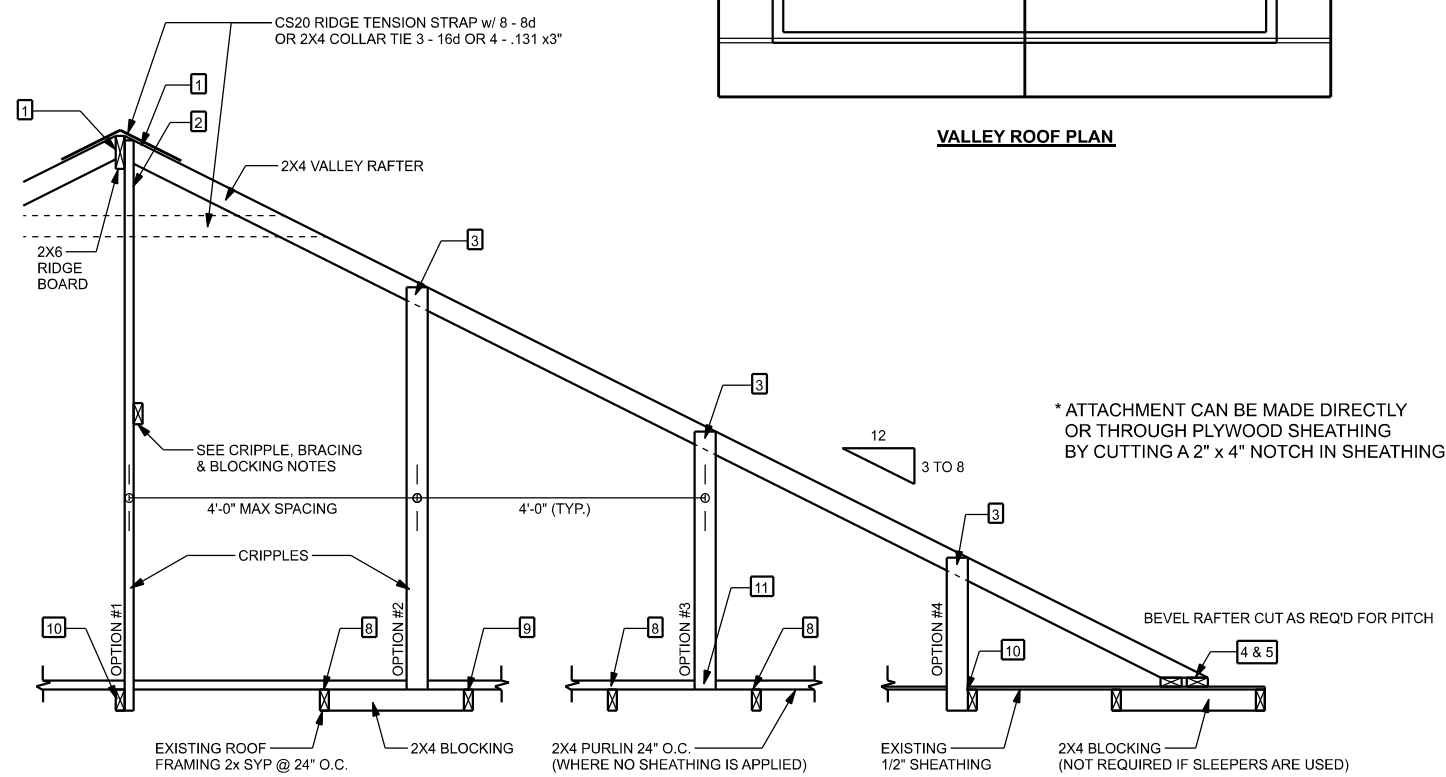


LUMBER SIZE & GRADE MINIMUM REQUIREMENTS

ROOF BOARD	2X6 SYP #2
RAFTER SPANS 20'-0" OR LESS	2X4 SYP #2
PURLINS (LATERAL BRACING)	2X4 SPF #2
SLEEPERS	2X (WIDTH OF RAFTER SEAT CUT) SPF #3 OR 2X (SPAN) 2X4 SYP #2
CRIPPLES & BLOCKING	2X4 SPF #2 OR BETTER
TRUSS BELOW	SEE TRUSS DESIGN - SOUTHERN PINE MATERIAL



VALLEY ROOF PLAN MEMBER LEGEND

TRUSS	TRUSS
TRUSS UNDER VALLEY FRAMING	TRUSS UNDER VALLEY FRAMING
VALLEY RAFTER OR RIDGE	VALLEY RAFTER OR RIDGE
CRIPPLE	CRIPPLE

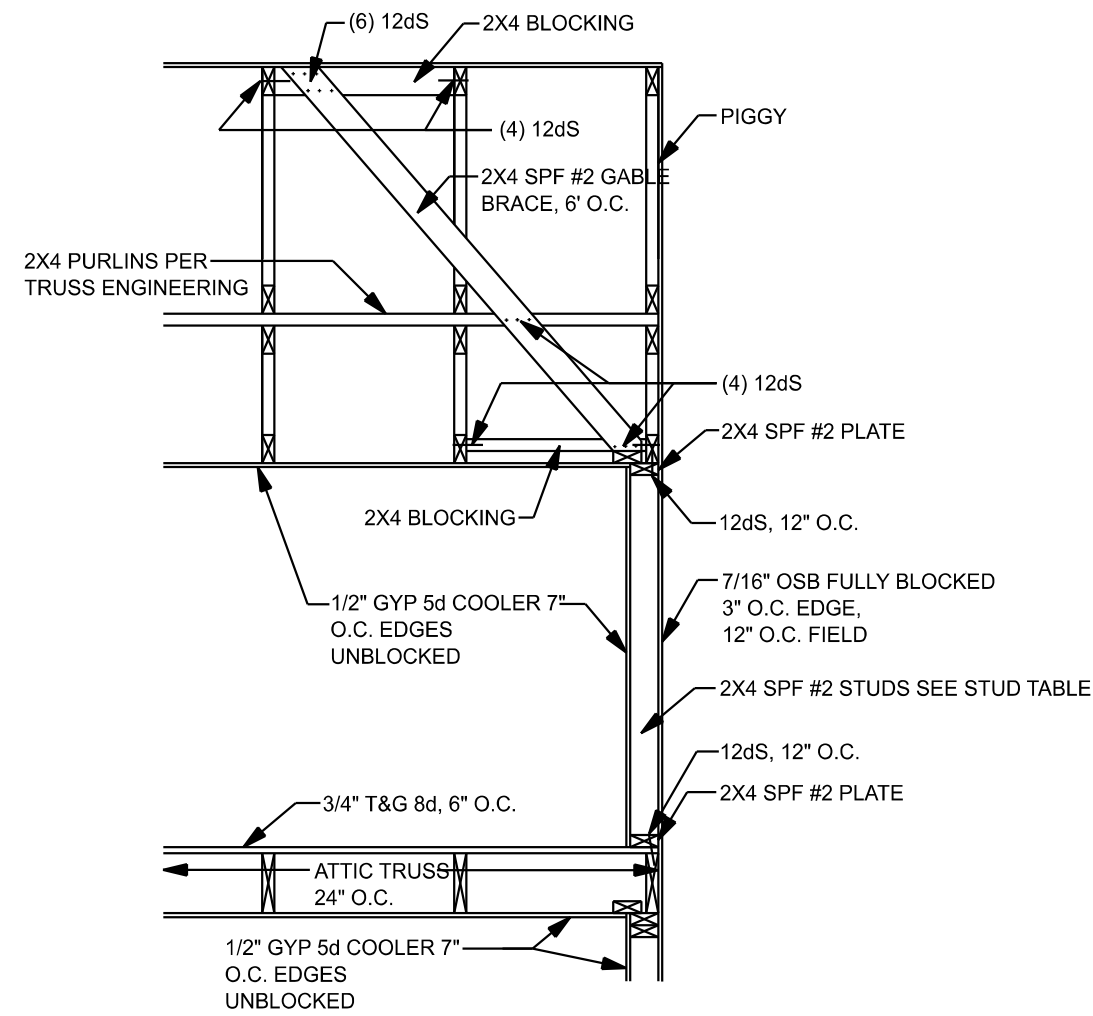
CRIPPLES 4'-0" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SHINGLE ROOF) MAX

CONNECTION REQUIREMENT NOTES

1. 2X4 RAFTERS TO RIDGE	3-16d OR 6-131 x 3" TOE NAILS
2. CRIPPLE TO RIDGE	3-16d OR 6-131 x 3" FACE NAILS
3. CRIPPLE TO RAFTERS	3-16d OR 6-131 x 3" FACE NAILS
4. RAFTER TO SLEEPER OR BLOCKING	5-16d OR 12-131 x 3" TOE NAILS
5. SLEEPER TO TRUSS	4-16d OR 8-131 x 3" FACE NAILS EACH TRUSS
6. RIDGE BOARD TO ROOF BLOCK	3-16d OR 6-131 x 3" TOE NAILS
7. RIDGE BOARD TO TRUSS	3-16d OR 6-131 x 3" TOE NAILS
8. PURLIN TO TRUSS (TYP.)	3-16d OR 6-131 x 3" NAILS
9. PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	4-16d OR 8-131 x 3" NAILS
10. TRUSS TO BLOCKING	3-16d OR 6-131 x 3" END NAILS
11. CRIPPLE TO TRUSS	3-16d OR 6-131 x 3" FACE NAILS
12. CRIPPLE TO PURLIN	3-16d OR 6-131 x 3" FACE NAILS

ROOF OVER FRAMING & BRACING DETAIL

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



BONUS ROOM / GABLE END BRACING

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

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 USE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD
- SN-4 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

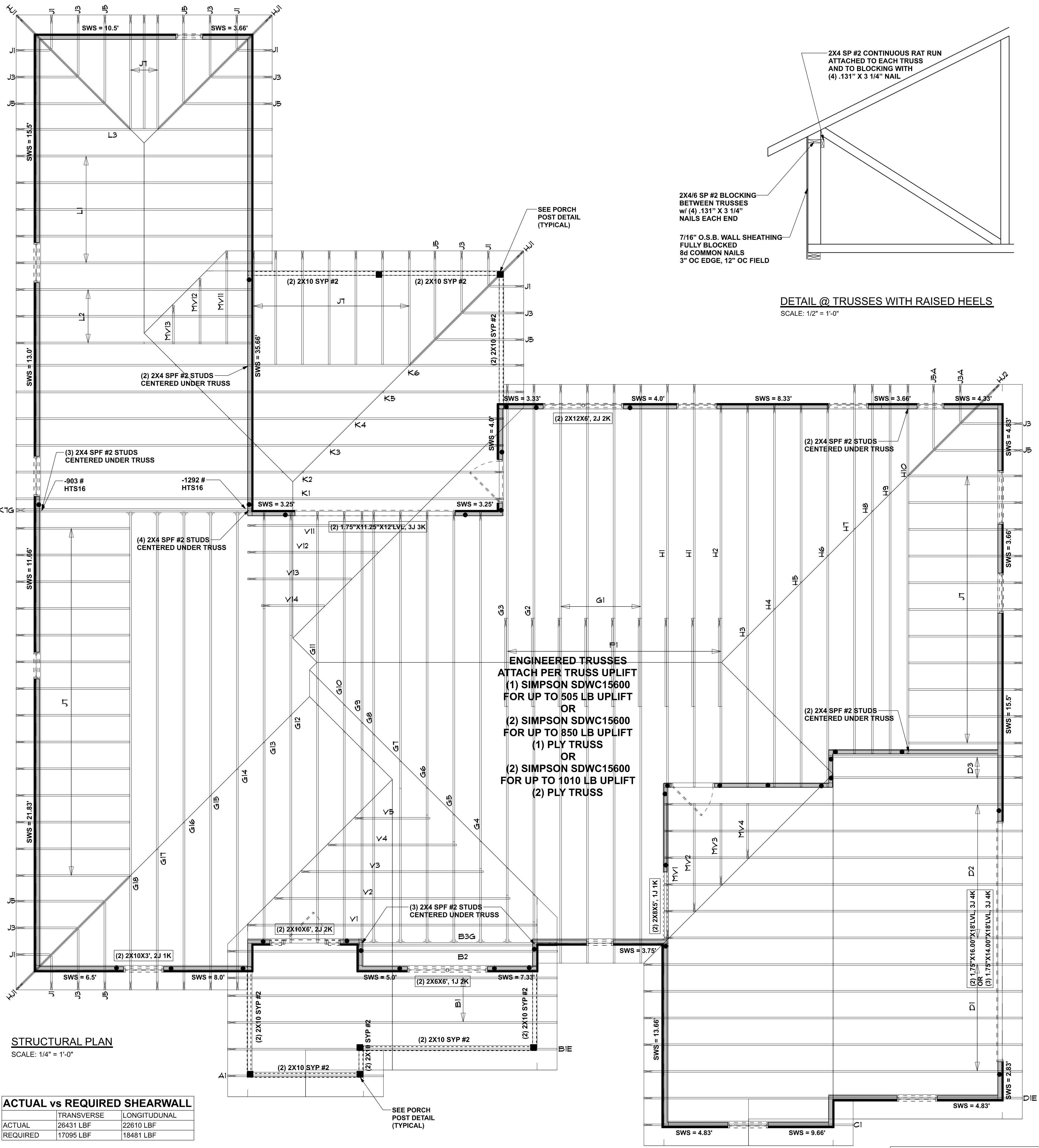
- SN-5 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC511-03. BC511-01, BC511-02, & BC511-03. BC511-01, BC511-02, & BC511-03 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

HEADER LEGEND

(2) 2X6X9', 1J 1K	HEADER/BEAM CALL-OUT (U.N.O.)
	NUMBER OF KING STUDS (FULL LENGTH)
	NUMBER OF JACK STUDS (UNDER HEADER)
	SPAN OF HEADER
	SIZE OF HEADER MATERIAL
	NUMBER OF PLIES IN HEADER

THREADED ROD LEGEND

INDICATES LOCATION OF:	INDICATES LOCATION OF:
3/8" A307 ALL THREADED ROD	3/8" A307 ALL THREADED ROD



ACTUAL vs REQUIRED SHEARWALL

	TRANSVERSE	LONGITUDINAL
ACTUAL	22631 LBF	22610 LBF
REQUIRED	17095 LBF	18481 LBF

ENGINEERED TRUSSES ATTACH PER TRUSS UPLIFT
(1) SIMPSON SDWC15600 FOR UP TO 505 LB UPLIFT
OR
(2) SIMPSON SDWC15600 FOR UP TO 850 LB UPLIFT
(1) PLY TRUSS
OR
(2) SIMPSON SDWC15600 FOR UP TO 1010 LB UPLIFT
(2) PLY TRUSS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. W.B. HOWLAND TRUSS CO. JOB #25-2306

Gibraltar Contracting, LLC

Moss Res.

PROJECT ADDRESS:
Lot 29 Cobblestone S/D Lake City, FL

FL PE 53915
This item has been digitally signed and sealed by Mark Disoway P.E. for resolution. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

7/21/2025

DIMENSIONS: Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disoway P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 8th Edition Florida Building Code Residential (2023) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

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386.754.5419
disowaydesign@gmail.com

JOB NUMBER:
250415

S-3
OF 3 SHEETS