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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |
| COUNTY SEAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                       |
| SHT #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TITLE                 |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | COVER SHEET           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FLOOR PLAN            |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FOUNDATION PLAN       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ELECTRICAL PLAN       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ELEVATIONS            |
| S-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | TRUSS LAYOUT          |
| S-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DETAILS               |
| S-2.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DETAILS               |
| S-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DETAILS               |
| S-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DETAILS               |
| S-4.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DETAILS               |
| WP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | WATERPROOFING DETAILS |
| <div>This item has been digitally signed and sealed by<br/>Thien Bao Duong, P.E., On: Tuesday, July 03, 2024.<br/>using a digital signature.</div> <div>Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.</div> <div>Engineer's S&amp;S is only for the structural portions of the drawings. Any non-structural engineering drawings (Electrical, HVAC, Waterproofing, Driveway Layout, etc.) are for information only and are not part of the S&amp;S review.</div> <div>COLUMBIA COUNTY BUILDING DEPARTMENT<br/>No. 94452<br/>STATE OF FLORIDA<br/>REGISTERED PROFESSIONAL ENGINEER<br/>Civil Engineering</div> <div><br/>www.FDSENG.COM</div> <div><br/>ARCHITECTURE   DESIGN   PLANNING<br/>258 Southlake Lane, Maitland, FL 32751, Suite 200<br/>o: (407) 580-2333 f: (407) 580-2304<br/>info@keesee.com keeseeassociates.com A/C242/D03115</div> <div>DAMS HOMES<br/>FLORIDA CONTRACTORS' LICENSE NO.: CRC1380146<br/>100 WEST GARDEN STREET<br/>PENSACOLA FL 32502<br/>DIVISION LOCATION:<br/>GAINESVILLE<br/>Job Information:</div> <div>InVENTORY LOT: .142 BLK: SEC: SUB: PRESERVE OF LAUREL LAKE S.W. Rosemary Dr. Lake City, FL</div> <div>Model Name / Number:<br/>2508<br/>Plan Issue Date:<br/>Wednesday, July 03, 2024<br/>KA PROJECT NUMBER:<br/>24-08048<br/>Sheet: 1 Of:<br/>COVER SHEET</div> |                       |



| BEARING WOOD INTERIOR WALL SCHEDULE |              |                               |                               |                |                |
|-------------------------------------|--------------|-------------------------------|-------------------------------|----------------|----------------|
| MARK                                | STUD SPACING | CONNECTION & FASTENERS        |                               | LUMBER SPECIES | UNIFT GAP (in) |
|                                     |              | TOP                           | BOTTOM                        |                |                |
| BW1                                 | 16"          | (2) 16d TOENAILS              | (2) 16d TOENAILS              | SFF            | 0              |
| BW2                                 | 16"          | SP2 W/ (6) 10d NAILS          | SPL W/ (6) 10d NAILS          | SFF            | 402            |
| BW3                                 | 16"          | SP4 W/ (6) 10d X 1 1/2" NAILS | SP4 W/ (6) 10d X 1 1/2" NAILS | SFF            | 571            |
| BW4                                 | 12"          | (2) 16d TOENAILS              | (2) 16d TOENAILS              | SYP            | 0              |
| BW5                                 | 16"          | SP2 W/ (6) 10d NAILS          | SPL W/ (6) 10d NAILS          | SYP            | 439            |
|                                     |              | SP4 W/ (6) 10d X 1 1/2" NAILS | SPL W/ (6) 10d X 1 1/2" NAILS | SYP            | 655            |
| BW7                                 | 12"          | (2) 16d TOENAILS              | (2) 16d TOENAILS              | SFF            | 0              |
| BW8                                 | 12"          | SP2 W/ (6) 10d NAILS          | SPL W/ (6) 10d NAILS          | SFF            | 535            |
| BW9                                 | 12"          | SP4 W/ (6) 10d X 1 1/2" NAILS | SPL W/ (6) 10d X 1 1/2" NAILS | SFF            | 760            |
| BW10                                | 12"          | (2) 16d TOENAILS              | (2) 16d TOENAILS              | SYP            | 0              |
| BW11                                | 12"          | SP2 W/ (6) 10d NAILS          | SPL 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

\* ALL CONNECTIONS TO BE INSTALLED TO EACH STUD AS INDICATED

\* \*\* GRADE #3 GRADE ONLY FOR 12" STUD SPACING. SEE SCHEDULE FOR STUD SIZE

| <h1 style="text-align: center;">HEADER SCHEDULE</h1> <p style="text-align: center;">(IF USED, SEE DET., "H30" ON SHEET S-2 FOR STUD INSTALLATION ON HEADERS)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                 |                                                                                        |                                     |                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------|------------------------------|
| MARK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | HEADER SIZE                                     | REMARKS                                                                                |                                     |                              |
| H1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (2) - 2X6 #2 SYP<br>W/ 1/2" FLUTCH PLATE        | SEE GENERAL HEADER NOTE #5<br>THIS SHEET                                               |                                     |                              |
| H2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (2) - 2X8 #2 SYP<br>W/ 1/2" FLUTCH PLATE        | SEE GENERAL HEADER NOTE #5<br>THIS SHEET                                               |                                     |                              |
| H3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (2) - 2X10 #2 SYP<br>W/ 1/2" FLUTCH PLATE       | SEE GENERAL HEADER NOTE #5<br>THIS SHEET                                               |                                     |                              |
| H4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (2) - 2X12 #2 SYP<br>W/ 1/2" FLUTCH PLATE       | SEE GENERAL HEADER NOTE #5<br>THIS SHEET                                               |                                     |                              |
| H5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (2) - 1 3/4" X 11 1/4"<br>LVL# 2.0E Fb-2500 PSI | ATTACH TO HEADER WITH (3) ROWS 1 3/4" X 1/2"<br>SOS W/ SCREWS @ 16" O.C. TOP EACH SIDE |                                     |                              |
| H6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | (2) - 1 3/4" X 9 1/4"<br>LVL# 2.0E Fb-2500 PSI  | ATTACH TO HEADER WITH (3) ROWS 1 3/4" X 1/2"<br>SOS W/ SCREWS @ 16" O.C. TOP EACH SIDE |                                     |                              |
| <b>HEADER SUPPORT NO. OF JACKS &amp;<br/>STUDS REQ. AT OPENINGS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                 |                                                                                        |                                     |                              |
| OPENING SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2x4 WALL<br>JACKS<br>EA. END                    | 2x6 WALL<br>KINGS<br>EA. END                                                           | 2x6 OR 2x8 WALL<br>JACKS<br>EA. END | 2x8 WALL<br>KINGS<br>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)                          |
| <h2>GENERAL HEADER NOTES</h2>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                 |                                                                                        |                                     |                              |
| 1. VERIFY W/ PLAN CORRECT LENGTH OF HEADER REQUIRED<br>2. IF HEADER IS ON THE 1 <sup>ST</sup> FLOOR SEE PLAN FOR BEARING WALL TYPE AND FOLLOW INSTRUCTIONS REGARDING BEARING WALL SCHEDULE FOR REQUIRED CORRECTIONS AND ON PLAN<br>3. IF HEADER IS ON THE 2 <sup>ND</sup> FLOOR SEE PLAN FOR INDICATED HEADER CONNECTION FOR REQUIRED CONNECTIONS.<br>4. ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL WP37.<br>5. FASTEN ALL MULTIPLE HEADERS TOGETHER W/ (2) ROWS 1 3/4" X 2x8 COMMON NAILS @ 12" O.C. ALONG EACH EDGE OR (3) ROWS IF 2x10 OR LARGER.<br>6. FASTEN ALL HEADERS TO KING STUDS WITH (3) 2x2 TONNELS PER SIDE<br>7. IF HEADER IS NOT SPECIFIED CONTACT E.O.R. |                                                 |                                                                                        |                                     |                              |

| BEAM SCHEDULE |                                                                                                                                                     |                                                                                                                                          |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| MARK          | BEAM SIZE                                                                                                                                           | CONNECTIONS                                                                                                                              |
| SM1           | (2) - 2 x 8 @ 5'W V/W 7'16"<br>OVER FLUTE LVL<br>BEAM TOGETHER USING (2)<br>ROWS OF 1/4" X 3/8" CTS<br>WOOD SCREWS @ 12"<br>O.C. TYP EACH SIDE      | CONNECTION PROVIDE (2)<br>SIMPSON L5242 OR (2)<br>SIMPSON HTS20 TO WOOD POST<br>OR (2) SIMPSON HTS16 TO CMU<br>CL. U.N.O. ON ROOF PLAN.  |
| SM2           | (2) - 2 x 10 @ 5'W V/W 7'16"<br>OVER FLUTE LVL<br>BEAM TOGETHER USING (2)<br>ROWS OF 1/4" X 3/8" CTS<br>WOOD SCREWS @ 12"<br>O.C. TYP EACH SIDE     | CONNECTION PROVIDE (2)<br>SIMPSON L5242 OR (2)<br>SIMPSON HTS20 TO WOOD POST<br>OR (2) SIMPSON HTS16 TO CMU<br>CL. U.N.O. ON ROOF PLAN.  |
| EM3           | (2) - 2 x 12 @ 5'W V/W 7'16"<br>OVER FLUTE LVL<br>BEAM TOGETHER USING (2)<br>ROWS OF 1/4" X 3/8" CTS<br>WOOD SCREWS @ 12"<br>O.C. TYP EACH SIDE     | CONNECTIONS PROVIDE (2)<br>SIMPSON L5242 OR (2)<br>SIMPSON HTS20 TO WOOD POST<br>OR (2) SIMPSON HTS16 TO CMU<br>CL. U.N.O. ON ROOF PLAN. |
| EM4           | (2) - 1 3/4" x 11 1/4" LVL<br>2.0E Fb=2600 PSI, NAIL BEAM<br>TOGETHER USING (2) ROWS<br>1/4" x 3/8" CTS WOOD<br>SCREWS @ 16" O.C. TYP.<br>EACH SIDE | CONNECTION PROVIDE (2)<br>SIMPSON L5242 OR (2)<br>SIMPSON HTS20 TO WOOD POST<br>OR (2) SIMPSON HTS16 TO CMU<br>CL. U.N.O. ON ROOF PLAN.  |
| EM5           | (2) - 1 3/4" x 11 7/8" LVL<br>2.0E Fb=2600 PSI, NAIL BEAM<br>TOGETHER USING (2) ROWS<br>1/4" x 3/8" CTS WOOD<br>SCREWS @ 16" O.C. TYP.<br>EACH SIDE | CONNECTION PROVIDE (2)<br>SIMPSON L5242 OR (2)<br>SIMPSON HTS20 TO WOOD POST<br>OR (2) SIMPSON HTS16 TO CMU<br>CL. U.N.O. ON ROOF PLAN.  |
| EM6           | (2) - 1 3/4" x 18" LVL<br>2.0E Fb=2600 PSI, NAIL BEAM<br>TOGETHER USING (2) ROWS<br>1/4" x 3/8" CTS WOOD<br>SCREWS @ 16" O.C. TYP.<br>EACH SIDE     | CONNECTION PROVIDE (2)<br>SIMPSON L5242 OR (2)<br>SIMPSON HTS20 TO WOOD POST<br>OR (2) SIMPSON HTS16 TO CMU<br>CL. U.N.O. ON ROOF PLAN.  |

## GENERAL BEAM NOTES

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

TOP OF WALL SEE PLAN  
 DOUBLE 2x TOP PLATE  
 DOUBLE 2x HEADER OVER OPENINGS W/ IN BRG WALL SET. PER WF09 FOR MORE INFO.  
 2x MID SPAN BLOCKING W/ (2) 12g TOENAILS @ EACH END FOR WALLS TALLER THEN 8'-0"  
 F.F.  
 2x P.T. W/ 1/2" A.B @ 32" O.C. W/ 7" EMBEDMENT OR 1/2" A.T.P. W/ SIMPSON SET W/ 7" EMBEDMENT FAST STEP DOWN.  
 ALT.: SIMPSON 1/2" TITEN HD @ 32" O.C. W/ SAME EMBEDMENT  
 SIMPSON SPH4 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

## BEARING INTERIOR WALL DETAIL

### GENERAL NOTES

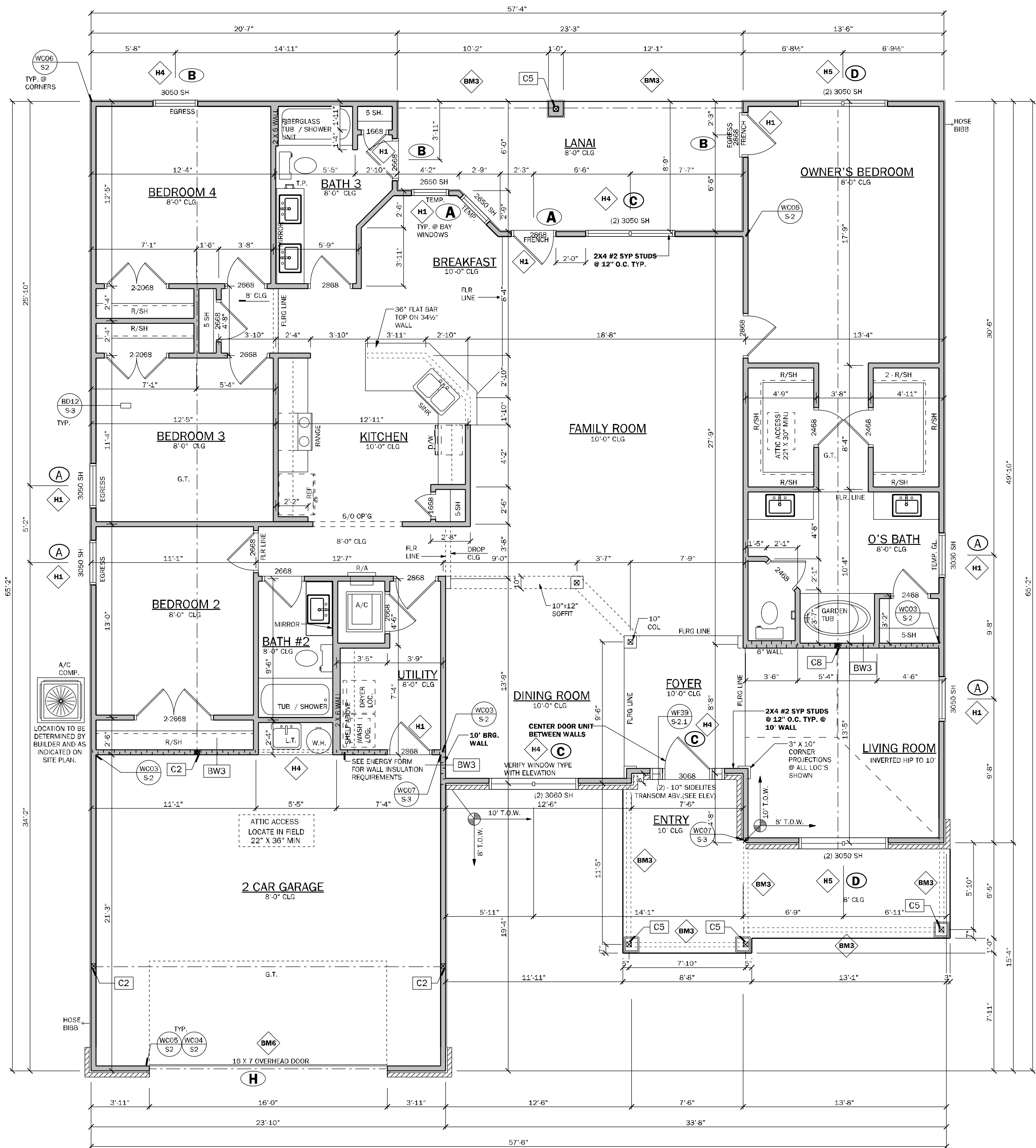
1. SEE FLOOR PLAN FOR WALL TYPE, ASSUME 24" STUDS USED UNLESS NOTED.
2. ALL STRUCTURAL LUMBER SHALL BE OF THE SP, S-P, OR S-L PLAN.
3. CONNECTIONS TO BE INSTALLED AS EACH STUD IS LINED.
4. IF ANY STUDS ARE NOTED TO BE SUBSTITUTED, TO VERIFY THEY MEET THE STRUCTURAL REQUIREMENTS.
5. IF "BW" IS INDICATED, THE BEARING WALL SHALL BE CONSIDERED TO IGNORED, SEE WHERE/SS3.3 OR INDICATED DETAIL FOR PROPER CONNECTIONS FOR 2ND FLOOR TO FIRST FLOOR CONNECTIONS. (NOTE: THIS IS FOR A 2 STORY PROJECTS ONLY.)
6. IF "SWP" IS INDICATED, THE WALL IS BEING CONSIDERED A SHEARWALL, AND REQUIRES MIN. 7/16" O.D. PLYWOOD W/ 90 NAILS AT 4" O.C. IN FIELD AND EDGE TO 1 SIDE OF WALL TO BE ATTACHED TO STUDS. SEE PLAN AND WALLS SECTIONS FOR WALL SPACING AND ORIENTATION.
7. IF "SW" IS INDICATED, THE WALL IS BEING CONSIDERED A SHEARWALL, AND REQUIRES MIN. 7/16" O.D. PLYWOOD W/ 90 NAILS AT 4" O.C. IN FIELD AND EDGE TO 1 SIDE OF WALL TO BE ATTACHED TO STUDS. SEE PLAN AND WALLS SECTIONS FOR WALL SPACING AND ORIENTATION.
8. IF THE BEARING WALL IS INDICATED WITH THE BOWL BWL, BWL7, BWL13 THESE WALLS ARE TO BE ATTACHED TO STUDS WITH 1/2" DIA. BOLTS. SEE DETAIL FOR WALL ATTACHMENT TO STUDS. NAILS TO THE PLATE AND THE 24" PLATE CAN BE ATTACHED WITH HARD CASED NAILS (5/8" DIA. MIN.) TO BE USED THE ANCHOR BOLT ATTACHMENT INDICATED IN THE BEARING WALL SCHEDULE.

| COLUMN SCHEDULE |                                                           |                                                                          |                       |
|-----------------|-----------------------------------------------------------|--------------------------------------------------------------------------|-----------------------|
| MARK            | COLUMN SIZE                                               | (BASE) CONJ. + FASTENER                                                  | UPLIFT(LB)            |
| C1              | (3) 2 x 4 D2 SPF                                          | (4) - 16D TENOALS                                                        | 0                     |
| C2              | (3) 2 x 4 D2 SPF                                          | DTTZ W/ 1/2" WEDGE<br>ANCHOR & (8) 1/4" x 1 1/2" SDS SCREWS              | 2145                  |
| C3              | (3) 2 x 4 SYP #1 OR:                                      | (4) - 16D TENOALS                                                        | 0                     |
| C4              | (4) 2 x 4 SPF #2                                          | DTTZ W/ 1/2" WEDGE<br>& (8) 1/4" x 1 1/2" SDS SCREWS                     | 2145                  |
| C5              | 4 x 8 P1 #2<br>SYP POST                                   | ASU44 W/ 5/8" ATR**<br>& (12) - 16D NALS                                 | G = 6665<br>U = 2300  |
| C6              | 6 x 8 P1 #2<br>SYP POST                                   | ABUG6 W/ 5/8" ATR**<br>& (12) - 16D NALS                                 | G = 12000<br>U = 2300 |
| C7              | 8 x 8 P1 #2<br>SYP POST                                   | ABUG8 W/ (2) - 5/8" ATR**<br>& (18) - 16D NALS                           | G = 24355<br>U = 2320 |
| C8              | 3.5 x 5.25 P.L.<br>1.8E Rn=2400 PSI<br>(VARIABLE F.E.T.)  | HOURSDSS2 W/ (14) 1/4" x<br>2 1/2" SDS W/ 5/8" EPoxy<br>ANCHOR, OR ATR** | 5645                  |
| C9              | 3.5 x 5.25 P.L.<br>1.8E Rn=2400 PSI<br>(VARIABLE F.E.T.)  | HOURSDSS2 W/ (14) 1/4" x<br>2 1/2" SDS W/ 5/8" EPoxy<br>ANCHOR, OR ATR** | 5645                  |
| C10             | 3.5 x 7 P.L.<br>1.8E Rn=2400 PSI<br>(VARIABLE F.E.T.)     | HOURSDSS2 W/ (20) 1/4" x<br>2 1/2" SDS W/ 5/8" EPoxy<br>ANCHOR, OR ATR** | 6970                  |
| C11             | 5.25 x 5.25 P.L.<br>1.8E Rn=2400 PSI<br>(VARIABLE F.E.T.) | HOURSDSS2 W/ (30) 1/4" x<br>2 1/2" SDS W/ 5/8" EPoxy<br>ANCHOR, OR ATR** | 7870                  |
| C12             | 7 x 7 P.L.<br>1.8E Rn=2400 PSI<br>(VARIABLE F.E.T.)       | HOURSDSS2 W/ (30) 1/4" x<br>2 1/2" SDS W/ 5/8" EPoxy<br>ANCHOR, OR ATR** | 7870                  |
| C13             | 5.25" x 7" P.L. 1.8E<br>Rn=2400 PSI<br>(VARIABLE F.E.T.)  | HOURSDSS2 W/ 1" R/ ATR AND (20)<br>1/4" x 1/2" SDS WOOD SCREWS           | 7870                  |

## GENERAL COMMON NOTES

1. SEE FLOOR PLAN FOR WALL WIDTH. STUD PICKS TO MATCH WALL WIDTH UNLESS NOTED.
2. ALL STRUCTURAL LUMBER TO BE SYP #1 OR SPF #2 UNLESS NOTED ON PLAN.
3. NAIL STUD UP STUDS PER DETAIL W57.
4. MINIMUM STUD EMBEDMENT:
  - 5" EMBEDMENT FOR 1/2" ATR
  - 6" EMBEDMENT FOR 5/8" ATR
  - 8" EMBEDMENT FOR 7/8" ATR
5. IF (C) COMMON IS INDICATED ON SECOND FLOOR, THE BASE CONNECTION IS NOT REQUIRED. (SEE INDICATED CALL OUT ON PLAN FOR ATTACHMENT)
6. SEE WOOD CONNECTION DETAIL #43 ON OVER SHEET FOR CORROSION INFORMATION
7. SAME NOMINAL SIZE PARALLEL COMMONS (L.B.E) MAY BE SUBSTITUTED FOR ANY P.T. SYP POST NOTED IN THE PLANS

| <b>COMMON NAIL SYP vs. PNEUMATIC GUN NAILS:</b> |                 |                                     |                                        |                                     |
|-------------------------------------------------|-----------------|-------------------------------------|----------------------------------------|-------------------------------------|
| COMMON NAIL                                     | DIA. / LENGTH   | PNEUMATIC GUN NAIL<br>DIA. / LENGTH | COMMON vs. GUN<br>NAIL SPOKING         | APPLICATION                         |
| 8d                                              | 0.131" X 2 1/2" | 0.131" X 2 1/2"                     | USE PLAN                               | SHEATHING<br>OVER F.W. WALLS        |
| 10ds OR 12ds                                    | 0.148" X 3"     | 0.131" X 3"                         | USE PLAN                               | BLOCKING & TOP<br>NAILS & TOP PLATE |
| 12ds                                            | 0.148" X 3 1/2" | 0.131" X 3 1/2"                     | USE PLAN                               | STUD WALL<br>CORNERS                |
| 10d                                             | 0.148" X 3 3/4" | 0.125" X 3 3/4"                     | 8" O.C. (COMMON)<br>8" O.C. (GUN NAIL) | STUD WALL<br>CORNERS                |
| 10d                                             | 0.148" X 3 3/4" | 0.131" X 3"                         | 8" O.C. (COMMON)<br>8" O.C. (GUN NAIL) | STUD PICK<br>PLAN                   |
| 16d                                             | 0.162" X 3 1/2" | 0.140" X 3 1/2"                     | 12" O.C. (COMMON)<br>3" 16d (GUN NAIL) | STUD PICK<br>PLAN                   |



**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

R.3032.6 (table 302.6) If water based ceiling texture material is used, Provide 75 gypsum board for 16° O.C. Framing: 16° or 5/8" type X gypsum board for 24° O.C. Framing: Note 72" sag-resistant gypsum board may be used 1 L.O., 5/8" gypsum board, 5/8" type "X" gypsum board must be installed on garage ceiling between habitable rooms(s).

R.3032.5.2 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 1/2" x .28 gauge galvanized steel, 1 inch minimum rigid nonmetallic class 0 or class 1 duct board, or other approved material and shall not have openings in the garage.

R.3032.5.1 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.

R.3032.7 Enclosed space under stairs that is accessed by a door or access panel shall have walls, under-stair surface and, any soffits protected on the enclosed side with 1/2" gypsum board.

5. Outdoor swimming pools shall be provided with a barrier complying with R4501.1-7.1.1 through R4501.7.1.1, 7.1.4.

6. Bathroom exhaust fans must vent to the exterior of the building, exhaust to attic space and soffits are not allowed. Ventilation shall be permitted to exit through the soffit if solid soffit is installed 5'-0" on each side of the venting.

7. R.3032.6 The garage shall be separated from the residence and its attic as required by Table R3032.6. From the residence and attics by not less than 12-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.

3.13.2.2 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 ground surface, the sill (or sill plate (1929 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:

1. 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.
2. Operable windows that are provided with window fall prevention devices that comply with ASTM F2090.
3. Operable windows that are provided with window opening control devices that comply with Section R312.2.2.

R303.4.2 All windows within 2'-0" of doors and in stairwells or hub areas will be safety tempered glass.

10. EC: R402.2.4 Vertical or horizontal access doors from conditioned spaces to unconditioned spaces such as attics and crawl spaces shall be weathertight and sealed to a level equivalent to the insulation on the surrounding surfaces

11. 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

12. 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 owner/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 into attics or crawl spaces. Forward duct terminations shall be equipped with a backdraft damper. Screens shall not be installed at the duct termination.

13. 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" 1/2" drywall screws at 8" o.c. in filed and edges.  
Option 2: Plywood:  
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 shall 3" o.c. field and 4" edges.

13. Energy Code Compliance Path is Performance Based Pal Code cycle is FBC 2023 8th Edition.

★ ALL INTERIOR AND EXTERIOR WALL FRAMING, JOIST, TRUSS, RUFING STRIPS ON CMU WALLS, TO BE SPACED AND 16" O.C. (U.N.O.)

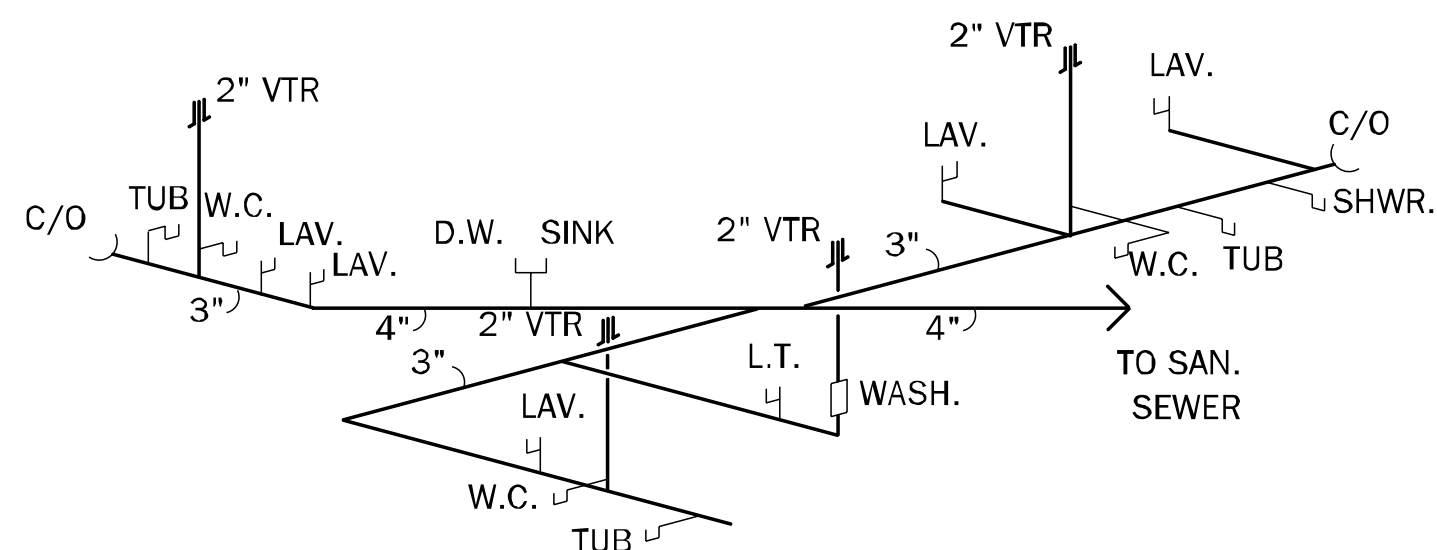
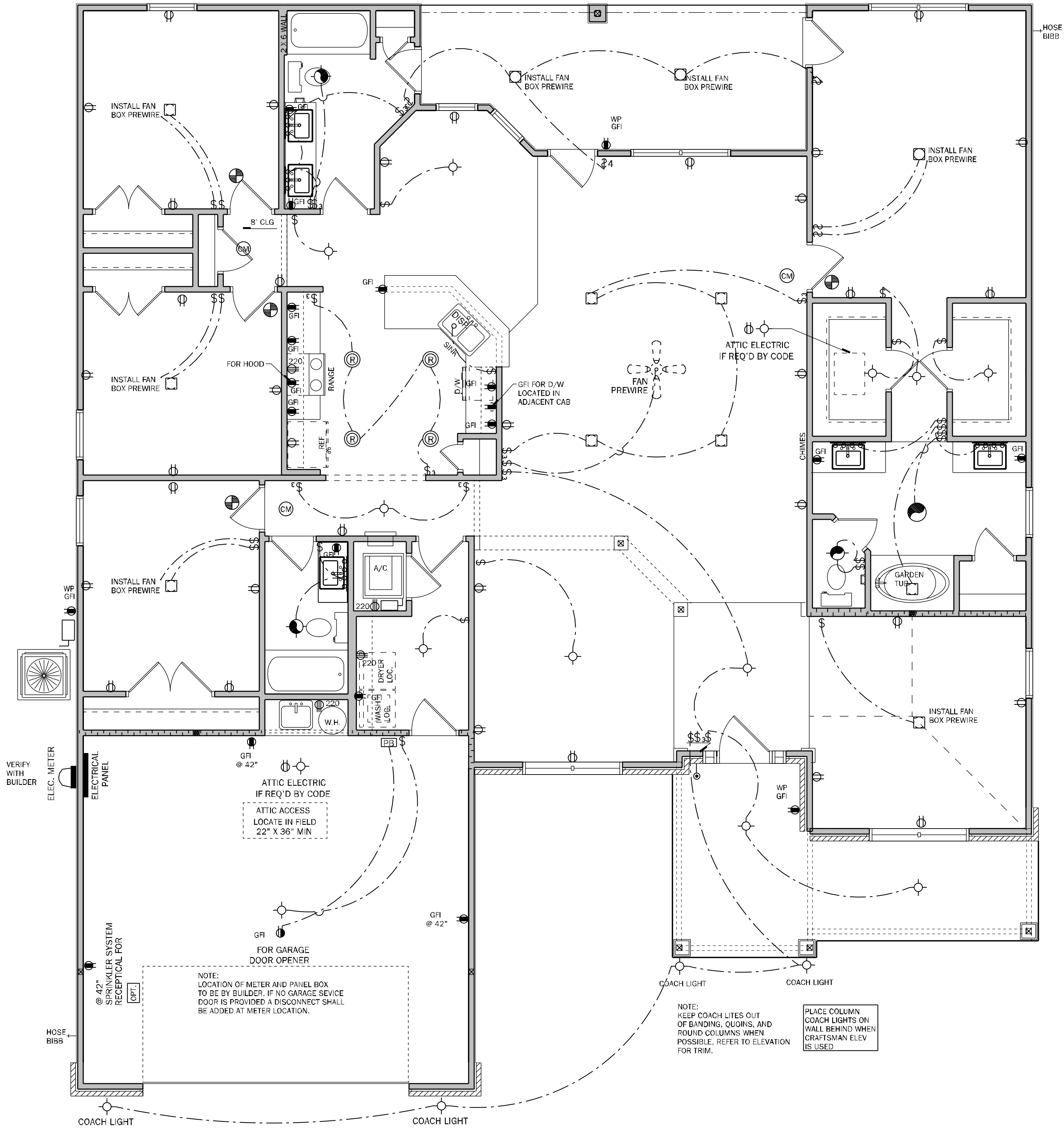
| AREA CALCULATIONS     |           |
|-----------------------|-----------|
| 1st FLOOR             | 2508 S.F. |
| TOTAL LIVING (AC)     | 2508 S.F. |
| GARAGE                | 543 S.F.  |
| COVERED ENTRY         | 162 S.F.  |
| COVERED PATIO/LANAI   | 193 S.F.  |
| TOTAL AREA UNDER ROOF | 3406 S.F. |







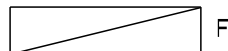
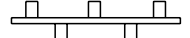
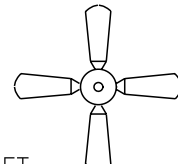
| LOAD CALCULATIONS                 |               |
|-----------------------------------|---------------|
| COOLING GREATER THAN HEATING      |               |
| GENERAL LIGHTING & RECEPTACLES    |               |
| 3 WATTS PER SQUARE FOOT OF LIVING |               |
| S.F. LIVING = 2,508 X 3           |               |
| = 7,524                           |               |
| 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)      | 200           |
| GEN LIGHT G & RECEPT. + APP. CIR. | = 36,524      |
| SUBTRACT 100 % OF FIRST 10,000    | = 10,000      |
| <b>A =</b>                        | <b>26,524</b> |
| HVAC CIRCUITS                     |               |
| A/C ( AIR HANDLER & COMP.)        | 10,000        |
| A/C ( AUXILIARY HEAT STRIP)       | 10,000        |
| <b>B =</b>                        | <b>20,000</b> |
| CIRCUIT CALCULATIONS              |               |
| FIRST 10,000 AMPS @ 100%          | = 10,000      |
| + 40% OF "A" = (40 X 26,524)      | = 10,610      |
| + 100% OF "B" = (20,000)          | = 20,000      |
| TOTAL WATTAGE                     | = 40,610      |
| WATTS DIVIDED BY 240 = AMPS       |               |
| CALCULATED SERVICE AMPS           | = 170         |

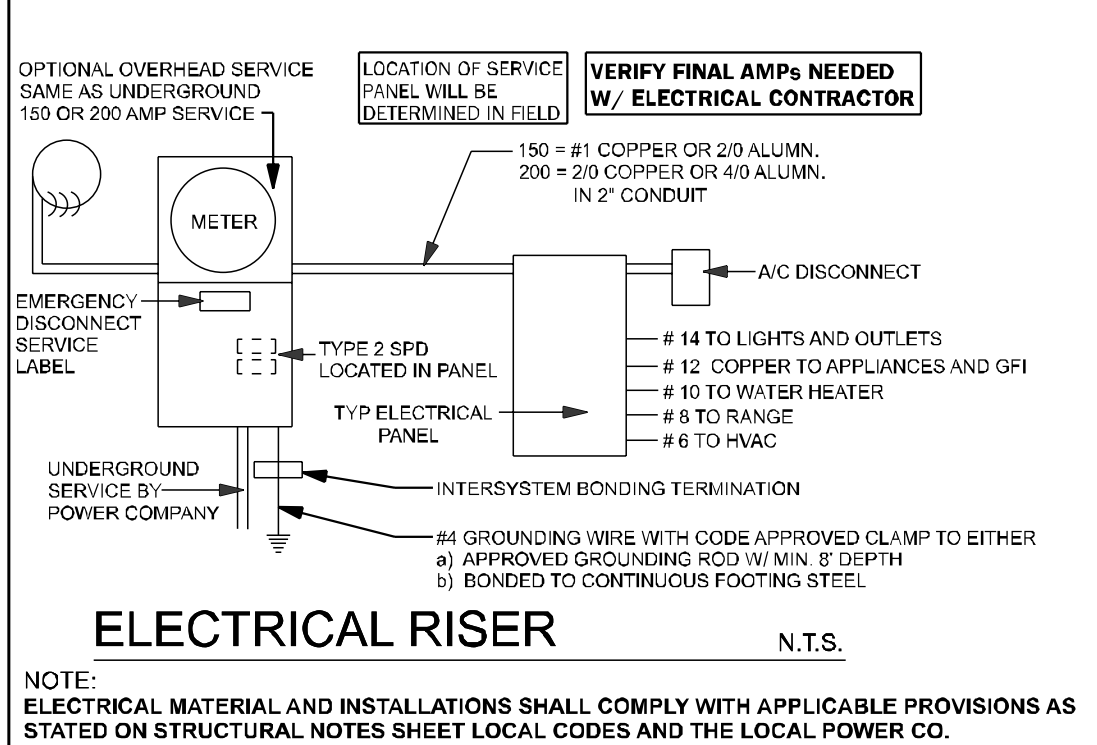


PLUMBING RISER  
NTS

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

- ELECTRICAL NOTES:** UNLESS OTHERWISE NOTED.
- 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 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 IFB R315 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. R315.1.2 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 SOFFITS 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 GFCI 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 ACTIVATION 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,  
NOT SERVICE EQUIPMENT  
(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  
MARKINGS SHALL COMPLY WITH 110.24(B).
  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                  |    | CARBON MONOXIDE/<br>SMOKE DETECTOR<br>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 )<br>FIXTURE |  | DOOR BELL CHIMES                                 |
|  | 110 VOLT DUPLEX OUTLET              |  | DOOR BELL                                        |
|  | 110 VOLT SPLIT SWITCHED OUTLET      |  | DISPOSAL                                         |
|  | GROUND FAULT INTERRUPT              |  | DISCONNECT SWITCH                                |
|  | WATER PROOF W/ GROUND FAULT         |  | PREWIRE SPEAKER                                  |
|  | 220 VOLT OUTLET                     |  | JUNCTION BOX                                     |
|  | SPECIAL SERVICES OUTLET             |  | THERMOSTAT                                       |
|  | T.V. CABLE OUTLET                   |  | LOW VOLTAGE LIGHTING                             |
|  | TELEPHONE CABLE OUTLET              |  | INTERCOM SYSTEM                                  |
|  | RECESSED LIGHTING                   |  | GARAGE DOOR<br>PUSH BUTTON                       |
|  | WATER PROOF<br>RECESSED LIGHTING    |                                                                                       |                                                  |
|  | BATH FAN                            |                                                                                       |                                                  |
|  | BATH FAN W/ LIGHT                   |                                                                                       |                                                  |
|  | L.E.D. DISC LIGHT                   |                                                                                       |                                                  |



ELECTRICAL RISER  
N.T.S.

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DAMS HOMES  
FLORIDA CONTRACTORS LICENSE NO. CRC1330148  
100 WEST GARDEN STREET  
PENSACOLA FL 32502

DIVISION LOCATION:  
GAINESVILLE

Job Information:

INVENTORY

LOT: 142  
BLK:  
SEC:  
SUB: Preserve of Laurel Lake  
S.W. Rosemary Dr.  
Lake City, FL

Model Name / Number:  
2508

Plan Issue Date:  
Wednesday, July 03, 2024

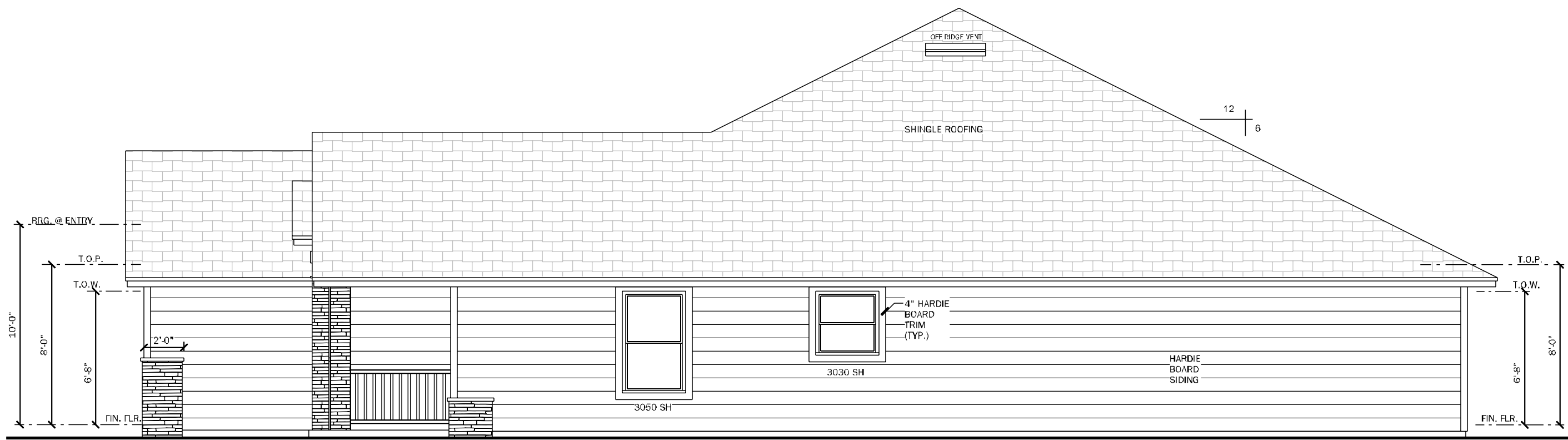
KA PROJECT NUMBER:  
24-08048

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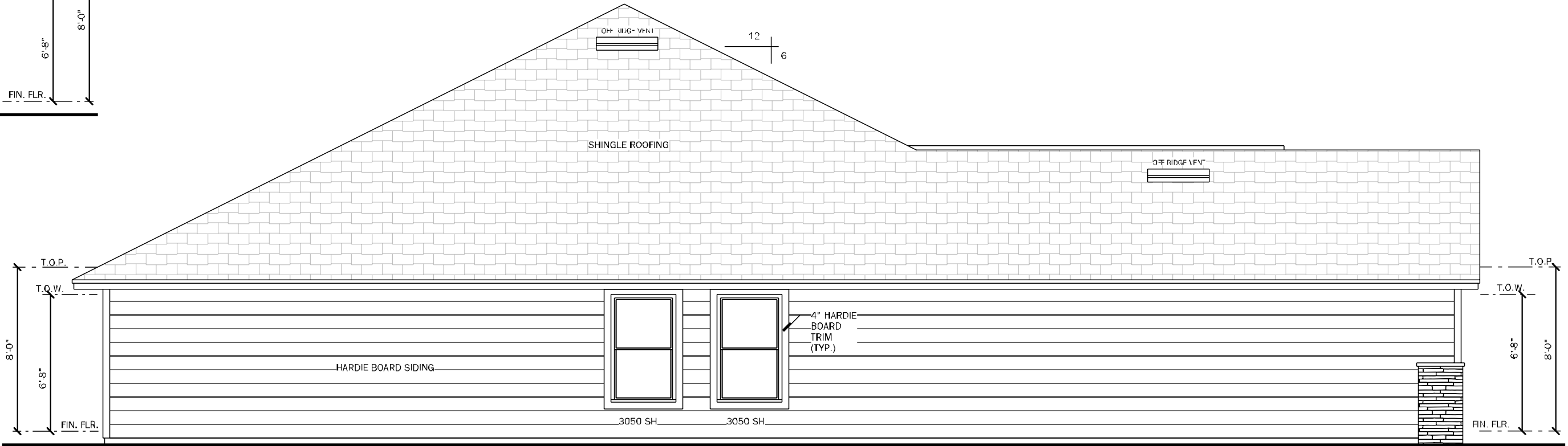
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Wednesday, July 03, 2024

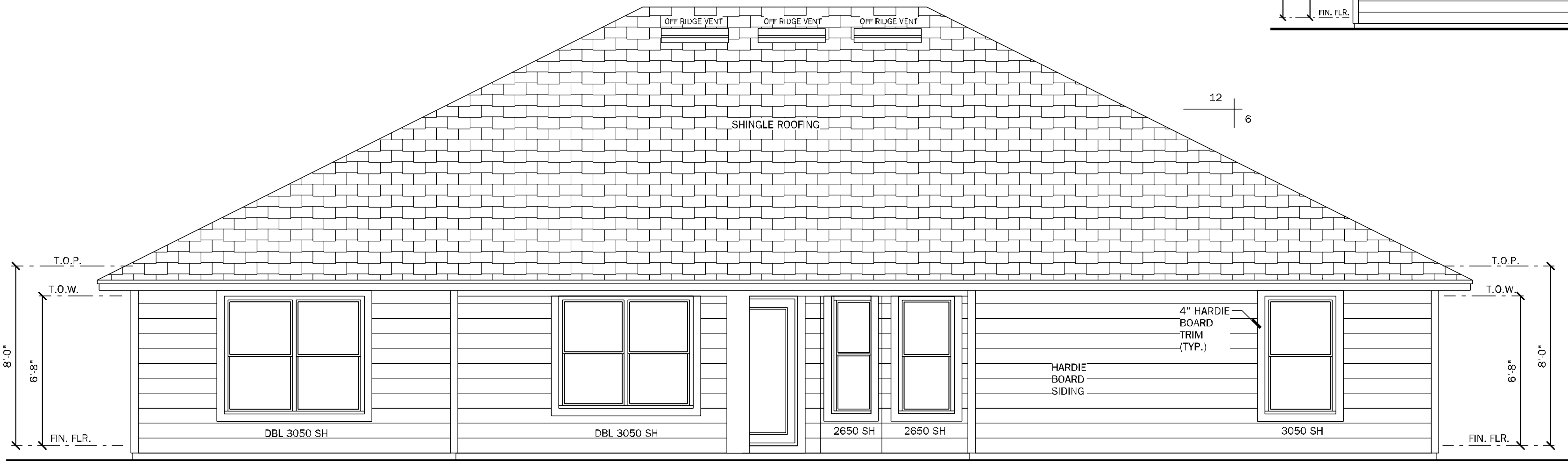




RIGHT ELEVATION "C"  
SCALE: 3/16" =1'-0"



LEFT ELEVATION "C"  
SCALE: 3/16" =1'-0"



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



FRONT ELEVATION "C"  
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)                                                                | 3406 s.f.             |
| Total needed for exhaust for upper 1/3                                                        | 817 net sq inches     |
| Total needed for intake (soffit area, lower)                                                  | 817 net sq inches     |
| Number of Off Ridge Vents for upper 1/3 needed                                                | 6                     |
| L.F. of Ridge Vent needed (can be used in combo with ORV)                                     | 45                    |
| Lineal Feet of Soffit needed to meet required                                                 | 99                    |
| Lineal S.F. provided by plan                                                                  | 211                   |

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Wednesday, July 03, 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, Engineering Law and rules and is not intended to be construed as a warranty of performance or a statement of opinion or a statement of fact.

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

DIVISION LOCATION:  
GAINESVILLE

INVENTORY

LOT: 142  
BLK:  
SEC:  
SUB: Preserve of Laurel Lake  
S.W. Rosemary Dr.  
Lake City, FL

Model Name / Number:  
**2508**

Plan Issue Date:  
Wednesday, July 03, 2024

KA PROJECT NUMBER:  
**24-08048**

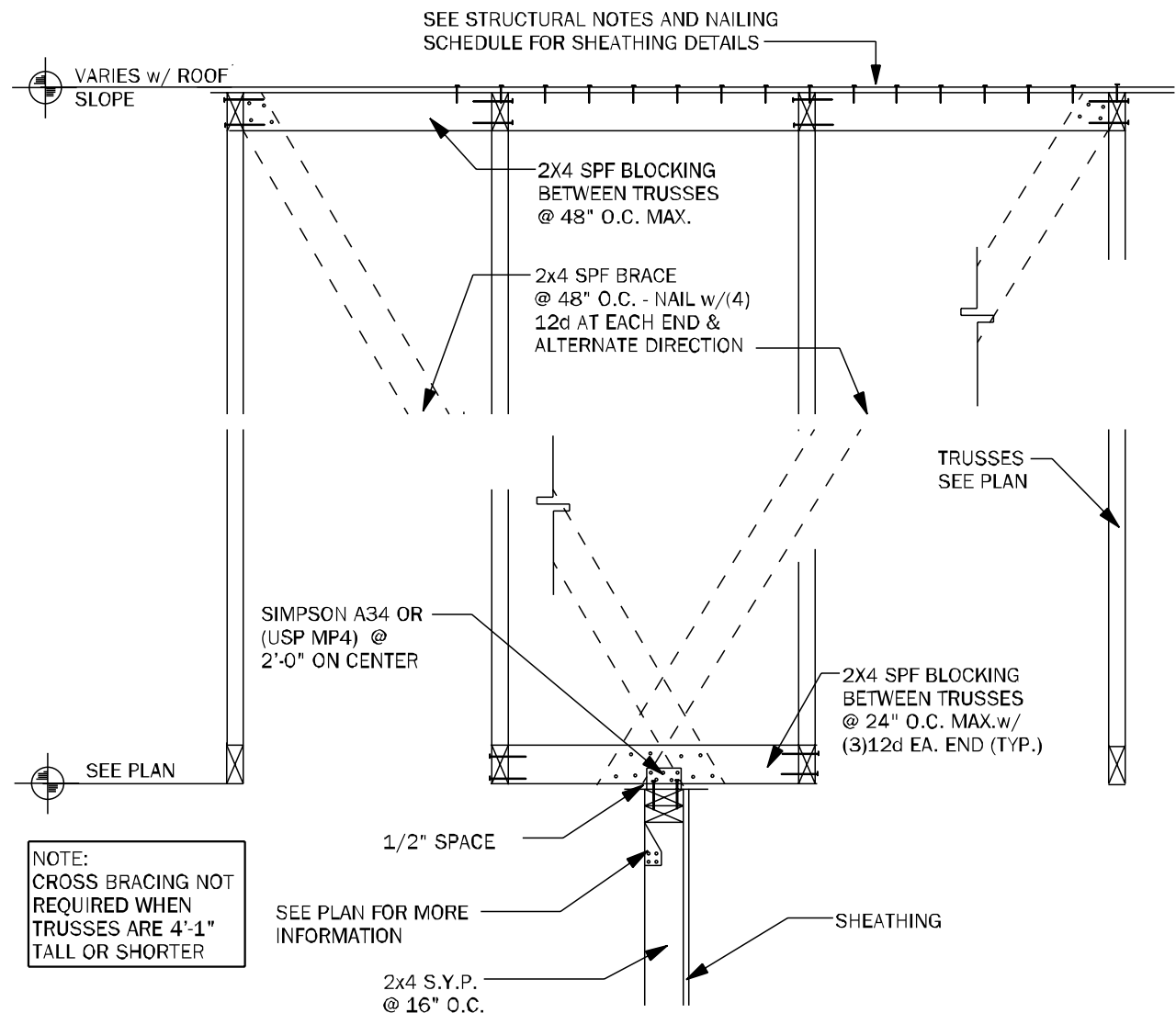
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ELEVATIONS

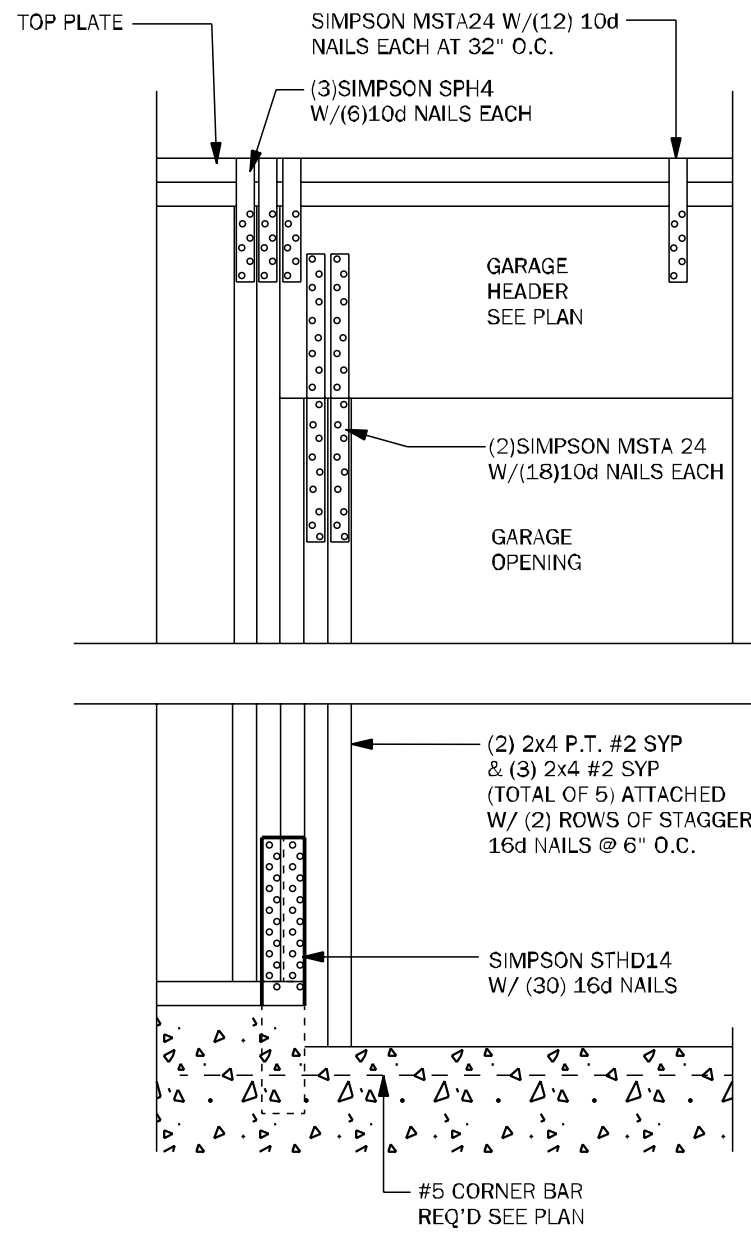




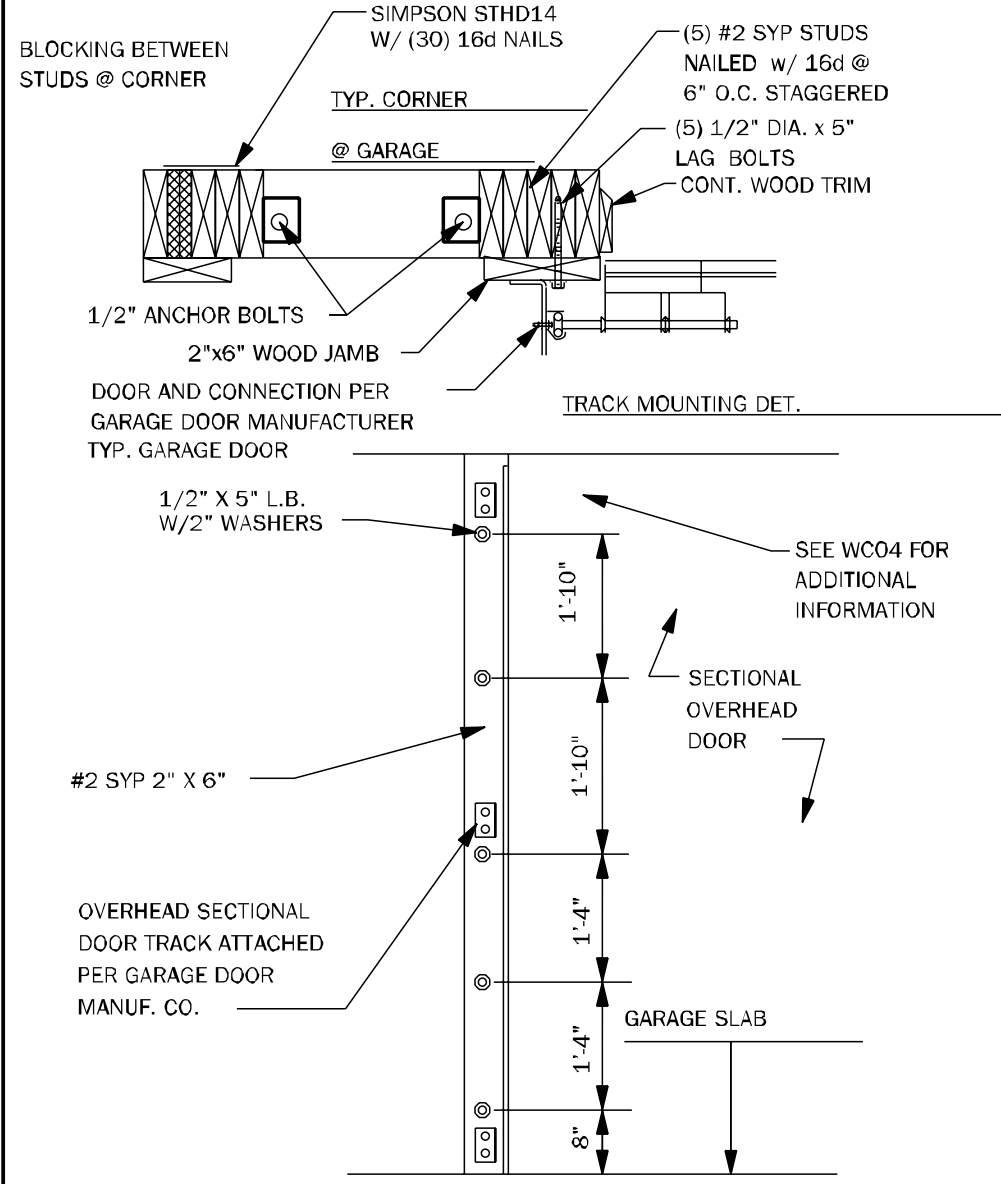




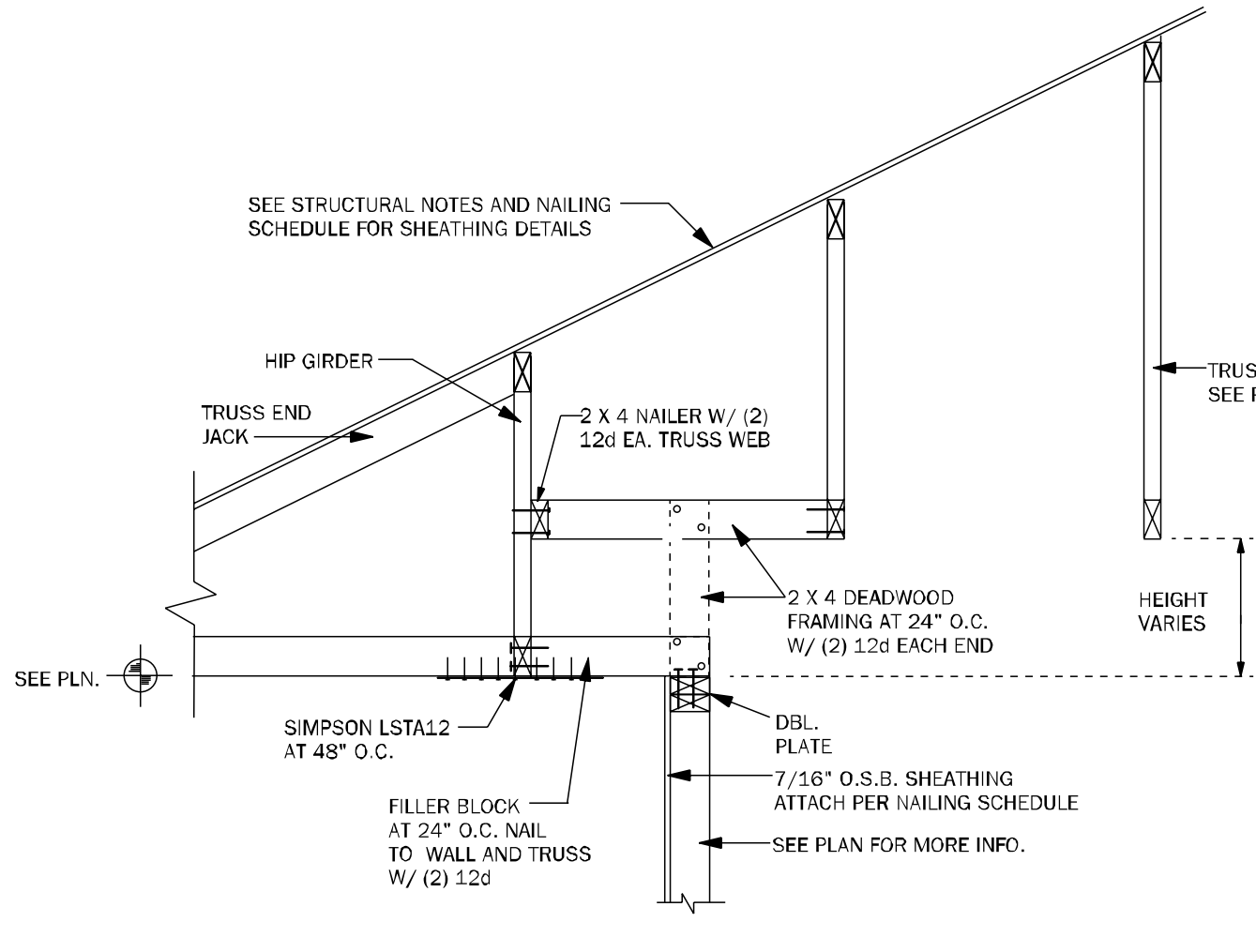
**TB15** EXTERIOR NON-BEARING WALL DETAIL N.T.S.



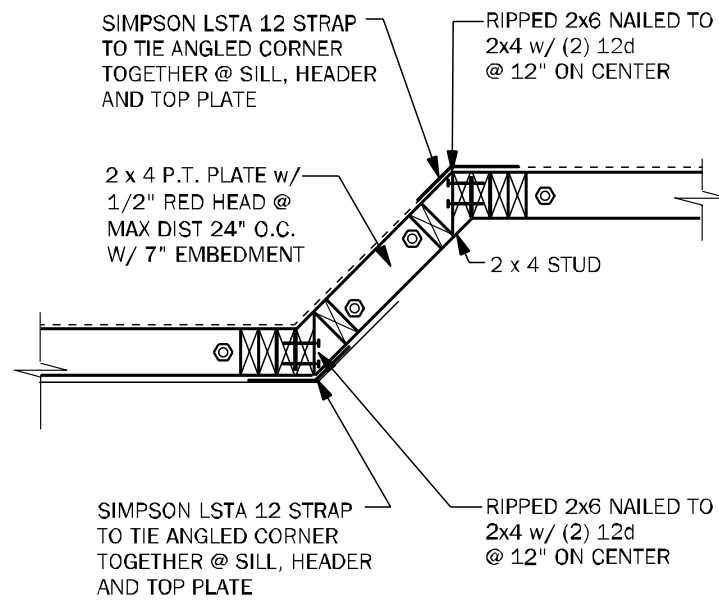
**WC04** GARAGE HEADER ANCHOR 3/4" = 1'-0"



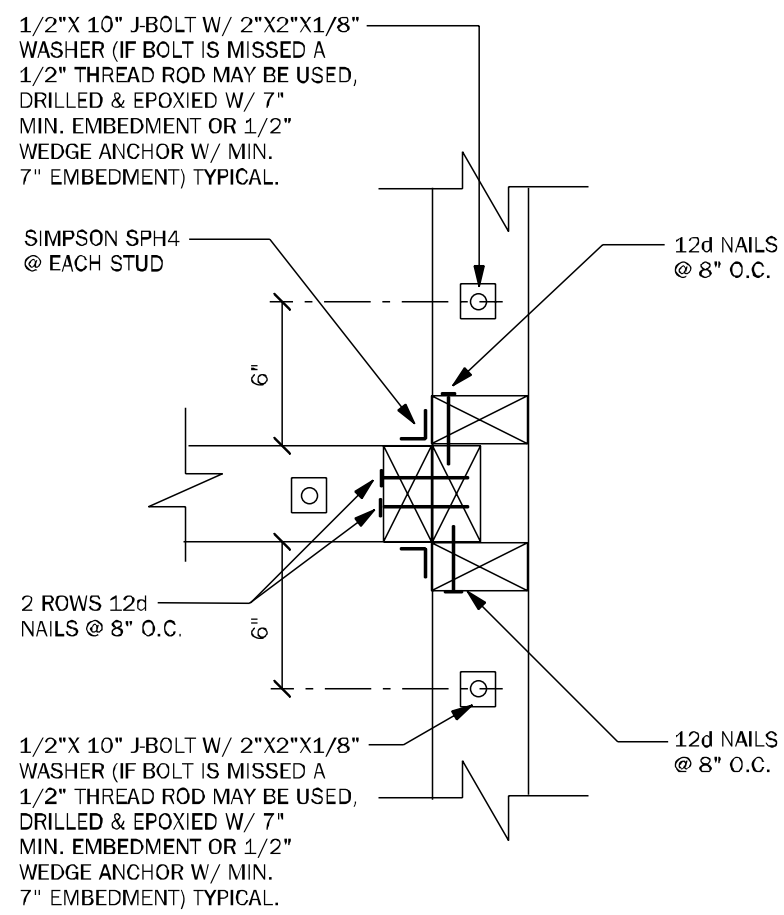
**WC05** SECT. OVERHEAD GAR. DOOR INSTALL N.T.S.



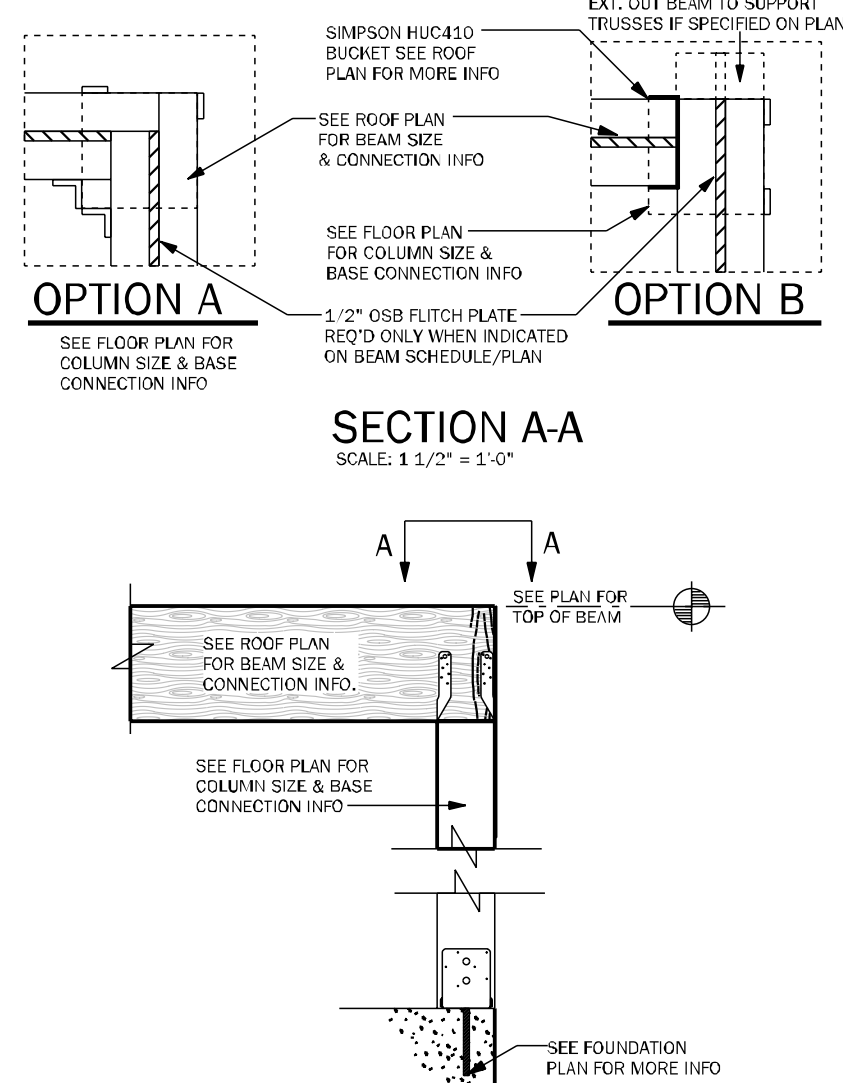
**WF64** EXTERIOR NON BRG. WALL DETAIL N.T.S.



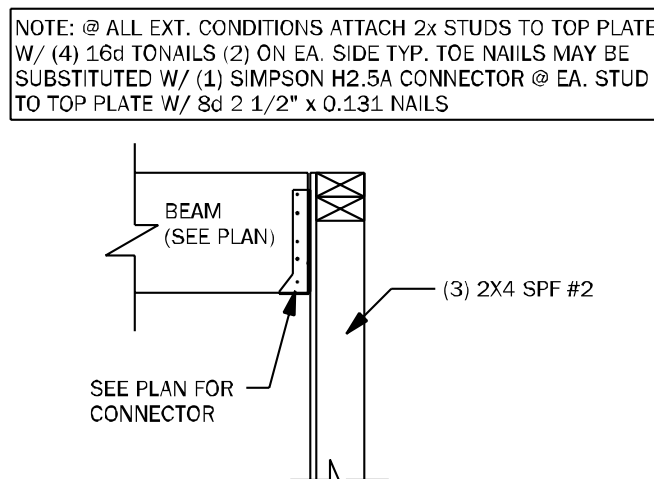
**WF43** EXTERIOR ANGLED WALL DETAIL N.T.S.



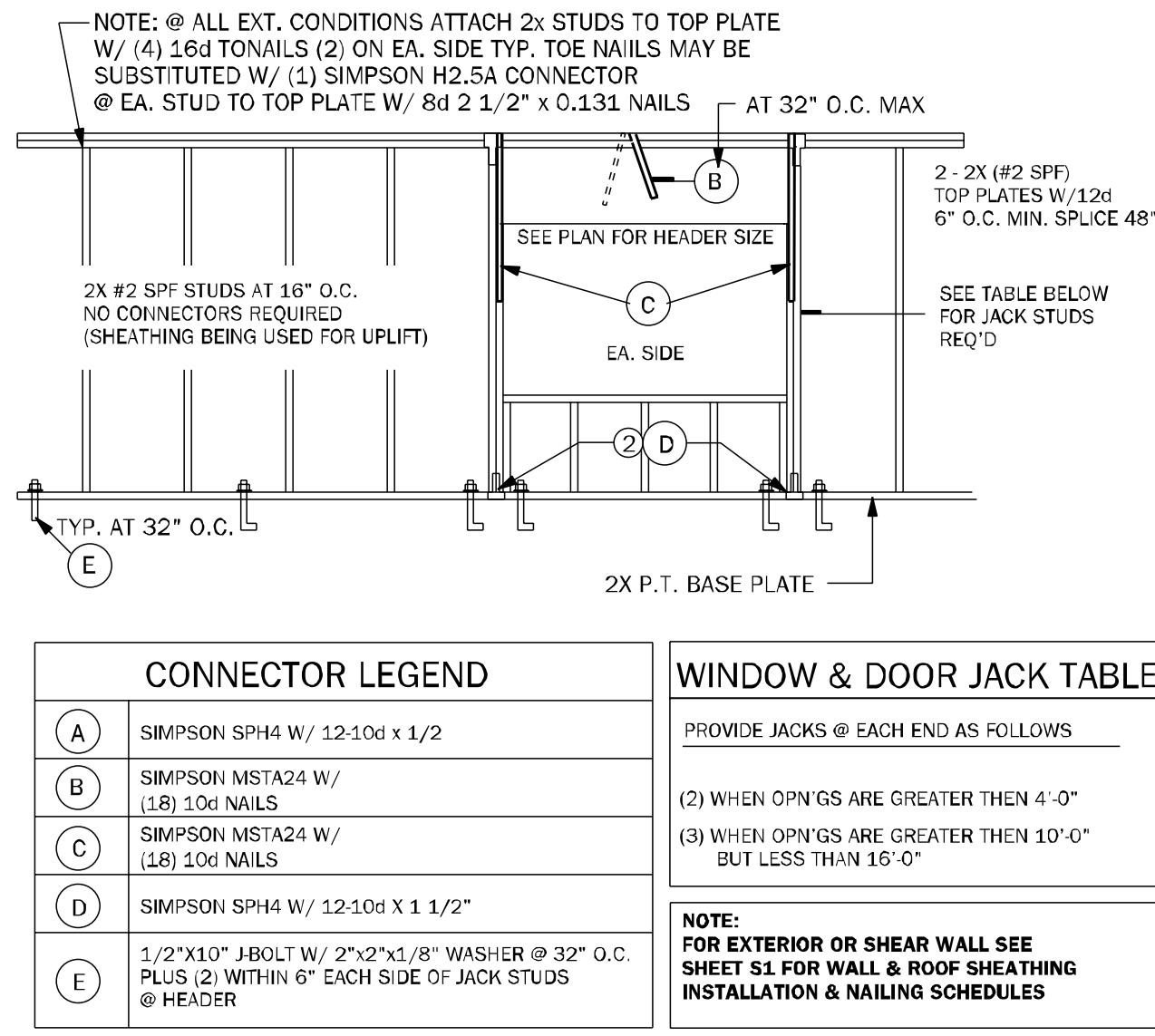
**WC03** WALL TO WALL CONN. @ END OF SHEARWALL 1 1/2" = 1'-0"



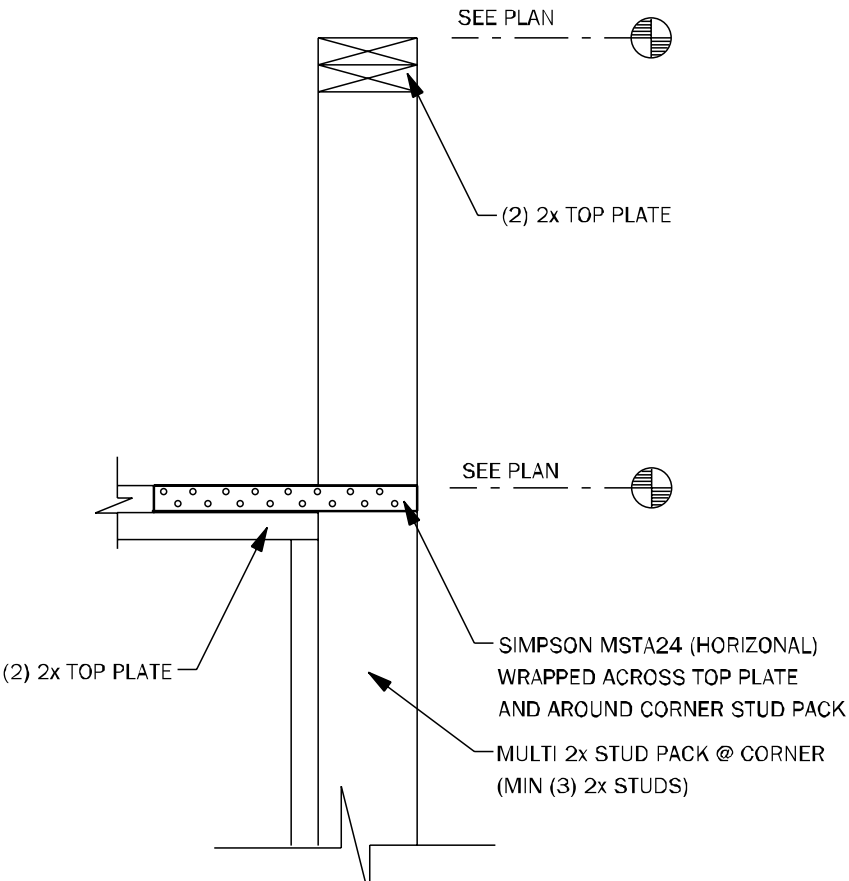
**CD11** COMMON BEAM ATTACHMENT N.T.S.



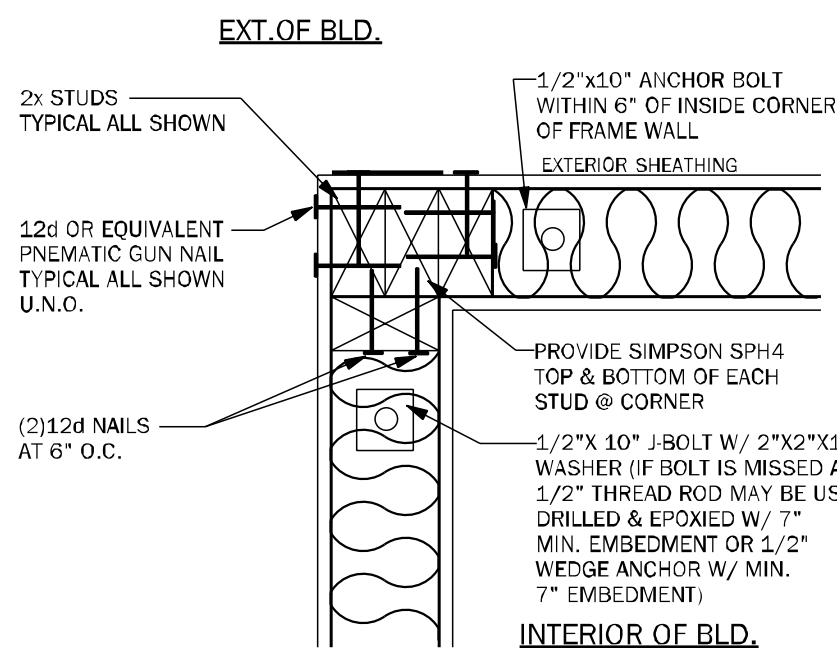
**CD25** BEAM TO WALL CONNECTION N.T.S.



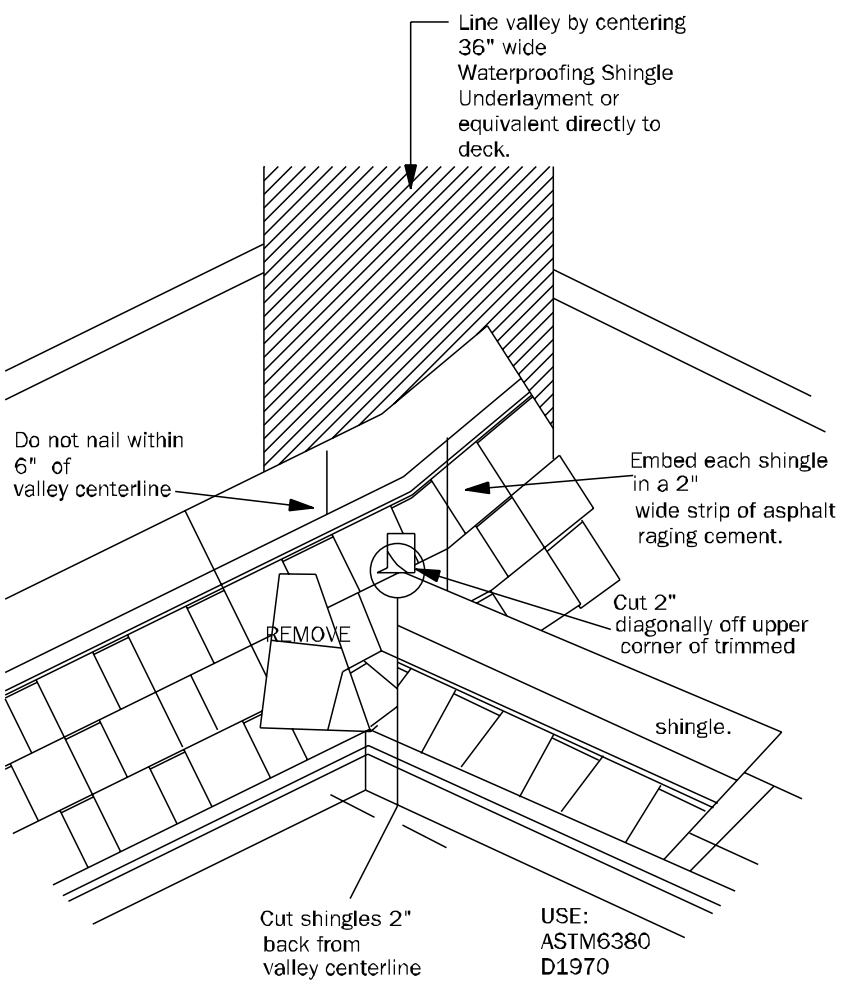
**WF66** TYPICAL BEARING WALL N.T.S.



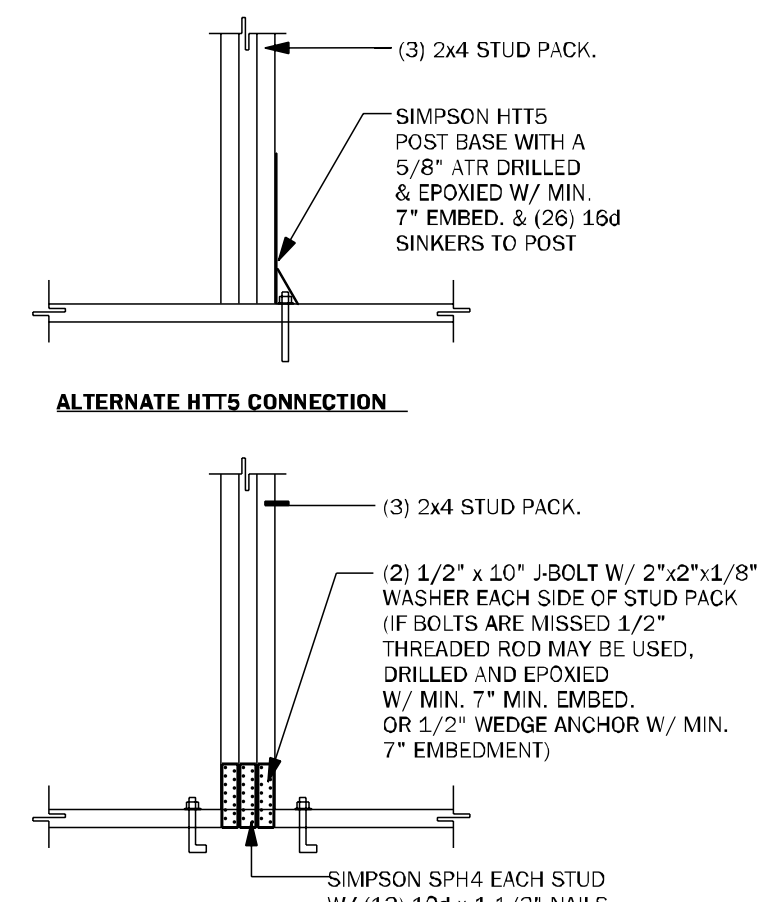
**WC09** WALL STEP @ CORNER N.T.S.



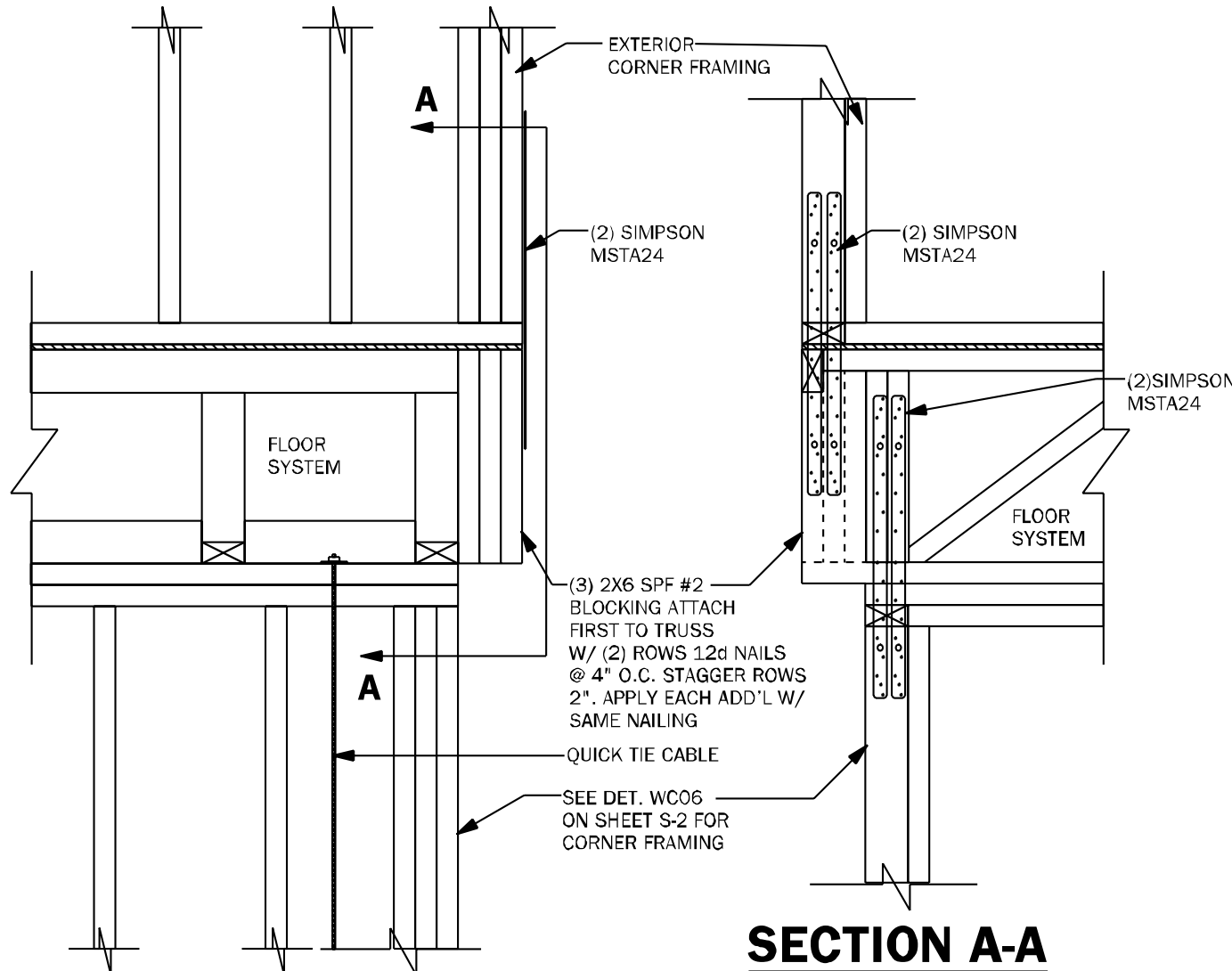
**WC06** EXTERIOR FRAME CORNER 3/4" = 1'-0"



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



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



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

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PENSACOLA FL 32502

**DIVISION LOCATION:**  
GAINESVILLE

**Job Information:**

**Model Name / Number:**  
2508

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**Sheet:**  
S-2

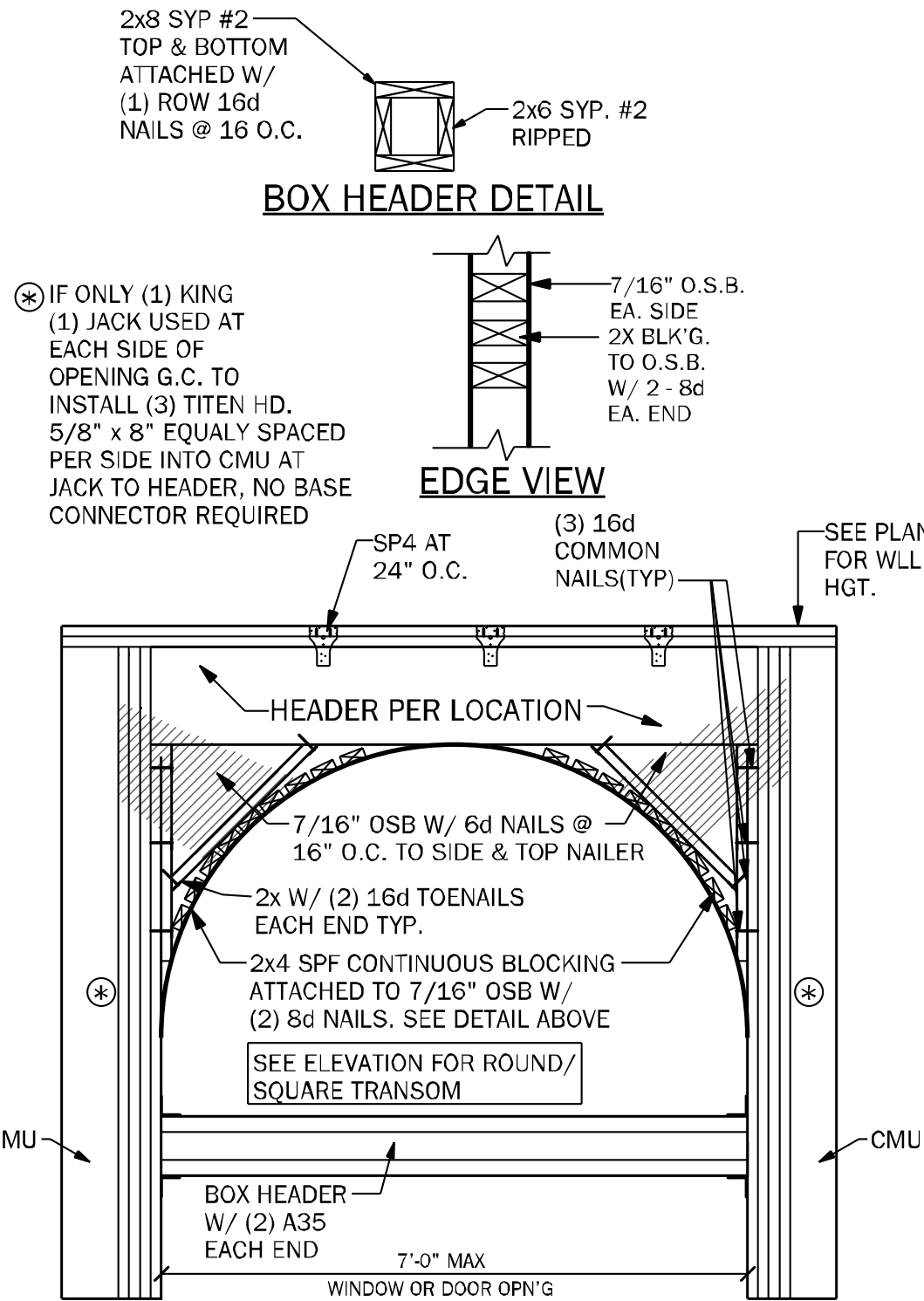
**Of:**  
TYPICAL FRAMING DETAILS

**INVENTORY**

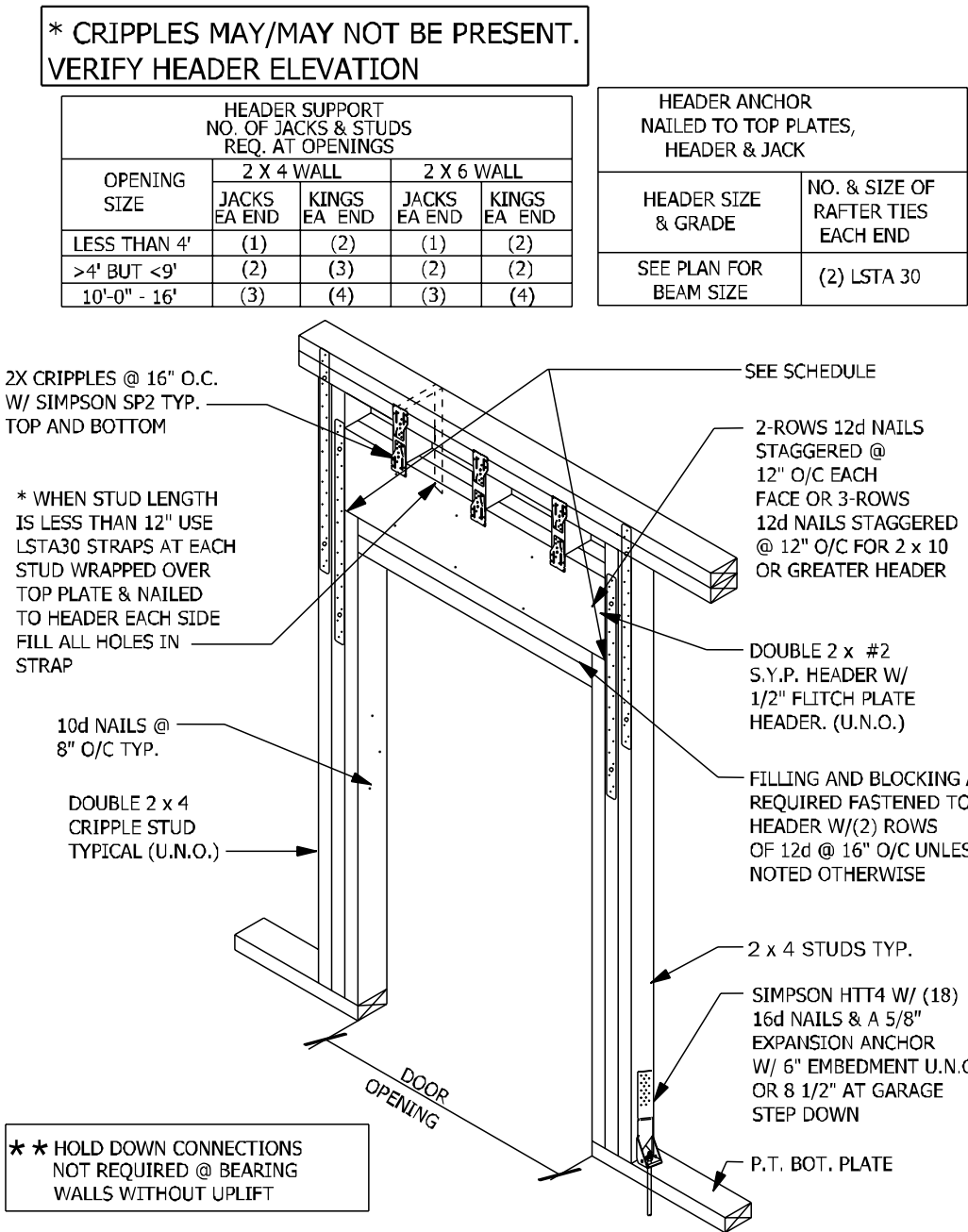
**LOT: 142**  
**BLK:**  
**SEC:**  
**SUB:** Preserve of Laurel Lake  
S.W. Rosemary Dr.  
Lake City, FL

**Wednesday, July 03, 2024**

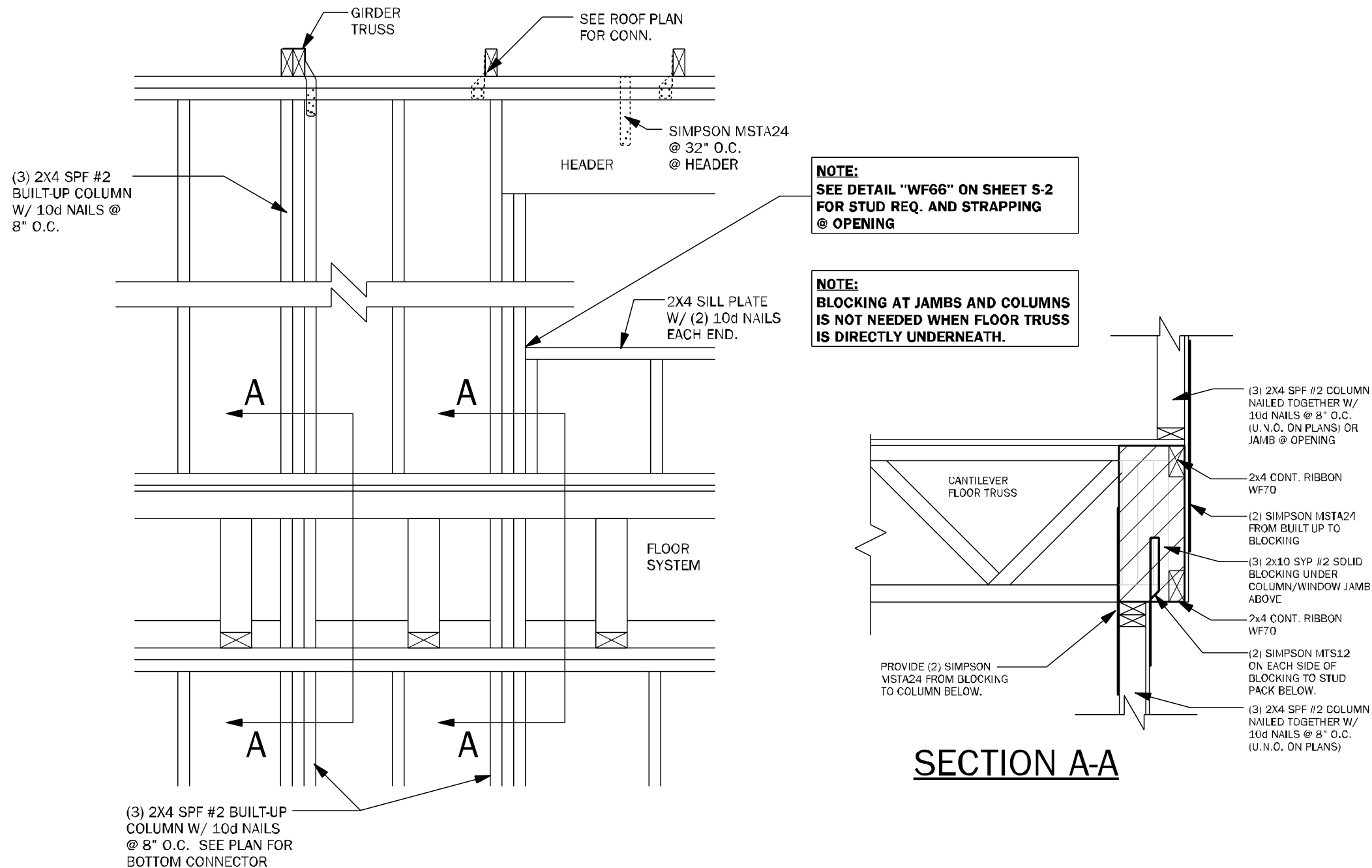




**WF39** TRANSOM DETAIL AT ENTRY 1/2" = 1'-0"



**WF09** WALL HEADER DETAIL N.T.S.



**WF67** WALL FRAMING 3/4" = 1'-0"

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Wednesday, July 03, 2024

To the best of the Engineer's knowledge, information, and belief, the preparation of these drawings and specifications was done in accordance with the professional engineering laws and regulations of the State of Florida, and the Engineer is not providing any warranty or representation other than that the drawings and specifications were prepared in accordance with the professional engineering laws and regulations of the State of Florida.

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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: 142  
BLK:  
SEC:  
SUB: Preserve of Laure Lake  
S.W. Rosemary Dr.  
Lake City, FL

**Model Name / Number:**

**2508**

**Plan Issue Date:**

Wednesday, July 03, 2024

**KA PROJECT NUMBER:**

**24-08048**

Sheet: **S-2.1** Of:

**TYPICAL FRAMING  
DETAILS**

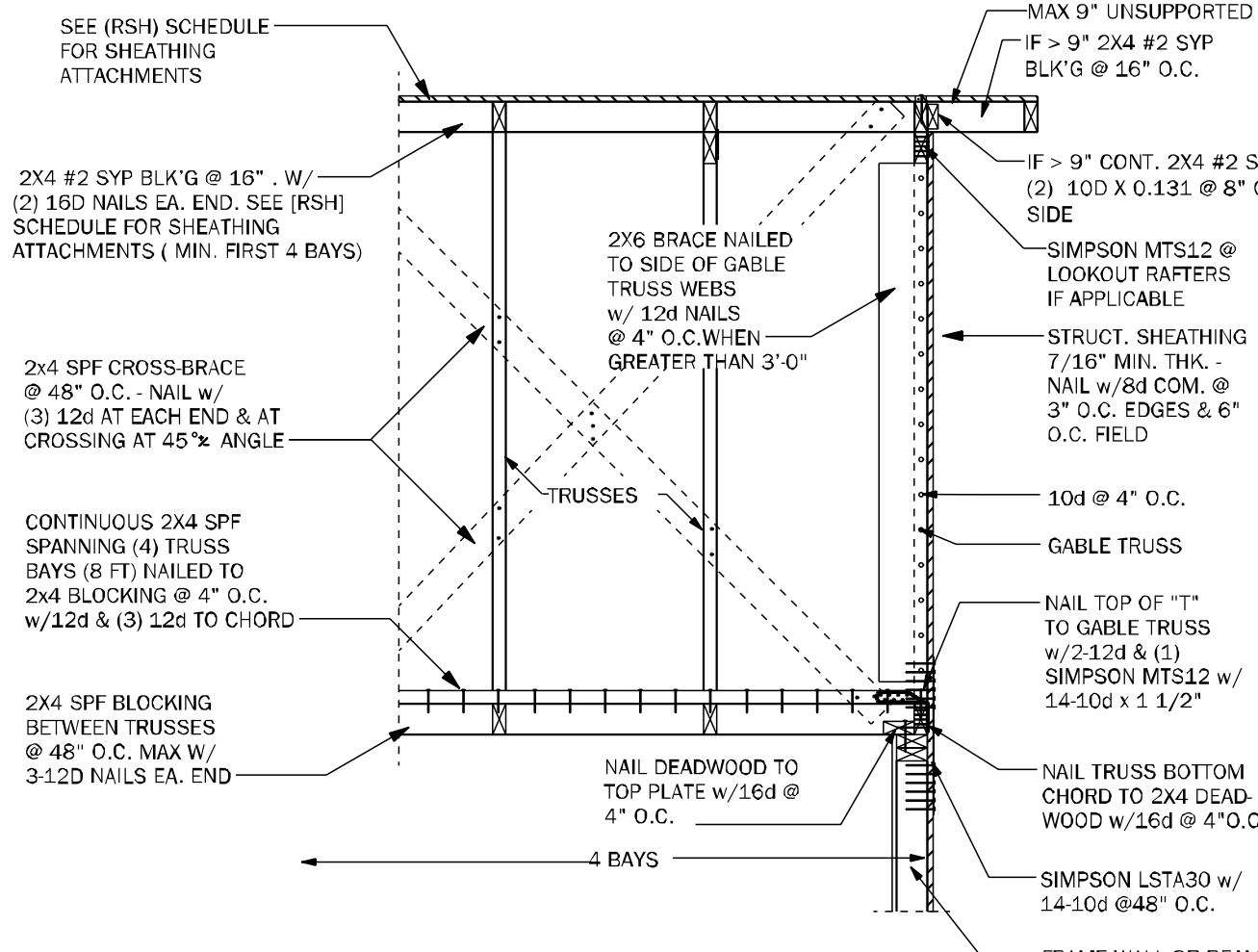




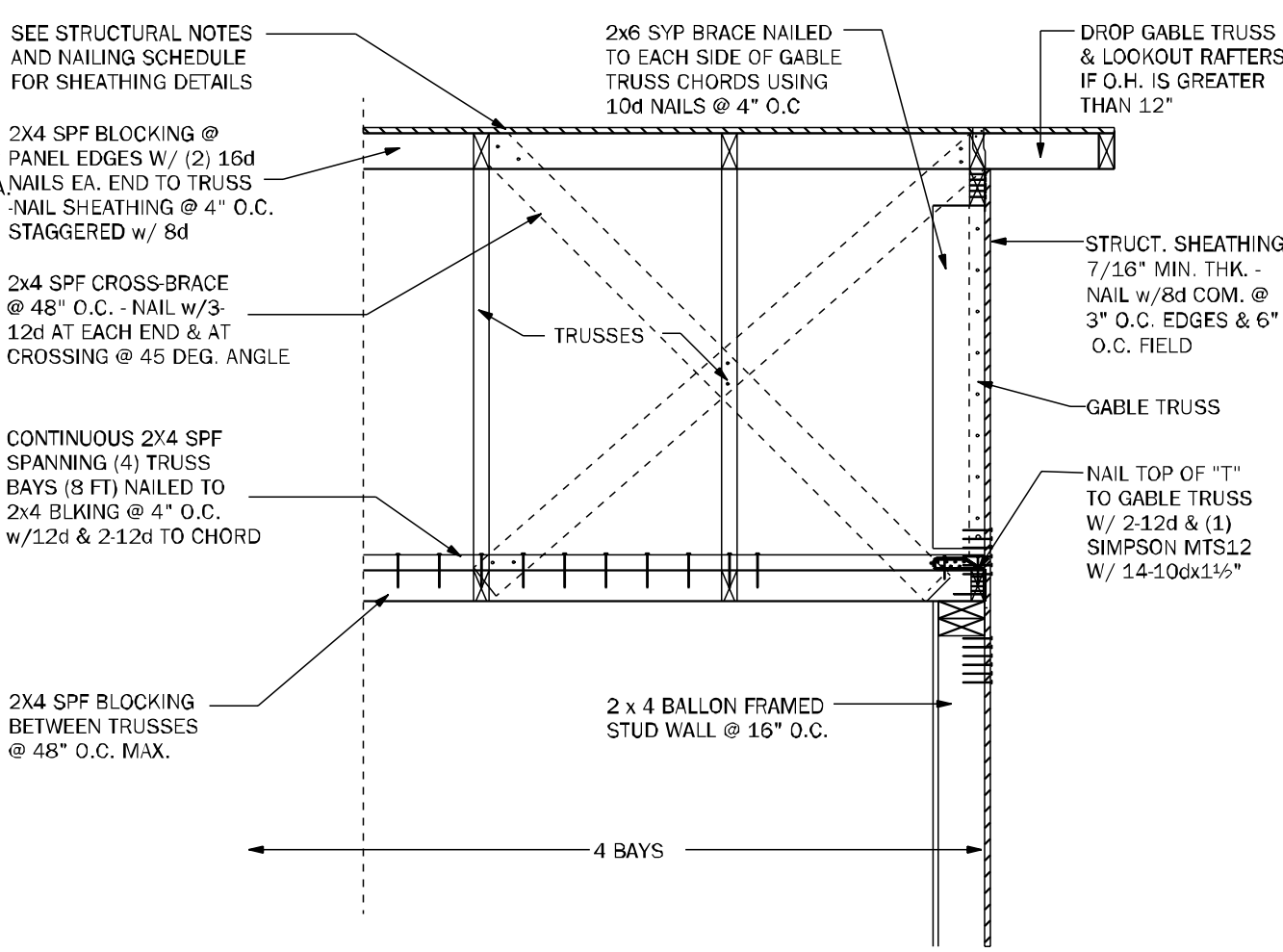




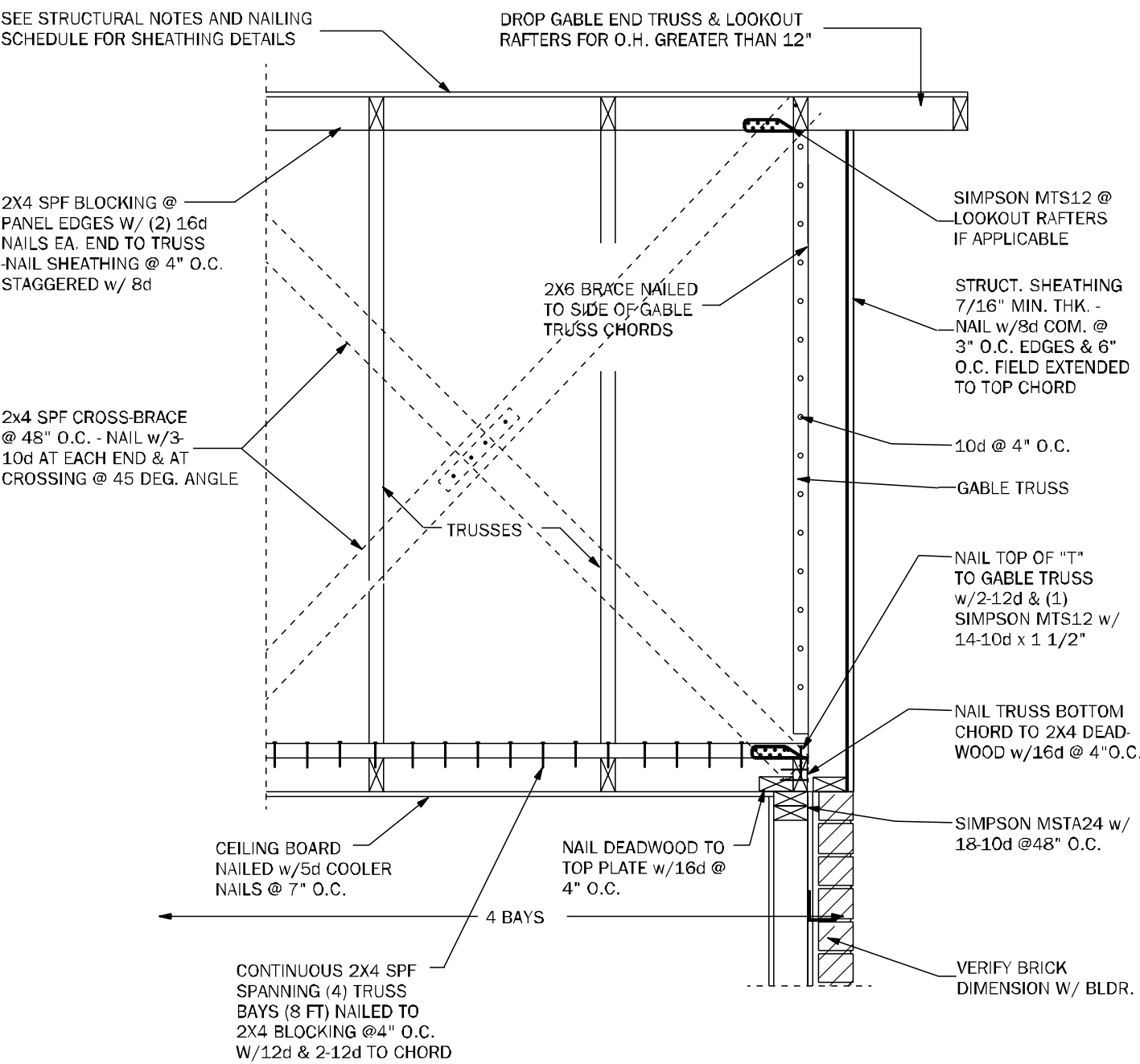




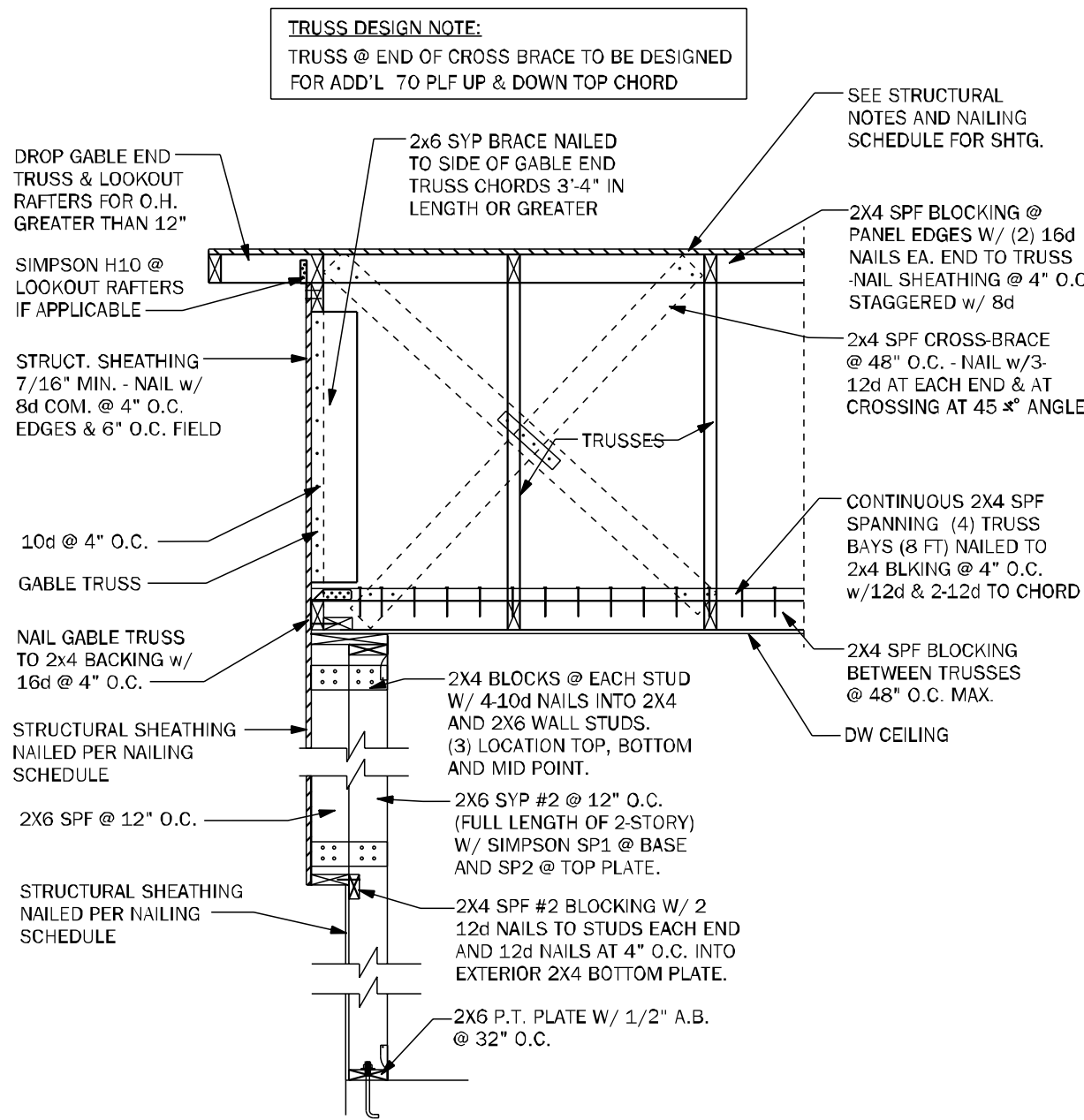
**GE05** GABLE END BRACING - FRAME WALL N.T.S.



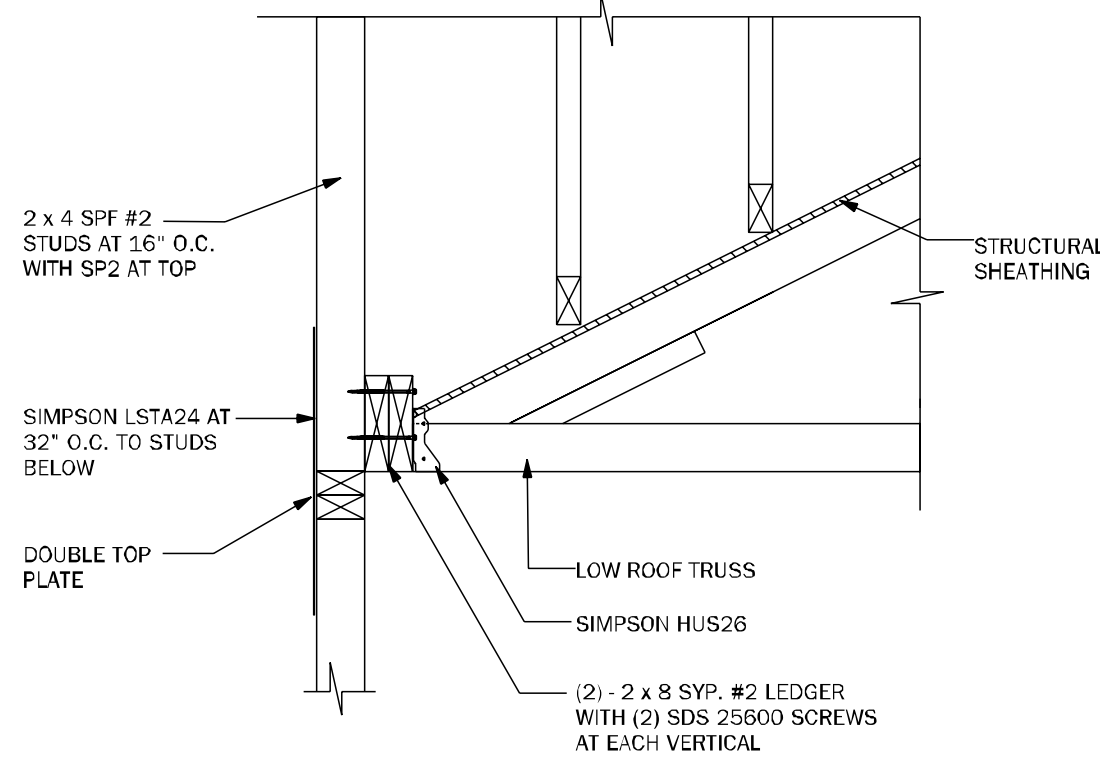
**GE22** GABLE END BRACING w/ VOL CEILING 1/2"=1'-0"



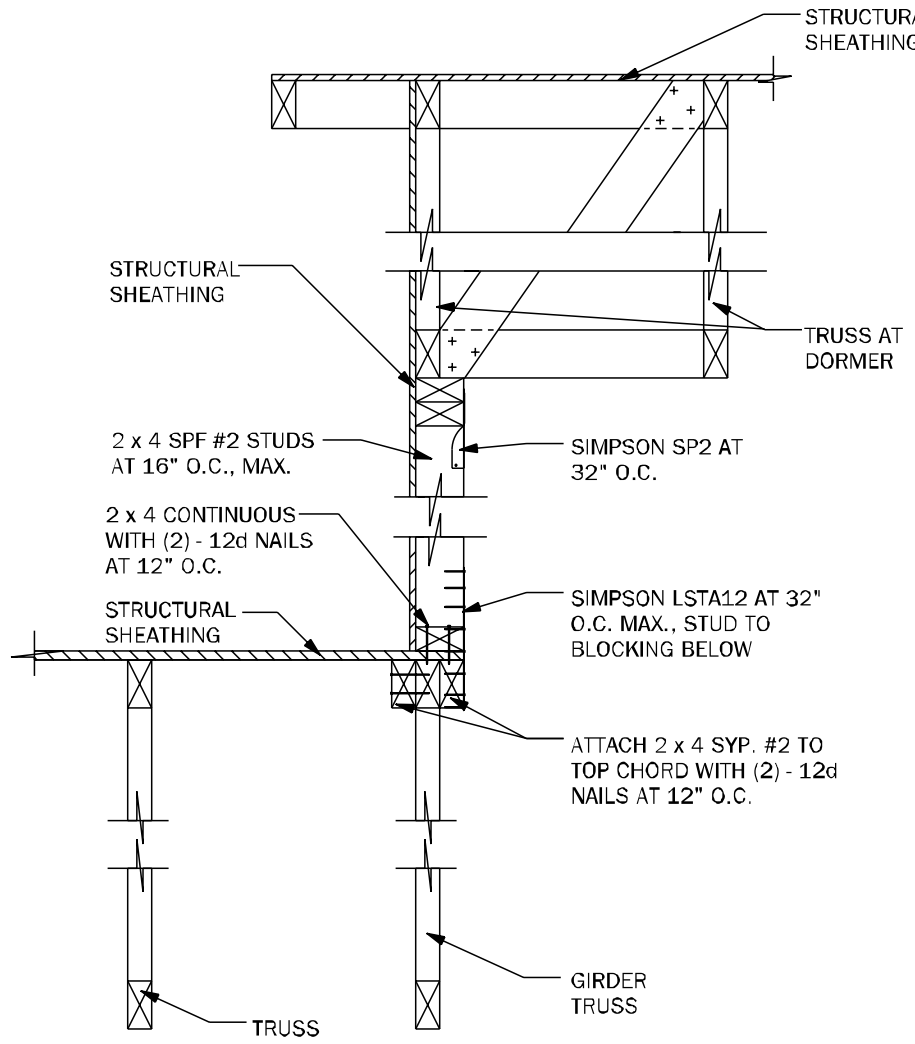
**GE23** GABLE END BRACING w/o VOLUME CEILING 1/2"=1'-0"



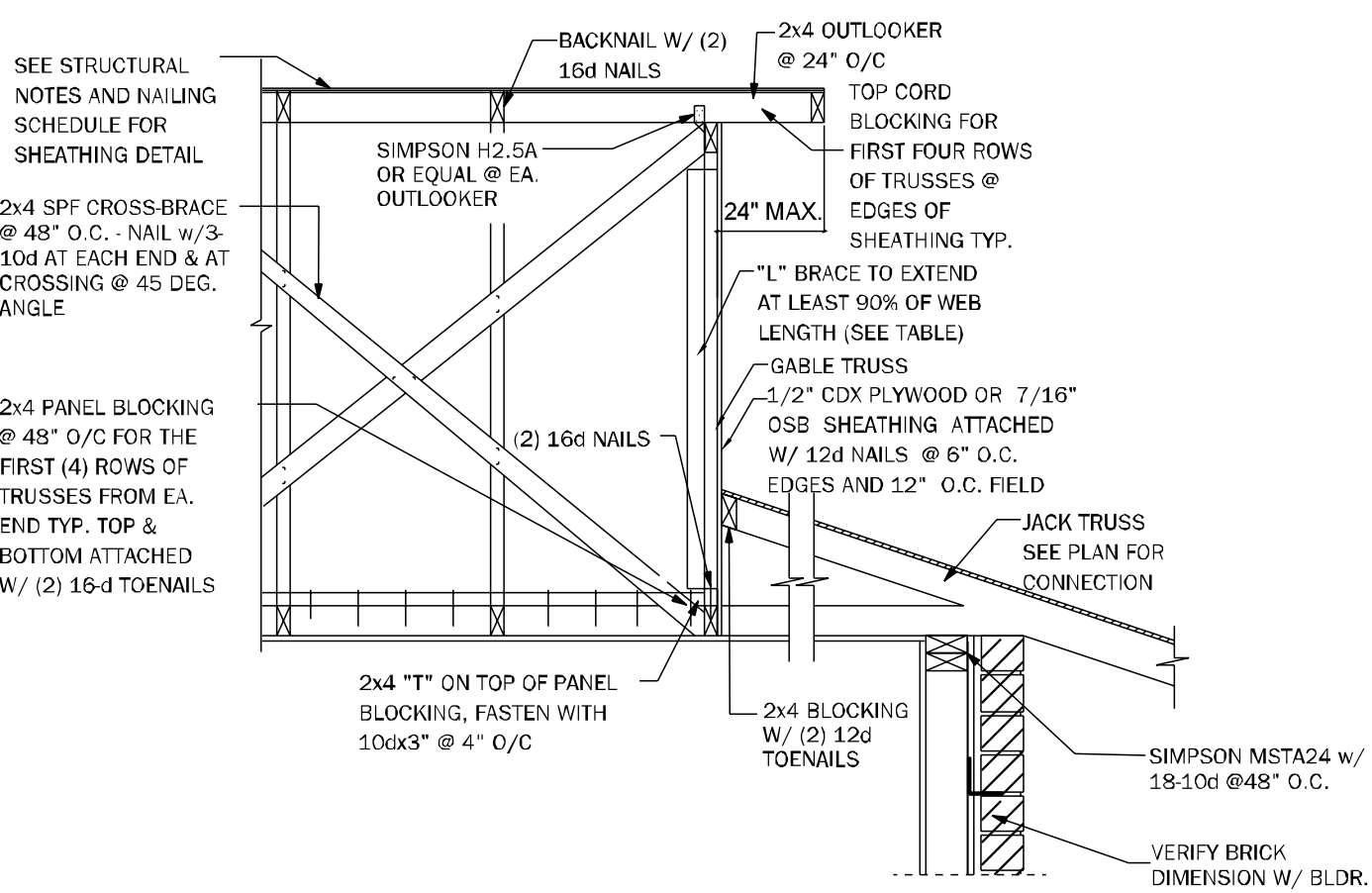
**GE24** GABLE @ VAULT N.T.S.



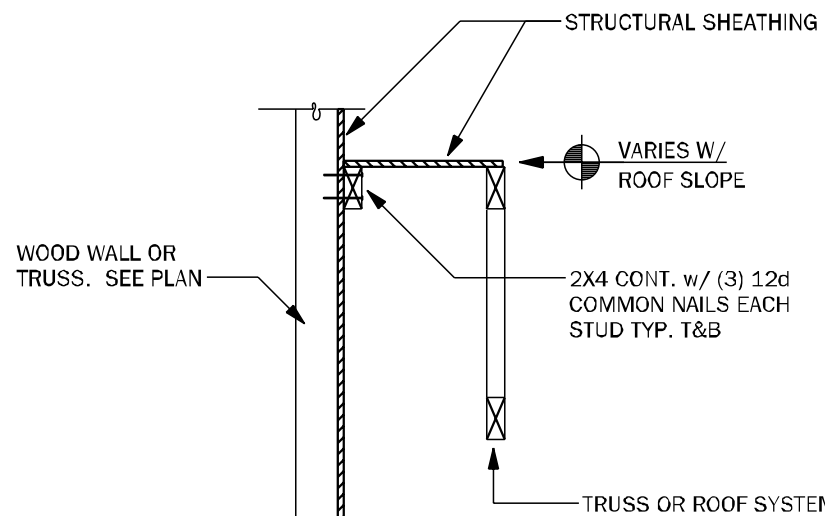
**WF72** LEDGER N.T.S.



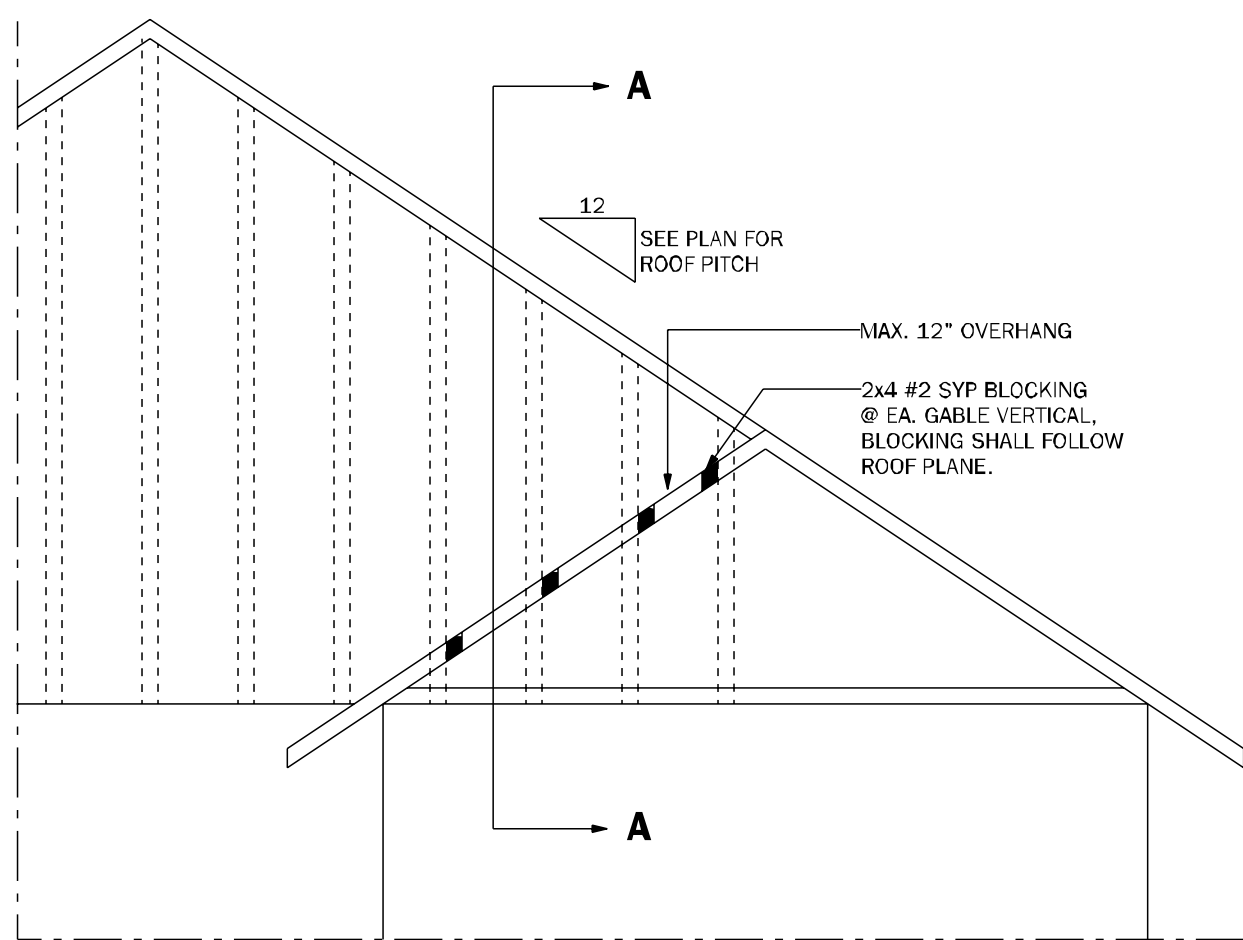
**WF73** KNEEWALL @ DORMER N.T.S.



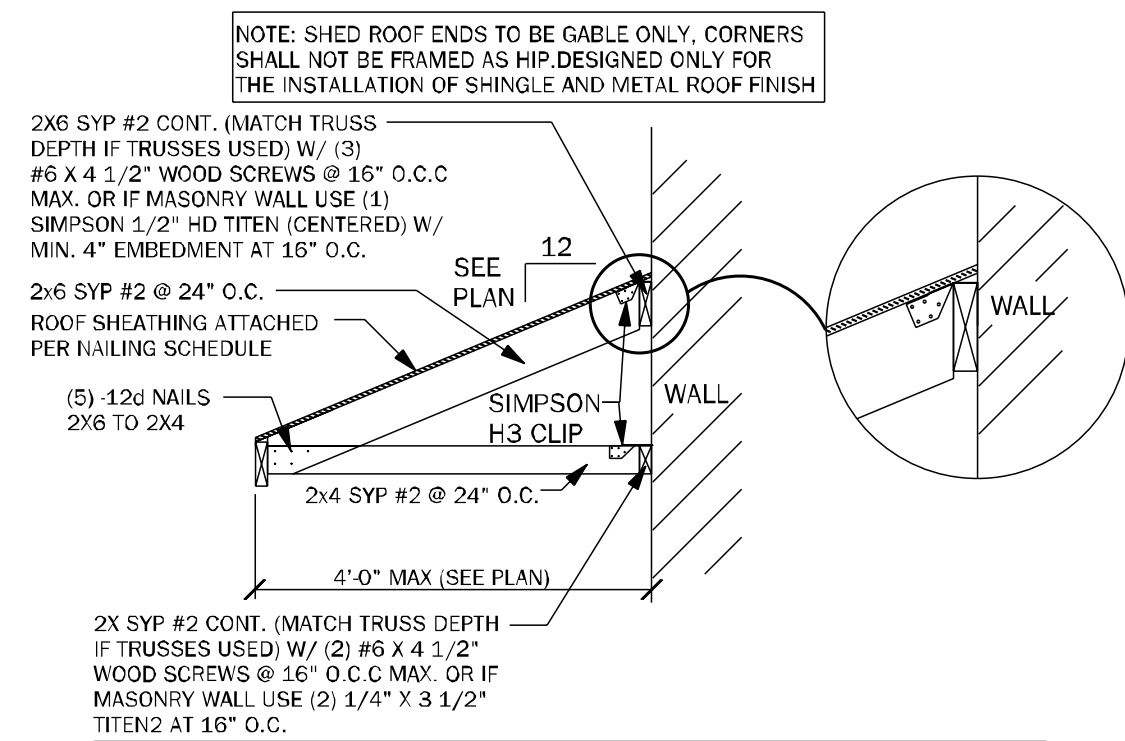
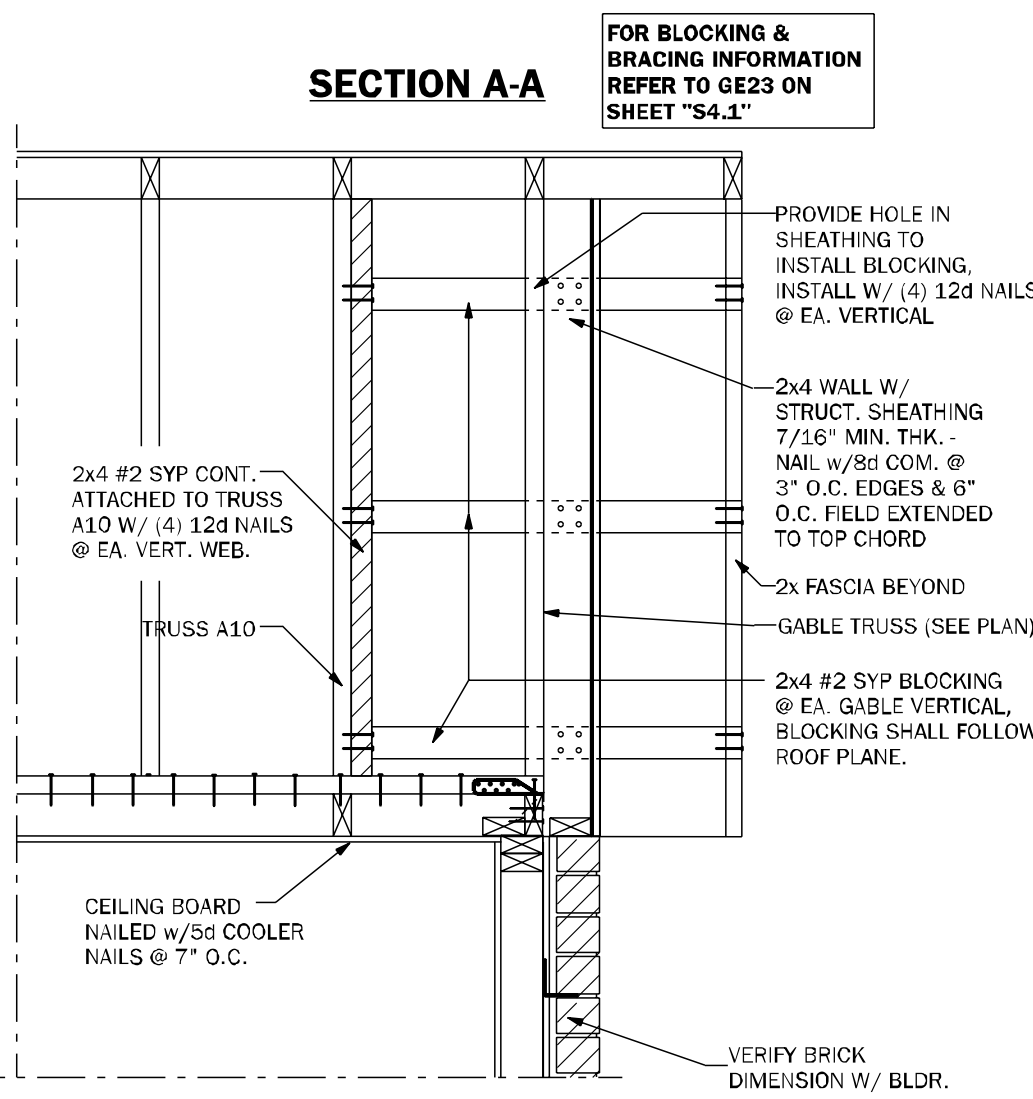
**GE21** SECTION @ DUTCH GABLE 3/4" = 1'-0"



**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

Wednesday, July 03, 2024

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 responsibility is limited to the design and construction of the project as shown on the drawings and as approved by the local authority having jurisdiction.

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

**DIVISION LOCATION:**  
GAINESVILLE

**Job Information:**

**Model Name / Number:**  
2508

**Plan Issue Date:**  
Wednesday, July 03, 2024

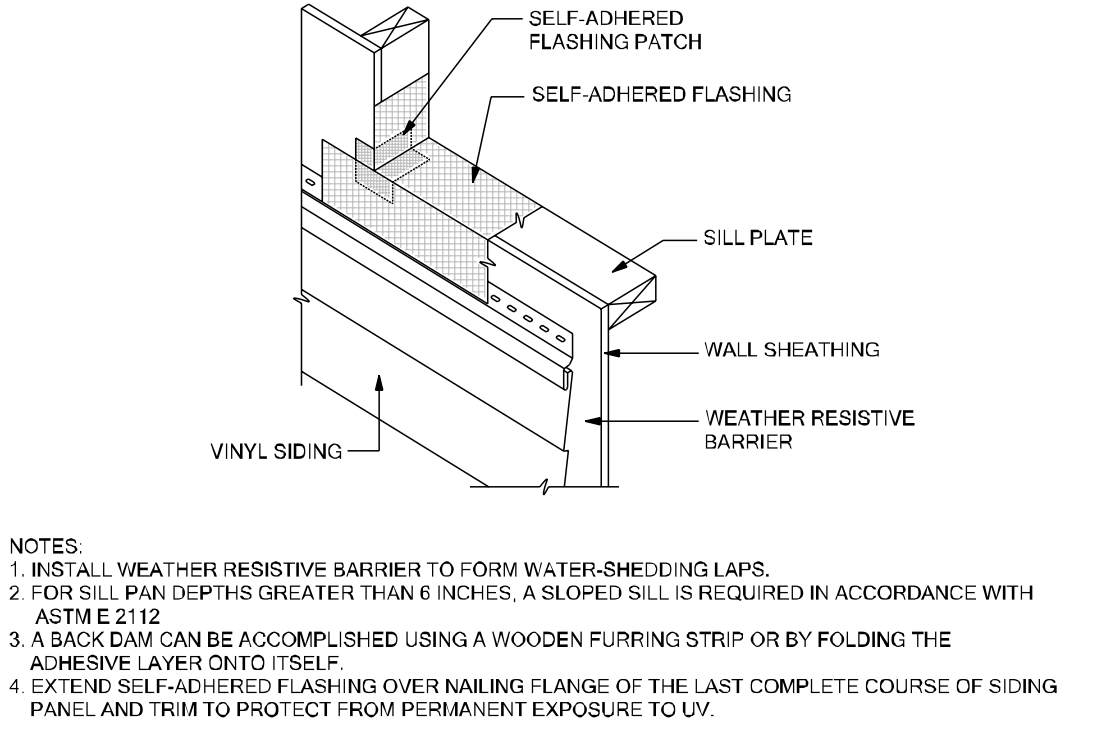
**KA PROJECT NUMBER:**  
24-08048

**Sheet:**  
S-4.1

**Of:**  
01

**ROOF FRAMING AND BRACING DETAILS**





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.

## FLASHING REQUIREMENTS

R703.1 GENERAL. EXTERIOR WALL SHALL PROVIDE THE BUILDING WITH A WEATHER-RESISTANT EXTERIOR WALL COVERING. 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 INTRUSION INTO THE EXTERIOR WALL ASSEMBLY. AN EXTERIOR WALL COVERING IS DESCRIBED AS AN ASSEMBLY OF MATERIALS OR OTHER EXTERIOR WALL FINISHES, SUCH AS SIDING, CLADDING, OR STUCCO, 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.

R203.2 WATER-RESISTIVE BARRIER. ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING WITH ASTM D226 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 OF DESIGNED DRAINAGE SPACE.

R703.4 FLASHING. APPROVED CORROSION-RESISTANT FLASHING SHALL BE APPLIED SINGLE-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, ELASTOMERIC FLASHING SHALL BE USED TO SEAL PENETRATIONS THROUGH THE EXTERIOR WALLS. FLASHING SHALL BE APPLIED TO THE JUNCTURE WITH THE BUILDING WALL WITH A SEALANT COMPLYING WITH AMMA 800 OR ASTM C920 CLASS 25 GRADE NS OR GREATER FOR PROPER JOINT EXPANSION AND CONTRACTION, ASTM C1283, AMMA 812, OR OTHER APPROVED STANDARD AS APPROPRIATE FOR THE TYPE OF SEALANT. FLUID-APPLIED MEMBRANES USED AS FLASHING IN EXTERIOR WALLS SHALL COMPLY WITH AMMA 714. THE FLASHING SHALL BE APPLIED 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 OPENING SHALL BE INSTALLED IN ACCORDANCE WITH ONE OR MORE OF THE FOLLOWING:
  - 1.1 THE PENETRATION MANUFACTURER'S INSTALLATION AND FLASHING INSTRUCTIONS, OR FOR APPLICATIONS NOT ADDRESSED IN THE PENETRATION MANUFACTURER'S INSTRUCTIONS, IN ACCORDANCE WITH THE FLASHING MANUFACTURER'S INSTRUCTIONS, WHEN FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED, PAN FLASHING SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DRECT 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 OR BOTH SIDES UNDER STUCCO CORNICES.
3. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL CORNICES 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.

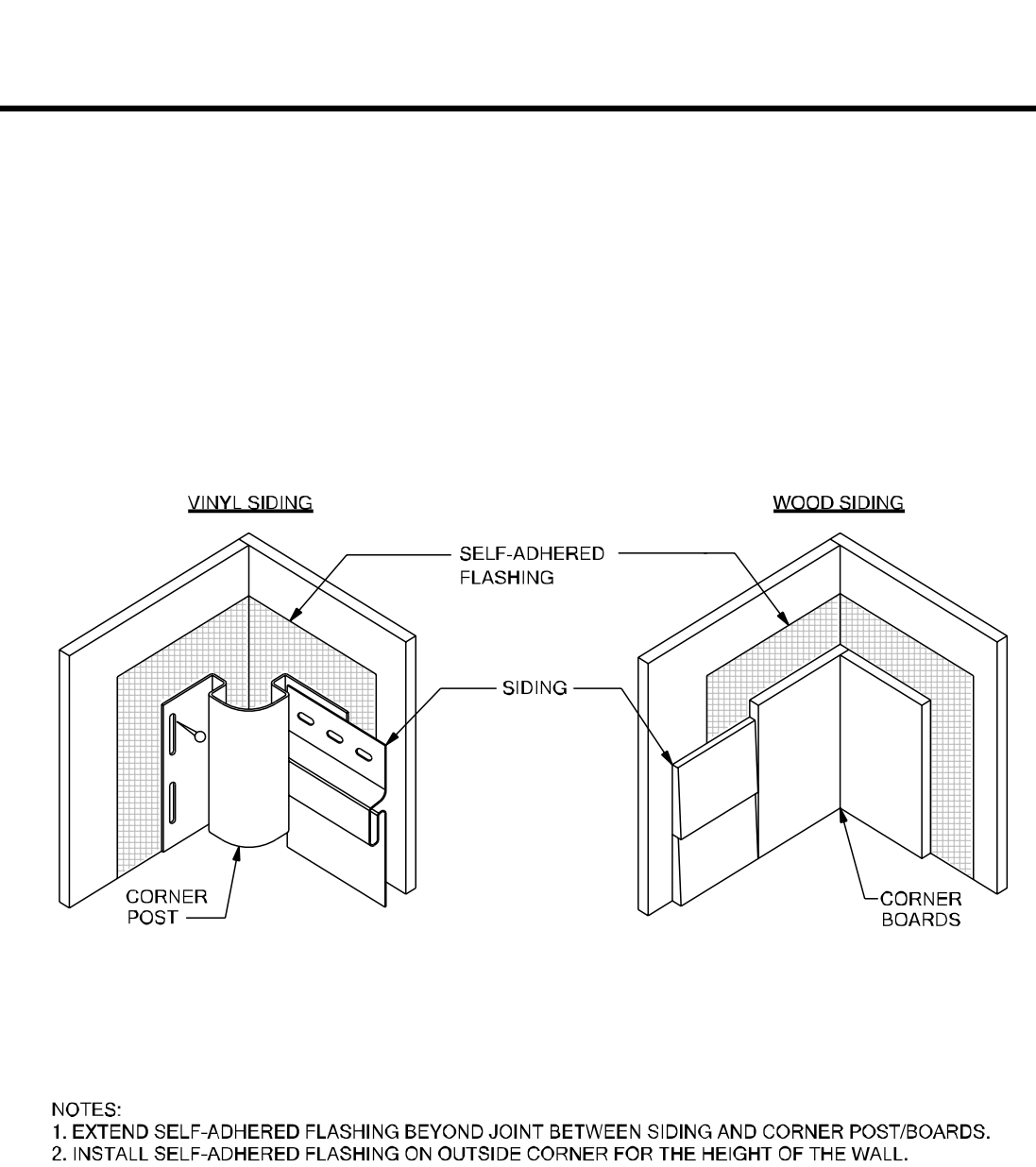
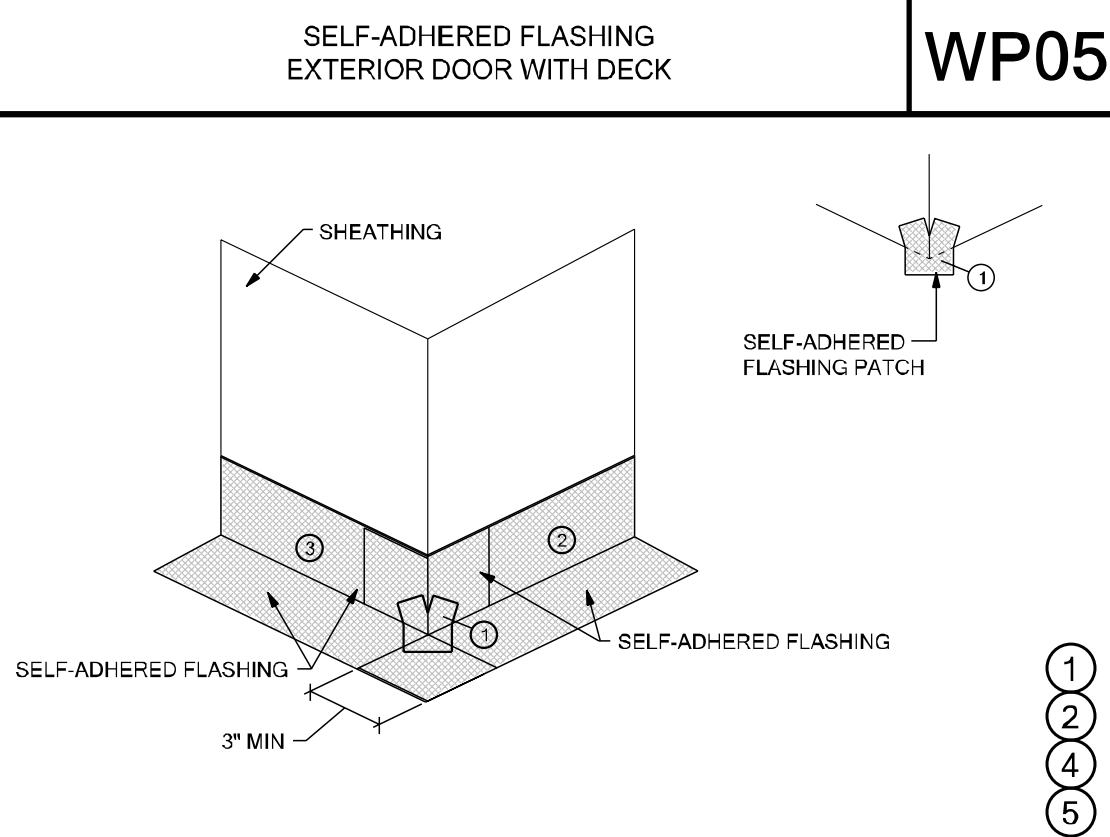
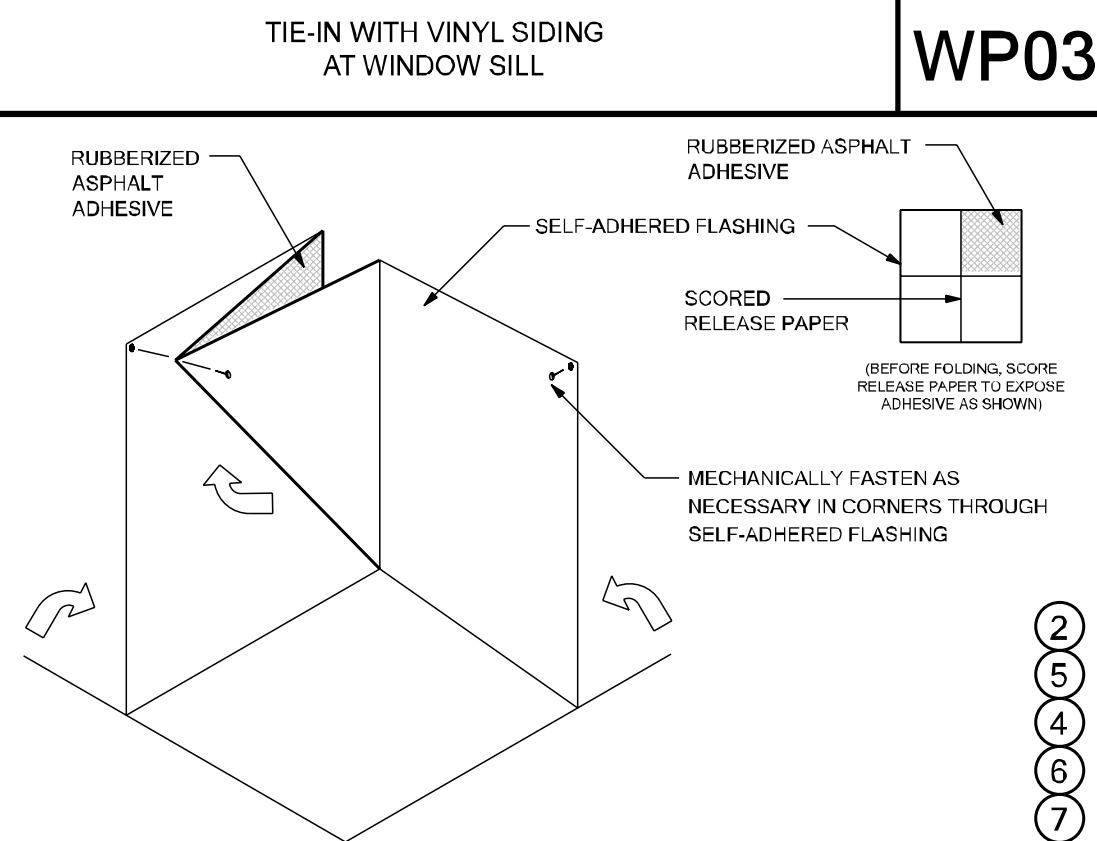


FIGURE 1: FLASHING INSTALLATION

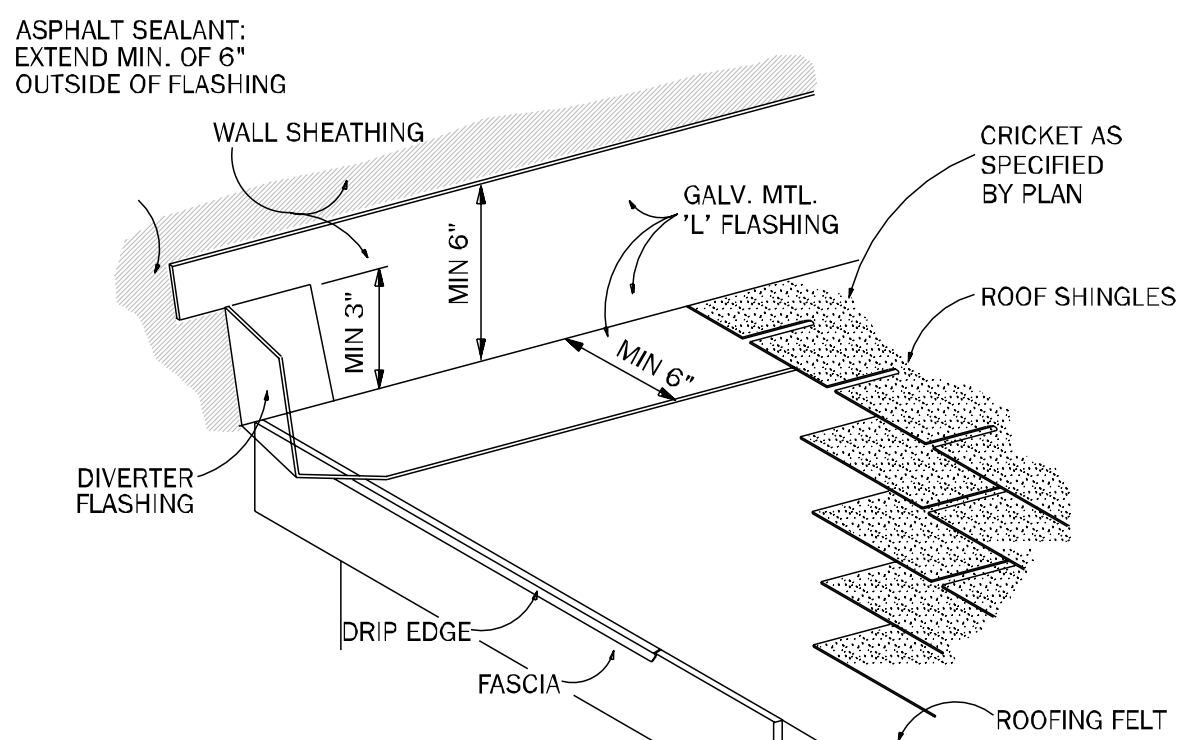
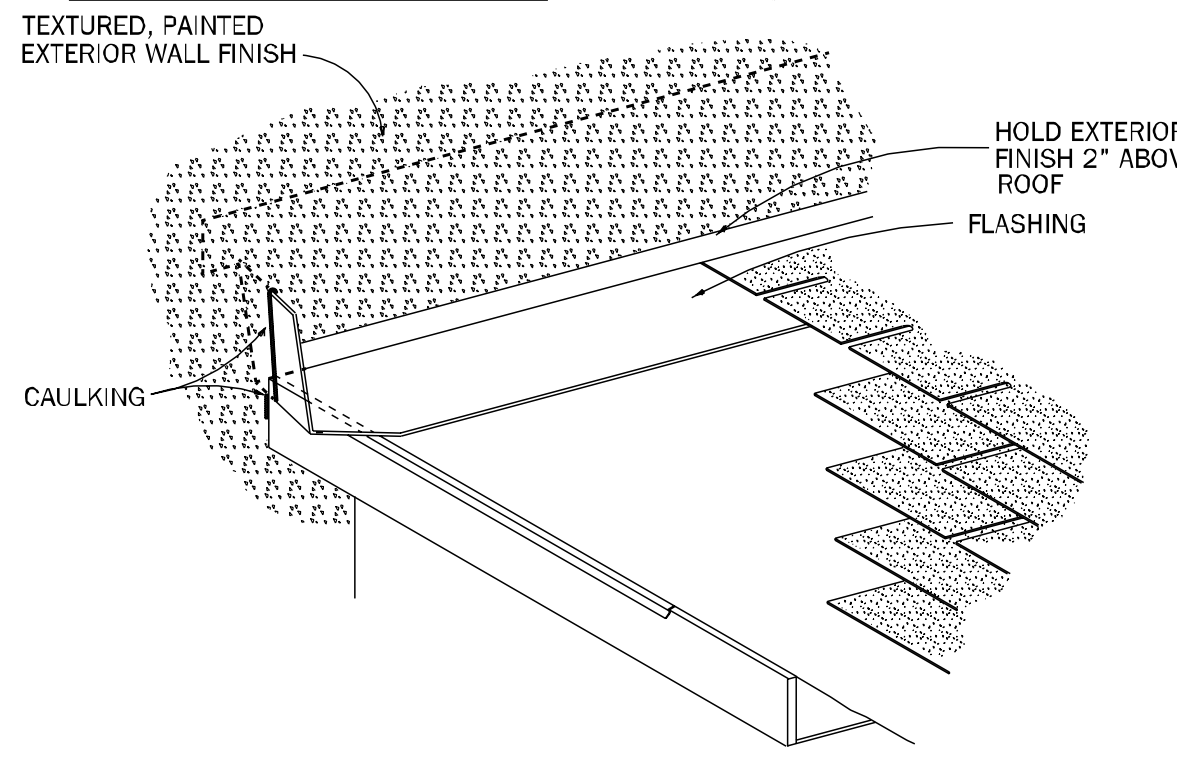
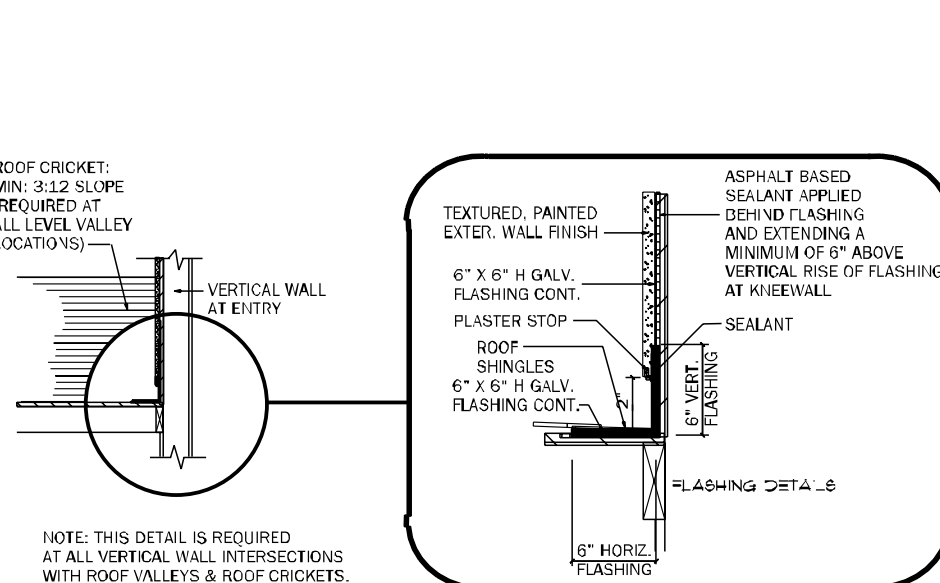


FIGURE 2: WALL FINISH



### FIGURE 3: CORNER DETAIL



Wednesday: July 03, 2024



FLORIDA CONTRACTORS LICENSE NO. CRC133014  
**100 WEST GARDEN STREET  
 PENSACOLA FL 32502**

**DIVISION LOCATION:**  
GAINESVILLE

#### ▼ Job Information:

**INVENTORY**

**LOT:** 142

**BLK:**

**SEC:**

**SUB:** Preserve of Laurel Lake

S.W. Rosemary Dr.  
Lake City, FL

▼ Model Name / Number:

2508

▼ Plan Issue Date:

Wednesday, July 03, 2024

▼ KA PROJECT NUMBER:

**24-08048**

Sheet: **W/D** Of:

WILEY

## WATER PROOF DETAILS

| DEFINES |
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