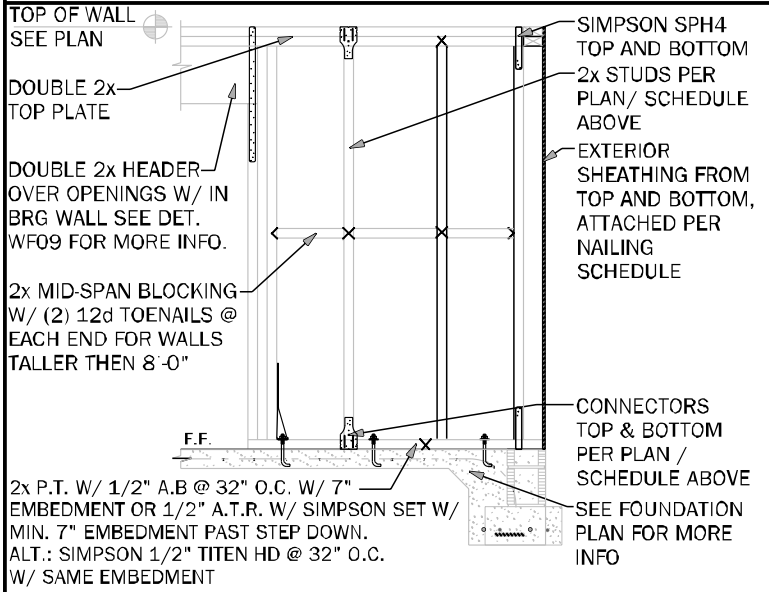






BEARING WOOD INTERIOR WALL SCHEDULE					
MARK	STUD SPACING	CONNECTION & FASTENERS		LUMBER SPECIES	UPLIFT CAP (PIF)
		TOP	BOTTOM		
BW1	16"	(2) 16d TOENAILS	(2) 16d TOENAILS	SPF	0
BW2	16"	SP2 W/ (6)10d NAILS	SP1 W/ (6)10d NAILS	SPF	402
BW3	16"	SP4 W/ (6) 10d x 1 1/2" NAILS	SP4 W/ (6) 10d x 1 1/2" NAILS	SPF	571
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



**BEARING INTERIOR WALL DETAIL**

DOUBLE 2x4 TOP PLATE  
DOUBLE 2x4 HEADER OVER OPENINGS W/ IN BRG WALL. SEE DET. W/09 FOR MORE INFO.  
2x MID SPAN BLOCKING W/ (2) 12d TOENAILS @ EACH END FOR WALLS TALLER THEN 8'-0"  
2x P.T. W/ 1/2" A.B @ 32" O.C. W/ 7" EMBEDMENT OR 1/2" A.T.R. W/ SIMPSON SET W/ MIN. 7" EMBEDMENT FAST STEP DOWN. A.T. SIMPSON 1/2" THEN HD @ 32" O.C. W/ SAME EMBEDMENT

SIMPSON SP4s TOP AND BOTTOM 2x STUDS PER PLAN / SCHEDULE ABOVE  
EXTERIOR SHEATHING FROM TOP AND BOTTOM, ATTACHED PER NAILING SCHEDULE  
CONNECTORS TOP & BOTTOM PER PLAN / SCHEDULE ABOVE  
SEE FOUNDATION PLAN FOR MORE INFO

#### 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 W/09/33 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 STORM PROTECT WALL. IF "SW" IS INDICATED THE WALL IS CONSIDERED A STORM PROTECT WALL. IF "SW" IS INDICATED THE WALL IS CONSIDERED A STORM PROTECT WALL.
- ALL 2x EXTERIOR WALLS W/ EXTERIOR SHEATHING ATTACHED PER NAILING SCHEDULE ACT AS SHEARWALLS. SEE PLAN AND WALLS 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.

#### COLUMN 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 = 2320
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 W/37
- MINIMUM BOLT EMBEDMENT:  
5" EMBEDMENT FOR 1/2" ATR  
6" EMBEDMENT FOR 5/8" ATR  
8" 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
8d	0.131" X 2 1/2"	0.131" X 2 1/2"	SEE PLAN BRG SHANK ON ROOF
10d OR 12d	0.148" X 3"	0.131" X 3"	SEE PLAN
12d	0.148" X 3 1/4"	0.131" X 3 1/4"	SEE PLAN
10d	0.148" X 3"	0.131" X 3"	8" O.C. (COMMON) 6" O.C. (GUN NAIL)
16d	0.162" X 3 1/2"	0.131" X 3 1/2"	8" O.C. (COMMON) 6" O.C. (GUN NAIL)

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 JACKS EA. END	2x6 OR 2x8 WALL 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)

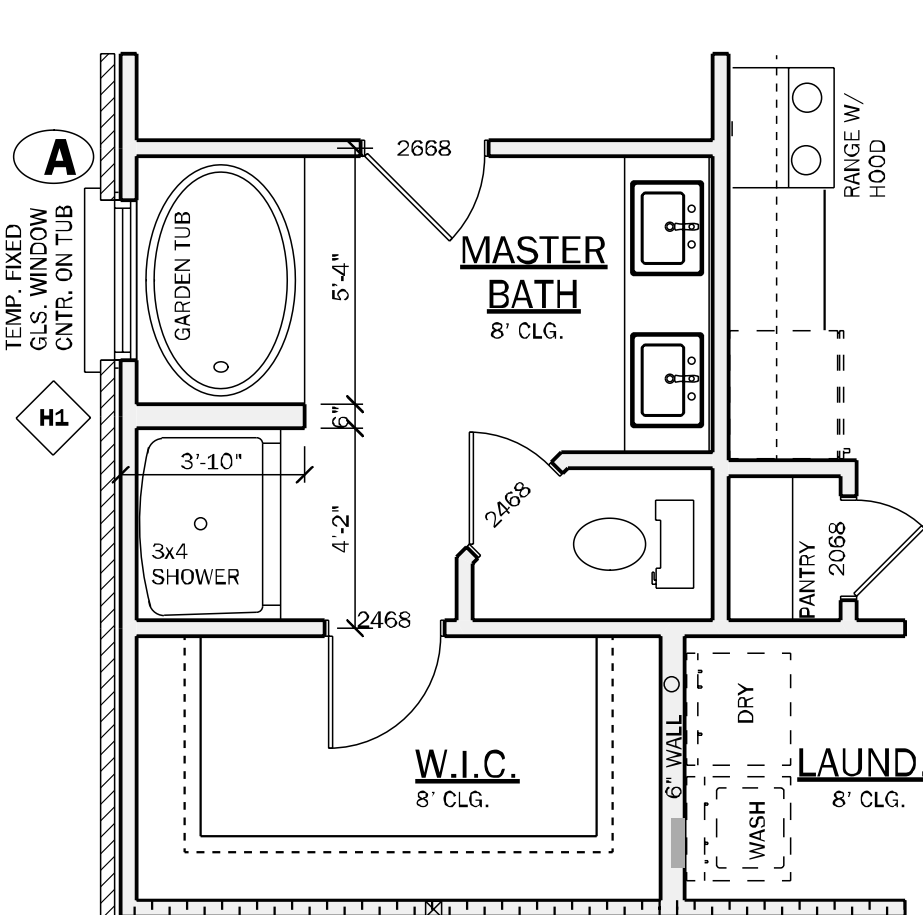
#### GENERAL HEADER NOTES

- 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 W/37
- 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.

BEAM SCHEDULE		
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

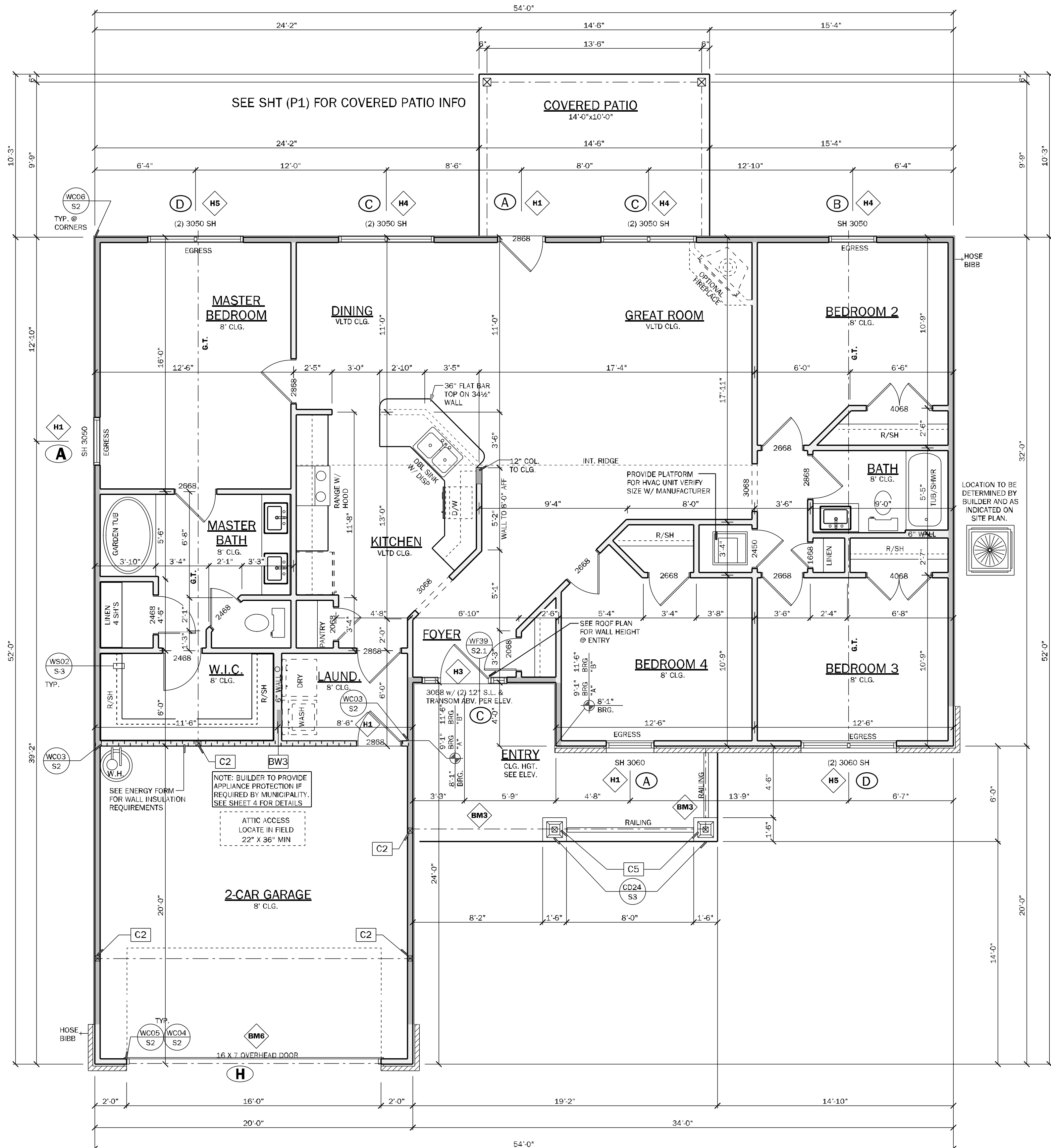
- VERIFY WITH PLAN CORRECT LENGTH OF BEAMS REQUIRED (MIN. 4" BEARING EACH END)
- SEE PLAN FOR TOP OR BOTTOM OF BEAM INDICATIONS
- BEAMS ARE NOT TO BE DRILLED OR NOTCHED IN ANY WAY WITHOUT WRITTEN APPROVAL FROM THE E.O.R.



Y N MASTER BA. OPTIONS	
	2030 (1) P.C. FIBERGLASS SHOWER IN LIEU OF LINEN CLOSET W/ (1) L.D. DISC LT.

#### OPTIONAL MASTER BATH

NOTE: NO DIMENSIONAL CHANGES



#### FLOOR PLAN

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

ELEVATION "C"

**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 L.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 honeycombcore 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.
- R312.2 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 floor 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.
- 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 not 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" 1X4 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.

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

#### AREA CALCULATIONS

1st FLOOR	1760 S.F.
TOTAL LIVING (AG)	1760 S.F.
GARAGE	425 S.F.
COVERED ENTRY	158 S.F.
COVERED PATIO/LANAI	140 S.F.
TOTAL AREA UNDER ROOF	2483 S.F.

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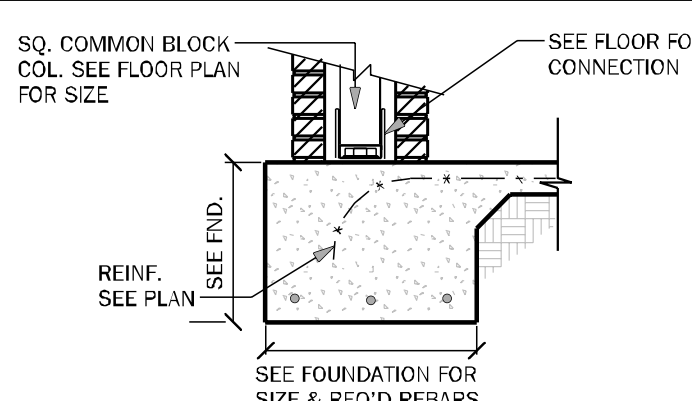
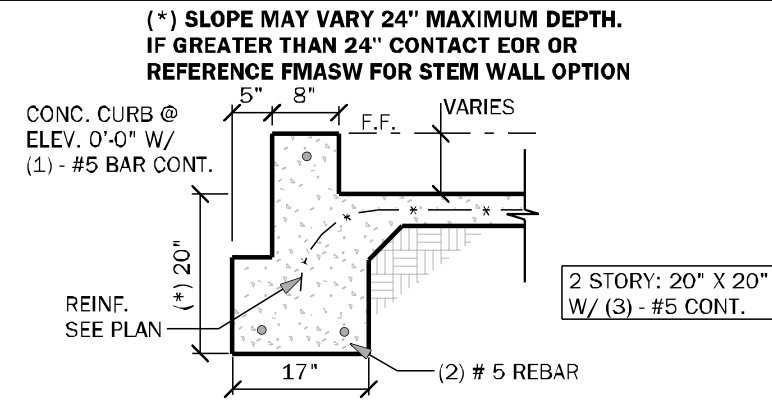
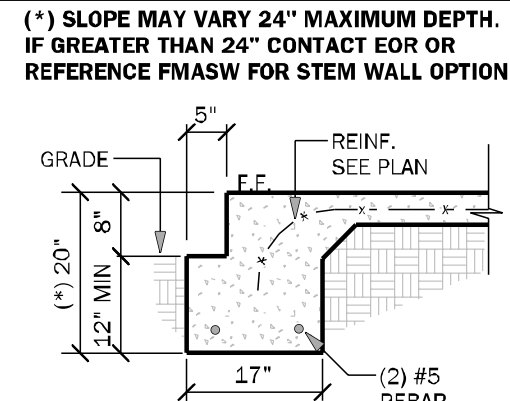
**DAMS HOMES**  
FLORIDA CONTRACTORS LICENSE NO. CRC1330146  
100 WEST GARDEN STREET  
PENSACOLA FL 32502

**DIVISION LOCATION:**  
GAINESVILLE

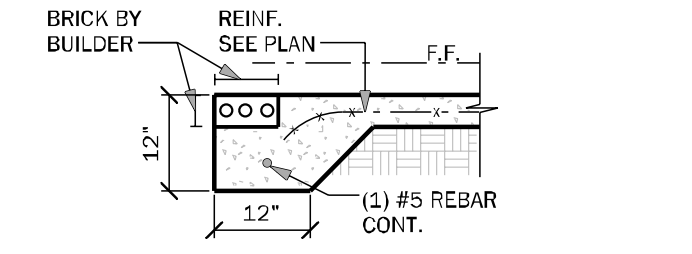
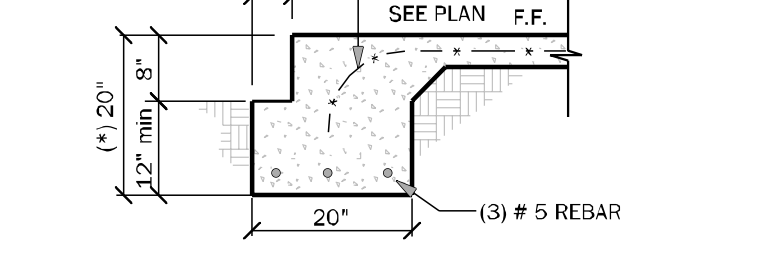
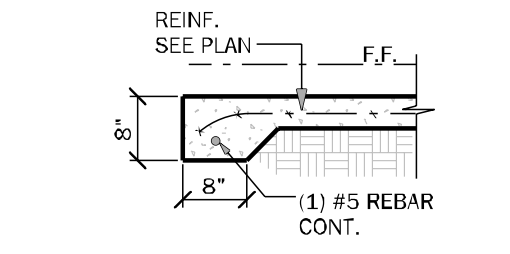
**Job Information:**  
Model Name / Number:  
1755  
Plan Issue Date:  
Thursday, October 31, 2024  
KA PROJECT NUMBER:  
24-13138  
Sheet:  
2  
OR:  
FLOOR PLAN

**INVENTORY**  
LOT: 85  
BLK: SEC:  
SUB: SUB-Preserve at Laurel Lake  
3559 SW Silver Palm Dr  
Lake City, FL





<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.

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

(2) #5 REBAR

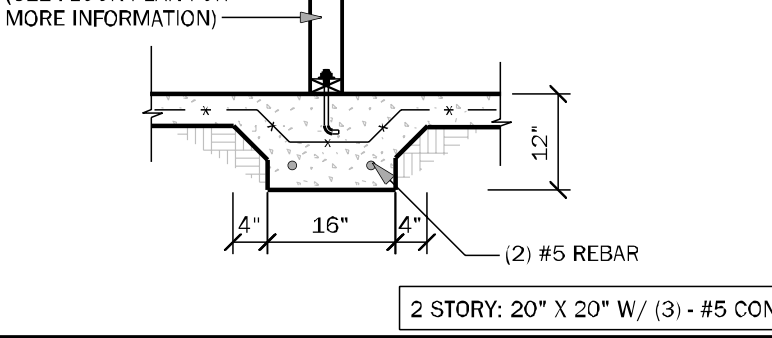
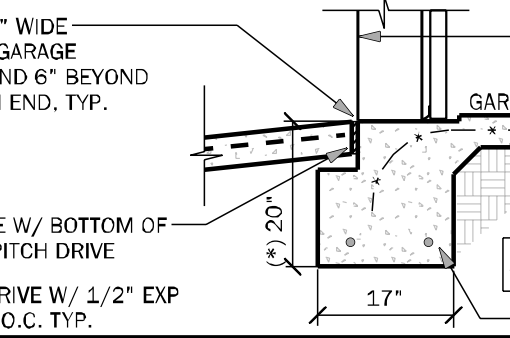
2x BRG. WALL (SEE FLOOR PLAN FOR MORE INFORMATION)

12"

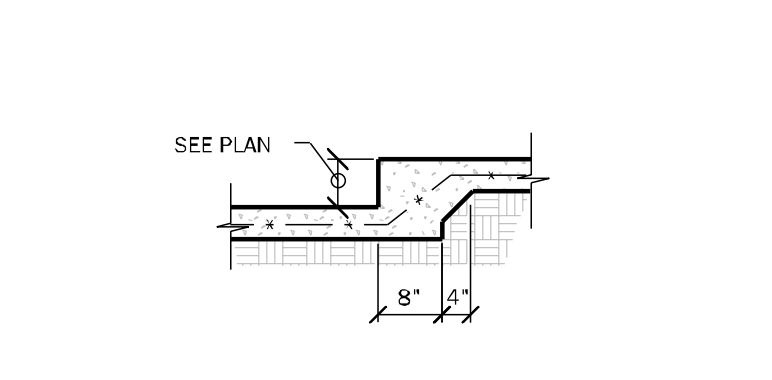
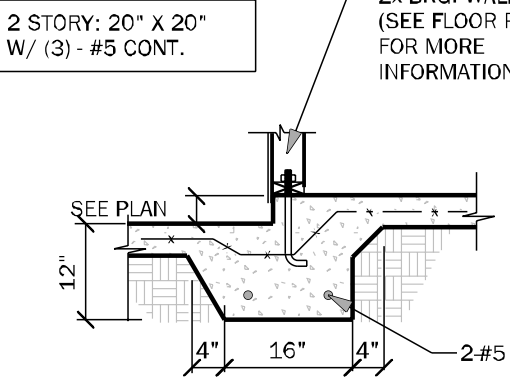
4" 16" 4"

(2) #5 REBAR

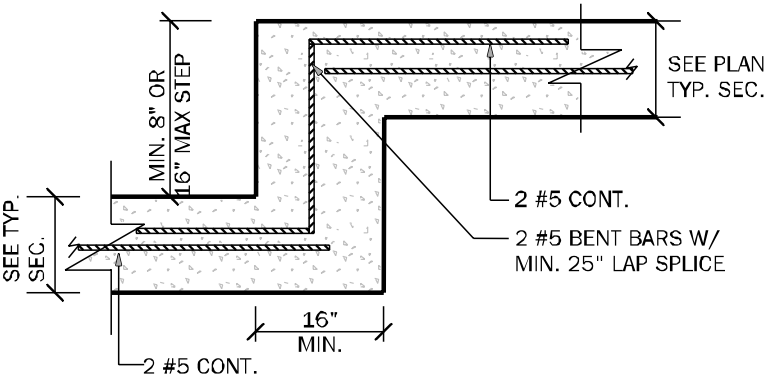
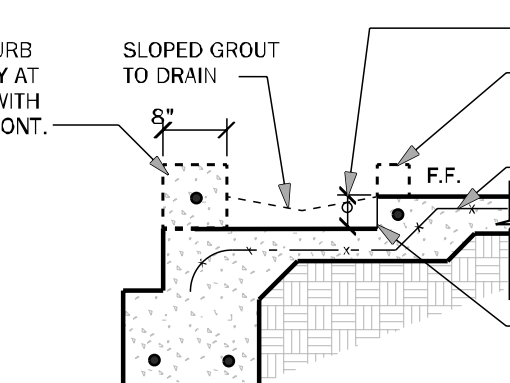
2 STORY: 20" X 20" W/ (3) - #5 CONT.



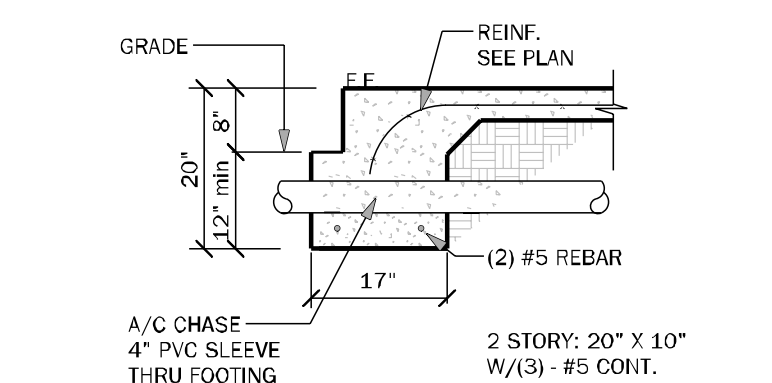
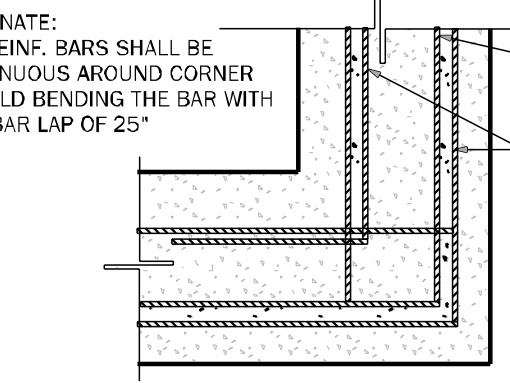
<b>FM09</b>	<b>SECTION @ GAR. DOOR</b>	$1/2" = 1'-0"$	<b>FM10</b>	<b>INTERIOR BRG WALL</b>	$1/2" = 1'-0"$	<b>GENERAL FOUNDATION NOTES (U.N.O.)</b>  1 PROVIDE MIN. 6 MIL. APPROVED VAPOR BARRIER. ALL JOINTS TO BE LAPPED MIN. 6" AND SEALED.  2 4" 2500 PSI CONC. SLAB W/ 6X6 W1.4 X W1.4 OR FIBERMESH /FIBERMIX ADDED TO THE CONCRETE. IN ACCORDANCE W/ MANUF.'S INSTRUCTIONS AND NER-284 FOR FIBERMESH OR NER-414 FOR FIBERMIX. OVER 8 MIL VISQUEEN VAPOR BARRIER. GC SHALL PROVIDE APPROVED SOIL OR BORATE TERMIT TREATMENT.  3 ■ 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.



FM11 STEP DOWN BRG.		1/2" = 1'-0"	FM12 STEP DOWN NON BRG.		1/2" = 1'-0"
<p>OPTIONAL CURB OR MASONRY AT ELEV. 0'-0" WITH (1) #5 BAR CONT.</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 WHEN USING FIBER REIN. CONCRETE OR IN EXTERIOR CONDITIONS. CONTROL JOINTS TO 1/2" SHOWN 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</p>		



<b>FM14</b>	<b>SECTION @ RECESS SHOWER</b>	1/2" = 1'-0"	<b>FM18</b>	<b>TYP. STEP FTG. DETAIL</b>	1/2' = 4'-10"	WHERE APPLICABLE, THE DEPTH OF FOOTINGS SHALL ALSO CONFORM TO SECTION R403.1.4.1.
<p>ALTERNATE: THE REIN. BARS SHALL BE CONTINUOUS AROUND CORNER BY COLD BENDING THE BAR WITH MIN. BAR LAP OF 25"</p> <p>#5 CONT. REIN. SEE FTD. FOR QUANTITY</p> <p>#5 X 25" X 25" CORNER BAR ONE FOR EA. HORIZ. REBAR, TYP. U.N.O.</p>			<p>GRADE</p> <p>REIN. SEE PLAN</p> <p>20"</p> <p>12" min.</p> <p>17"</p> <p>(2) #5 REBAR</p> <p>A/C CHASE 4" PVC SLEEVE TYP. FOOTING</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 IN THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POOL FOR VERIFICATION OF FOUNDATION DESIGN. SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM D 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	1/2" = 1'-0"	FM23	TYP. FND. PENETRATION	1/2" = 1'-0"	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

STEM WALL SCHEDULE								
STEM WALL HEIGHT (ft)	FOOTING DIMENSION				NUMBER/SIZE OF BARS	LAT.	MAXIMUM F.C. SPACING (O.C.) IN STEM WALL	SEE FOUNDATION PLAN FOR F.C. SPACING ABOVE SLAB LEVEL
	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 @ 16" O.C. TRANSV.	1162#	2'-8"	

NOTES:

1. VERTICAL REINF. IN SOLID GROUTED CELLS AT ALL CORNERS, JAMBS, WALL INTERSECTIONS, BELOW GIRDOR 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" REEBRMSH CAN NOT BE USED AND #5 TURN BARS ARE REQUIRED @ EACH FULED CELL LOCATION. EACH BAR TO TIE INTO VERTICAL BAR AND EXTEND OUT A MIN. 4'-0" INTO SLAB/ STEM

EXTERIOR SHORING BY CONTRACTOR AS REQ'D WHEN STEM WALL IS OVER 4'-0"

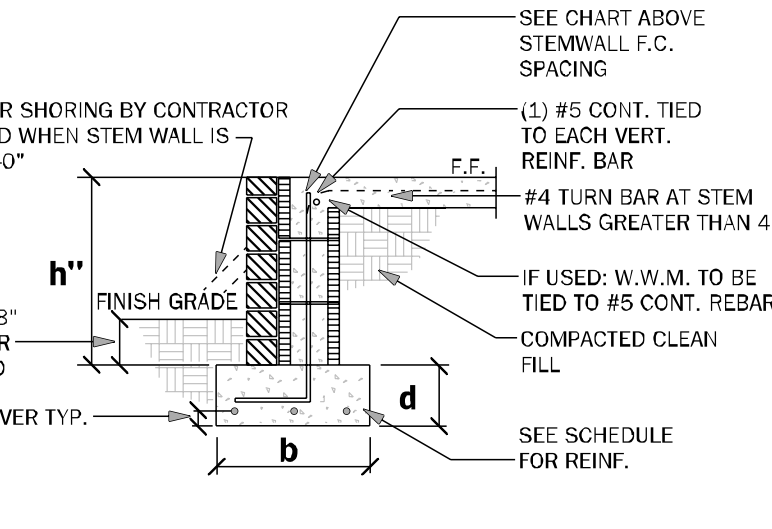
SEE CHART ABOVE STEM WALL F.C. SPACING

(1) #5 CONT. TIED TO EACH VERT. REINF. BAR.

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 WITHIN 5'-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
- #3 CONC. 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 CONC. REBAR  
COMPACTED CLEAN  
FILL
- SEE SCHEDULE  
FOR REINF.
- EXTERIOR SHORING BY CONTRACTOR  
AS REQ'D WHEN STEM WALL IS  
OVER 4'-0"
- FINISH GRADE
- MIN. 8" COVER  
REQ'D
- 3" COVER TYP.
- h"  
b  
d



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

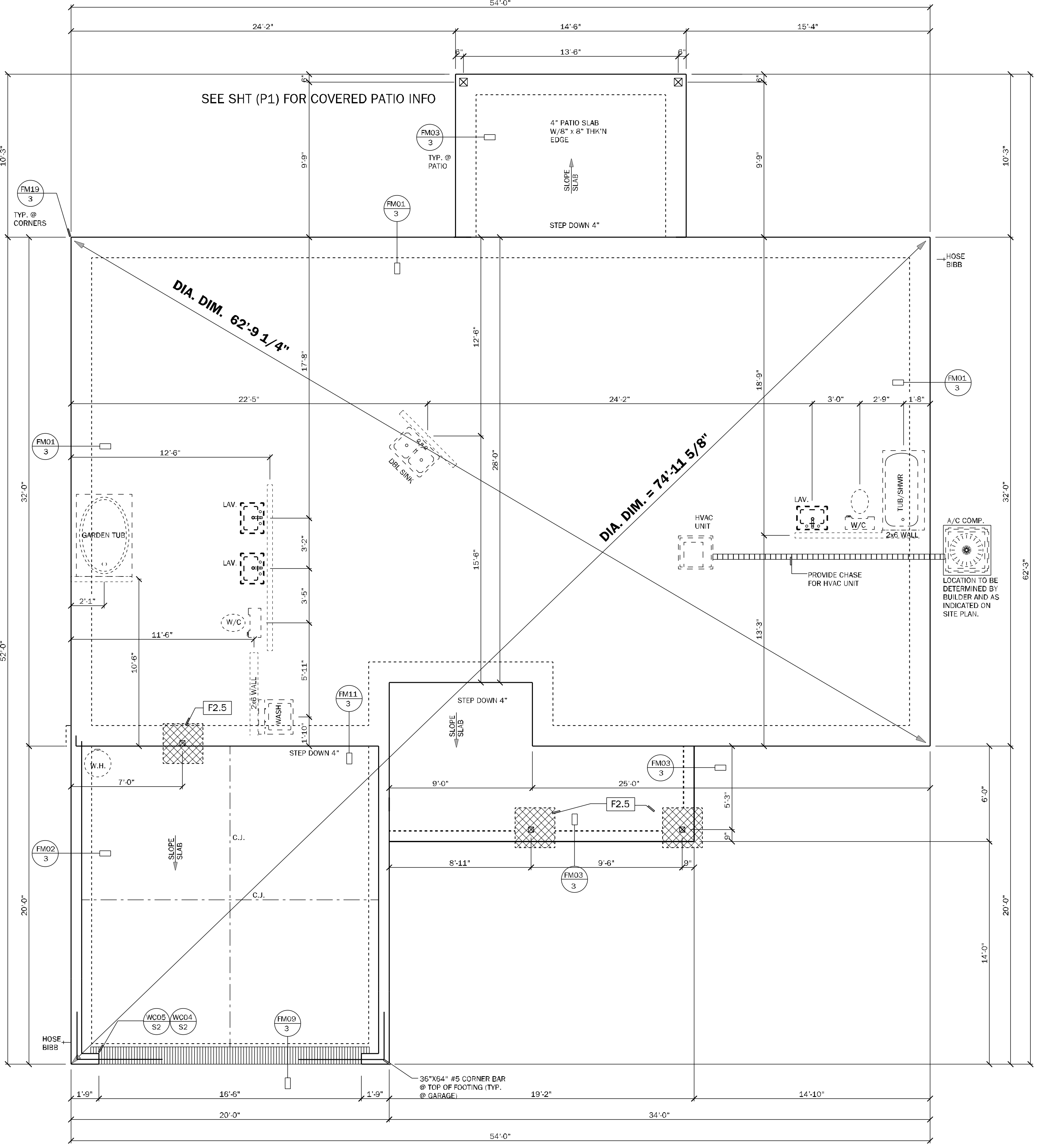
- 1 PROVIDE MIN. 6 MIL. APPROVED VAPOR BARRIER. ALL JOINTS TO BE LAPPED MIN. 6" AND SEALED.
- 2 4" 2500 PSI CONC. SLAB W/ 6X6 W.I. 4 X W.I. 4 OR FIBERMESH /FIBERMIX ADDED TO THE CONCRETE. IN ACCORDANCE W/ MANUF.'S INSTRUCTIONS AND NER-284 FOR FIBERMESH OR NER-424 FOR FIBERMIX. OVER 6 MIL VISOQUEL VAPOR BARRIER. G. SHALL PROVIDE APPROVED SOIL OR BORATE TREATMENT.
- 3 ■ INDICATES FILLED CUL W/ 3000 PSI CONC. FROM FTR. TO BEAM W/ (1) 5# 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 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 R403.4.1 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 R403.4.1.1.
- 10 MASON TO COORDINATE WITH BUILDER ANY ELECTRICAL REQUIREMENT THROUGH SLAB.
- 11 PROVIDE 4" STEPDOWN TO SIDEWALK FROM ENTRY
- 12 ASSUME 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 "C"



**LOAD CALCULATIONS**  
**COOLING GREATER THAN HEATING**

**GENERAL LIGHTING & RECEPTACLES**  
3 WATTS PER SQUARE FOOT OF LIVING  
(THIS FORMULA ALLOWS FOR CEILING FAN CIRCUITS)

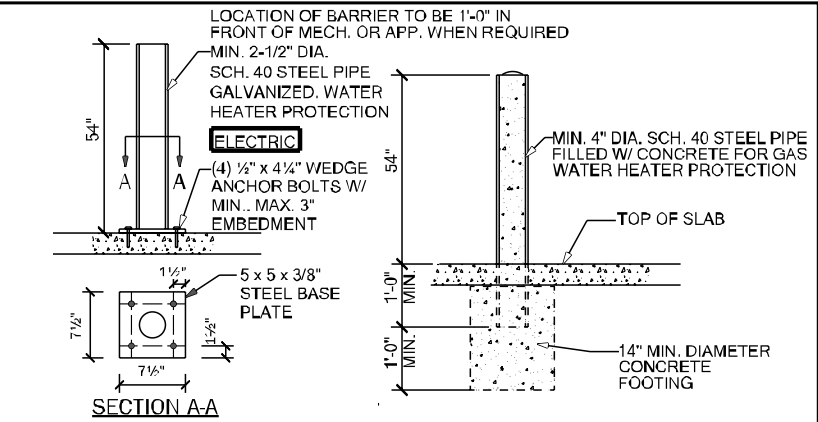
S.F. LIVING =  $1,755 \times 3$   
= 5,265

APPLIANCE CIRCUITS	
RANGE	8500
OVEN	NONE
MICRO / HOOD	1000
WATER HEATER	4500
WHIRL POOL	1250
WASHER	1500
DRYER	5000
DISHWASHER	1500
DISPOSAL	600
SMALL APPLIANCE CIRCUITS (3)	4500
BATH FANS ( 100 WATTS / EACH )	400

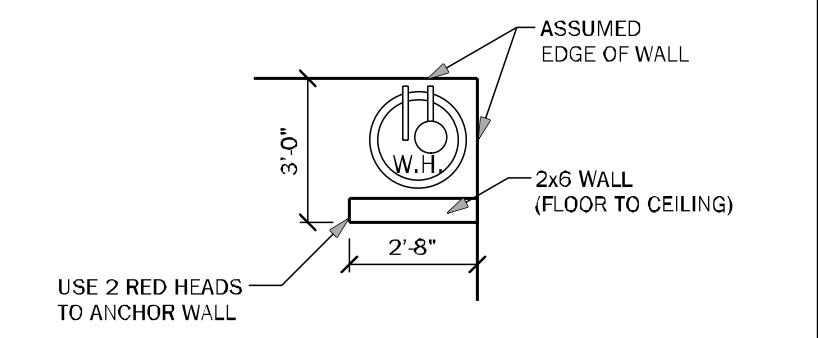
GEN LIGHT 'G' & RECEPT. + APP. CIR. = 33,815  
SUBTRACT 100 % OF FIRST 10,000 = 10,000  
**A = 23,815**

HVAC CIRCUITS	
A/C ( AIR HANDLER & COMP. )	10,000
A/C ( AUXILIARY HEAT STRIP )	10,000
<b>B = 20,000</b>	

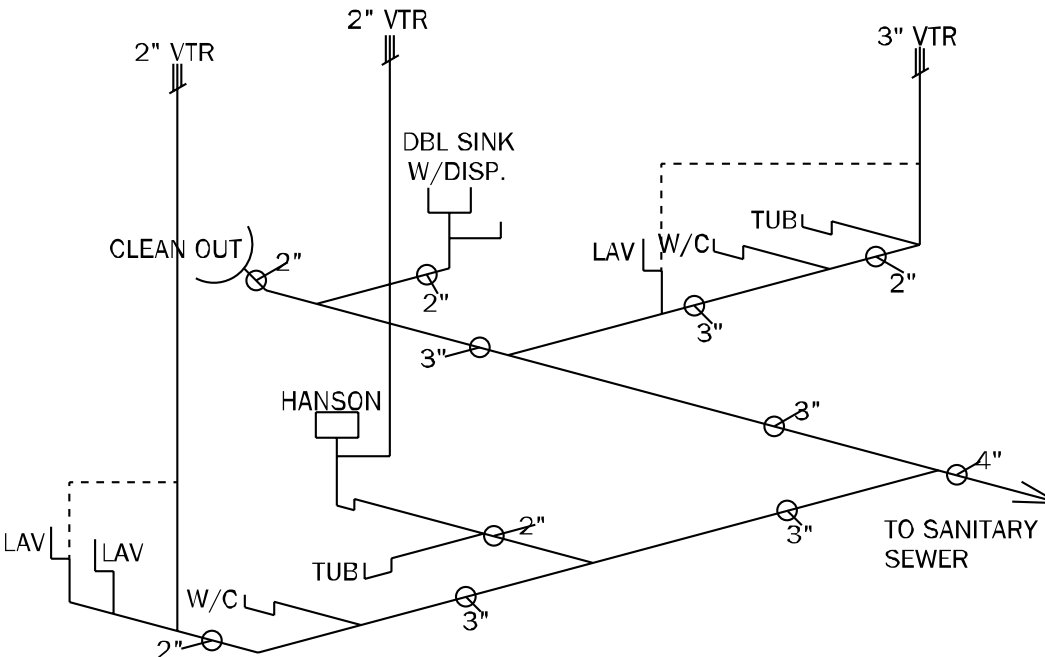
**CIRCUIT CALCULATIONS**  
FIRST 10,000 AMPS @ 100% = 10,000  
+ 40% OF "A" = ( 40 x 23,815 ) = 9,526  
+ 100% OF "B" = ( 20,000 ) = 20,000  
TOTAL WATTAGE = 39,526  
WATTS DIVIDED BY 240 = AMPS  
CALCULATED SERVICE AMPS = 165



**FM24 PROTECTION BARRIER** N.T.S.

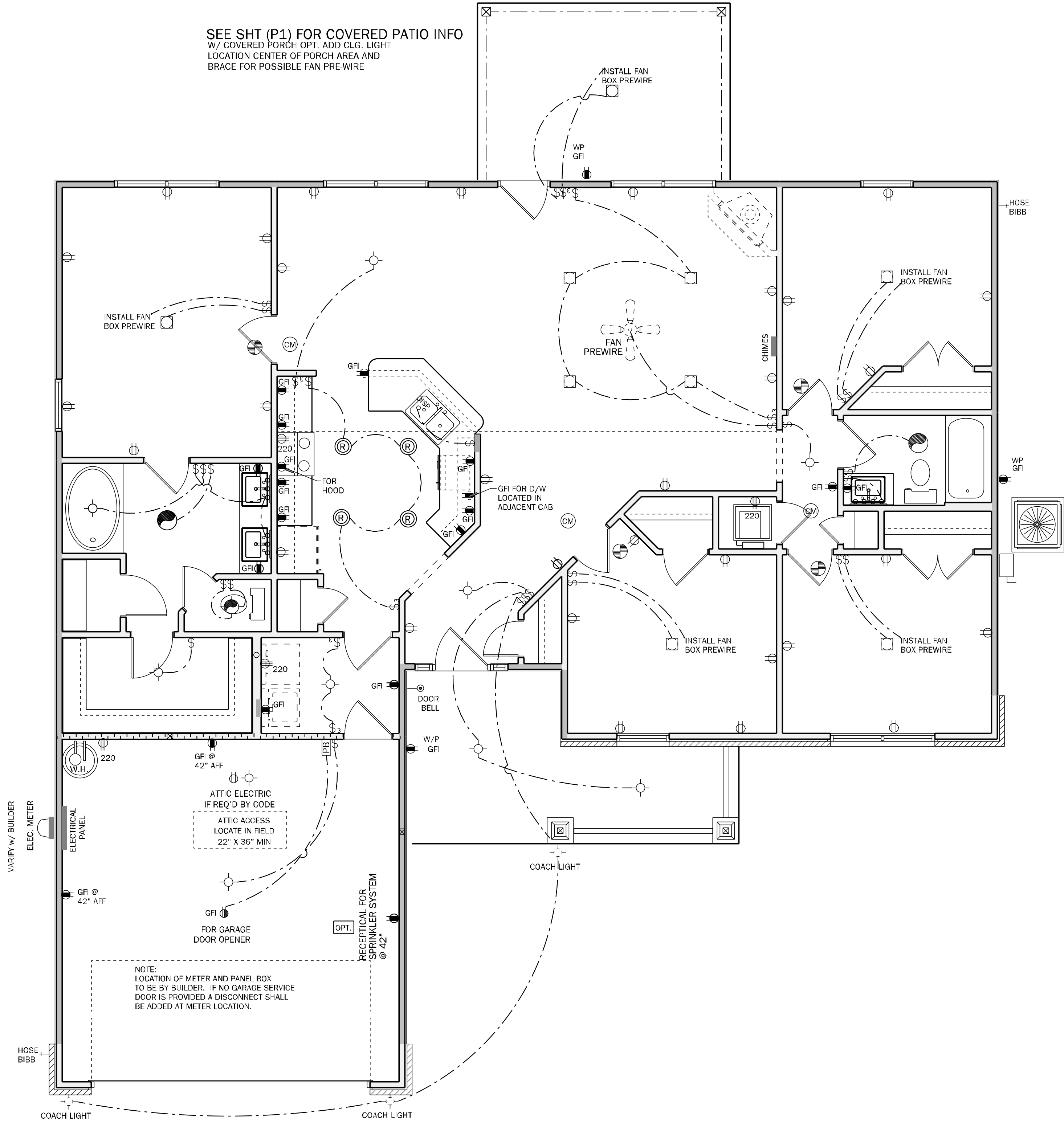


**FM24.1 ALTERNATIVE PROTECTION BARRIER** N.T.S.



**1755 PLUMBING RISER**

SEE SHT (P1) FOR COVERED PATIO INFO  
W/ COVERED PORCH OPT. ADD CLG. LIGHT  
LOCATION CENTER OF PORCH AREA AND  
BRACE FOR POSSIBLE FAN PREWIRE



**ELECTRICAL PLAN**

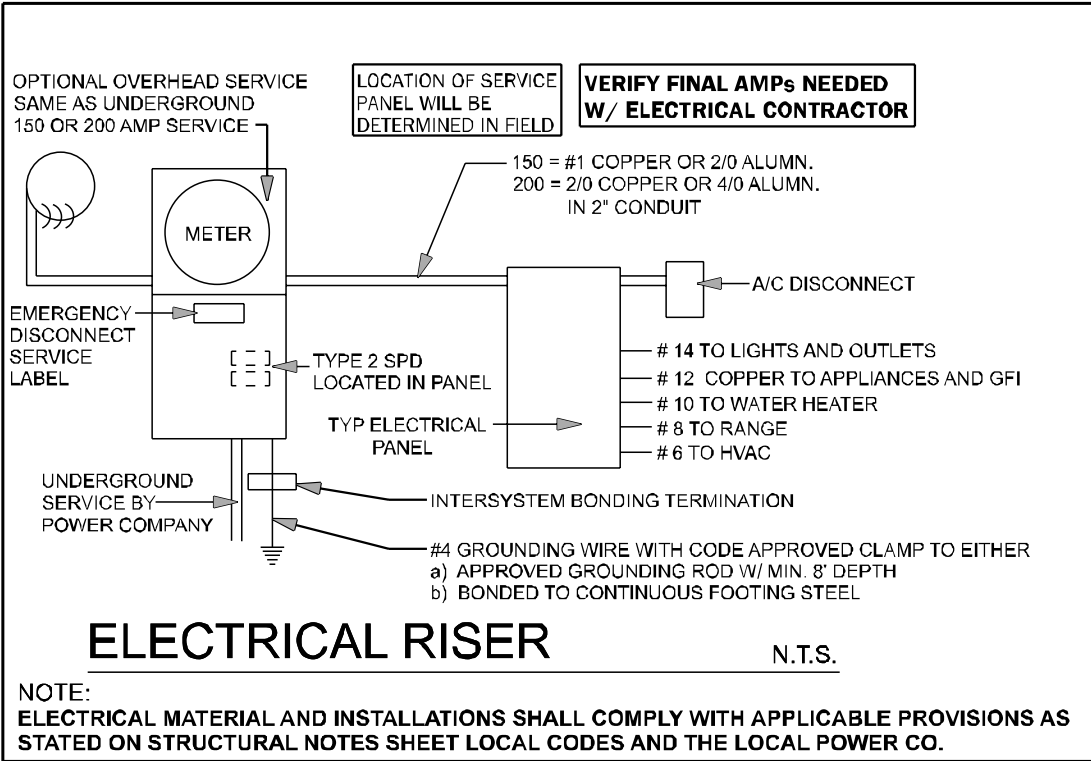
SCALE: 1/4" = 1'-0"  
ELEVATION "C"

**ELECTRICAL NOTES:**

- UNLESS OTHERWISE NOTED.
1. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTER LINE OF THE BOX TO BE: 16" AFF (GENERAL), IN A FLOOD ZONE, ALL ELECTRICAL EQUIPMENT TO BE AT OR ABOVE DFE.  
KITCHEN: 44" AFF  
BATHROOM: 39" AFF  
LAUNDRY ROOM: 36" AFF  
EXTERIOR WATERPROOF: 12" AFF  
GARAGE: GENERAL PURPOSE 42" AFF  
RANGE: 2" AFF
  2. ALL TRIM PLATES AND DEVICES TO BE GANGED, WHERE POSSIBLE.
  3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR.
  4. ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL WIRING & ACCESSORIES.
  5. SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314 AND SHALL BE LISTED IN ACCORDANCE WITH UL 217, COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND UL 2034.
  6. PROVIDE AFCI'S (ARC-FAULT CIRCUIT INTERRUPTERS) COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUITS IN ALL DWELLING UNITS PER NFPA 70 (CURRENT EDITION) AND THE NEC AND AS DEFINED IN UL 1699.
  7. PROVIDE TAMPER RESISTANT RECEPTACLES AS REQUIRED BY THE NFPA 70 (CURRENT EDITION).
  8. CARBON MONOXIDE PROTECTION: CARBON MONOXIDE ALARMS OR DETECTORS SHALL BE INSTALLED IN ALL DWELLING UNITS IN ACCORDANCE WITH 480 P31.5 AND NFPA 70. SUCH DEVICES SHALL BE LISTED BY THE APPROPRIATE STANDARD, EITHER ANSI/UL 2034, STANDARD FOR SINGLE AND MULTIPLE STATION CO ALARMS OR UL 2075, GAS AND VAPOR DETECTOR SENSOR, ACCORDING TO THE INSTALLATION.
  9. RESID. I.C. COMBINATION ALARMS: COMBINATION SMOKE/CARBON MONOXIDE ALARMS SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
  10. KEEP ALL SMOKE DETECTORS MINIMUM OF 36" FROM BATHROOM DOORS.
  11. IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.
  12. BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING, VENTILATION TO ATTIC SPACE AND SPOFFS IS NOT ACCEPTABLE.
  13. CHAPTER 45 PRIVATE SWIMMING POOLS — OUTDOOR SWIMMING POOLS SHALL BE PROVIDED WITH A BARRIER COMPLYING WITH R4501.17.1.1 THROUGH R4501.17.1.14.
  14. ADD GFI PROTECTION TO RECEPTACLES IN LAUNDRY ROOMS AND UTILITY ROOMS OF DWELLINGS WHERE INSTALLED WITHIN 6' OF THE OUTSIDE EDGE OF A SINK. THIS WOULD INCLUDE THE RECEPTACLE INSTALLED FOR A WASHING MACHINE. RECEPTACLE OUTLETS SHALL NOT BE REQUIRED ON A WALL DIRECTLY BEHIND A RANGE OR SINK TO FULFILL THE REQUIREMENT OF AN OUTLET EVERY 24". THE WIDTH OF THE SINK OR RANGE IS NOT TO BE INCLUDED IN THE SPACING OF THE OUTLETS UNLESS THE DISTANCE FROM THE SINK OR RANGE IS GREATER THAN 12" FOR STRAIGHT COUNTER TOPS AND 18" FOR SINKS AND RANGES INSTALLED IN CORNER COUNTERS.
  15. WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT IN ACCORDANCE WITH SECTION R314.3, THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. PHYSICAL INTERCONNECTION OF SMOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED WIRELESS ALARMS ARE INSTALLED AND ALL ALARMS SOUND UPON ACTIVATION OF ONE ALARM.
  16. FOR ONE AND TWO-FAMILY DWELLING UNITS, ALL SERVICE CONDUCTORS SHALL TERMINATE IN DISCONNECTING MEANS HAVING A SHORT-CIRCUIT CURRENT RATING EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT, INSTALLED IN A READILY ACCESSIBLE OUTDOOR LOCATION. EACH DISCONNECT SHALL BE ONE OF THE FOLLOWING:  
(1) SERVICE DISCONNECTS MARKED AS FOLLOWS:  
EMERGENCY DISCONNECT,  
SERVICE DISCONNECT  
(2) METER DISCONNECTS INSTALLED PER 230.82(3) AND MARKED AS FOLLOWS:  
EMERGENCY DISCONNECT,  
METER DISCONNECT,  
NOT SERVICE EQUIPMENT  
(3) OTHER LISTED DISCONNECT SWITCHES OR CIRCUIT BREAKERS ON THE SUPPLY SIDE OF EACH SERVICE DISCONNECT THAT ARE SUITABLE FOR USE AS SERVICE EQUIPMENT AND MARKED AS FOLLOWS:  
EMERGENCY DISCONNECT,  
NOT SERVICE EQUIPMENT
  17. ALL PERMANENTLY INSTALLED LUMINAIRES, EXCLUDING THOSE IN KITCHEN APPLIANCES, SHALL HAVE AN EFFICACY OF AT LEAST 45 LUMENS/PERWATT OR SHALL UTILIZE LAMPS WITH AN EFFICACY OF NOT LESS THAN 65 LUMENS/PERWATT.

**ELECTRICAL LEGEND**

\$	SINGLE POLE SWITCH	⊕	SMOKE DETECTOR
\$2	DOUBLE POLE SWITCH	⊕M	CARBON MONOXIDE/ SMOKE DETECTOR COMBO UNIT
\$3	THREE-WAY SWITCH	⊕	FLOOD LIGHT
\$4	FOUR-WAY SWITCH	⊕	FLUORESCENT LIGHTING
\$DM	DIMMER SWITCH	⊕	TRACK LIGHTING
⊕	CEILING MOUNTED FIXTURE	⊕	CEILING FAN
⊕	SCOUNCE ( WALL MOUNTED ) FIXTURE	⊕	CHIMES
⊕	110 VOLT DUPLEX OUTLET	⊕	DOOR BELL CHIMES
⊕	110 VOLT SPLIT SWITCHED OUTLET	⊕	DOOR BELL
⊕	GROUND FAULT INTERRUPT	⊕	DISPOSAL
⊕ WP	WATER PROOF W/ GROUND FAULT	⊕	DISCONNECT SWITCH
⊕	220 VOLT OUTLET	⊕	PREWIRE SPEAKER
⊕	SPECIAL SERVICES OUTLET	⊕	JUNCTION BOX
TV	T.V. CABLE OUTLET	⊕	THERMOSTAT
⊕	TELEPHONE CABLE OUTLET	⊕	LOW VOLTAGE LIGHTING
⊕	RECESSED LIGHTING	⊕	INTERCOM SYSTEM
⊕ WP	WATER PROOF RECESSED LIGHTING	⊕	GARAGE DOOR PUSH BUTTON
⊕	BATH FAN		
⊕	BATH FAN W/ LIGHT		
⊕	L.E.D. DISC LIGHT		



**ELECTRICAL RISER**

N.T.S.

NOTE:  
ELECTRICAL MATERIAL AND INSTALLATIONS SHALL COMPLY WITH APPLICABLE PROVISIONS AS  
STATED ON STRUCTURAL NOTES SHEET LOCAL CODES AND THE LOCAL POWER CO.

COUNTY  
SEAL

Thursday, October 31, 2024

www.fdseng.com

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**DAMS HOMES**

FLORIDA CONTRACTORS LICENSE NO. CRC1330146

**100 WEST GARDEN STREET  
PENSACOLA FL 32502**

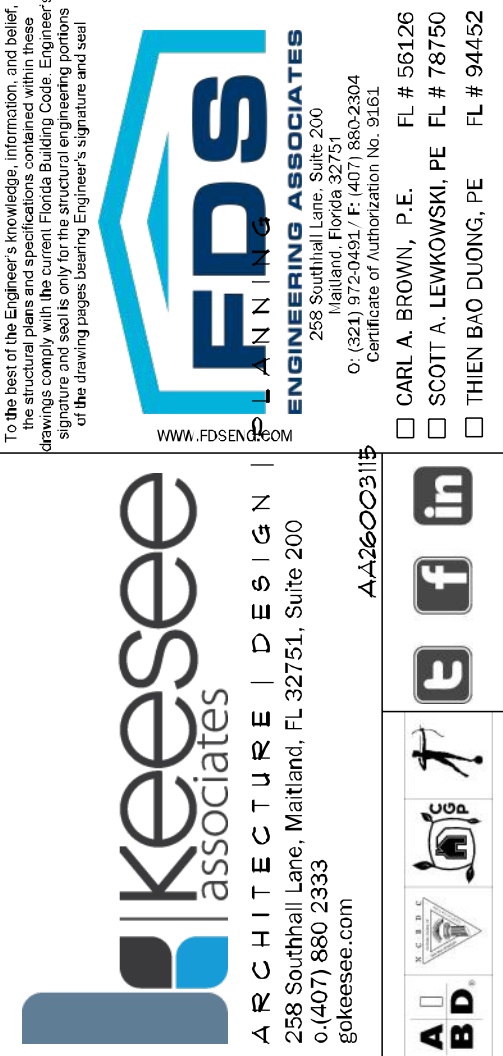
**DIVISION LOCATION:**  
**GAINESVILLE**


Job Information:

<b>INVENTORY</b>	
LOT: 85	SUB: Preserve at Laurel Lake 359 SW Silver Palm Dr Lake City, FL
BLK:	
SEC:	
Model Name / Number:	

<b>1755</b>	
Plan Issue Date:	
Thursday, October 31, 2024	
KA PROJECT NUMBER:	
<b>24-13138</b>	
Sheet:	4
<b>ELECTRICAL</b>	





 <b>DAMS HOMES</b>	
FLORIDA CONTRACTORS LICENSE NO. CRC1330146	
<b>100 WEST GARDEN STREET</b> <b>PENSACOLA FL 32502</b>	
<b>DIVISION LOCATION:</b>	
<b>GAINESVILLE</b>	
Job Information:	
<b>INVENTORY</b>	<b>LOT:</b> 85 <b>BLK:</b> <b>SEC:</b> <b>SUB:</b> Preserve at Laurel Lake 359 SW Silver Palm Dr Lake City, FL
	Model Name / Number:
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	Thursday, October 31, 2024
KA PROJECT NUMBER:	
<b>24-13138</b>	
Sheet:	<b>5</b>
<b>ELEVATIONS</b>	









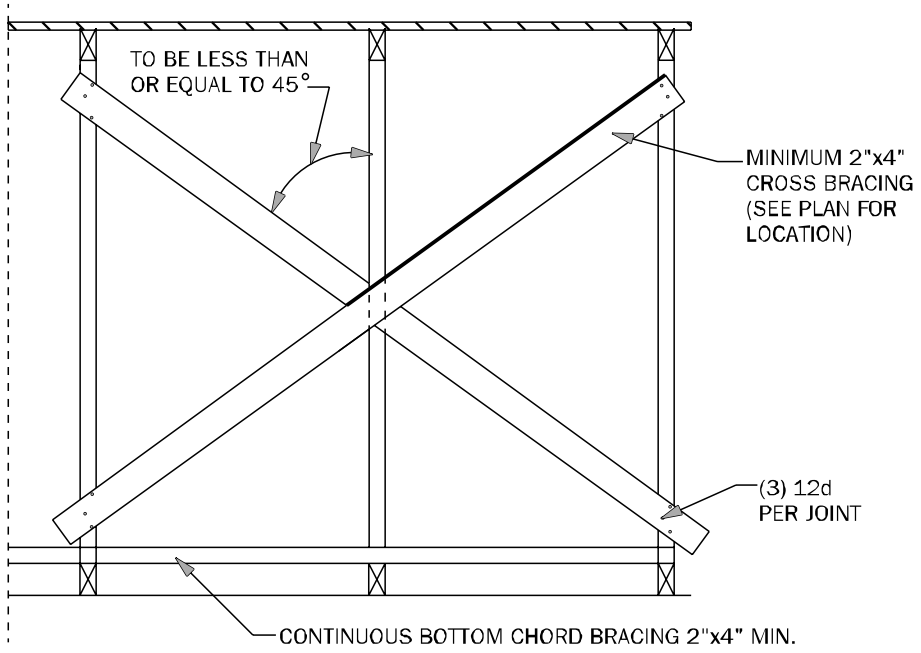




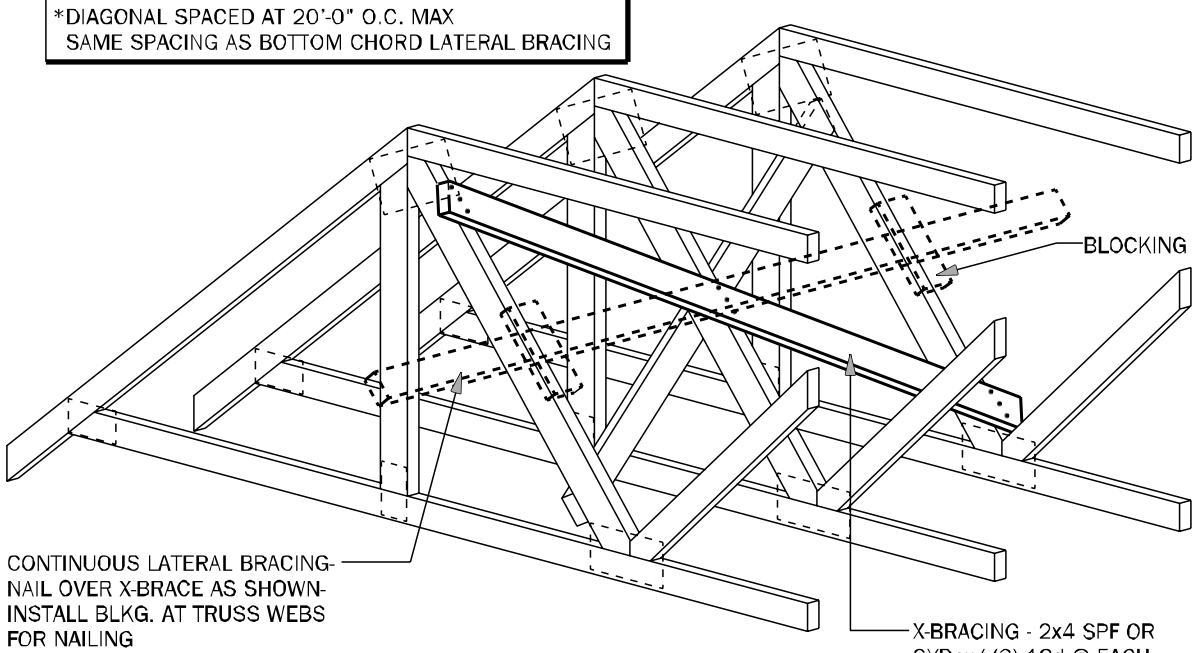






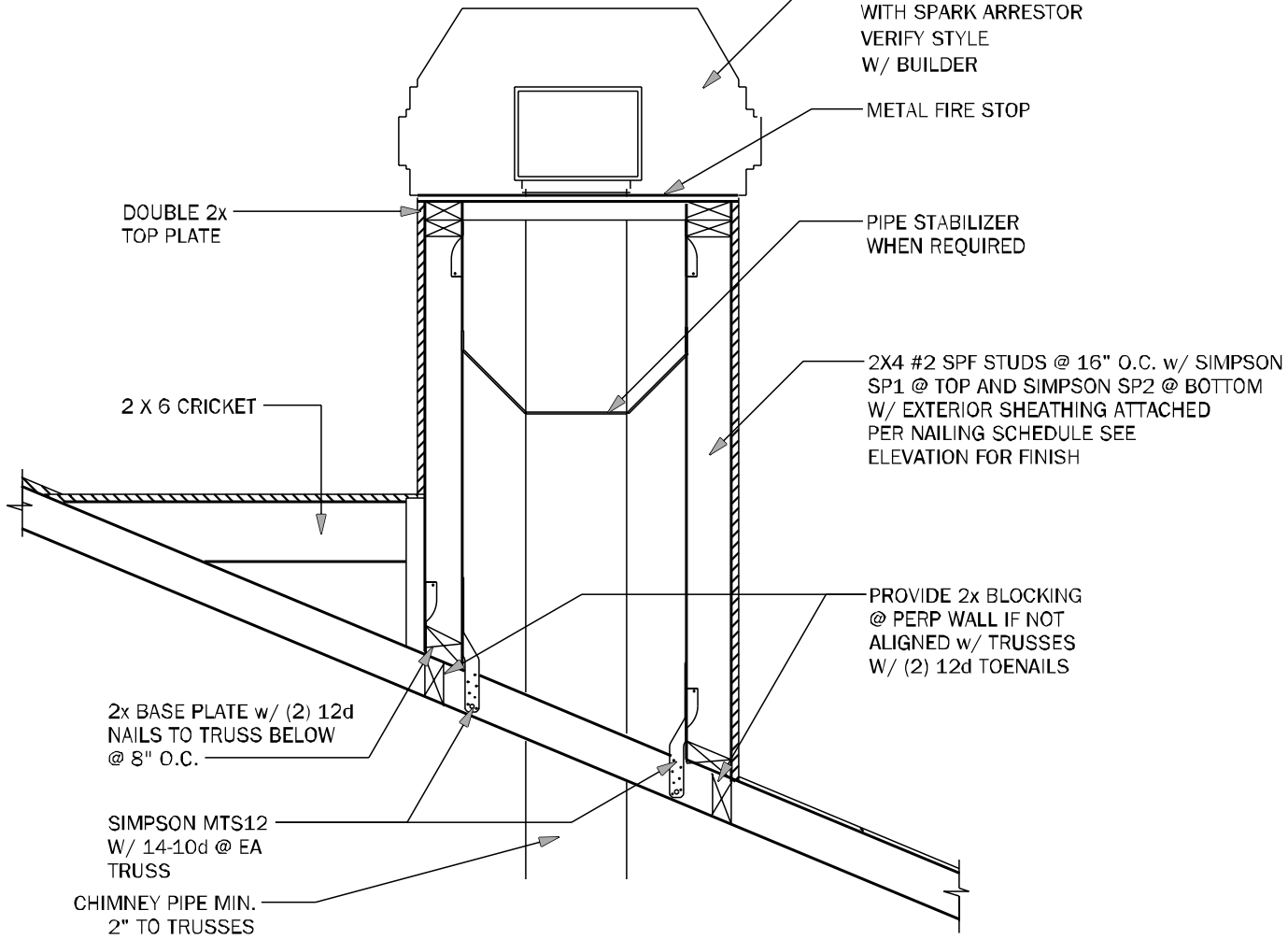


**TB01** TYPICAL CROSS BRACING DETAIL N.T.S.



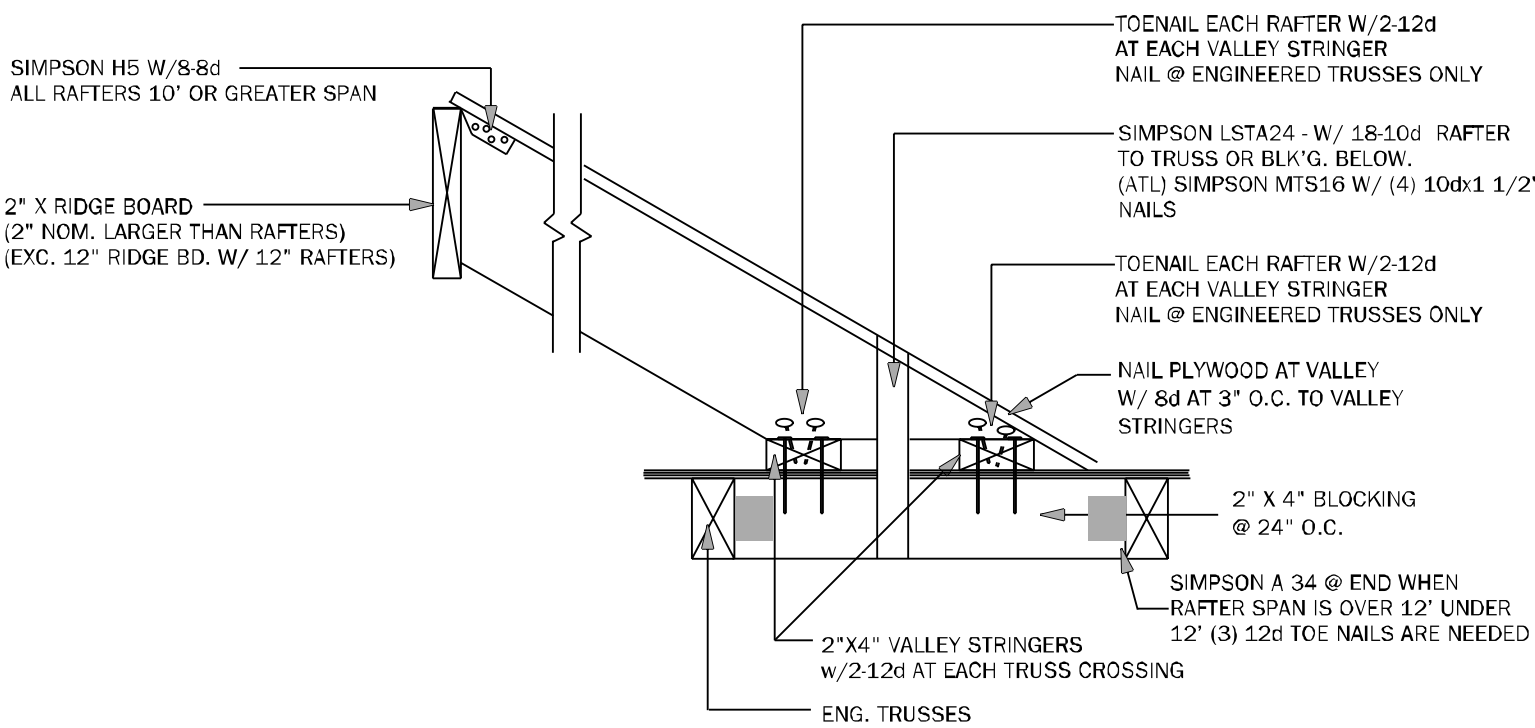
**TB02** TYPICAL CROSS BRACING DETAIL N.T.S.

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

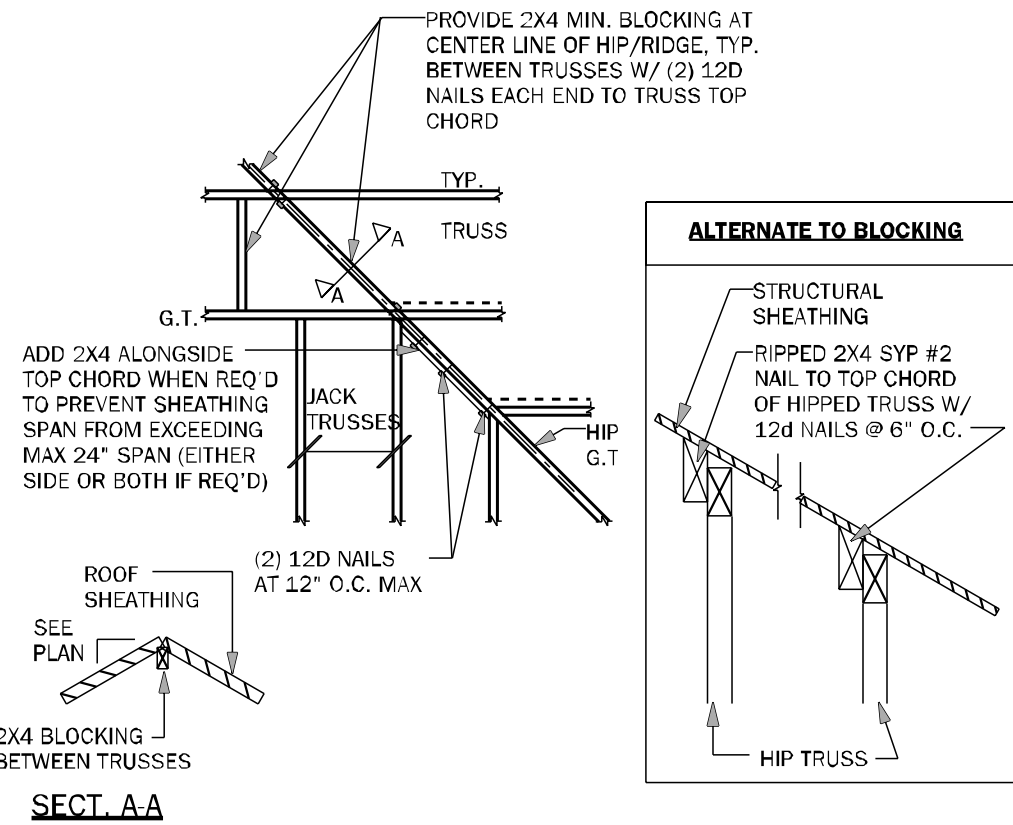


**CH01** TYPICAL CHIMNEY FRAME DETAIL 3/4" = 1'-0"

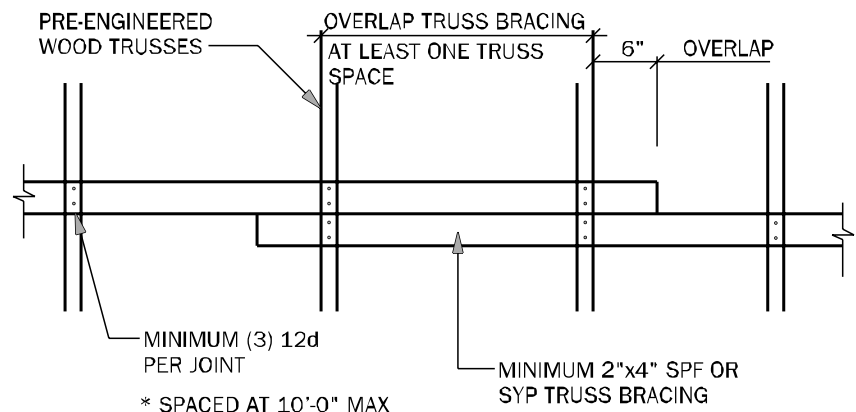
RAFTER SIZE	
0'-8" SPAN -	2"x6" W/4-12d EACH END
8'-12" SPAN -	2"x8" W/4-12d EACH END
12'-15" SPAN -	2"x10" W/ SIMPSON A 34 @ EA. END
15'-18" SPAN -	2"x12" W/ SIMPSON A 34 @ EA. END



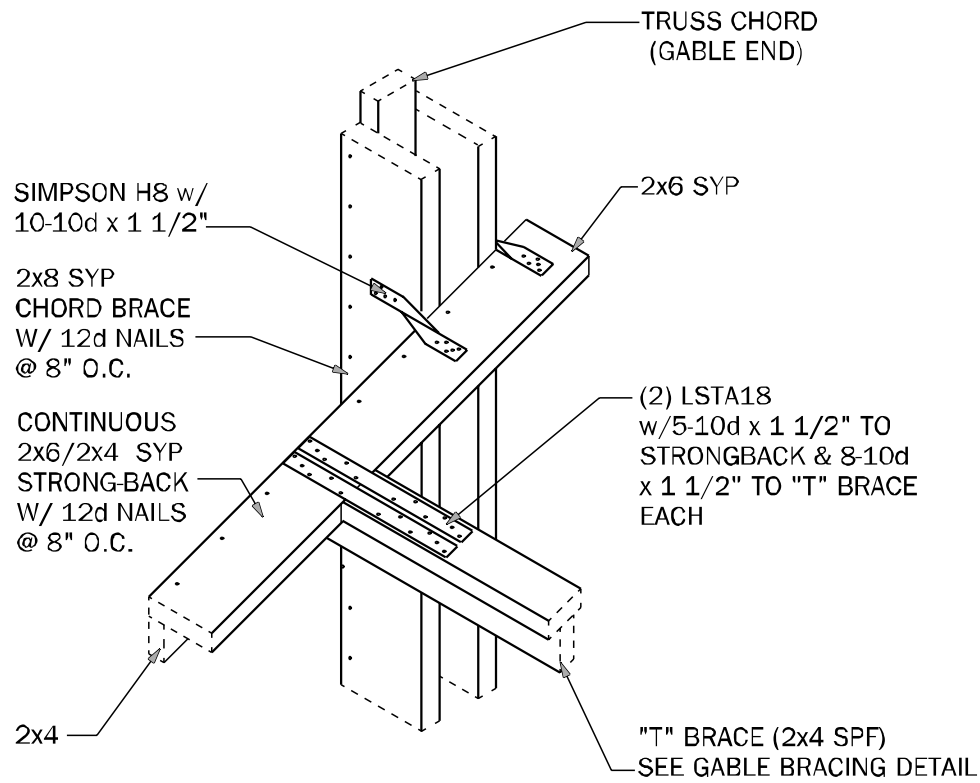
**TB17** CONV. FRAMING & VALLEY FRAMING N.T.S.



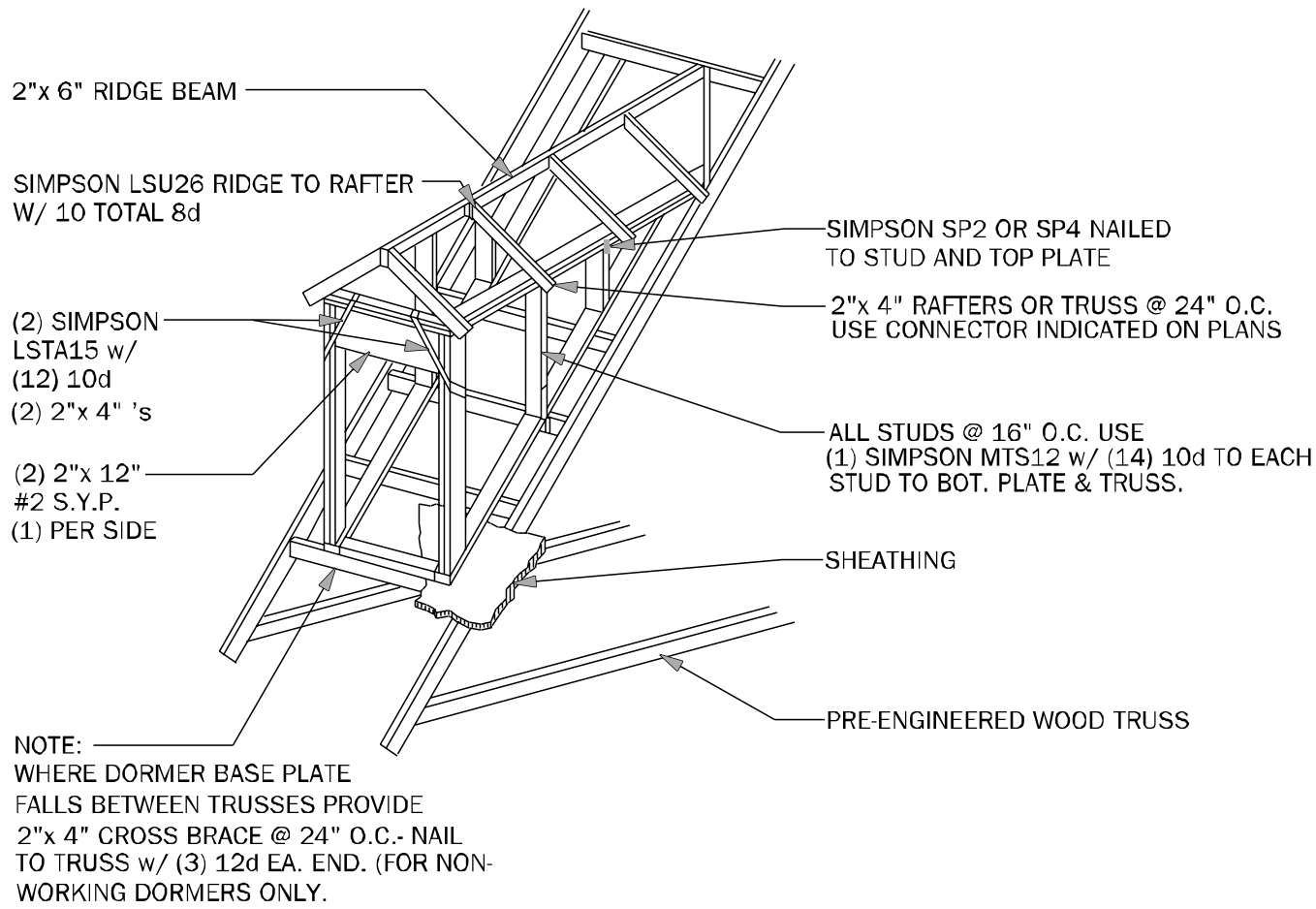
**TB03** HIP / RIDGE BLOCKING DETAIL N.T.S.



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



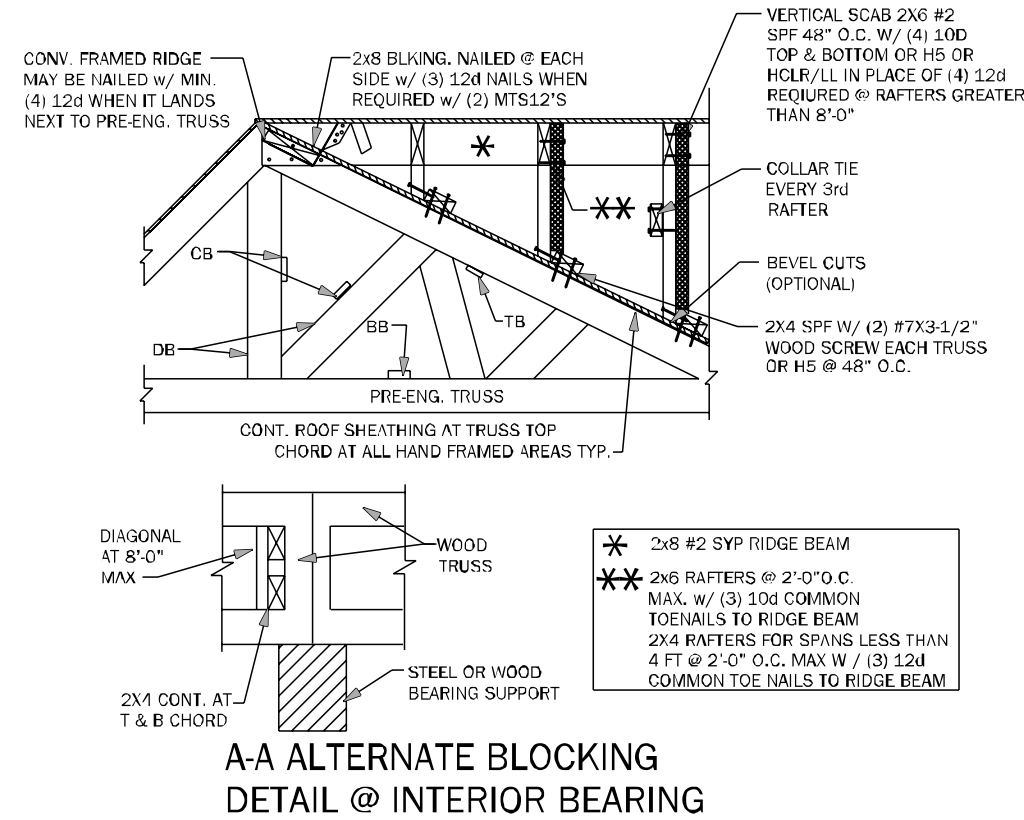
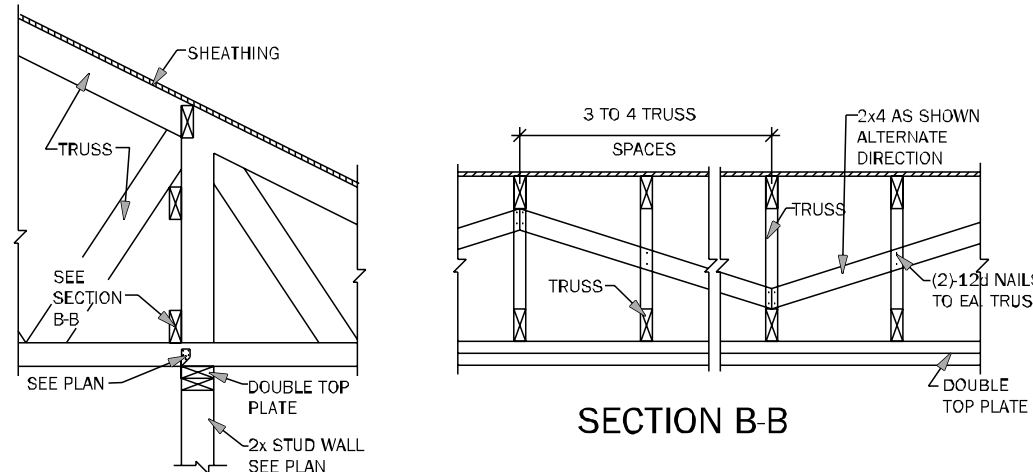
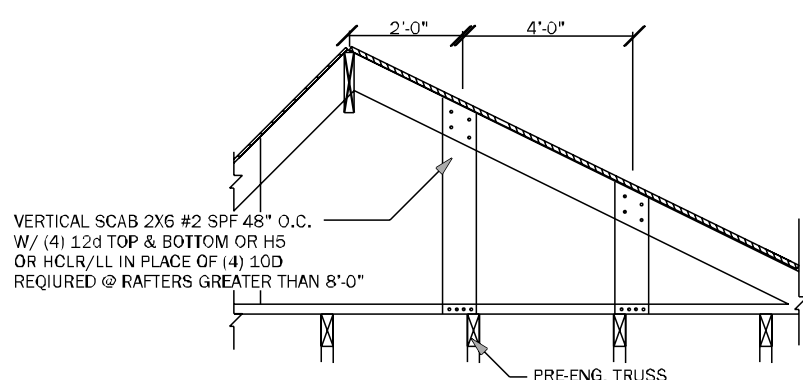
**GE04** "T" BRACE CONNECTION @ GABLE END W/ VOLUME CEILING 3/4" = 1'-0"



**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 AS REQUIRED 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

Thursday, October 31, 2024

To the best of the Engineer's knowledge, information, and belief, the structure shown on this plan and specifications conforms with those requirements and is designed to comply with the minimum engineering practice requirements and is not liable for the structural engineer's professional seal.

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0-1321 National, Florida, and International Professional Engineer Seal  
Certificate of Authorization No. 9381

☐ CARL A. BROWN, P.E. FL # 86126  
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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: 85  
BLK:  
SEC:  
SUB: Preserve at Laurel Lake  
359 SW Silver Palm Dr  
Lake City, FL

Model Name / Number:  
**1755**

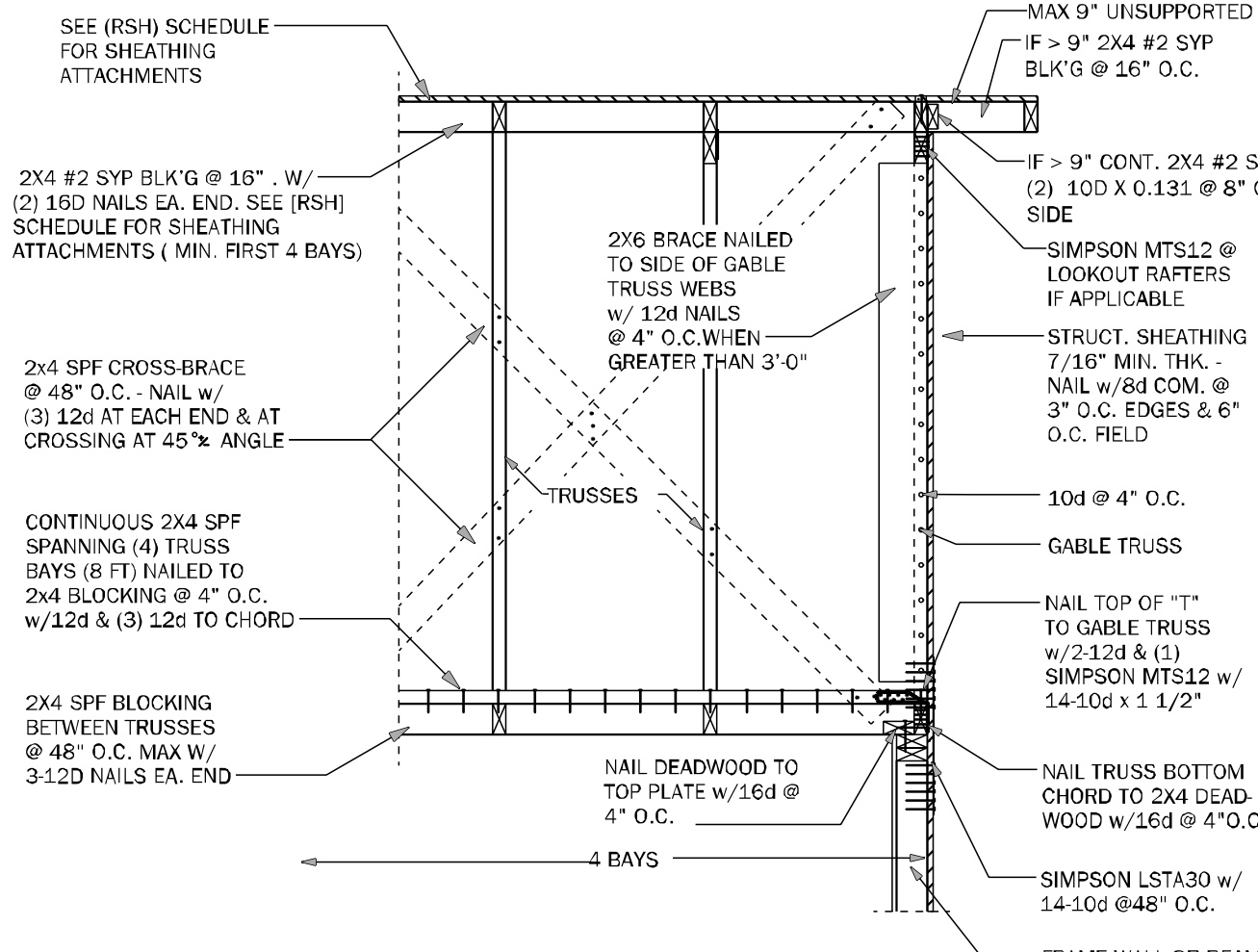
Plan Issue Date:  
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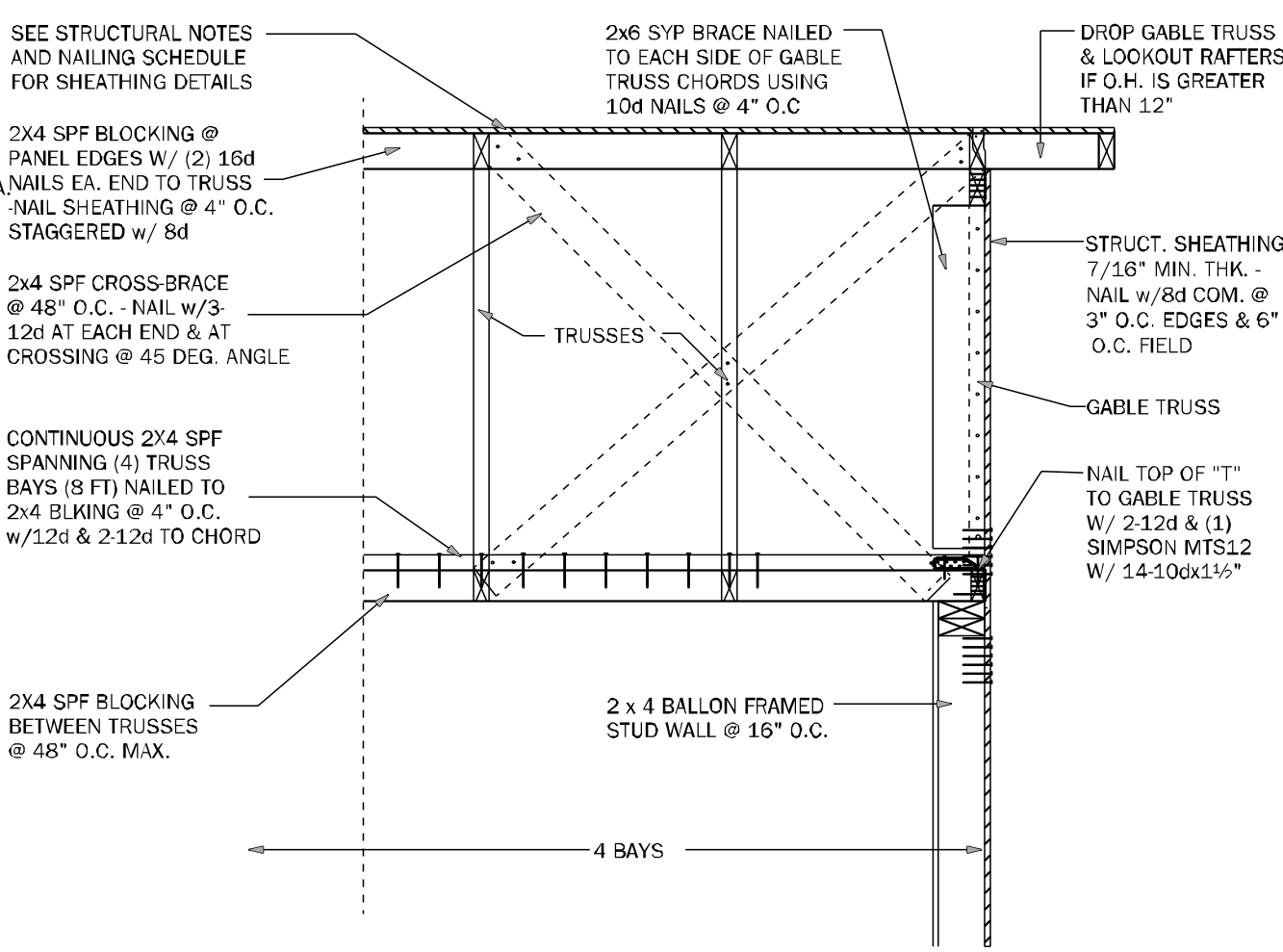
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**ROOF FRAMING  
AND BRACING DETAILS**

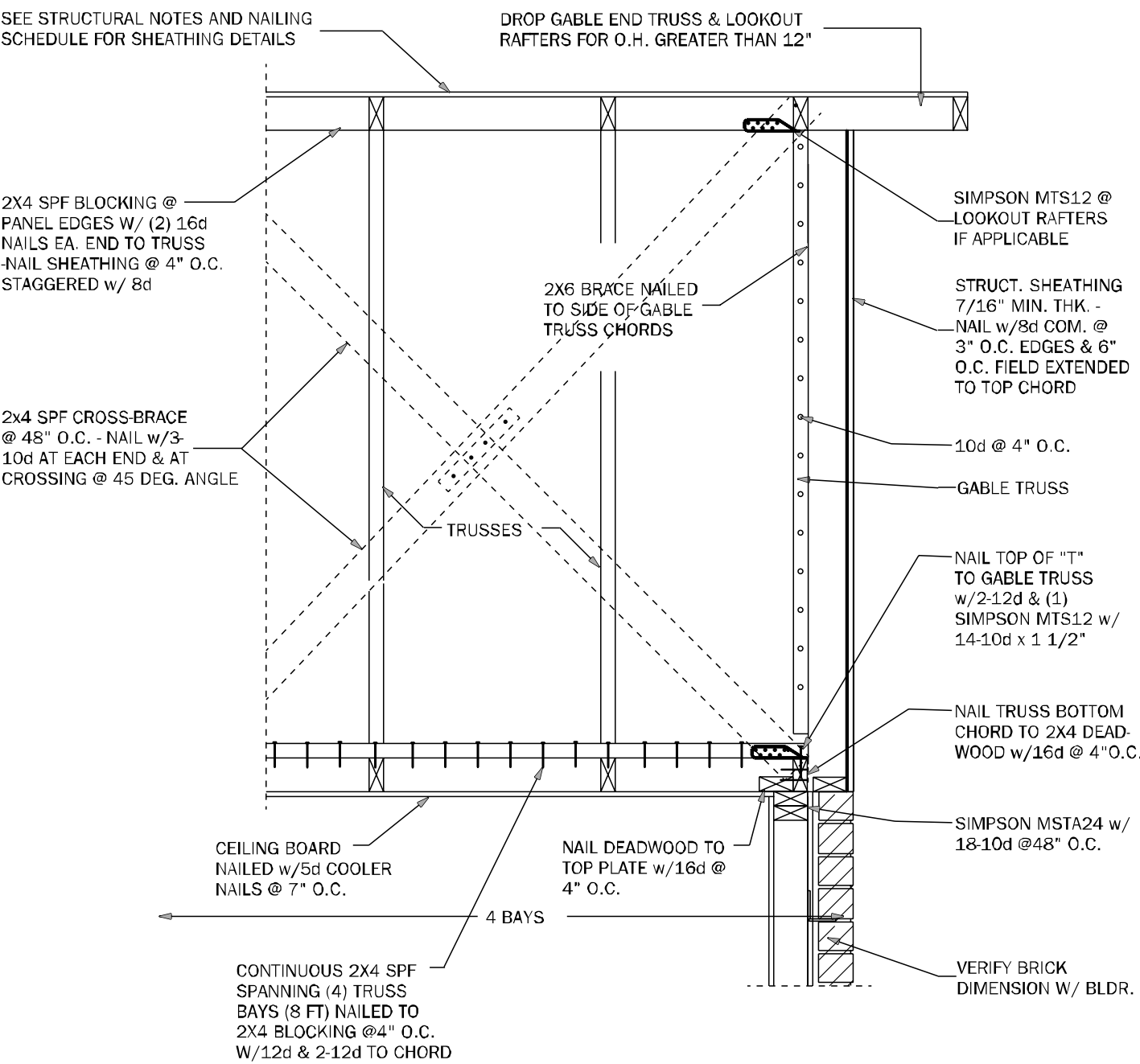




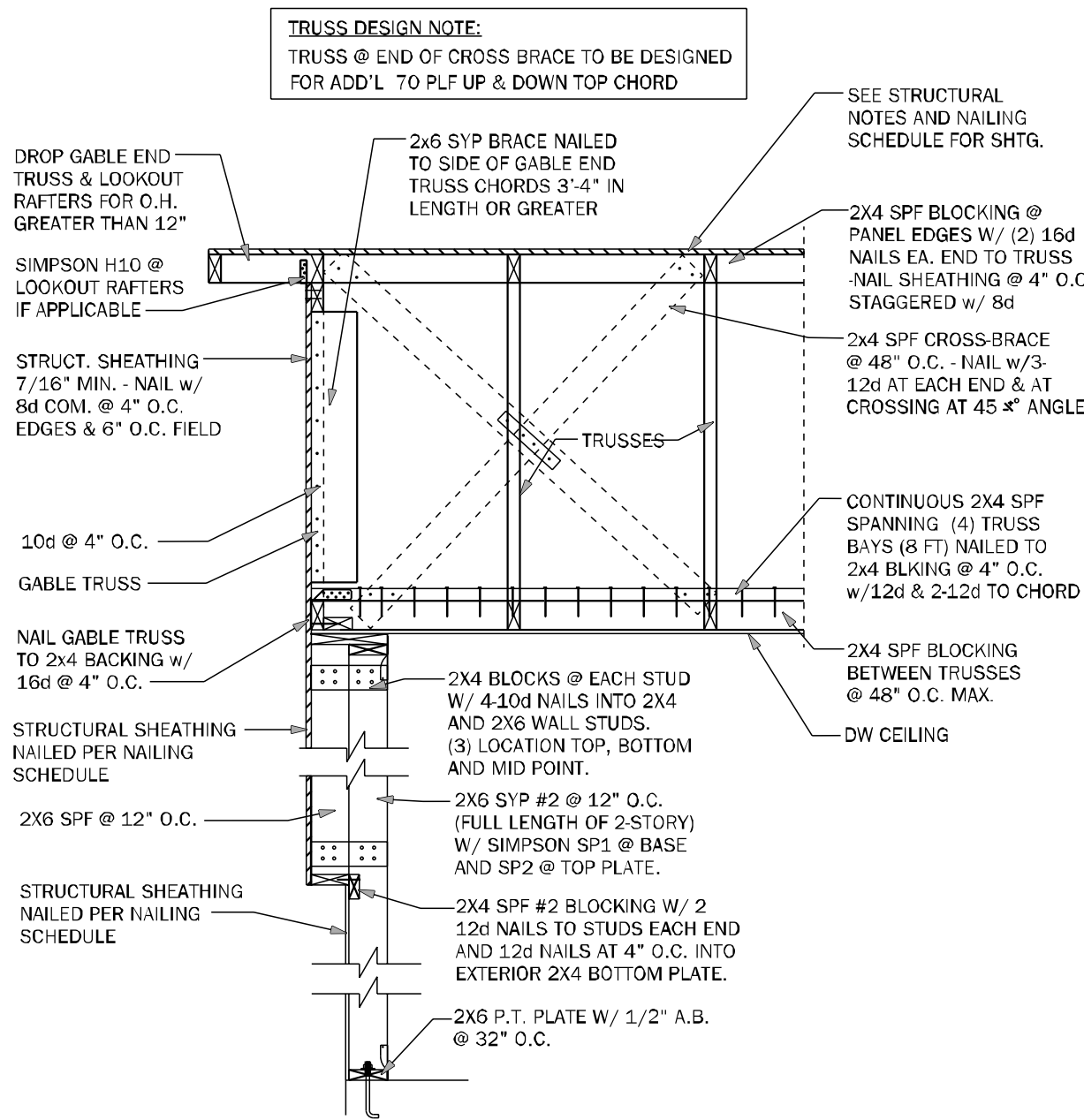
**GE05** GABLE END BRACING - FRAME WALL N.T.S.



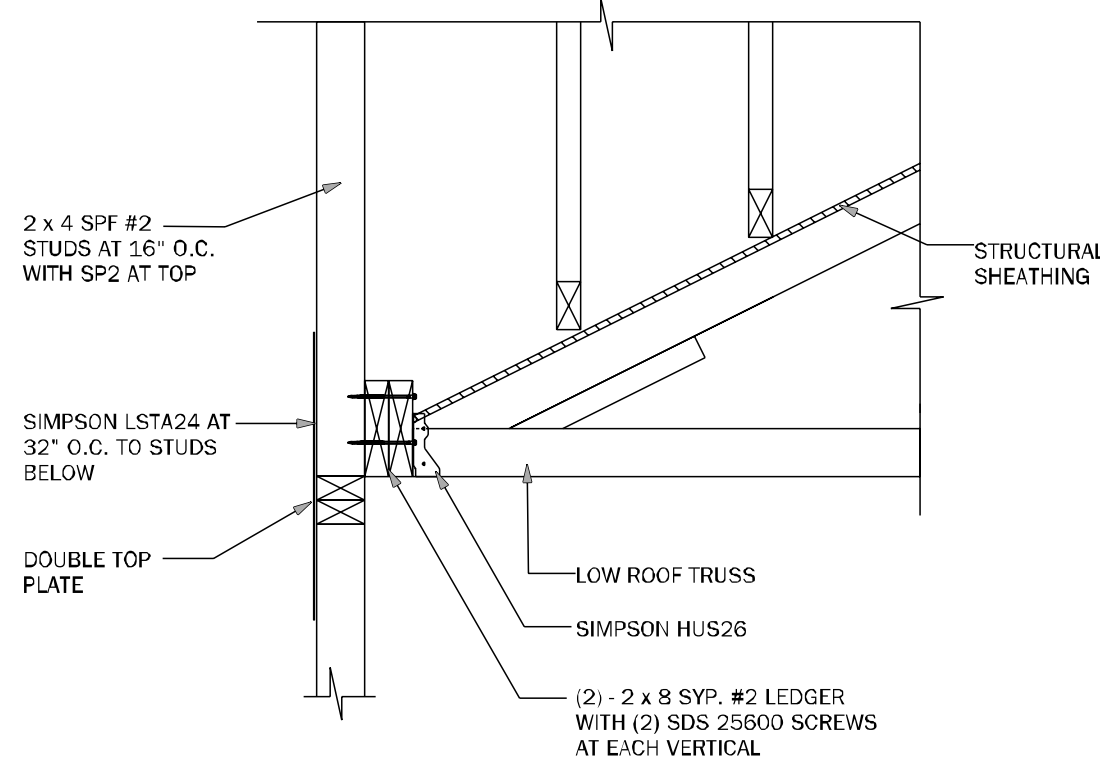
**GE22** GABLE END BRACING w/ VOL CEILING 1/2"=1'-0"



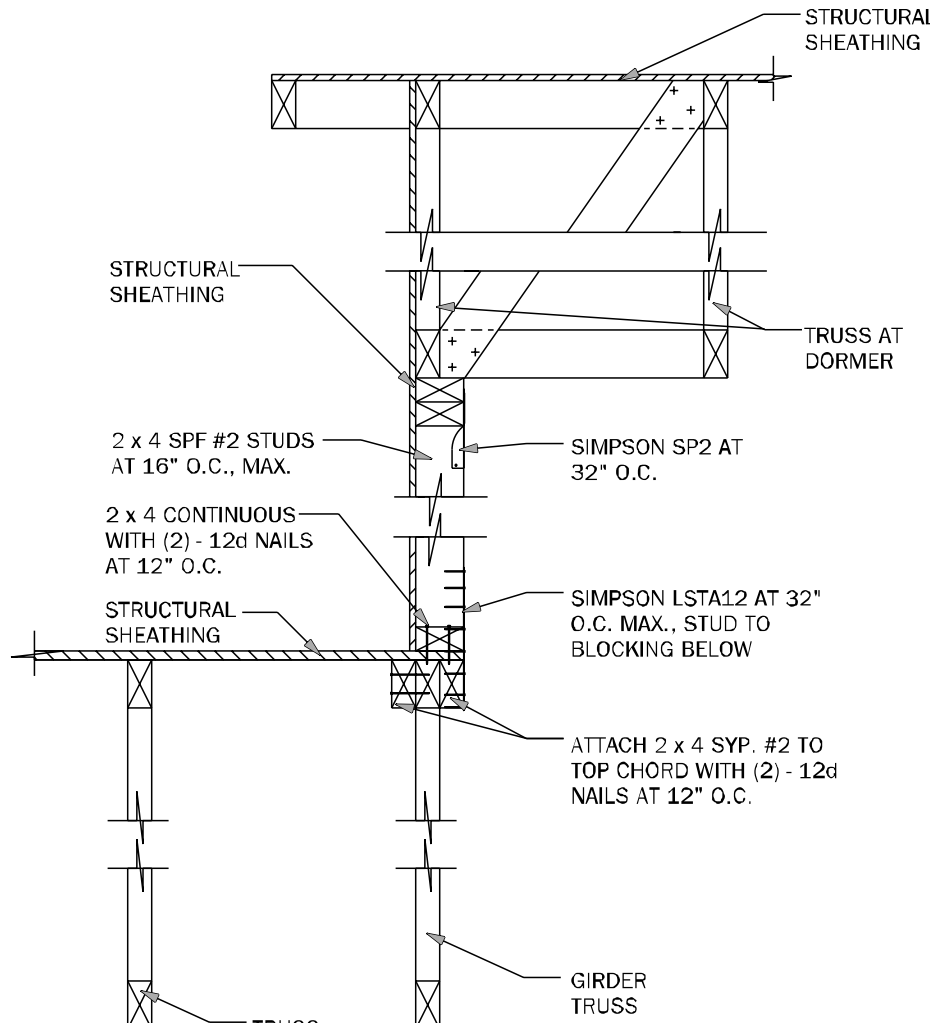
**GE23** GABLE END BRACING w/o VOLUME CEILING 1/2"=1'-0"



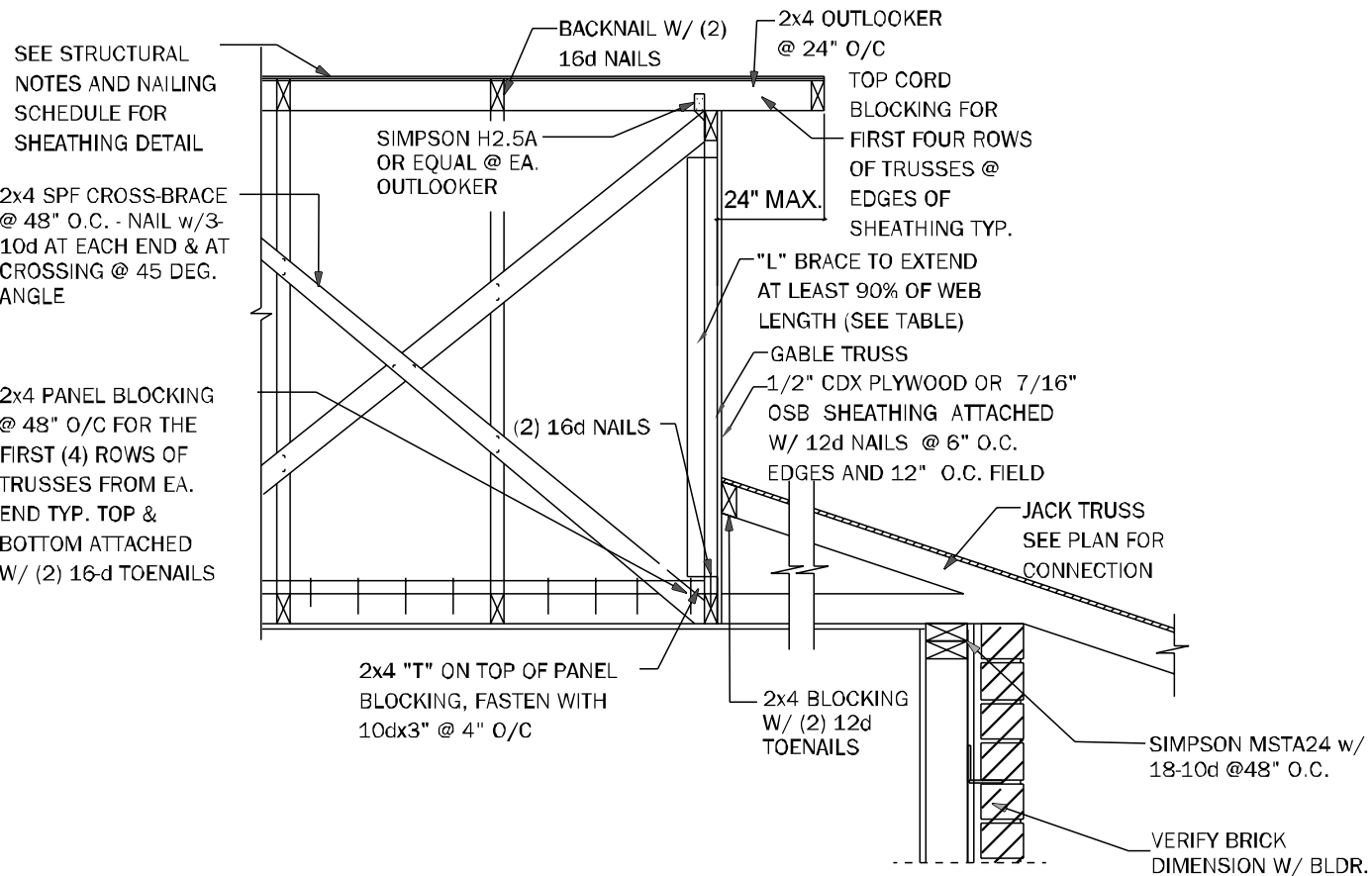
**GE24** GABLE @ VAULT N.T.S.



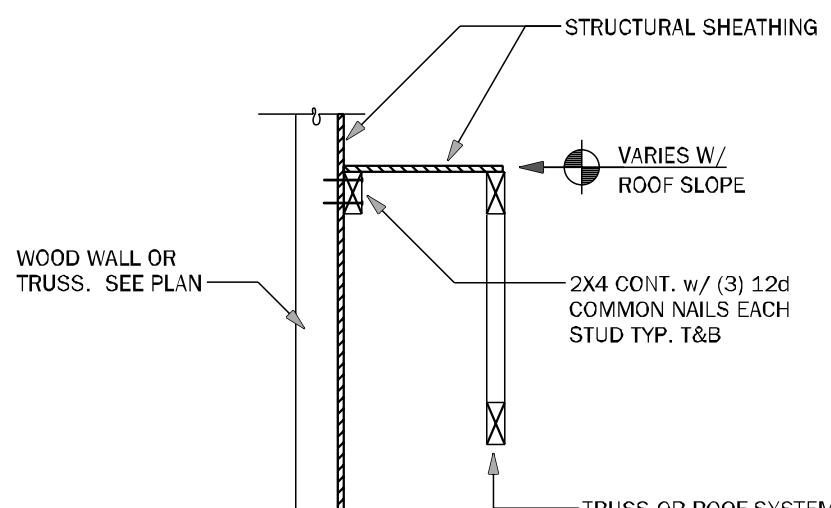
**WF72** LEDGER N.T.S.



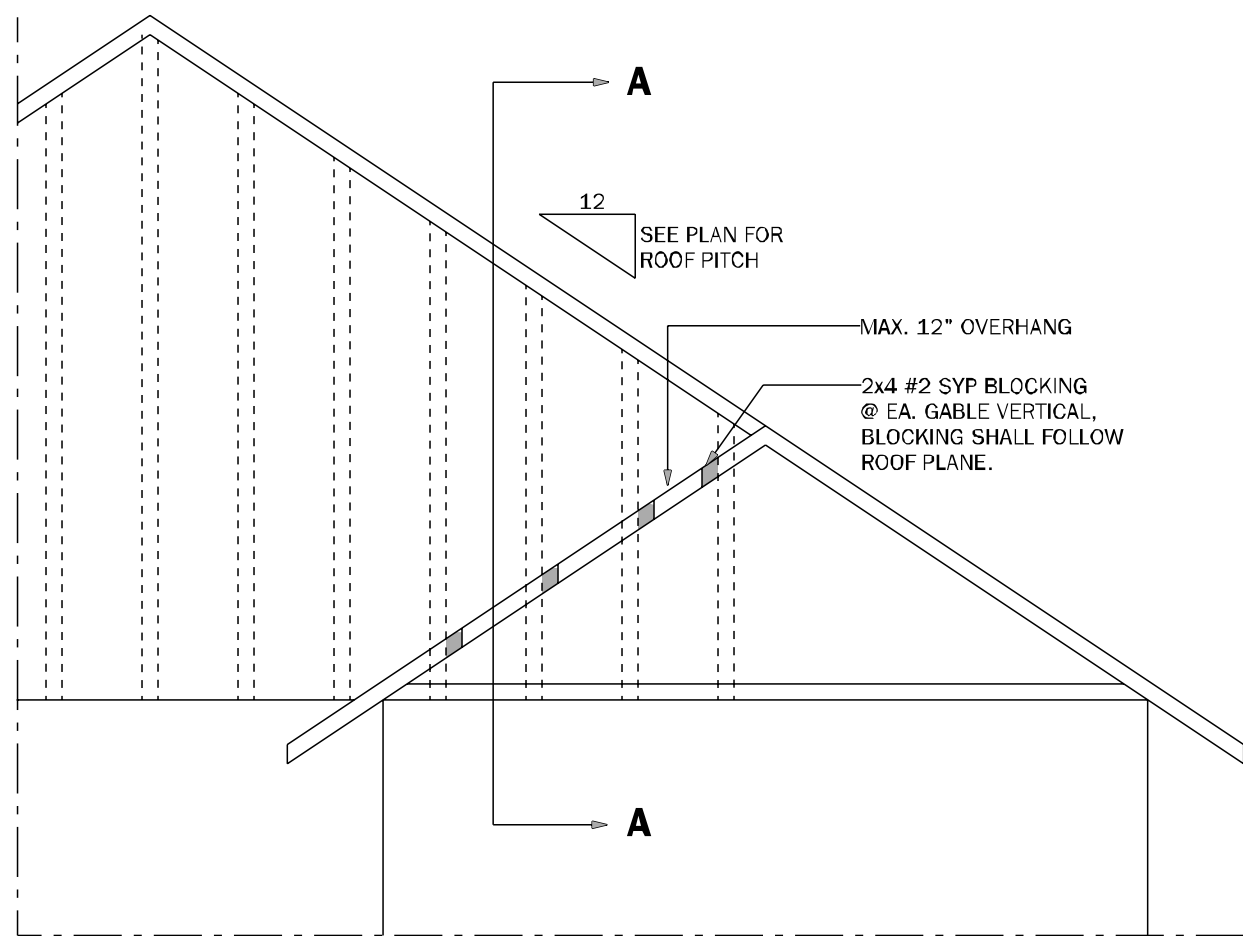
**WF73** KNEEWALL @ DORMER N.T.S.



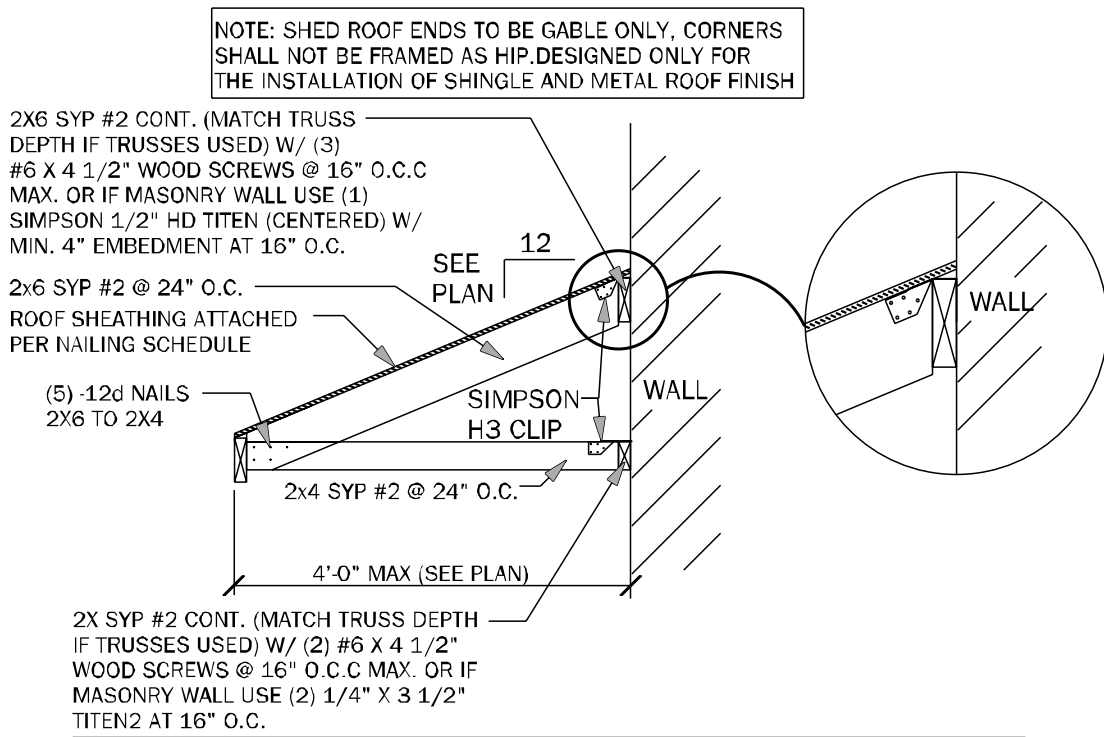
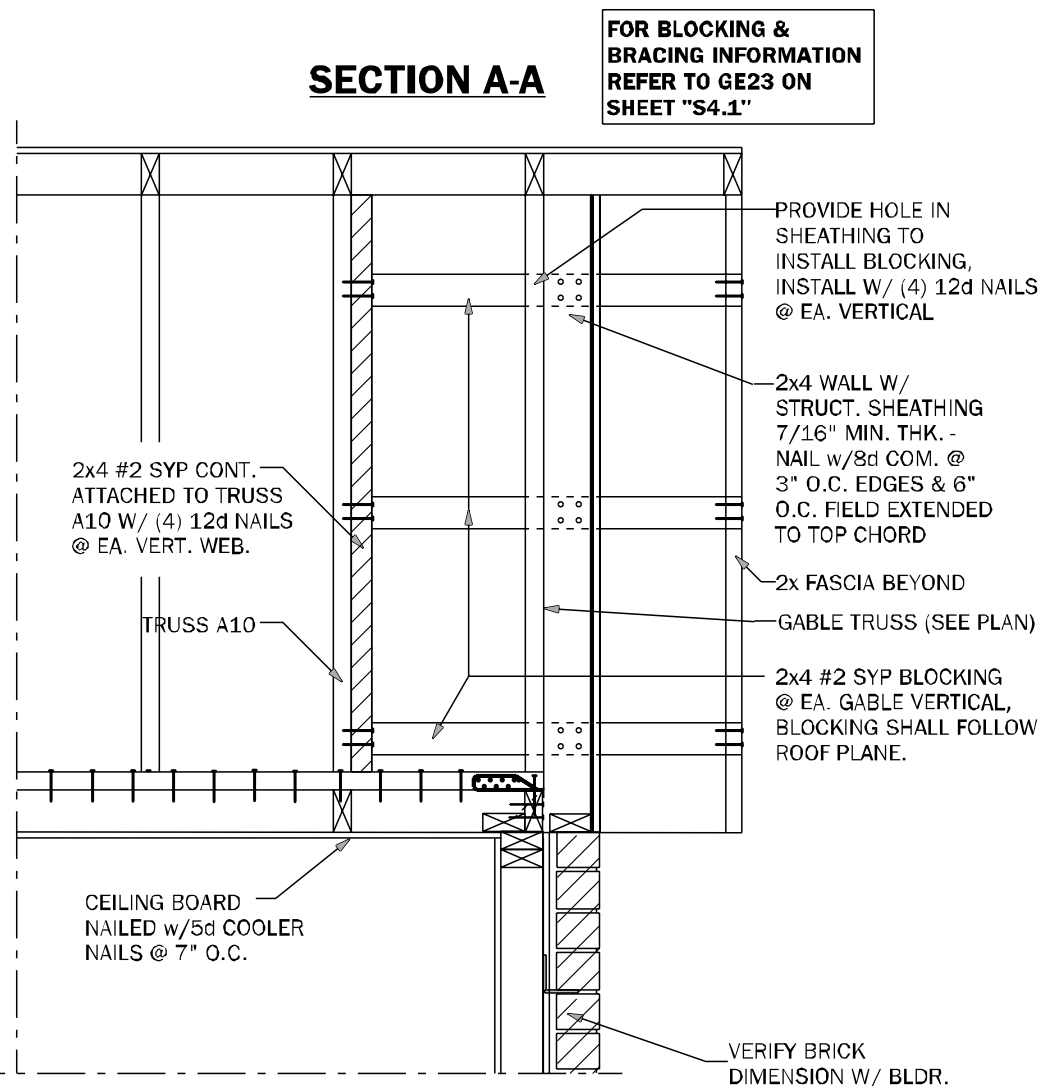
**GE21** SECTION @ DUTCH GABLE 3/4"=1'-0"



**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

To the best of the Engineer's knowledge, information, and belief, the design complies with all applicable codes, regulations, and standards, and the Engineer is not providing any warranty or guarantee of performance or results. The Engineer's design is based on the information provided by the client and is not to be used for any other purpose without the Engineer's written consent.

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

**DIVISION LOCATION:**  
GAINESVILLE

**Job Information:**

**INVENTORY**  
LOT: 85  
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359 SW Silver Palm Dr  
Lake City, FL

Model Name / Number:  
**1755**

Plan Issue Date:  
Thursday, October 31, 2024

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Sheet: **S-4.1** Of:

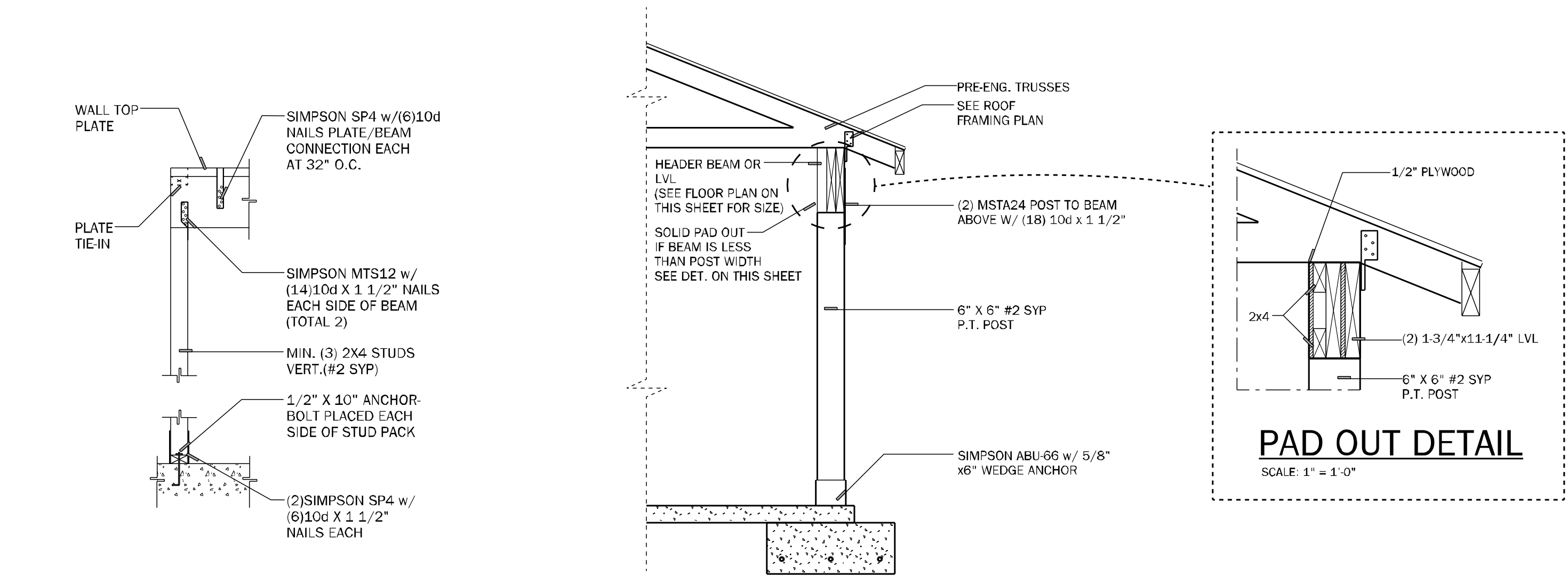
**ROOF FRAMING AND BRACING DETAILS**

Thursday, October 31, 2024



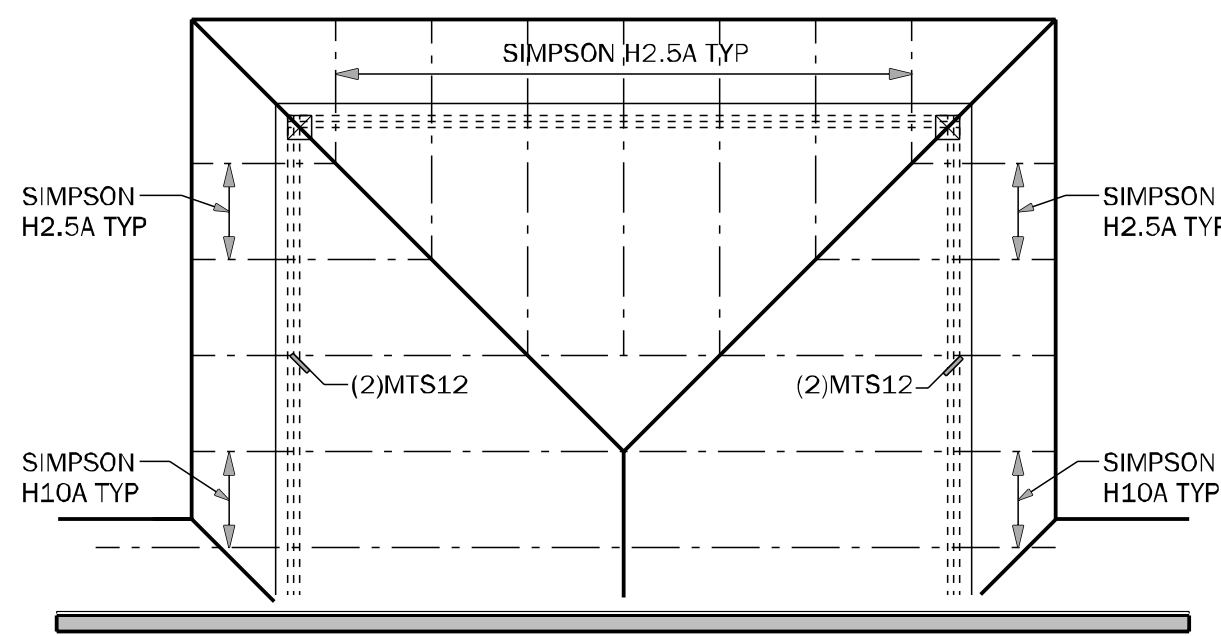




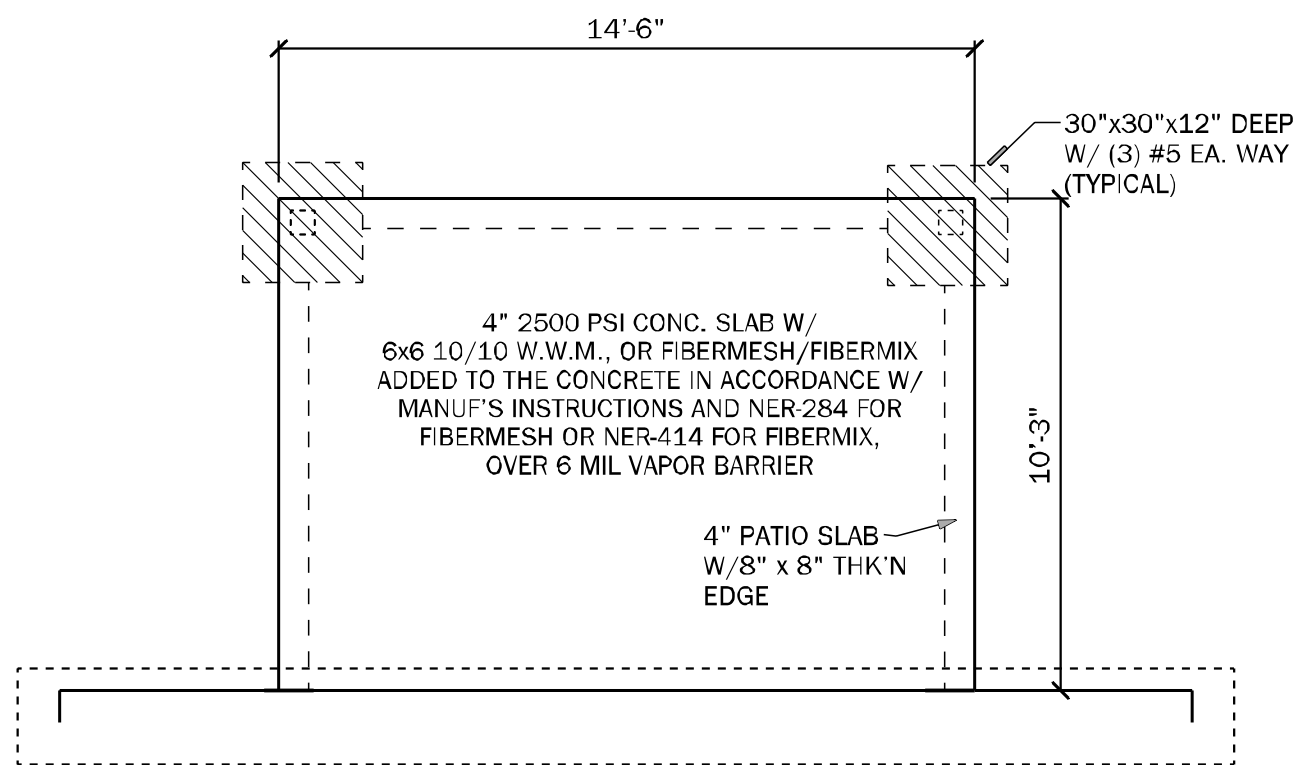


7 BEAM/WALL CONNECTION  
SCALE: N.T.S.

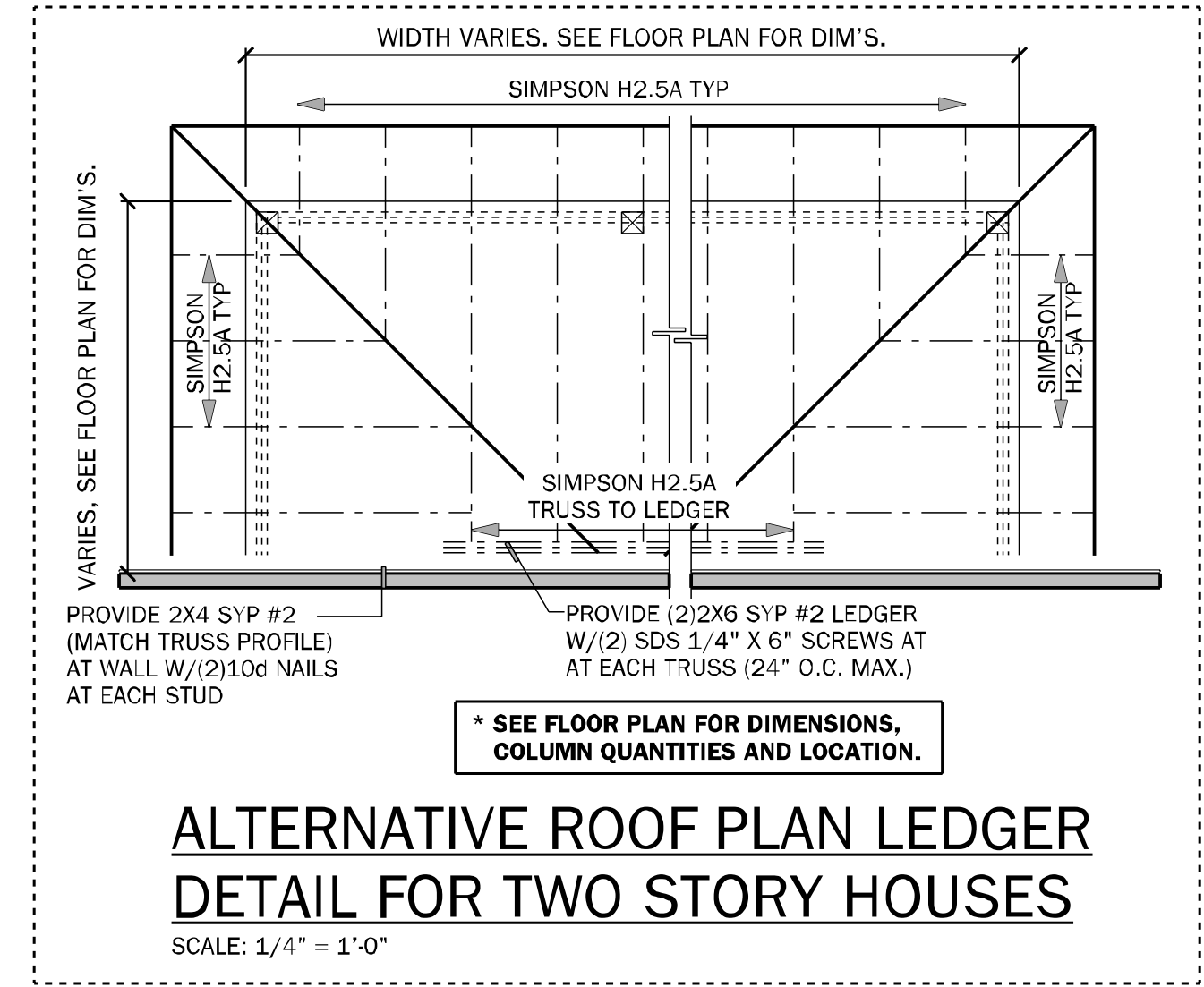
POST SECTION  
SCALE: 1/2" = 1'-0"



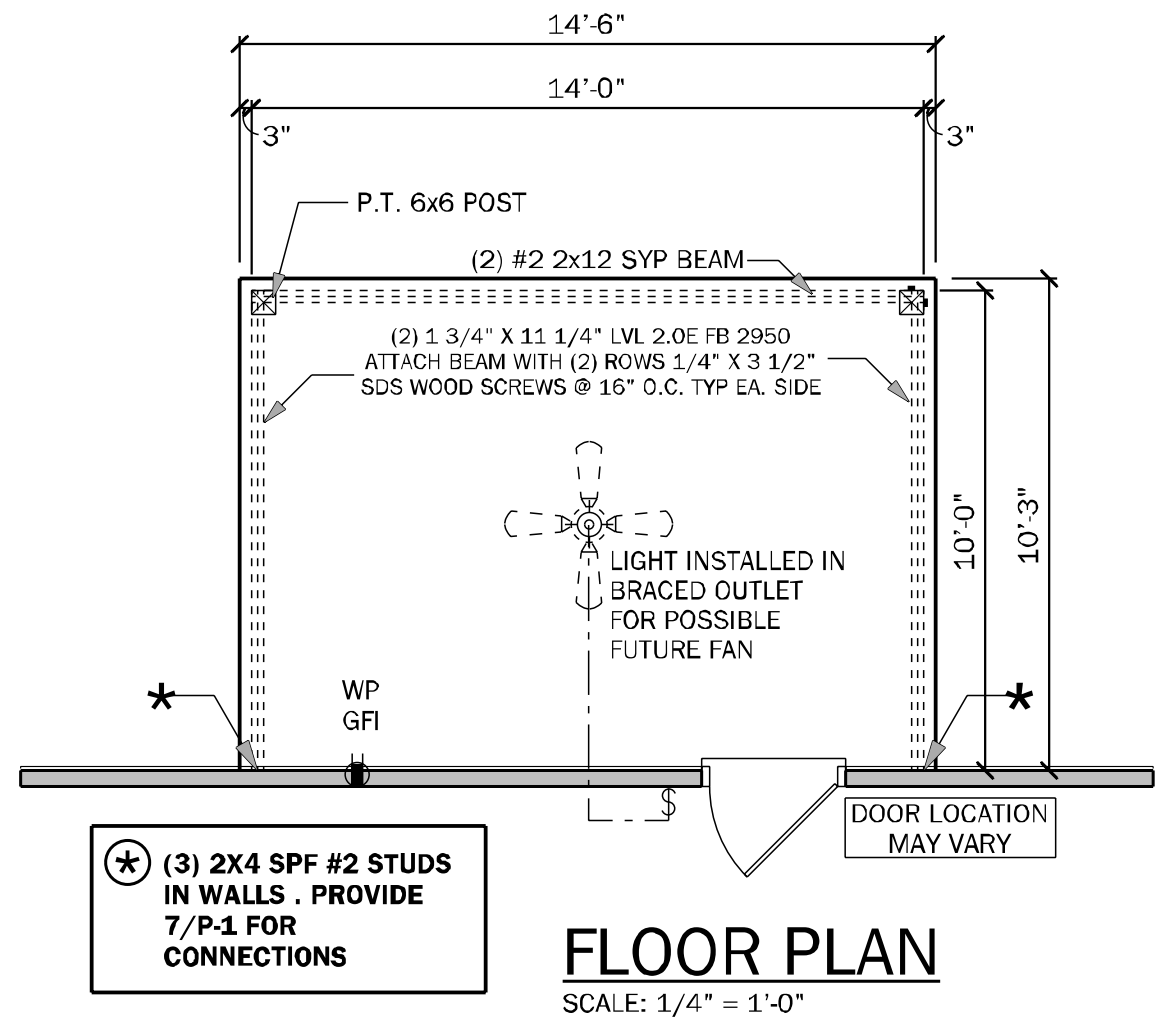
ROOF PLAN  
SCALE: 1/4" = 1'-0"



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



ALTERNATIVE ROOF PLAN LEDGER  
DETAIL FOR TWO STORY HOUSES  
SCALE: 1/4" = 1'-0"



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

keese  
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ARCHITECTURE DESIGN  
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gkeese.com

AA2600319  
F  
B  
I  
A  
B  
D

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FLORIDA CONTRACTORS LICENSE NO. CRC1330146  
100 WEST GARDEN STREET  
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Sheet: P1 Of:  
14x10 PORCH

COUNTY  
SEAL

Thursday, October 31, 2024