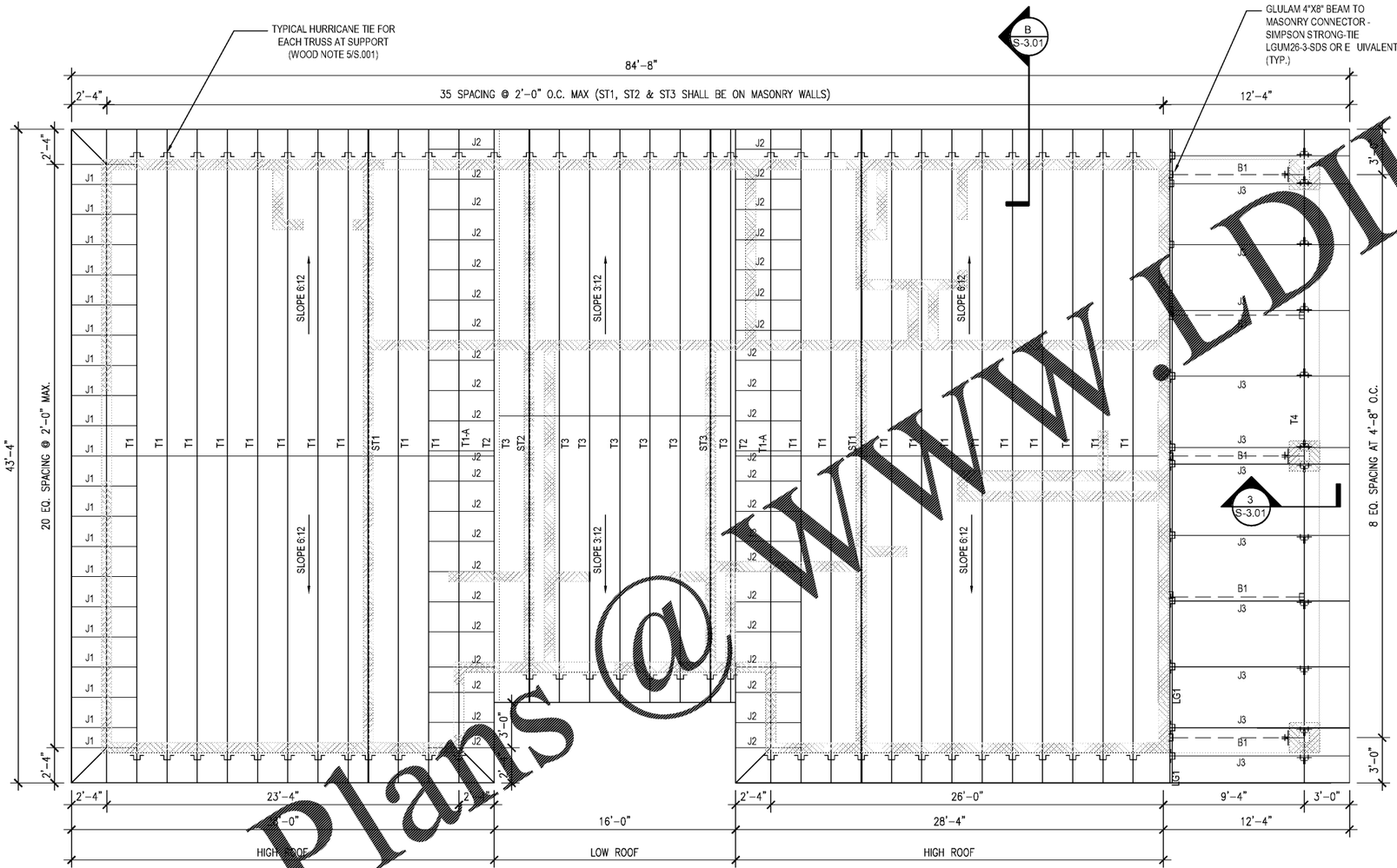


1 S-1.01 ROOF TRUSS FRAMING PLAN

SCALE: 1/4" 1 -0"

NOTES:

1. SEE GENERAL NOTES ON DWG. S-0.01.
2. MINIMUM NOMINAL THICKNESS OF TRUSS MEMBERS SHALL BE 2 INCHES.
3. TRUSS NOTES:
   SEE GENERAL NOTES ON S-0.01

   (A) TRUSS CONTRACTOR SHALL DESIGN ROOF TRUSSES PER APPLICABLE CODES BASED ON LOAD PARAMETERS SPECIFIED ON DRAWINGS S-0.01. MINIMUM UPLIFT LOAD FOR EACH TRUSS SHALL NOT BE 25 PSF (ULTIMATE, LRFD)

   (B) TRUSSES ST1, ST2 AND ST3 ARE SUBJECTED TO SHEAR FORCES FROM ROOF DIAPHRAGM. THEY WILL BE SUPPORTED BY MASONRY WALLS. THESE TRUSSES SHALL BE DESIGNED FOR MIN 6000 LBS TOTAL LATERAL IN-PLANE SHEAR FORCES AT THE TOP CHORDS ALONG THE TRUSS AXIS.

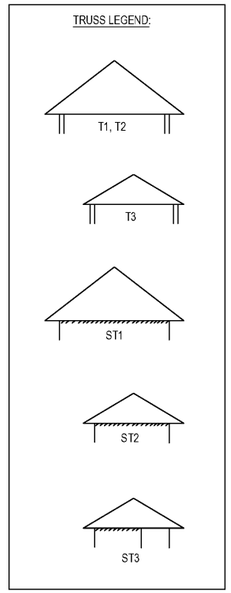
   (C) T1 AND T2 TRUSSES ARE AT THE HIGH ROOF T1-A TRUSS TOP CHORD SHALL BE 4" LOWER THAN ADJACENT T1 AND T2 TO ALLOW J2 (2 X4").

   (D) T 3 TRUSSES ARE AT LOWER ROOF.

   (E) J3 (5 ¼" X 5 ¼" GLULAM SOUTHERN PINE) JOISTS WILL BE SUPPORTED AT THE TOP CHORD OF TRUSS T4 WITH METAL CONNECTOR AND WILL BE SUPPORTED AT THE MASONRY LEDGER (2"X12") WITH FACE MOUNTED HANGERS THAT CAN SUPPORT 1500 LBS VERTICAL GRAVITY AND UPLIFT TENSILE LOAD LOAD CAPACITY.

   (F) T4 IS EXPOSED GLULAM TRUSS WITH PLATE CONNECTIONS (SEE DWG A/S-3.01)
4. B1 - GLULAM TIE BEAMS (4"X8") AT EL. 12'-2" CONNECTING BOTTOM CHORD OF THE TRUSS T4 TO THE MASONRY WALL WITH FACE HANGERS WITH 1000 LBS TENSILE STRENGTH AND GRAVITY LOAD CAPACITY.
5. LG1 (2"X12") LEDGER TOP ELEVATION MATCHING WITH TOP CHORD OF TRUSS T4. LEDGER WILL BE ANCHORED TO ALL GROUTED MASONRY WITH TWO (2) ROWS OF 1"Ø THROUGH BOLTS 9" SPACING (STAGGERED).

TRUSS LEGEND:



SCALE

4 2 0 4 8

1/4" 1 - 0"

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DESIGNED VK | DRAWN VK | CHECKED HD | DATE | SCALE AS SHOWN

PROJECT NO. C-1610-10

DRAWING TITLE: FIELDHOUSE ROOF FRAMING PLAN

DRAWING NO. S-1.01

SHEET OF

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