

Roof Nailing Plan

EDGE NAIL @

SHEATHING PERIMETER

INTERMEDIATE MEMBERS

STAGGER SHEATHING

— FIELD NAIL @ ALL

CROSSING WEB MEMBER

- (2) 2x6 W/ SIMSPON LUS26-2

 3" FENDER WASHERS & NUTS TOP & BOT

HANGER EA END @ 32" OC

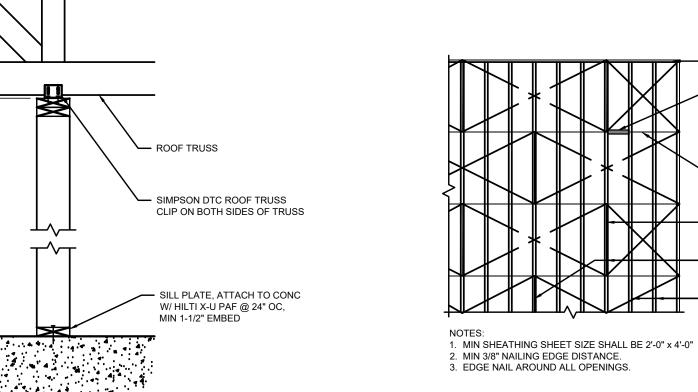
- ALL-THREAD HANGING ROD,

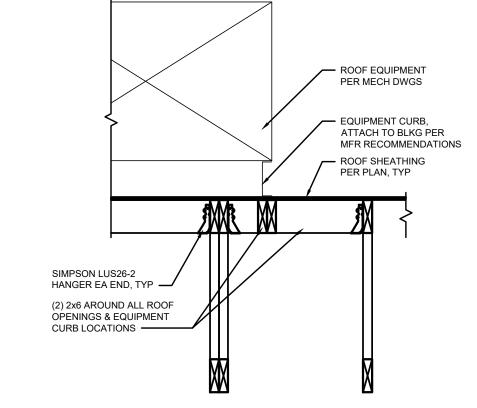
REF ARCH OR EQUIPMENT MFR FOR RECOMMENDED DIA

TO SIDE OF TRUSS

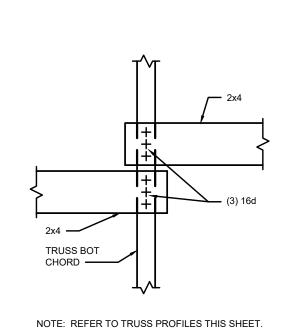
Typical Header Detail

Typical Detail at Roof Perimeter



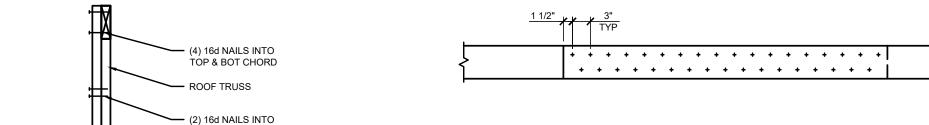


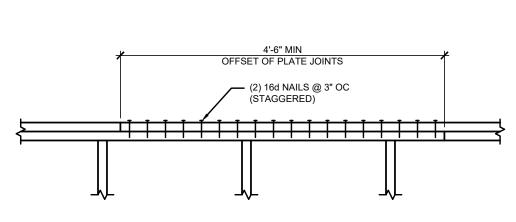




Non-Brg Wall Support - Perp to Truss

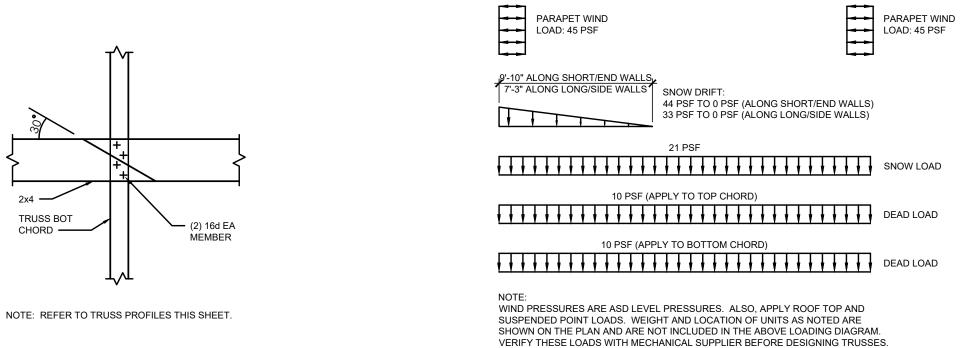
Hanging Bulkhead or Hood Detail



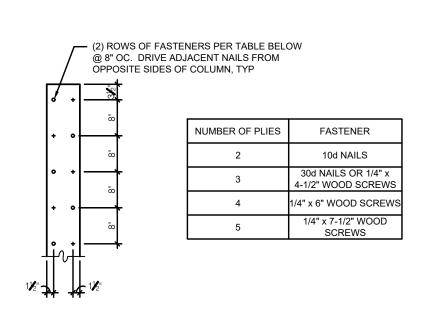


Typical Plate Lap Detail

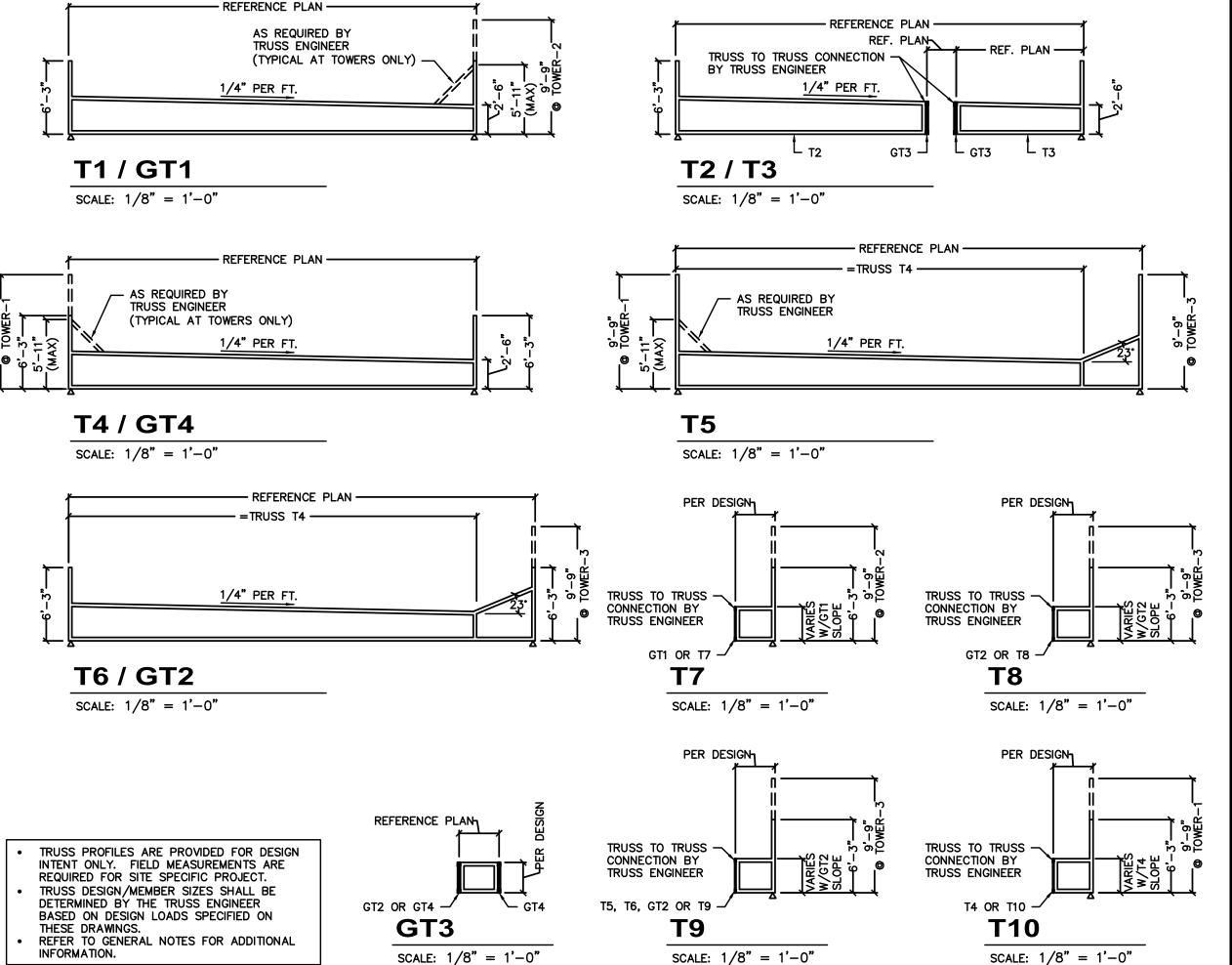


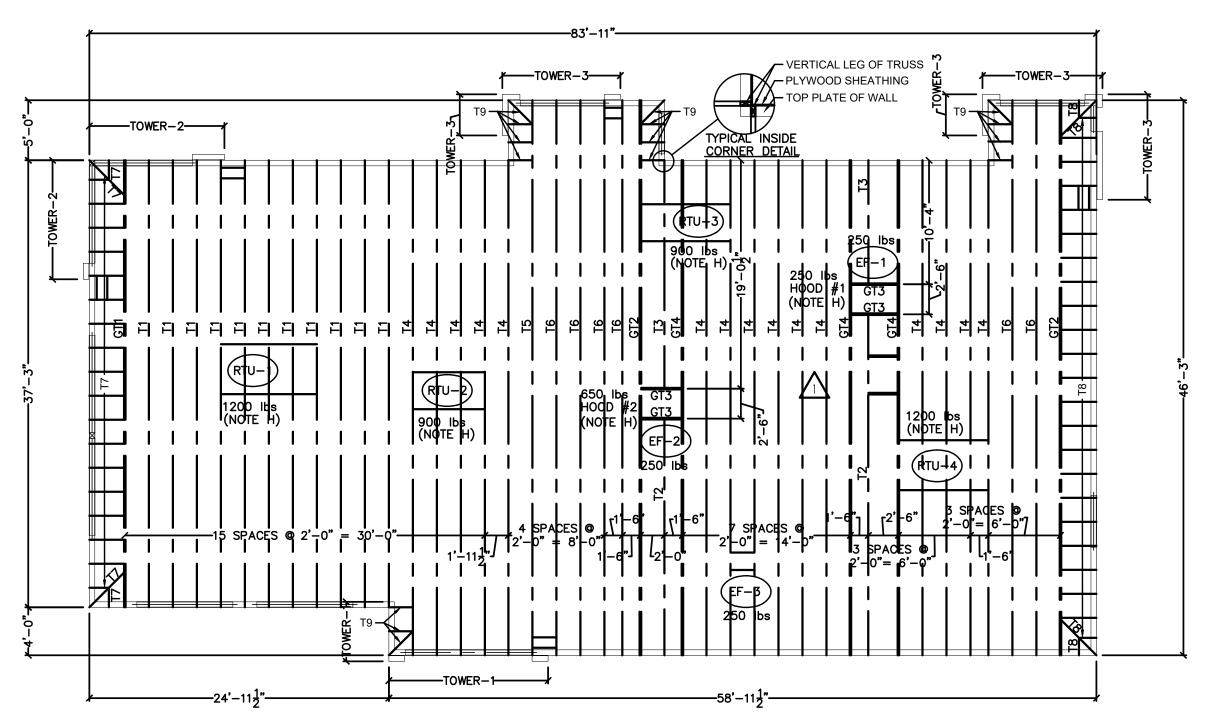






Built-Up 2x6 Column Detail





OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS.

TRUSSES BY THE TRUSS MER

MINIMUM STANDARD.

OUT-OF-PLANE BENDING.

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

ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE

DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND &

SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS

THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT

LATERAL LOADS. GC SHALL COORDINATE SIZE, LOCATION & WEIGHT OF EQUIPMENT W/ MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT

INSTALLATION OF ALL TRUSSES SHALL BE PERFORMED USING A SPREADER BAR W/ A

## MANUFACTURED ROOF TRUSS NOTES

Truss Profiles

SCALE: 1/8" = 1'-0"

- A. MFR'D ROOF TRUSSES ARE 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 YORK). 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. MER. SHALL PROVIDE HANGERS & CONNECTIONS BETWEEN TRUSSES. GC SHALL REVIEW & APPROVE DIMENSIONS, SHAPES & DETAILS SHOWN ON SHOP DWGS PRIOR TO
- TRUSS MER SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS ROOF CONNECTORS ARE BASED UPON SIMPSON STRONG TIE OR APPROVED EQUAL.

SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW & COMMENT.

- D. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN & CONSISTENTLY SIZED THROUGHOUT PROJECT, UNLESS NOTED.
- Roof Truss Plan
- E. REFER TO TRUSS PROFILES FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION J. ROOF TRUSSES THAT ARE DAMAGED DUE TO IMPROPER HANDLING, AS DETERMINED RY THE ARCHITECT OR THEIR DESIGNATED REPRESENTATIVE, SHALL BE REMOVED FROM THE JOB SITE AND REPLACED AT THE CONTRACTOR'S EXPENSE.
- K. TRUSSES SHALL BE DESIGNED W/ A MAXIMUM ALLOWABLE LIVE LOAD DEFLECTION OF THE POSITIONS, WEIGHTS, & METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS,
  - L/360, AND A MAXIMUM TOTAL LOAD DEFLECTION OF L/240.
  - TRUSS BOTTOM CHORD BRIDGING SHALL BE 2x4 MIN AND SPACED AT 10'-0" OC MAX. M. EXCEPT AS NOTED, ALL TRUSS BEARING POINTS ARE @ 14'-0" ABOVE FINISH FLOOR.

Date Issued: A BKC Approval 10/29/202 1/21/202 | Permit Set Bid Set 1/24/202 3/14/202 Construction Set Date Revisions: 2/8/202 Addendum #1 PROJECT ARCHITECT/ENGINEER ROJECT LEAD DATE DATE ROJECT DESIGNER Copyright © 2022 APD Engineering & Architecture, LLC Drawing Alteration t is a violation of law for any person, unless acting under the direction o licensed Architect, Professional Engineer, Landscape Architect, or Land Surveyor to alter any item on this document in any way. Any licensee who alters this document is required by law to affix his or her seal and <sup>.</sup> add the notation "Altered By" followed by his or her signature and the specific description of the alteration or revision DO NOT SCALE PLANS Copying, Printing, Software and other processes required to produce these prints can stretch or shrink the actual paper or layout. Therefore, scaling of this drawing may be inaccurate. Contact APD E&A with any need for additional dimensions or clarifications. ENGINEERING 615 Fishers Run Victor, NY 14564 585.742.2222 - www.apd.com Ampler Development LLC



Store # 322 Pottstown Ave Pennsburg, PA 18073 Montgomery County

Project Name & Location:

Burger King Inc.

Roof Truss Layout and Structural Details Drawing Name:

Project No. Date: 11/8/2021 21-0327 Type:ROC-2502

S-3 Drawn By: SJF

Scale: As Noted Drawing No.

Truss Bridging @ Open Ceiling Detail