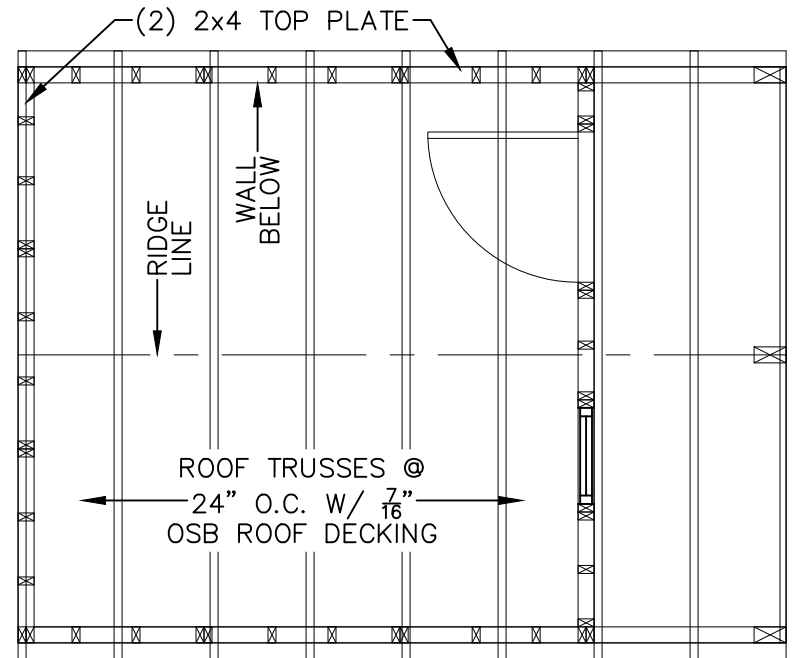


ROOF FRAMING PLAN



ROOF FRAMING PLAN W/ PORCH

ROOF TIE-DOWNS

1. SEC. 18-10 ROOF TIE DOWN STRAPS.
2. FOR ALL NEW CONSTRUCTION, ROOF TIE-DOWN STRAPS WILL BE REQUIRED TO AID IN THE STRUCTURAL INTEGRITY OF A STRUCTURE TO WITHSTAND A 160 MPH WIND EVENT.
3. ONLY GALVANIZED STEEL STRAPPING SHALL BE UTILIZED. STRAPPING SHALL HAVE A MINIMUM SECTION OF 1-1/4" BY 1/8" AND HAVE A MINIMUM BREAKING STRENGTH OF 4,750 LBS. NO SPLICES WILL BE ALLOWED.
4. ROOF TIES SHALL BE INSTALLED AT EACH PLATE ALONG THE STRUCTURES SILL. THE MAXIMUM SPACING FOR ROOF TIE-DOWN STRAPS SHALL BE 10'.
5. ROOF TIE-DOWN STRAPS SHALL BE ATTACHED TO THE STRUCTURE'S SILL OR PLATES, RUN ALONG THE SIDE WALL, OVER THE ROOF STRUCTURE FRAMING AND DECKING, AND ATTACHED TO THE SILL ON THE OPPOSING SIDE OF THE STRUCTURE.
6. COMMERCIALY AVAILABLE ADAPTERS SHALL BE UTILIZED TO PREVENT SHARP BENDS IN THE TIES AND TO KEEP THEM FROM CUTTING INTO THE STRUCTURAL FRAMING WHEN TENSION IS APPLIED.

ROOF FRAMING NOTE

1. INSTALL 7/16" O.S.B. OR 7/16" RADIANT BARRIER O.S.B. ROOF SHEATHING WITH LONG DIMENSION SPANNING TRUSSES.
2. FASTEN 7/16" O.S.B. OR 7/16" RADIANT BARRIER O.S.B. ROOF SHEATHING WITH 2" RING-SHANK NAILS @ 6" O.C.

GENERAL NOTES

2x4 UPPER TOP PLATE W/
(2)3x0.120Ø NAILS @ 16" O.C.
TO 2x4 LOWER TOP PLATE

COLUMN NOTES

1. USE METAL COLUMN CLIPS TOP AND BOTTOM TYPICAL
2. USE (4) #8x3" WOOD SCREWS EACH SIDE OF THE COLUMN TOP AND BOTTOM TO INSTALL THE COLUMN CLIPS
3. GLUE TOP PLATES TOGETHER WITH LIQUID NAIL (LN-903) CONTINUOUS ACROSS OVERHANG AND 36" MINIMUM INTO ENCLOSED SPACE
4. NAIL TOP PLATES TOGETHER WHERE GLUED WITH 2 ROWS OF 8d NAILS AT 6" OC
5. PROVIDE A 4x6 PT COLUMN SUPPORT FLUSH WITH THE TOP OF FLOOR JOISTS AND SPANNING THE ENTIRE FIRST FLOOR JOIST SPAN (NAIL WITH 8d NAILS ON ENDS AND ALONG THE SIDE)



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DRAWN BY: CKD SCALE: 1/4" = 1'-0" DATE: 02-18-2026

SHEET TITLE: ROOF FRAMING PLAN

DRAWING NUMBER: S-105



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