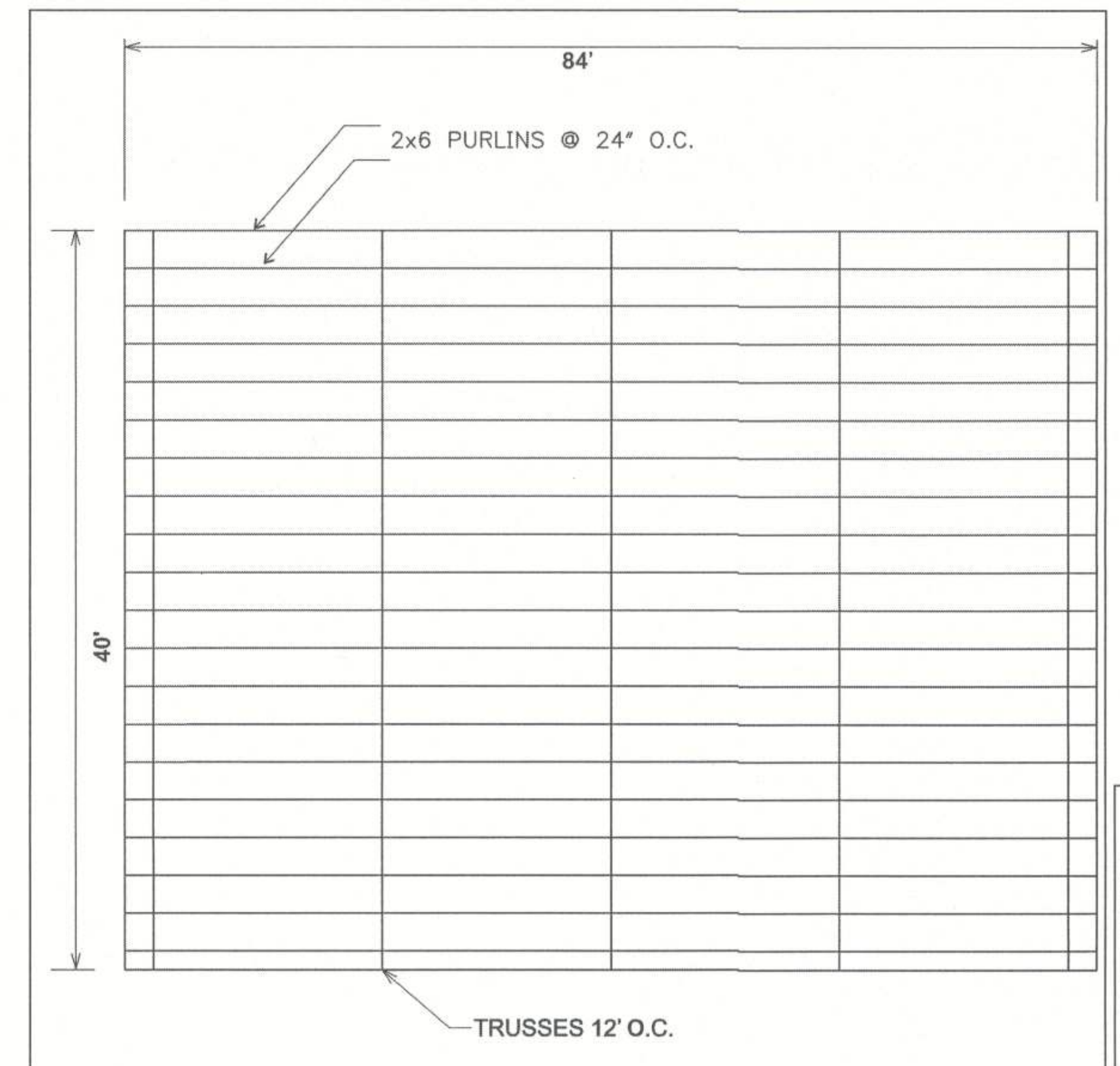
ENGINEER'S NOTE:
TRUSS DESIGN BY OTHERS



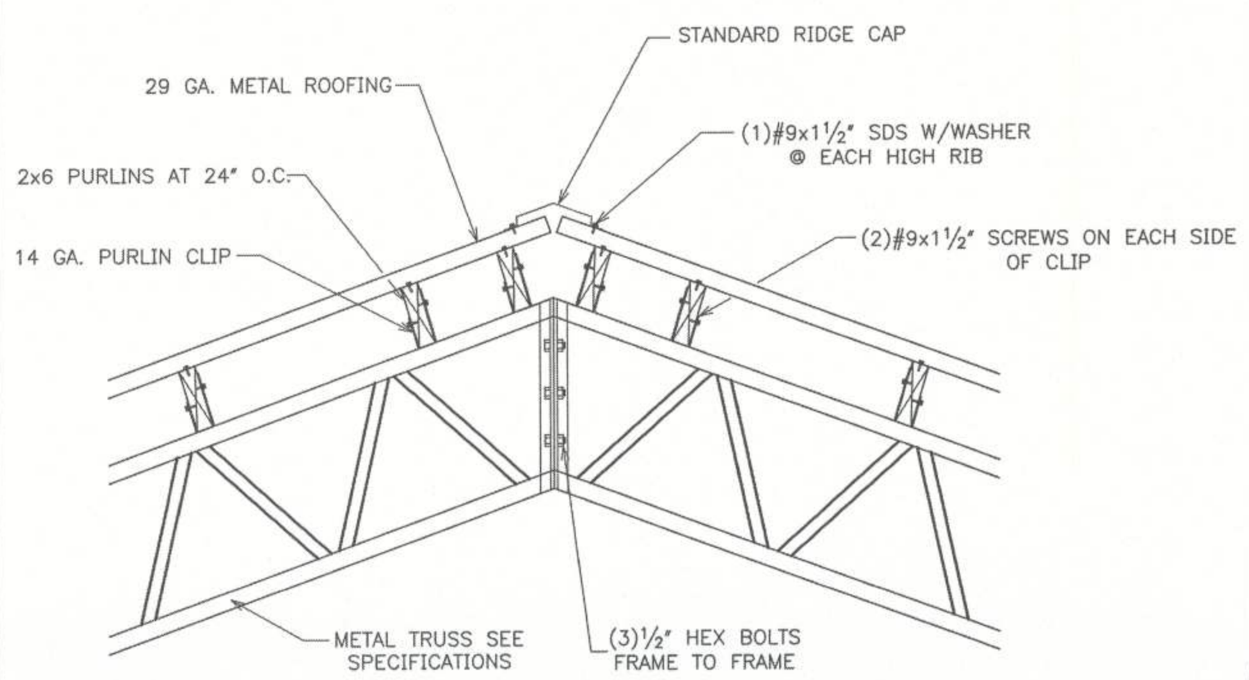
TRUSS AND PURLIN LAYOUT
SCALE : N.T.S.

GENERAL NOTES:

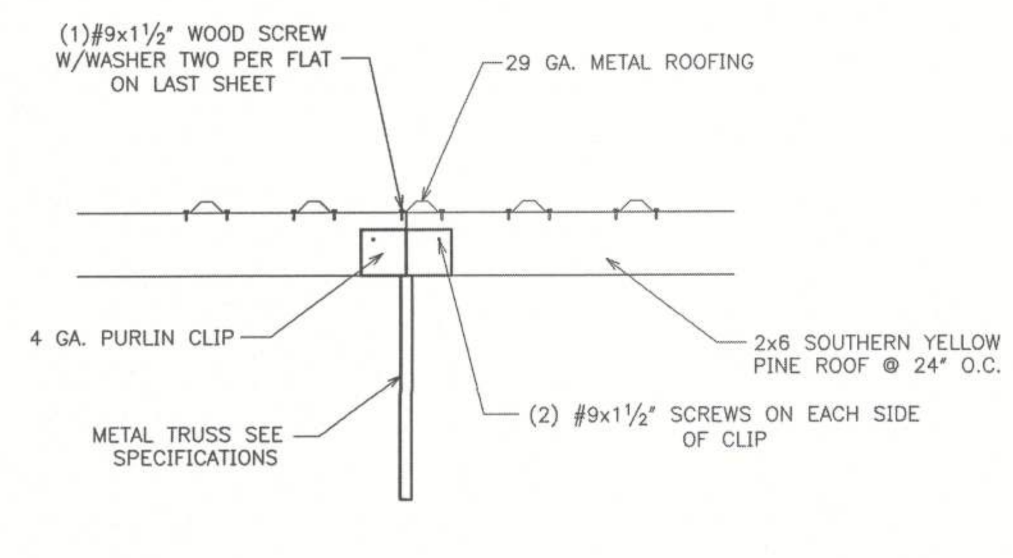
1. ALL CONSTRUCTION SHALL BE PROVIDED IN ACCORDANCE WITH THE 2023 8TH EDITION FLA BUILDING CODE AND ASCE 7-10 WIND CODES FOR AN ULTIMATE WIND SPEED OF 140 MPH AND GREATER. THESE PLANS INCLUDE DESIGN FOR ALL WIND SPEEDS UP TO AN INCLUDING 170 MPH ULTIMATE WIND SPEED.
2. ALL ROOFING TO BE MIN 29 GAUGE OR BETTER, ATTACHED TO PURLINS AS SHOWN.
3. ALL CONCRETE WORK SHALL BE 3000 PSI AT 28 DAYS. CONTROL JOINTS SHALL BE CUT AT DISTANCES NO GREATER THAN 15' ELECTRICAL CONDUIT AND OTHER PIPES TO BE EMBEDDED IN STRUCTURAL CONCRETE FLOOR SLABS SHALL BE PLACED IN ACCORDANCE WITH ACI-318, PARAGRAPH 6.3.
4. MINIMUM SOIL BEARING SHALL BE ASSUMED AT 2000 PSF
5. ALL WINDOWS AND DOORS SHALL BE INSTALLED PER MANUFACTURERS SPECS.
6. ALL STEEL BUILDING MATERIALS ARE FLOOD RESISTANT AND WILL NOT BE DAMAGED BY FLOOD OR RAIN.
7. DESIGN LOADINGS:
   - ROOF LIVE LOAD - 20 PSF
   - DEAD LOADS:
     - TRUSS SPACING @12' - DL =6 PSF
     - TRUSS SPACING @ 10' - DL = 9 PSF
     - TRUSS SPACING @ 8' - DL = 12 PSF
   - DESIGN SPEED - 170 MPH
   - WIND RISK CATEGORY - 1
   - EXPOSURE CATEGORY - B
   - IMPORTANCE FACTOR - 1.0
   - BUILDING CATEGORY I
8. WOOD FRAMING AND FASTENERS TO MEET NDS-2012 REQUIREMENTS.
9. FASTENER REQUIREMENTS: (1) ALL NAILS ARE COMMON GALVANIZED (2) ALL BOLTS ARE TO BE GALVANIZED STEEL AND INCLUDE NUTS AND WASHERS (3) ALL OTHER HARDWARE (SIMPSON, ETC.) IS TO BE INSTALLED ACCORDING TO THE MANUFACTUERER'S SPECIFICATIONS
10. NAILING SIZE AND NUMBER SHALL SATISFY TABLES 2306.2.(1), 2306.3.(1) AND 2306.3.(#) fbc UNLESS OTHERWISE INDICATED.
11. ALL FASTENERS EXPOSED TO THE WEATHER SHALL BE TREATED FOR WEATHER RESISTANCE AND COMPATIBLE WITH THE PRESSURE TREATED WOODS USED.
12. ALL WOOD TO BE #2 YP OR BETTER, ALL WOOD TO BE IN CONTACT WITH CONCRETE TO BE P.T.
13. INTERNAL PRESSURE COEFFICIENT = 0 OPEN
14. COMPONENTS / CLADDING
    - ZONE 1 = +/- 30 PSF
    - ZONE 2 = +30 PSF / -53 PSF
    - ZONE 3 = +3 PSF / -83 PSF

DESIGN STATEMENT:

THESE PLANS WERE DESIGNED FOLLOWING THE 2023 8TH EDITION FLORIDA BUILDING CODE AND ASCE 7-10. INCLUDING CHAPTER 16 ON STRUCTURAL DESIGN. AN ULTIMATE WIND SPEED OF 140 MPH, (3 SECOND GUST) IN WIND EXPOSURE CATEGORY "B". THIS STRUCTURE HAS BEEN DESIGNED AS RISK CATEGORY I. THE COMPONENTS AND CLADDING WERE DESIGNED BASED ON A WIND PRESSURE. THIS STRUCTURE HAS BEEN DESIGNED AS EITHER AN OPEN/ENCLOSED OR PARTIALLY ENCLOSED STRUCTURE AS PER PLAN NOTES.



RIDGE DETAIL
SCALE : N.T.S.



PURLIN CONNECTION
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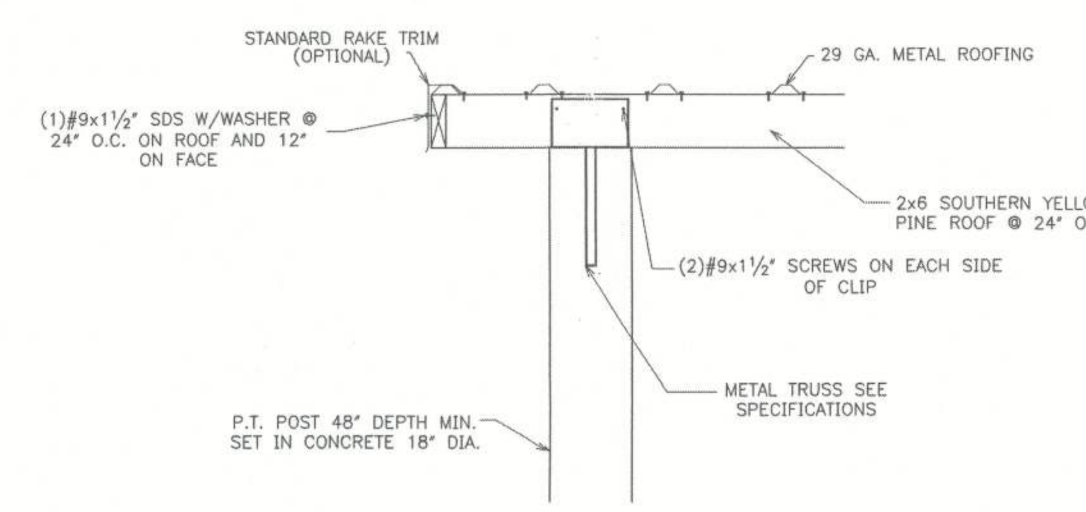

RAKE DETAIL
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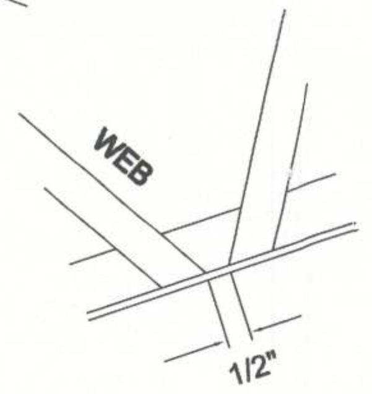

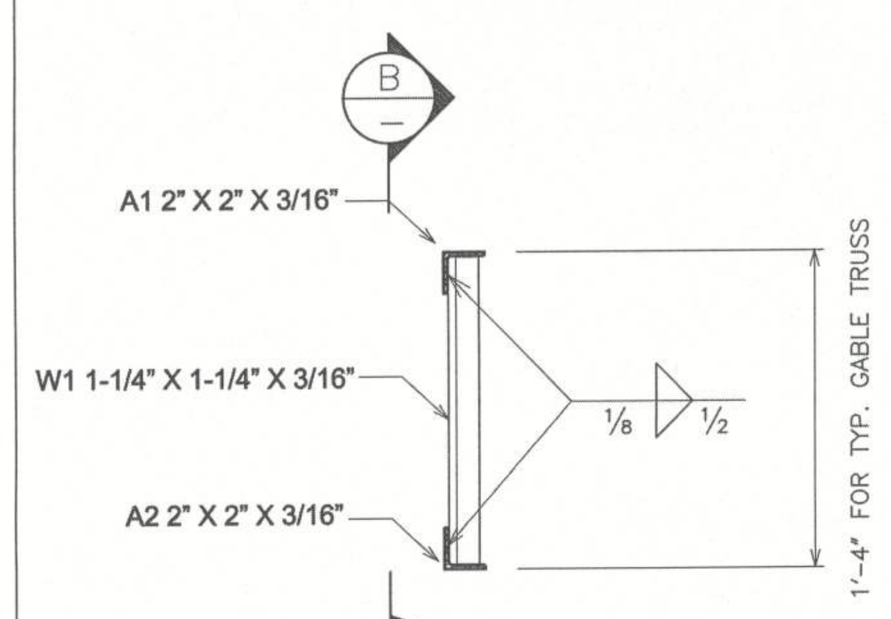

SECTION A
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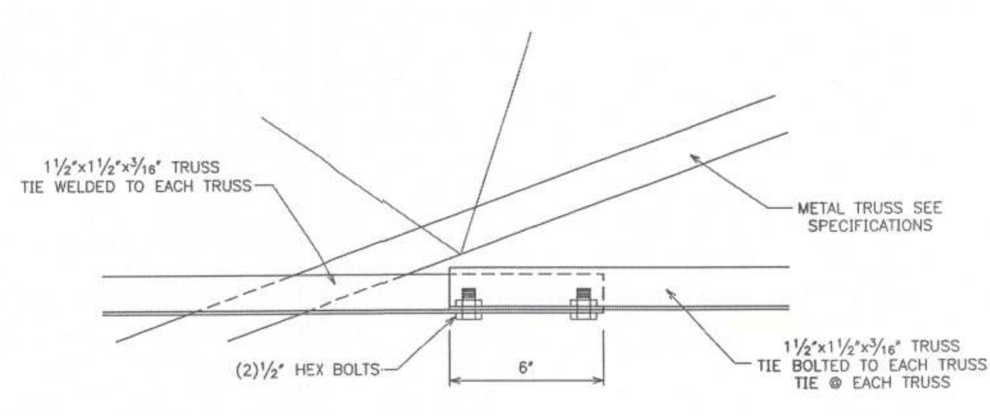

TRUSS TIE CONNECTION
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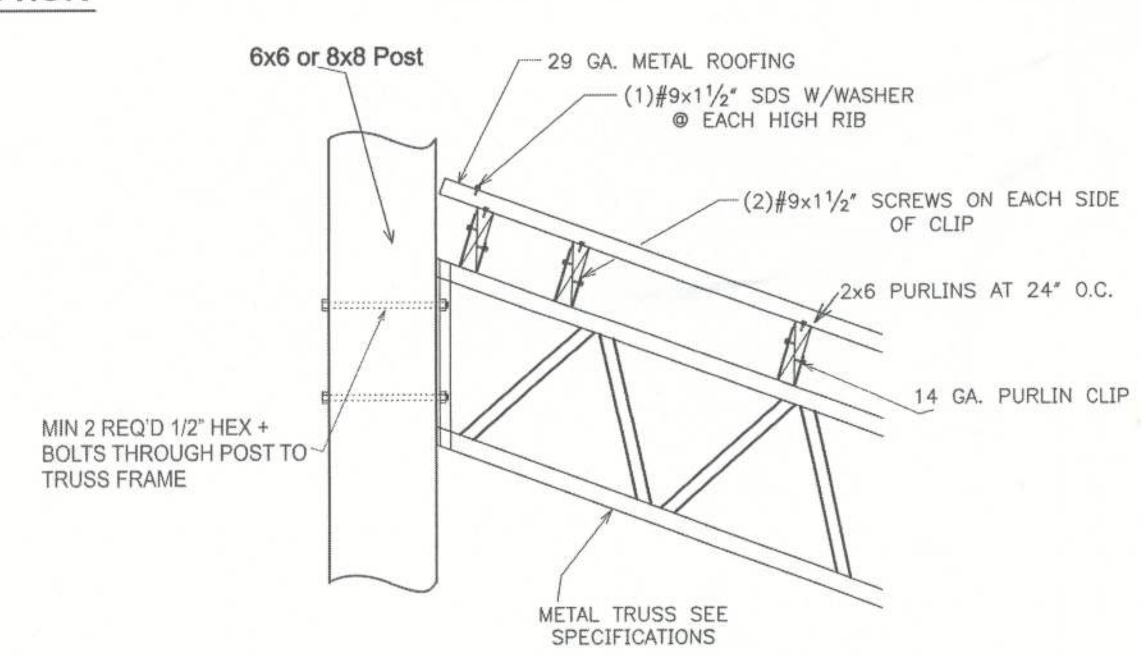

LEAN TO CONNECTION DETAIL
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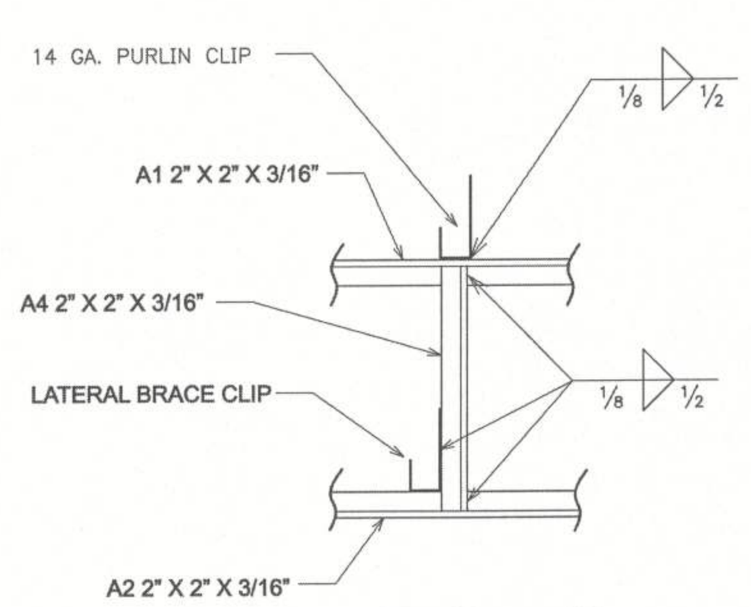

SECTION B
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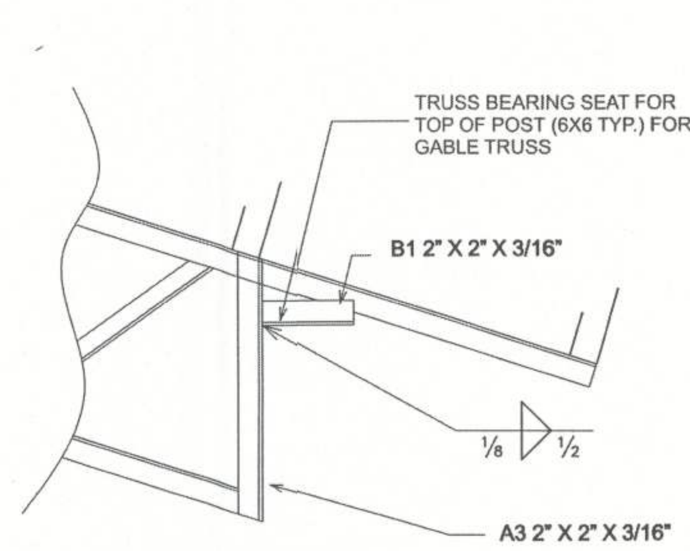
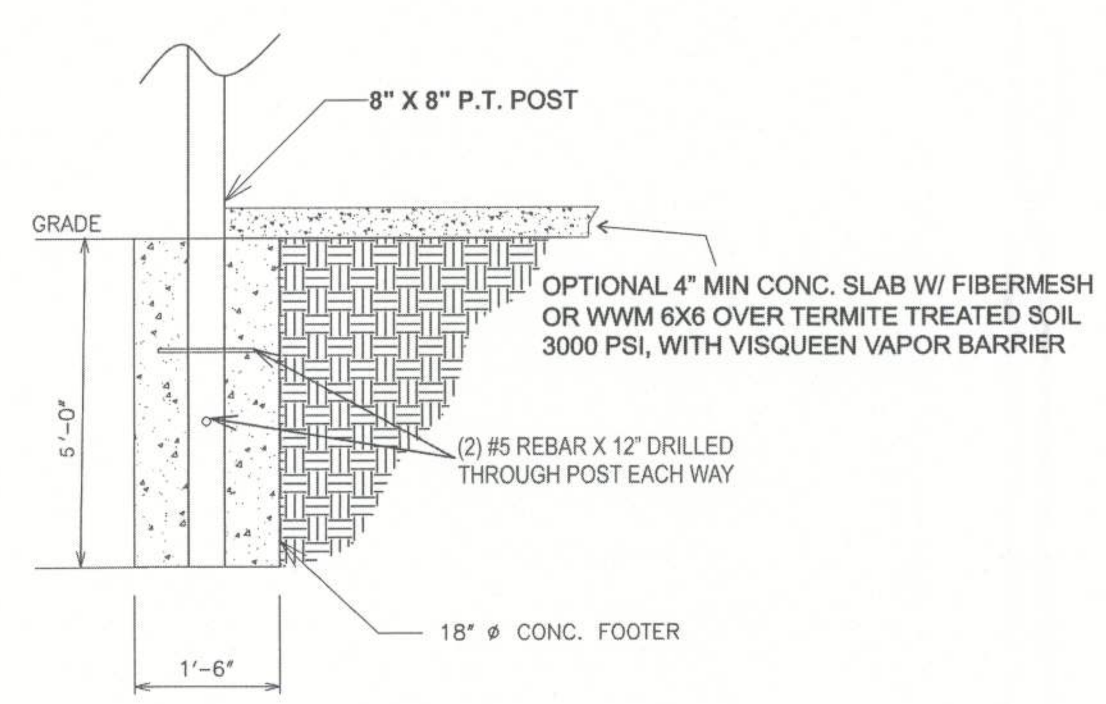


TRUSS SEAT DETAIL
SCALE : N.T.S.



POST/FOUNDATION DETAIL
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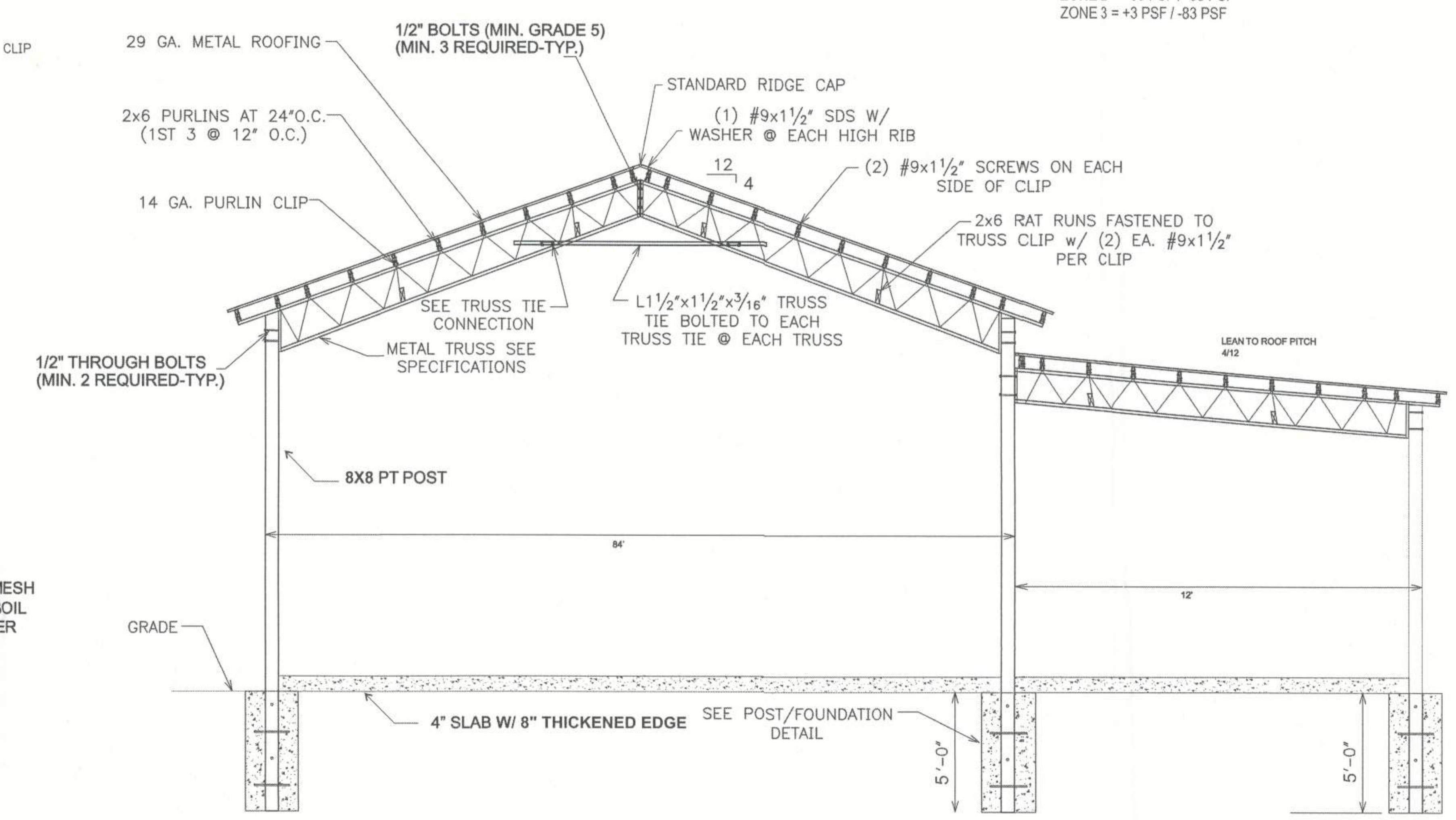

GABLE END VIEW
SCALE: N.T.S.

Digitally signed by Carol Chadwick
DN: c=US, o=Florida, dnQualifier=A01410D0000018D463B4E7500032FEE, cn=Carol Chadwick
Date: 2024.09.03 12:12:05 -04'00'

This item has been digitally signed and sealed by Carol Chadwick, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

9/3/24

PRITCHARD POLE STRUCTURE
DETAILS
670 SW MAULDIN AVENUE, LAKE CITY, FL

PROJECT NO.	DATE	REVISION DATE	SHEET
FL24394	SEP. 3, 2024		S-2