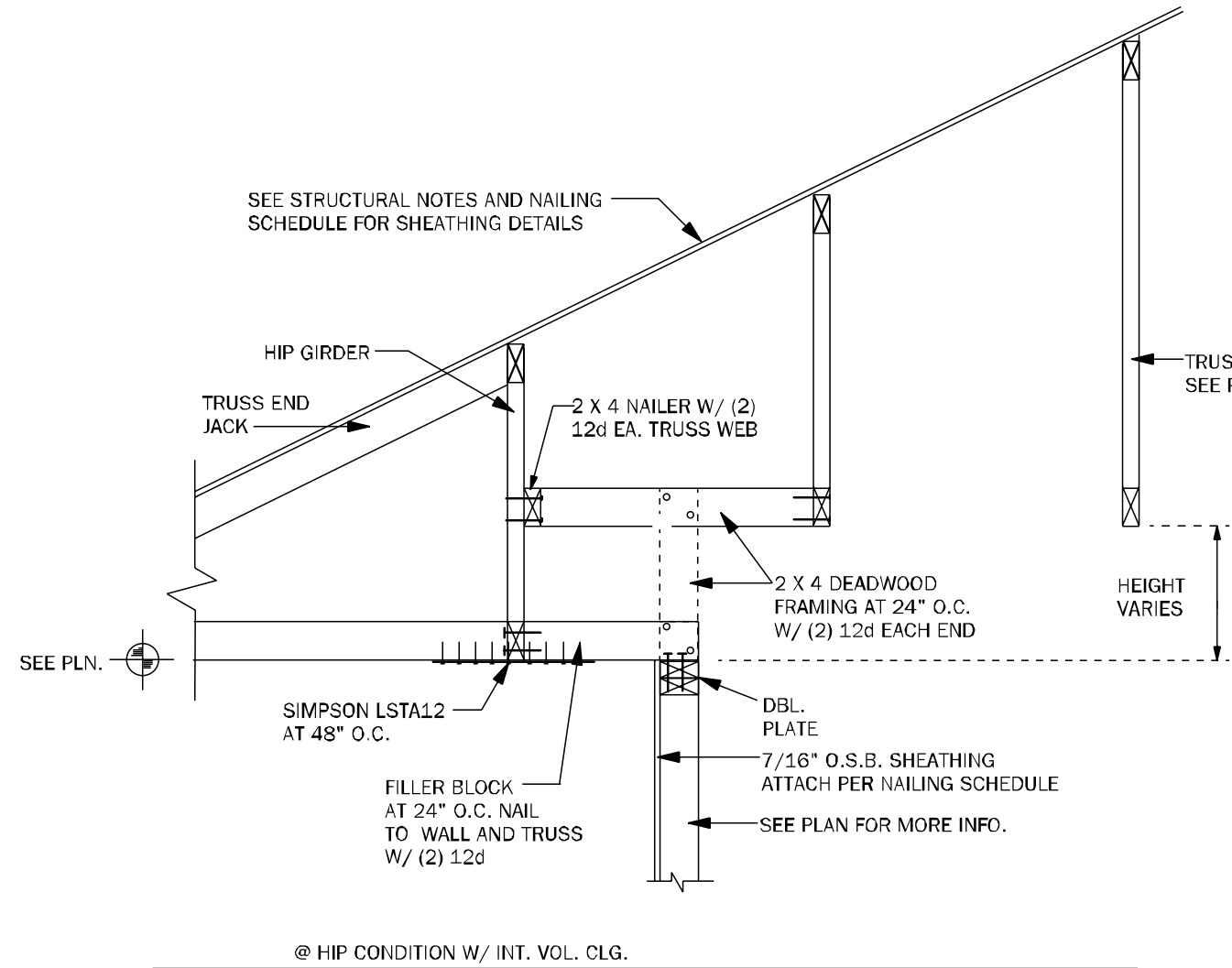
**TB15** EXTERIOR NON-BEARING WALL DETAIL N.T.S.



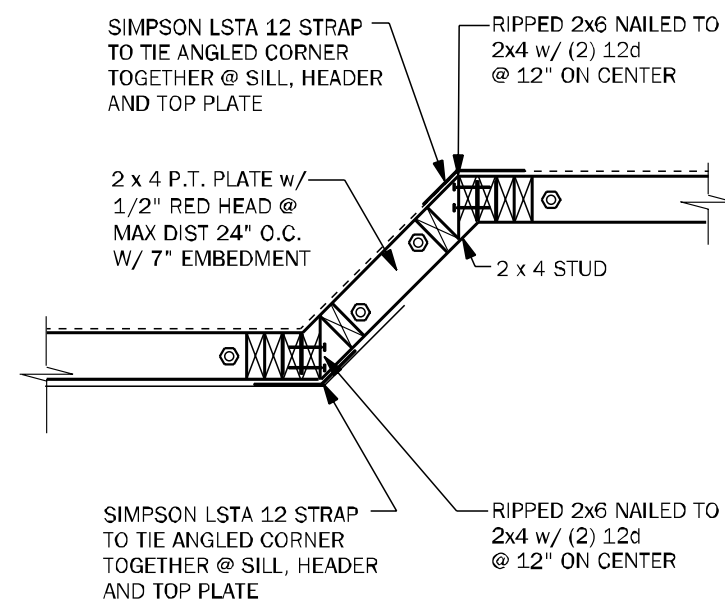
**WC04** GARAGE HEADER ANCHOR 3/4" = 1'-0"



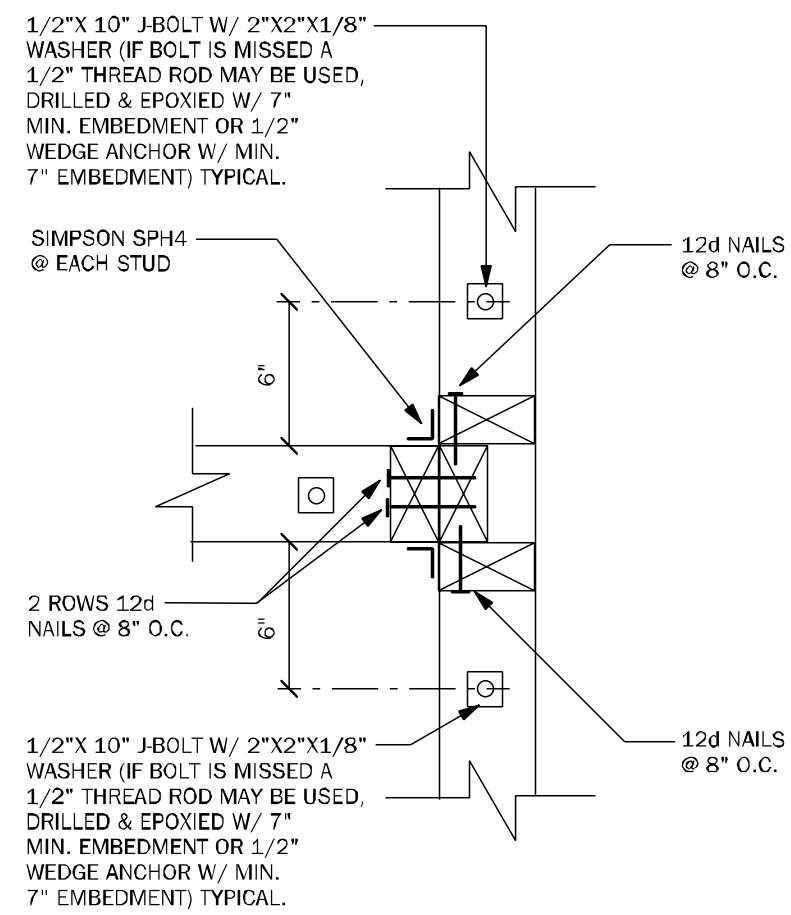
**WC05** SECT. OVERHEAD GAR. DOOR INSTALL N.T.S.



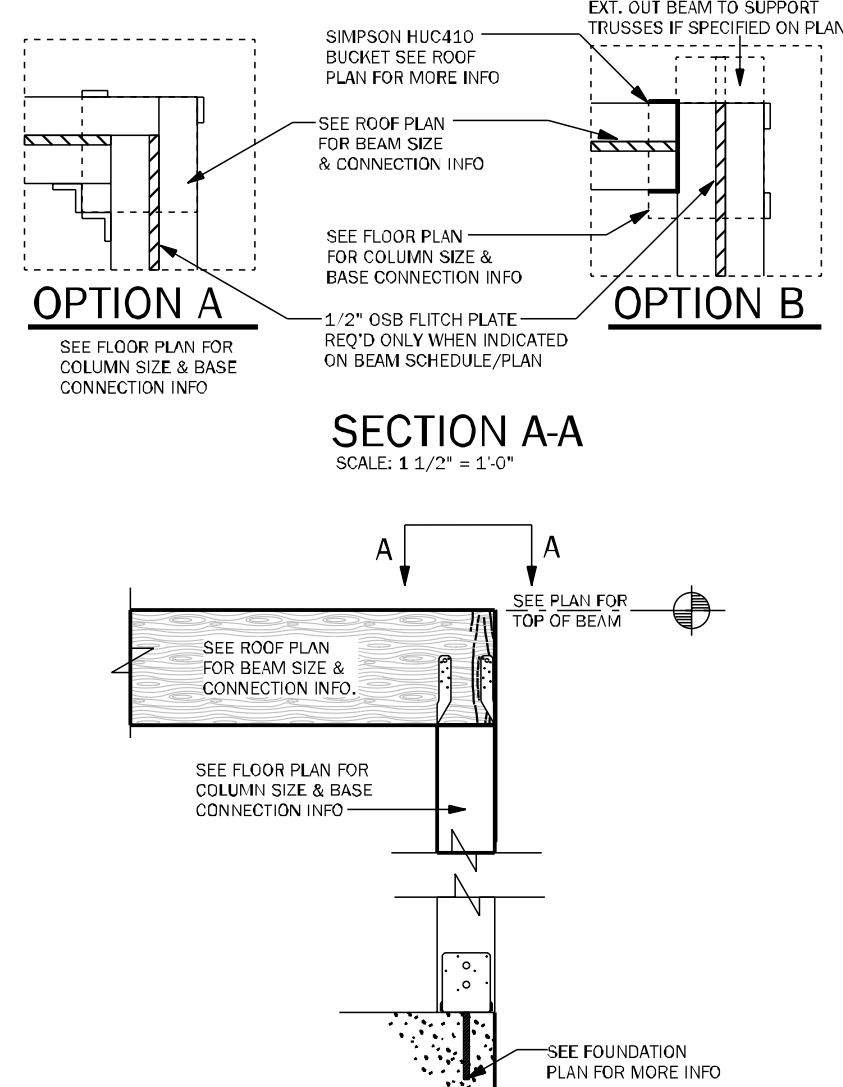
**WF64** EXTERIOR NON BRG. WALL DETAIL N.T.S.



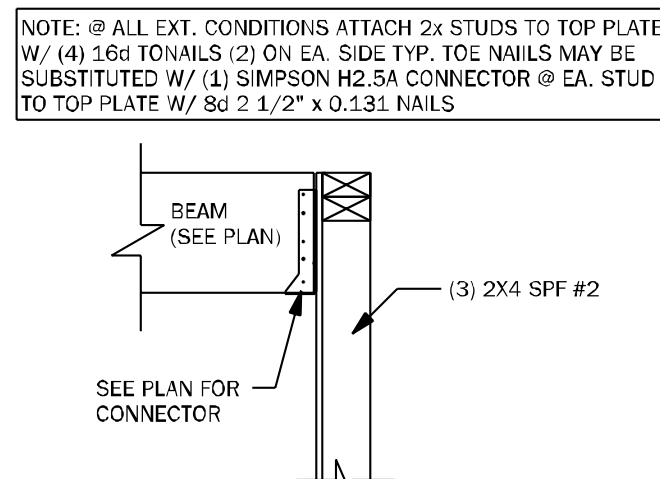
**WF43** EXTERIOR ANGLED WALL DETAIL N.T.S.



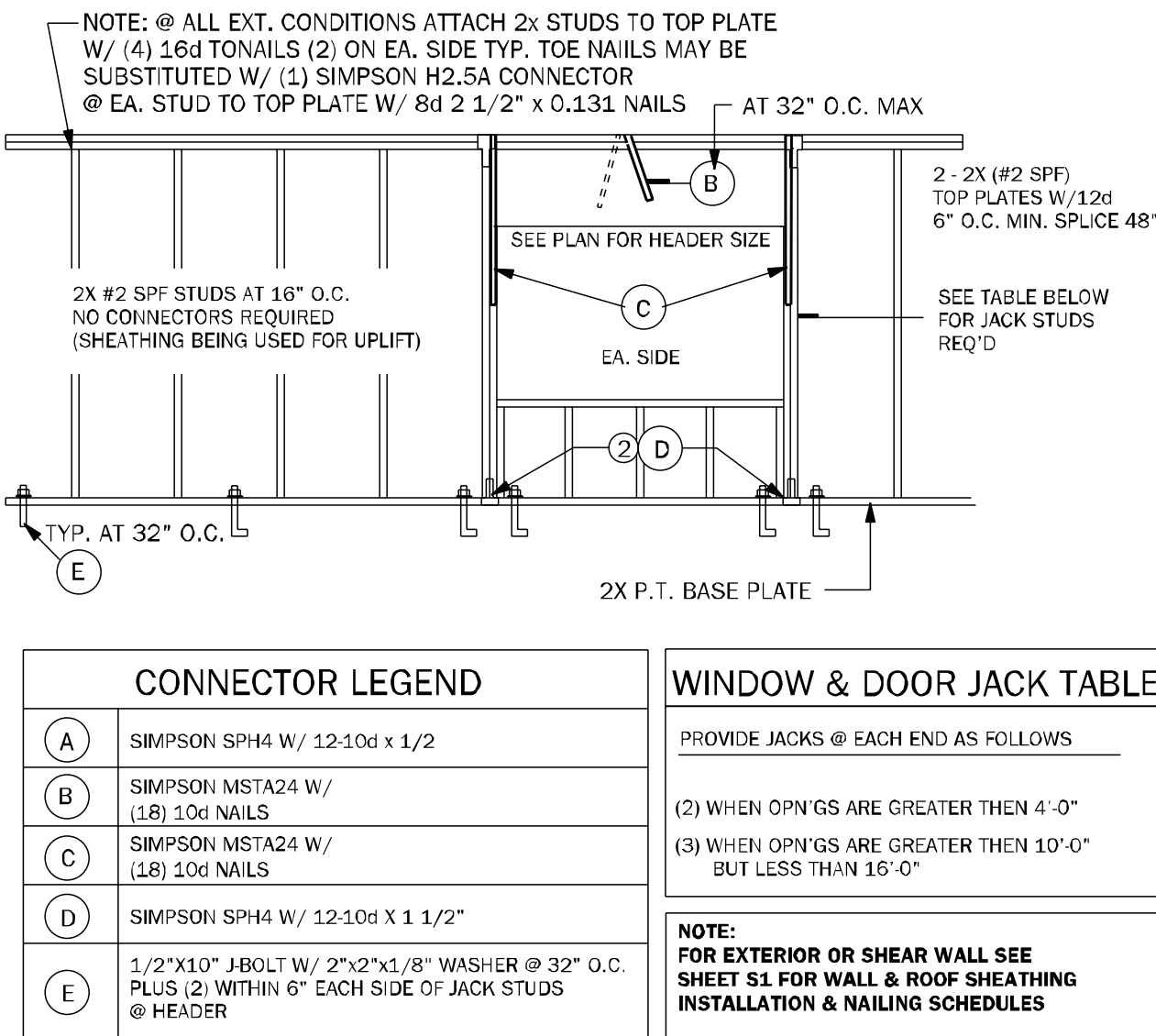
**WC03** WALL TO WALL CONN. @ END OF SHEARWALL 1 1/2" = 1'-0"



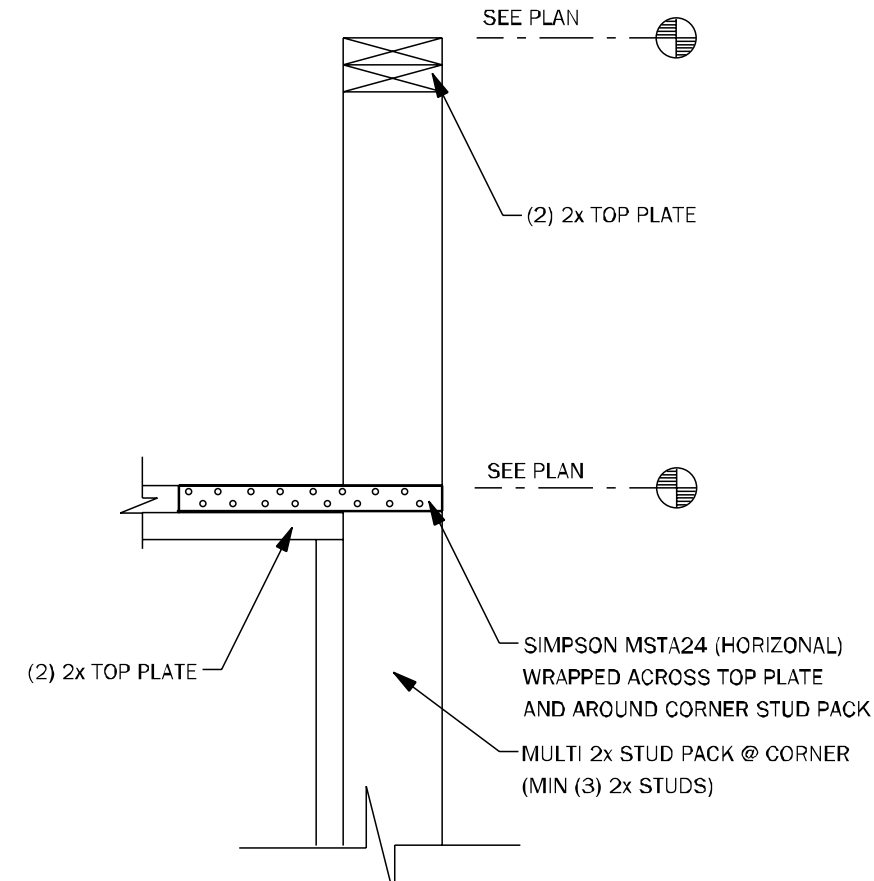
**CD11** COMMON BEAM ATTACHMENT N.T.S.



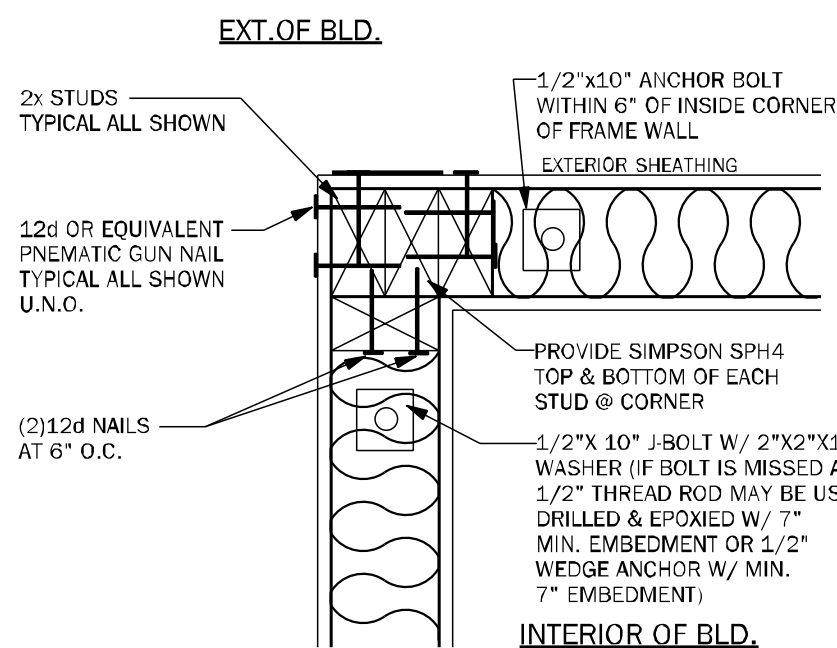
**CD25** BEAM TO WALL CONNECTION N.T.S.



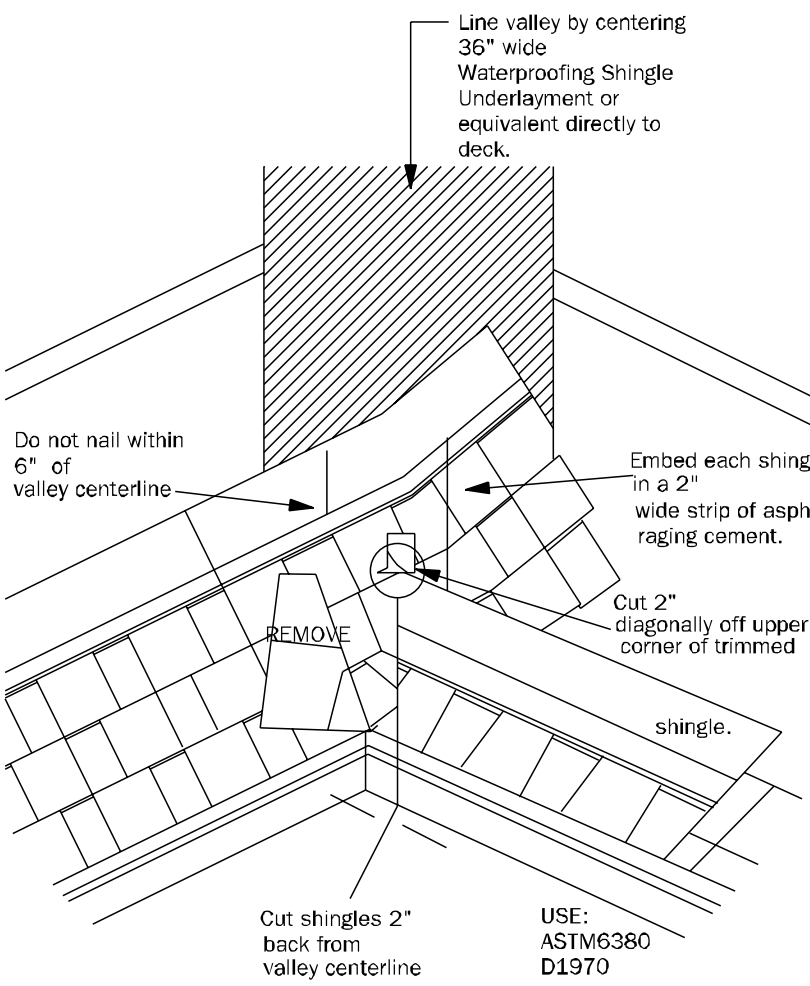
**WF66** TYPICAL BEARING WALL N.T.S.



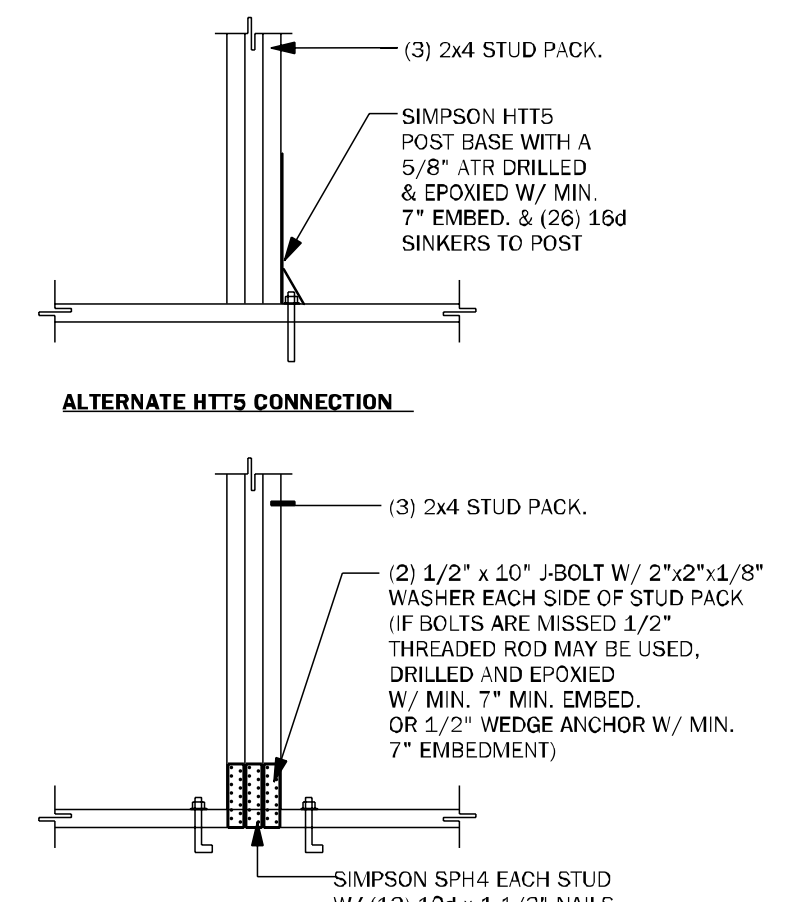
**WC09** WALL STEP @ CORNER N.T.S.



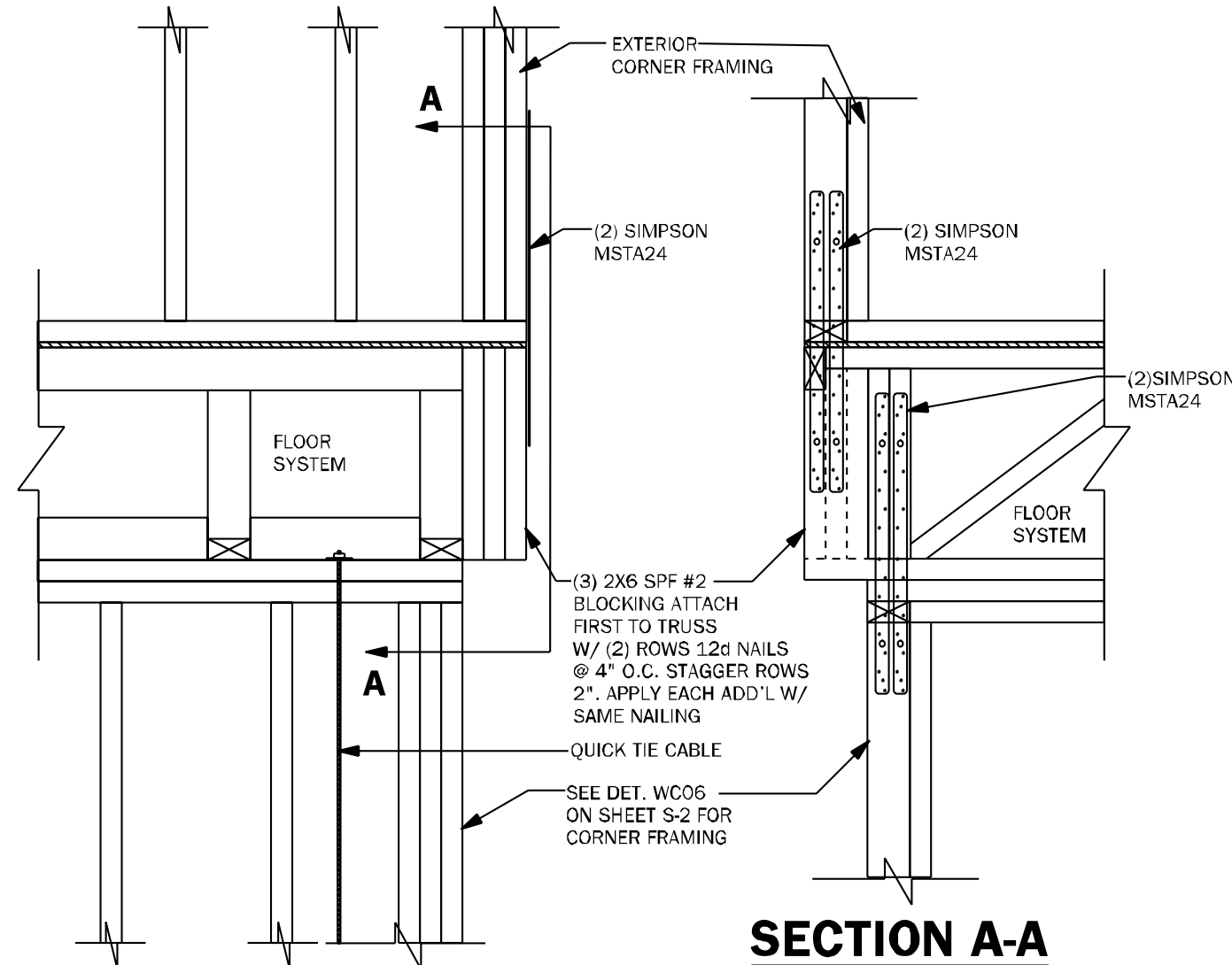
**WC06** EXTERIOR FRAME CORNER 3/4" = 1'-0"



**RD01** VALLEY FLASHING DETAIL N.T.S.



**CD26** GIRDER BASE CONNECTION 1/2" = 1'-0"



**WF68** CORNER CONNECTION N.T.S.

COUNTY SEAL

Wednesday, December 11, 2024

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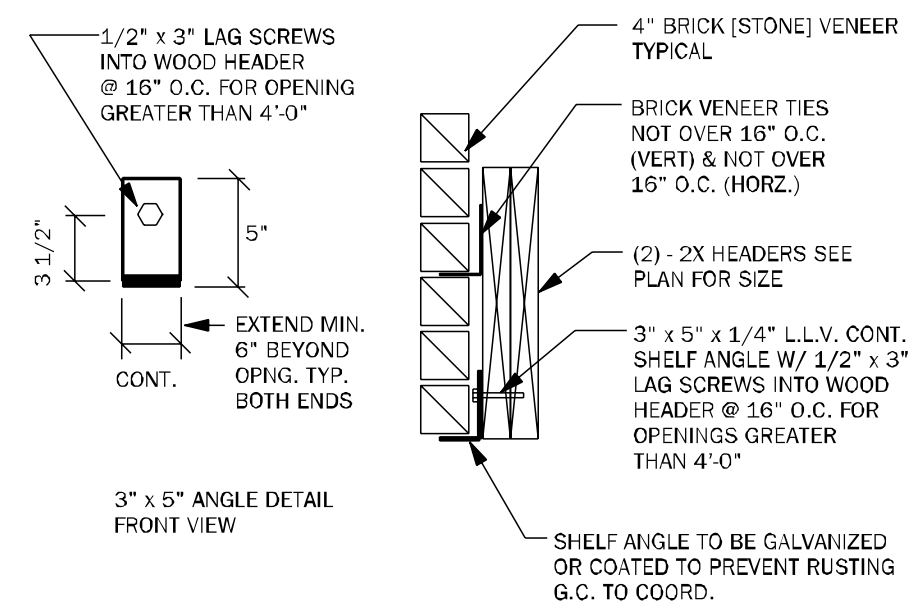
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TYPICAL FRAMING DETAILS

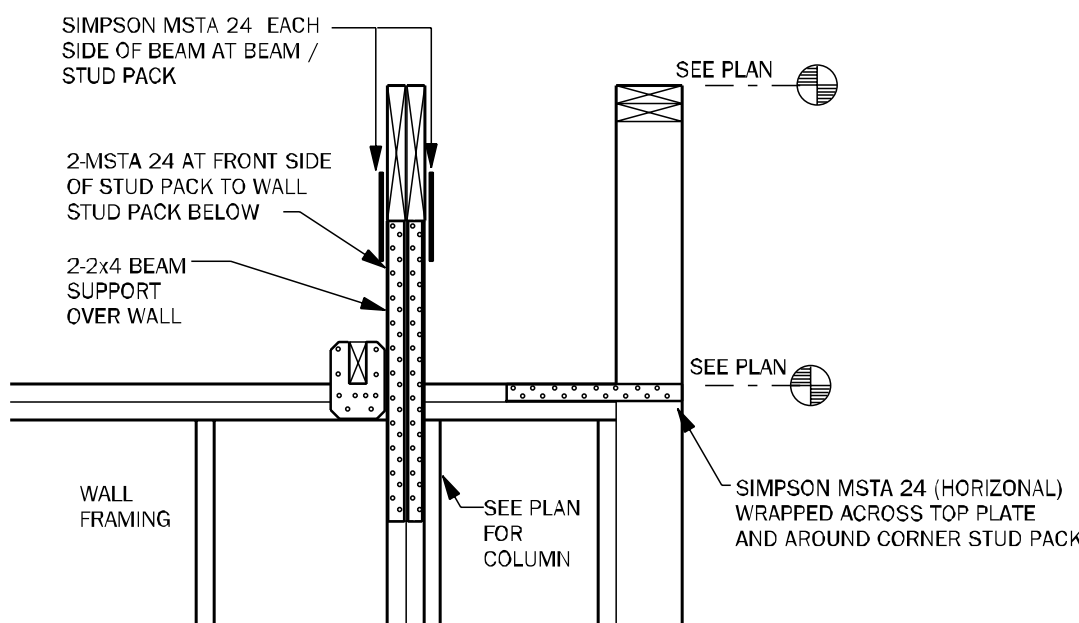




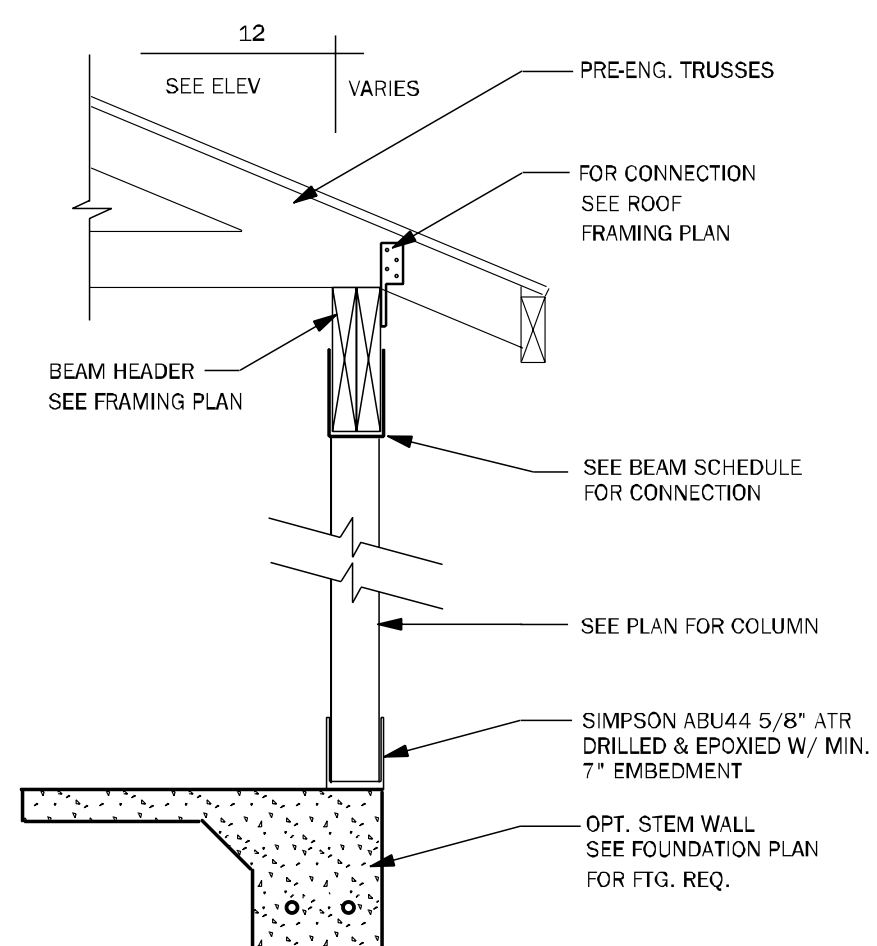


**VERIFY BRICK  
DIMENSION W/ BLDG.****BD07** BRICK SHELF DETAIL

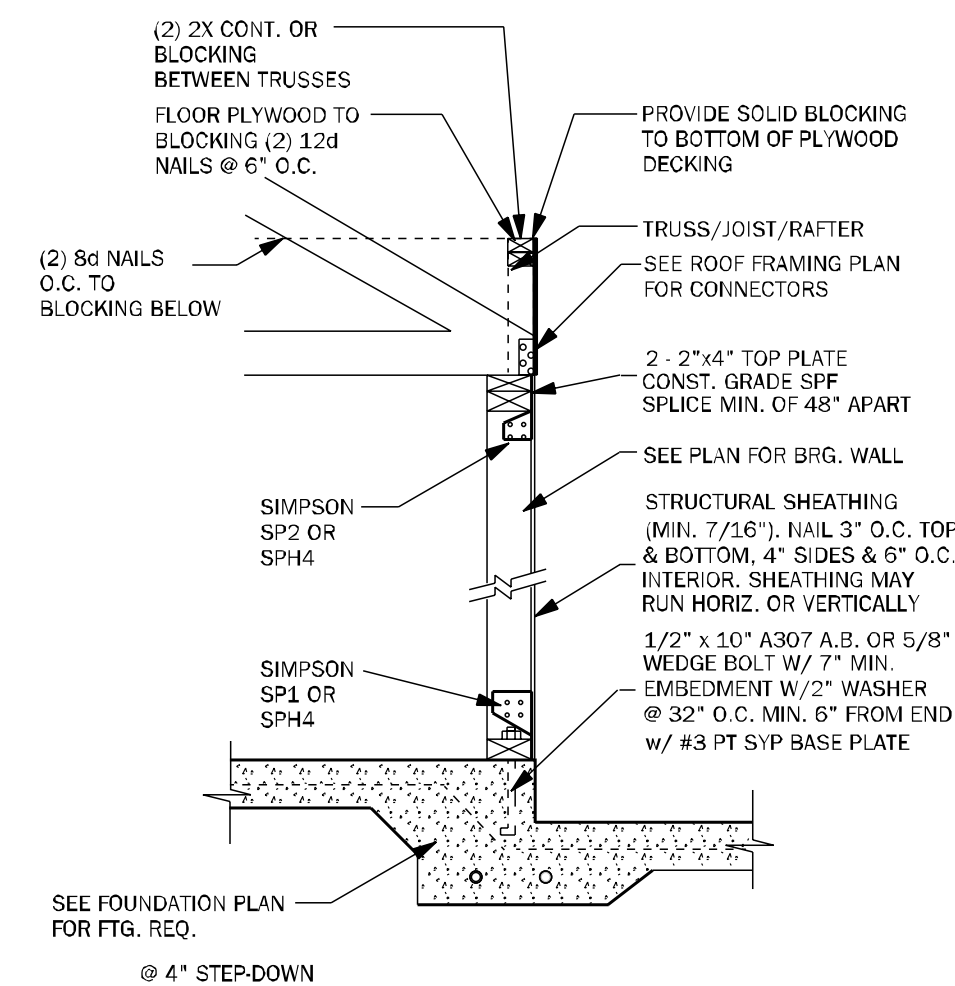
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**WC08** STEP UP @ CORNER & RAISED BEAM

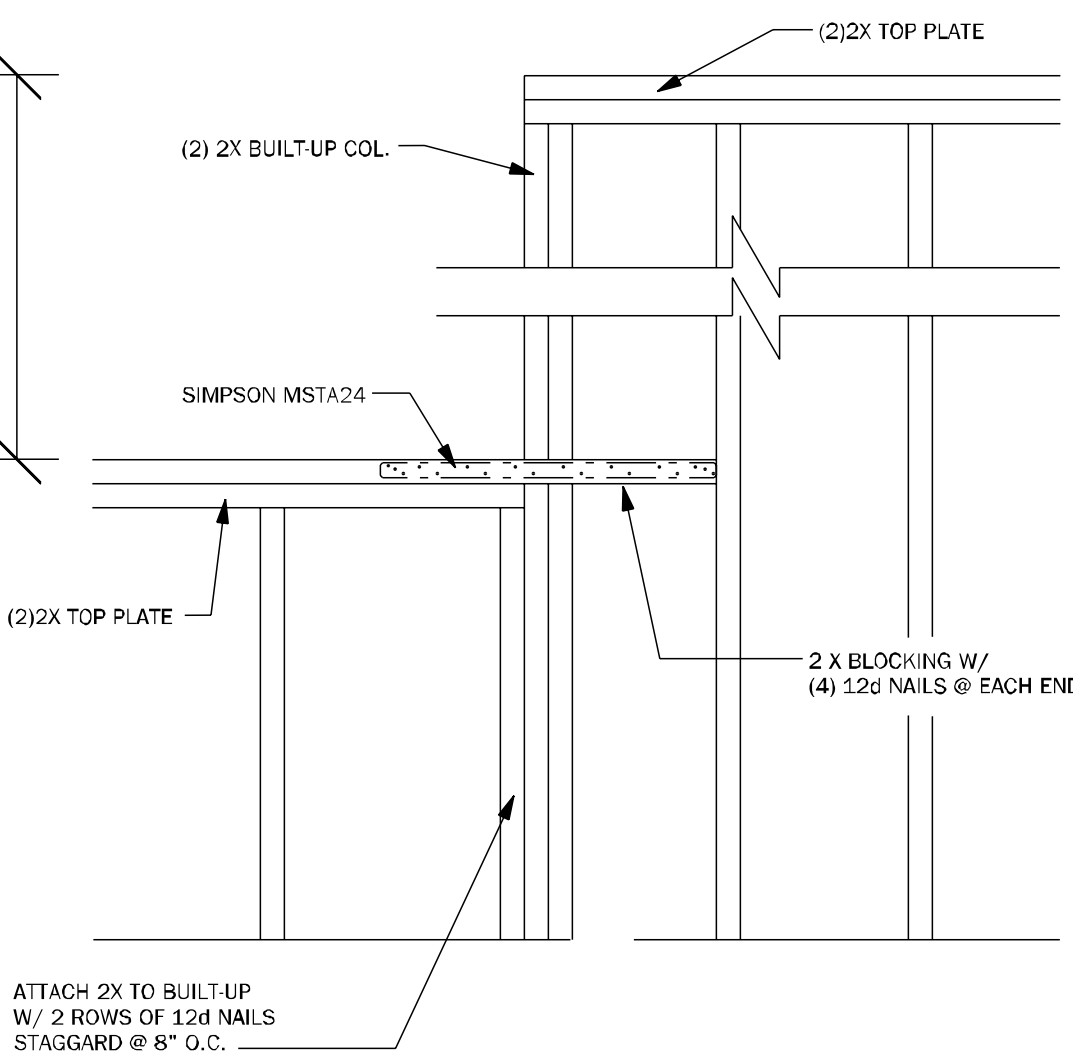
N.T.S.

**CD24** POST & BEAM DETAIL

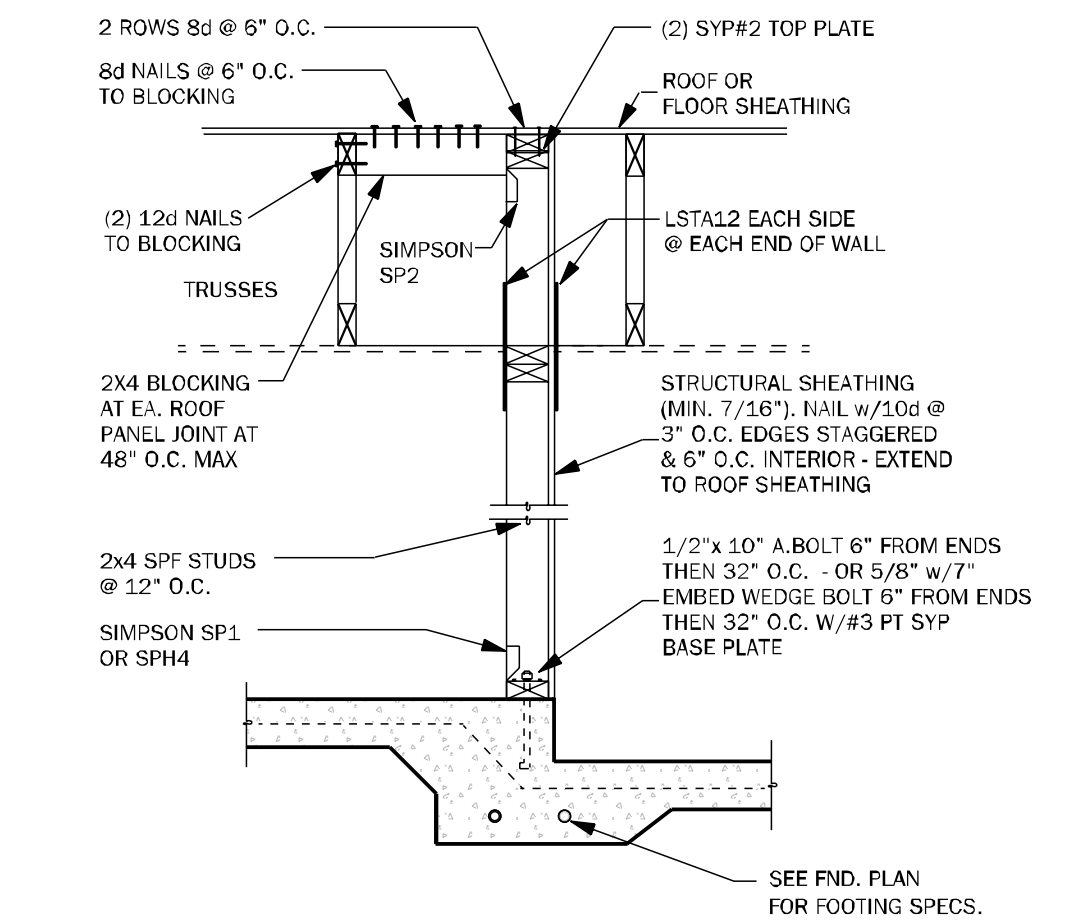
1/2" = 1'-0"

**SW01** INTERIOR BEARING SHEARWALL w/UPLIFT

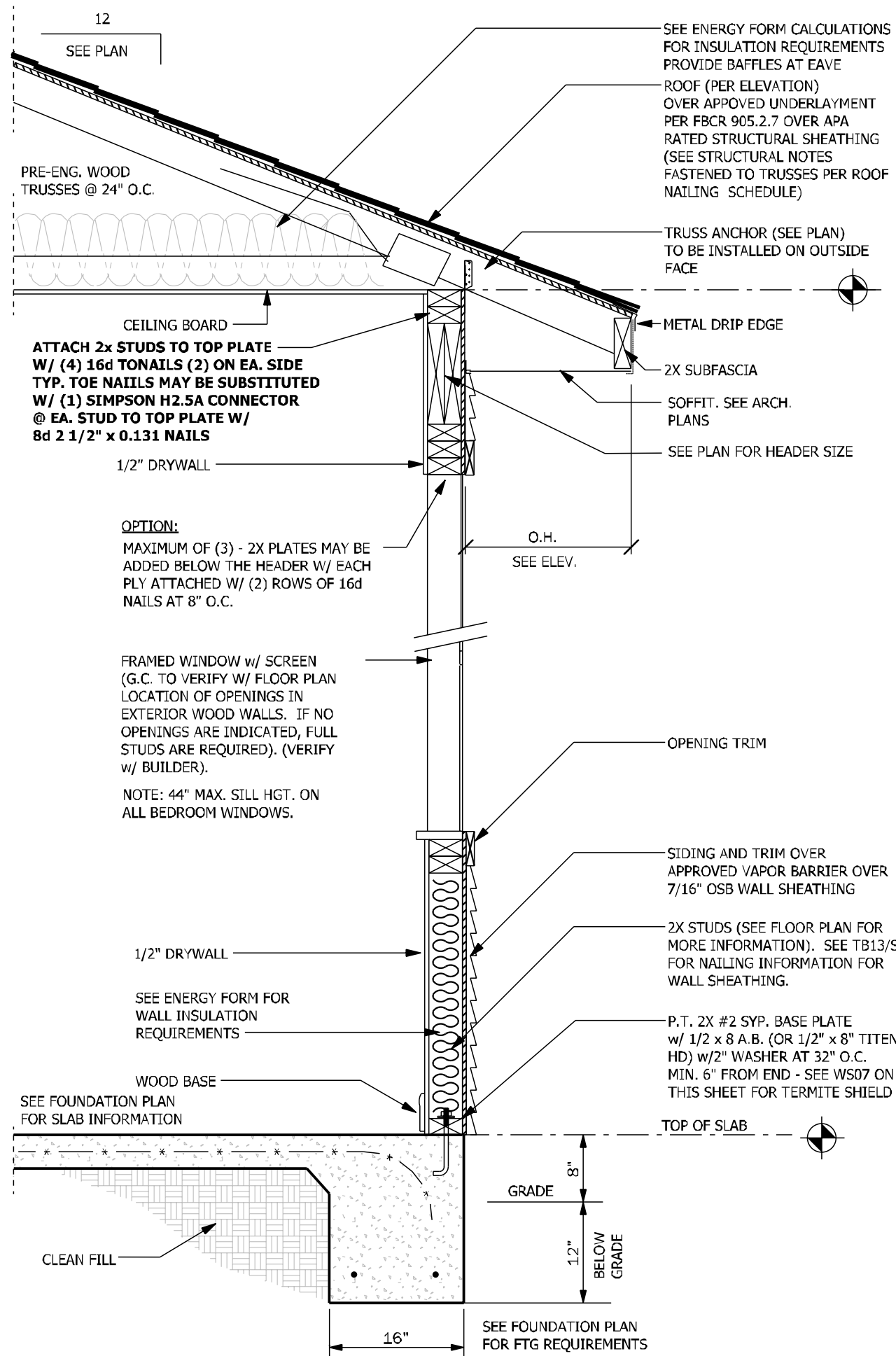
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**WC07** STEP UP @ CORNER & RAISED BEAM

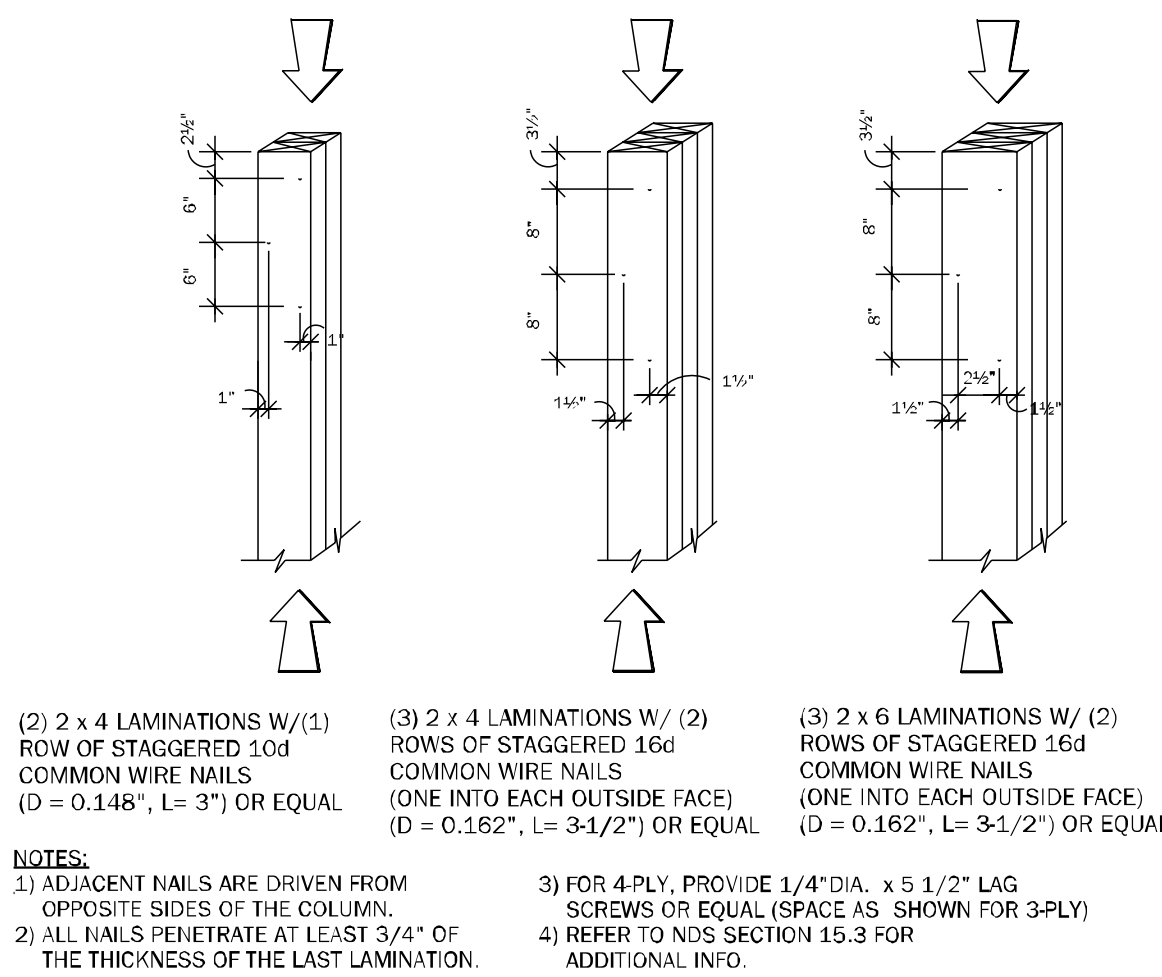
1/2" = 1'-0"

**SW04** INTERIOR SHEARWALL @ TRUSSES

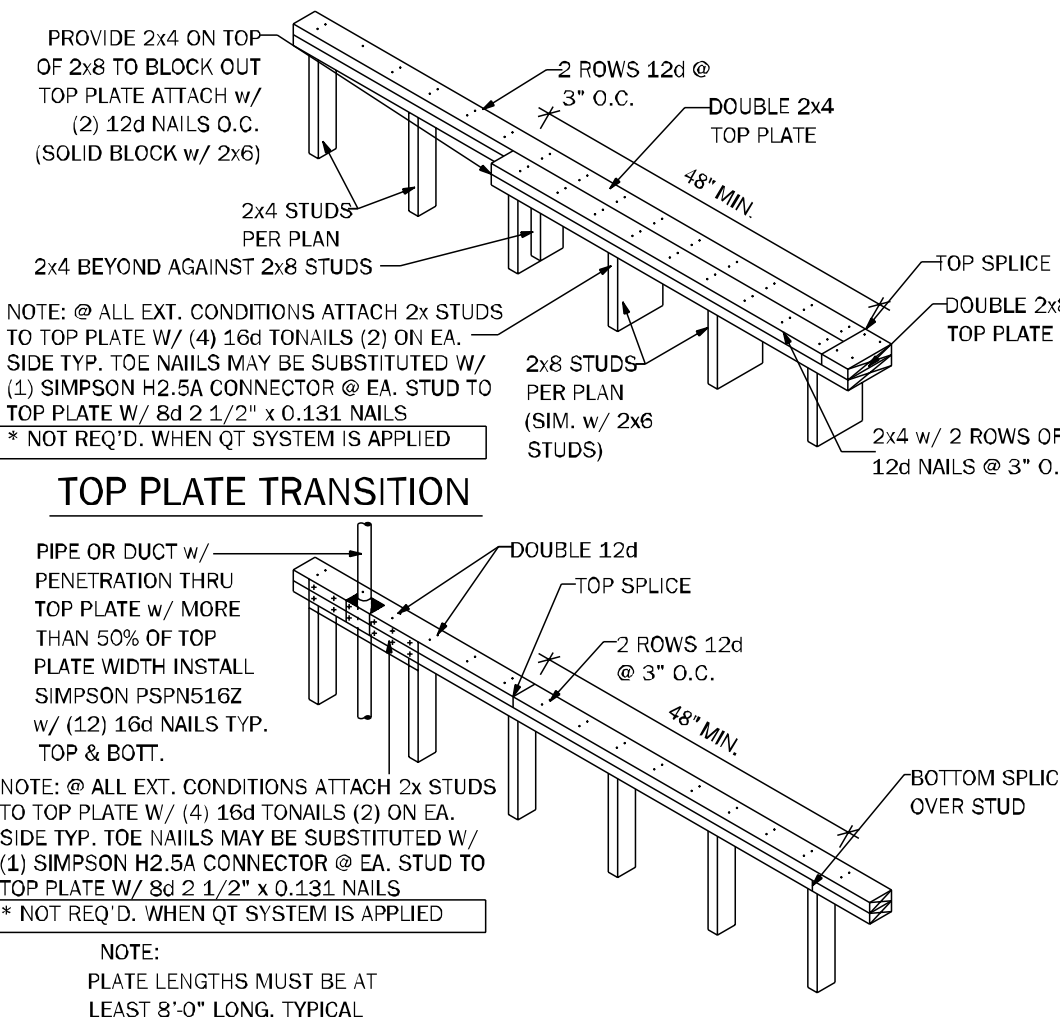
3/4" = 1'-0"

**WS02** TYPICAL WALL SECTION EXTERIOR FRAME

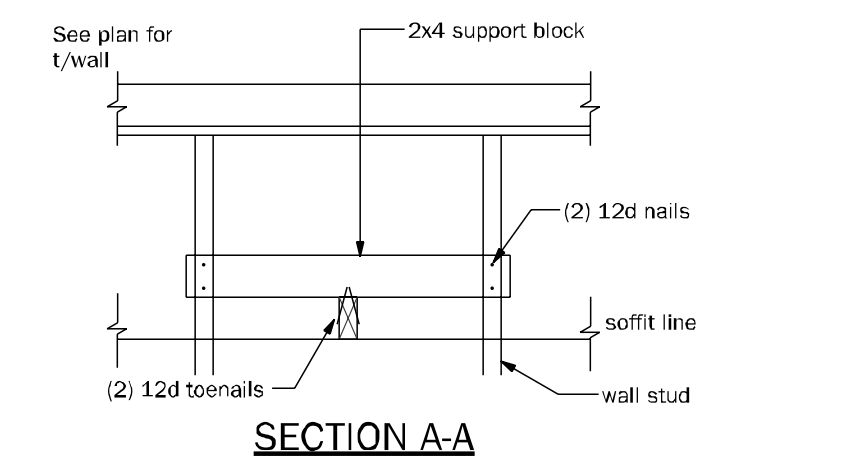
3/4" = 1'-0"

**WF37** TYPICAL COLUMNS DETAILS

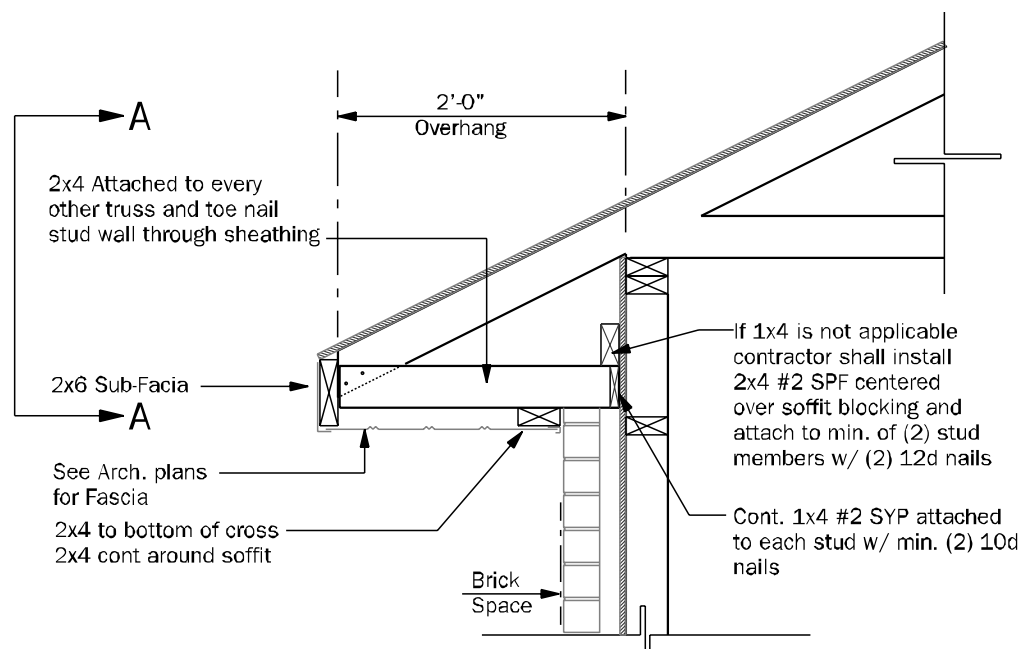
N.T.S.

**WF17** TOP PLATE SPLICE DETAIL

3/4" = 1'-0"

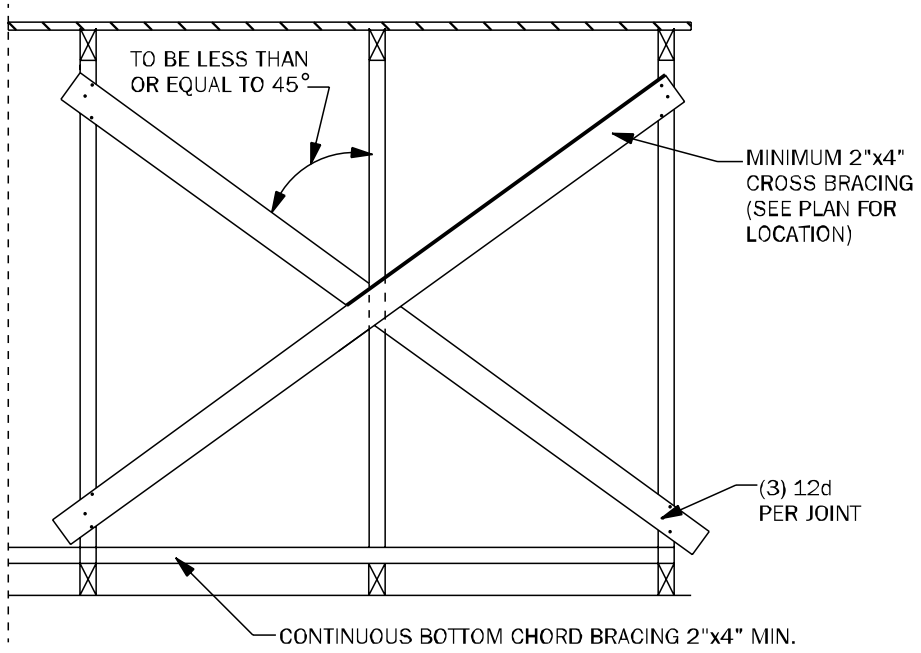


**NOTE:**  
G.C. SHALL VERIFY SOFFIT MATERIAL CAPACITY TO RESIST THE DESIGN PRESSURES SPECIFIED PER FBC2020 710, EDITION R301 FOR THE COMPONENTS AND CLADDING WIND PRESSURE.

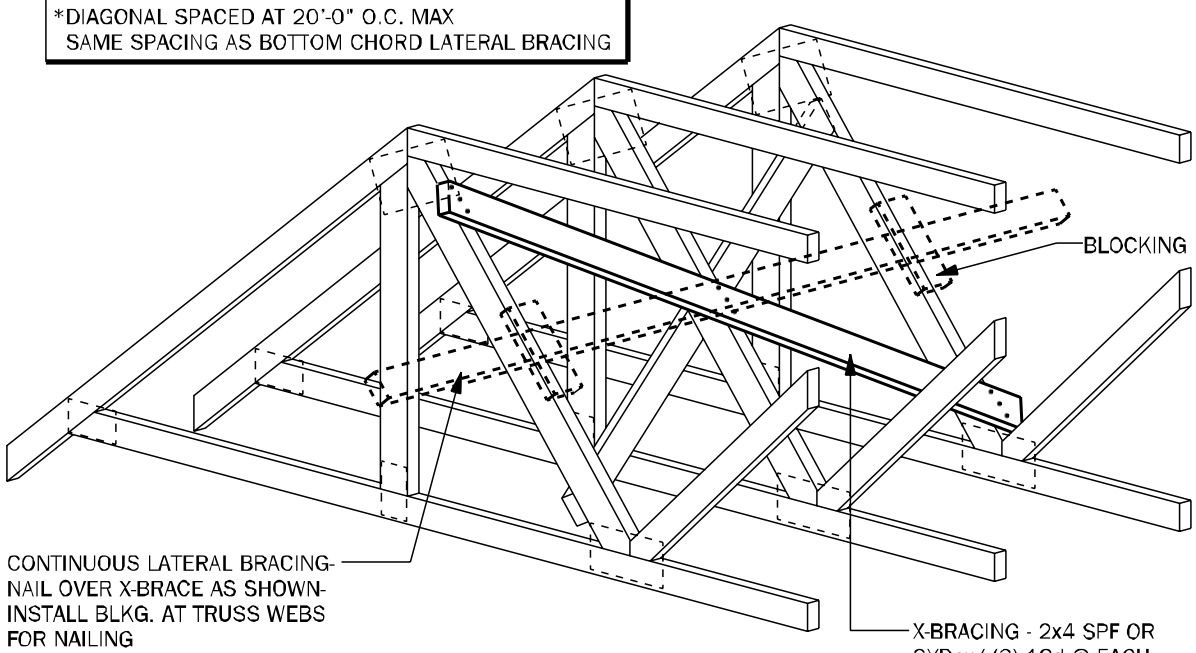
**SE** TYPICAL SOFFIT AND EAVE DETAIL

3/4" = 1'-0"



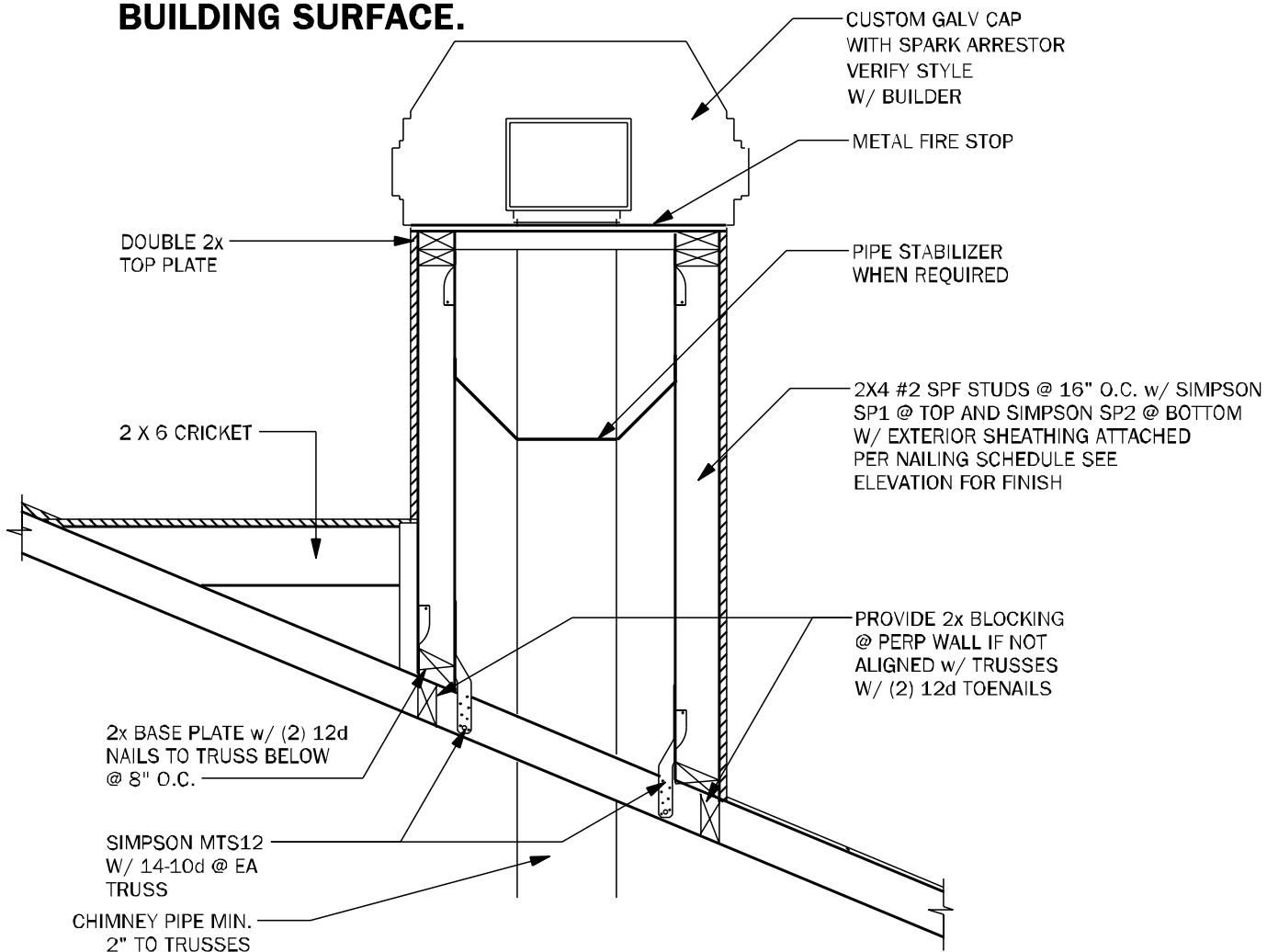


TB01 TYPICAL CROSS BRACING DETAIL N.T.S.



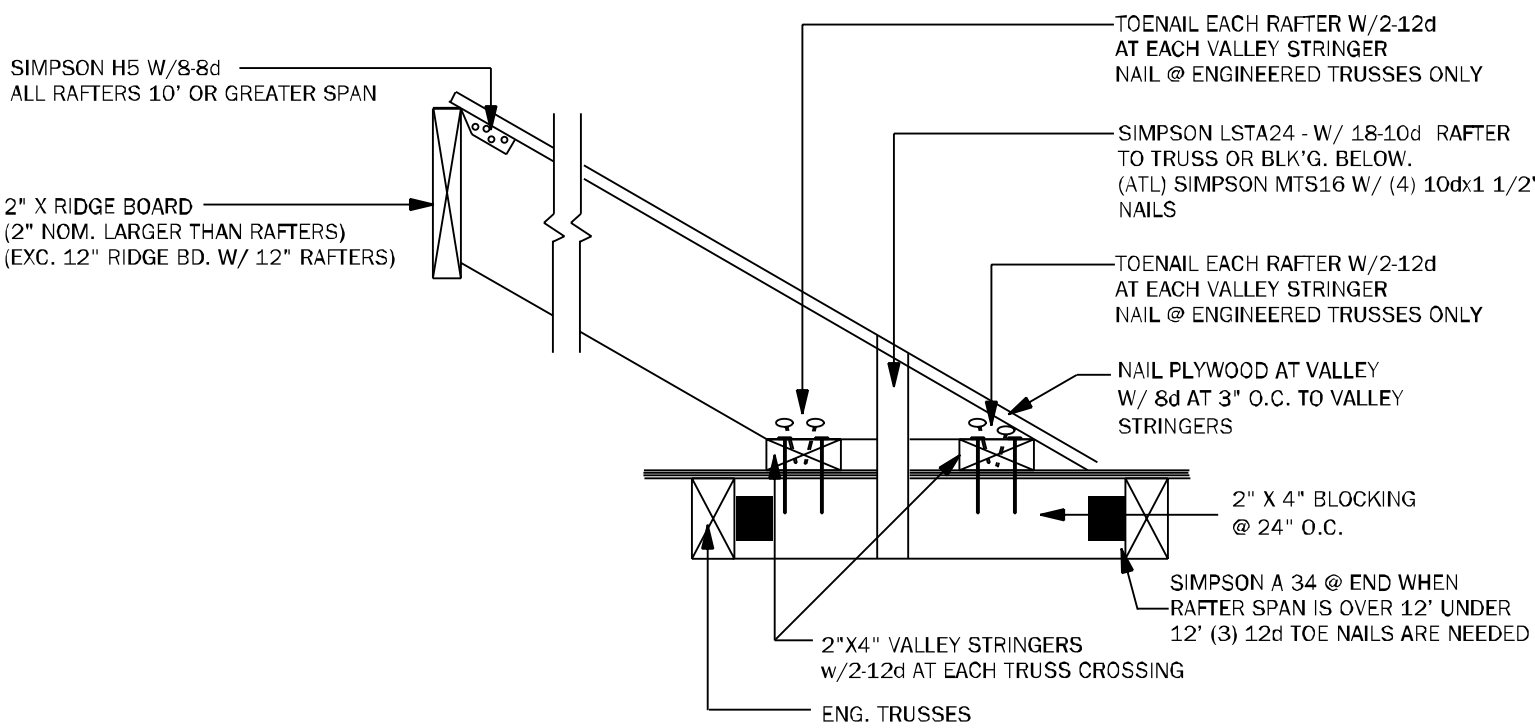
TB02 TYPICAL CROSS BRACING DETAIL N.T.S.

THE HEIGHT OF THE CHIMNEY SHOULD EXTEND 2' ABOVE THE POINT WHERE THE CHIMNEY IS 10' FROM THE NEAREST BUILDING SURFACE.

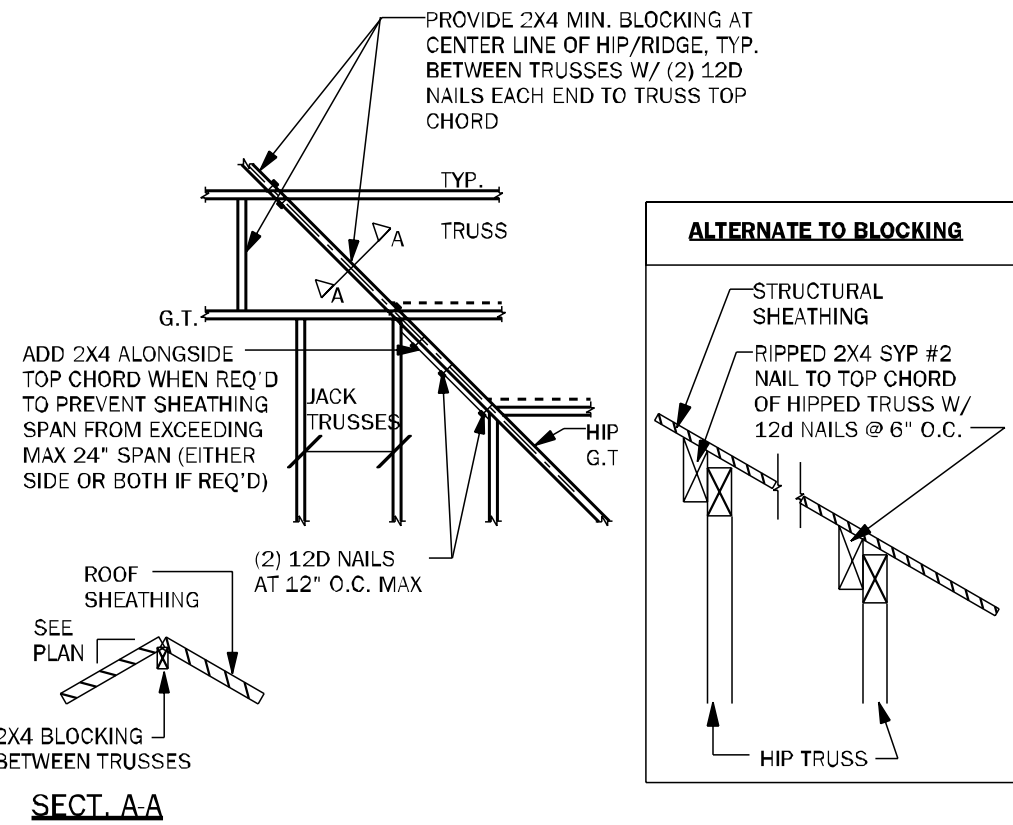


CH01 TYPICAL CHIMNEY FRAME DETAIL 3/4" = 1'-0"

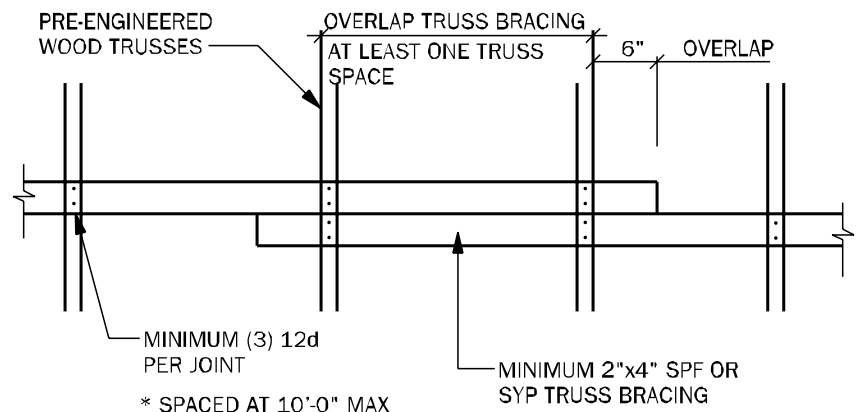
RAFTER SIZE	
0'-8" SPAN -	2"x6" W/4-12d EACH END
8'-12" SPAN -	2"x8" W/4-12d EACH END
12'-15" SPAN -	2"x10" W/ SIMPSON A 34 @ EA. END
15'-18" SPAN -	2"x12" W/ SIMPSON A 34 @ EA. END



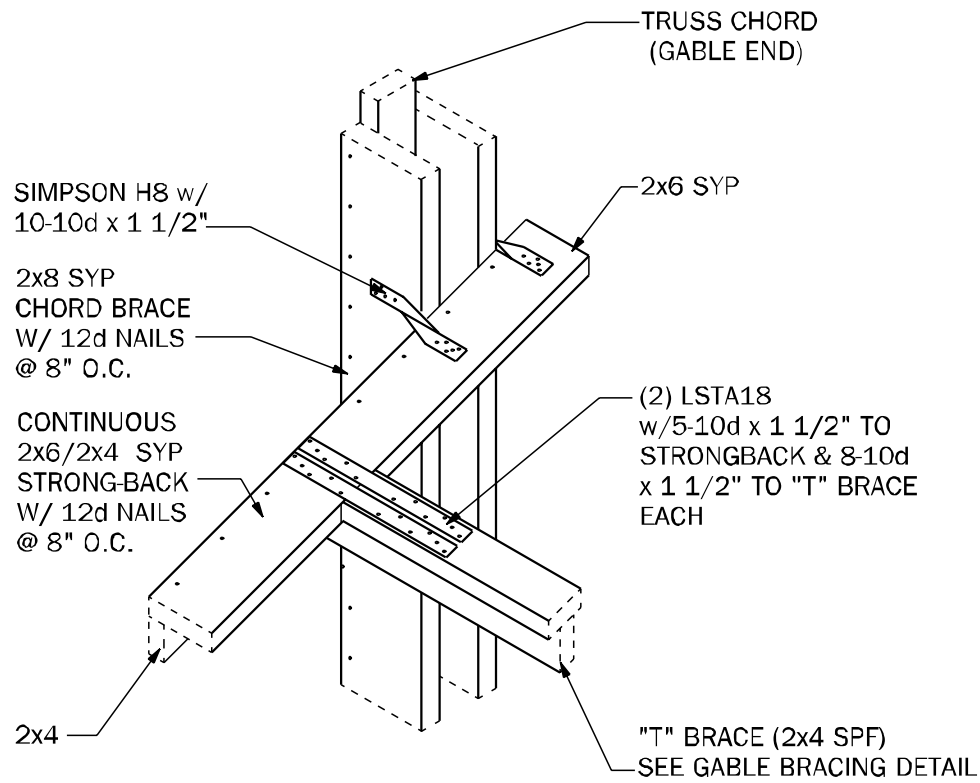
TB17 CONV. FRAMING & VALLEY FRAMING N.T.S.



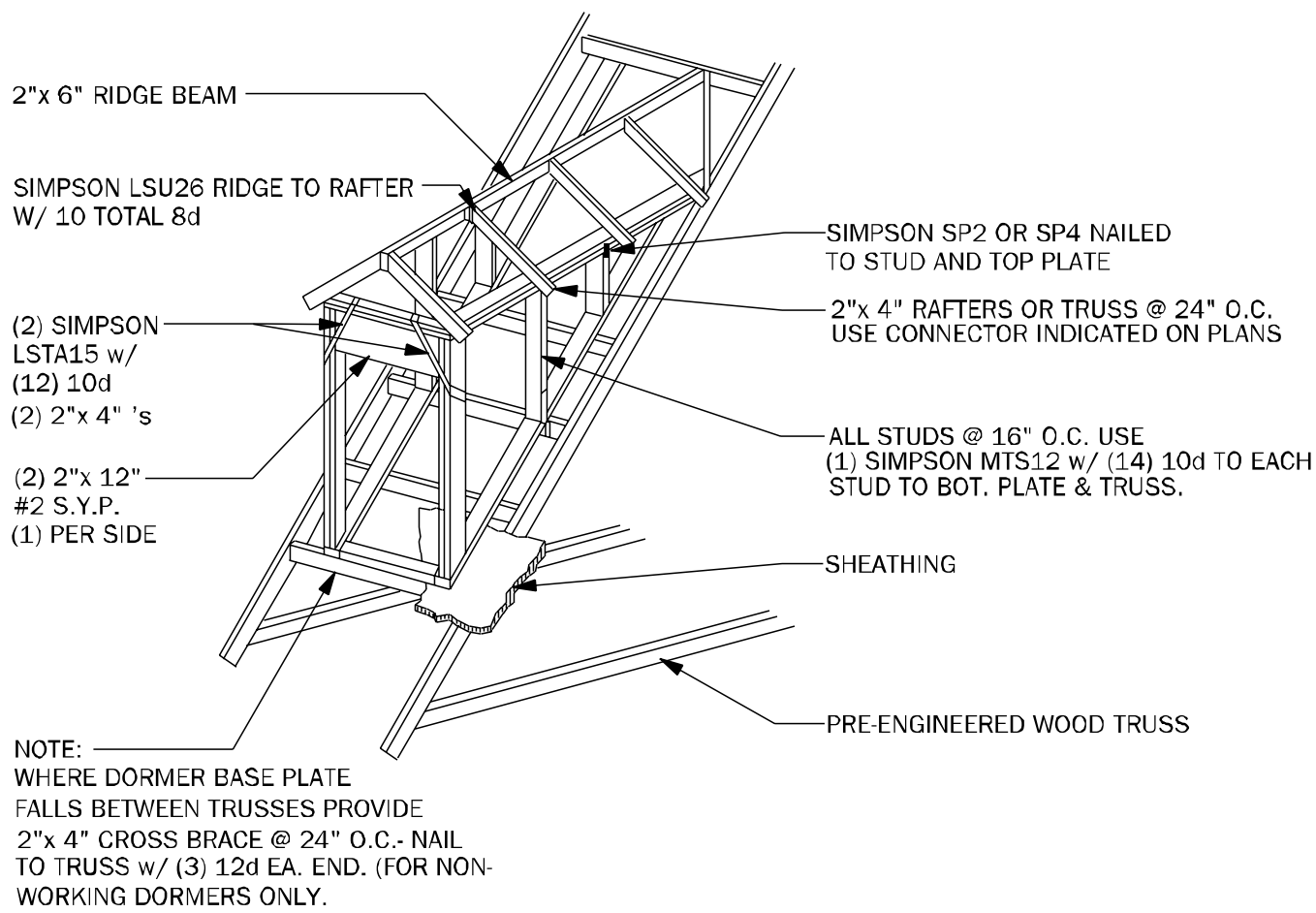
TB03 HIP / RIDGE BLOCKING DETAIL N.T.S.



TB04 TRUSS BRACING OVERLAP DETAIL (TYP) N.T.S.



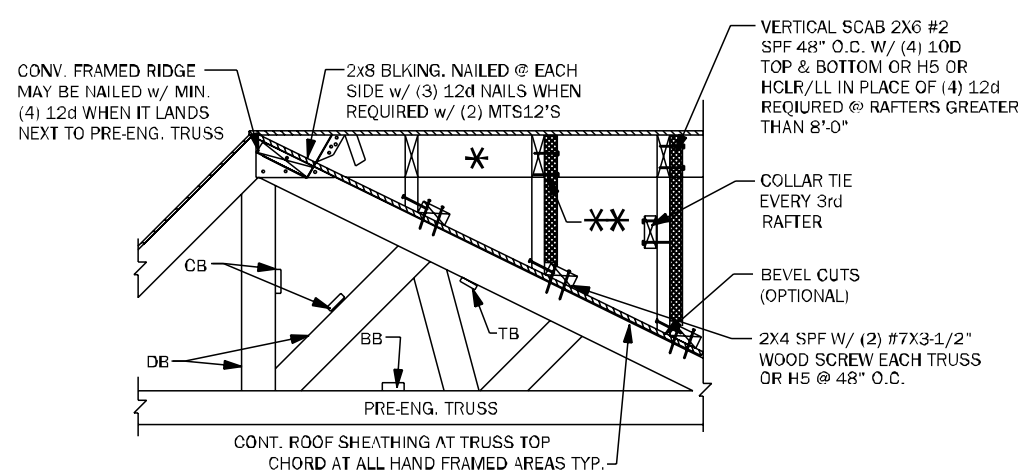
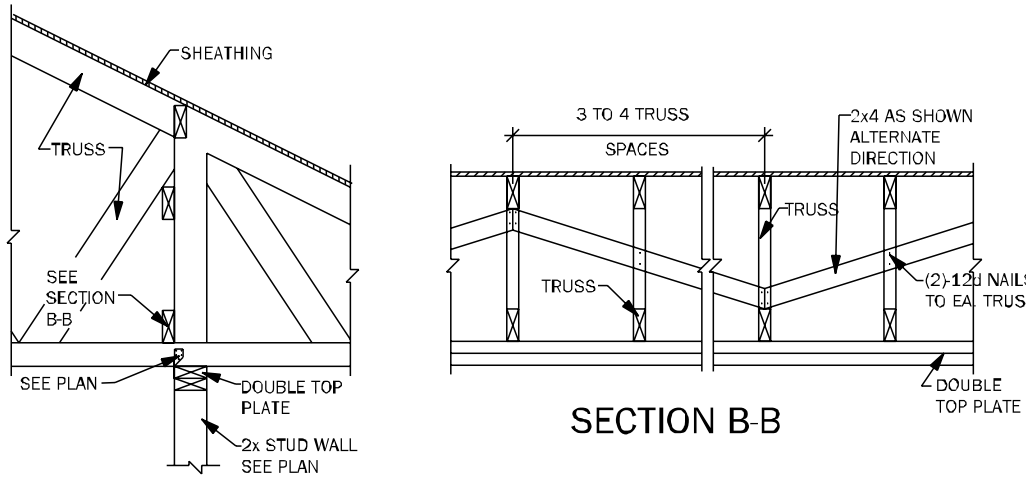
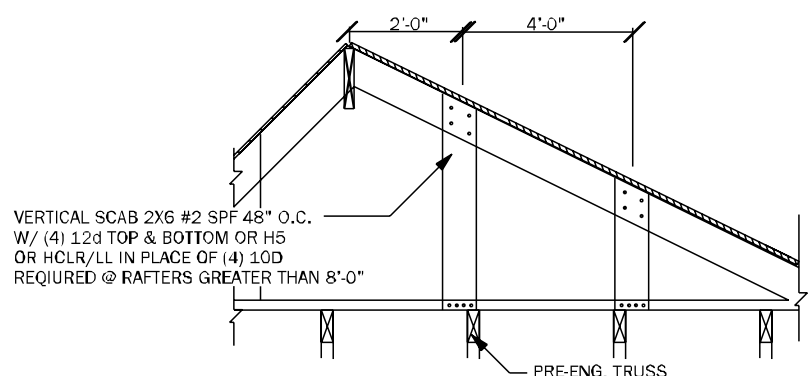
GE04 "T" BRACE CONNECTION @ GABLE END W/ VOLUME CEILING 3/4" = 1'-0"



WF05 DORMER FRAMING DETAIL N.T.S.

#### TRUSS NOTES:

- WOOD TRUSS ERECTOR SHALL PROVIDE BRACING ACCORDING TO ANSI/TPI-2014 (TRUSS PLATE INSTITUTE) NOTE THAT THE COMBINED WIND AREA IS GREATER BEFORE THE ROOF SHEATHING IS APPLIED, AND BRACING SHALL THEREFORE BE INSTALLED AS THE TRUSSES ARE ERECTED. INADEQUATE BRACING IS THE MOST COMMON CAUSE OF ACCIDENT IN WOOD TRUSS CONSTRUCTION. FULL BUNDLES OF SHEATHING SHALL NOT BE PLACED ON TRUSSES. THIS CONSTRUCTION LOAD SHOULD BE LIMITED TO 8 SHEETS OF SHEATHING ON ANY PAIR OF TRUSSES & SHALL BE LOCATED ADJACENT TO THE SUPPORTS. NO EXCESS CONCENTRATION OF ANY CONSTRUCTION MATERIAL (SUCH AS GRAVEL OR SHINGLES) SHALL BE PLACED ON THE TRUSSES IN ANY ONE AREA THEY SHALL BE SPREAD OUT EVENLY OVER A LARGE AREA SO AS TO AVOID OVERLOADING ANY ONE TRUSS.
- ALL BRACING (DB, CB, SB) SHOWN ABOVE SHALL BE IN ADDITION TO CONTINUOUS LATERAL BRACING SPECIFIED BY THE TRUSS MANUFACTURER. ALL LATERAL BRACING SPECIFIED BY TRUSS MANUF. SHALL HAVE ADDITIONAL DIAGONAL BRACES AT 20'-0" O.C. MAXIMUM.
- ALL BRACES SHALL BE 2x4 NOMINAL DIMENSION LUMBER & SHALL BE ATTACHED W/ (3) 12d NAILS AT EACH TRUSS INTERSECTION.
- ADDITIONAL BOTTOM CHORD BRACING SHALL BE INSTALLED BY TRUSS DESIGN WHEREVER ADEQUATE STRUCTURAL CEILING ARE NOT ATTACHED DIRECTLY TO THE BOTTOM CHORD OF THE TRUSS.
- PROVIDE TRUSS BLOCKING AT ALL TRUSS BEARING SUPPORTS WHERE TRUSS DEPTH EXCEEDS STANDARD HEEL HEIGHT. SEE TYP. TRUSS BLOCKING DETAILS.



A-A ALTERNATE BLOCKING DETAIL @ INTERIOR BEARING

TB06 BLOCKING AND CONVENTIONAL FRAME DETAILS 3/4" = 1'-0"

COUNTY SEAL

Wednesday, December 11, 2024

To the best of the Engineer's knowledge, information, and belief, the structure shown herein complies with the applicable provisions of the Florida Building Code, and the design and construction of the structure shall be in accordance with the applicable provisions of the Florida Building Code.

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Certificate of Authorization No. 9304

☐ CARL A. BROWN, P.E. FL # 56126  
☐ SCOTT A. LEWOWSKI, PE FL # 78750  
☐ THEN BAO DUONG, PE FL # 91452

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**keesee**  
associates  
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A20003115

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☐ THEN BAO DUONG, PE FL # 91452

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**DAMS HOMES**  
FLORIDA CONTRACTORS LICENSE NO. CRC1330148  
100 WEST GARDEN STREET  
PENSACOLA FL 32502  
DIVISION LOCATION:  
GAINESVILLE

**INVENTORY**

LOT: 94  
BLK:  
SEC:  
SUB: PRESERVE AT LAUREL LAKE  
747 SW ROSEMARY DR.  
LAKE CITY, FL

Model Name / Number:  
**1755**

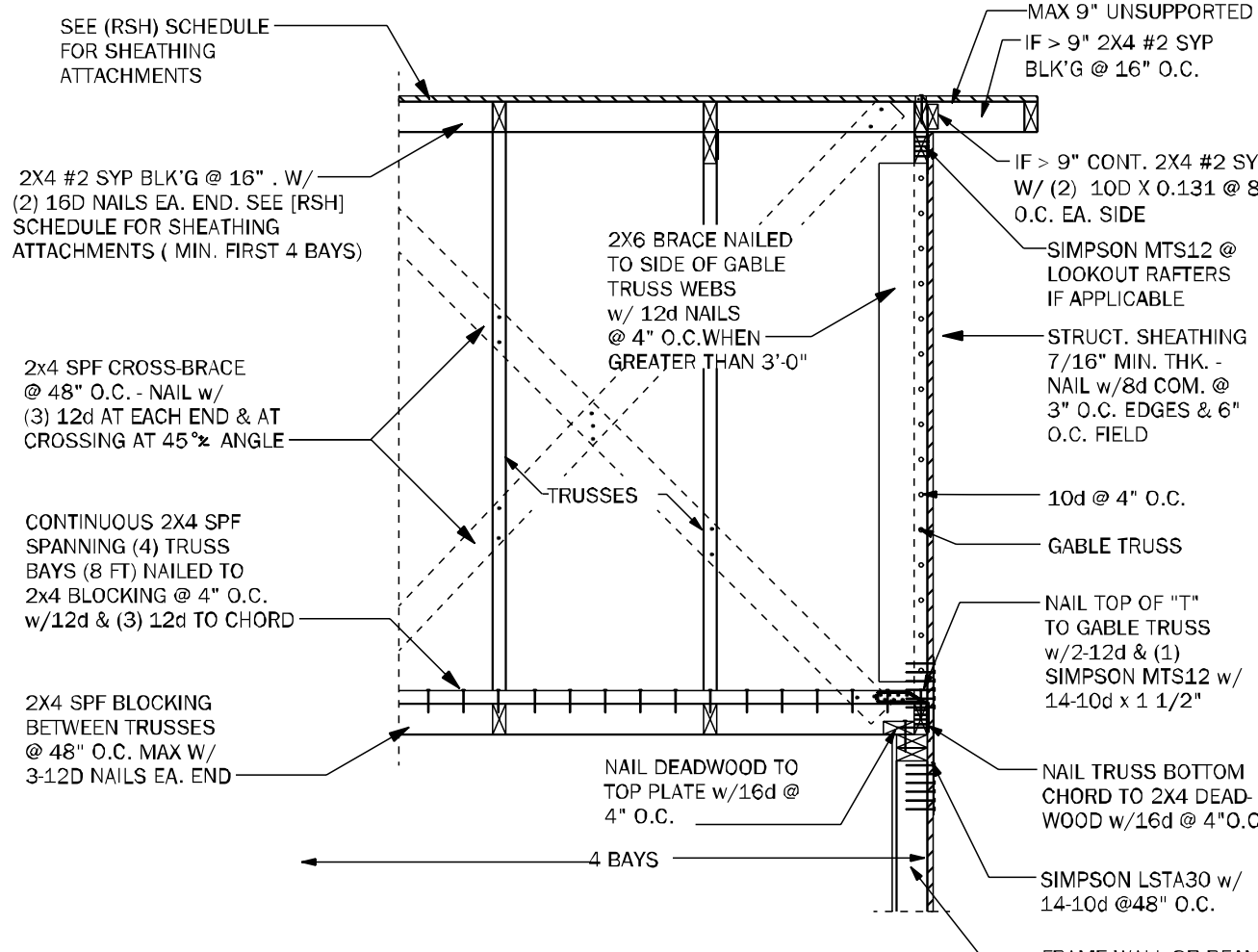
Plan Issue Date:  
Wednesday, December 11, 2024

KA PROJECT NUMBER:  
**24-13141**

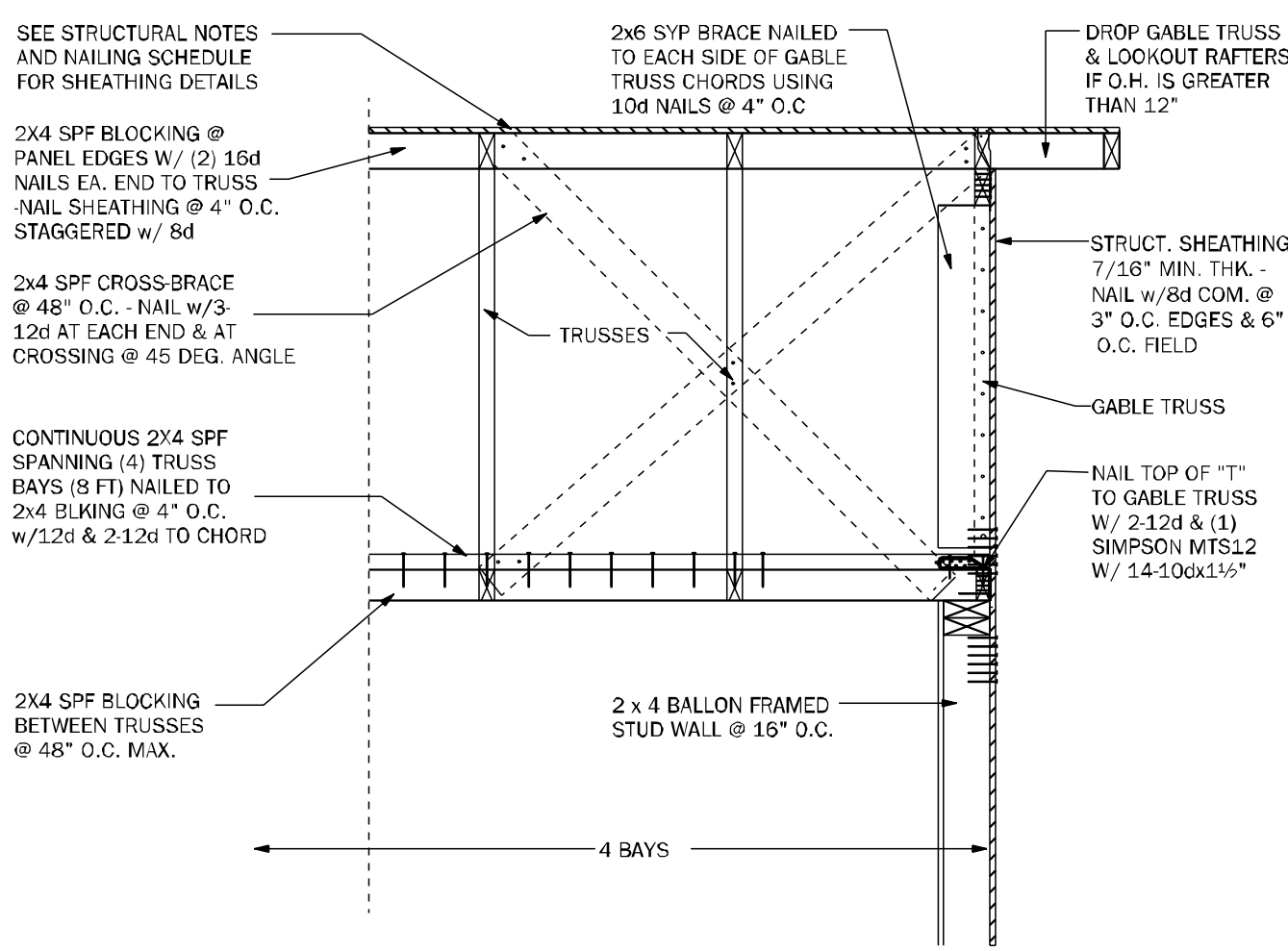
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ROOF FRAMING AND BRACING DETAILS

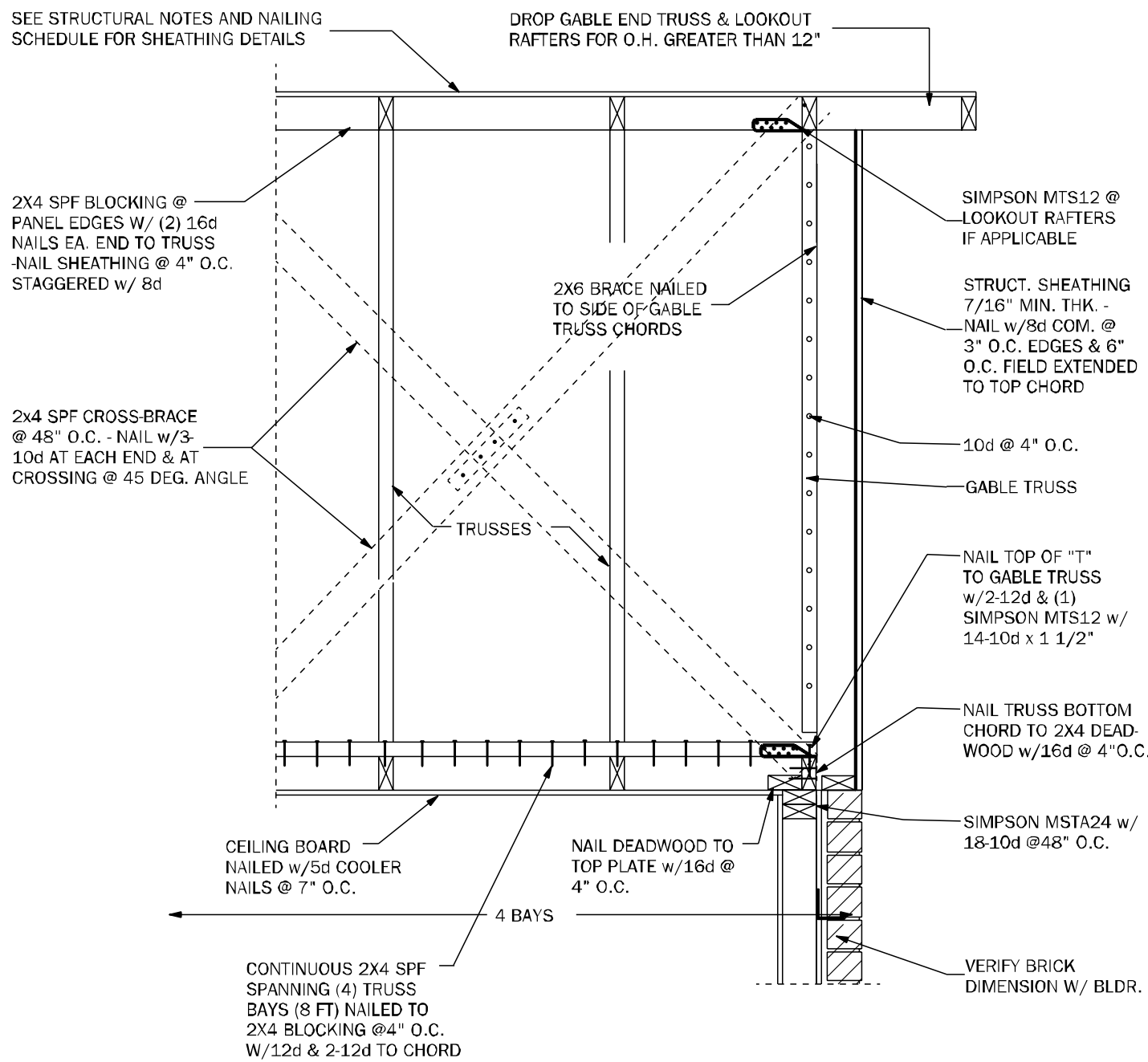




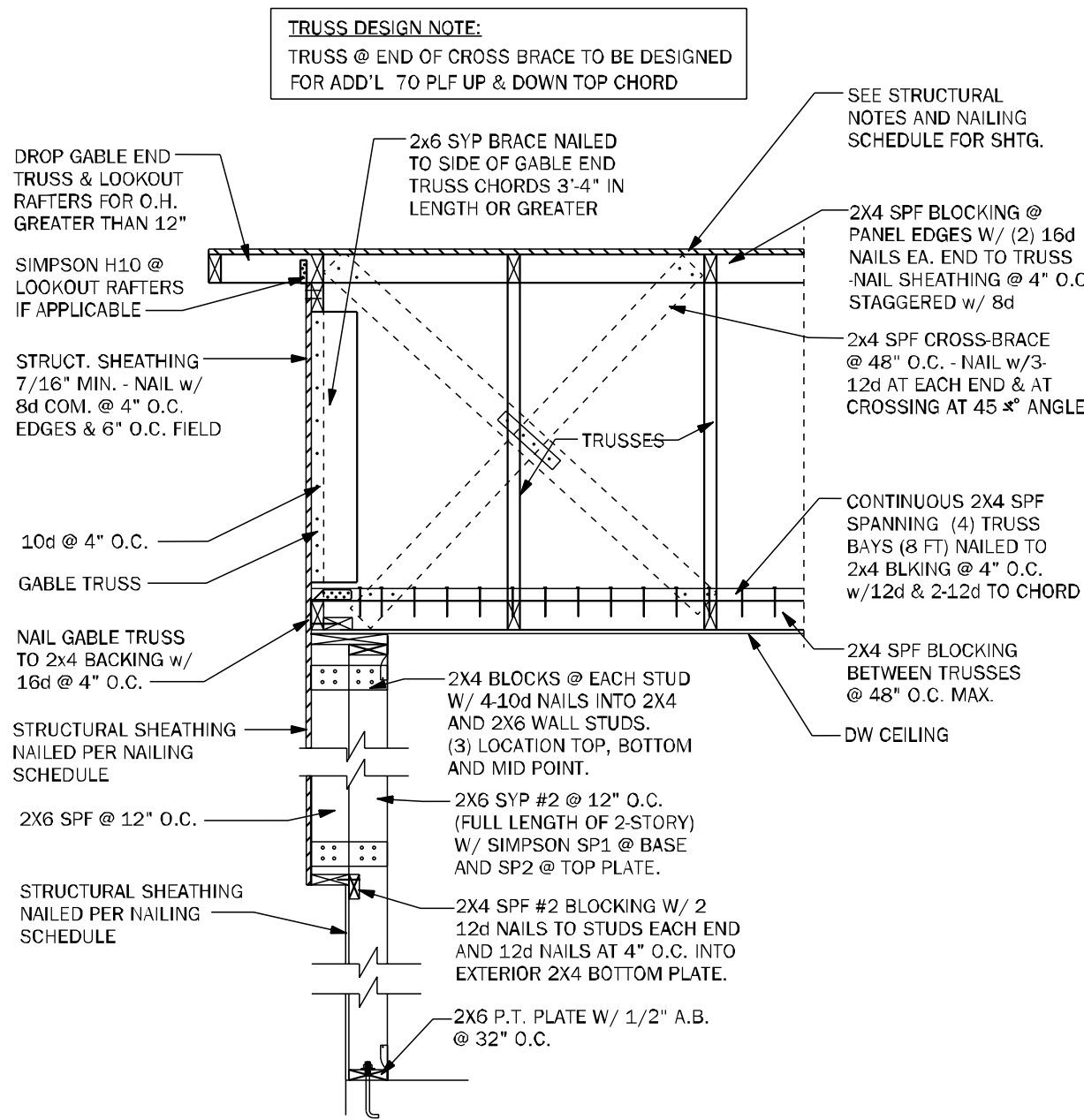
**GE05** GABLE END BRACING - FRAME WALL N.T.S.



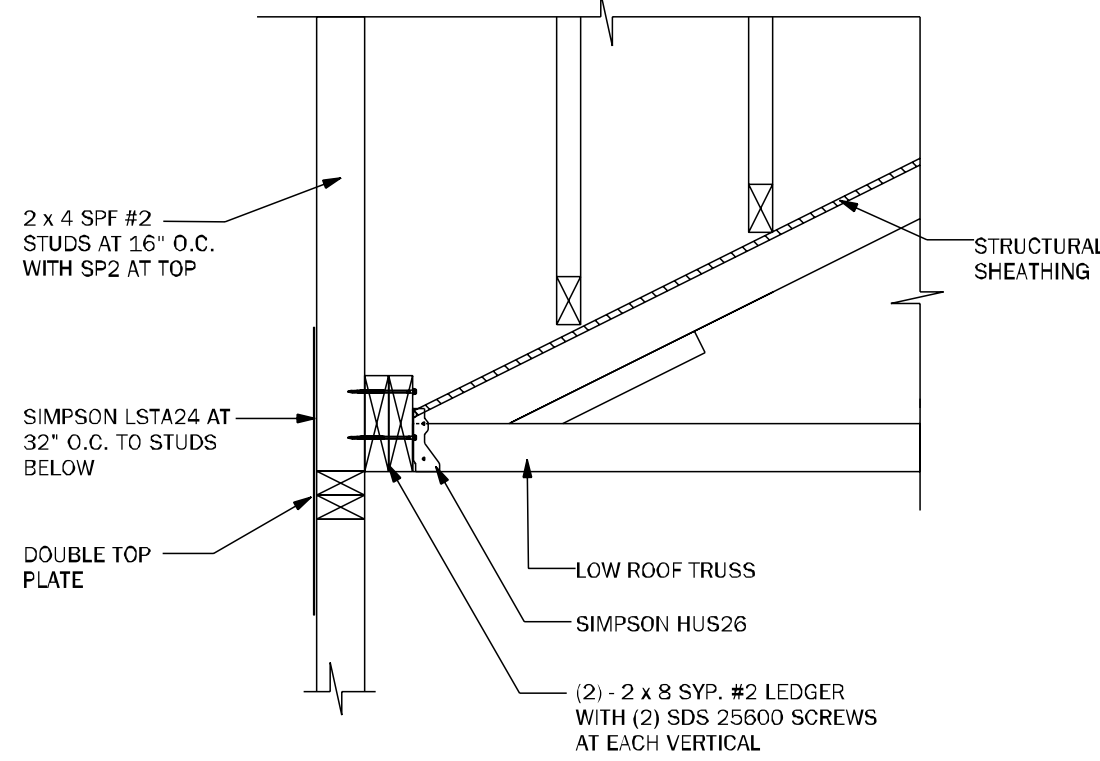
**GE22** GABLE END BRACING w/ VOL CEILING 1/2"=1'-0"



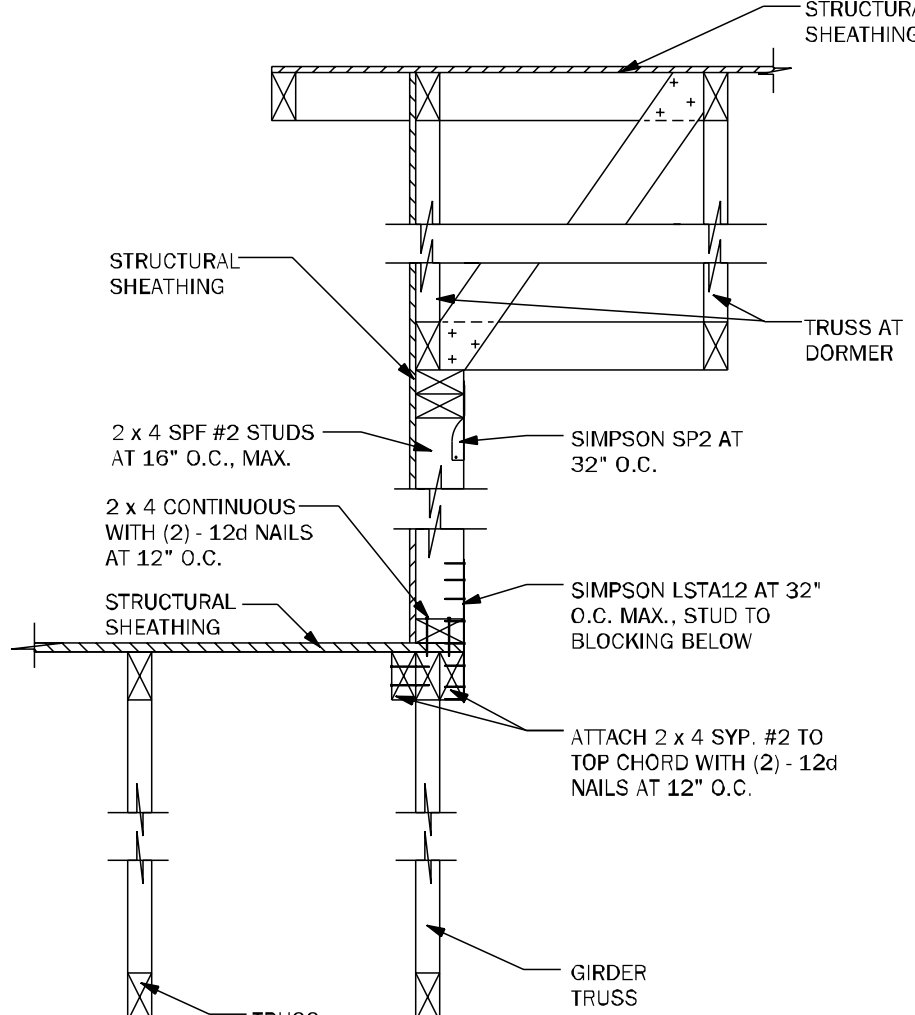
**GE23** GABLE END BRACING w/o VOLUME CEILING 1/2"=1'-0"



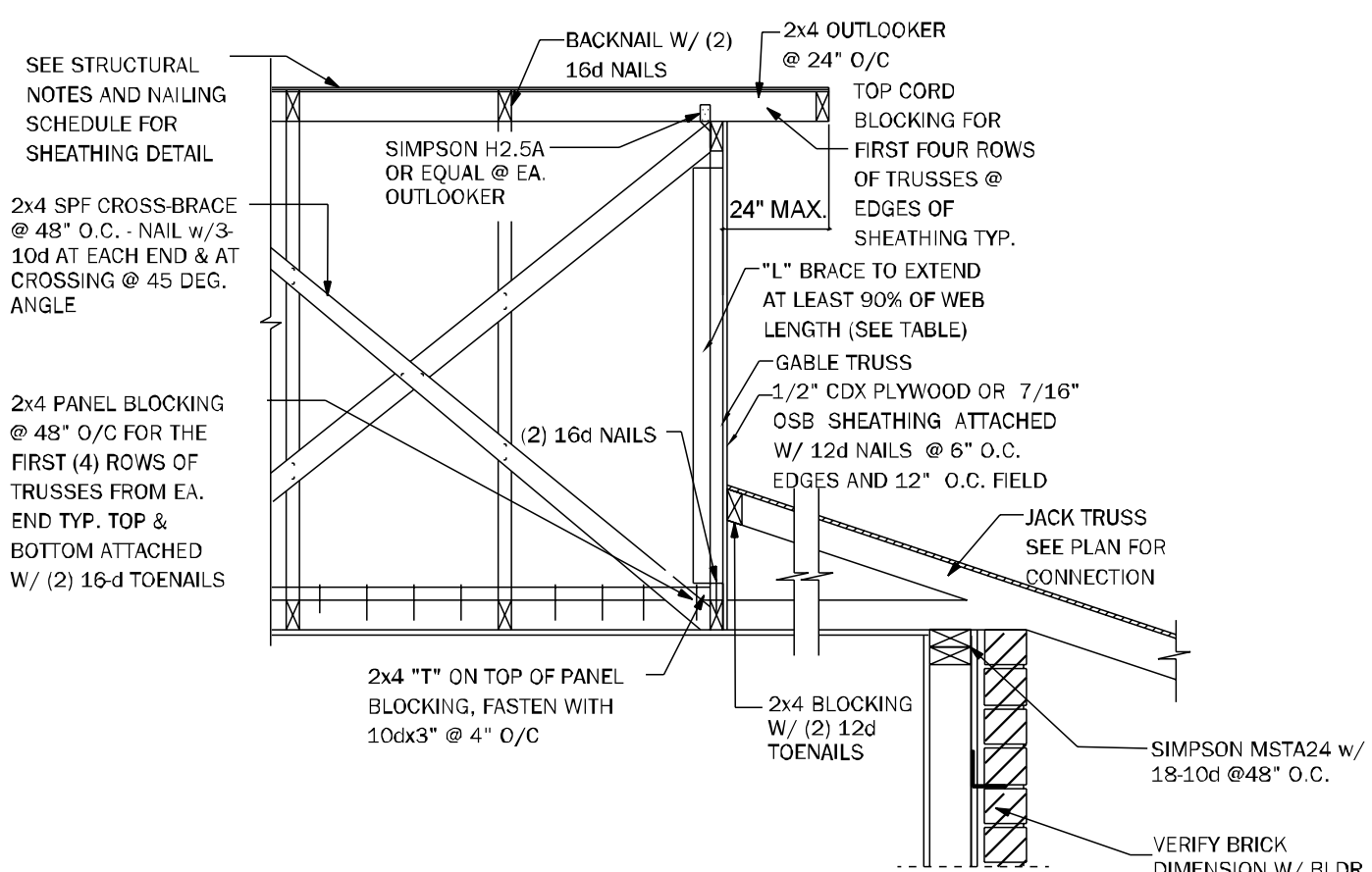
**GE24** GABLE @ VAULT N.T.S.



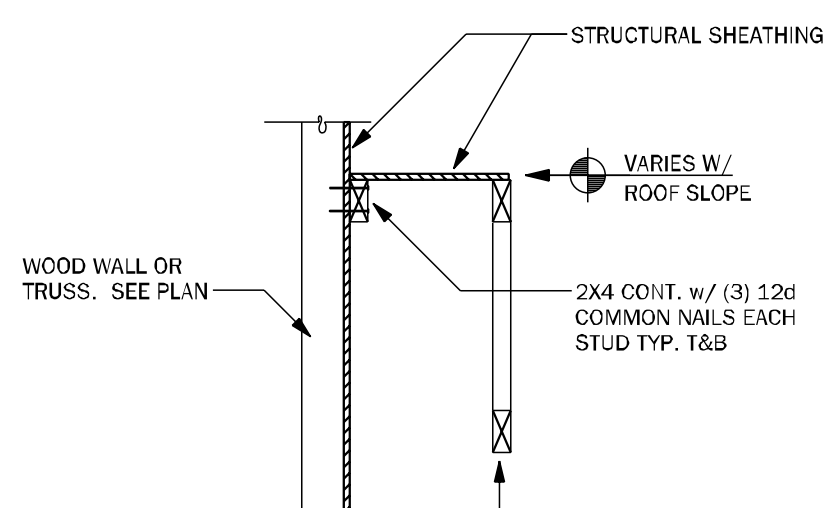
**WF72** LEDGER N.T.S.



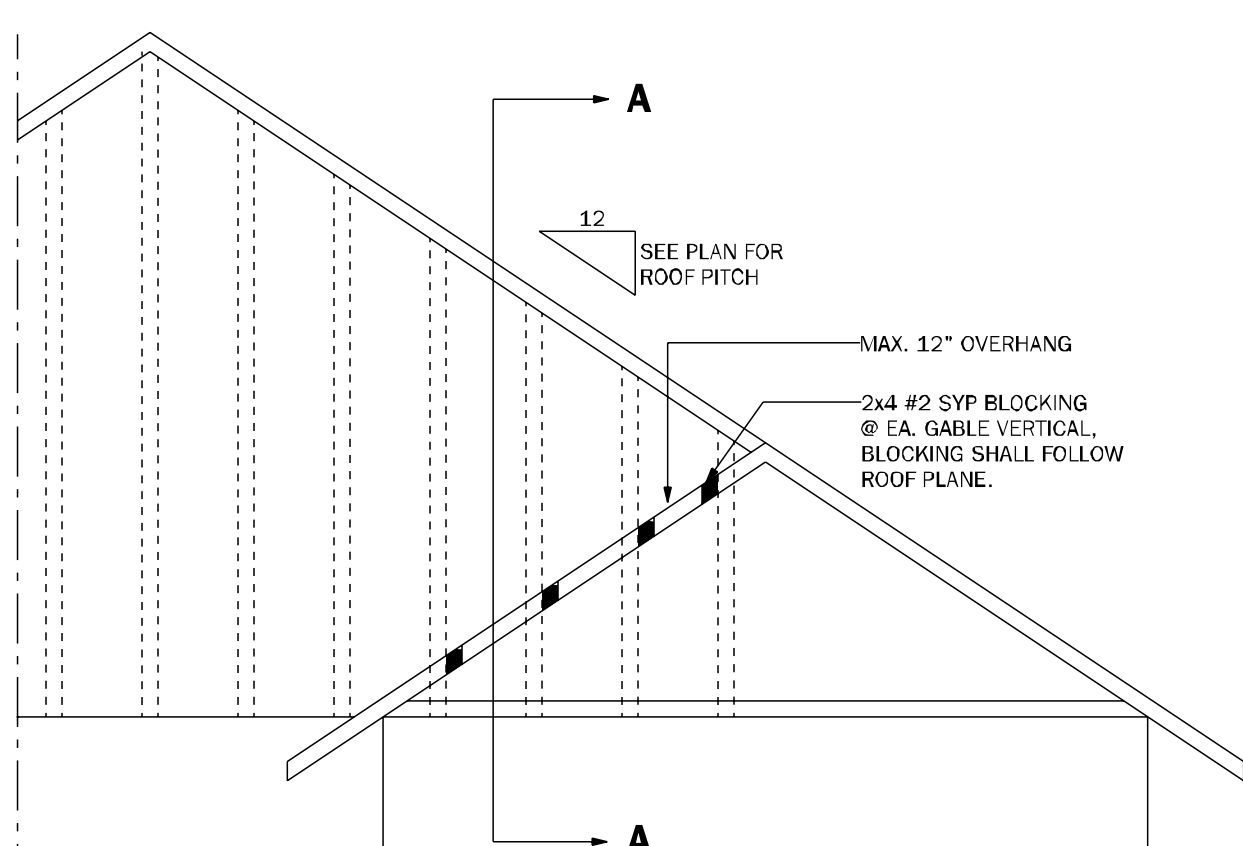
**WF73** KNEEWALL @ DORMER N.T.S.



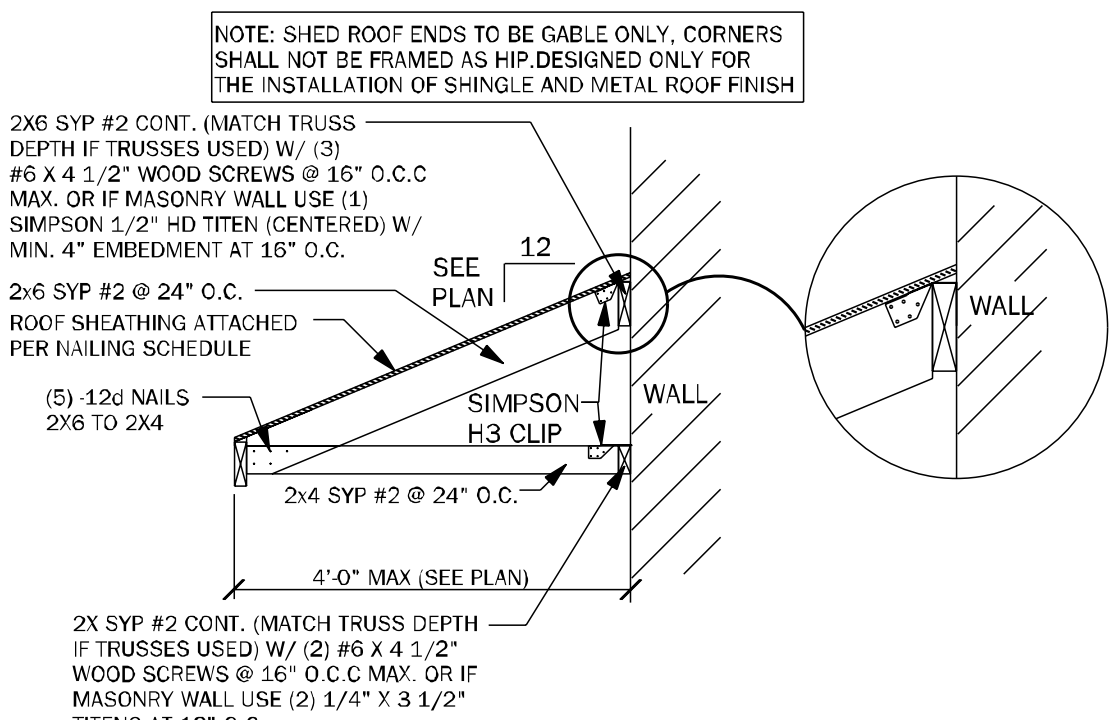
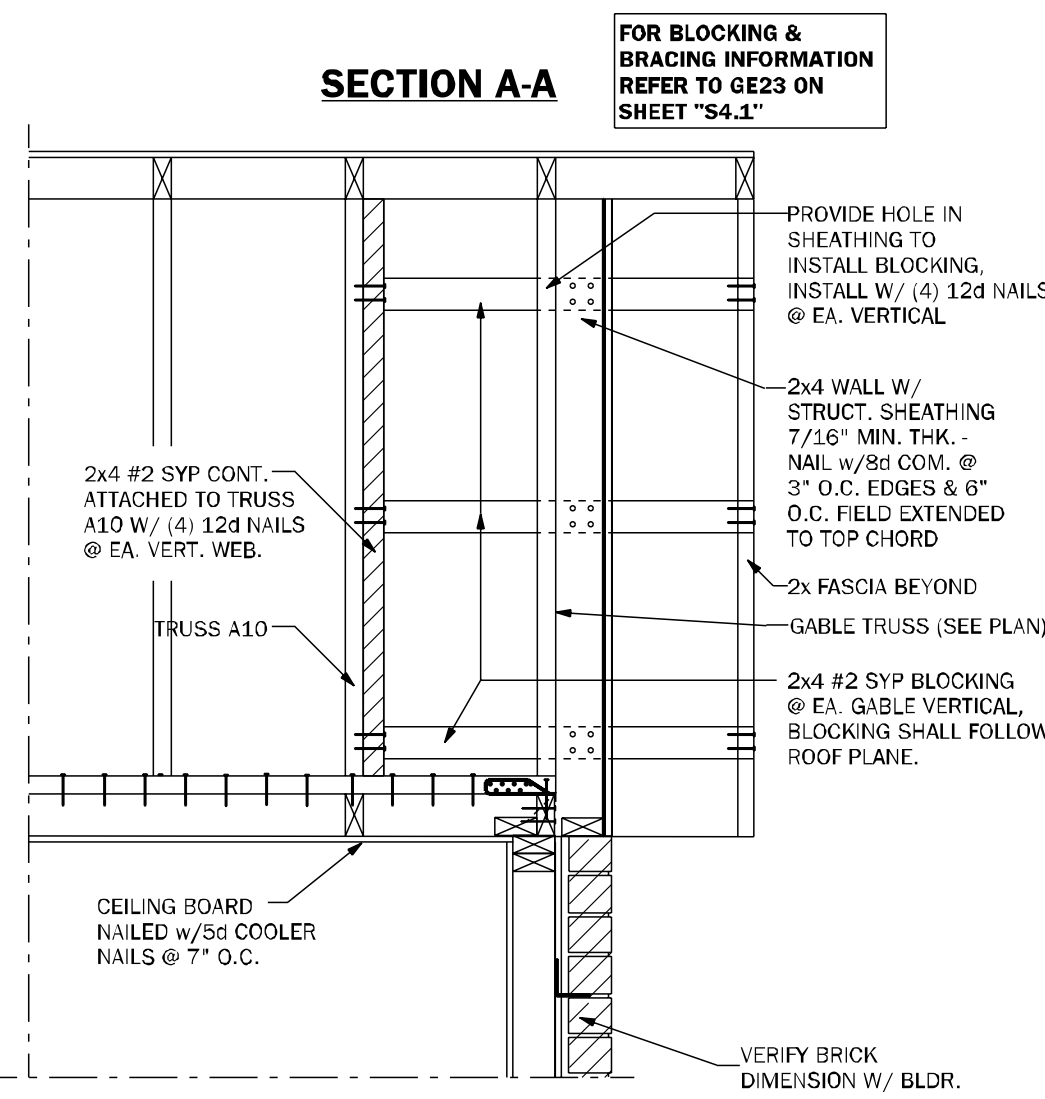
**GE21** SECTION @ DUTCH GABLE 3/4"=1'-0"



**LD02** SHEAR TRANSFER EXTERIOR WALL N.T.S.



**GE23.1** GABLE END OVERHANG 1/2"=1'-0"



**SR01** SECTION AT SHED ROOF 3/4"=1'-0"

COUNTY  
SEAL

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Professional Engineer  
No. 1251  
State of Florida  
Expiring 12/31/2024

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**DAMS HOMES**  
FLORIDA CONTRACTORS LICENSE NO. CRC13301148  
100 WEST GARDEN STREET  
PENSACOLA FL 32502

**DIVISION LOCATION:**  
GAINESVILLE

**INVENTORY**

LOT: 94  
BLK:  
SEC:  
SUB: PRESERVE AT LAUREL LAKE  
747 SW ROSEMARY DR.  
LAKE CITY, FL

Model Name / Number:  
**1755**

Plan Issue Date:  
Wednesday, December 11, 2024

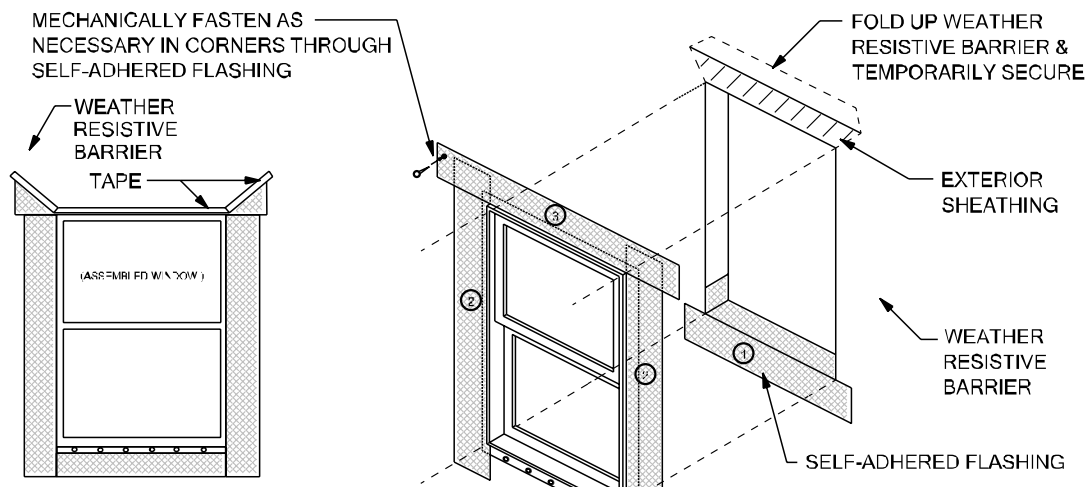
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**24-13141**

Sheet: **S-4.1** Of:

**ROOF FRAMING AND BRACING DETAILS**

Wednesday, December 11, 2024





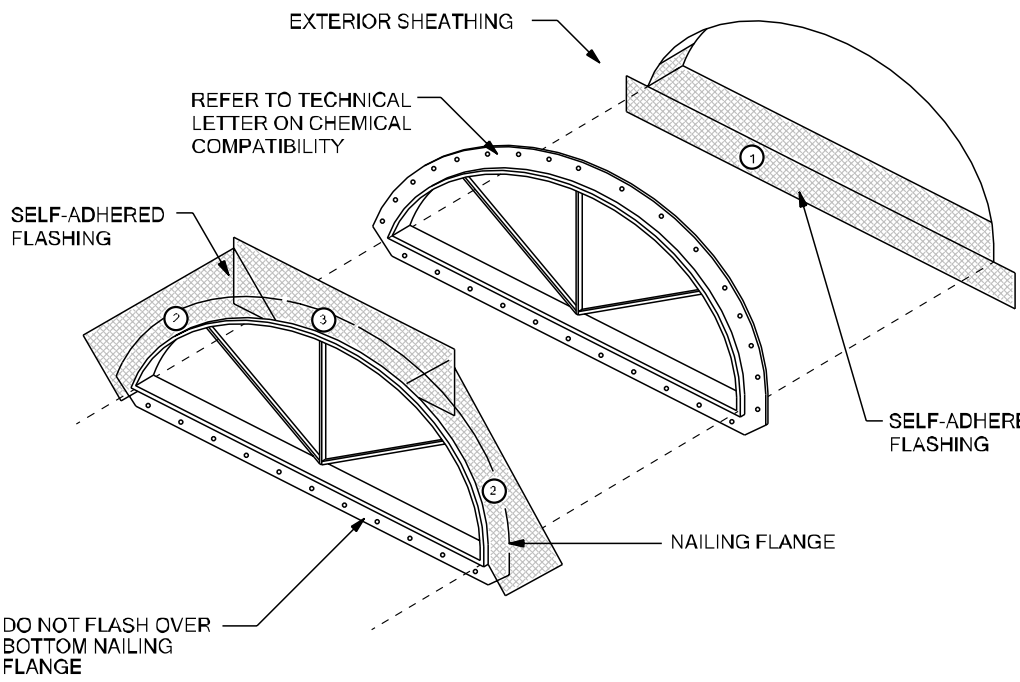
- HEAD FLASHING TIE-IN INSTRUCTIONS:
1. Cut, fold up & temporarily secure weather resistive barrier above header to allow for flashing installation
  2. Self-adhered flashing plus head flashing under weather resistive barrier
  3. Fold weather resistive barrier back over head flashing and seal with tape

①  
②

SELF-ADHERED FLASHING  
FLASHING INSTALLATION AFTER WEATHER RESISTIVE BARRIER

Scale: NTS

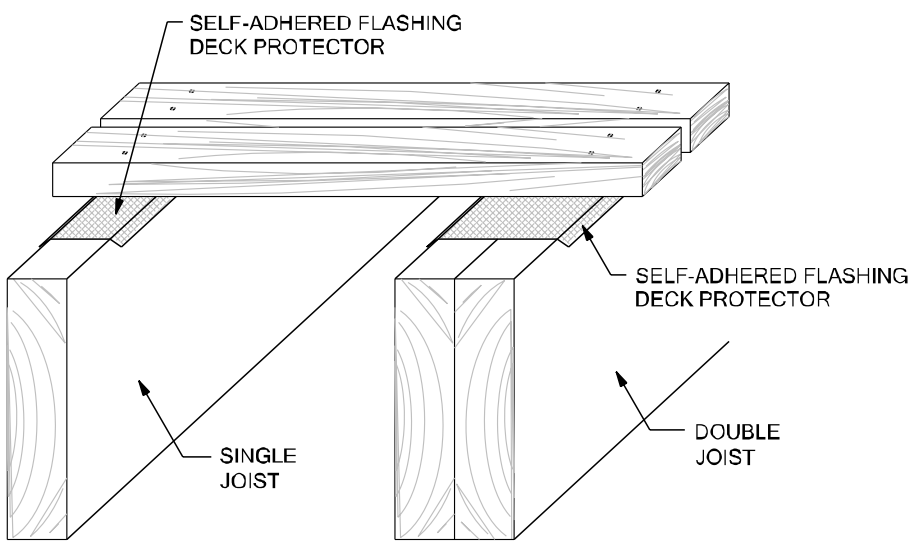
WP01



①  
②  
⑧

SELF-ADHERED FLASHING  
HALF ROUND WINDOW

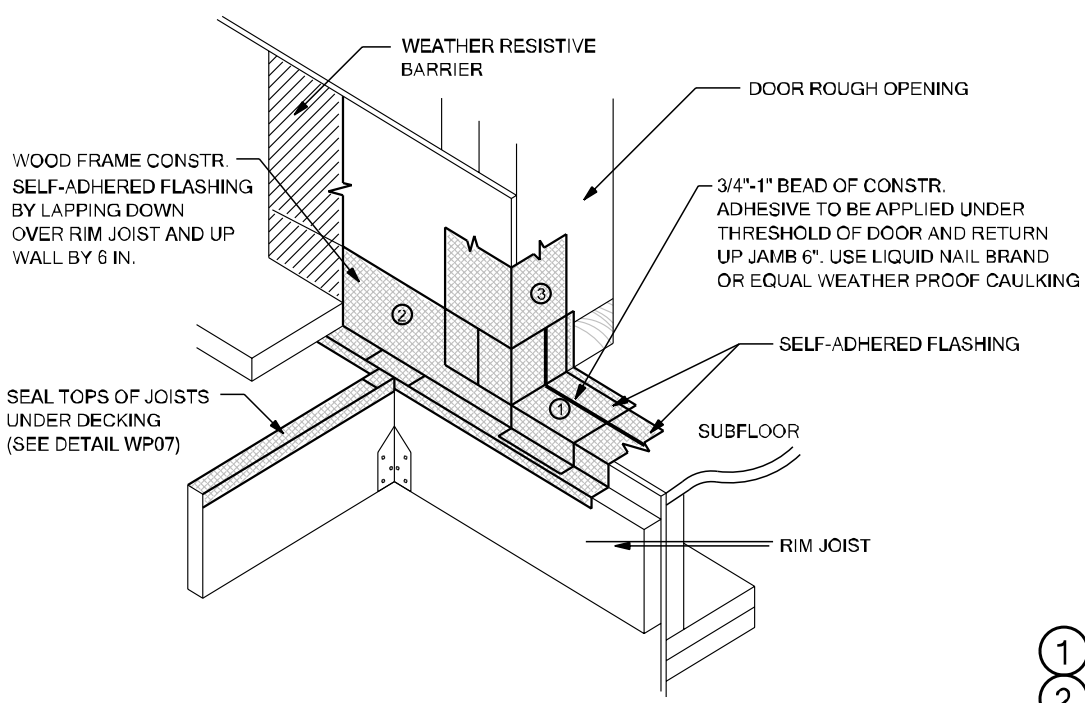
WP04



②

SELF-ADHERED FLASHING  
W0.8362x;DECK JOIST

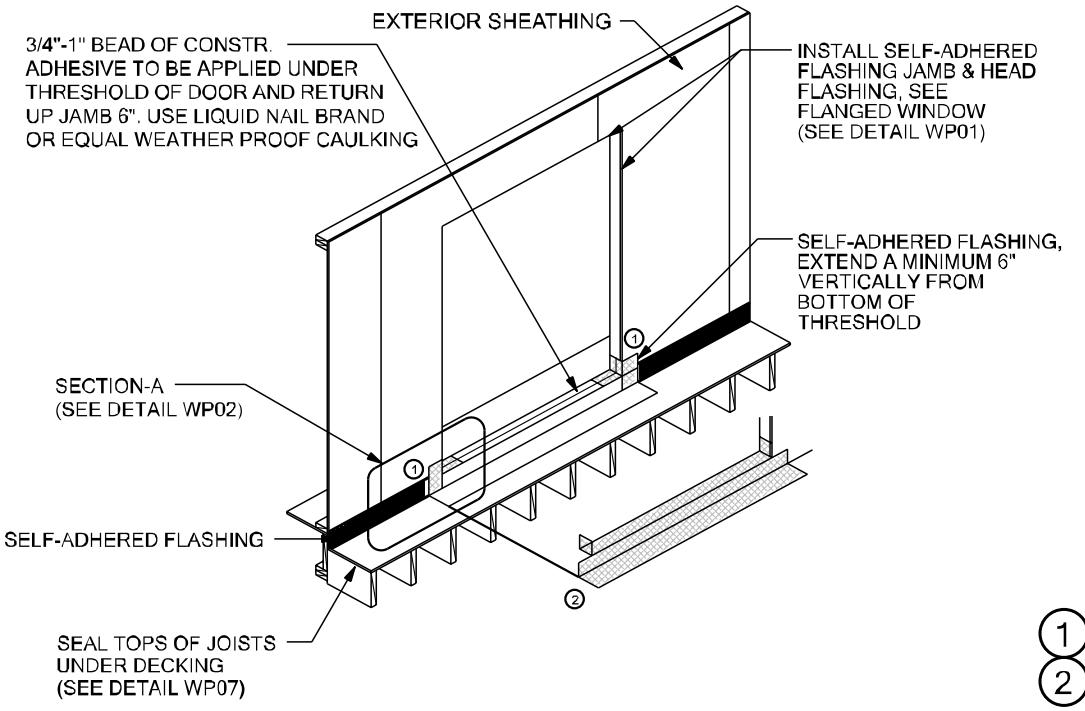
WP07



①  
②

SELF-ADHERED FLASHING  
EXTERIOR DOOR WITH DECK - SECTION A

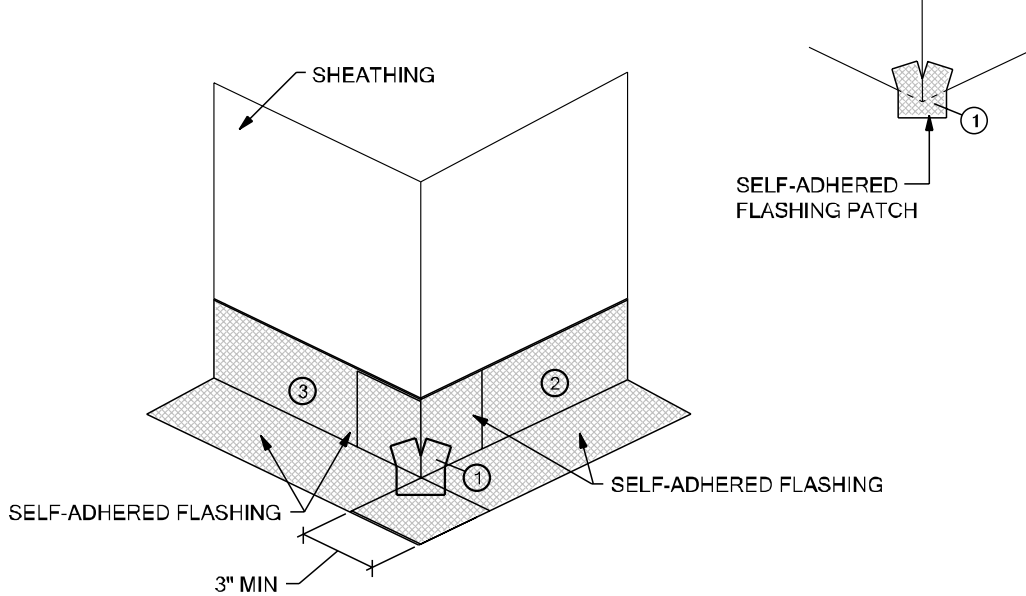
WP02



①  
②

SELF-ADHERED FLASHING  
EXTERIOR DOOR WITH DECK

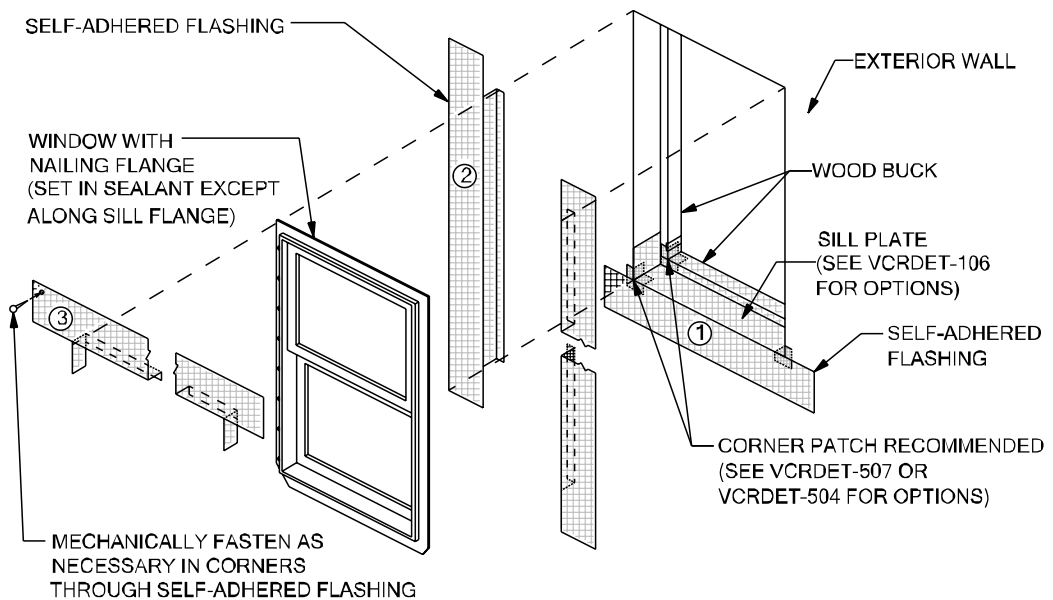
WP05



①  
②  
④  
⑤

SELF-ADHERED FLASHING  
OUTSIDE CORNER

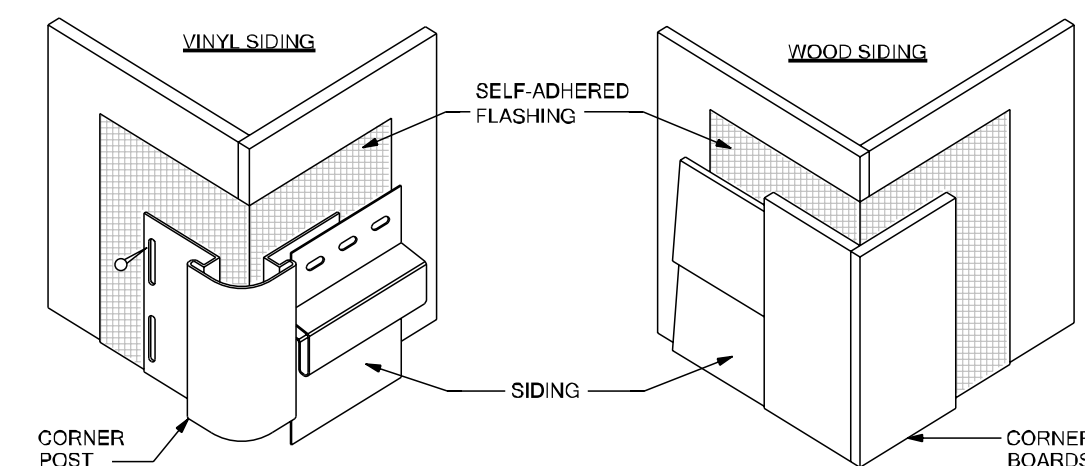
WP08



- NOTES:
1. INSTALL WINDOW PER MANUFACTURER'S RECOMMENDATION AND USE APPROPRIATE SEALANT FOR WINDOW AND WOOD BUCK
  2. WEATHER RESISTIVE BARRIER TO FORM WATER-SHEDDING LAPS.

RECESSED WINDOW

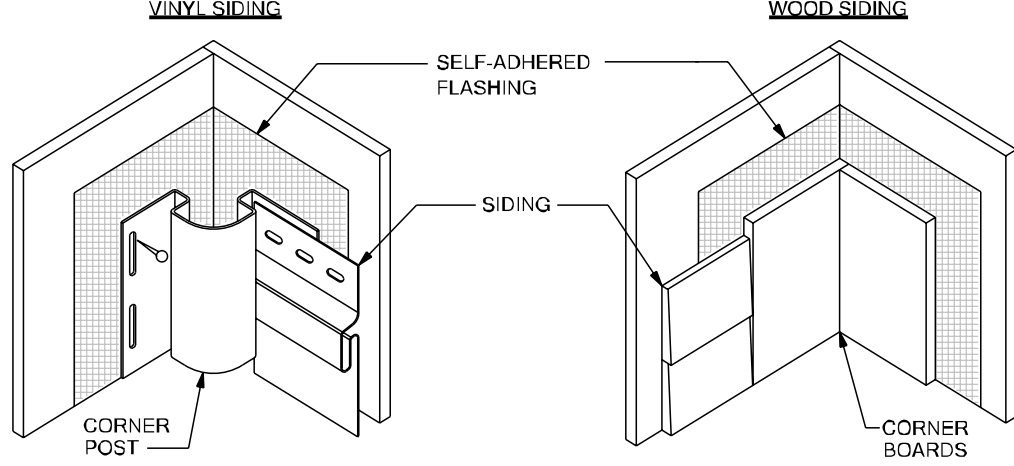
WP10



- NOTES:
1. EXTEND SELF-ADHERED FLASHING BEYOND JOINT BETWEEN SIDING AND CORNER POST/BOARDS.
  2. INSTALL SELF-ADHERED FLASHING ON OUTSIDE CORNER FOR THE HEIGHT OF THE WALL.

WALL-TO-WALL OUTSIDE CORNER

WP11



- NOTES:
1. EXTEND SELF-ADHERED FLASHING BEYOND JOINT BETWEEN SIDING AND CORNER POST/BOARDS.
  2. INSTALL SELF-ADHERED FLASHING ON OUTSIDE CORNER FOR THE HEIGHT OF THE WALL.

WALL-TO-WALL INSIDE CORNER

WP12

THESE DETAILS ARE GENERIC AND MEANT TO SHOW  
GENERAL FLASHING AND WATERPROOFING METHODS  
TO BE USED.

## SELF-ADHERED FLASHING PRODUCTS DETAILS

TWO LAYERS OF FELT OR ONE LAYER OF HOUSE WRAP AND  
ONE LAYER OF FELT ARE REQUIRED BEHIND STUCCO. FBC R703.2

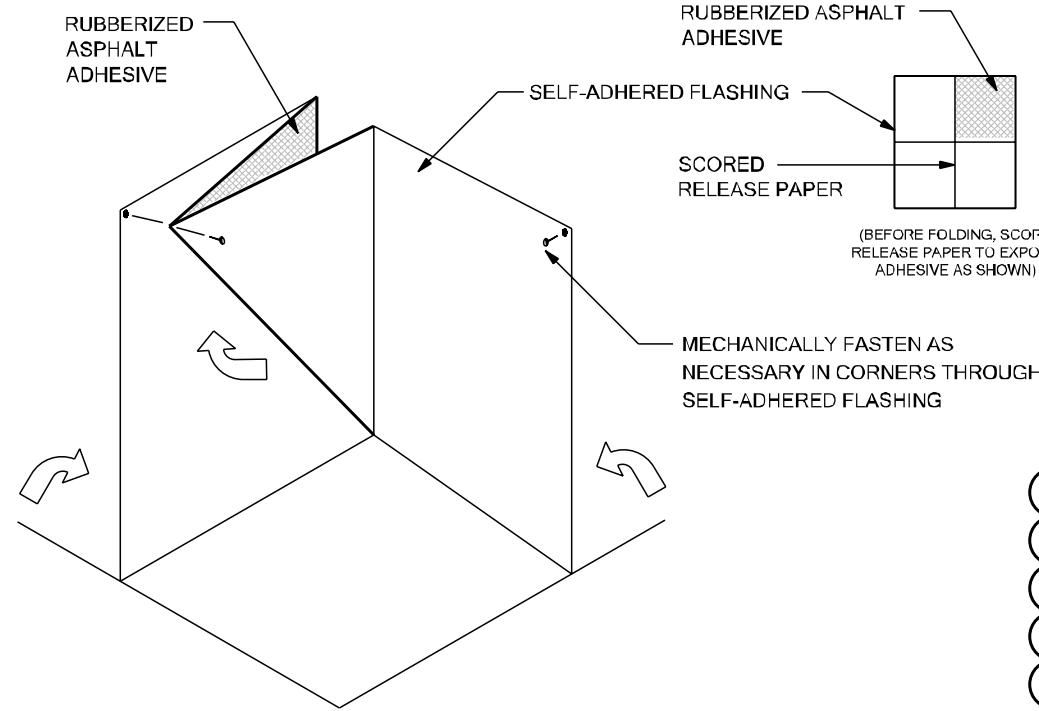
### DETAIL INSTRUCTIONS

REFER TO THE NUMBER MARKED AS (#) IN EACH DETAIL THAT  
CORRESPONDS TO THE NUMBERED ITEMS IN THE LIST OF  
INSTRUCTIONS BELOW:

1. INSTALL SELF-ADHERED FLASHING IN ORDER AS SHOWN BY NUMBERS.
2. INSTALL FLASHING AND WEATHER RESISTIVE BARRIER TO FORM WATER-SHEDDING LAPS.
3. SELF-ADHERED FLASHING CAN BE SUBSTITUTED FOR BUILDING PAPER.
4. SPLIT THE RELEASE PAPER USING THE RIPCORD (SPLIT RELEASE ON DEMAND, EMBEDDED IN THE ADHESIVE LAYER) - FOR EASE OF INSTALLATION AND TO MINIMIZE SCORING CUTS.
5. REMOVE ALL RELEASE PAPER PER STANDARD INSTALLATION INSTRUCTIONS AND ADHERE TO SUBSTRATE USING A SQUARE PIECE OF FLASHING MATERIAL (6" X 6" MINIMUM).
6. FOLD AS SHOWN BY ARROWS.
7. ANGLE OF CORNER MAY VARY, ADJUST FOLDING OF THE FLASHING ACCORDINGLY TO FIT TIGHT TO CORNER.
8. MECHANICALLY FASTEN AS NECESSARY.

TIE-IN WITH VINYL SIDING  
AT WINDOW SILL

WP03



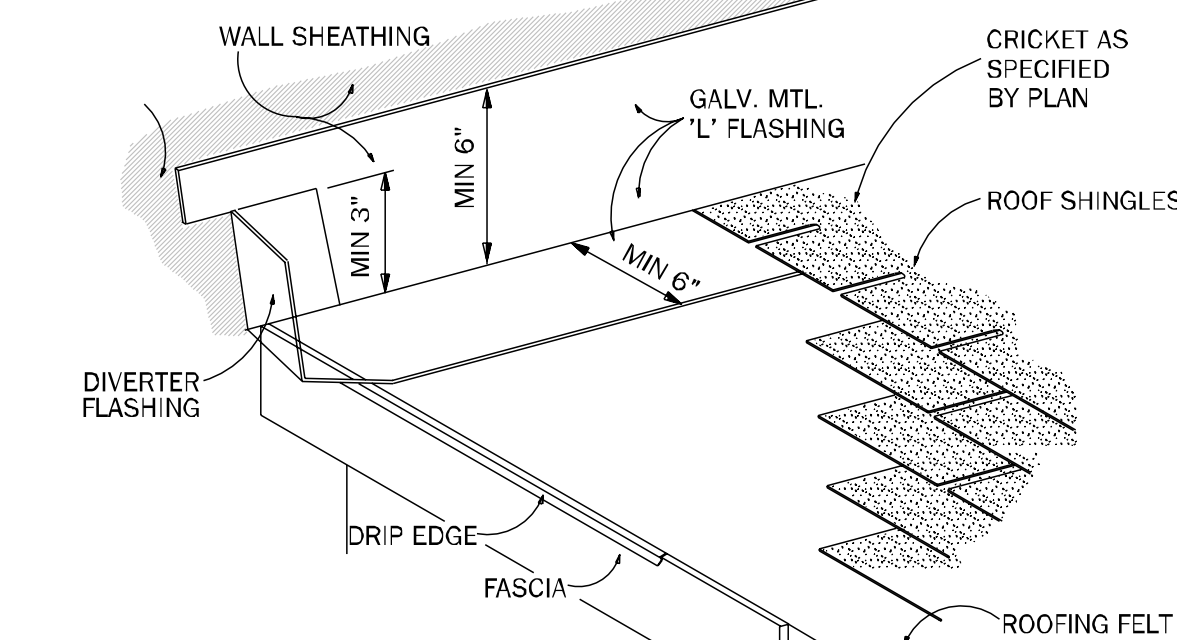
②  
⑤  
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⑥  
⑦

SELF-ADHERED FLASHING  
INSIDE CORNER

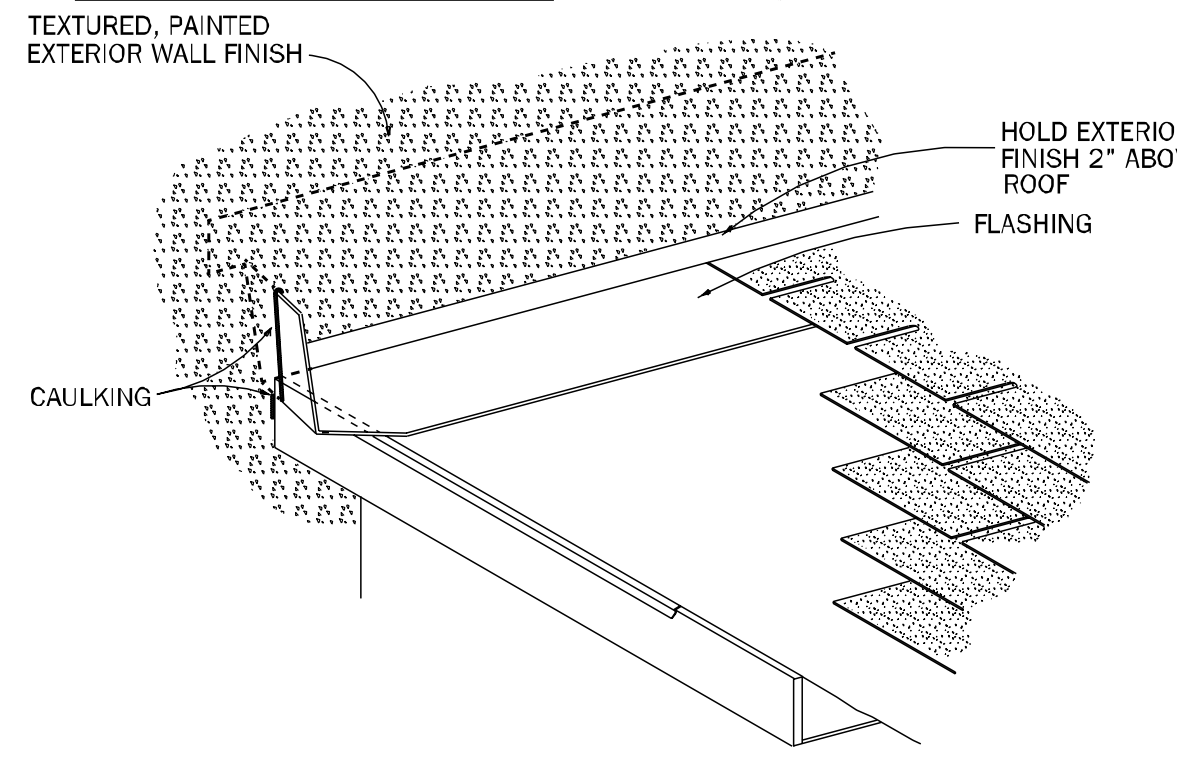
WP06

### FIGURE 1: FLASHING INSTALLATION

ASPHALT SEALANT:  
EXTEND MIN. OF 6"  
OUTSIDE OF FLASHING

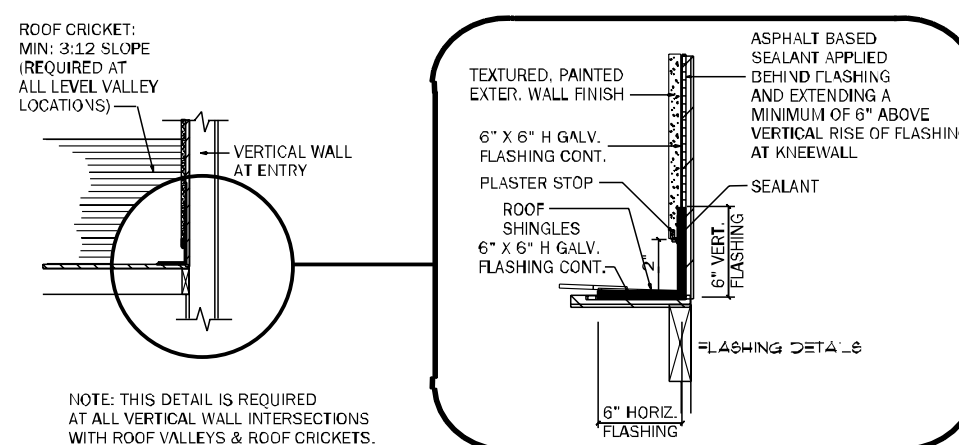


### FIGURE 2: WALL FINISH



### FLASHING INSTALLATION WHERE ROOF MEETS VERTICAL WALL

### FIGURE 3: CORNER DETAIL



### FLASHING DETAIL AT CRICKET / KNEEWALL INTERSECTION

## FLASHING REQUIREMENTS

R703.1 GENERAL. EXTERIOR WALLS SHALL PROVIDE THE BUILDING WITH A WEATHER-RESISTANT EXTERIOR WALL ENVELOPE. THE EXTERIOR WALL ENVELOPE SHALL INCLUDE FLASHING AS DESCRIBED IN SECTION R703.4. A WATER-RESISTIVE BARRIER IS DESCRIBED AS A MATERIAL, BEHIND AN EXTERIOR WALL COVERING THAT IS INTENDED TO RESIST LIQUID WATER THAT HAS PENETRATED BEHIND THE EXTERIOR COVERING FROM FURTHER INTRUDING INTO THE EXTERIOR WALL ASSEMBLY. AN EXTERIOR WALL COVERING IS DESCRIBED AS A MATERIAL OR ASSEMBLY OF MATERIALS APPLIED ON THE EXTERIOR SIDE OF EXTERIOR WALLS FOR THE PURPOSE OF PROVIDING A WEATHER-RESISTIVE BARRIER, INSULATION, OR FOR AESTHETICS, INCLUDING BUT NOT LIMITED TO, VENEERS, SIDING, EXTERIOR INSULATION AND FINISH SYSTEMS, ARCHITECTURAL TRIM AND EMBELLISHMENTS SUCH AS CORNICES, SOFFITS, AND FASCIAS.

R703.2 WATER-RESISTIVE BARRIER. ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D2285 FOR TYPE I FELT OR OTHER APPROVED WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR WALLS. SUCH FELT OR MATERIAL SHALL BE APPLIED HORIZONTALLY, WITH THE UPPER LAYER LAPPED OVER THE LOWER LAYER NOT LESS THAN 2 INCHES (51 MM) WHERE JOINTS OCCUR. FELT SHALL BE LAPPED NOT LESS THAN 6 INCHES (152 MM). THE FELT OR OTHER APPROVED MATERIAL SHALL BE CONTINUOUS TO THE TOP OF WALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALL ENVELOPE AS DESCRIBED IN SECTION R703.1.

R703.7.3 WATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND, WHERE APPLIED OVER WOOD-BASED SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO TWO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDED TO DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS.

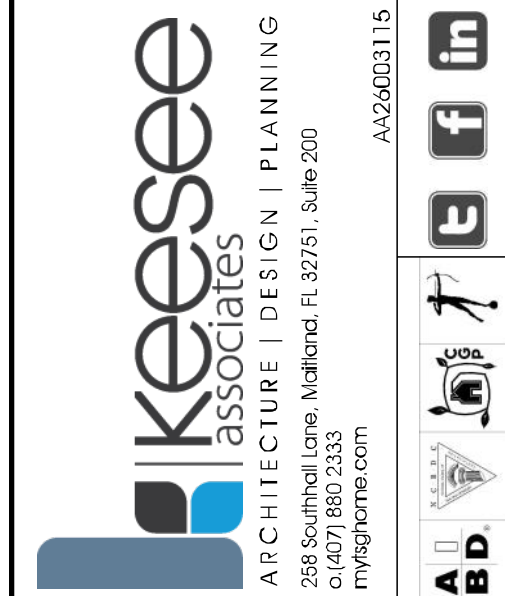
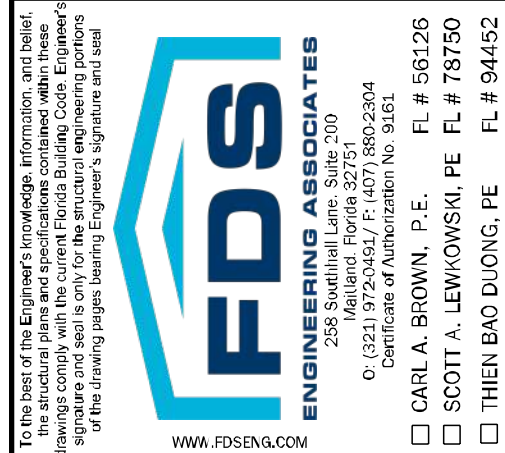
EXCEPTION: WHERE THE WATER-RESISTIVE BARRIER THAT IS APPLIED OVER WOOD-BASED SHEATHING HAS A WATER RESISTANCE EQUAL TO OR GREATER THAN THAT OF 60-MINUTE GRADE D PAPER AND IS SEPARATED FROM THE STUCCO BY AN INTERVENING, SUBSTANTIALLY NONWATER-ABSORBING LAYER OR DESIGNED DRAINAGE SPACE.

R703.4 FLASHING. APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SHINGLE-FASHION IN A MANNER TO PREVENT ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. ALL EXTERIOR PENETRATION PRODUCTS SHALL BE SEALED AT THE JUNCTURE WITH THE BUILDING WALL WITH A SEALANT COMPLYING WITH AAMA 800 OR ASTA C920 CLASS 25 GRADE NS OR GREATER FOR PROPER JOINT EXPANSION AND CONTRACTION. ASTM C1281, AAMA 812, OR OTHER APPROVED STANDARD AS APPROPRIATE FOR THE TYPE OF SEALANT. FLUID-APPLIED MEMBRANES USED AS FLASHING IN EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH. APPROVED CORROSION-RESISTANT FLASHINGS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS:

1. EXTERIOR WINDOW AND DOOR OPENINGS. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER COMPLYING WITH SECTION 703.2 FOR SUBSEQUENT DRAINAGE. MECHANICALLY ATTACHED FLEXIBLE FLASHINGS SHALL COMPLY WITH AAMA 712. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH ONE OR MORE OF THE FOLLOWING:
  - 1.1 THE FENESTRATION MANUFACTURER'S INSTALLATION AND FLASHING INSTRUCTIONS, OR FOR APPLICATIONS NOT ADDRESSED IN THE FENESTRATION MANUFACTURER'S INSTRUCTIONS, IN ACCORDANCE WITH THE FLASHING MANUFACTURER'S INSTRUCTIONS, WHERE FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED. PAN FLASHING SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES.
  - 1.2. IN ACCORDANCE WITH THE FLASHING DESIGN OR METHOD OF A REGISTERED DESIGN PROFESSIONAL.
  - 1.3. IN ACCORDANCE WITH OTHER APPROVED METHODS.
  - 1.4. IN ACCORDANCE WITH FMA/AAMA 100, FMA/AAMA 200, FMA/WDMA 250, FMA/AAMA/WDMA 300 OR FMA/AAMA/WDMA 400.
2. AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS, WITH PROJECTING LIPS ON BOTH SIDES UNDER STUCCO CORNICES.
3. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.
4. CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
5. WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAME CONSTRUCTION.
6. AT WALL AND ROOF INTERSECTIONS.
7. AT BUILT-IN GUTTERS.

COUNTY  
SEAL

Wednesday, December 11, 2024



DIVISION LOCATION:  
GAINESVILLE

Job Information:

INVENTORY  
LOT: 94  
BLK:  
SEC:  
SUB: PRESERVE AT LAUREL LAKE  
747 SW ROSEMARY DR.  
LAKE CITY, FL

Model Name / Number:

1755

Plan Issue Date:

Wednesday, December 11, 2024

KA PROJECT NUMBER:

24-13141

Sheet: WP

WATER PROOF

DETAILS



