FOR TRUSSES HAVING AN OVERALL LENGTH OF 35 FEET (10.7m) OR 6 FEET (1.8m) OVERALL HEIGHT, ERECTION SHALL BE SUPERVISED BY EITHER A REGISTERED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT RETAINED BY THE CONTRACTOR.

ALL TRUSSES SPACE 24" O.C. UNLESS OTHERWISE SPECIFIED.

NOTE: LABELING TRUSSES IS A SERVICE, NOT A REQUIREMENT. ENGINEERED DRAWINGS SUPERSEDES LABELING OF TRUSSES. IT IS THE RESPONSIBILITY OF THE BUILDER TO UTILIZE ENGINEERED DRAWINGS WHEN ERECTING THE TRUSSES.

UPLIFT CONNECTORS TO TRUSSES AND GIRDER TRUSSES IS THE RESPONSIBILITY OF THE ENGINEER, ARCHITECT, OR GC. NOT THE FABRICATOR. DO NOT CUT OR ALTER TRUSSES BEFORE NOTIFYING AND/OR APPROVAL IN WRITING BY FORT DALLAS TRUSS CO.

ALL NECESSARY REPAIRS TO TRUSSES MUST BE REPORTED TO FORT DALLAS TRUSS CO. WITHIN 48 HOURS OF DISCOVERY. TRUSS LAYOUT IS A PLACEMENT PLAN ONLY.

REVISION OF THIS SHOP DRAWING BY PROFESSIONAL ENGINEER IS IN COMPLIANCE OF POLICY REGARDING TRUSS DESIGN DRAWINGS. ENGINEER IS RESPONSIBLE FOR ALL FUTURE REVISIONS THAT FORT DALLAS TRUSS CO. MAY HAVE TO MAKE TO THIS DESIGN. IT IS THE ENGINEER FOR COMPLETE CORRELATION OF THE INFORMATION PROVIDED IN THIS SHOP DRAWING WITH ALL OTHER TRADES, STRUCTURAL BEAMS, WALLS AND FOUNDATION REQUIREMENTS OF THE RBC.

****ATTENTION BUILDER****

**ALL DIMENSIONS, OVERHANGS, PITCH, ETC TO BE CHECKED BEFORE ORDERING TRUSSES IT IS YOUR RESPONSIBILITY TO CHECK OUR TRUSS PLAN**

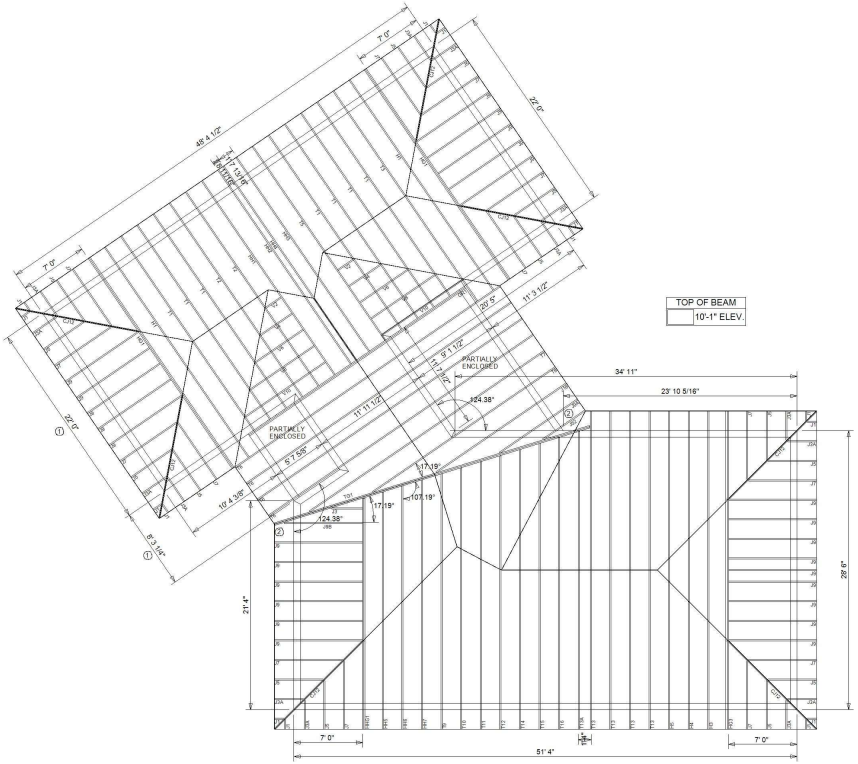
**JOSE MARTINEZ, P.E.**
**Consulting Engineer Civil/Structural**
**24 E. 5th Street**
**Hialeah, FL 33010**
**(Florida P.E. 031509)**

**STATEMENT in my professional judgement and to best of my knowledge and belief, these truss specifications comply with applicable building codes.**

SEAL

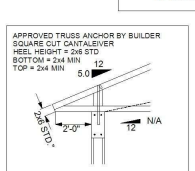
| DATE | BY | REVISION |
|---|---|---|
| 2-13-19 | GC | |
| 2-14-19 | GC | |

DRAWN BY: 2-14-19 GC
CHECKED BY: 2-14-19 TS
DRAWING NUMBER: 19B15




# ROOF TRUSS LAYOUT

SCALE = 3/16" = 1'-0"




TRUSS END DETAIL

**ALL HANGERS IN THIS TABLE MUST BE NAILED TO ITS FULL CAPACITY, WITH NAILS OR BOLTS AS REQUIRED BY SPECIFIC HANGER.**

**HANGER LIST**

| HANGER MANUF. | HANGER I.D. | TRUSS I.D. |
|---|---|---|
| | | |

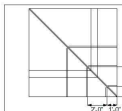
COMPONENTS/CLADDING ASCE 7-10
TRUSS LOADING CONDITONS

| ROOF TRUSS | | FLOOR TRUSS | |
|---|---|---|---|
| TOP CHORD LIVE: | 30.0 | TOP CHORD LIVE: | N/A |
| TOP CHORD DEAD: | 15.0 | TOP CHORD DEAD: | N/A |
| BOTTOM CHORD DEAD: | 10.0 | BOTTOM CHORD DEAD: | N/A |
| TOTAL LOAD: | 55.0 | TOTAL LOAD: | N/A. |
| LUMBER STRESS INCREASE: | 1.33 | LUMBER STRESS INCREASE: | N/A |
| PLATE STRESS INCREASE: | 1.00 | PLATE STRESS INCREASE: | N/A |
| EXPOSURE CATEGORY: | | | C |
| BUILDING CATEGORY: | | | II |
| WIND DESIGN VELOCITY: | | | 170 MPH |
| IMPORTANCE FACTOR: | | | 1.00 |
| WIND LOAD DURATION FACTOR: | | | 1.60 |

**!!! IMPORTANT NOTE !!!** ERECTING ROOF TRUSSES IS A COMPLEX TASK TO BE PERFORMED BY EXPERIENCED PROFESSIONALS. FORT DALLAS TRUSS CO. EXPECTS THE TRUSS ERECTION PERSON TO THOROUGHLY PREP THESE TRUSSES BEFORE ERECTING THEM. NO CONSIDERATION WILL BE MADE BY FORT DALLAS TRUSS CO. FOR LOSS OF TIME OR ADDITIONAL CRANE USAGE. FORT DALLAS TRUSS CO. WILL BE RESPONSIBLE ONLY FOR REPLACING OR REPAIRING DAMAGED TRUSSES OR THOSE WITH MANUFACTURING DEFECTS OR DO NOT CONFORM TO APPROVED LAYOUT.

TRUSSES ARE DESIGNED IN ACCORANCE WITH FBC UNLESS OTHERWISE SPECIFIED

SHEATHING UNDER ALL VALLEY SETS BY BLDR.



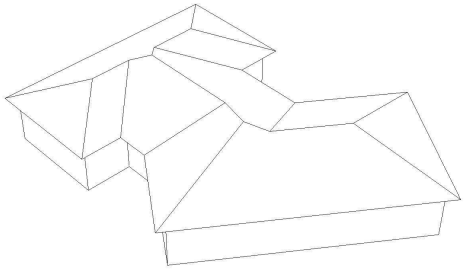

CANT. CORNER SET SPACING(TYP.)

PLEASE REFER TO INDIVIDUAL ENGINEERING SHEETS FOR NUMBER OF PLIES AND NAILING/BOLTING PATTERN REQUIRED FOR GIRDER TRUSSES. SET-BACK FOR HIPS, ETC.

NOTE: NORMALLY ALL TRUSSES ARE SPACED 24" O.C.

ALL UPLIFT CONNECTION TO TRUSSES AND GIRDER TRUSSES IS THE RESPONSIBILITY OF ENG., ARCH., OR GENERAL CONTRACTOR

★ SPECIAL HANGERS BY PURCHASER OF TRUSS PACKAGE



# 3D-VIEW

FORT DALLAS TRUSS COMPANY, LLC.
FABRICATORS OF INDUSTRIALIZED WOOD TRUSSES
1-800-273-5189
DESIGN FORT WWW.FORTDALLASTRUSS.COM

SHOP DRAWING APPROVAL
I HAVE VERIFIED ALL DIMENSIONS, TRUSS LOADS, AND APPROVE THIS FABRICATION. TRUSSES WILL BE ERECTED AS SPECIFIED.

DATE _____

BY _____ AND/OR _____

CUSTOMER:
JOB NAME:
JOB ADDRESS:
SALESPERSON:
MODEL:
LEGAL ADDRESS:

THIS TRUSS PLACEMENT DIAGRAM IS TYPICAL FOR THE BUILDER, GENERAL CONTRACTOR, AND CONSTRUCTION MANAGER TO SEE IT IS NOT INTENDED TO BE A CONSTRUCTION SHOP DRAWING PLAN. THE ARCHITECT IS THE RESPONSIBLE OF THE PLACEMENT OF THE TRUSSES, BRACING AND DETAILS. REFER TO TPI BULLETIN HES-91

**INSTALLATION AND USE:** DO NOT CUT OR ALTER TRUSSES WITHOUT FIRST CONTACTING THE TRUSS DESIGNER. DO NOT INSTALL ANY TRUSSES AND REPORT ANY DAMAGED TRUSSES TO THE JOB SITE SUPERVISOR. INSTALL TRUSSES IN ACCORDANCE WITH THE TPI STANDARDS. THE SAFE INSTALLATION OF THESE COMPONENTS IS THE SOLE RESPONSIBILITY OF THE INSTALLING CONTRACTOR. FORT DALLAS TRUSS CO. ASSUMES NO RESPONSIBILITY FOR THE INSTALLATION OF THESE COMPONENTS OR THE ANCILLARY BRACING. ANY QUESTIONS REGARDING OUR COMPONENTS SHOULD BE DIRECTED TO OUR OFFICE. FOR ADDITIONAL INFORMATION REGARDING THE INSTALLATION, HANDLING, AND STORAGE OF METAL CONNECTED WOOD TRUSSES, REFER TO BCSI 1 PLUS, AND CLICK OF PROPERTY AND/OR BUILDING COMPONENT SAFETY INFORMATION, BY TRUSS TYPE AVAILABLE FROM TPI. CONTRACTORS WITH SUFFICIENT EXPERIENCE IN TRUSS INSTALLATION SHOULD BE ENGAGED.

ROOF AREA: 3625.48 SQ. FT.

DIFFERENT TRUSS DESIGN
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