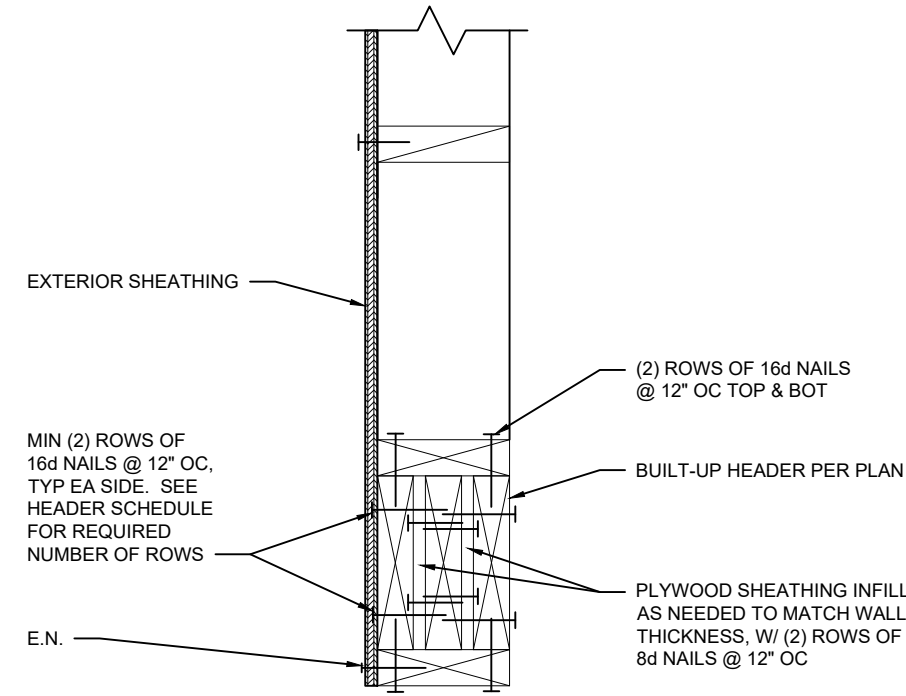
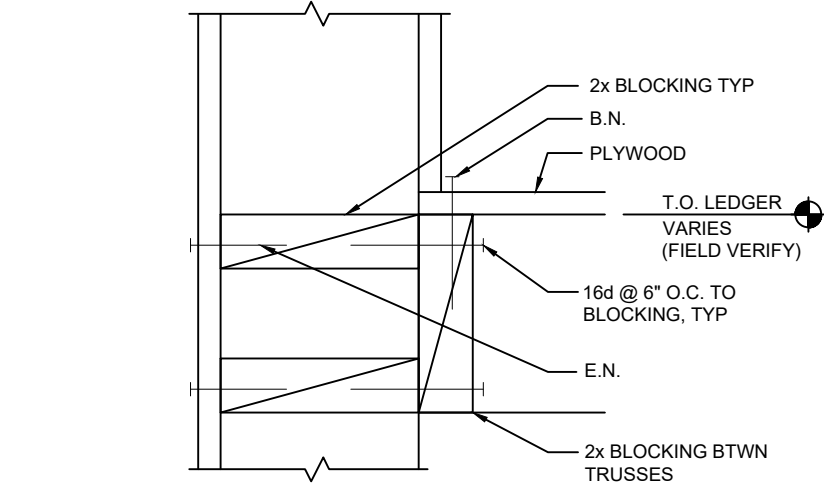


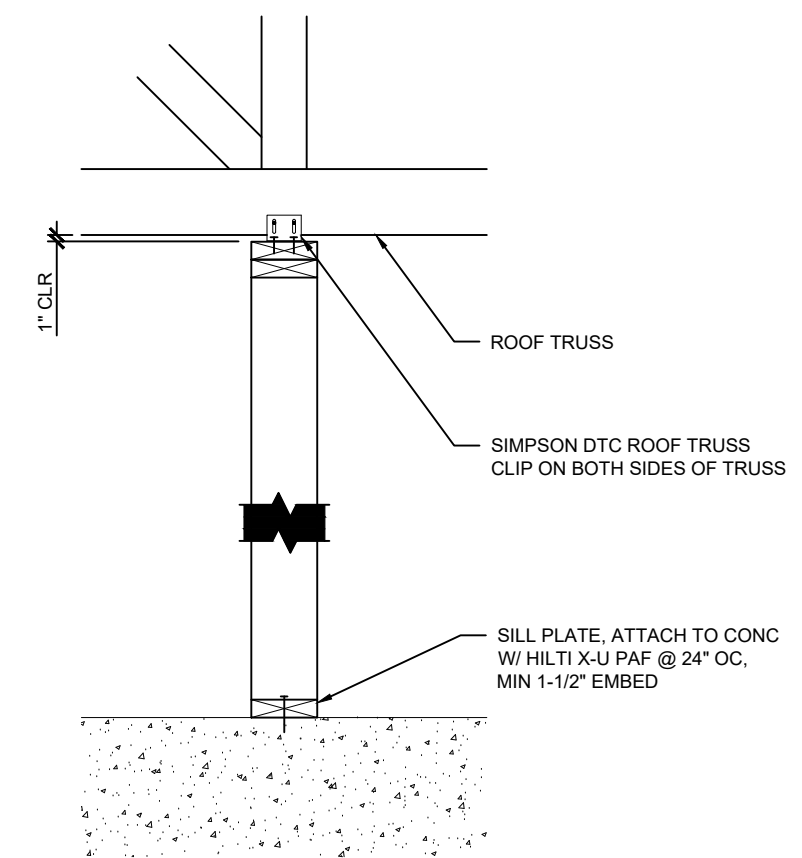
1 Non-Brg Wall Support - Parallel to Truss  
SCALE: 3/4" = 1'-0"



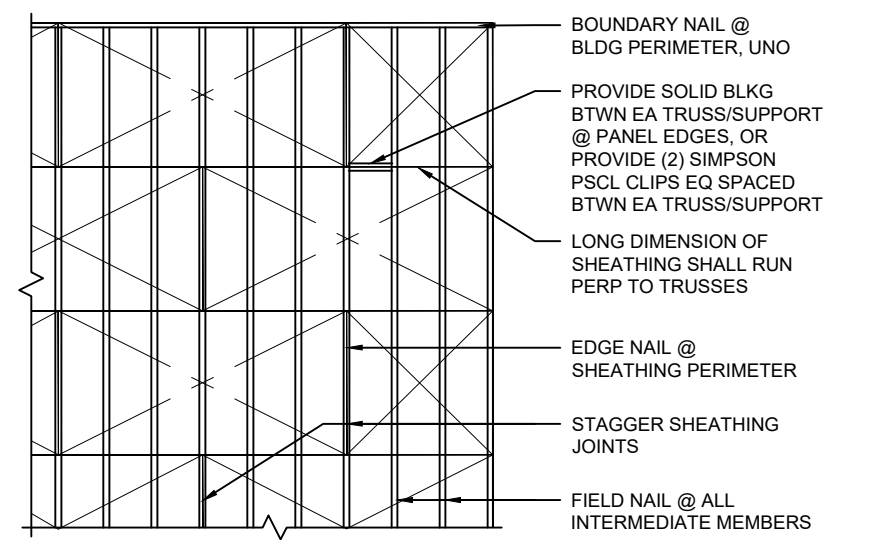
5 Typical Header Detail  
SCALE: NONE



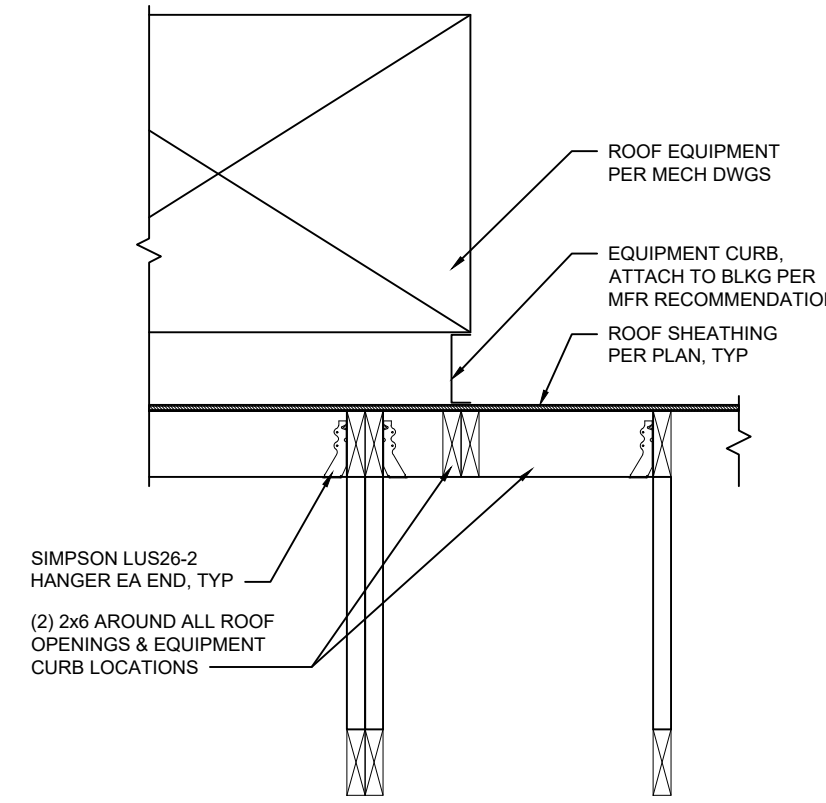
9 Typical Detail at Roof Perimeter  
SCALE: NONE



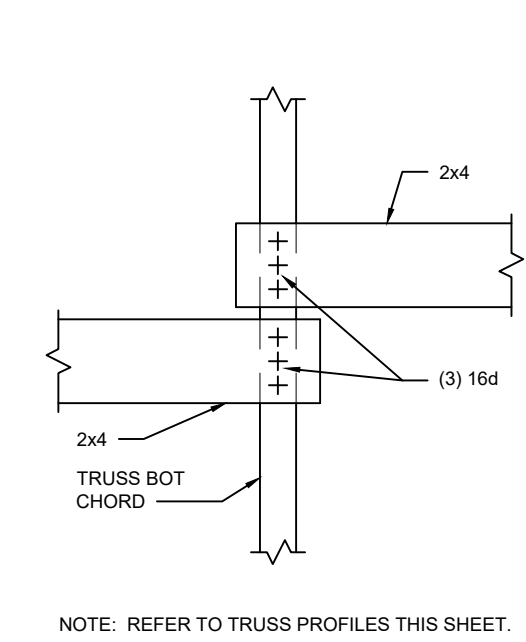
2 Non-Brg Wall Support - Perp to Truss  
SCALE: 3/4" = 1'-0"



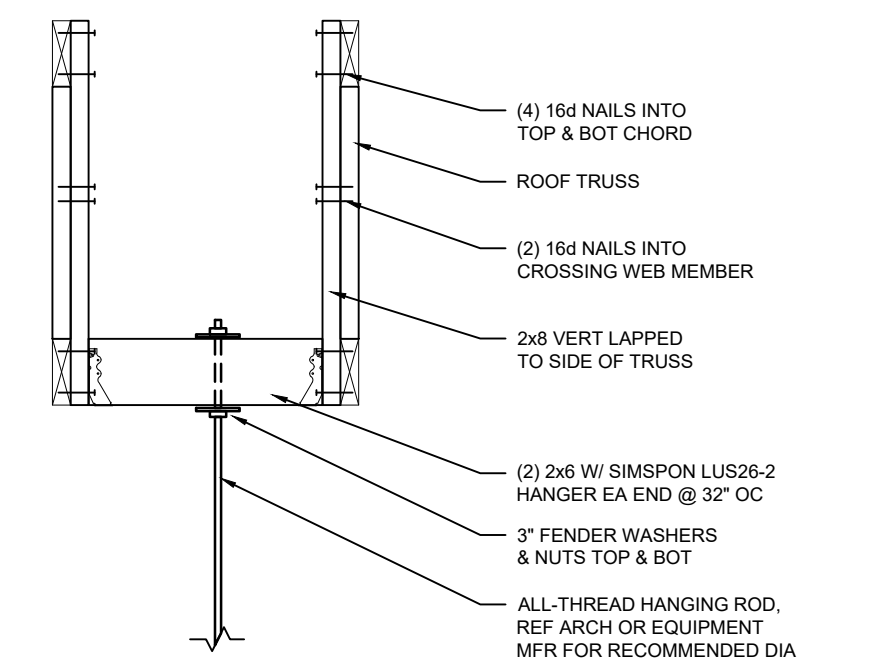
6 Roof Sheathing Nailing Plan  
SCALE: NONE



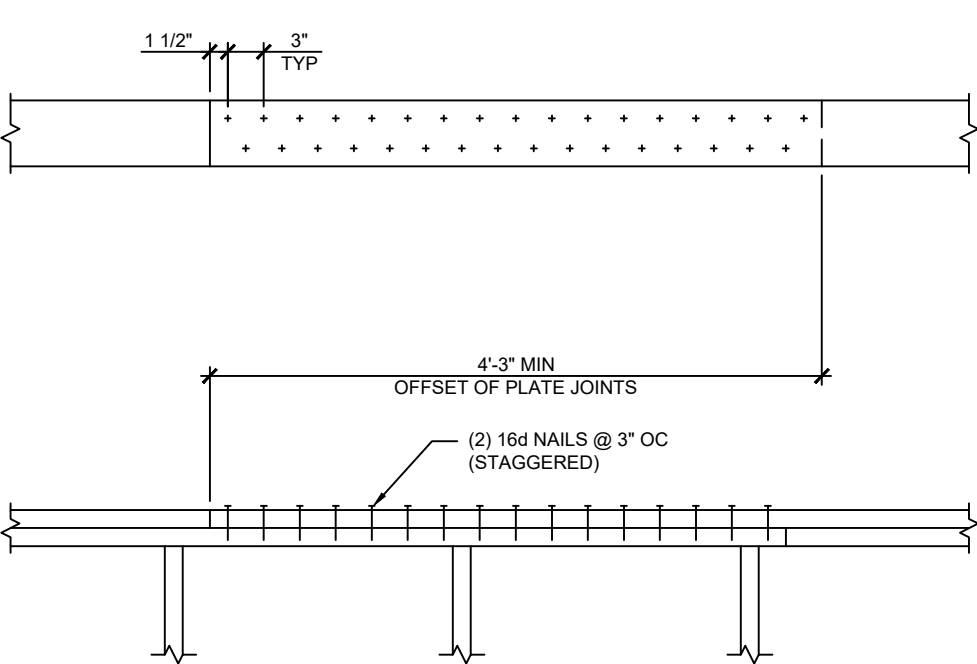
10 Typical RTU Support Detail  
SCALE: 3/4" = 1'-0"



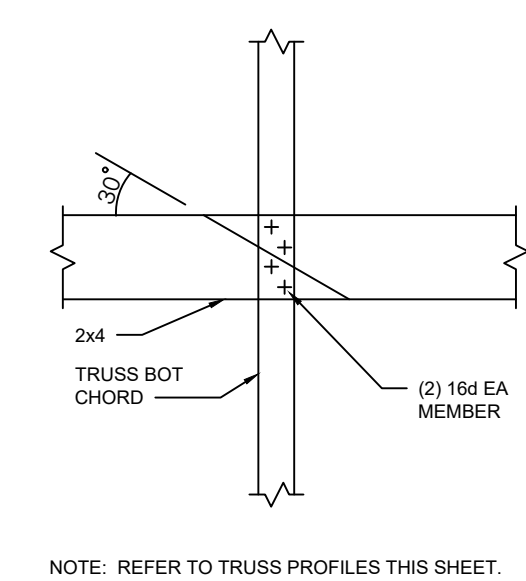
3 Typical Truss Bridging Detail  
SCALE: 3/4" = 1'-0"



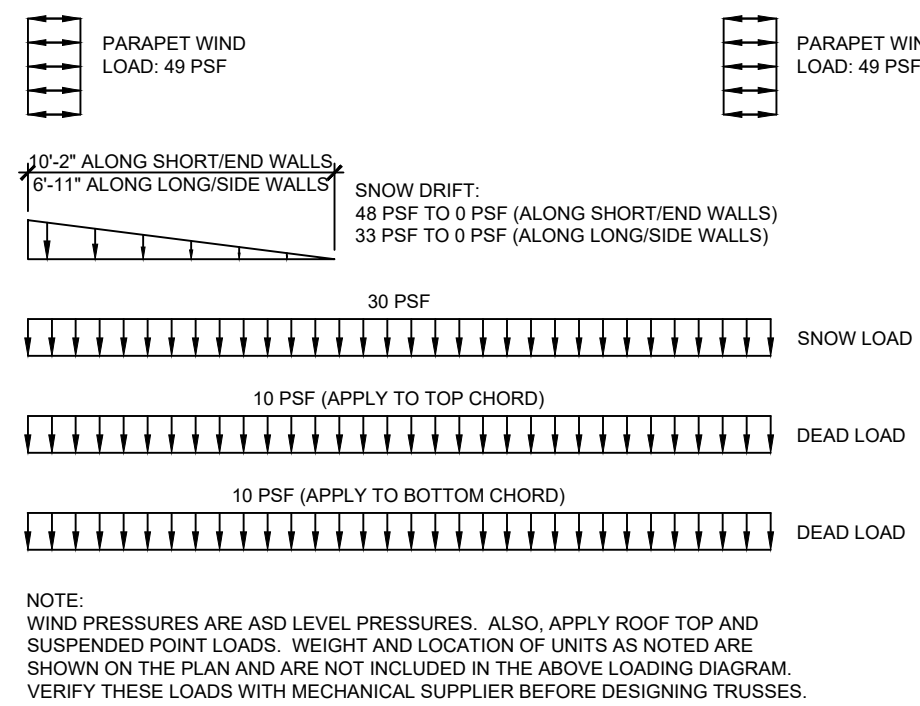
7 Hanging Bulkhead or Hood Detail  
SCALE: 3/4" = 1'-0"



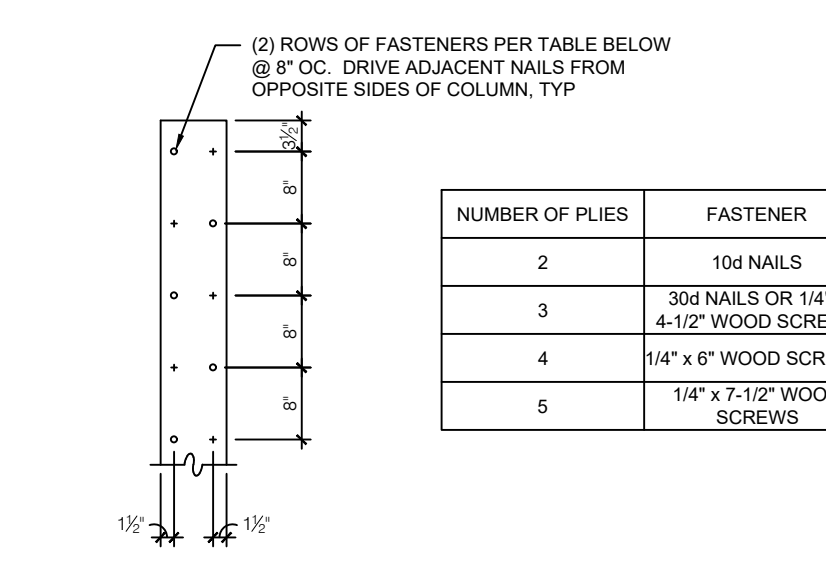
11 Typical Plate Lap Detail  
SCALE: 1 1/2" = 1'-0"



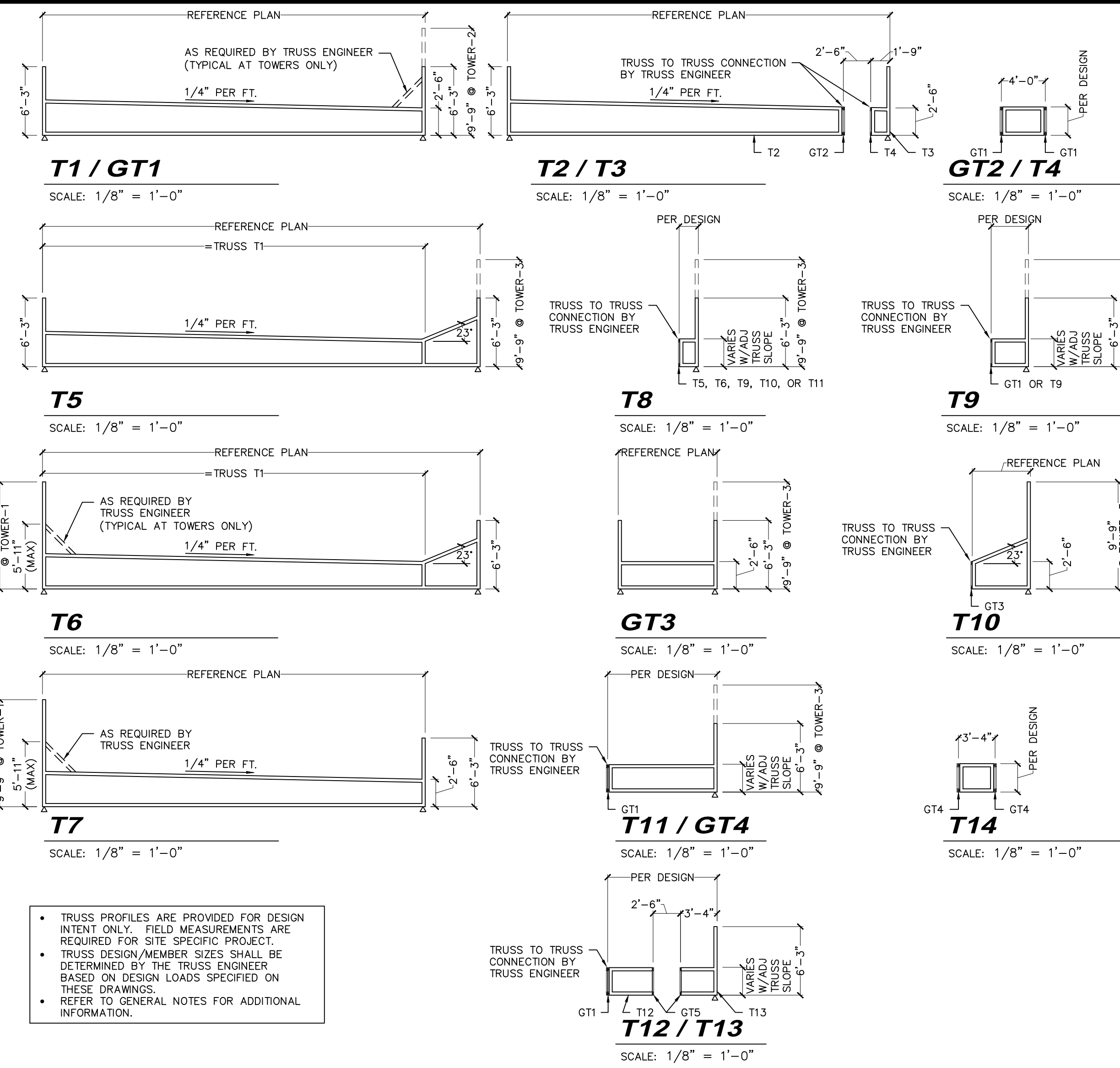
4 Truss Bridging @ Open Ceiling Detail  
SCALE: 3/4" = 1'-0"



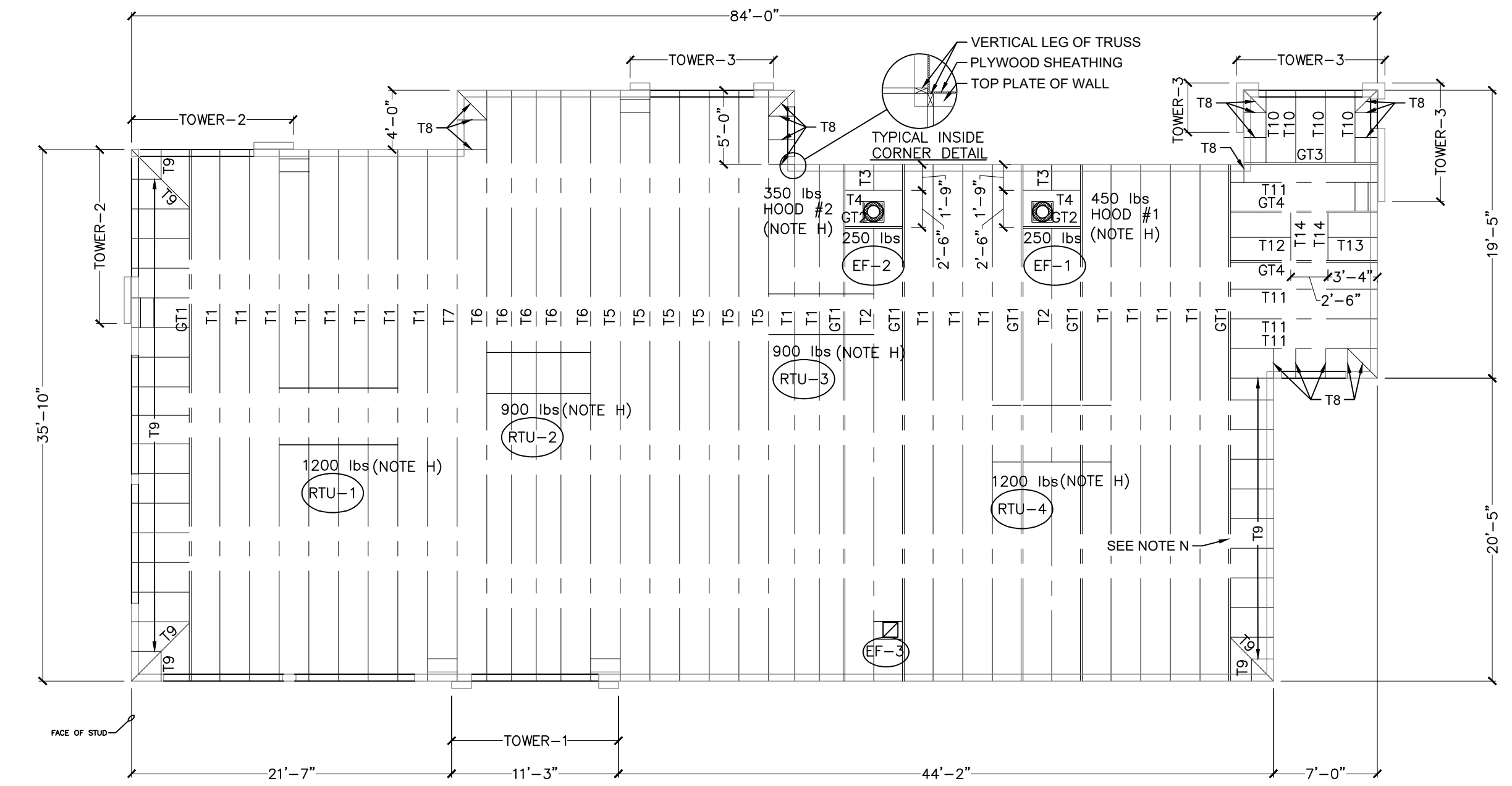
8 Truss Loading Diagram  
SCALE: NONE



12 Built-Up 2x6 Column Detail  
SCALE: NONE



13 Truss Profiles  
SCALE: 1/8" = 1'-0"



**MANUFACTURED ROOF TRUSS NOTES:**

A. MFRD ROOF TRUSSES SHALL BE SPACED AT 2'-0" OC, UNLESS NOTED, REFERENCE S-2.

B. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DWGS & CALCS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF NEW JERSEY). SUBMIT SHOP DWGS & CALCS TO THE ARCHITECT & ENGINEER FOR REVIEW & COMMENT, AND IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN & CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS & CONNECTIONS BETWEEN TRUSSES. GC SHALL REVIEW & APPROVE DIMENSIONS, SHAPES & DETAILS SHOWN ON SHOP DWGS PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER FOR REVIEW & COMMENT.

C. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON STRONG-TIE OR APPROVED EQUAL.

D. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN & CONSISTENTLY SIZED THROUGHOUT PROJECT, UNLESS NOTED.

E. REFER TO TRUSS PROFILES FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS.

F. MFR ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA THIS SHEET.

G. THE POSITIONS, HEIGHTS, & METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MFR.

H. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. GC SHALL COORDINATE SIZE, LOCATION & WEIGHT OF EQUIPMENT W/ MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.

I. INSTALLATION OF ALL TRUSSES SHALL BE PERFORMED USING A SPREADER BAR W/ A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT OUT-OF-PLANE BENDING.

J. ROOF TRUSSES THAT ARE DAMAGED DUE TO IMPROPER HANDLING, AS DETERMINED BY THE ARCHITECT OR THEIR DESIGNATED REPRESENTATIVE, SHALL BE REMOVED FROM THE JOB SITE AND REPLACED AT THE CONTRACTORS EXPENSE.

K. TRUSSES SHALL BE DESIGNED FOR A MAXIMUM ALLOWABLE LIVE LOAD DEFLECTION OF L/360, AND A MAXIMUM TOTAL LOAD DEFLECTION OF L/240.

L. TRUSS BOTTOM CHORD BRIDGING SHALL BE 2x4 MIN AND SPACED AT 10'-0" OC MAX, EXCEPT AS NOTED. ALL TRUSS BEARING POINTS ARE @ 14'-0" ABOVE FINISH FLOOR.

M. DESIGN TRUSS TOP CHORD TO CARRY 4.5 KIP ASD LEVEL WIND OR SEISMIC FORCE (AXIAL TENSION OR COMPRESSION) IN ADDITION TO ALL APPLICABLE GRAVITY LOADS.

14 Roof Truss Plan  
SCALE: 1/8" = 1'-0"

Issued:	Date:
A BKC Approval	10/29/2021
B Permit Set	1/28/2022
C Bid Set	4/25/2022
D	
E	

Revisions:	Date:
1	
2	
3	
4	
5	
6	
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8	
9	

Seal	Seal	DATE
PROJECT ARCHITECT/ENGINEER		
PROJECT LEAD		DATE
PROJECT DESIGNER		DATE

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108 Egg Harbor Road  
Sewell, NJ 08080  
Gloucester County  
Project Name & Location:

Roof Truss Layout and Structural Details  
Drawing Name:

Date: 11/8/2021	Project No. 21-0458
Type: BK ROC-60	S-3
Drawn By: SJF	Drawing No.
Scale: As Noted	