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 DRAWING'S REFERENCES 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 STATEMENT NO. 707 OF THE BOARD FOR PROFESSIONAL ENGINEERS. IT IS THE RESPONSIBILITY OF THE BUILDING COMPONENT MANUFACTURER'S QUALIFIED ENGINEER TO REVIEW AND APPROVE THIS DESIGN AND TO REFER ENGINEER FOR COMPLETE CORRELATION OF THE INFORMATION PROVIDED IN THIS SHOP DRAWING WITH ALL OTHER TRADES, STRUCTURAL BEAMS, WALLS AND FOUNDATION REQUIREMENTS OF THE FBC.

****ATTENTION BUILDER****

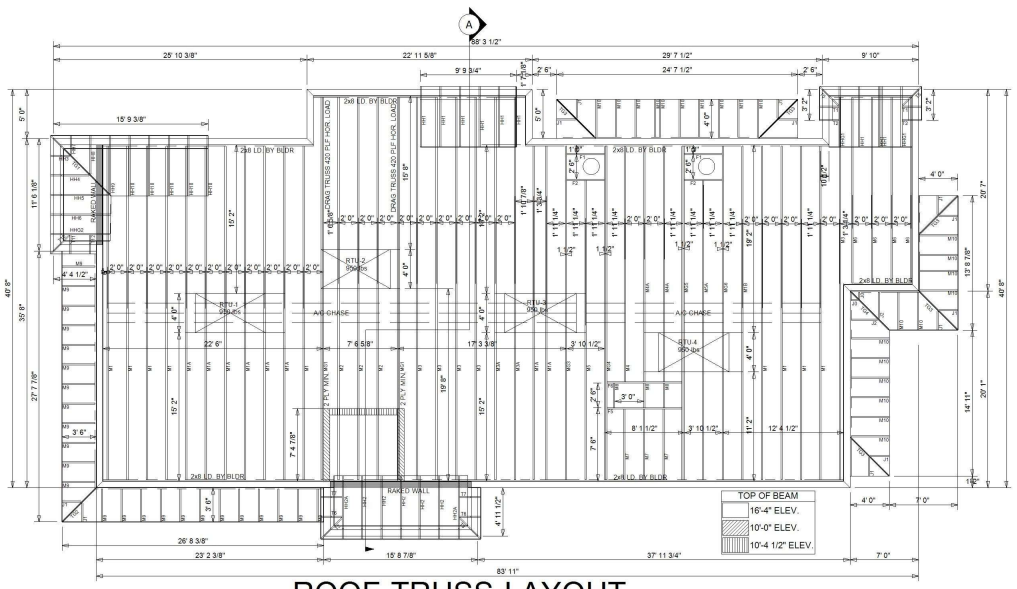
**ALL DIMENSIONS, OVERHANGS, PITCH, ETC TO BE CHECKED BEFORE ORDERING TRUSSES IT IS YOUR RESPONSIBILITY TO CHECK OUR TRUSS PLAN**


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


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

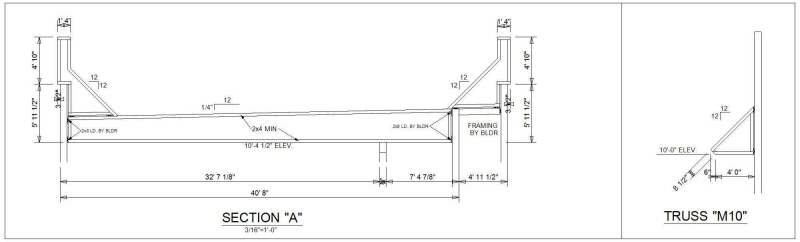
SEAL

| DATE | BY | DESCRIPTION |
|---|---|---|
| 5-31-18 | GC | ENGINEER |
| 5-31-18 | JMS | DRAWN BY |
| 18E38 | | JOB NO. |




# ROOF TRUSS LAYOUT

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




SECTION "A"

3/16"=1'-0"




TRUSS "M10"

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

**HANGER LIST**

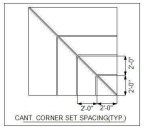
| HANGER MANUF. | HANGER I.D. | TRUSS I.D. |
|---|---|---|
| | | |

| 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: | 1.00 | 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

ROOF AREA: 3897.83 SQ. FT.

FOR DALLAS TRUSS COMPANY, LLC.

FABRICATORS OF TRUSSES TO ANSI/TPI 1 STANDARD

DESIGNED FOR 130 MPH ULTIMATE WIND SPEED

1-800-229-5169

WWW.FORTDALLASTRUSS.COM

FAX (305) 887-7727

ROOF BRACING APPROVAL

I HAVE VERIFIED ALL BRACING REQUIREMENTS, TRUSS LAYOUTS AND APPROVED THIS ASSEMBLY. TRUSSES ARE NOT TO BE ERECTED UNTIL ALL BRACING IS INSTALLED.

BY _____ DATE _____

CUSTOMER: _____

JOB NAME: _____

JOB ADDRESS: _____

SALESPERSON: _____

MODEL: _____

LEGAL ADDRESS: _____

INSTALLATION AND USE: DO NOT CUT OR ALTER TRUSSES WITHOUT FIRST CONSULTING YOUR TRUSS DESIGNER. DO NOT ERECT ANY DAMAGED TRUSSES. INSPECT AND REPORT ANY DAMAGED TRUSSES BEFORE INSTALLATION. FAILURE TO DO SO MAY BE BASIS FOR REJECTION OF TRUSSES AFTER INSTALLATION. IT IS THE BUILDER'S RESPONSIBILITY TO PROVIDE TEMPORARY AND PERMANENT BRACING OF THESE COMPONENTS IN THE SPECIFIC DESIGN AND LOCATIONS SHOWN ON INDIVIDUAL TRUSS DESIGN DRAWINGS OR AS OTHERWISE REQUIRED. BRACING SHOWN IS FOR LATERAL SUPPORT OF TRUSS MEMBERS ONLY. BRACING TO PREVENT BUCKLING OF ENTIRE STRUCTURE IS THE RESPONSIBILITY OF THE ERECTOR. FOR GABLED ENDS, BRACE PARALLEL TO PLANE OF TRUSS AT 10'-0" O.C. MAXIMUM. FOR HIPPED ENDS, BRACE DIAGONALLY FROM TOP CHORD OF END VERTICAL TO NEXT INTERIOR VERTICAL AT 10'-0" O.C. MAXIMUM. ALL BRACING MUST BE SECURELY ANCHORED. CONNECTIONS SHOWN ARE FOR TRUSS DESIGN ONLY. BUILDING DESIGNER IS RESPONSIBLE FOR DESIGN OF SUPPORTING STRUCTURE. ALL CONNECTIONS MUST BE MADE WITH METAL CONNECTOR PLATES OF SIZE SHOWN ON DESIGN DRAWING, EXCEPT AS NOTED. CONNECTOR PLATES MUST BE INSTALLED IN PAIRS, ONE ON EACH FACE OF TRUSS, CENTERED ON EACH JOINT. DO NOT OVERLOAD TRUSSES DURING CONSTRUCTION. AVOID CONCENTRATED LOADS EXCEEDING 200 LBS. APPLIED TO ANY ONE TRUSS. DO NOT STACK BUILDING MATERIALS ON TRUSSES WITHOUT FIRST CHECKING WITH BUILDING DESIGNER. BODILY INJURY AND LOSS OF PROPERTY MAY RESULT FROM FAILURE TO OBSERVE THESE AND OTHER PRECAUTIONS. CONTRACTORS WITH INSUFFICIENT EXPERIENCE IN TRUSS INSTALLATION SHOULD NOT ATTEMPT IT.

THE TRUSS PLACEMENT DIAGRAM IS ONLY FOR THE USE OF THE BUILDER, GENERAL CONTRACTOR, AND/OR INSTALLING CONTRACTOR. ANY OTHER USE OF IT IS NOT INTENDED TO BE.

THE BUILDING DESIGNER SHALL SPECIFY ON THE PLAN, THE LOCATION OF THE REQUIRED LATERAL BRACING FOR THE ENTIRE STRUCTURE.

DIFFERENT TRUSS DESIGN

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