

DATE 01/28/2008

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000026671

APPLICANT VERNON MASTERS PHONE 288-2055
ADDRESS 4295 SW BIRLEY AVE LAKE CITY FL 32024
OWNER MICHAEL STREICHER PHONE _____
ADDRESS 498 NW COUNTRY LAKE GLEN LAKE CITY FL 32055
CONTRACTOR VERNON MASTERS PHONE 288-2055
LOCATION OF PROPERTY 90W, TR ON LAKE JEFFERY RD, TL ON SCENIC LAKE DR, TR ON
COUNTRY LAKE GLEN, 17TH LOT ON RIGHT (1/2 MILE)
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 172700.00
HEATED FLOOR AREA 2312.00 TOTAL AREA 3454.00 HEIGHT _____ STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT _____
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO. _____

PARCEL ID 22-3S-16-02267-131 SUBDIVISION COUNTRY LAKE AT WOODBOROUGH
LOT 31 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

000001535 CBC051320 Vernon L Masters
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 08-0086 BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: MFE: 139.5, ELEVATION CONFIRMATION LETTER REQUESTED AT SLAB

NOC ON FILE

Check # or Cash 1735

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by date/app. by date/app. by
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by date/app. by date/app. by
Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by date/app. by
Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by date/app. by date/app. by
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by date/app. by
Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by date/app. by date/app. by
M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 865.00 CERTIFICATION FEE \$ 17.27 SURCHARGE FEE \$ 17.27
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 999.54
INSPECTORS OFFICE [Signature] CLERKS OFFICE [Signature]

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

For Office Use Only Application # 0801-81 Date Received 1/17/08 By GS Permit # 1535/26671
Zoning Official BLK Date 25.01.08 Flood Zone new plat FEMA Map # N/A Zoning RSF-2
Land Use Residential Elevation N/A MFE 139.5 River N/A Plans Examiner OKJTH Date 1-23-08
Comments Elevation Confirmation Letter Request - 08-0086 -
☒ NOC ☐ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Authorization from Contractor well letter included
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. _____ Fax _____

Name Authorized Person Signing Permit VERNON MASTERS Phone 386-288-2055Address 4295 SW Birley Ave LAKE CITY FL 32024Owners Name Michael Streicher Phone _____911 Address 498 NW Country LAKE GLEN, L.C. 32055Contractors Name VERNON MASTERS Phone 386 288 2055Address 4295 SW Birley Ave. Lake City FL 32024

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address MARK DISWAY P.E. PO BOX 868 LAKE CITY FL 32056

Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress EnergyProperty ID Number 22-35-16-02267-131 Estimated Cost of Construction 295,000Subdivision Name COUNTRY LAKE AT WOODBOROUGH Lot 31 Block _____ Unit _____ Phase 2Driving Directions WEST ON LAKE Jeffery Road to Woodborough subdivision,
take a left on Scenic LAKE Drive, follow to Country LAKE Glen on right
1/2 mile on right 17th on right Number of Existing Dwellings on Property 0Construction of SFD Total Acreage .76 Lot Size 143 x 230Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 19' 5 1/2"Actual Distance of Structure from Property Lines - Front 70 Side 35 Side 41 Rear 93Number of Stories 1 Heated Floor Area 2312 Total Floor Area 3454 Roof Pitch 7/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

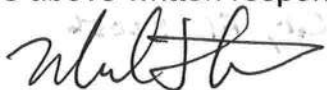
FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

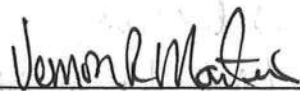
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.



Owners Signature

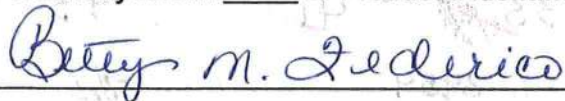
CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.



Contractor's Signature (Permitee)

Contractor's License Number CBC051320
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 15 day of January 2008
Personally known _____ or Produced Identification FDR #236876542110



State of Florida Notary Signature (For the Contractor)

SEAL:



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006
Supplements and One (1) and Two (2) Family Dwellings**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE- AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the Residential Code (Florida Wind speed map) SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

GENERAL REQUIREMENTS:

- Two (2) complete sets of plans containing the following:
 - All drawings must be clear, concise and drawn to scale, details that are not used shall be marked void
 - Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
 - Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents per FBC 106.1.

Site Plan information including:

- Dimensions of lot or parcel of land
- Dimensions of all building set backs
- Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.
- Provide a full legal description of property.

✓ Wind-load Engineering Summary, calculations and any details required:

- Plans or specifications must meet state compliance with FRC Chapter 3
- The following information must be shown as per section FRC
- Basic wind speed (3-second gust), miles per hour
- Wind importance factor and nature of occupancy
- Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- The applicable internal pressure coefficient, Components and Cladding The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional.

✓ Elevations Drawing including:

- All side views of the structure
- Roof pitch
- Overhang dimensions and detail with attic ventilation
- Location, size and height above roof of chimneys
- Location and size of skylights with Florida Product Approval
- Number of stories
- e) Building height from the established grade to the roofs highest peak

Floor Plan including:

- Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies and raised floor surfaces located more than 30 inches above the floor or grade
- All exterior and interior shear walls indicated
- Shear wall opening shown (Windows, Doors and Garage doors)
- Emergency escape and rescue opening in each bedroom (net clear opening shown)
- Safety glazing of glass where needed
- Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FRC)
- Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FRC 311)
- Plans must show and identify accessibility of bathroom (see FRC 322)

All materials placed within opening or onto/into exterior shear walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

Foundation Plans Per FRC 403:

- a) Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling.
- d) Assumed load-bearing value of soil _____ (psf)
- e) Location of horizontal and vertical steel, for foundation or walls (include # size and type)

CONCRETE SLAB ON GRADE Per FRC R506

- Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
- Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports

PROTECTION AGAINST TERMITES Per FRC 320:

- Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides

Masonry Walls and Stem walls (load bearing & shear Walls) FRC Section R606

- Show all materials making up walls, wall height, and Block size, mortar type
- Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

- Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer
- Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers
- Girder type, size and spacing to load bearing walls, stem wall and/or piers
- Attachment of joist to girder
- Wind load requirements where applicable
- Show required under-floor crawl space
- Show required amount of ventilation opening for under-floor spaces
- Show required covering of ventilation opening.
- Show the required access opening to access to under-floor spaces
- Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing
- Show Draft stopping, Fire caulking and Fire blocking
- Show fireproofing requirements for garages attached to living spaces, per FRC section R309
- Provide live and dead load rating of floor framing systems (psf).

WOOD WALL FRAMING CONSTRUCTION FRC CHAPTER 6

- Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls.
- Fastener schedule for structural members per table R602.3 (1) are to be shown.
- Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing
- Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems.
- Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FRC Table R502.5 (1)
- Indicate where pressure treated wood will be placed.
- Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas
- A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail

ROOF SYSTEMS:

- Truss design drawing shall meet section FRC R802.10 Wood trusses. Include a layout and truss details and be signed and sealed by Fl. Pro. Eng.
- Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters
- Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- Provide dead load rating of trusses

Conventional Roof Framing Layout Per FRC 802:

- Rafter and ridge beams sizes, span, species and spacing
- Connectors to wall assemblies' include assemblies' resistance to uplift rating.
- Valley framing and support details
- Provide dead load rating of rafter system.

ROOF SHEATHING FRC Table R602,3(2) FRC 803

- Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing on the edges & intermediate areas

ROOF ASSEMBLIES FRC Chapter 9

- Include all materials which will make up the roof assemblies covering; with Florida Product Approval numbers for each component of the roof assemblies covering.

FCB Chapter 13 Florida Energy Efficiency Code for Building Construction

- Residential construction shall comply with this code by using the following compliance methods in the FBC Subchapter 13-6, Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area
- Show the insulation R value for the following areas of the structure: Attic space, Exterior wall cavity and Crawl space (if applicable)

HVAC information shown

- Manual J sizing equipment or equivalent computation
- Exhaust fans locations in bathrooms

Plumbing Fixture layout shown

- All fixtures waste water lines shall be shown on the foundation plan

Electrical layout shown including:

- Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- Ceiling fans
- Smoke detectors
- Service panel, sub-panel, location(s) and total ampere ratings

- On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.
 - Appliances and HVAC equipment and disconnects
 - Arc Fault Circuits (AFCI) in bedrooms
-
- Notarized Disclosure Statement for Owner Builders
 - Notice of Commencement Recorded (in the Columbia County Clerk Office) Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done.

Private Potable Water

- Size of pump motor
- Size of pressure tank
- Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

- Building Permit Application: A current Building Permit Application form is to be completed and submitted for all residential projects.
- Parcel Number: The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
- Environmental Health Permit or Sewer Tap Approval: A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
- City Approval: If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
- Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.** A development permit will also be required. The permit cost is \$50.00.
- Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
- 911 Address: If the project is located in an area where the 911 address has been issued, then the proper Paper work from the 911 Addressing Departments must be submitted. (386) 758-1125

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOTIFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 22-35-16-02267-131

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): ATTACHED - LOT 31 Country Lake at Woodborough
a) Street (job) Address: COUNTRY LAKE GLEN
2. General description of improvements: NEW RESIDENCE
3. Owner Information
a) Name and address: MICHAEL STREICHER 3101 WEST US HWY 90 STE. 201 LAKE CITY FL 32855
b) Name and address of fee simple titleholder (if other than owner):
c) Interest in property:
4. Contractor Information
a) Name and address: VERNON MASTERS Construction Inc 4295 SW Birley Ave LC 32027
b) Telephone No.: 386 258 2055 Fax No. (Opt.): 386 755 4293
5. Surety Information
a) Name and address:
b) Amount of Bond:
c) Telephone No.: Fax No. (Opt.):
6. Lender
a) Name and address:
b) Phone No.:
7. Identity of person within the State of Florida designated by owner upon whom notice:
a) Name and address: Inst: 200812000940 Date: 1/16/2008 Time: 11:07 AM
b) Telephone No.: Fa 19 DC, P. DeWitt Cason, Columbia County Page 1 of 1
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name and address:
b) Telephone No.: Fax No. (Opt.):
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified):

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. [Signature] - Vernon R Masters
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Michael Streicher - VERNON R MASTERS
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 15 day of January, 20 08, by:
Vernon masters as president (type of authority, e.g. officer, trustee, attorney
fact) for Michael Streicher (name of party on behalf of whom instrument was executed).
Personally Known ☐ OR Produced Identification ☒ Type FLDL# 236876542110

Notary Signature Betty M. Federico Notary Stamp or Seal:



11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that the facts stated in it are true to the best of my knowledge and belief.

[Signature]
Signature of Natural Person Signing (in line #10 above.)

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 07-475

Property Appraiser's
Parcel Identification No.
22-3S- [REDACTED]

Recording Fee \$ 18.50
Documentary Stamp \$ 284.90

Inst:200812000478 Date:1/10/2008 Time:8:13 AM
Doc Stamp-Deed:284.90
16 DC,P.DeWitt Cason,Columbia County Page 1 of 2

WARRANTY DEED

THIS INDENTURE, made this 9th day of January 2008, BETWEEN MS, DM & BL, LLC, a Florida limited liability company, whose post office address is 3101 US Highway 90 W, Suite 101, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantor*, and MICHAEL STREICHER, whose post office address is 3101 US Highway 90 W, Suite 201, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantee*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

COMMENCE at the intersection of the Westerly Right-of-Way line of NW Country Lake Glen and the North line of the Southwest 1/4 of the Southeast 1/4 of Section 22, Township 3 South, Range 16 East, Columbia County, Florida and run South 06°11'10" East along said Westerly Right-of-Way line a distance of 82.25 feet to the POINT OF BEGINNING; thence continue South 06°11'10" East still along said Westerly Right-of-Way line a distance of 143.00 feet; thence South 83°48'50" West a distance of 230.00 feet; thence North 06°11'10" West a distance of 143.00 feet; thence North 83°48'50" East a distance of 230.00 feet to the POINT OF BEGINNING.

SUBJECT TO a 15 foot utility easement across the East 15 feet thereof and the West 15 feet thereof.

ALSO SUBJECT TO a 7.5 feet utility easement across the North 7.5 feet thereof and the South 7.5 feet thereof.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

TOGETHER WITH:

An easement, for ingress and egress purposes, being 60 feet in width, lying 30 feet left of and 30 feet right of the following described centerline.

COMMENCE at the Southeast corner of Lot 21, Country Lake in Woodborough Phase 1, a subdivision recorded in Plat Book 8, Pages 97-99 of the Public Records of Columbia County, Florida and run South 64°35'39" East along the South line of said Country Lake in Woodborough Phase 1 a distance of 30.38 feet to a point on a curve and the POINT OF BEGINNING, said curve being concave to the East having a radius of 1000.00 feet and a central angle of 08°36'38"; thence Southerly along the arc of said curve a distance of 150.28 feet to the point of tangency of said curve; thence South 07°34'06" West a distance of 221.27 feet to the point of curve of a curve concave to the East having a radius of 230.00 feet and a central angle of 13°45'16"; thence Southerly along the arc of said curve a distance of 55.21 feet to the point of tangency of said curve; thence South 06°11'10" East a distance of 331.50 feet to the TERMINAL POINT of herein described centerline and easement.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

*"Grantor" and "grantee" are used for singular or plural, as context requires.

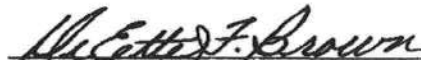
IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:

MS, DM & BL, LLC


(First Witness)
Terry McDavid
Printed Name

By  (SEAL)
DEBORAH S. MYLES
Managing Member

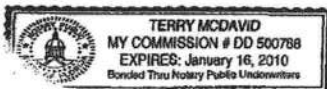

(Second Witness)
DeEtte F. Brown
Printed Name

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 9th day of January 2008, by DEBORAH S. MYLES, Managing Member of MS, DM & BL, LLC, a Florida limited liability company, on behalf of said company, who is personally known to me and who did not take an oath.

My Commission Expires:


Notary Public



DESCRIPTION

Wednesday, December 12, 2007

For: Mike Streicher

An easement, for ingress and egress purposes, being 60 feet in width, lying 30 feet left of and 30 feet right of the following described centerline.

COMMENCE at the Southeast corner of Lot 21, Country Lake in Woodborough Phase 1, a subdivision recorded in Plat Book 8, Pages 97-99 of the Public Records of Columbia County, Florida and run South $64^{\circ}35'39''$ East along the South line of said Country Lake in Woodborough Phase 1 a distance of 30.38 feet to a point on a curve and the POINT OF BEGINNING, said curve being concave to the East having a radius of 1000.00 feet and a central angle of $08^{\circ}36'38''$; thence Southerly along the arc of said curve a distance of 150.28 feet to the point of tangency of said curve; thence South $07^{\circ}34'06''$ West a distance of 221.27 feet to the point of curve of a curve concave to the East having a radius of 230.00 feet and a central angle of $13^{\circ}45'16''$; thence Southerly along the arc of said curve a distance of 55.21 feet to the point of tangency of said curve; thence South $06^{\circ}11'10''$ East a distance of 331.50 feet to the TERMINAL POINT of herein described centerline and easement.

PREPARED BY:

Donald F. Lee & Associates
140 NW Ridgewood Avenue
Lake City, Florida 32055
Donald@dfla.com

145

Site PLAN

93

41'

35'

70'

MIN. Floor
EL. 139.5

LOT 31

15'

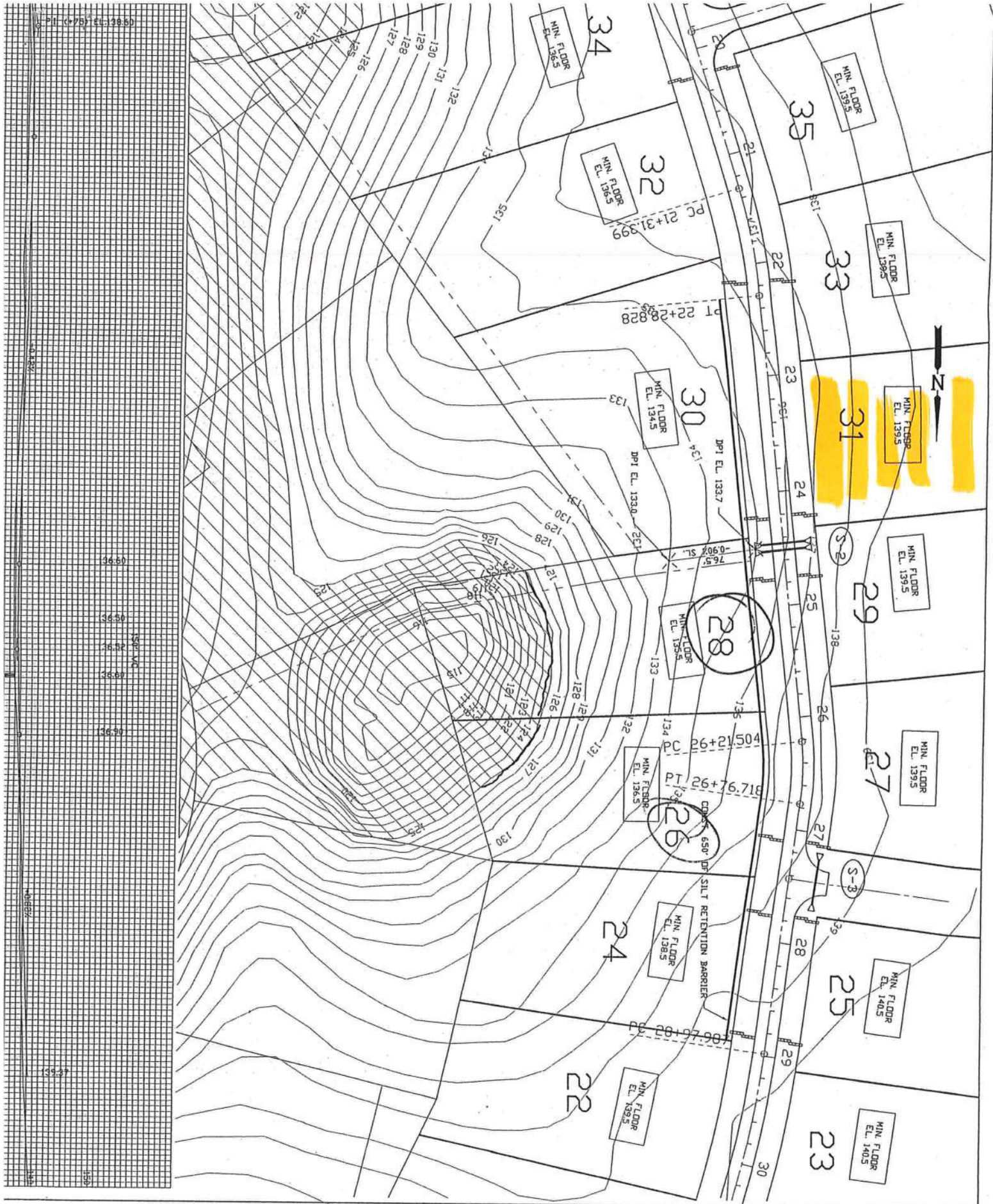
143'

COUNTRY LAKES GLENN

EL. 136

230'

N



HUEY HAWKINS, PE

Engineering - Land Development - Construction

HUEY HAWKINS
 6855 SW ELIM CHURCH ROAD
 FORT WHITE, FL. 32038
 PHONE NO. 386-755-2295

Water Wells
Pumps & Service

Phone: (386) 752-6877
Fax: (386) 752-1477

Lynch Well Drilling, Inc.

173 SW Young Place
Lake City, FL 32025
www.lynchwelldrilling.com

January 14, 2008

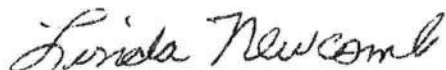
To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the Mike Streicher well:

Size of Pump Motor:	1 Horse Power
Size of Pressure Tank:	81-Gallon Bladder Tank
Cycle Stop Valve Used:	No

Should you require any additional information, please contact us.

Sincerely,



Linda Newcomb
Lynch Well Drilling, Inc.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **712111Streicher,Michael**
 Address: **Lot: , Sub: Woodborough, Plat:**
 City, State: **, FL**
 Owner: **Streicher, Michael**
 Climate Zone: **North**

Builder: **MASKETS**
 Permitting Office: **Columbia**
 Permit Number: **26671**
 Jurisdiction Number: **221000**

- | | | |
|---|------------------------------|-----|
| 1. New construction or existing | New | ___ |
| 2. Single family or multi-family | Single family | ___ |
| 3. Number of units, if multi-family | 1 | ___ |
| 4. Number of Bedrooms | 3 | ___ |
| 5. Is this a worst case? | Yes | ___ |
| 6. Conditioned floor area (ft²) | 2312 ft² | ___ |
| 7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default) | | ___ |
| a. U-factor: | Description Area | |
| (or Single or Double DEFAULT) | 7a. (Dble Default) 360.3 ft² | ___ |
| b. SHGC: | | |
| (or Clear or Tint DEFAULT) | 7b. (Clear) 360.3 ft² | ___ |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 243.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | |
| a. Frame, Wood, Exterior | R=13.0, 1421.7 ft² | ___ |
| b. Frame, Wood, Adjacent | R=13.0, 412.0 ft² | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 2350.0 ft² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | |
| a. Sup: Unc. Ret: Unc. AH: Interior | Sup. R=6.0, 185.0 ft | ___ |
| b. N/A | | ___ |

- | | | |
|--|-------------------|-----|
| 12. Cooling systems | | |
| a. Central Unit | Cap: 49.0 kBtu/hr | ___ |
| | SEER: 13.00 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 13. Heating systems | | |
| a. Electric Heat Pump | Cap: 49.0 kBtu/hr | ___ |
| | HSPF: 7.90 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 14. Hot water systems | | |
| a. Electric Resistance | Cap: 40.0 gallons | ___ |
| | EF: 0.93 | ___ |
| b. N/A | | ___ |
| c. Conservation credits | | ___ |
| (HR-Heat recovery, Solar | | |
| DHP-Dedicated heat pump) | | |
| 15. HVAC credits | | ___ |
| (CF-Ceiling fan, CV-Cross ventilation, | | |
| HF-Whole house fan, | | |
| PT-Programmable Thermostat, | | |
| MZ-C-Multizone cooling, | | |
| MZ-H-Multizone heating) | | |

Glass/Floor Area: 0.16

Total as-built points: 28780

Total base points: 32125

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: [Signature]
 DATE: 1-4-08

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____
 DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____
 DATE: _____



¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Woodborough, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2312.0	20.04	8339.8	Double, Clear	S	1.5	6.5	54.0	35.87	0.88	1698.2
				Double, Clear	S	12.0	4.5	6.0	35.87	0.43	93.4
				Double, Clear	SW	19.0	4.5	9.0	40.16	0.37	133.0
				Double, Clear	W	99.0	4.5	6.0	38.52	0.37	86.6
				Double, Clear	S	18.0	6.5	36.0	35.87	0.43	557.7
				Double, Clear	S	18.0	6.5	20.0	35.87	0.43	309.8
				Double, Clear	W	1.5	6.5	36.0	38.52	0.93	1285.8
				Double, Clear	SW	1.5	6.5	10.0	40.16	0.90	362.9
				Double, Clear	W	1.5	6.5	15.0	38.52	0.93	535.7
				Double, Clear	NW	1.5	6.5	10.0	25.97	0.94	243.4
				Double, Clear	N	1.5	6.5	15.0	19.20	0.95	272.9
				Double, Clear	N	1.5	8.5	72.0	19.20	0.97	1343.7
				Double, Clear	N	1.5	2.0	12.0	19.20	0.76	174.3
				Double, Clear	N	7.0	8.7	13.3	19.20	0.74	189.8
				Double, Clear	E	1.5	6.5	18.0	42.06	0.93	701.5
				Double, Clear	E	1.5	1.5	4.0	42.06	0.52	87.1
				Double, Clear	E	1.5	6.5	24.0	42.06	0.93	935.3
				As-Built Total:				360.3		9011.3	
WALL TYPES		Area X BSPM = Points		Type	R-Value		Area X SPM = Points				
Adjacent	412.0	0.70	288.4	Frame, Wood, Exterior	13.0		1421.7	1.50		2132.5	
Exterior	1421.7	1.70	2416.9	Frame, Wood, Adjacent	13.0		412.0	0.60		247.2	
Base Total:		1833.7	2705.3	As-Built Total:				1833.7		2379.7	
DOOR TYPES		Area X BSPM = Points		Type	Area X SPM = Points						
Adjacent	20.0	1.60	32.0	Exterior Insulated			40.0	4.10		164.0	
Exterior	60.0	4.10	246.0	Exterior Insulated			20.0	4.10		82.0	
				Adjacent Insulated			20.0	1.60		32.0	
Base Total:		80.0	278.0	As-Built Total:				80.0		278.0	
CEILING TYPES		Area X BSPM = Points		Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2312.0	1.73	3999.8	Under Attic	30.0		2350.0	1.73 X 1.00		4065.5	
Base Total:		2312.0	3999.8	As-Built Total:				2350.0		4065.5	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Woodborough, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT			
FLOOR TYPES	Area	X BSPM	= Points	Type	R-Value	Area	X SPM = Points
Slab	243.0(p)	-37.0	-8991.0	Slab-On-Grade Edge Insulation	0.0	243.0(p)	-41.20 -10011.6
Raised	0.0	0.00	0.0				
Base Total:			-8991.0	As-Built Total:			243.0 -10011.6
INFILTRATION	Area	X BSPM	= Points				
	2312.0	10.21	23605.5			2312.0	10.21 23605.5
Summer Base Points: 29937.4				Summer As-Built Points: 29328.5			
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier X Credit Multiplier = Cooling Points
29937.4	0.4266		12771.3	29328	1.00	(1.09 x 1.147 x 0.91) 0.263	1.000 8760.2
				29328.5	1.00	1.138	0.263 1.000 8760.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Woodborough, Plat: , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC Overhang Ornt Len Hgt Area X WPM X WOF = Points							
.18	2312.0	12.74	5301.9	Double, Clear	S	1.5	6.5	54.0	13.30	1.09	785.6
				Double, Clear	S	12.0	4.5	6.0	13.30	3.65	290.8
				Double, Clear	SW	19.0	4.5	9.0	16.74	2.03	306.0
				Double, Clear	W	99.0	4.5	6.0	20.73	1.24	153.9
				Double, Clear	S	18.0	6.5	36.0	13.30	3.66	1752.1
				Double, Clear	S	18.0	6.5	20.0	13.30	3.66	973.4
				Double, Clear	W	1.5	6.5	36.0	20.73	1.02	760.9
				Double, Clear	SW	1.5	6.5	10.0	16.74	1.05	175.8
				Double, Clear	W	1.5	6.5	15.0	20.73	1.02	317.0
				Double, Clear	NW	1.5	6.5	10.0	24.30	1.00	243.6
				Double, Clear	N	1.5	6.5	15.0	24.58	1.00	369.4
				Double, Clear	N	1.5	8.5	72.0	24.58	1.00	1770.7
				Double, Clear	N	1.5	2.0	12.0	24.58	1.01	299.3
				Double, Clear	N	7.0	8.7	13.3	24.58	1.02	332.0
				Double, Clear	E	1.5	6.5	18.0	18.79	1.03	348.6
				Double, Clear	E	1.5	1.5	4.0	18.79	1.29	96.6
				Double, Clear	E	1.5	6.5	24.0	18.79	1.03	464.9
				As-Built Total:				360.3	9440.6		
WALL TYPES Area X BWPM = Points				Type		R-Value		Area X WPM = Points			
Adjacent	412.0	3.60	1483.2	Frame, Wood, Exterior		13.0		1421.7	3.40		4833.8
Exterior	1421.7	3.70	5260.3	Frame, Wood, Adjacent		13.0		412.0	3.30		1359.6
Base Total:		1833.7	6743.5	As-Built Total:				1833.7	6193.4		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	20.0	8.00	160.0	Exterior Insulated				40.0	8.40		336.0
Exterior	60.0	8.40	504.0	Exterior Insulated				20.0	8.40		168.0
				Adjacent Insulated				20.0	8.00		160.0
Base Total:		80.0	664.0	As-Built Total:				80.0	664.0		
CEILING TYPES Area X BWPM = Points				Type		R-Value		Area X WPM X WCM = Points			
Under Attic	2312.0	2.05	4739.6	Under Attic		30.0		2350.0	2.05 X 1.00		4817.5
Base Total:		2312.0	4739.6	As-Built Total:				2350.0	4817.5		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Woodborough, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT			
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points	
Slab	243.0(p)	8.9	2162.7	Slab-On-Grade Edge Insulation	0.0	243.0(p)	18.80
Raised	0.0	0.00	0.0				
Base Total:				As-Built Total:			
2162.7				243.0			
4568.4							
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
2312.0 -0.59 -1364.1				2312.0 -0.59 -1364.1			
Winter Base Points: 18247.6				Winter As-Built Points: 24319.8			
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
18247.6 0.6274 11448.5				(sys 1: Electric Heat Pump 49000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 24319.8 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 12200.1 24319.8 1.00 1.162 0.432 1.000 12200.1			

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Woodborough, Plat: , , FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier X Credit Multiplier	= Total
3		2635.00	7905.0	40.0	0.93	3	1.00	2606.67 1.00	7820.0
				As-Built Total:					7820.0

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
12771		11449		7905	32125	8760		12200	7820 28780

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: Woodborough, Plat: , , FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.1

The higher the score, the more efficient the home.

Streicher, Michael, Lot: , Sub: Woodborough, Plat: , , FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 49.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	2312 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area		a. Electric Heat Pump	Cap: 49.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 360.3 ft ²	___		HSPF: 7.90
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 360.3 ft ²	___	c. N/A	___
8. Floor types		___	14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 243.0(p) ft	___	a. Electric Resistance	Cap: 40.0 gallons
b. N/A	___	___		EF: 0.93
c. N/A	___	___	b. N/A	___
9. Wall types		___	c. Conservation credits	___
a. Frame, Wood, Exterior	R=13.0, 1421.7 ft ²	___	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 412.0 ft ²	___	DHP-Dedicated heat pump)	
c. N/A	___	___	15. HVAC credits	___
d. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A	___	___	HF-Whole house fan,	
10. Ceiling types		___	PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2350.0 ft ²	___	MZ-C-Multizone cooling,	
b. N/A	___	___	MZ-H-Multizone heating)	
c. N/A	___	___		
11. Ducts		___		
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 185.0 ft	___		
b. N/A	___	___		

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____

Date: _____

Address of New Home: _____

City/FL Zip: _____



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

¹ Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLR2PB v4.1)

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 1/8/2008 DATE ISSUED: 1/22/2008

ENHANCED 9-1-1 ADDRESS:

498 NW COUNTRY LAKE DR

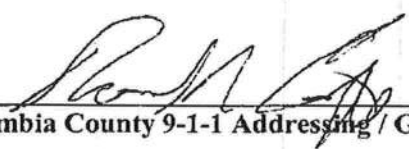
LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

22-3S-16-02267-131

Remarks:

PROPOSED LOT 31 COUNTRY LAKE AT WOODBOROUGH PHASE 2 S/D

Address Issued By: 

Columbia County 9-1-1 Addressing / GIS Department

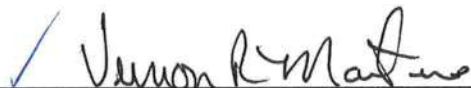
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

1112

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001535

DATE 01/28/2008 PARCEL ID # 22-3S-16-02267-131
APPLICANT VERNON MASTERS PHONE 288-2055
ADDRESS 4295 SW BIRLEY AVE LAKE CITY FL 32024
OWNER MICHAEL STREICHER PHONE _____
ADDRESS 498 NW COUNTRY LAKE GLEN LAKE CITY FL 32055
CONTRACTOR VERNON MASTERS PHONE 288-2055
LOCATION OF PROPERTY 90W, TURN ON LAKE JEFFERY RD, TL ON SCENIC LAKE DRIVE,
TR ON COUNTRY LAKE GLEN, 17TH LOT ON RIGHT (1/2 MILE)
SUBDIVISION/LOT/BLOCK/PHASE/UNIT COUNTRY LAKE AT WOOD 31

SIGNATURE 

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

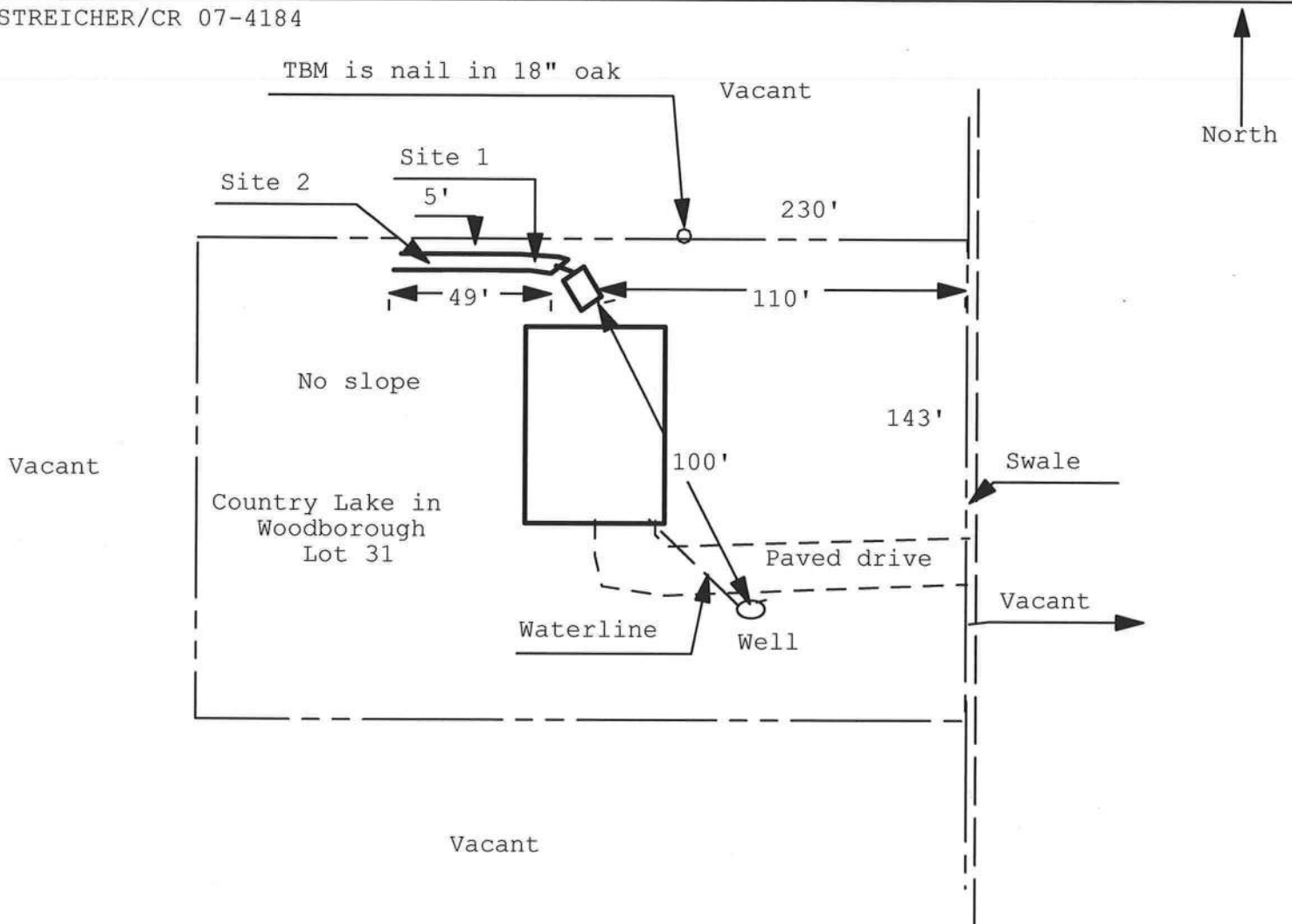
Amount Paid 25.00



**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 08-0086

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

STREICHER/CR 07-4184



1 inch = 50 feet

Site Plan Submitted By Paul Lopez Date 1/16/08
Plan Approved ☒ Not Approved ☐ Date 1/23/08
By Mr. A. Zund Columbia CPHU

Notes: _____

26671



Donald F. Lee & Associates, Inc.
Surveyors & Engineers

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
donald@dfia.com

Friday, February 29, 2008

FROM: Tim Delbene, P.L.S.

TO: Mike Streicher

RE: Floor Elevation Check – Lot 31 – Country Lake in Woodborough Phase 2

We have obtained elevations on the floor of a foundation under construction on the above referenced Lot. The elevations are based on Local Benchmark Datum. The results are as follows:

Floor Elevation (foundation): 141.26'

The minimum required floor elevation for this Lot is 139.5', as shown on the record subdivision plat of Country Lake in Woodborough Phase 2.

SIGNED: _____


Timothy A. Delbene, P.L.S.
Florida Reg. Cert. No. 5594

DATE: 10/16/2008

COLUMBIA COUNTY OFFICE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 22-3S-16-02267-131

Building permit No. 000026671

Use Classification SFD, UTILITY

Fire: 77.00

Permit Holder VERNON MASTERS

Waste: 201.00

Owner of Building MICHAEL STREICHER

Total: 278.00

Location: 498 NW COUNTRY LAKE GLEN, LAKE CITY, FL

Date: 10/06/2008

W. Jacques St. Paul

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Residential System Sizing Calculation

Summary

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

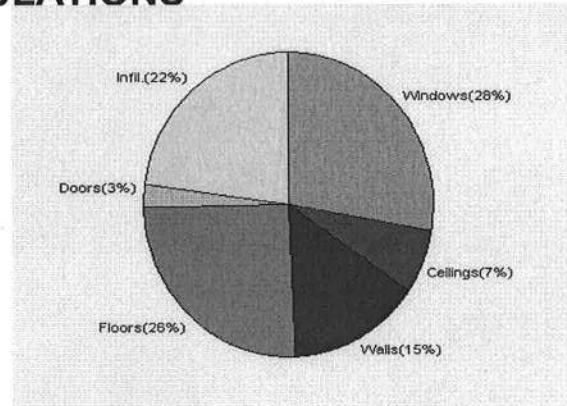
1/4/2008

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	41306 Btuh	Total cooling load calculation	37406 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	118.6 49000	Sensible (SHR = 0.75)	115.2 36750
Heat Pump + Auxiliary(0.0kW)	118.6 49000	Latent	222.4 12250
		Total (Electric Heat Pump)	131.0 49000

WINTER CALCULATIONS

Winter Heating Load (for 2312 sqft)

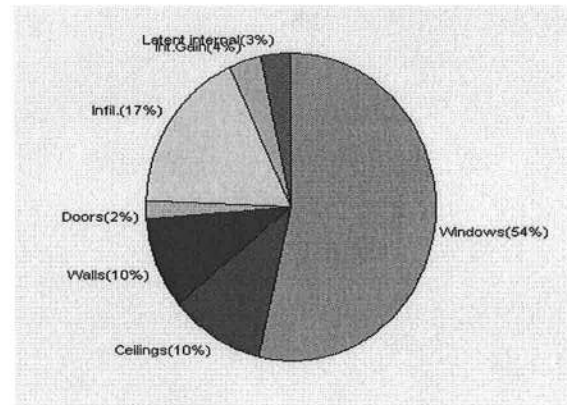
Load component		Load	
Window total	360 sqft	11598	Btuh
Wall total	1834 sqft	6022	Btuh
Door total	80 sqft	1036	Btuh
Ceiling total	2350 sqft	2769	Btuh
Floor total	243 sqft	10609	Btuh
Infiltration	229 cfm	9271	Btuh
Duct loss		0	Btuh
Subtotal		41306	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		41306	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2312 sqft)

Load component		Load	
Window total	360 sqft	20059	Btuh
Wall total	1834 sqft	3587	Btuh
Door total	80 sqft	784	Btuh
Ceiling total	2350 sqft	3892	Btuh
Floor total		0	Btuh
Infiltration	118 cfm	2194	Btuh
Internal gain		1380	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		31897	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		4309	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		5509	Btuh
TOTAL HEAT GAIN		37406	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: 1-4-08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

1/4/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	54.0	32.2	1738 Btuh
2	2, Clear, Metal, 0.87	NW	6.0	32.2	193 Btuh
3	2, Clear, Metal, 0.87	N	9.0	32.2	290 Btuh
4	2, Clear, Metal, 0.87	NE	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	NW	36.0	32.2	1159 Btuh
6	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	NE	36.0	32.2	1159 Btuh
8	2, Clear, Metal, 0.87	N	10.0	32.2	322 Btuh
9	2, Clear, Metal, 0.87	NE	15.0	32.2	483 Btuh
10	2, Clear, Metal, 0.87	E	10.0	32.2	322 Btuh
11	2, Clear, Metal, 0.87	SE	15.0	32.2	483 Btuh
12	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh
13	2, Clear, Metal, 0.87	SE	12.0	32.2	386 Btuh
14	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btuh
15	2, Clear, Metal, 0.87	SW	18.0	32.2	579 Btuh
16	2, Clear, Metal, 0.87	SW	4.0	32.2	129 Btuh
17	2, Clear, Metal, 0.87	SW	24.0	32.2	773 Btuh
Window Total			360(sqft)		11598 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1422	3.3	4669 Btuh
2	Frame - Wood - Adj(0.09)	13.0	412	3.3	1353 Btuh
Wall Total			1834		6022 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		40	12.9	518 Btuh
Door Total			80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2350	1.2	2769 Btuh
Ceiling Total			2350		2769Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	243.0 ft(p)	43.7	10609 Btuh
Floor Total			243		10609 Btuh
Zone Envelope Subtotal:					32035 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	20808	228.9	9271 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				41306 Btuh

EnergyGauge® FLR2PB v4.1

Manual J Winter Calculations

Residential Load - Component Details (continued)

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

1/4/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	41306 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	41306 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

1/4/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	54.0	32.2	1738 Btuh
2	2, Clear, Metal, 0.87	NW	6.0	32.2	193 Btuh
3	2, Clear, Metal, 0.87	N	9.0	32.2	290 Btuh
4	2, Clear, Metal, 0.87	NE	6.0	32.2	193 Btuh
5	2, Clear, Metal, 0.87	NW	36.0	32.2	1159 Btuh
6	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
7	2, Clear, Metal, 0.87	NE	36.0	32.2	1159 Btuh
8	2, Clear, Metal, 0.87	N	10.0	32.2	322 Btuh
9	2, Clear, Metal, 0.87	NE	15.0	32.2	483 Btuh
10	2, Clear, Metal, 0.87	E	10.0	32.2	322 Btuh
11	2, Clear, Metal, 0.87	SE	15.0	32.2	483 Btuh
12	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh
13	2, Clear, Metal, 0.87	SE	12.0	32.2	386 Btuh
14	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btuh
15	2, Clear, Metal, 0.87	SW	18.0	32.2	579 Btuh
16	2, Clear, Metal, 0.87	SW	4.0	32.2	129 Btuh
17	2, Clear, Metal, 0.87	SW	24.0	32.2	773 Btuh
Window Total			360(sqft)		11598 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1422	3.3	4669 Btuh
2	Frame - Wood - Adj(0.09)	13.0	412	3.3	1353 Btuh
Wall Total			1834		6022 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		40	12.9	518 Btuh
Door Total			80		1036Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2350	1.2	2769 Btuh
Ceiling Total			2350		2769Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	243.0 ft(p)	43.7	10609 Btuh
Floor Total			243		10609 Btuh
Zone Envelope Subtotal:					32035 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.66	20808	228.9	9271 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				41306 Btuh

EnergyGauge® FLR2PB v4.1

Manual J Winter Calculations

Residential Load - Component Details (continued)

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

1/4/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	41306 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	41306 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

1/4/2008

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type*		Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, 0.87, None,N,N	NW	1.5ft	6.5ft	54.0	0.0	54.0	29	60	3242	Btuh	
2	2, Clear, 0.87, None,N,N	NW	12ft.	4.5ft	6.0	0.0	6.0	29	60	360	Btuh	
3	2, Clear, 0.87, None,N,N	N	19ft.	4.5ft	9.0	0.0	9.0	29	29	261	Btuh	
4	2, Clear, 0.87, None,N,N	NE	99ft.	4.5ft	6.0	0.0	6.0	29	60	360	Btuh	
5	2, Clear, 0.87, None,N,N	NW	18ft.	6.5ft	36.0	0.0	36.0	29	60	2161	Btuh	
6	2, Clear, 0.87, None,N,N	NW	18ft.	6.5ft	20.0	0.0	20.0	29	60	1201	Btuh	
7	2, Clear, 0.87, None,N,N	NE	1.5ft	6.5ft	36.0	0.0	36.0	29	60	2161	Btuh	
8	2, Clear, 0.87, None,N,N	N	1.5ft	6.5ft	10.0	0.0	10.0	29	29	290	Btuh	
9	2, Clear, 0.87, None,N,N	NE	1.5ft	6.5ft	15.0	0.0	15.0	29	60	901	Btuh	
10	2, Clear, 0.87, None,N,N	E	1.5ft	6.5ft	10.0	0.0	10.0	29	80	795	Btuh	
11	2, Clear, 0.87, None,N,N	SE	1.5ft	6.5ft	15.0	3.1	11.9	29	63	835	Btuh	
12	2, Clear, 0.87, None,N,N	SE	1.5ft	8.5ft	72.0	0.3	71.7	29	63	4493	Btuh	
13	2, Clear, 0.87, None,N,N	SE	1.5ft	2ft.	12.0	12.0	0.0	29	63	348	Btuh	
14	2, Clear, 0.87, None,N,N	SE	7ft.	8.66	13.3	13.3	0.0	29	63	385	Btuh	
15	2, Clear, 0.87, None,N,N	SW	1.5ft	6.5ft	18.0	6.1	11.9	29	63	922	Btuh	
16	2, Clear, 0.87, None,N,N	SW	1.5ft	1.5ft	4.0	4.0	0.0	29	63	116	Btuh	
17	2, Clear, 0.87, None,N,N	SW	1.5ft	6.5ft	24.0	8.1	15.9	29	63	1229	Btuh	
	Window Total				360 (sqft)					20059 Btuh		
Walls	Type	R-Value/U-Value		Area(sqft)		HTM		Load				
1	Frame - Wood - Ext	13.0/0.09		1421.7		2.1		2965 Btuh				
2	Frame - Wood - Adj	13.0/0.09		412.0		1.5		622 Btuh				
	Wall Total				1834 (sqft)				3587 Btuh			
Doors	Type			Area (sqft)		HTM		Load				
1	Insulated - Adjacent			20.0		9.8		196 Btuh				
2	Insulated - Exterior			20.0		9.8		196 Btuh				
3	Insulated - Exterior			40.0		9.8		392 Btuh				
	Door Total				80 (sqft)				784 Btuh			
Ceilings	Type/Color/Surface	R-Value		Area(sqft)		HTM		Load				
1	Vented Attic/DarkShingle	30.0		2350.0		1.7		3892 Btuh				
	Ceiling Total				2350 (sqft)				3892 Btuh			
Floors	Type	R-Value		Size		HTM		Load				
1	Slab On Grade	0.0		243 (ft(p))		0.0		0 Btuh				
	Floor Total				243.0 (sqft)				0 Btuh			
	Zone Envelope Subtotal:									28322 Btuh		
Infiltration	Type	ACH		Volume(cuft)		CFM=		Load				
	SensibleNatural	0.34		20808		117.9		2194 Btuh				
Internal gain	Occupants		Btuh/occupant		Appliance		Load					
	6		X 230 +		0		1380 Btuh					
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh		
	Sensible Zone Load									31897 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

1/4/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	31897 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	31897 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	31897 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	4309 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5509 Btuh
	TOTAL GAIN	37406 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

1/4/2008

Component Loads for Zone #1: Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft	6.5ft	54.0	0.0	54.0	29	60	3242	Btuh
2	2, Clear, 0.87, None,N,N	NW	12ft.	4.5ft	6.0	0.0	6.0	29	60	360	Btuh
3	2, Clear, 0.87, None,N,N	N	19ft.	4.5ft	9.0	0.0	9.0	29	29	261	Btuh
4	2, Clear, 0.87, None,N,N	NE	99ft.	4.5ft	6.0	0.0	6.0	29	60	360	Btuh
5	2, Clear, 0.87, None,N,N	NW	18ft.	6.5ft	36.0	0.0	36.0	29	60	2161	Btuh
6	2, Clear, 0.87, None,N,N	NW	18ft.	6.5ft	20.0	0.0	20.0	29	60	1201	Btuh
7	2, Clear, 0.87, None,N,N	NE	1.5ft	6.5ft	36.0	0.0	36.0	29	60	2161	Btuh
8	2, Clear, 0.87, None,N,N	N	1.5ft	6.5ft	10.0	0.0	10.0	29	29	290	Btuh
9	2, Clear, 0.87, None,N,N	NE	1.5ft	6.5ft	15.0	0.0	15.0	29	60	901	Btuh
10	2, Clear, 0.87, None,N,N	E	1.5ft	6.5ft	10.0	0.0	10.0	29	80	795	Btuh
11	2, Clear, 0.87, None,N,N	SE	1.5ft	6.5ft	15.0	3.1	11.9	29	63	835	Btuh
12	2, Clear, 0.87, None,N,N	SE	1.5ft	8.5ft	72.0	0.3	71.7	29	63	4493	Btuh
13	2, Clear, 0.87, None,N,N	SE	1.5ft	2ft.	12.0	12.0	0.0	29	63	348	Btuh
14	2, Clear, 0.87, None,N,N	SE	7ft.	8.66	13.3	13.3	0.0	29	63	385	Btuh
15	2, Clear, 0.87, None,N,N	SW	1.5ft	6.5ft	18.0	6.1	11.9	29	63	922	Btuh
16	2, Clear, 0.87, None,N,N	SW	1.5ft	1.5ft	4.0	4.0	0.0	29	63	116	Btuh
17	2, Clear, 0.87, None,N,N	SW	1.5ft	6.5ft	24.0	8.1	15.9	29	63	1229	Btuh
Window Total					360 (sqft)					20059 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09		1421.7			2.1		2965 Btuh		
2	Frame - Wood - Adj	13.0/0.09		412.0			1.5		622 Btuh		
Wall Total						1834 (sqft)			3587 Btuh		
Doors	Type				Area (sqft)		HTM		Load		
1	Insulated - Adjacent				20.0		9.8		196 Btuh		
2	Insulated - Exterior				20.0		9.8		196 Btuh		
3	Insulated - Exterior				40.0		9.8		392 Btuh		
Door Total						80 (sqft)		784 Btuh			
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		2350.0			1.7		3892 Btuh		
Ceiling Total						2350 (sqft)			3892 Btuh		
Floors	Type	R-Value		Size			HTM		Load		
1	Slab On Grade	0.0		243 (ft(p))			0.0		0 Btuh		
Floor Total						243.0 (sqft)			0 Btuh		
Zone Envelope Subtotal:									28322 Btuh		
Infiltration	Type	ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural	0.34		20808			117.9		2194 Btuh		
Internal gain	Occupants			Btuh/occupant			Appliance		Load		
	6			X 230 +			0		1380 Btuh		
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load									31897 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

Class 3 Rating
Registration No. 0
Climate: North

1/4/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	31897 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	31897 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	31897 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	4309 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5509 Btuh
	TOTAL GAIN	37406 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Streicher, Michael
Country Lake Glen
, FL

Project Title:
712111Streicher,Michael

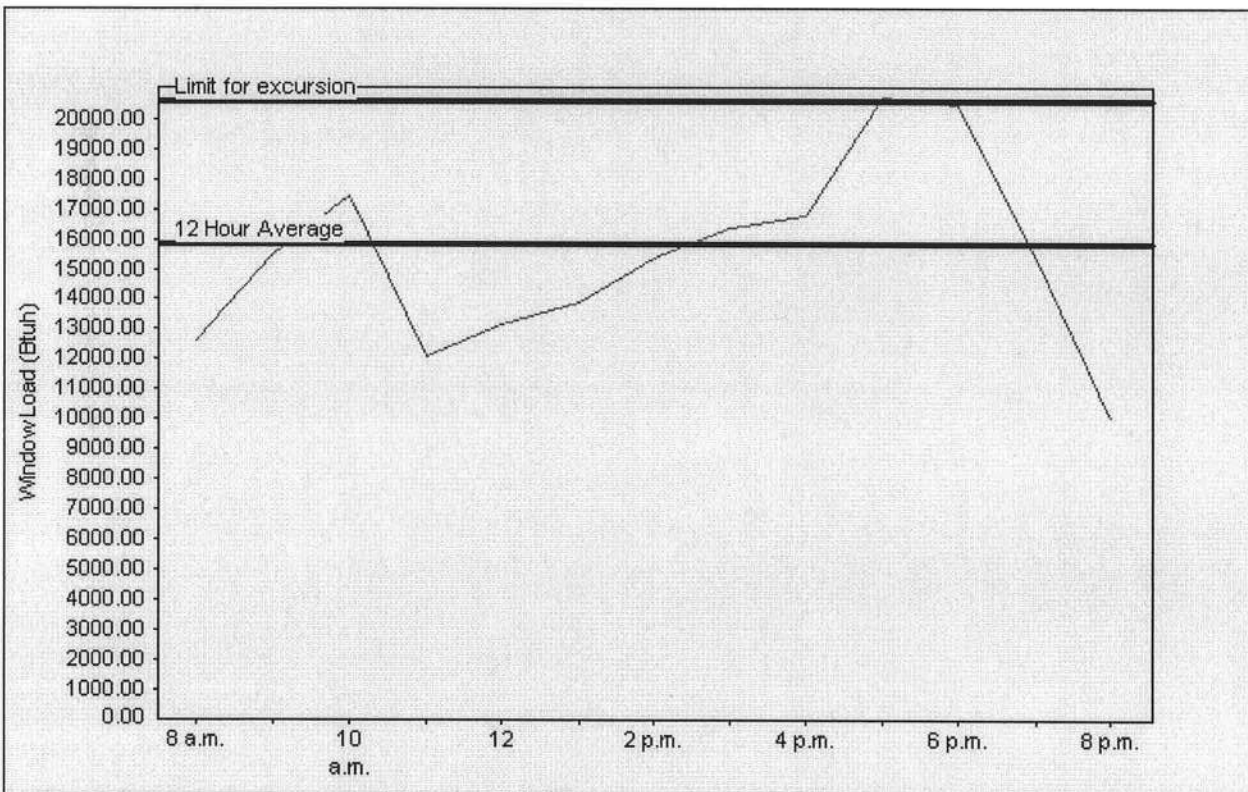
Class 3 Rating
Registration No. 0
Climate: North

1/4/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	15819 Btu
Summer setpoint	75 F	Peak window load for July	20763 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	20564 Btu
Latitude	29 North	Window excursion (July)	199 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: *1-4-08*

EnergyGauge® FLR2PB v4.1



PRODUCT APPROVAL SPECIFICATION SHEET

Location: Country Lake Glen - Northborough S/D **Project Name:** Michael Streichen

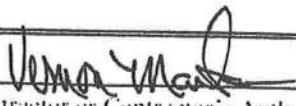
As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are **applying for a building permit on or after April 1, 2004**. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at

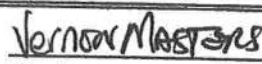
Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	ODY/Western Refr	Swing exterior door Assemblies	FL1684-R2
2. Sliding			
3. Sectional		SECTIONAL Garage Door	FL 5519
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	EST of FL RTC Engineering Inc	Windows	FL 5768
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed	EST of FL	Windows	FL 5769
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion	Alenco	Vertical Fin tube Alum Mullins	FL 7052.2
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			FL 889-R2
2. Soffits			FL 4889
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	ELC Corp	Roofing	FL 686-R2
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			FL 1960-R1
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			FL 4244
2. Truss plates			
3. Engineered lumber			FL 1008-R1
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection


 Contractor or Contractor's Authorized Agent Signature
 Wood Daugherty S/P
 Location

 1-10-08
 Print Name Date
 Permit # (FOR STAFF USE ONLY)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 0 278

Florida Certificate of Product Approval # FL1999

Page 1 of 1 Document ID:1TDT8228Z0103090427

Truss Fabricator: Anderson Truss Company

Job Identification: 7-326--VERNON MASTERS Streicher -- ; **

Truss Count: 57

Model Code: Florida Building Code 2004 and 2006 Supplement

Truss Criteria: ANSI/TPI-2002(STD)/FBC;FBC2004

Engineering Software: Alpine Software, Versions 7.36, 7.41.

Structural Engineer of Record: The identity of the structural EOR did not exist as of the seal date per section 61G15-31.003(5a) of the FAC

Address:

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Seal Date: 01/03/2008

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

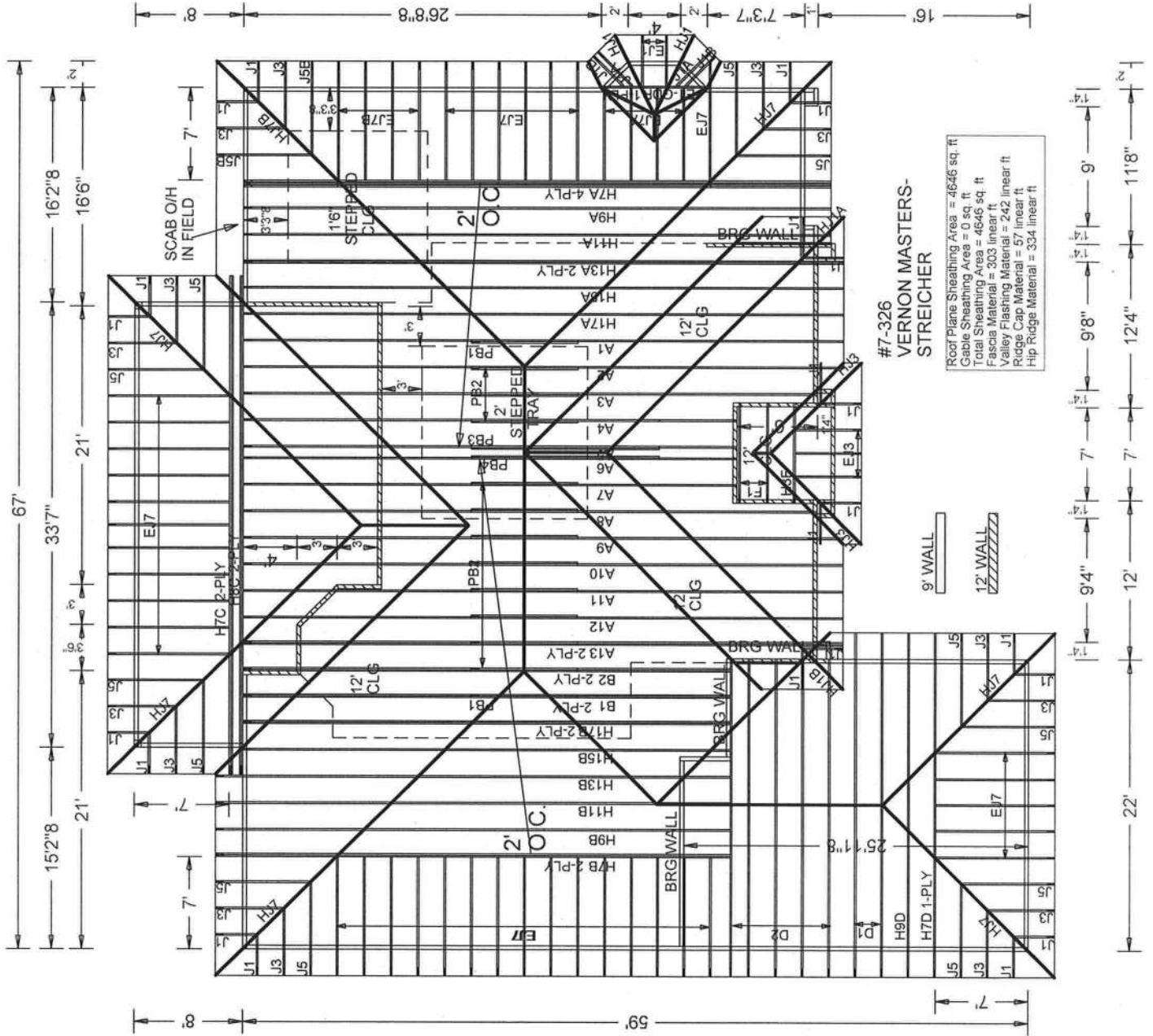
Haines City, FL 33844

Details: TCFILLER-BCFILLER-CNBRGBLK-PIGBACKA-PIGBACKB-

#	Ref	Description	Drawing#	Date
1	38104--A13		08002027	01/02/08
2	38105--H13A		08002042	01/02/08
3	38106--H9A		08002044	01/02/08
4	38107--H11A		08002043	01/02/08
5	38108--H7A		08002045	01/02/08
6	38109--H15A		08002041	01/02/08
7	38110--H17A		08002040	01/02/08
8	38111--A1		08002039	01/02/08
9	38112--A2		08002038	01/02/08
10	38113--A3		08002037	01/02/08
11	38114--A4		08002036	01/02/08
12	38115--A5		08002035	01/02/08
13	38116--A6		08002034	01/02/08
14	38117--A7		08002033	01/02/08
15	38118--A8		08002032	01/02/08
16	38119--A9		08002031	01/02/08
17	38120--A10		08002030	01/02/08
18	38121--A11		08002029	01/02/08
19	38122--A12		08002028	01/02/08
20	38123--H7B		08002011	01/02/08
21	38124--H9B		08002012	01/02/08
22	38125--H11B		08002021	01/02/08
23	38126--H13B		08002022	01/02/08
24	38127--H15B		08002023	01/02/08
25	38128--B2		08002026	01/02/08
26	38129--B1		08002025	01/02/08
27	38130--H17B		08002024	01/02/08
28	38131--H7C		08002005	01/02/08
29	38132--H8C		08003002	01/03/08
30	38133--H7D		08002017	01/02/08
31	38134--H9D		08002018	01/02/08
32	38135--D1		08002001	01/02/08
33	38136--D2		08002003	01/02/08
34	38137--E1-GDR		08002002	01/02/08
35	38138--H3F		08002019	01/02/08
36	38139--F1		08002020	01/02/08

#	Ref	Description	Drawing#	Date
37	38140--J1		08002015	01/02/08
38	38141--HJ7		08002009	01/02/08
39	38142--J3		08002014	01/02/08
40	38143--J5		08002013	01/02/08
41	38144--EJ7		08002016	01/02/08
42	38145--EJ1		08002006	01/02/08
43	38146--HJ1		08002004	01/02/08
44	38147--J1A		08002007	01/02/08
45	38148--J1B		08002008	01/02/08
46	38149--EJ7A		08002010	01/02/08
47	38150--HJ1A		08002049	01/02/08
48	38151--HJ1B		08002050	01/02/08
49	38152--HJ7B		08002048	01/02/08
50	38153--HJ3		08002018	01/02/08
51	38154--J5B		08002047	01/02/08
52	38155--EJ7B		08002046	01/02/08
53	38156--EJ3		08002017	01/02/08
54	38157--PB1		08003003	01/03/08
55	38158--PB2		08002051	01/02/08
56	38159--PB3		08002052	01/02/08
57	38160--PB4		08003001	01/03/08





2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25",_min.)_nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" 0.c.

Webs : 1 Row @ 4" 0.c.c.

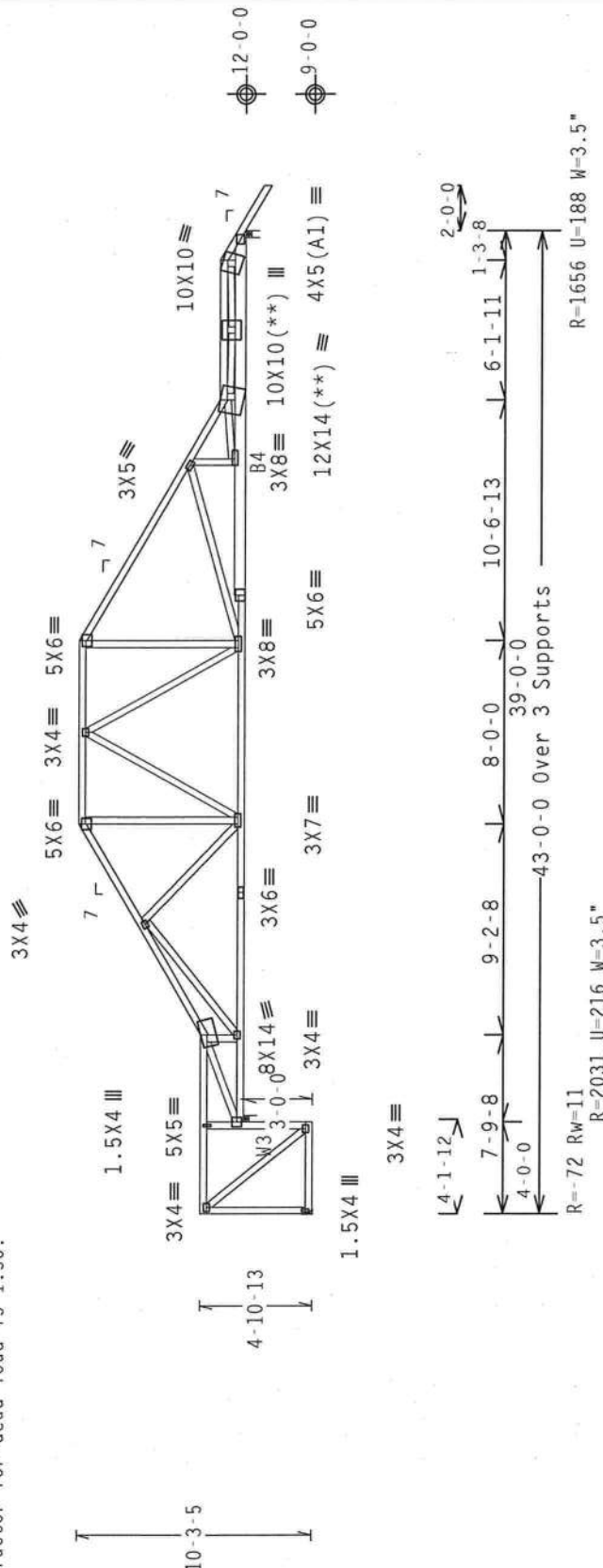
Use equal spacing between rows and stagger nails in each row to avoid splitting.

(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.23 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Max JT VERT DEFL: LL: 0.34" DL: 0.51" recommended camber 7/8"

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



R=2031 U=216 W=3.5"

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0)$$

Scale = 125"/Ft.

WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY ASSOCIATION (BBSC) STEEL PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND VICA (N800) TRUSS COUNCIL, 100 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH SPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BDS (NATIONAL DESIGN SPEC. BY AFAPRA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/17/16GA (M/MS/SC) ASTM A653 GRADE 40/60 (M/ K/H-SS) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-1/2002 SEC. 3., DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

FL Certificate of Authorization #0 278

TC LL	20.0 PSF	REF	R8228-	38104
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR8228	08002027
BC LL	0.0 PSF	HC-ENG DAL/AP		
TOT.LD.	40.0 PSF	SEQN-	68646	
DUR.FAC.	1.25	FROM	AH	
SPACING	24.0"	JREF-	1TDT8228201	

4 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)

Top Chord: 1 Row @12.00" o.c.

Top Chord: 1 Row @12.00" o.c.

110 mph wind, 15.00 ft mean hot, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Calculated horizontal deflection is 0.21" due to live load and 0.34" due to dead load.

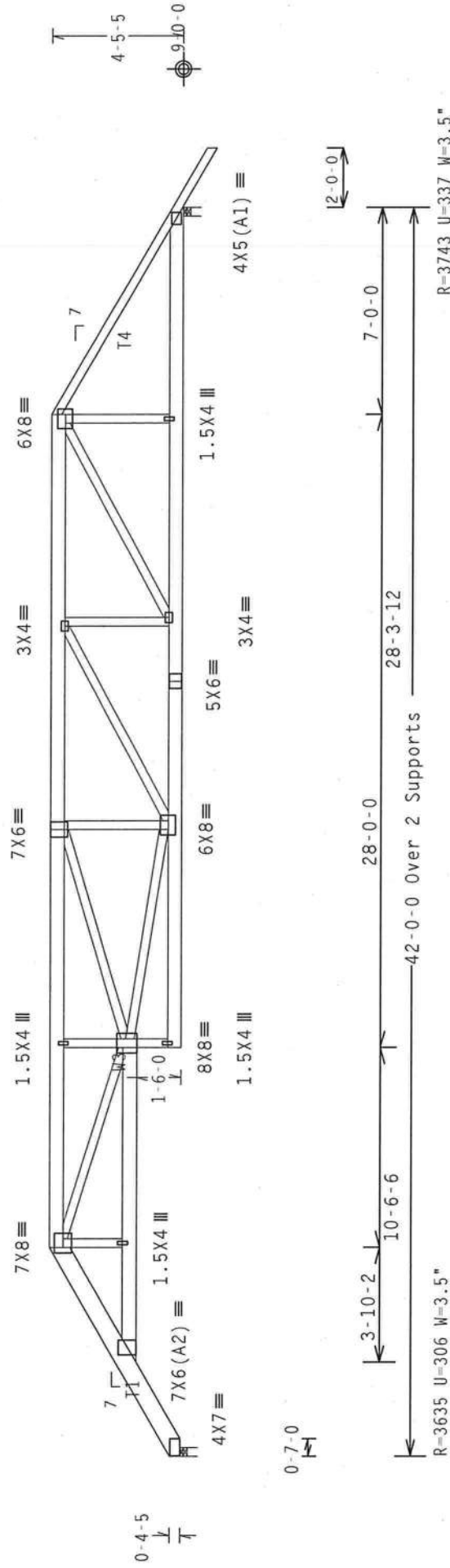
#1 hip supports 7-0-0 jacks with no webs.

Calculated vertical deflection is 0.39" due to live load and 0.62" due to dead load at $X = 13-10-0$.

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

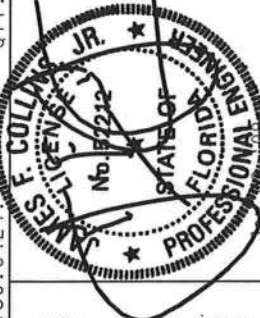
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/

QTY:1 FL/-/4/-/-/R/-
Scale = 1875" / Ft.

PLT TYP. Wave

WARNING* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING TO BE SAFE (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI COMPOSITE PLATE INSTITUTE, 210 NORTH LAUREL STREET, SUITE 100, CHICAGO, ILLINOIS 60607-1989. FOR MORE INFORMATION CONTACT THE COMPANY OR ENTERPRISE LIAISON, HADISON, INC., 55737 FORD ROAD, SALEM, OHIO 44460. PLEASE NOTE THAT UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CING.

[illegible]

TC LL	20.0	PSF	REF	R8228-	38108
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002045
BC LL	0.0	PSF	HC-ENG	DAL/AP	
TOT.LD.	40.0	PSF	SEQN-	68286	REV
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TD8228Z01	

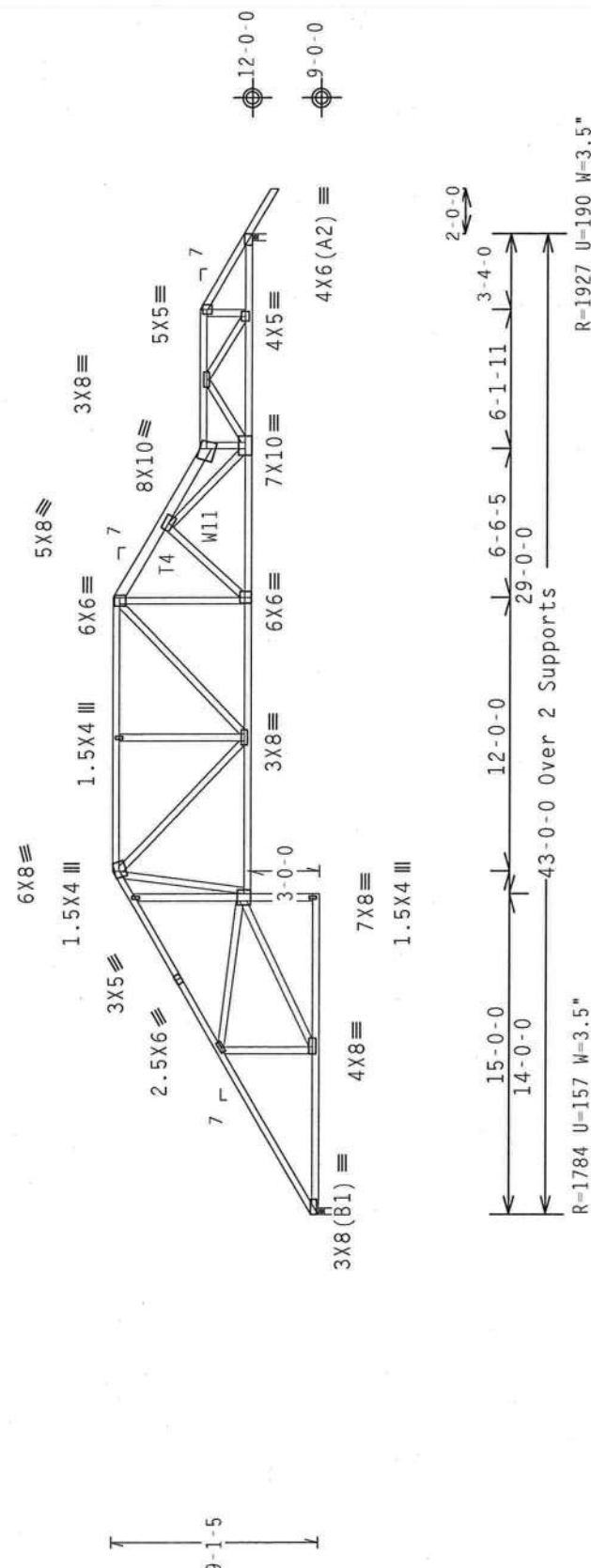
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Calculated horizontal deflection is 0.15" due to live load and 0.24" due to dead load.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Design Crit: $\text{TPI-2002(STD) / FBC}$
 $\text{Cq/RT} = 1.00(1.25) /$

Scale = .125"/Ft.

QTY:1 FL/-/4/-/-/R/-

0424.11

7.

$$10(1.25) /$$
 $q/RT=1.$

CRUC:

Desl

1

100

P. Wave

PLT T

WARNING THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THOSSES MUST BE PROPERLY SUPPORTED TO PREVENT OVERSTRESSING OF THE THOSS. FOR MORE INFORMATION CONTACT CROSS PATH INSTITUTIONS, 218 NORTH L STREET, SUITE 312, ARDMORE, PA 22024-7698, TEL: 717-245-1100 FAX: 717-245-1101, WWW.CROSSPATH.COM, OR ENTERPRISE LANE, MAIL STOP #1, 53719TH AVENUE, DENVER CO 80231-1001, TEL: 303-751-1100 FAX: 303-751-1101, WWW.ENTERPRISELANE.COM.

OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY ALLURE TO THIS DESIGN. ANY ALLURE TO THIS DESIGN IN CONFORMANCE WITH THE TYPE OF PARTICIPATING HANDLING EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE USER. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (U/L/25X24) ASTM A653 GRADE 40/60 (M, K/H-S5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERX 43 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBI/TPI 1.3 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF

BC UL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R8228-	38109
DATE	01/02/08	

DRW	HCUSR8228	0800200
HC-ENG	DAL/AP	
SEQN-	68405	
FROM	AH	
JREF-	1TDT8228	701



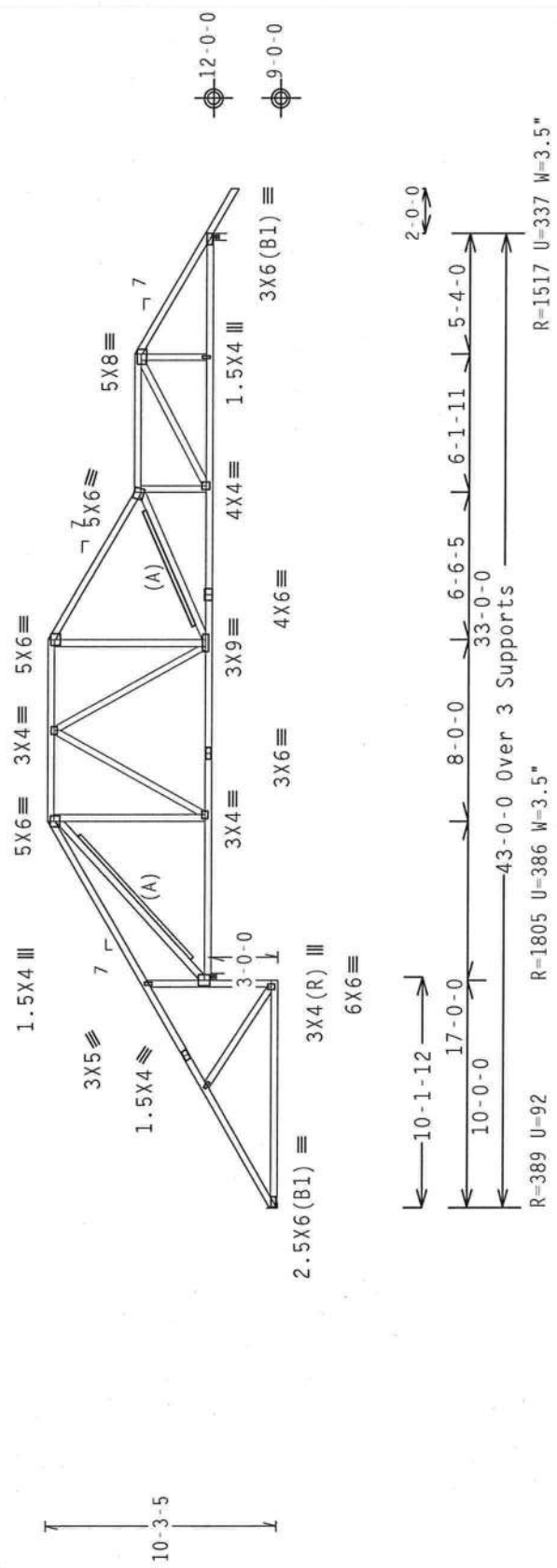
ITW Building Components Group, Inc.
Haines City, FL 33844
E1 Certificate of Authorization no. 0790

(7-326--VERNON MASTERS Streicher --, ** - H17A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg. not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $1w=1.00 G_{CPI}(+/-)=0.55$
Wind reactions based on MWFRS pressures.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)



QTY:1	FL/-4/-/-R/-	Scale = .125"/Ft.
TC LL	20.0 PSF	REF R8228- 38110
TC DL	10.0 PSF	DATE 01/02/08
BC DL	10.0 PSF	DRW HCUSR8228 08002040
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT.LD.	40.0 PSF	SEQN- 68570
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TDT8228Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/KS) ASTM A653 GRADE 40/60 (H, K/H,SS) GALV. STEEL. APPLY NAILS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANALYSIS OF EACH TRUSS SHALL BE THE RESPONSIBILITY OF THE DESIGNER. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

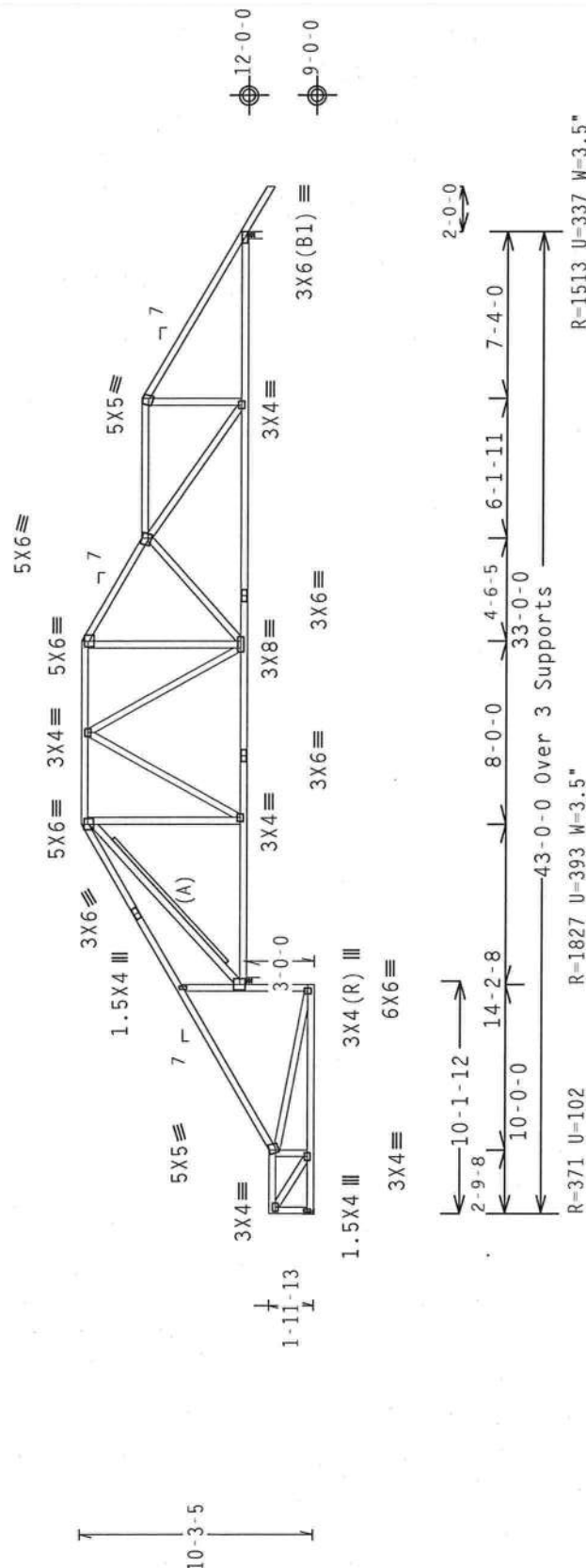
ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0.278

1110 mph wind, 15.13 ft mean htg., ASCE 7-02, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC D1=5.0 psf, wind BC D1=5.0 psf. 1w=1.00 GCPI(+/-)=0.55

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0)$$

QTY:1 FL/-/4/-/-/R/-/

Scale = .125"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND WEA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. 17M BCO

CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TP1.

CONNECTOR PLATES ARE MADE OF 2018/176GA (M-H/SS/K) A563 GRADE 40/60 (M, K/H-SS) GALV. STEEL. APPLY

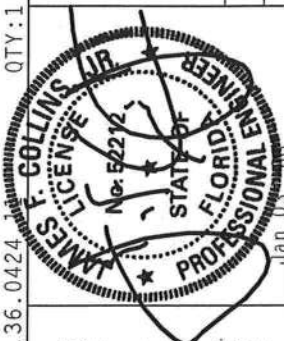
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 43 OF TP11-2002 SEC.3.- A SEAL ON THIS

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

BUILDING DESIGNER PER AM51/TP1 1 SEC. 2.



SPACING 24.0" JREF- 1TDT8228Z01

Jan 03 11:00 AM

BUILDING DESIGNER PER ANSI/AP1 1 SEC. 2.

FL Certificate of Authorization # 0278

1110 mph wind, 15.23 ft mean hgt., ASCE 7-02, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAL II, EXP B, wind TC D1=5.0 psf, wind BC D1=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

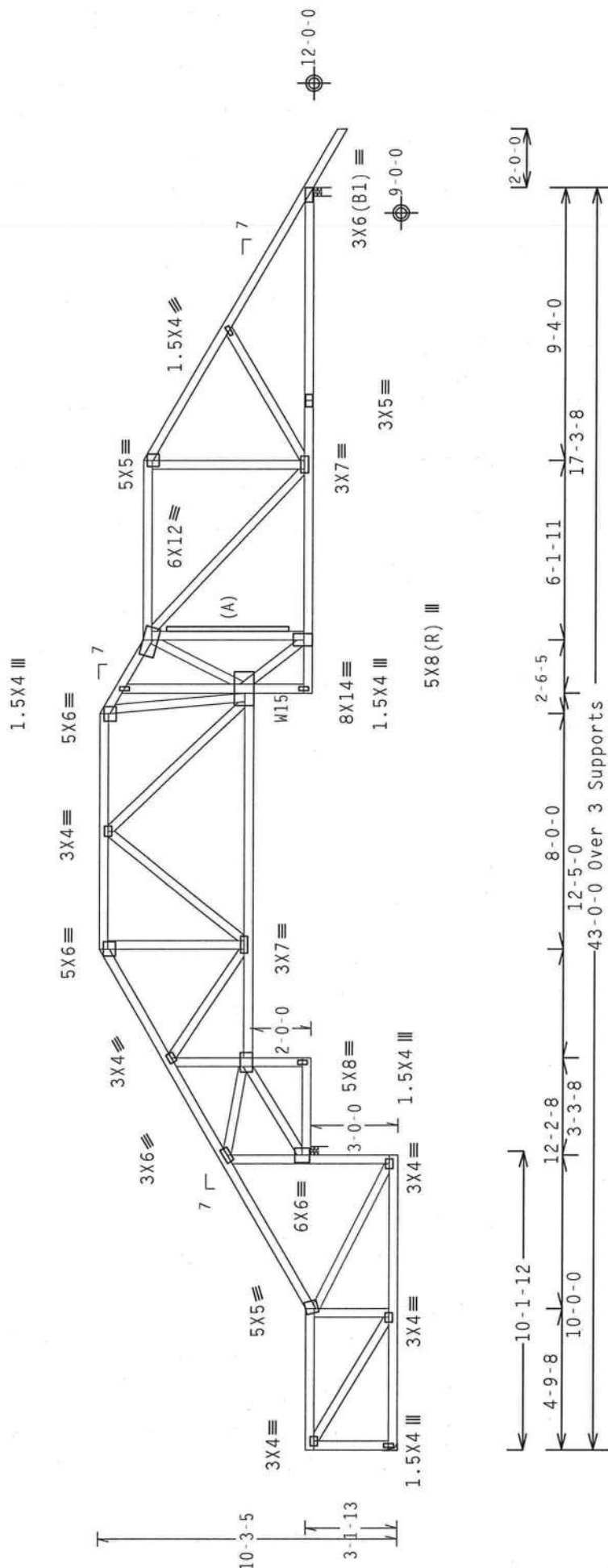
Wind reactions based on MWFRS pressures.

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W15 2x4 SP #2 Dense:

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



R=1514 U=338 W=3.5"

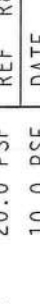
R=1824 U=381 W=3.5"

R=374 U=126

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/4/-/-/R/-
Scale = .1875" / Ft.

PLT TYP. Wave



ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 CONNECTIONS COMPANION PUBLISHED BY TPI (CRUSSI PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 311, ALEXANDRIA, VA 22304) AND BC600 CONNECTIONS COMPANION PUBLISHED BY TPI (CRUSSI PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 311, ALEXANDRIA, VA 22304) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS IS THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR STEEL TRUSS BRIDGE CONNECTION PLATES ARE MADE OF 20/18/16GA (H/J55/R) ASTM A653 GRADE 40/60 (H, K/J45S) DPLV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

James F. Collins, Jr.
Professional Engineer
State of Florida
No. 62272

Jan 09 2009

REF	R8228	38112	TC LL	20.0	PSF
DATE	01/02/08		TC-DL	10.0	PSF
DRW	HCUSR8228	0802038	BC DL	10.0	PSF
HC-ENG	DAL/AP		BC LL	0.0	PSF
SEQN-	68439		TOT.LD.	40.0	PSF
FROM	AH		DUR.FAC.	1.25	
JREF-	1TDT8228201		SPACING	24.0"	

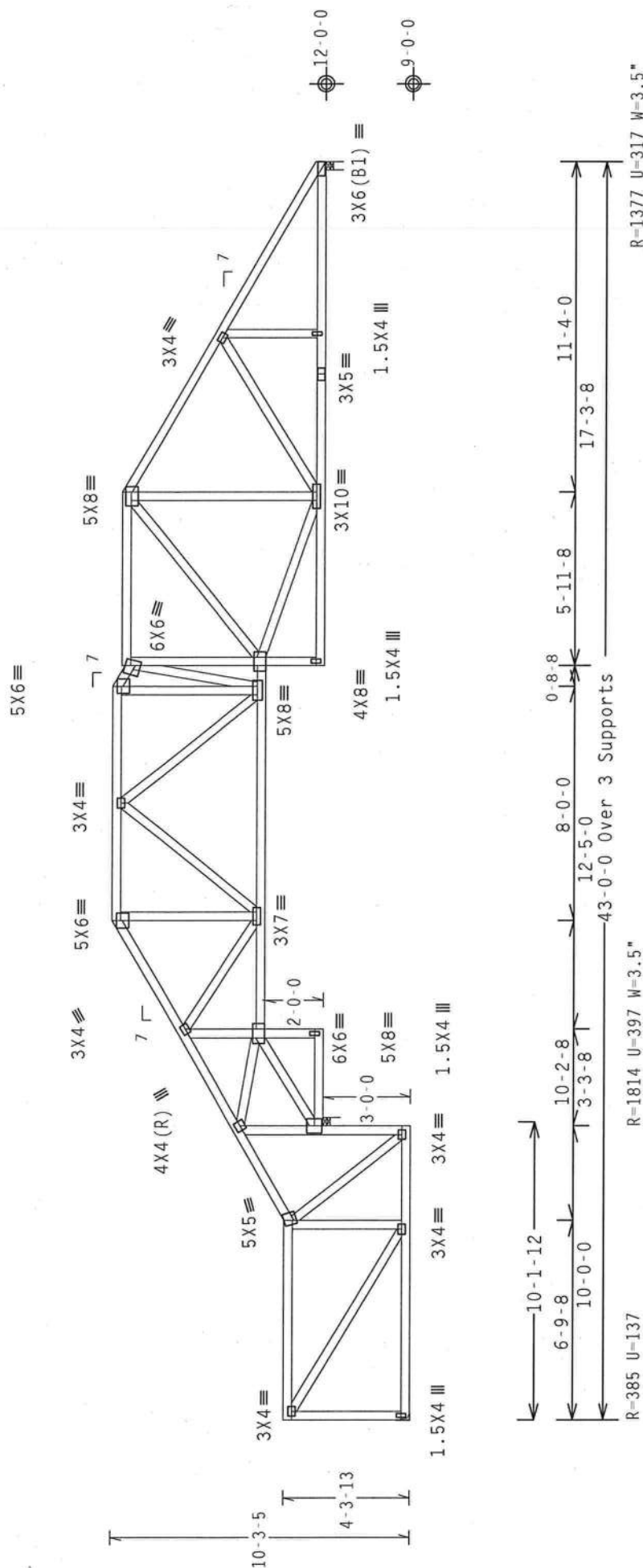
1110 mph wind, 15.82 ft mean hgt, ASCE 7-02, PART_ENC. bldg. not located within 6.50 ft from roof edge. CAI II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Max JT VERT DEFL: LL: 0.12" DL: 0.20" recommended camber 3/8"

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

Scale = 1875"/Ft

QTY:1 FL/-/4/-/-/R/-/

424 *Journal of Management Inquiry* 22(4) $0(0) \quad 7.$ $1.00(1.25)$

Cg/RT:

Design of

Wave

PLT TV

*****WARNING***** THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO SCSI DESIGN CORPORATION, PUBLISHED BY THE CROSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ARLINGTON, VA 22209-4001, FOR MORE INFORMATION. IF YOU ARE AN EMBLEMER, PLEASE CONTACT THE EMBLEMER LANE, MOBILE 509, MI 52719, FOR SAFETY PRACTICES PRIOR TO PURCHASING THESE. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GUTTING.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. 1TM BCG
CONNECTOR PLATES ARE MADE OF 2018/18GA (44-55K) ASTM A653 GRADE 40/50 (N. K/H-SS) GALV. STEEL, WITH
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED AS SHOWN, POSITIONED 160A-2
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TPI-2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER AMS/TP1.1 SEC.2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

FL Certificate of Authorization # 0 278 [

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#0278

State of Authoriza

FL Cert

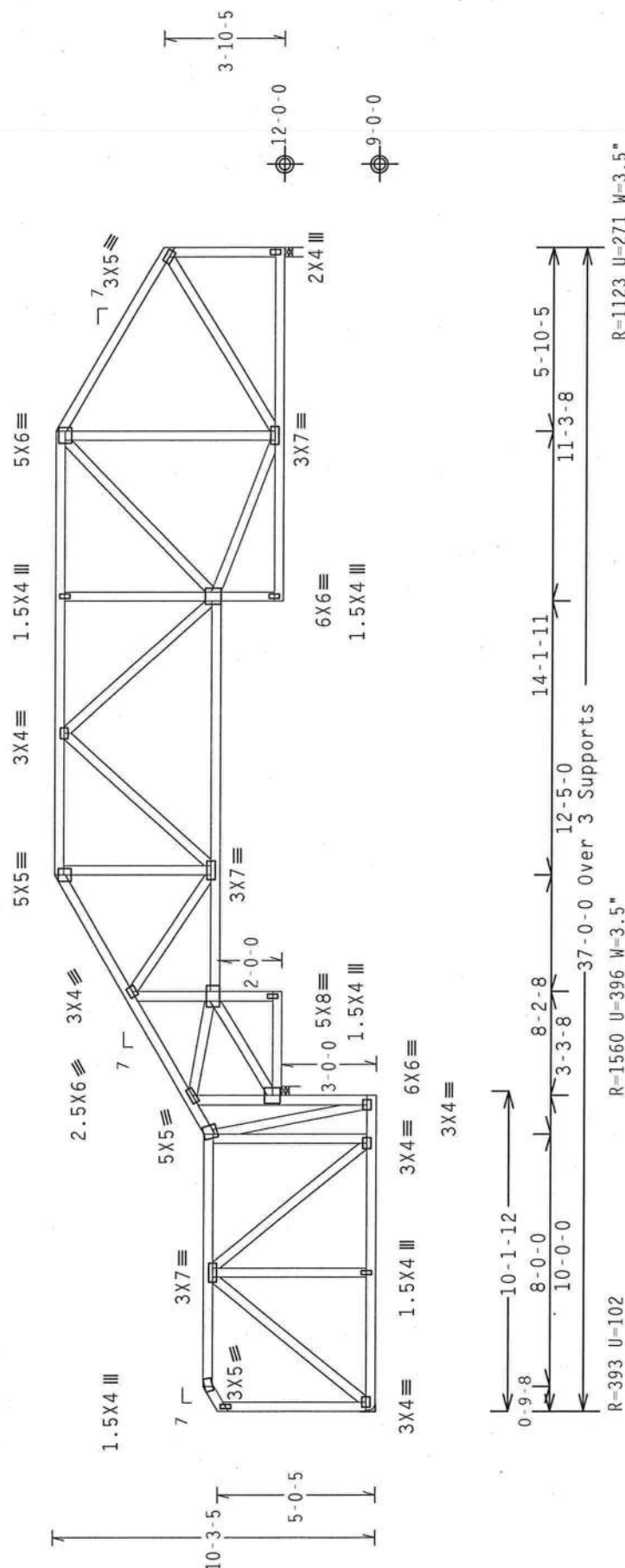
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Webbs	2x4	SP	#3	

1110 mph wind, 16.65 ft mean hgt., ASCE 7-02, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC D1=5.0 psf, wind BC DL=5.0 psf, wind BC DL=1.0 GCPI (+/-)=0.55

End verticals not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/4/-/-/R/-/

PLT TYP. Wave

TC LL	20.0	PSF	REF	R8228- 38114
TC DL	10.0	PSF	DATE	01/02/08
BC DL	10.0	PSF	DRW	HCUSR8228 08002036
BC LL	0.0	PSF	HC-ENG	DAL/AP
TOT.LD.	40.0	PSF	SEQN-	68485
DUR.FAC.	1.25		FROM	AH
SPACING	24.0"		JREF-	1TDT8228Z01



**** IMPORTANT ****TURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR FOR ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI- OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTOR PLATES ARE MADE OF 20/10/16GA. W/STAINLESS STEEL PER AMERICAN STEEL INSTITUTE. ITH BCG CONTRACTOR PLATES ARE MADE OF 20/10/16GA. W/STAINLESS STEEL PER AMERICAN STEEL INSTITUTE.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER GRAMMERS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (X) SHALL BE PER AMEX A3 OF TPI-2002 SEC.2.

THESE TECHNICAL SPECIFICATIONS CANNOT BE USED AS AN ADDITIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND PROVISIONS OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMEX/TPI 1 SEC.2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

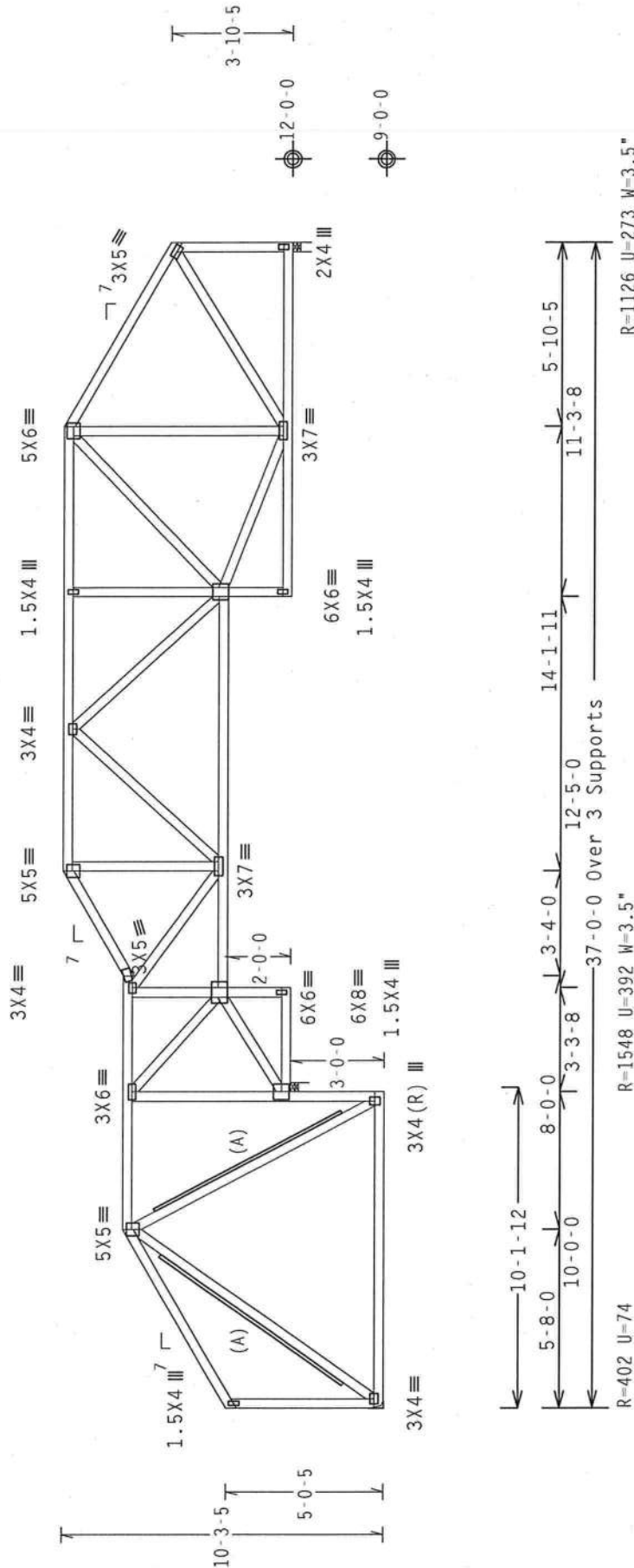
(A) 1x4 #3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 16.65 ft mean hgt, ASCE 7-02, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ Gcpl(+/-)=0.55

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0)

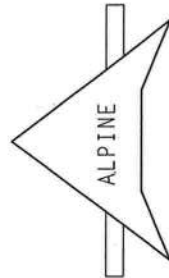
QTY:1

FL/-4/-/-R/-

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1606 (4-H/SS/2X) ASTM A653 GRADE 40/60 (4, K/H-SS) GALV. STEEL. APPLY ANATERM FOR AGE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS. A SEAL ON THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278



TC LL	20.0 PSF	REF	R8228 - 38117
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCUSR8228 08002033
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	68526
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDT8228Z01

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
	webs	2x4	SP	#3		

1110 mph wind, 15.23 ft mean hgt., ASCE 7-02, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC D1=5.0 psf, wind BC D1=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

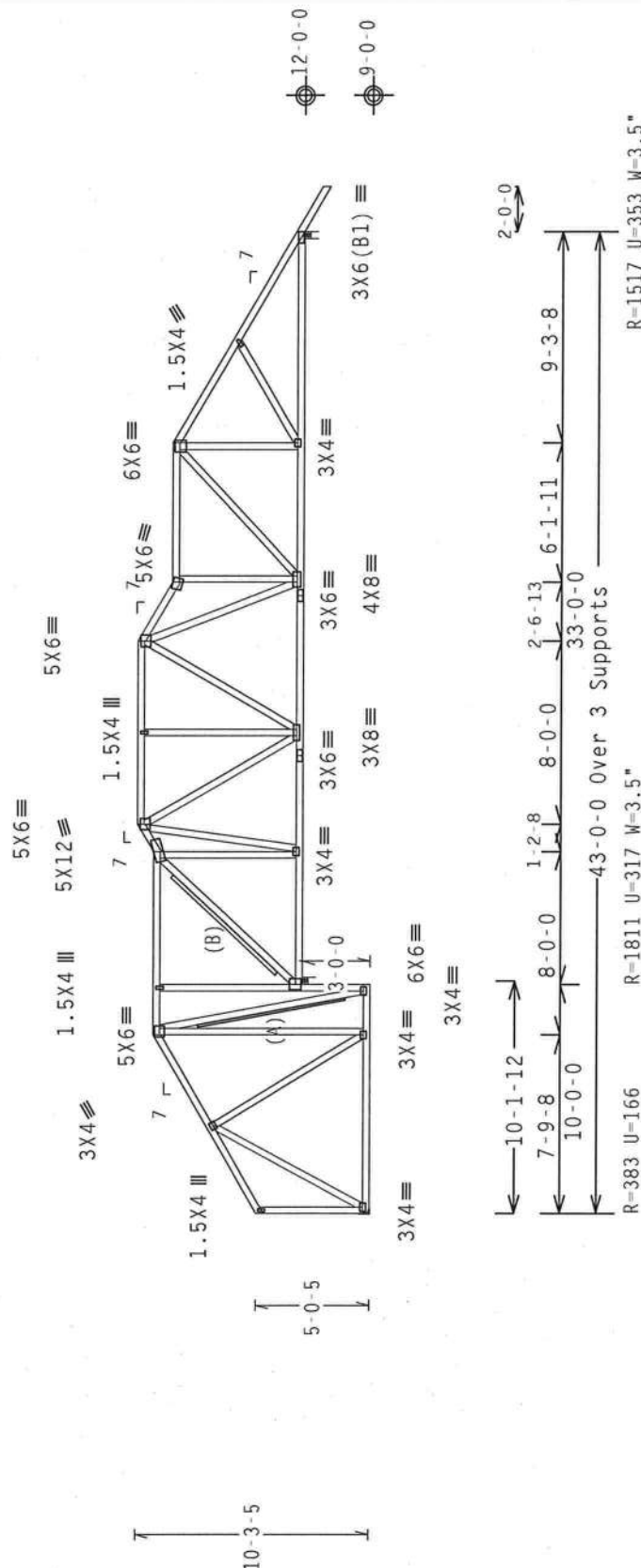
Left end vertical not exposed to wind pressure.

(A) 1x4 #3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/4/-/-/R/-/

PLT TYP. Wave

*****WARNING***** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL THUSSES REQUIRE PROPER SAFETY INFORMATION. PUBLISHED BY TPI (THUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 500, WESTFIELD, MA 01095, 413/865-1100, FAX 413/865-1101, WWW.TPI-THUSS.COM).
ENTERPRISE LANE, MADISON, MI 48061, 313/237-1919, FAX 313/237-1920, WWW.TPI-THUSS.COM). UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLS.

TC LL	20.0 PSF	REF R8228- 38119
TC DL	10.0 PSF	DATE 01/02/08

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN COULD BE THE RESULT OF A FALLING BRACING SYSTEM. THE TRUSSES, 17H BCG CONNECTOR PLATES ARE MADE OF 20/18/176GA. IN 425/55/35 ASH 4653 GRADE 40. IN 40/55/35 GALV. STEEL APPLIED TO PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAGAGES 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TP11-2002 SEC. 2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANNEX/TP1 1 SEC. 2.

BC DL	10.0 PSF	DRW HCUSR8228 08002030
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT.LD.	40.0 PSF	SEQN- 68558
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TD18228Z01



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

(7-326--VERNON MASTERS Streicher --, ** - A10)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

(B) 1x4 #3 or better "I" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

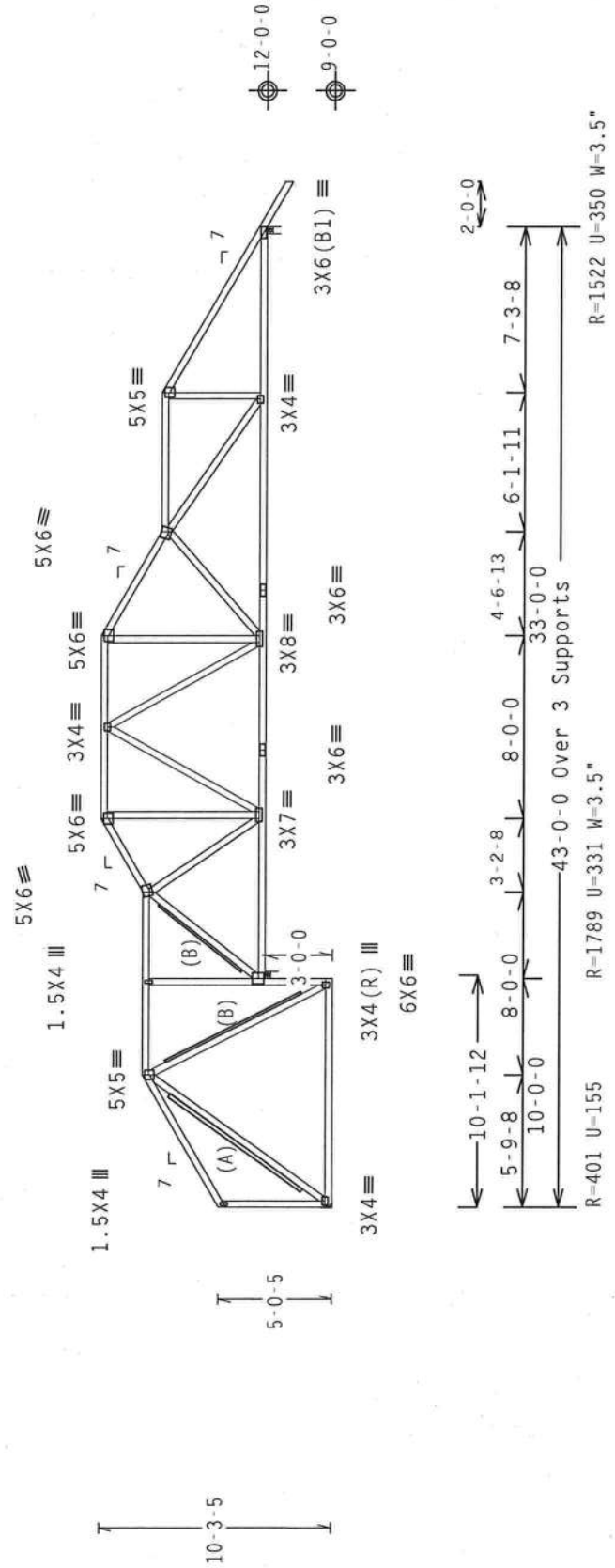
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind. 15.23 ft mean hgt, ASCE 7-02, PART-ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpl(+/-)=0.55

Wind reactions based on MWFRS pressures.

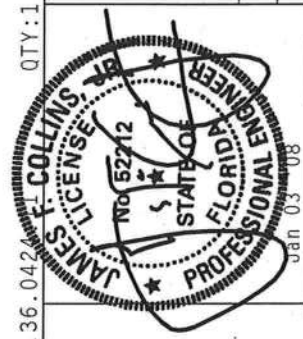
(A) 2x4 #3 or better "I" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



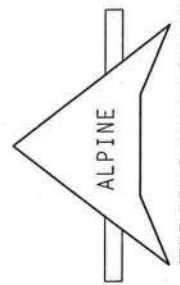
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL/-/4/-/-/R/-	Scale = .125"/Ft.
REF R8228- 38120	TC LL	20.0 PSF	
DATE 01/02/08	TC DL	10.0 PSF	
DRW HCUSR8228 08002030	BC DL	10.0 PSF	
HC-ENG DAL/AP	BC LL	0.0 PSF	
SEQN- 68578	TOT.LD.	40.0 PSF	
FROM AH	DUR.FAC.	1.25	
JREF- 1TD8228Z01	SPACING	24.0"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



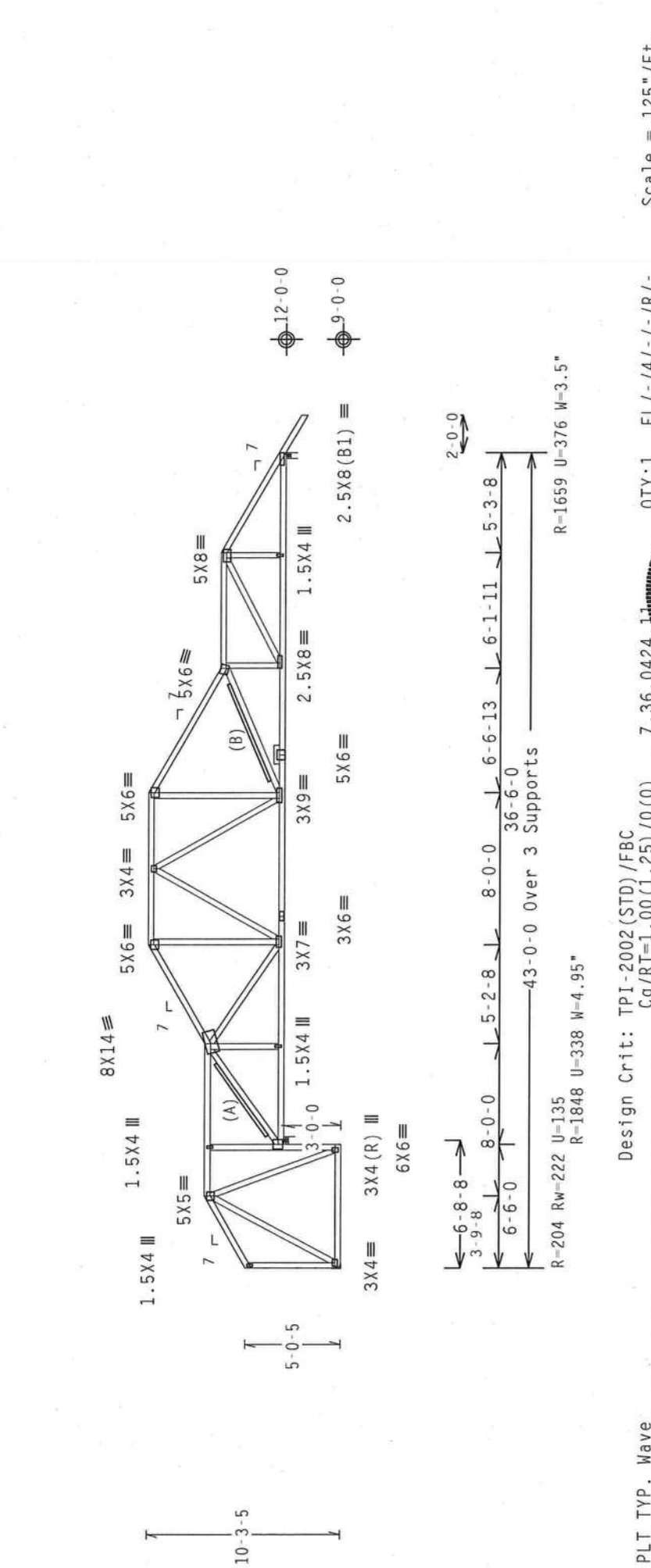
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Splice Block 2x4 SP #3:

Left end vertical not exposed to wind pressure.
(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.23 ft mean hgt, ASCE 7-02, PART-ENC. bldg, not located within 6.50 ft from roof edge, CAT-II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpl(+/-)-0.55

Wind reactions based on MWFRS pressures.
(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 11 QTY:1 FL/-/4/-/-/R/-/ Scale =.125"/Ft.

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE USER SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY DESIGN INFORMATION AND FOR THE PROVISION OF ALL NECESSARY MATERIALS. THE USER SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY MATERIALS. THE USER SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY MATERIALS.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

JAMES F. COLLINS JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jail

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"
REF	R8228- 38121
DATE	01/02/08
DRW	HCUSR8228 08002029
HC-ENG	DAL/AP
SEQN-	68586
FROM	AH
JREF-	1TDT8228Z01

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)

Top Chord: 1 Row @12.00" o.c.

Top Chord: 1 Row @12.00" 0.0.0.
Bot Chord: 1 Row @12.00" 0.0.0.

Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

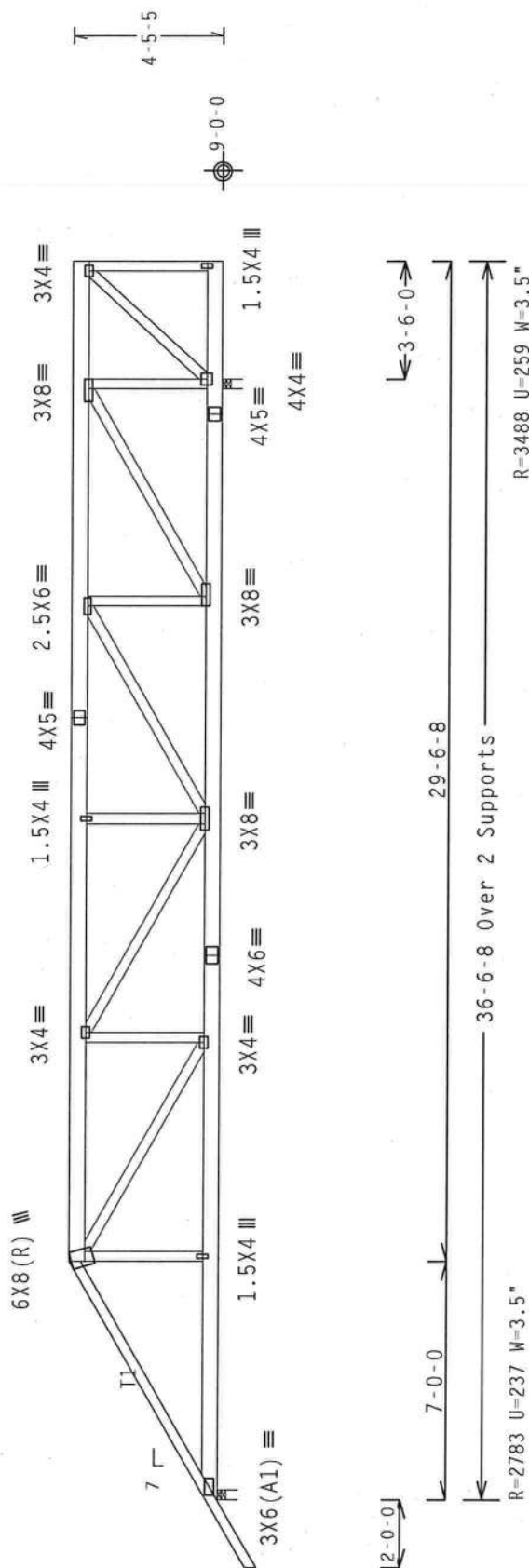
#1 hip supports 7-0-0 jacks with no webs.

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0)$$

Scale = .1875" / Ft.

QTY:1 FL/-/4/-/-/R/-/

24

Scale = .1875"/Ft.

OFF 08228- 38123

DATE	01/02/00
TIME	0720
LOC	30123

DATE 01/02/08

RW HCUSR8228 08002011

IC-ENG WHK/WHK

EQN- 61799

FROM AH

REF- 1TDT0220701

REF ID: A67890

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRUSS, P.O. BOX 100, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND AISC 4000 TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. (BY AISC) AND TPI. 11TH EDITION. CONNECTOR PLATES ARE MADE OF 2018/16GA. (4.11/55K) ASTM A653 GRADE 40/60 (40, K/H-55) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL PER AMEX AS OF TPI1-2002 SEC.3.2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMEX/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

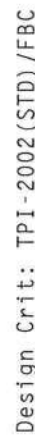
FL Certificate of Authorization # 0 278

התאחדות המורים והמורות

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



0424

QTY:1 EL / - / 4 / - / - / R / -

Scale = .1875" / Ft.

TC LL	20.0	PSF	REF	R8228-	38124
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002012
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	61804	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TD8228201	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO INSTRUCTIONS FOR BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRUSS PLATE INSTITUTE, 2100 ENTERPRISE LANE, HADDONSBURG, KY 40003-9876 OR CRUSS GROUP OF AMERICA, 800-368-7223 FOR PROPER TRUSS FABRICATION AND Erection Practices. ALL TRUSSES MUST BE PROTECTED FROM CORROSION UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TIGID CING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

1.1.1. ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

1.1.2. CONFORM WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI.

1.1.3. CONNECTOR PLATES ARE MADE OF 7018/176GA (40/255KSI) ASTM A653 GRADE 40/60 (N. K/H-55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A.3 OF TPI-2002 SEC.3.

1.1.4. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

1.1.5. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/TPI.1 SEC. 2.

1.1.6. 176 BCG

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

FL Certificate of Authorization # 027844
Haines City, FL 33844

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense	
	webs	2x4	SP	#3		

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC 01=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCpf(+/-)=0.18

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

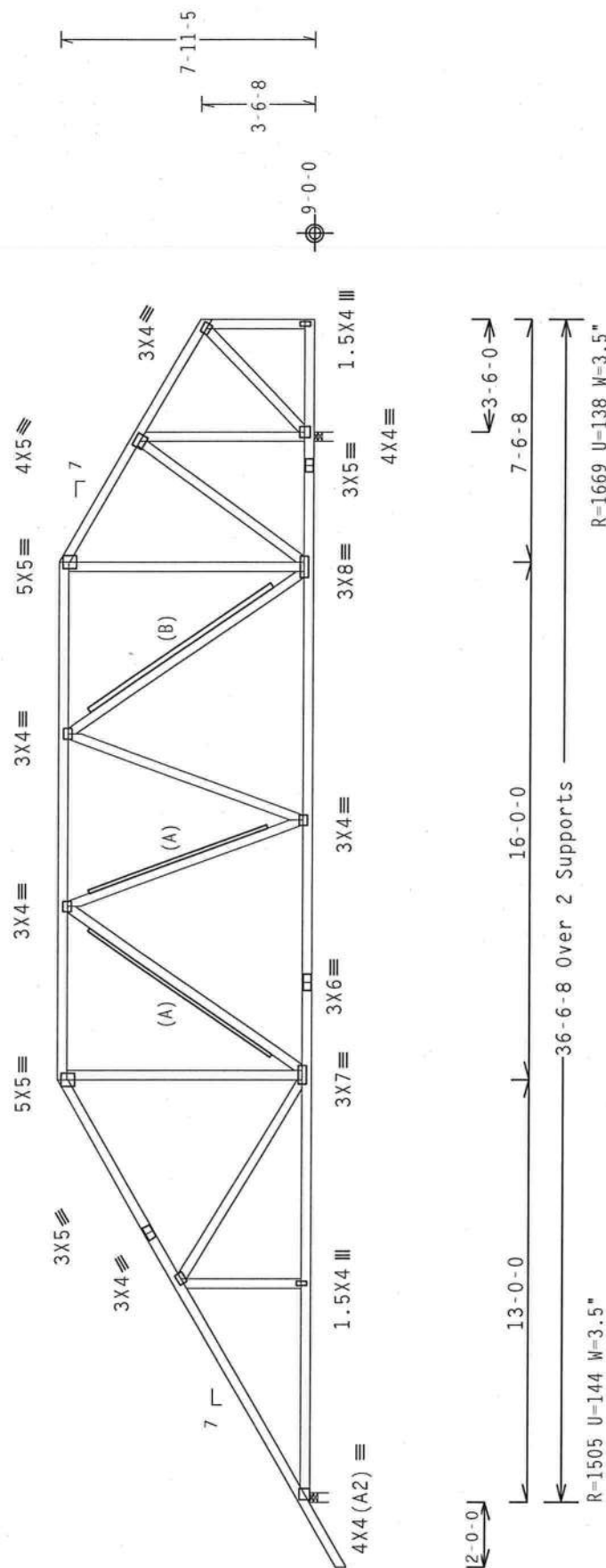
(B) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/4/-/-/R/-
Scale = .1875"/Ft.

 $Cq/RT=1.00(1.25)/0(0)$ 7.36.0424.111

PLT TYP. Wave

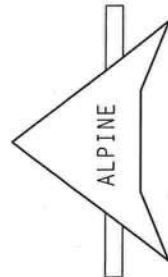
WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RECSI BUILDING COMPONENTS LIMITED FOR THE TRUSS PANEL INSTRUCTIONS. 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND CONTACT THE TRUSS PANELS MANUFACTURER. 2300 ENTERPRISE LANE, WAUWATONIA, WI 53190. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

**** IMPORTANT **** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. (BY AISC) AND TPI. ITW BCG DESIGNER PLATES ARE MADE OF 20/18/16GA (.075/MSK) ASTM A653 GRADE 40/60 (N. K/H-55) GALV. STEEL. APPLICABLE CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. (BY AISC) AND TPI.

CONTRACTOR PLATES ARE MADE OF 20/18/16GA (.075/MSK) ASTM A653 GRADE 40/60 (N. K/H-55) GALV. STEEL. APPLICABLE CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. (BY AISC) AND TPI.

AN INSPECTION OF PLATES FOLLOWED BY A VISUAL INSPECTION OF THE TRUSS TO VERIFY THE TRUSS CONSTRUCTION. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS CONSTRUCTION. DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

TC LL	20.0	PSF	REF	R8228- 38126
TC DL	10.0	PSF	DATE	01/02/08
BC DL	10.0	PSF	DRW	HCUSR8228 08002022
BC LL	0.0	PSF	HC-ENG	DAL/AP *
TOT.LD.	40.0	PSF	SEQN-	68191
DUR.FAC.	1.25		FROM	AH
SPACING	24.0"		JREF-	1TDT8228Z01

	Top chord	2x4	SP #2	Dense
	Foot	2x4	SP #2	Dense
	Webs	2x4	SP #3	

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC

(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

factor for dead load is 1.50.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION,
 HANDLING, SHIPPING, INSTALLING AND BRACING.
 SEE 60774
 QTY: 1 FL / 4 / - R / -
 7.36.0424 1.00 1.23 0.00
 Scale = .1875" / Ft.

A PROPERLY ATTACHED RIGID CEILING,
 WITHOUT ANY ADDITIONAL PANELS AND BOTTOM CHORD SHALL HAVE
 No. 52812
 01/02/08
 DATE
 01/02/08

	TOTAL	SEAN	COROS	NO DISE
	TOT ID	TOT ID	NO DISE	

UL Certificate of Authorization # 0278

DATE OF EXPIRATION PER ANSI/TPI 1 SEC. 2.	JAN 01 2009
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	SPACING 24 IN
CERTIFICATION NUMBER	1DTE02926701

107827810 UNCLE

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)

Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

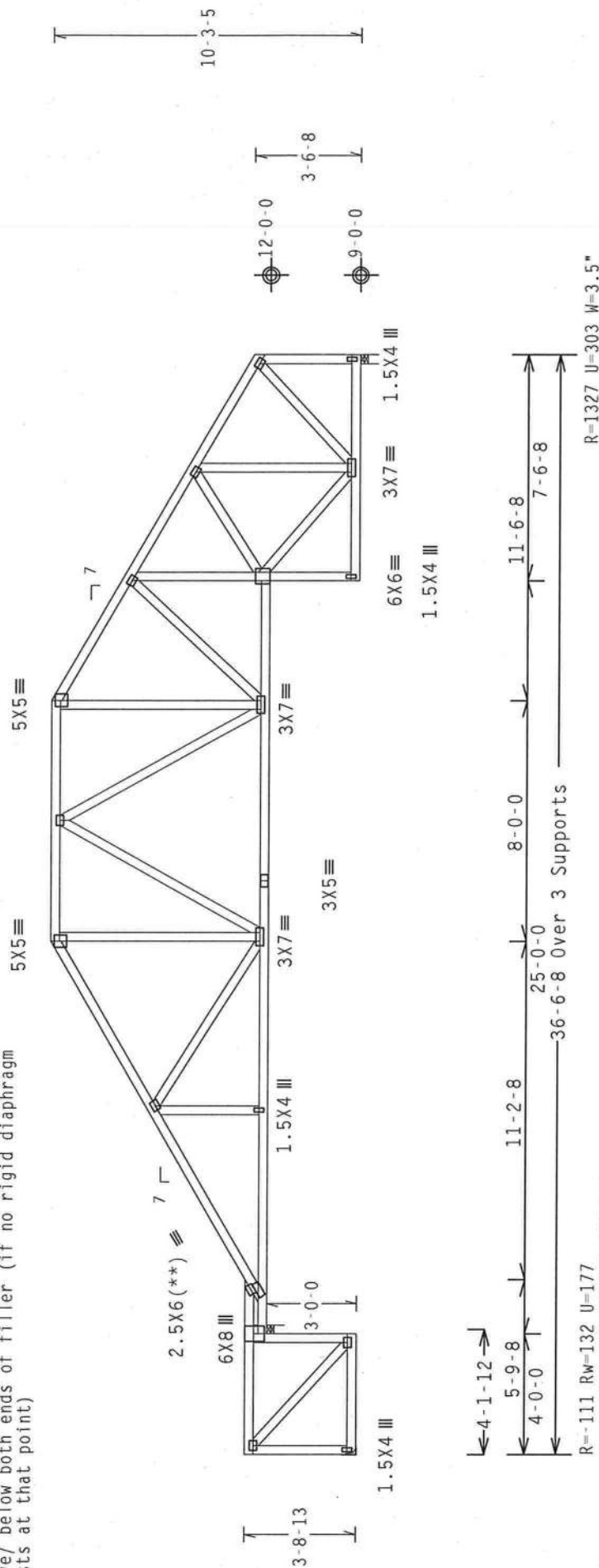
110 mph wind, 15.78 ft mean hgt, ASCE 7-02, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCPI (+/-)=0.55

Max JT VERT DEFL: LL: 0.12" DL: 0.20" recommended camber 3/8"

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

See DWG. BCFILLER0207 and TCFILLER0207 for filler details.

Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)



R=-111 RW=132 U=177
R=1822 U=413 W=35"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0)$$

124

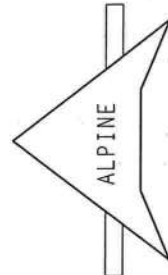
FI / - / 4 / - / - / P / -

Scale = 1875"/ft

WARNING THESE REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO 9253 ROUNDTOP INFORMATION, PUBLISHED BY THE CRUISE PASSAGE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-1400, FOR THE AMERICAN SOCIETY OF CRUISE SHIPBUILDERS, 6300 ENTERPRISE LANE, SUITE 310, MIAMI, FL 33157. FOR SAFETY PRACTICES, PLEASE REFER TO THE FOLLOWING STANDARDS: OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ASEA) AND TPI. ITN BCG
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ASEA) AND TPI.
CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ASEA) AND TPI.
CONNECTOR PLATES ARE MADE OF 2018/106GA (N-1/25X1/8) ASTM A653 GRADE 40/60 (N, K/H-55) GALV. STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A-3 OF TPI-2002 SEC. 2.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ASEA/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 0 278

Jan

SPACING 24.0"

REF- 1TDT8228Z01

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" 0.c.

Webs : 1 Row @ 4" 0.c.

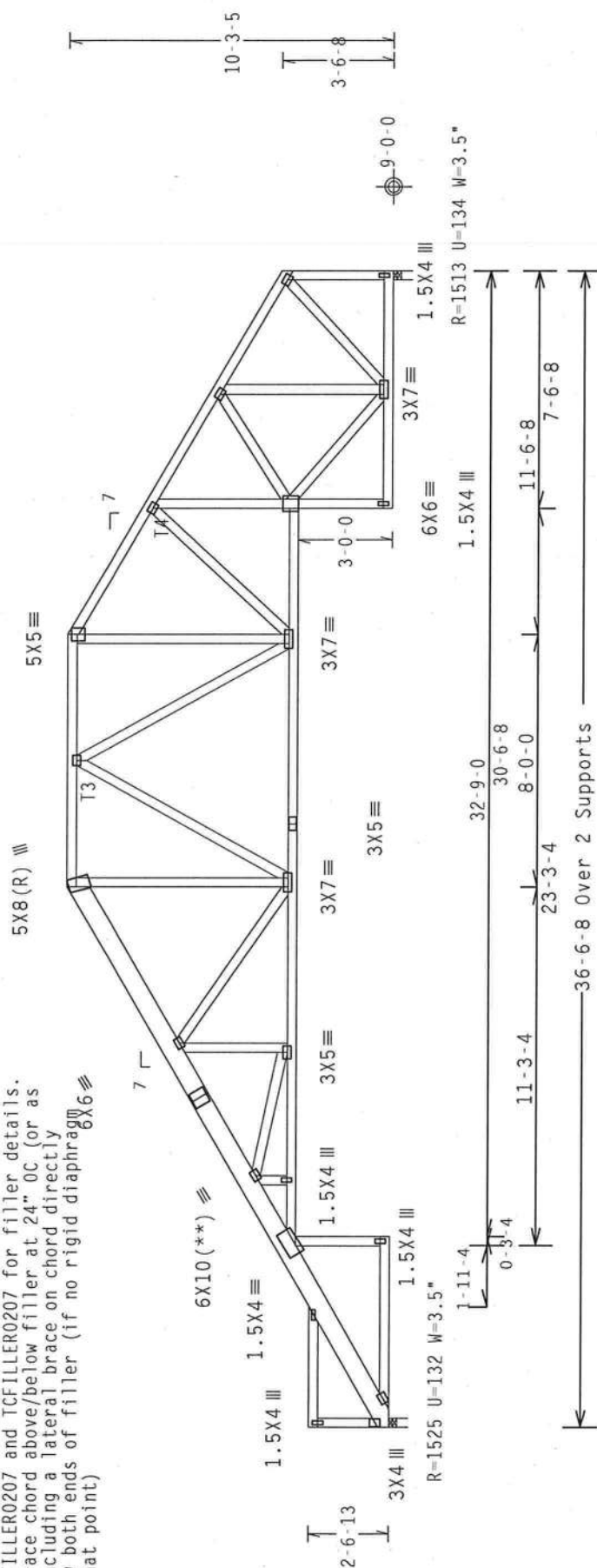
Use equal spacing between rows and stagger nails in each row to avoid splitting.

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft. from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $1w=1.00$ GCpi(+/-)=0.18

Calculated horizontal deflection is 0.45" due to live load and 0.73" due to dead load.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Calculated vertical deflection is 0.60" due to live load and 0.97" due to dead load at X = 5-6-14.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

QTY:1 EL/-/4/-/-/R/-/

Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BRUSS CONNECTION SYSTEM) FOR INFORMATION. PUBLISHED BY TPI (TROSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-0000 ENTERPRISE LAKE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.			
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR LOSS DUE TO THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE AT THE USER'S SOLE RISK. SEE LIST OF MATERIALS FOR SPECIFICATIONS. THIS IS AN APPROVED DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. FOR WOOD JOINTS AND BOLTS. ALL CONNECTOR PLATES ARE MADE OF 20/18/216GA (.04/.055/M) ASTM A563 GRADE 40/60 (A, K/J6/S5) GALV., STEEL APPX 2- PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.			
JAMES E. COLLINS STATE OF FLORIDA PROFESSIONAL ENGINEER No. 52212		Jan 10, 2012	
TC LL	20.0 PSF	REF	R8228 - 38129
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCSUR8228 0802025
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	68683 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDTR8228Z01

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" 0.c.

Webbs : 1 Row @ 4" 0.C.C.

Use equal spacing between rows and stagger nails in each row to avoid splitting.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Calculated vertical deflection is 0.59" due to live load and 0.95" due to dead load at $X = 5-9-14$.

See DWG. BCFILLER0207 and TCFILLER0207 for filler details. Laterally brace chord above/below filler at 24" OC (or as designed) including a lateral brace on chord directly above/ below both ends of filler (if no rigid diaphragm exists at that point)

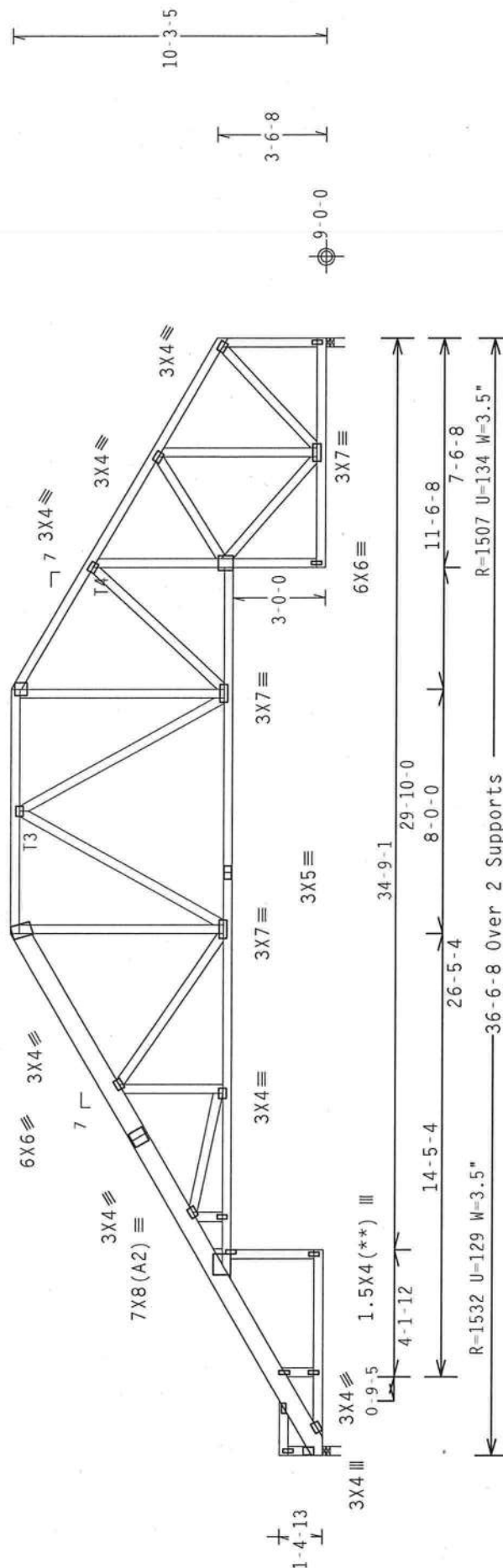
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi(+/-)=0.18

Calculated horizontal deflection is 0.45" due to live load and 0.72" due to dead load.

See DWGS TCFILLER0207 and BCFILLER0207 for filler details.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

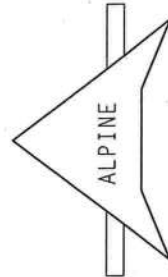
$$Cq/RT=1.00(1.25)/0(0)$$

QTY:1 FL1-141-1-1R1-

Scale = 1875"/Ft.

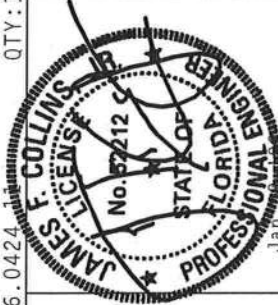
*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. BUYER TO OBTAIN AND FOLLOW ALL INSTRUCTIONS PUBLISHED BY THE CROSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30201. FOR TECHNICAL ASSISTANCE, CONTACT CROSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30201. FAX 527/1919. MA 527/1919. *****WARNING***** UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1-0 OR FABRICATING, HANDLING, SHIPPING, INSTALLING, E, BRACING OF TRUSSES. ITM BCG DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPT. ITM BCG HAS BEEN ADVISED THAT THERE MAY BE SOME VARIATIONS IN THE MANUFACTURING OF THE TRUSS, SUCH AS PLATES TO EACH FACE OF FLOORS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS. A SEAL ON EACH INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ABX64 A3 OF TP1-2002 SECTION 3.2. THE ACCEPTANCE OF THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. THE USER OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABX64 TP1-1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

FL Certificate of Authorization #0278



TC LL	20.0	PSF	REF	R8228-	38130
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002024
BC LL	0.0	PSF	HC-ENG	DAL/AP	
TOT.LD.	40.0	PSF	SEQN-	68727	REV
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TDT8228701	

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common_ (0.148"x3.25", min.)_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 1 Row @12.00" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

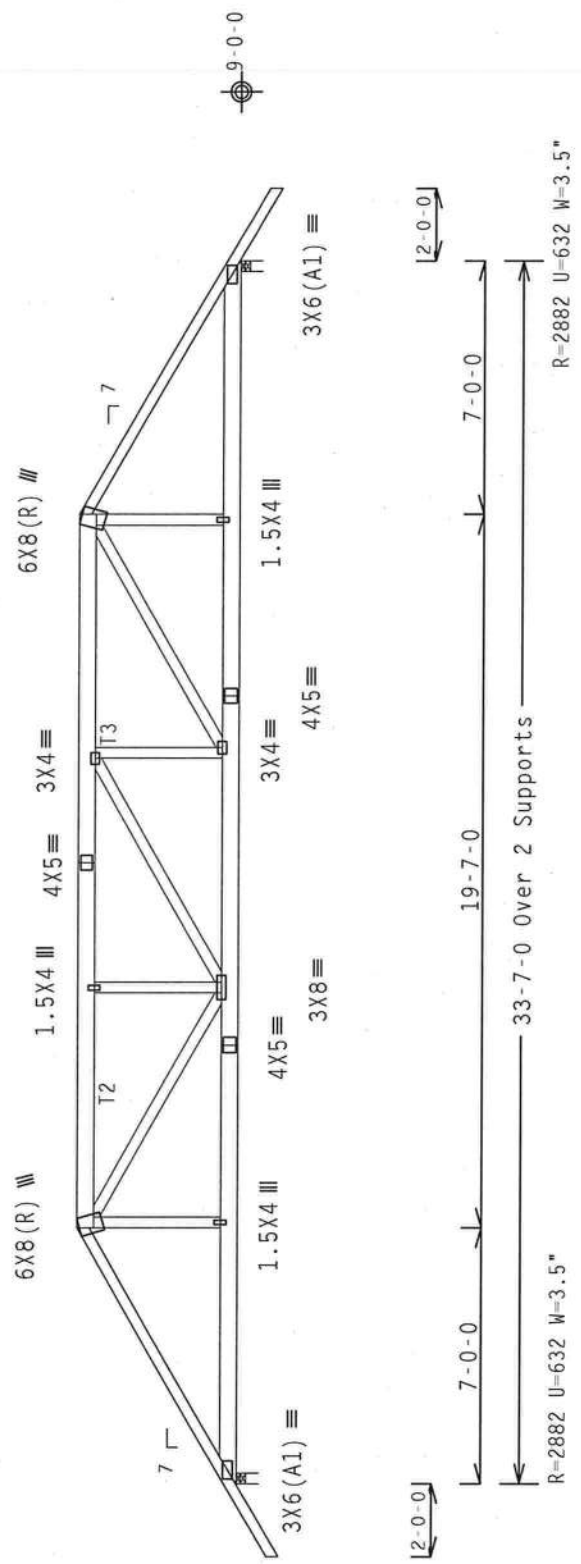
Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART_ENC. bldg. Located
anywhere in roof. CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. Iw=1.00 Gcpi (+/-)-0.55

Wind reactions based on MWFRS pressures.

#1 hip supports 7-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)/

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R8228-	38131
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR8228	0802005
BC LL	0.0 PSF	HC-ENG WHK/WHK		
TOT.LD.	40.0 PSF	SEQN-	61764	
DUR.FAC.	1.25	FROM	AH	
SPACING SEE ABOVE		JREF-	1TDT8228Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY MANUAL FOR TRUSS MANUFACTURER'S INSTRUCTIONS. AMERICAN INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22304 AND WCA (800) TRUSS, COURTESY OF THE TRUSS MANUFACTURER, 10000 NORTH LEE STREET, MADISON, WI. 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROUSS IN CONFORMANCE WITH THIS DESIGN MAY RESULT IN DELAYING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH THE FOLLOWING SPECIFICATIONS:

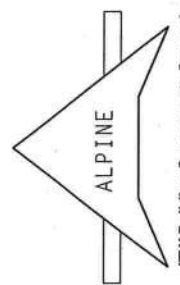
CONTRACTOR PLATES ARE MADE OF 20X18/216GA. W/ASTM/AISI A573 GRADE 40/60 CM. X/H/S53 GALV. 17H BCG

PLATES TO EACH FACE OF TROUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TP11-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1

PAGE 2



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense :B1 2x6 SP #2:
Webs 2x4 SP #3

SPECIAL LOADS

- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
- TC - From 63 PLF at -2.00 to 63 PLF at 7.75
- TC - From 63 PLF at 7.75 to 63 PLF at 17.75
- TC - From 63 PLF at 17.75 to 63 PLF at 25.83
- TC - From 63 PLF at 25.83 to 63 PLF at 35.58
- BC - From 5 PLF at -2.00 to 5 PLF at 0.00
- BC - From 20 PLF at 0.00 to 20 PLF at 10.00
- BC - From 20 PLF at 10.00 to 20 PLF at 23.58
- BC - From 20 PLF at 23.58 to 20 PLF at 33.58
- BC - From 5 PLF at 33.58 to 5 PLF at 35.58
- BC - -111 LB Conc. Load at 5.92
- BC - -72 LB Conc. Load at 7.92
- BC - 91 LB Conc. Load at 9.85
- BC - 407 LB Conc. Load at 11.85
- BC - 793 LB Conc. Load at 13.85
- BC - 768 LB Conc. Load at 15.85
- BC - 759 LB Conc. Load at 17.85
- BC - 758 LB Conc. Load at 19.85
- BC - 758 LB Conc. Load at 21.85
- BC - 763 LB Conc. Load at 22.73
- BC - 787 LB Conc. Load at 24.73
- BC - 774 LB Conc. Load at 26.73
- BC - 751 LB Conc. Load at 28.73

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

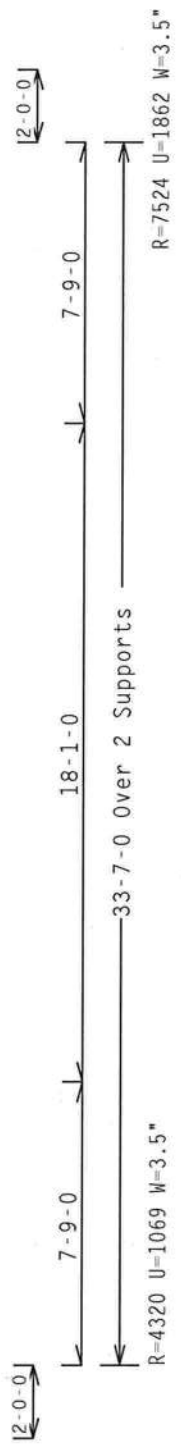
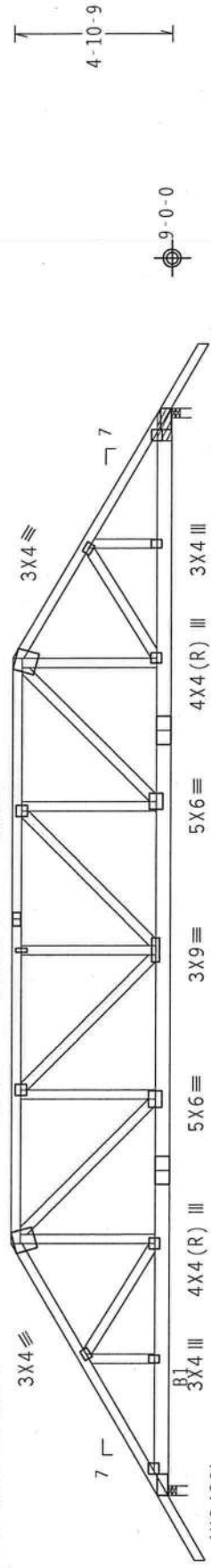
Bearing blocks: Nail type: 12d Common (0.148"x3.25", min.)_nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 33.292' 1 12" 5 Rigid Surface
Bearing block to be same size and species as bottom chord.
Refer to drawing CNRBGLK0207 for additional information.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS.Wave

QTY: 1

FL/-4/-1-/R/-

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF R8228- 38132
TC DL	10.0 PSF	DATE 01/03/08
BC DL	10.0 PSF	DRW HCUSR8228 08003002
BC LL	0.0 PSF	HC-ENG DAL/AP
TOT.LD.	40.0 PSF	SEQN- 68711
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TDT8228201

JAMES F. COLLINS JR.
No. 52012
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 2008

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

ALPINE

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG CORP. CORRECTION PLATES ARE MADE OF 2018/16GA ALUMINUM. ALL CORRECTION PLATES SHALL BE STEEL. ALL CORRECTION PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2, 1604-3, 1604-4, 1604-5, 1604-6, 1604-7, 1604-8, 1604-9, 1604-10, 1604-11, 1604-12, 1604-13, 1604-14, 1604-15, 1604-16, 1604-17, 1604-18, 1604-19, 1604-20, 1604-21, 1604-22, 1604-23, 1604-24, 1604-25, 1604-26, 1604-27, 1604-28, 1604-29, 1604-30, 1604-31, 1604-32, 1604-33, 1604-34, 1604-35, 1604-36, 1604-37, 1604-38, 1604-39, 1604-40, 1604-41, 1604-42, 1604-43, 1604-44, 1604-45, 1604-46, 1604-47, 1604-48, 1604-49, 1604-50, 1604-51, 1604-52, 1604-53, 1604-54, 1604-55, 1604-56, 1604-57, 1604-58, 1604-59, 1604-60, 1604-61, 1604-62, 1604-63, 1604-64, 1604-65, 1604-66, 1604-67, 1604-68, 1604-69, 1604-70, 1604-71, 1604-72, 1604-73, 1604-74, 1604-75, 1604-76, 1604-77, 1604-78, 1604-79, 1604-80, 1604-81, 1604-82, 1604-83, 1604-84, 1604-85, 1604-86, 1604-87, 1604-88, 1604-89, 1604-90, 1604-91, 1604-92, 1604-93, 1604-94, 1604-95, 1604-96, 1604-97, 1604-98, 1604-99, 1604-100. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

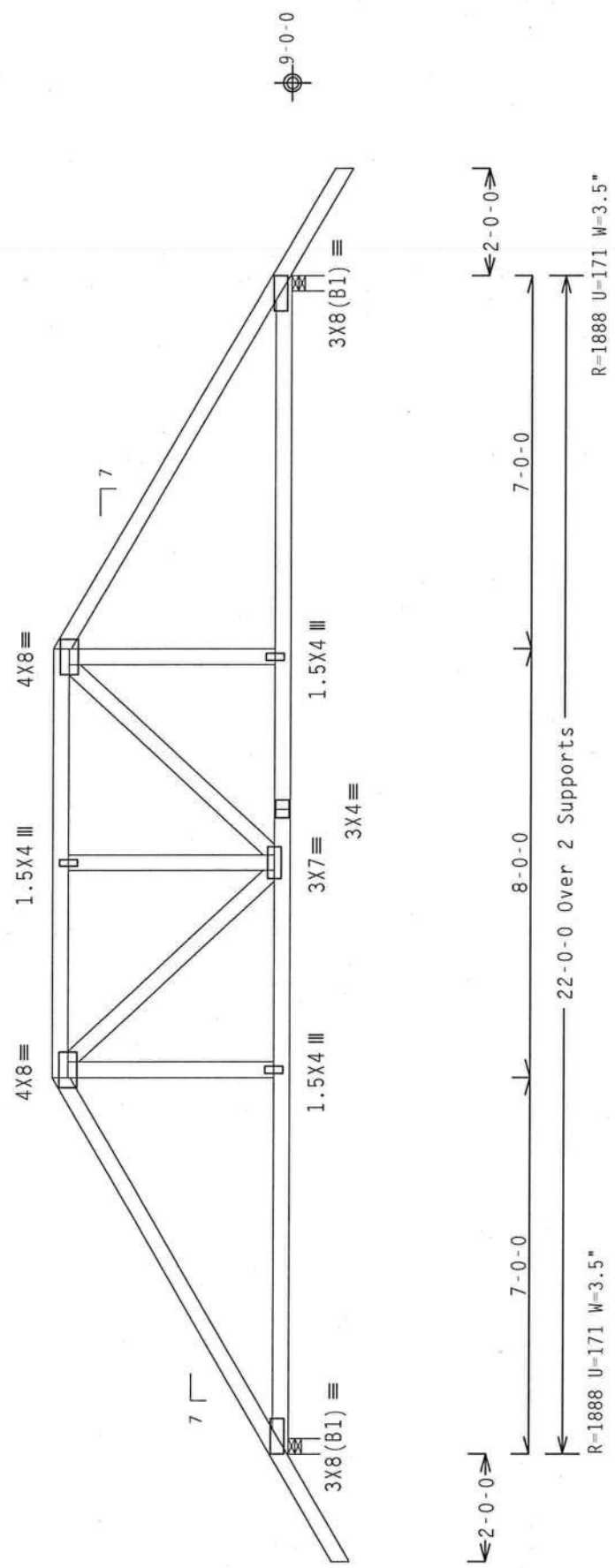
110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

#1 hip supports 7-0-0 jacks with no webs.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

Scale = .3125"/Ft.

QTY:1 FL/-/4/-/-/R/-/-

7.36.0424

$$Cq/RT = 1.00(1.25)/0(0)$$

Design Critic

1

PLT TYP. Wave

REF	R8228- 38133
DATE	01/02/08
DRW	HCUSR8228 08002017
HC-ENG	WHK/WHK
SEQN-	61694
FROM	AH
JREF-	1TDT8228Z01

TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT. LD.	40.0	PSF
DUR. FAC.	1.25	
SPACING	SEE ABOVE	

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES S. COLLINS, JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the text "STATE OF FLORIDA" at the top and "LICENSE NO. 82212" at the bottom, also separated by two stars. A date stamp "Jan 03 '08" is visible on the right side of the seal. The seal is stamped over a document with a grid pattern.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 210
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 210
 REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (CRUSS PATE INSTITUTE, 210
 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND METCA (WOOD TRUSS COUNCIL OF AMERICA, 6300
 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE
 OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
 A PROPERLY ATTACHED RIGID BEAMING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT
 BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH
 TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIA/AIA) AND TPI.
 CONNECTOR PLATES ARE MADE OF 70/30/1664 (4-H/55/76) ASTM A653 GRADE 40/60 (4, K/10, 55) GALV. STEEL. APPLY
 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-
 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THE
 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS
 BUILDING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 270

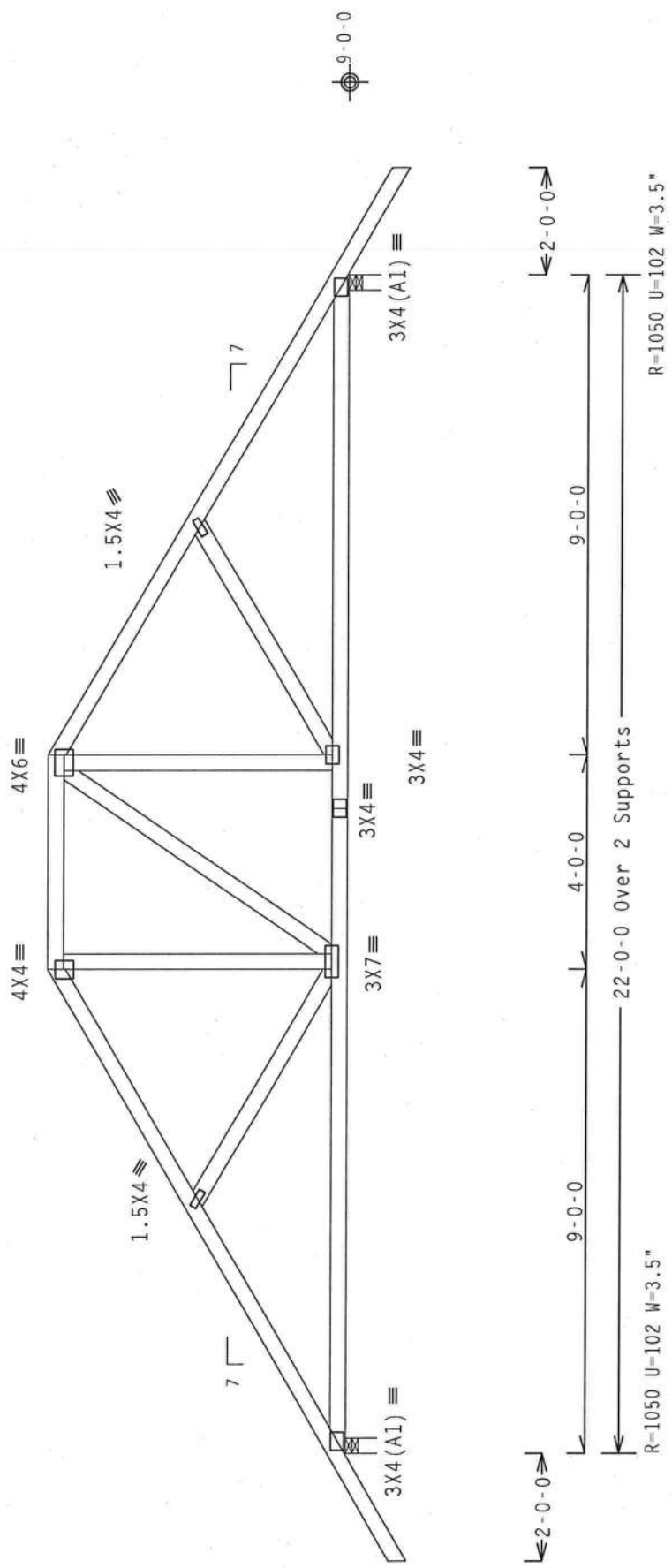
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)0.18

Wind reactions based on MWFRS pressures.

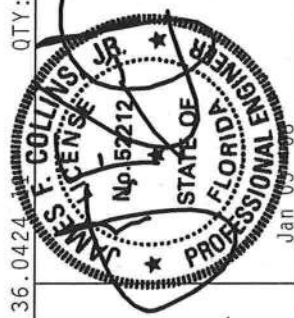
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/

Scale = .3125"/Ft.

TC LL	20.0	PSF	REF	R8228-	38134
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002018
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	61699	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TD8228Z01	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BOTTOM CHORDS MUST BE PROPERLY BOLTED TO TOP CHORDS. (CROSS PLATE INSTALLED, TYPE 1) FOR ALL TRUSS TYPES. THE FOLLOWING INFORMATION IS FOR THE USER'S REFERENCE ONLY. IT IS NOT A SUBSTITUTE FOR THE TRUSS MANUFACTURER'S SPECIFICATIONS. THE USER SHALL OBTAIN THE TRUSS MANUFACTURER'S SPECIFICATIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIDGE SCISSOR.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING.

ALPINE

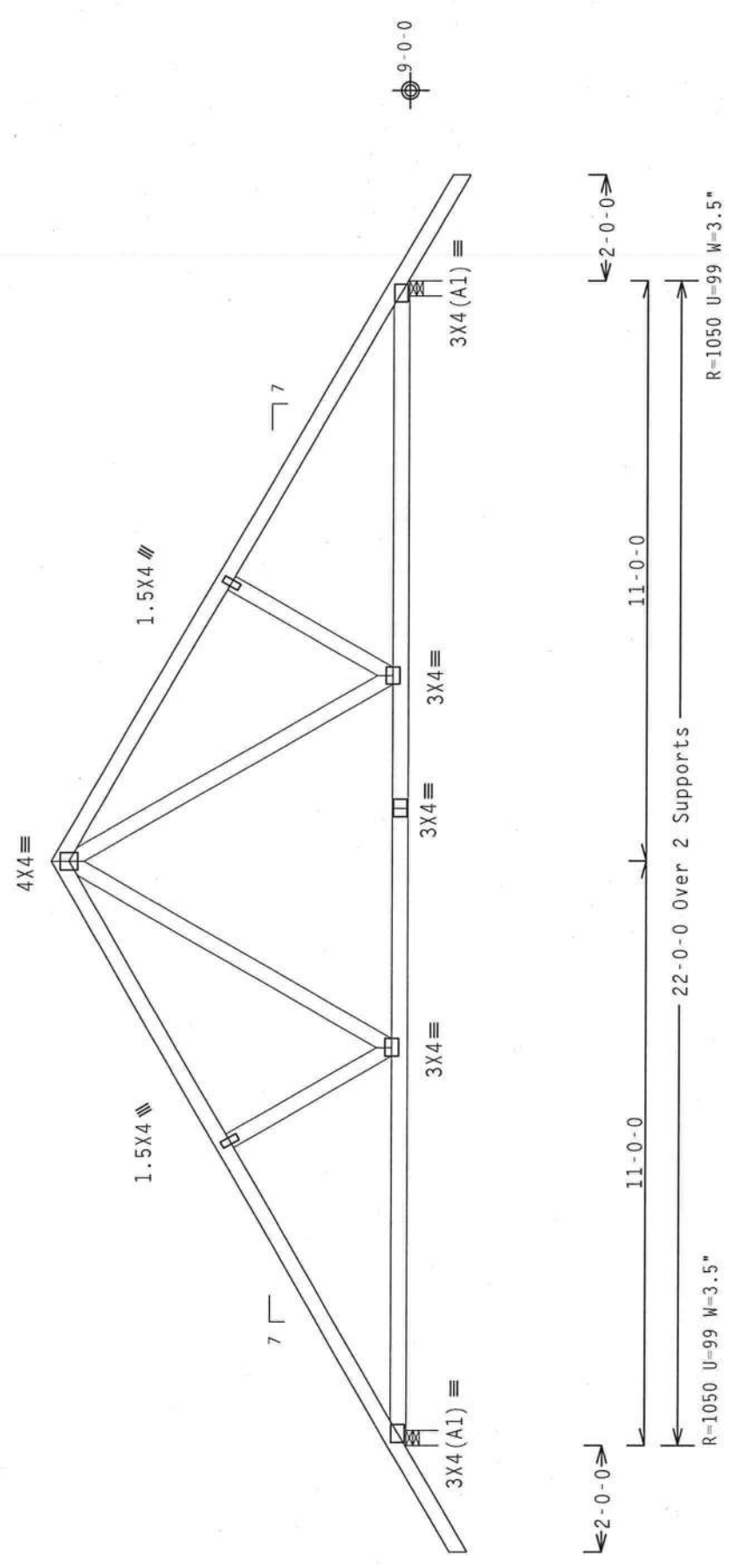
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

Cq/RT=1.00(1.25)/0(0)

7.36.0424

QTY:2

FL/-/4/-/R/-

Scale = .3125" / Ft.

REF	R8228-	38135
DATE	01/02/08	
DRW	HCUSR8228	08002001
HC-ENG	WHK/WHK	*
SEQN-	61704	
FROM	AH	
JREF-	1TDT8228Z01	

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

Jan 09 2008

FLORIDA PROFESSIONAL ENGINEER

No. 82712

F. COLLINS, JR.

STATE OF FLORIDA

ENGINEER

ALPINE

ITW Building Components Group, Inc.

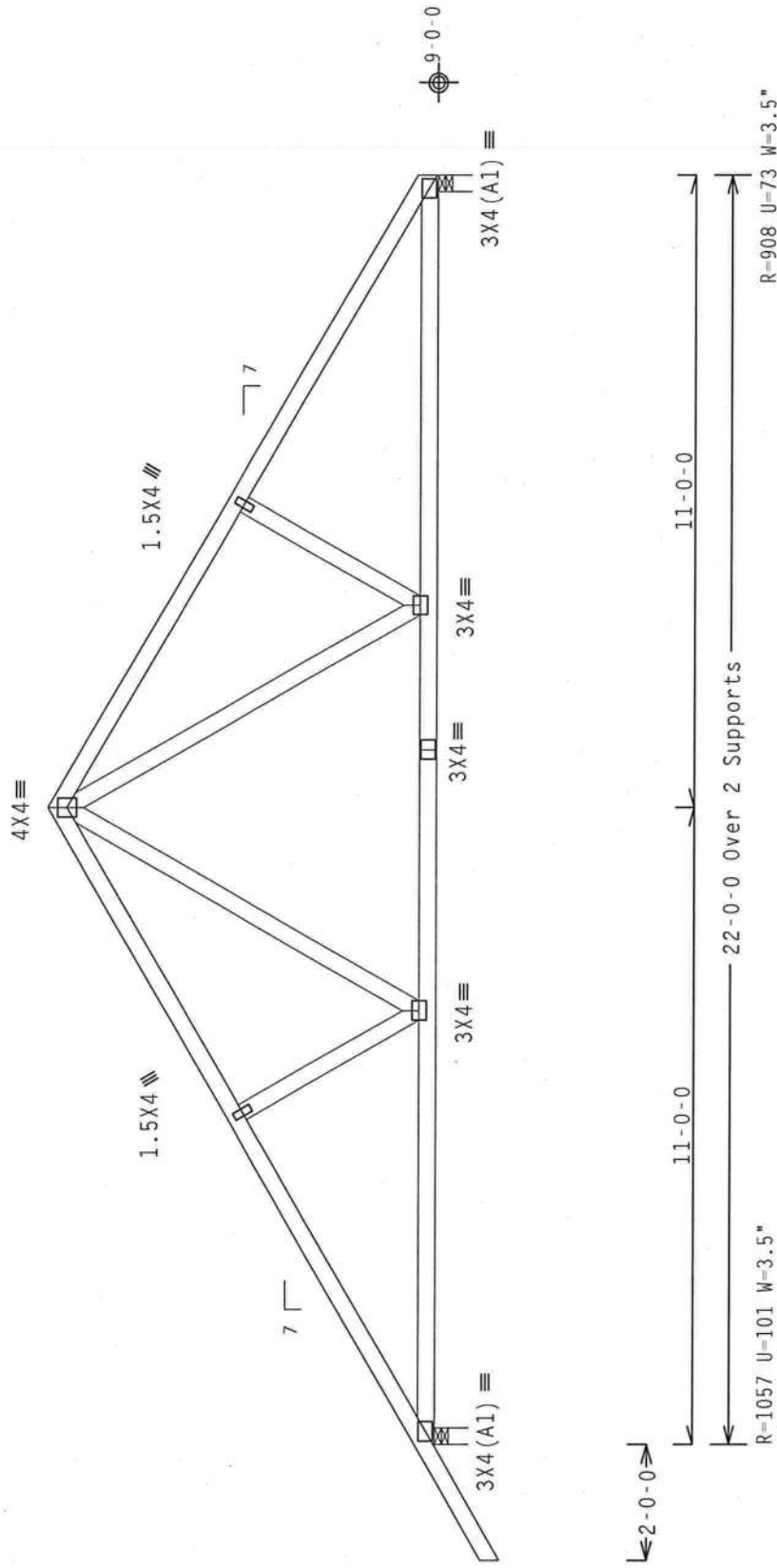
Haines City, FL 33844

FL Certificate of Authorization # 0 278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/18/18GA (N.H/SS/SS) ASH 6063 GRADE 40/60 (N. K/H/SS) GALV. STEEL. APPLY CONNECTION PLATES TO ALL TRUSS MEMBERS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY ITW SHALL BE PERFORMED BY ITW BCG, INC. FOR THE TRUSS COMPANY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(7-326--VERNON MASTERS Streicher -- , ** - D2)
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCPI (+/-)=0.18
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



PLT TYP. Wave

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

7.36.0424

QTY:5

FL/-/4/-/-/R/-

Scale = .3125"/ft.

TC LL	20.0 PSF	REF R8228- 38136
TC DL	10.0 PSF	DATE 01/02/08
BC DL	10.0 PSF	DRW HCUSR8228 08002003
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN- 61711
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TDT8228201

JAMES F. COLLINS
LICENSED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 82171
Jan 03 08

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/106A (M/MS/K) ASH A663 GRADE 40/60 (M, K/M/SS) GALV. STEEL. APPLY TO ALL TRUSSES. ITW BCG TRUSSES ARE DESIGNED FOR 15-MINUTE FIRE RESISTANCE. SEE DETAILING PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PERFORMED BY A DESIGNER. DESIGNER SHALL BE SOLELY RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

(7-326--VERNON MASTERS Streicher -- , ** - E1-GDR)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

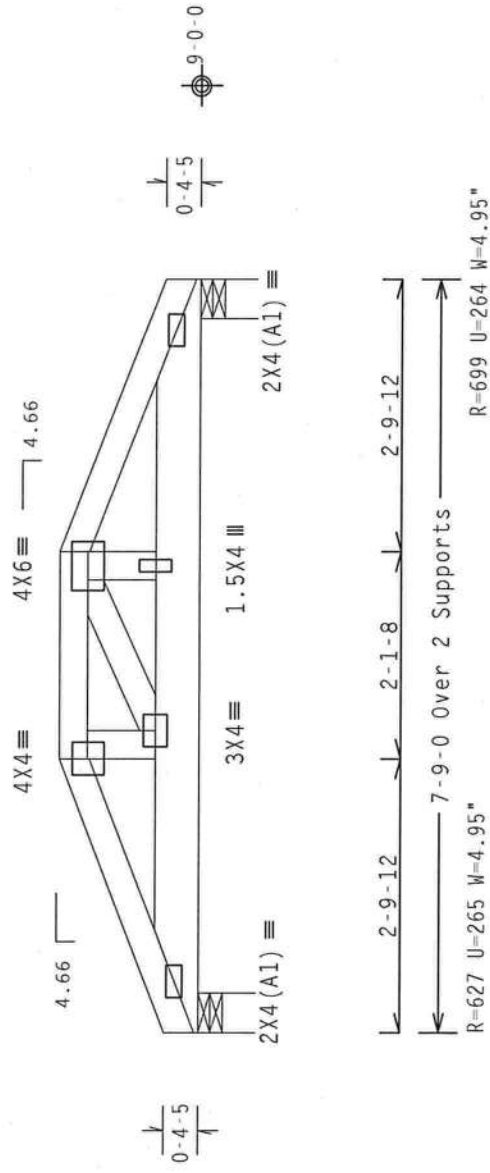
Wind reactions based on MMFRS pressures.

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS

TC - From	DUR.FAC.=1.25 / PLATE	DUR.FAC.=1.25
TC - From	61 PLF at 0.00 to	61 PLF at 2.81
TC - From	61 PLF at 2.81 to	61 PLF at 4.94
TC - From	61 PLF at 4.94 to	61 PLF at 7.75
BC - From	20 PLF at 0.00 to	20 PLF at 7.75
TC - 110 LB Conc.	Load at 1.54,	6.21
TC - 44 LB Conc.	Load at 2.21,	5.54
TC - 7 LB Conc.	Load at 2.81,	4.94
TC - 10 LB Conc.	Load at 2.96,	4.79
BC - 296 LB Conc.	Load at 1.10,	3.10,
BC - 35 LB Conc.	Load at 1.54,	6.21
BC - 20 LB Conc.	Load at 2.21,	5.54
BC - 11 LB Conc.	Load at 2.81,	4.94
BC - 8 LB Conc.	Load at 2.96,	4.79



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL / - / 4 / - / - / R / -	Scale = .5" / Ft.
	TC LL	20.0 PSF	REF R8228- 38137
	TC DL	10.0 PSF	DATE 01/02/08
	BC DL	10.0 PSF	DRW HCUSR8228 08002002
	BC LL	0.0 PSF	HC-ENG WHK/WHK
	TOT.LD.	40.0 PSF	SEQN- 61758
	DUR.FAC.	1.25	FROM AH
	SPACING	24.0"	JREF- 1TDT8228Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

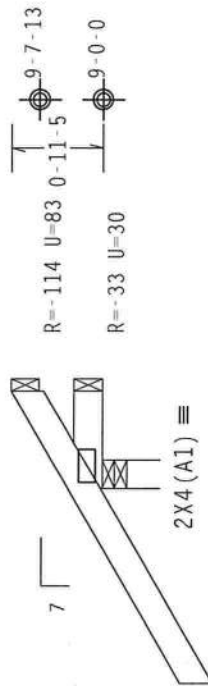
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

Bearing reactions of -33# at (1-0-0, 9-0-0), -114# at (1-0-0, 9-7-13), require special connection to resist uplift from loads other than wind.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



$\downarrow$ 2-0-0 $\rightarrow$
 1-0-0 Over 3 Supports
 R=366 U=79 W=3.5"

Design Crit: TPI-2002(STD)/FBC
C_g/RT=1.00(1.25)

QTY:22 FL/-/4/-/-/R/-

TC LL	20.0	PSF	REF	R8228-	38140
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002015
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	61664	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TDT8228Z01	



Jan 03 '08

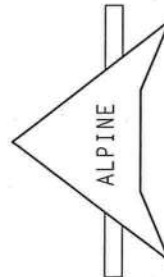
****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL THUSSES MUST BE PROPERLY BOLTED TO THE CHASSIS PLATE. THE FOLLOWING COMPANIES ARE THE ONLY THUSS MANUFACTURERS IN THE UNITED STATES: BULLDOG THUSS (CHASSIS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314), AND TACTIC THUSS (ENTERPRISE LANE, MA0500, MI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

*** IMPORTANT ***—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR—ITW BCG, INC.—SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI: 100A-2 (STEEL TRUSS DESIGN). THIS TRUSS IS TO BE BUILT TO THE FOLLOWING SPECIFICATIONS:

PLATES TO EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY TPI: SHALL BE PER ABX 43 OF TPI:—2002 SEC. 3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABX 43 OF TPI:—2002 SEC. 3.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

James City, IL 62644
FL Certificate of Authorization #0 278

(7-326--VERNON MASTERS Streicher -- , ** - HJ7)

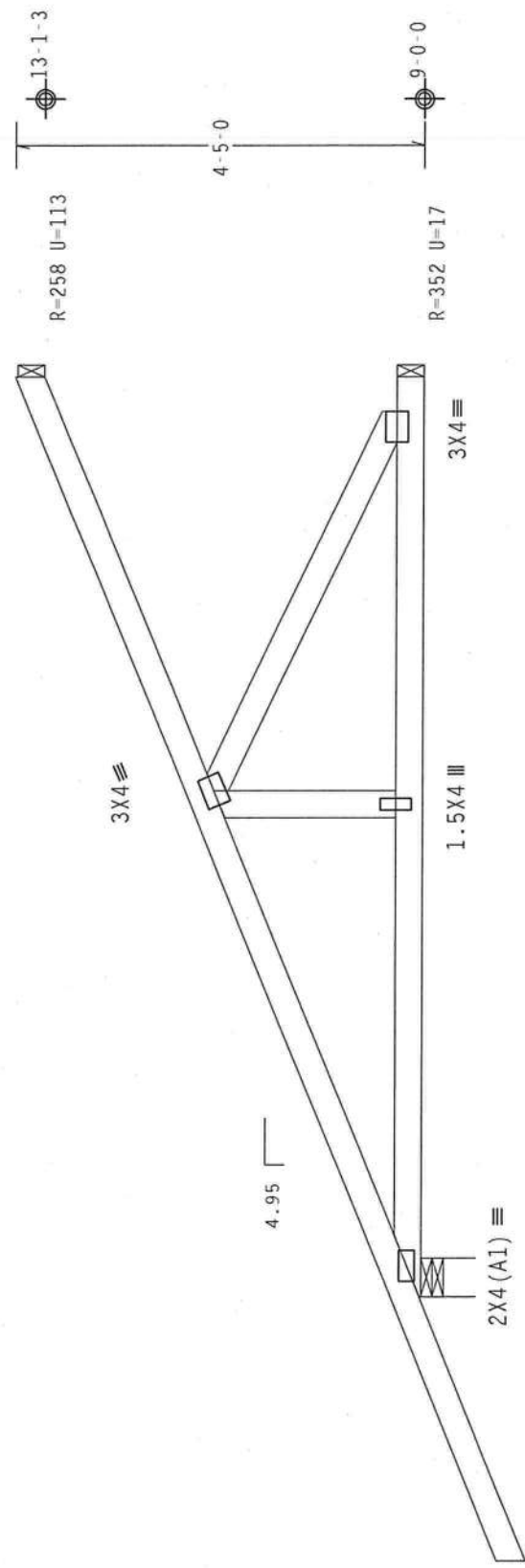
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, IW=1.00 Gcpi(+/-)=0.55

Hipjack supports 7-0-0 setback jacks with no webs.

Wind reactions based on MWFRS pressures.

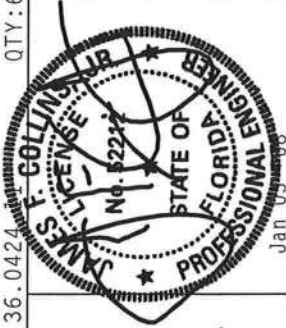
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



2-9-15
9-10-13 Over 3 Supports
R=546 U=148 W=4.95"

Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/0(0)

PLT TYP. Wave	QTY: 6	FL / - / 4 / - / - / R / -	Scale = .5" / Ft.
REF R8228- 38141	TC LL 20.0 PSF		
DATE 01/02/08	TC DL 10.0 PSF		
DRW HCUSR8228 08002009	BC DL 10.0 PSF		
HC-ENG WHK / WHK	BC LL 0.0 PSF		
SEQN- 61689	TOT.LD. 40.0 PSF		
FROM AH	DUR.FAC. 1.25		
JREF- 1TDT8228Z01	SPACING SEE ABOVE		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 5300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL STRUCTURES), UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

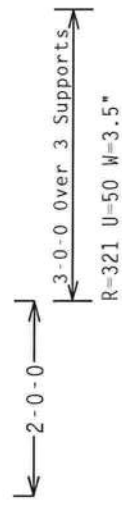
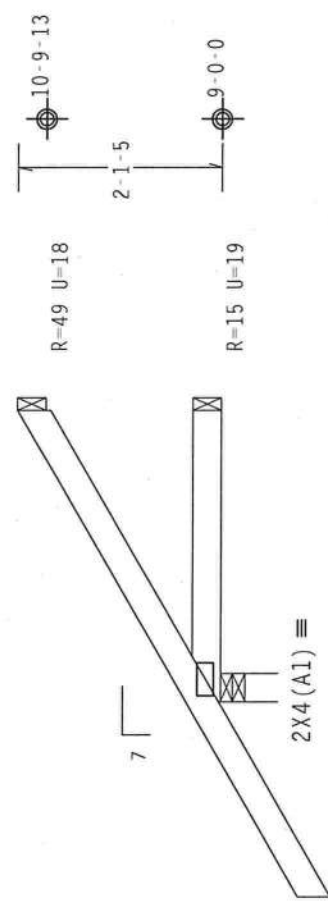
ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL STRUCTURES), UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

(7-326--VERNON MASTERS Streicher -- , ** - J3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, IW=1.00 GCpi(+/-)=0.55
Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/0(0)

Scale = .5" / Ft.

QTY: 14 FL / - / 4 / - / - / R / -

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSEI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD INSTITUTE, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG CONNECTORS ARE MADE OF 2018/1666 (W/SS/X) ASTM A653 GRADE 40/60 (W, K/H-SS) GALV. STEEL. APPLY TO ALL TRUSSES. ANY TRUSSES LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2, 100B-2, 100C-2, 100D-2, 100E-2, 100F-2, 100G-2, 100H-2, 100I-2, 100J-2, 100K-2, 100L-2, 100M-2, 100N-2, 100O-2, 100P-2, 100Q-2, 100R-2, 100S-2, 100T-2, 100U-2, 100V-2, 100W-2, 100X-2, 100Y-2, 100Z-2. ANY INSPECTION OF PLATES, FOLLOWED BY VISUAL INSPECTION OF THE TRUSS, SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R8228- 38142
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCUSR8228 08002014
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	61671
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDT8228Z01



ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

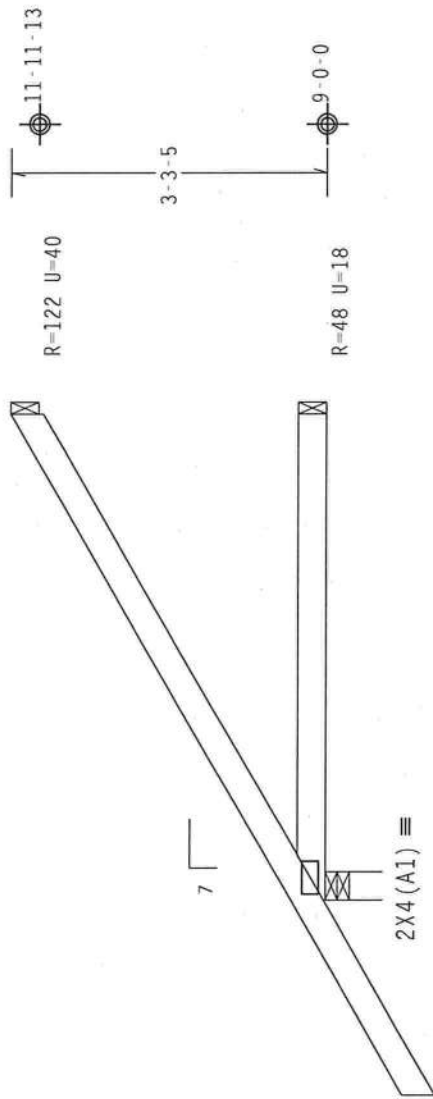
(7-326--VERNON MASTERS Streicher -- , ** - J5)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.55$

Wind reactions based on MWFRS pressures.

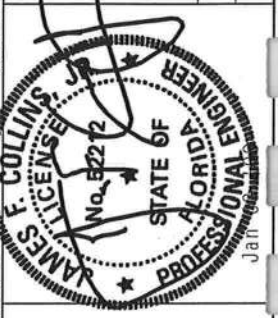


PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)
7.36.0424 11
QTY:13 FL/-/4/-/-/R/-
Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF R8228- 38143
TC DL	10.0 PSF	DATE 01/02/08
BC DL	10.0 PSF	DRW HCUSR8228 08002013
BC LL	0.0 PSF	HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN- 61675
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TDT8228Z01

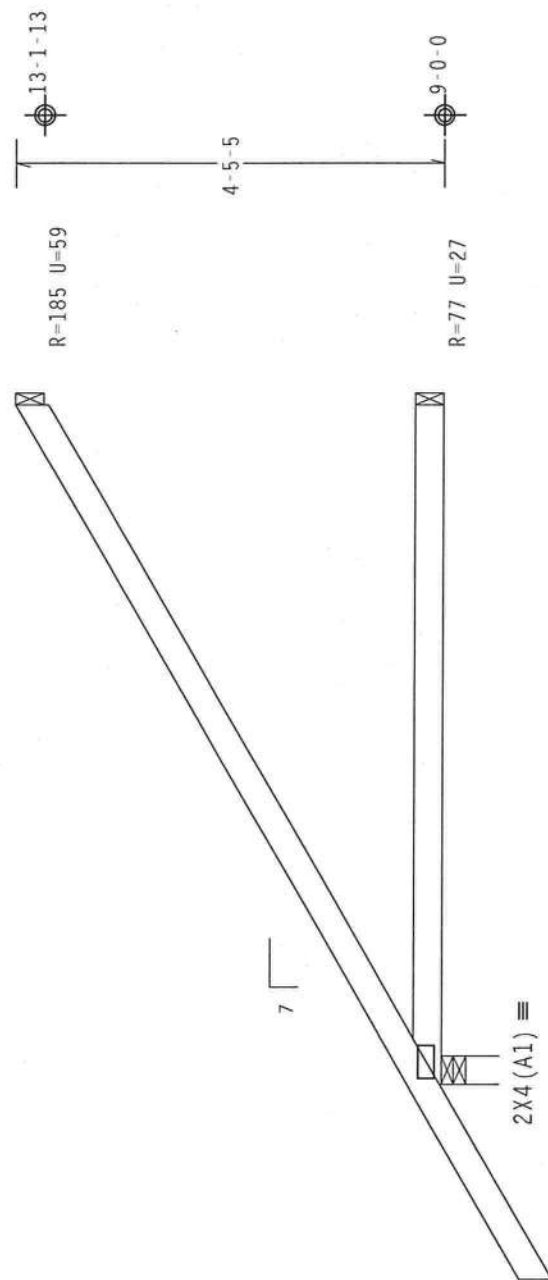


Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi(+/-)=0.55

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.



2.0.0

←———— 7-0-0 Over 3 Supports

R=455 U=63 W=3.5"

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

OTY:43 FL/-/4/-/-/R/-/

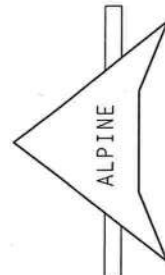
Scale = .5"/Ft.

****WARNING**** TROUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. REFER TO HGSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUITS IN CONFORMANCE WITH IPT-1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 304/316 STAINLESS STEEL (NATIONAL DESIGN SPEC., BY AFSPA) AND TPI. 1TW BCG HAS PROVIDED THE FOLLOWING INFORMATION ON THE LOCATION OF THE TRUSS CHORDS:

PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED AS SHOWN ON PER DRIVING END OF THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

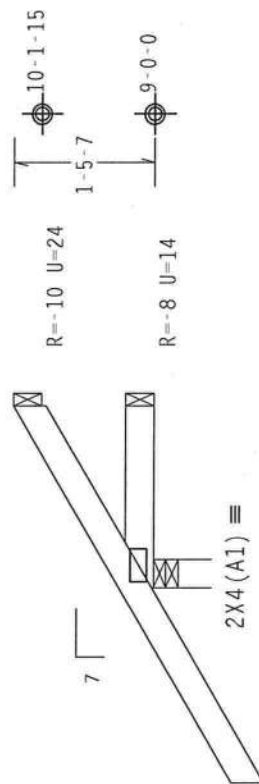


ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0 278



Jan 03/2000

TC LL	20.0	PSF	REF	R8228-	38144
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002016
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	61679	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TDT8228Z01	



$\overbrace{\quad\quad\quad}^{1-10-8 \text{ Over 3 Supports}}$
 $R=310 \quad U=43 \quad W=3.5"$

Design Crit: TPI-2002(STD)/FBC
C_a/RT=1.00(1.25)/

424.11

F11-141-1-1R1-

Scale = 5"/Ft

TC LL	20.0	PSF	REF	R8228-	38145
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002006
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	61727	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TDT8228201	



ITW Building Components Group, Inc.
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FL Certificate of Authorization # 0 278

(7-326--VERNON MASTERS Streicher -- , ** - HJ1)

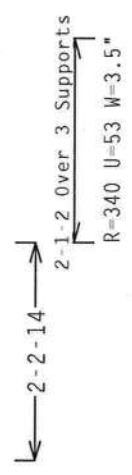
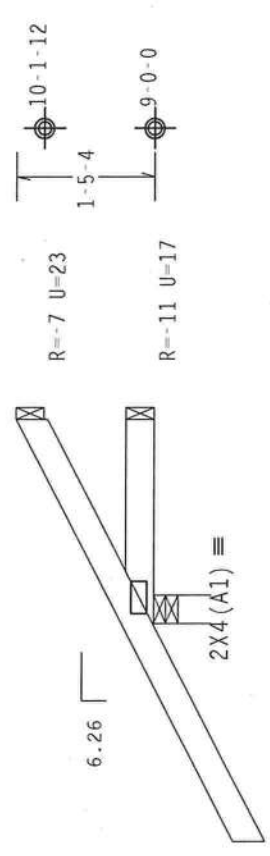
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf, lw=1.00 Gcpi (+/-)=0.18

Bearing reactions of -10# at (2-1-2, 9-0-0), -6# at (2-1-2, 10-1-12),
require special connection to resist uplift from loads other than
wind.

Wind reactions based on MWFRS pressures.

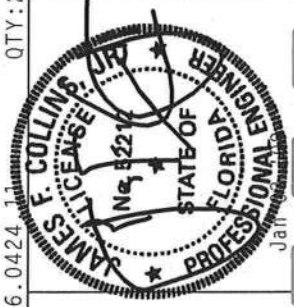
Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

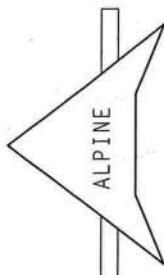
QTY: 2 FL/-/4/-/-/R/- Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R8228- 38146
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCUSR8228 08002004
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	61733
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDT8228Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/106A (MIL/SS/ASTM A563 GRADE 40/60 (M. 2/14/55) GALV. STEEL. APPLY TO ALL TRUSSES UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY THE INSPECTOR SHALL BE SOLELY FOR THE TRUSS COMPANY'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



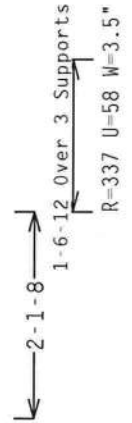
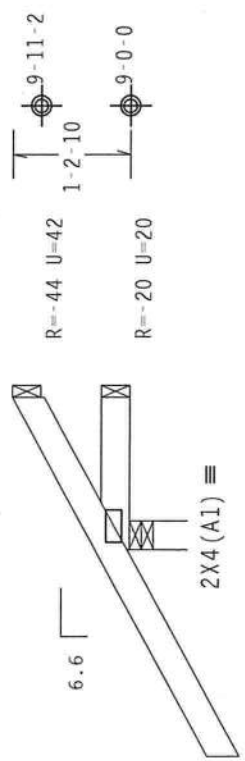
ITW Building Components Group, Inc.
Haines City, FL 33844
Fl. Certificate of Authorization # 0 278

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. lw=1.00 Gcpi (+/-)=0.18

Bearing reactions of -19# at (1-6-12, 9-0-0), -44# at (1-6-12,
9-11-2), require special connection to resist uplift from loads other
than wind.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase
factor for dead load is 1.50.



PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424 QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

	TC LL	20.0 PSF	REF R8228- 38147
	TC DL	10.0 PSF	DATE 01/02/08
	BC DL	10.0 PSF	DRW HCUSR8228 08002007
	BC LL	0.0 PSF	HC-ENG WHK/WHK
	TOT.LD.	40.0 PSF	SEQN- 61737
DUR.FAC.			FROM AH
SPACING			JREF- 1TDT8228Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48219) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

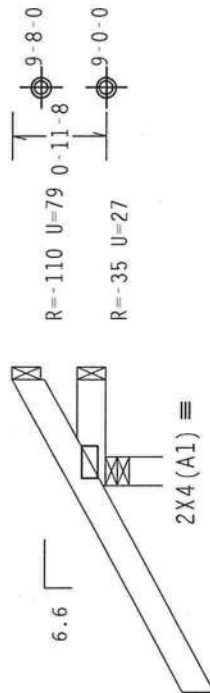
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/18/16GA (4.4/5.5/6.7) ASTM A653 GRADE 40/60 (4.4/5.5/6.7) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY ANY INSPECTION OF TRUSSES LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 100A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0278

Bearing reactions of -35# at (1-1-1, 9-0-0), -110# at (1-1-1, 9-8-0), require special connection to resist uplift from loads other than wind.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



$\leftarrow 2-1-8 \rightarrow$
 1-1-1 Over 3 Supports

R=379 U=79 W=3.5"

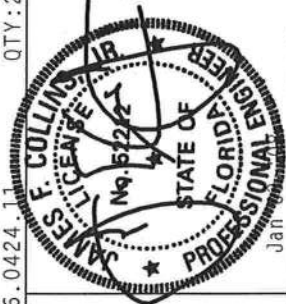
Design Crit: TPI-2002(STD)/FBC

$$Cq/RT=1.00(1.25)/0(0)$$

QTY:2 FL/-/4/-/-/R/-

Scale = 5"/Ft.

TC LL	20.0 PSF	REF	R8228- 38148
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCUSR8228 08002008
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	61741
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDT8228Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION FOR THE MANUFACTURER OF EACH TRUSS. CONTACT WITH A LOCAL INSTITUTE, ZERO EMISSIONS CENTER, NATIONAL GREEN BUILDING CONFERENCE, OR OTHER TRADE ORGANIZATION MAY BE HELPFUL. CONTACT WITH THE NORTH EAST LANE, SUITE 312, ALXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 1000 N. HARRIS BLVD., SUITE 500, MIAMI FL, 33139) FOR MORE INFORMATION. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH SPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS SPECIFICATION CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITN BCG
DESIGNS AND MANUFACTURES TRUSSES, BRACING, AND TRUSS COMPONENTS. THE TRUSS COMPONENTS ARE MADE OF 2018/T16GA (M-17/55K) ALUM. A63 GRADE 40/60 (N. K/H-55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TPI-2002 SEC. 2. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE AMBEX/TP1 AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER AMBEX/TP1 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

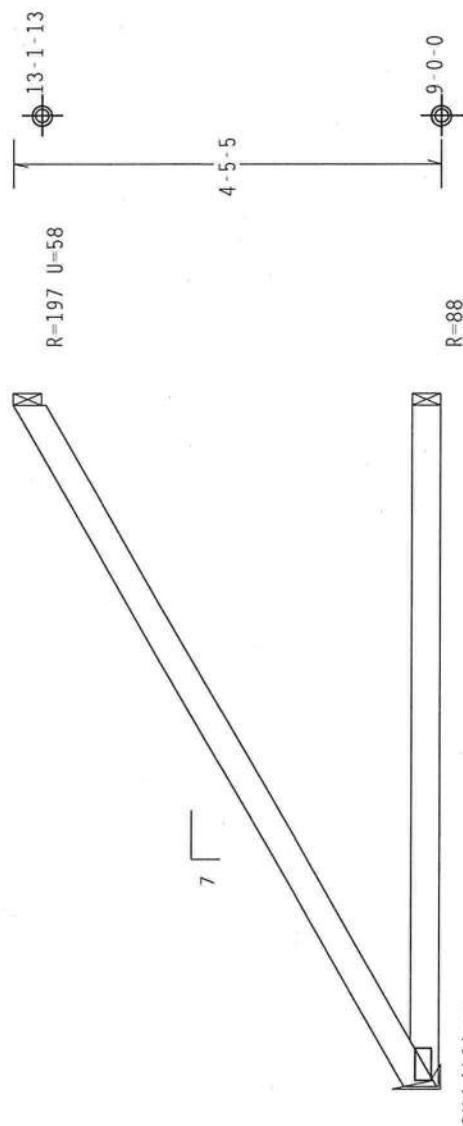
Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense

1110 mph wind. 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.


$$2 \times 4(A1) \equiv$$

7-0-0 Over 3 Supports

R-296 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2x6 Pine S-Pine - 2002 (STD) / FBC

PLT TYP. Wave

$$Ca/RT=1.00(1.25)/0(0)$$

QTY:4 EL / - / 4 / - / - / R / -

Scale = .5"/Ft.

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFLECT TO BEST AVAILABLE INFORMATION. THIS PRODUCT IS MANUFACTURED BY THE BRASS PLATE INSTITUTE, 218 NORTH LEE STREET, ALEXANDRIA, VA 22314. THIS PRODUCT IS NOT TO BE USED FOR ANY OTHER PURPOSES. CONTACT THE BRASS PLATE INSTITUTE, 218 NORTH LEE STREET, ALEXANDRIA, VA 22314, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

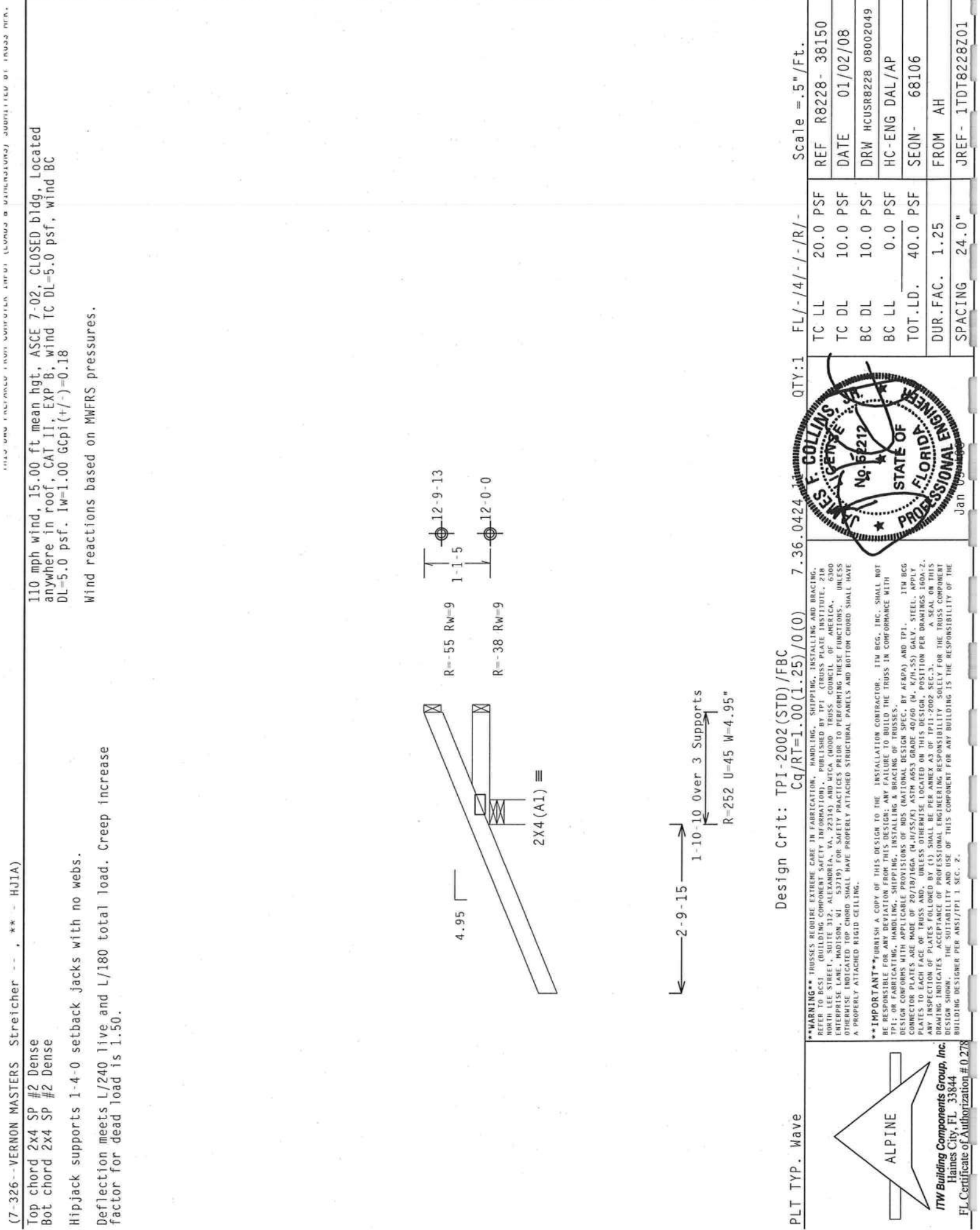
****IMPORTANT****TURKISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR LTD BCG INC SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPT-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPT-1. ITM BCG HAS DESIGNED THIS TRUSS TO MEET THE REQUIREMENTS OF THE NATIONAL DESIGN SPECIFICATION FOR STEEL TRUSS PLATES TO EACH FACE OF TRUSSED AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX A.3 OF TPT-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS CONVENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE TRUSS DESIGNER PER ANSI/TPI 1 SEC.2.



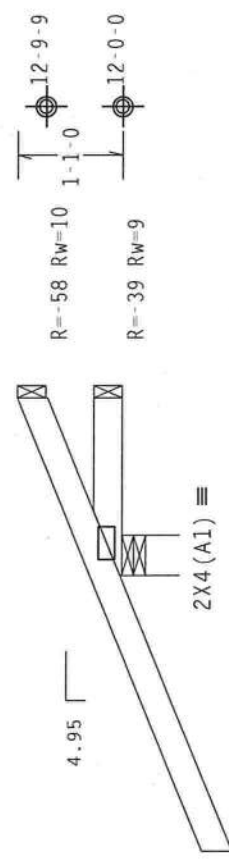
TC LL	20.0	PSF	REF	R8228-	38149
TC DL	10.0	PSF	DATE	01/02/08	
BC DL	10.0	PSF	DRW	HCUSR8228	08002010
BC LL	0.0	PSF	HC-ENG	WHK/WHK	*
TOT.LD.	40.0	PSF	SEQN-	61746	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TDT8228Z01	



(7-326--VERNON MASTERS Streicher --, ** - HJ1B)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Hipjack supports 1-3-8 setback jacks with no webs.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

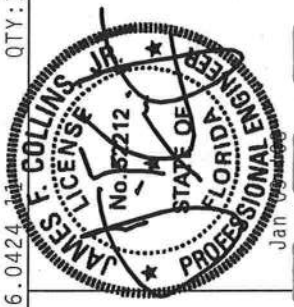
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18
Wind reactions based on MWFRS pressures.



2-9-15
1-9-15 Over 3 Supports
R=252 U=45 W=4.95"

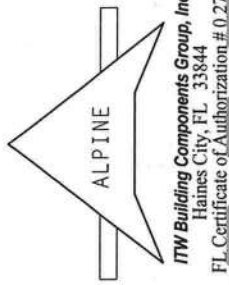
Design Crit: TPI-2002 (STD) / FBC
Cq/RT=1.00(1.25)/0(0)

PLT TYP. Wave		design CRIT: TPI-2002(SID)/FBC		Cq/RT=1.00(1.25)/0(0)		7.36.0424		QTY:1		FL/-/4/-/-/R/-		Scale =.5"/Ft.															
ALPINE														WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTGA (MOUNTAIN TRUSS COUNCIL, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE NOTED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS IN CONFORMANCE WITH THE FOLLOWING SPECIFICATIONS: TPI-2002, TPI-2002 SEC. 3, TPI-2002 SEC. 2, TPI-2002 SEC. 1, TPI-2002 SEC. 4, TPI-2002 SEC. 5, TPI-2002 SEC. 6, TPI-2002 SEC. 7, TPI-2002 SEC. 8, TPI-2002 SEC. 9, TPI-2002 SEC. 10, TPI-2002 SEC. 11, TPI-2002 SEC. 12, TPI-2002 SEC. 13, TPI-2002 SEC. 14, TPI-2002 SEC. 15, TPI-2002 SEC. 16, TPI-2002 SEC. 17, TPI-2002 SEC. 18, TPI-2002 SEC. 19, TPI-2002 SEC. 20, TPI-2002 SEC. 21, TPI-2002 SEC. 22, TPI-2002 SEC. 23, TPI-2002 SEC. 24, TPI-2002 SEC. 25, TPI-2002 SEC. 26, TPI-2002 SEC. 27, TPI-2002 SEC. 28, TPI-2002 SEC. 29, TPI-2002 SEC. 30, TPI-2002 SEC. 31, TPI-2002 SEC. 32, TPI-2002 SEC. 33, TPI-2002 SEC. 34, TPI-2002 SEC. 35, TPI-2002 SEC. 36, TPI-2002 SEC. 37, TPI-2002 SEC. 38, TPI-2002 SEC. 39, TPI-2002 SEC. 40, TPI-2002 SEC. 41, TPI-2002 SEC. 42, TPI-2002 SEC. 43, TPI-2002 SEC. 44, TPI-2002 SEC. 45, TPI-2002 SEC. 46, TPI-2002 SEC. 47, TPI-2002 SEC. 48, TPI-2002 SEC. 49, TPI-2002 SEC. 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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE TO 2018/18GA (24.7/55/75) ASTM A653 GRADE 40/60 (4. K/H.55) GALV. STEEL. APPLY CONNECTION PLATES TO ALL TRUSS MEMBERS AND AN INSPECTION, VERIFICATION, AND SIGNATURE OF THE DESIGNER IS REQUIRED. ANY INSPECTION OF PLATES FOLLOWED BY CANNOT BE PERFORMED BY THE INSTALLATION CONTRACTOR. THE DESIGNER'S DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



(7-326--VERNON MASTERS Streicher --, ** - HJ7B)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Hipjack supports 7-0-0 setback jacks with no webs.

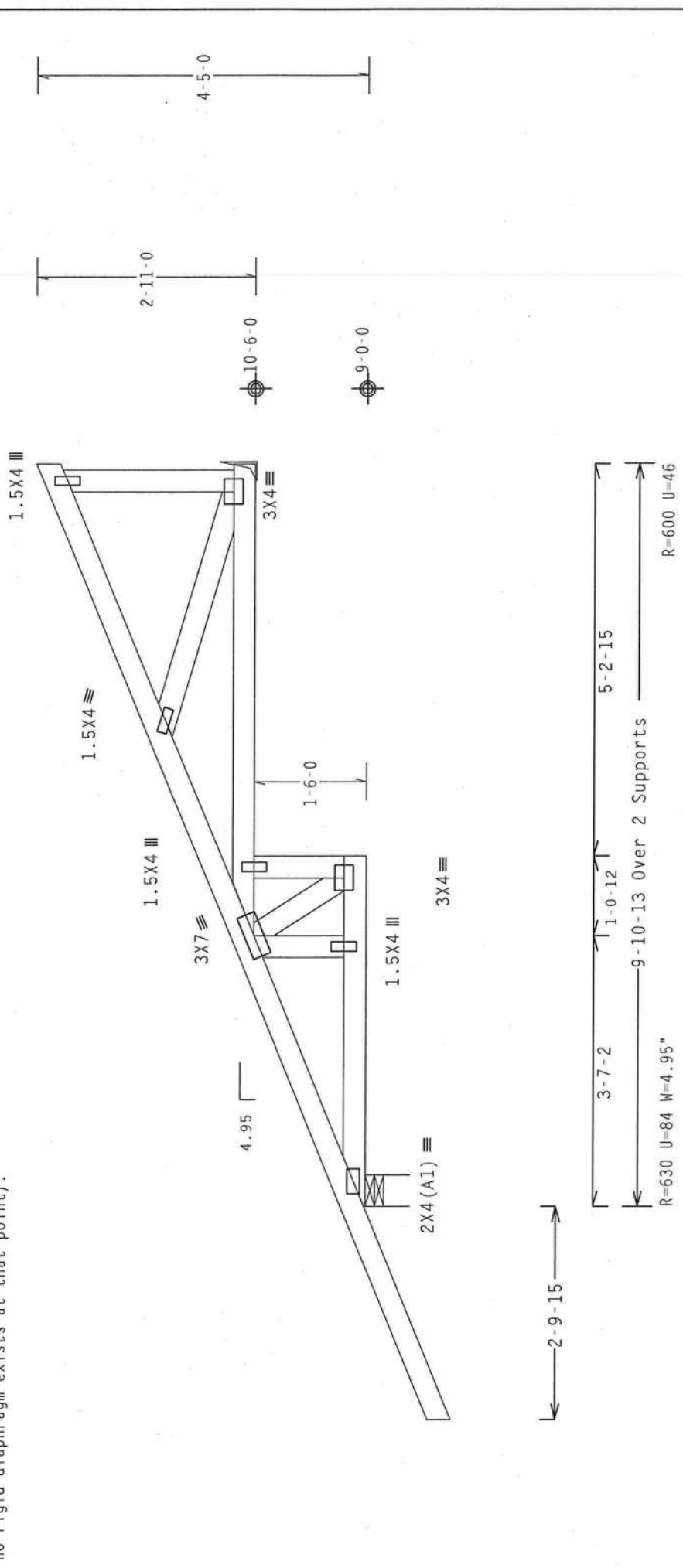
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

See detail BCFILLER0207 for bottom chord (BC) filler detail.

Laterally brace BC above filler @ 24" O.C. (or as designed) including a brace on BC directly above both ends of filler (if no rigid diaphragm exists at that point).



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.36.0424.11 QTY:1 FL/-/4/-/-/R/- Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R8228 - 38152
TC DL	10.0 PSF	DATE	01/02/08
BC DL	10.0 PSF	DRW	HCUSR8228 08002048
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	68175
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDT8228Z01

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0.278

STATE OF FLORIDA
Professional Engineer
No. 52212
Jan 08

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METAC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BEG CONNECTOR PLATES ARE MADE OF 2018/16GA (M/H/SS/K) ASTM A653 GRADE 40/60 (M, K/H/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATE FOLLOWING BY TPI. A SEAL UNDER THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE TRUSS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

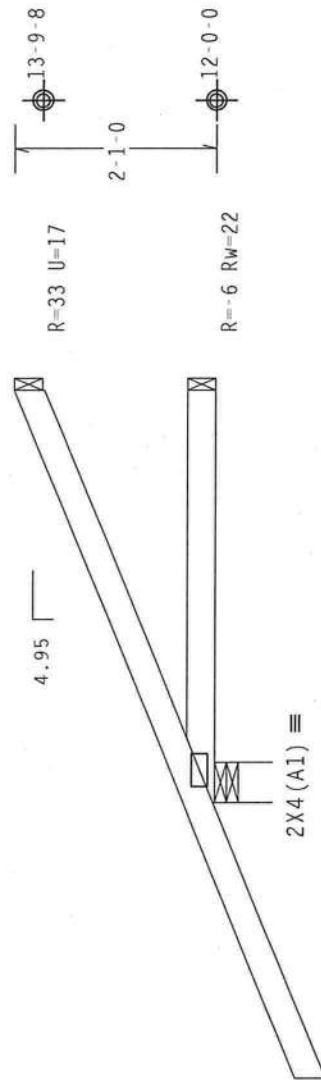
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense

1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART_ENC. bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.55

Hipjack supports 3-0-0 setback jacks with no webs.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



$\overleftrightarrow{2-9-15}$
 $\overleftrightarrow{4-2-15}$ Over 3 Supports $\rightarrow$
 $R=323$ $U=105$ $W=4.95"$

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/0(0)$

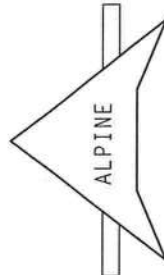
QTY:2 FL/-/4/-/-/R/-

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R8228-	38153
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR8228	08002018
BC LL	0.0 PSF	HC-ENG DAL/AP		
TOT.LD.	40.0 PSF	SEQN-	68153	
DUR.FAC.	1.25	FROM	AH	
SPACING	24.0"	JREF-	1TDT8228Z01	



Jan 03 V8



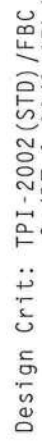
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

James City, FL 33844
FL Certificate of Authorization # 0 278

110 mph wind, 15.00 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf $I_w=1.00$ GCpi(+/-)=0.18

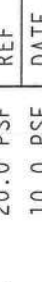
Wind reactions based on MWFRS pressures.

See detail BCFILLER207 for bottom chord (BC) filler detail.
Laterally brace BC above filler @ 24" O.C. (or as designed)
Including a brace on BC directly above both ends of filler (if
no rigid diaphragm exists at that point).



0424 11 QTY:4 FL/-/4/-/-/R/-

Scale = .5"/Ft.



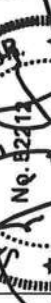
ITW Building Components Group, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 0278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES. 1000 FOR THE PUBLISHED INSTRUCTIONS FOR THE TRUSS COMPANY. THE TRUSS COMPANY HAS A NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND MICHIGAN, MI 48106. THE TRUSS COMPANY HAS AN ENTERPRISE LANE, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

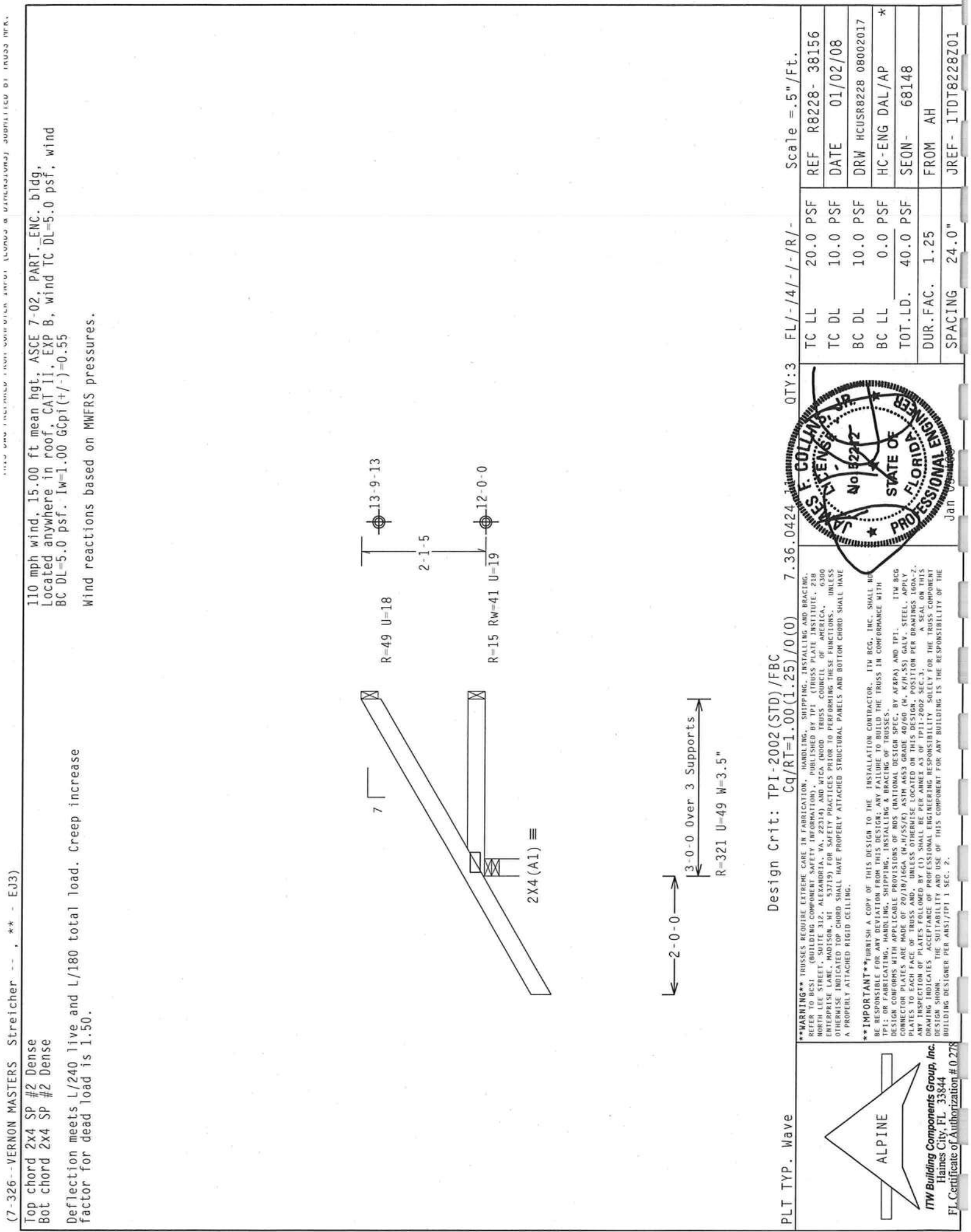
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TP1. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/166GA (W-H/SS/K) ASTM A653 GRADE 40/60 (W, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



Jan 09 2009

REF	R8228- 38155	TC LL	20.0 PSF		
DATE	01/02/08	TC DL	10.0 PSF		
DRW	HCUSR8228 08002046	BC DL	10.0 PSF		
HC-ENG	DAL/AP	BC LL	0.0 PSF		
SEQN-	68139	TOT.LD.	40.0 PSF		
FROM	AH	DUR.FAC.	1.25		
JREF-	1TDT8228Z01	SPACING	24.0"		



(7-326--VERNON MASTERS Streicher --, ** - EJ3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpl(+/-)=0.55

Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.36.0424 11

Scale = 5" / Ft.

QTY:3

FL/- /4/- /- /R/-

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

REF R8228- 38156

DATE 01/02/08

DRW HCUSR8228 08002017

HC-ENG DAL/AP

SEQN- 68148

FROM AH

JREF- 1TDT8228Z01

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization #0278

Professional Engineer

State of Florida

Professional Engineer

Jan 08

No 82242

F. COLLINS

Professional Engineer

State of Florida

Professional Engineer

Jan 08

No 82242

F. COLLINS

Professional Engineer

State of Florida

Professional Engineer

Jan 08

No 82242

F. COLLINS

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Professional Engineer

State of Florida

Professional Engineer

Jan 08

No 82242

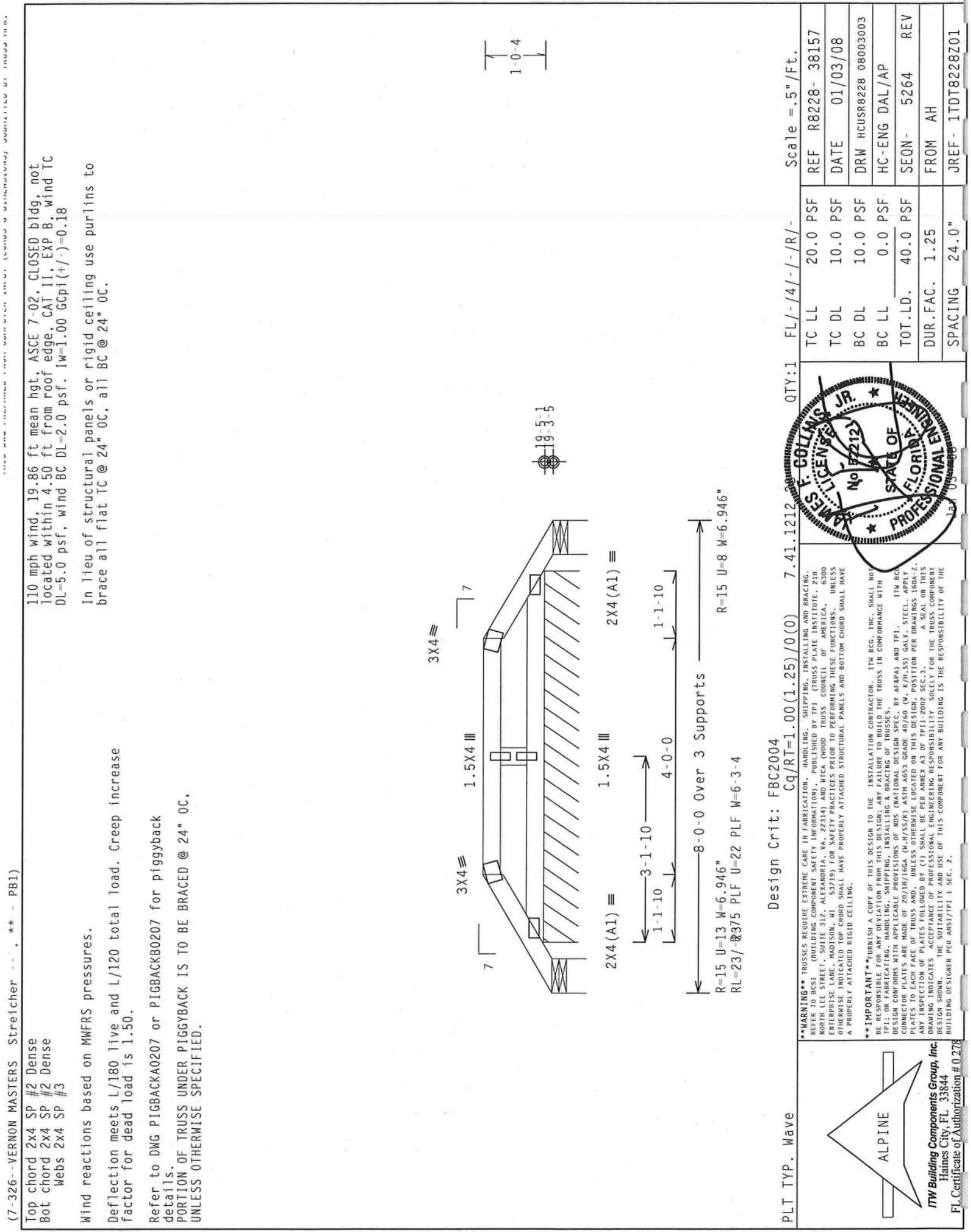
F. COLLINS

Professional Engineer

State of Florida

Professional Engineer

Jan 08



Top	chord	2x4	SP	#2	Dense
Bot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

110 mph wind, 20.44 ft mean hgt., ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, wind BW=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

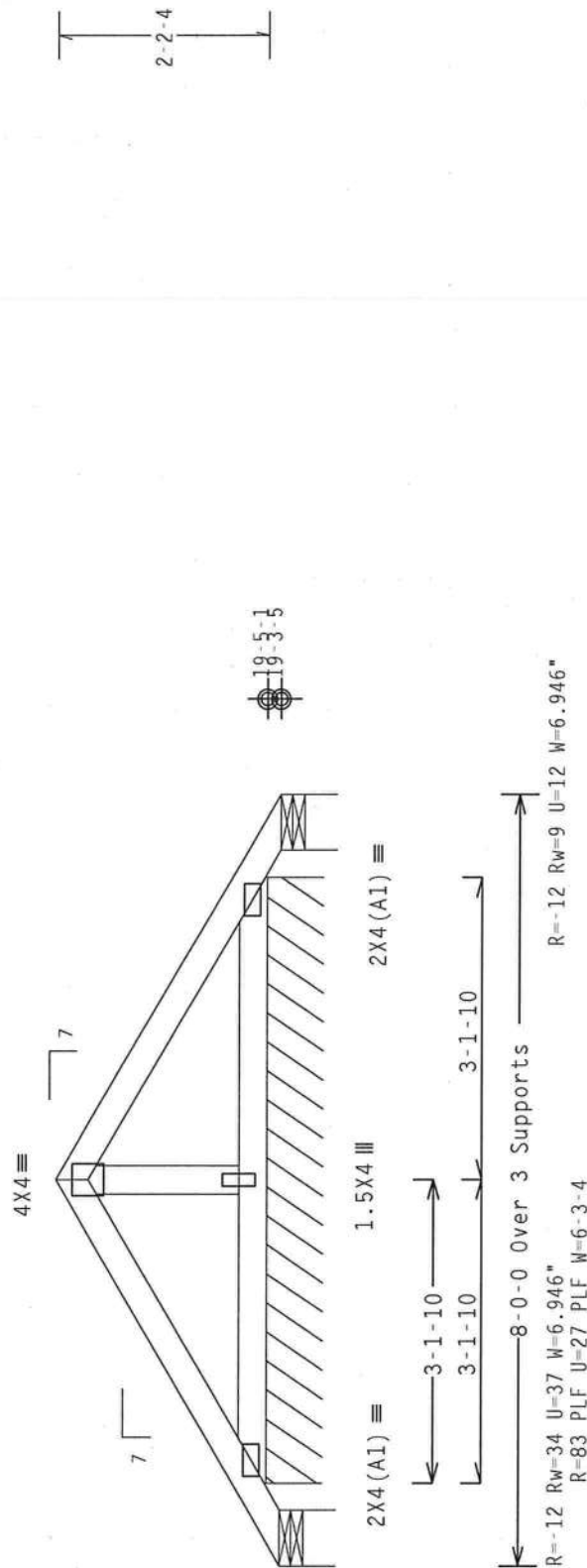
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS

	DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25			
	TC	IC	BC	DC
From	63 PLF at 0.00 to 63 PLF at 4.00	63 PLF at 0.00 to 63 PLF at 4.00	63 PLF at 0.00 to 63 PLF at 4.00	63 PLF at 0.00 to 63 PLF at 4.00
To	63 PLF at 4.00 to 63 PLF at 8.00	63 PLF at 4.00 to 63 PLF at 8.00	63 PLF at 4.00 to 63 PLF at 8.00	63 PLF at 4.00 to 63 PLF at 8.00

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=-12 R_w=34 U=37 W=6.946"
R=83 PLF U=27 PLF W=6-3-4

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

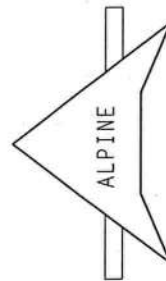
$$Cq/RT=1.00(1.25)/0(0)$$

Scale = .5"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY) INFORMATION, PUBLISHED BY THE CHASS PLAYA TRUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND UTCA (WOOD TRUSS COUNCIL OF AMERICA), ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITW BCG DRAWING, FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

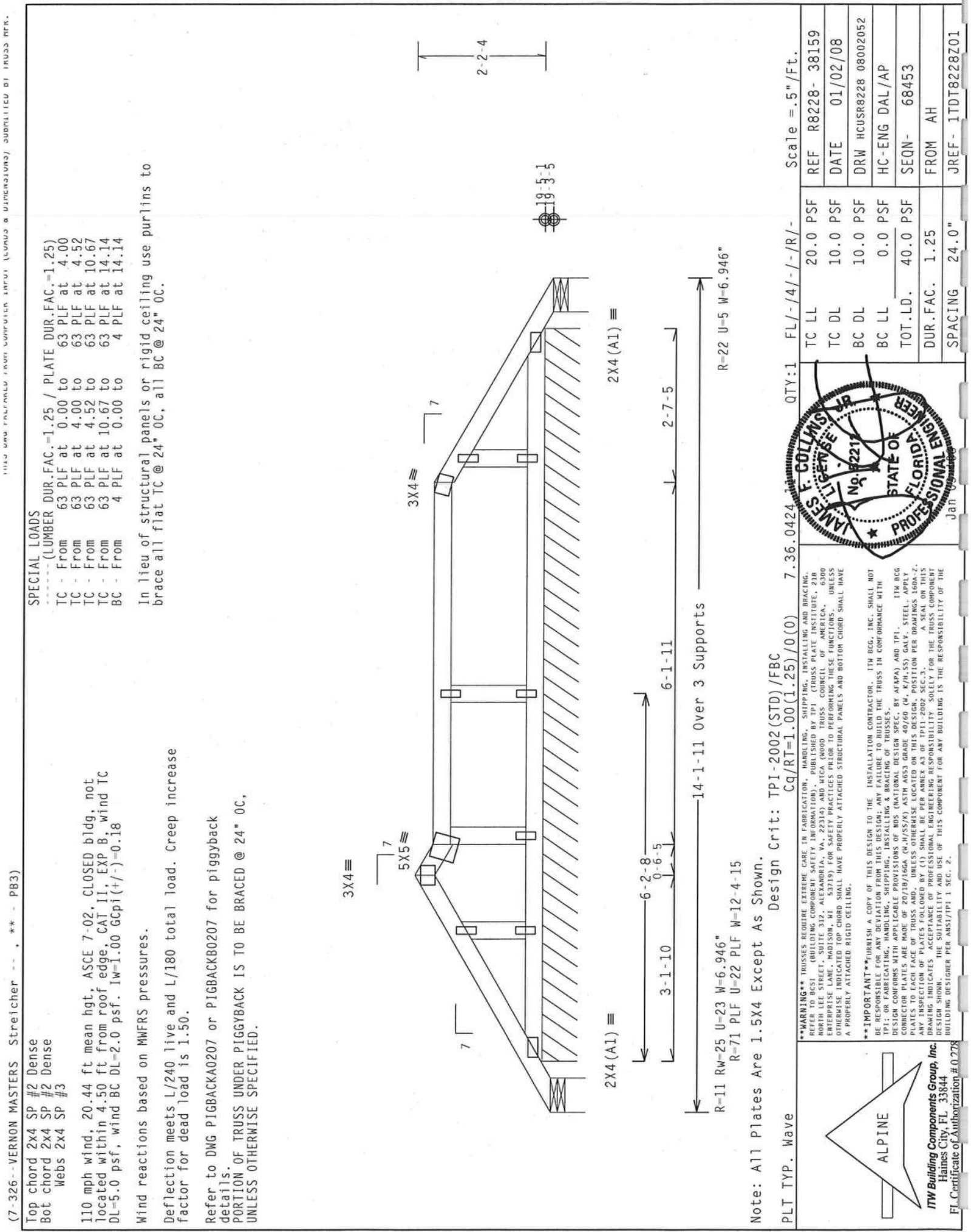
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (W/255) ASTM A653 GRADE 40/60 (W. K/1-55) GALV. STEEL. APPLICABLE TRUSS JOINTS AND UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

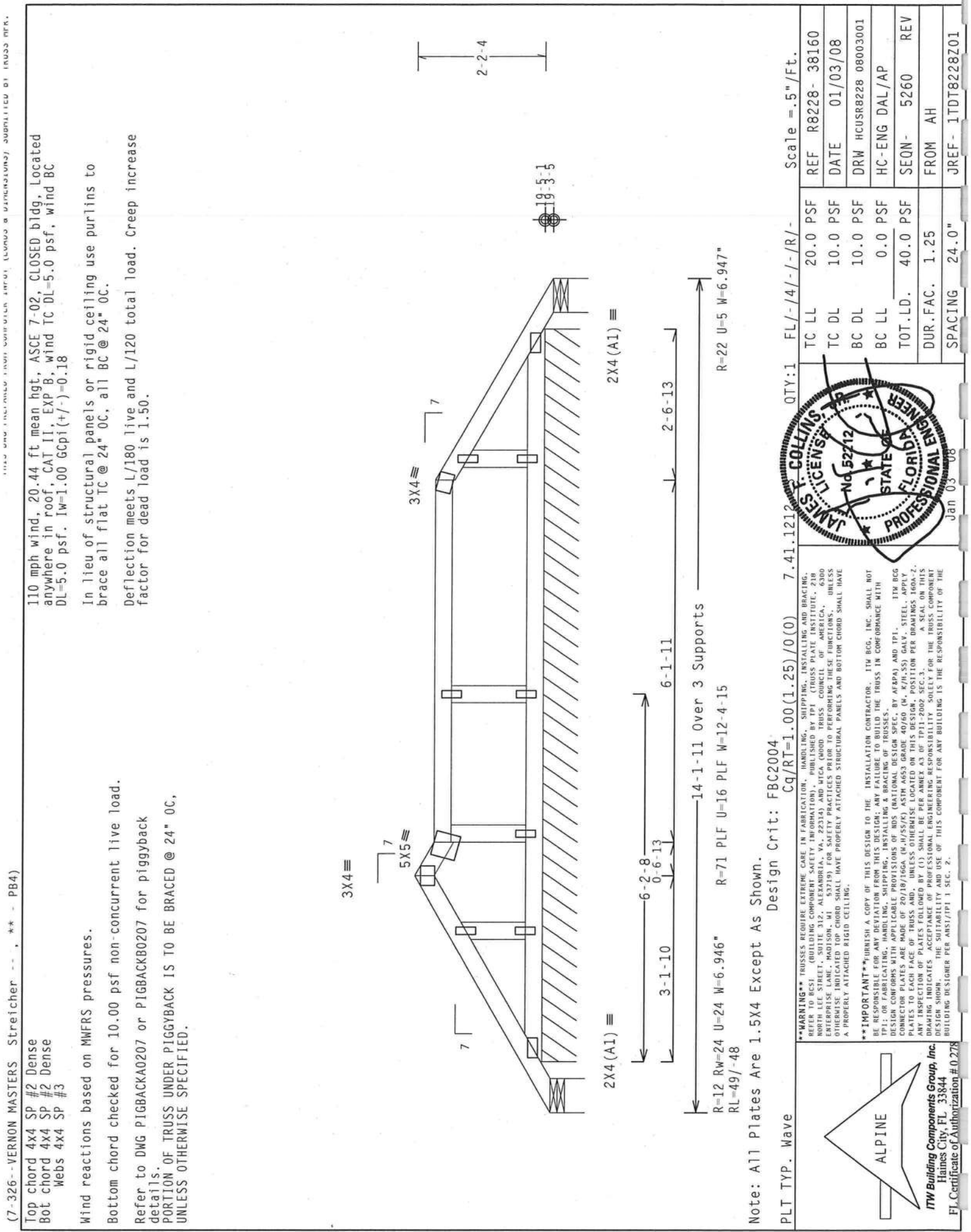


ITW Building Components Group, Inc.
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 0278

TC LL	20.0 PSF	REF	R8228-	38158
TC DL	10.0 PSF	DATE	01/02/08	
BC DL	10.0 PSF	DRW	HCUSR8228	08002051
BC LL	0.0 PSF	HC-ENG	DAL/AP	
TOT.LD.	40.0 PSF	SEQN-	68449	REV
DUR.FAC.	1.25	FROM	AH	
SPACING	24.0"	JREF-	1TDT8228Z01	





(7-326--VERNON MASTERS Streicher --, ** - PB4)

Top chord 4x4 SP #2 Dense
Bot chord 4x4 SP #2 Dense
Webs 4x4 SP #3

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 20.44 ft mean hgt, ASCE 7-02, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.

2X4 (A1) =

2X4 (A1) =

3-1-10 6-2-8 0-6-13 6-1-11 2-6-13

14-1-11 Over 3 Supports
R=12 RW=24 U=24 W=6.946" R=71 PLF U=16 PLF W=12-4-15
RL=49/-48
R=22 U=5 W=6.947"

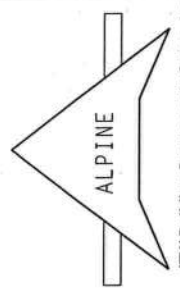
Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2004

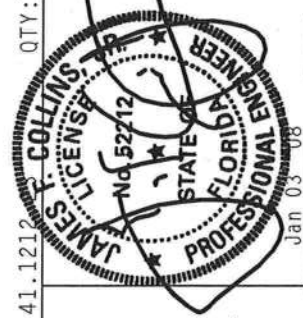
PLT TYP. Wave Cq/RT=1.00(1.25)/0(0) 7.41.1212 QTY:1 FL/-4/-/-R/- Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278



TC LL	20.0 PSF	REF	R8228- 38160
TC DL	10.0 PSF	DATE	01/03/08
BC DL	10.0 PSF	DRW	HCUSR8228 08003001
BC LL	0.0 PSF	HC-ENG	DAL/AP
TOT.LD.	40.0 PSF	SEQN-	5260 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TDT8228Z01

TOP CHORD FILLER DETAIL

- + 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d COMMON (0.162"X 3.5"MIN) NAILS.
- BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.
- ++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.
- +++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.
- * 8/12 MAXIMUM PITCH.
- ** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

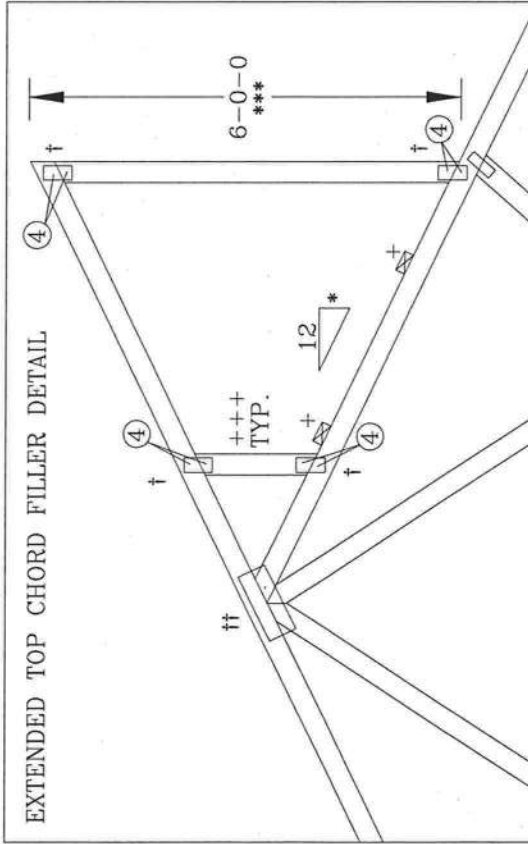
*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

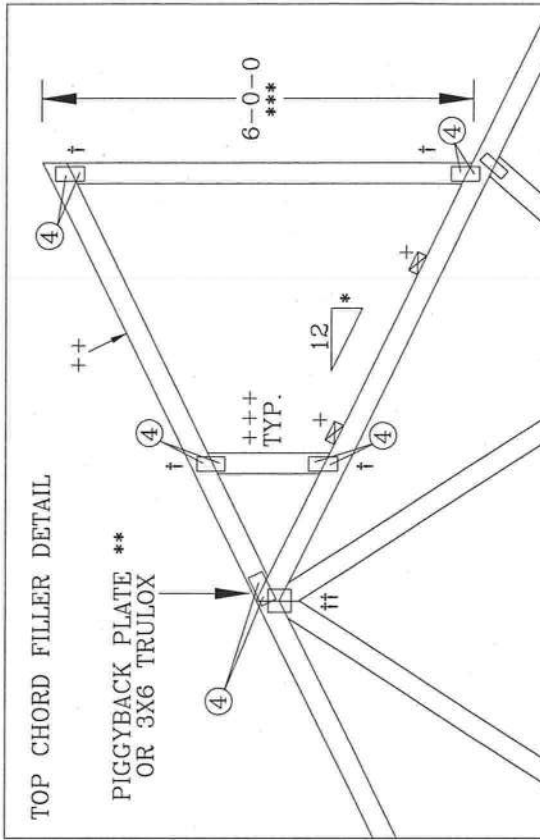
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

0.120"X 1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

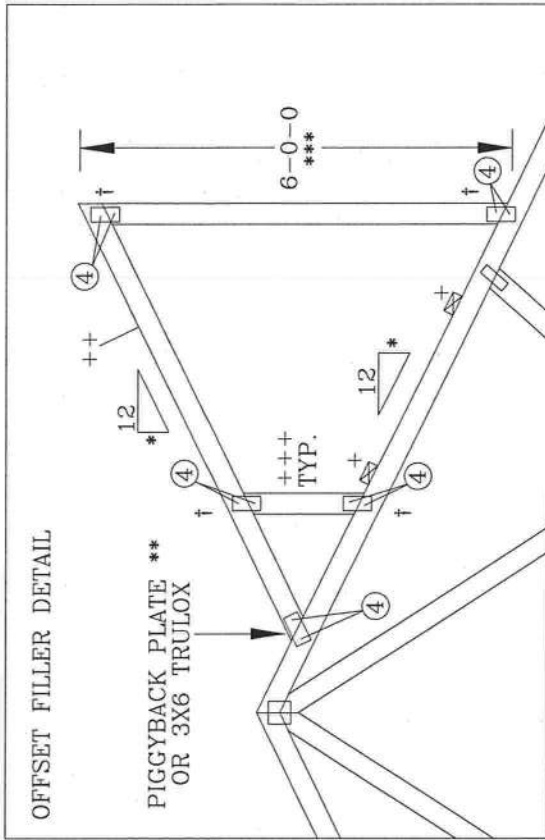
EXTENDED TOP CHORD FILLER DETAIL



TOP CHORD FILLER DETAIL



OFFSET FILLER DETAIL



THIS DRAWING REPLACES DRAWING 884,080

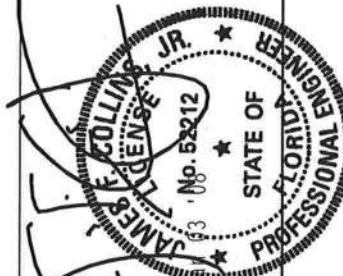
TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	2/23/07
BC DL	MAX 10 PSF	DRWG	TCFILLER0207
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS COUNCIL OF AMERICA), 630 ENTERPRISE BL., MADISON, WI 53703, FOR SAFETY INFORMATION. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL BUILDING SPECIFICATIONS (NBS) AND THE ITV, BCG CONNECTOR PLATES ARE MADE OF 2018/186GA (A/H/SS/A3) 40/53 GRADE 40/60 (A/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (D) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANS1/TP1 1 SEC. 2.



ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA



BOTTOM CHORD

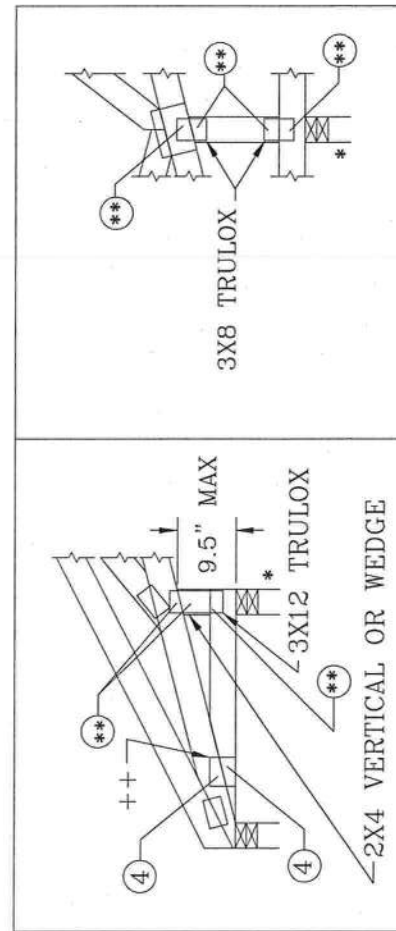
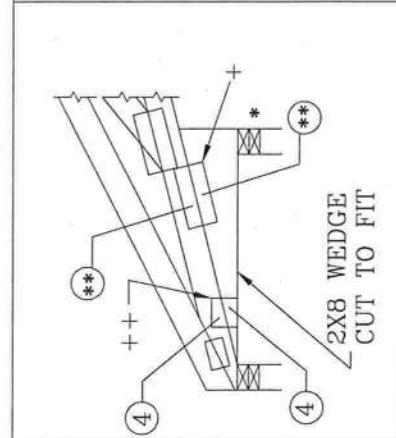
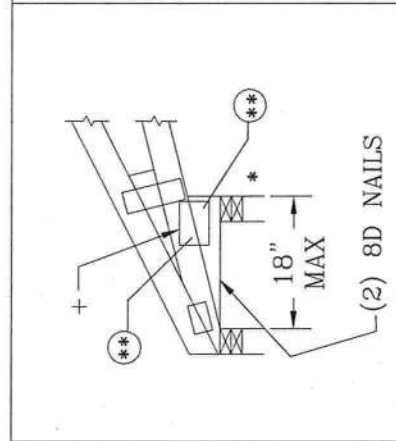
+ 3X4 WAVE OR 4X8 TRULOX

++ 2X4 WAVE OR 3X6 TRULOX

0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES					
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.	
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8	
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6	
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6	
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8	
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7	
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6	



THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884.132

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND REMOVING. REFER TO THE FOLLOWING COMPANIES FOR INFORMATION ON THE PROPER USE OF TRUSS PLATE CONNECTIONS. INSTITUTE, 218 NORTH LEE ST., SUITE 312, ALEXANDRIA, VA 22314, AND WATCHDOG TRUSSES OF AMERICA, 6300 ENTERPRISE LN., WAUWATSEGA, WI 53091 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. CITY BLDG. INC., SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND ANY PART TO BUILDING. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND ANY PART TO BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND ANY PART TO BUILDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AND ANY PART TO BUILDING.

TC LL	—	PSF	REF	BC FILLER
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TC DL	— PSF	DATE	2/23/07
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BC DL	10.0 PSF	DRWG	BCFILLER0207
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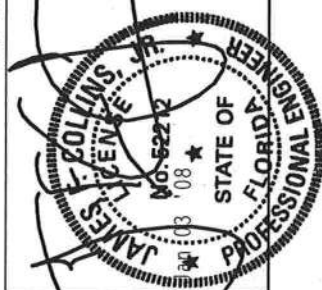
BC LL	—	PSF	—ENG	DIJ/KAR
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TOT. LD. — PSF

DATE _____

SPACING	34.0"
DOK. FAC.	1.0/1.13/1.23/1.33

OF FACING 24.0



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

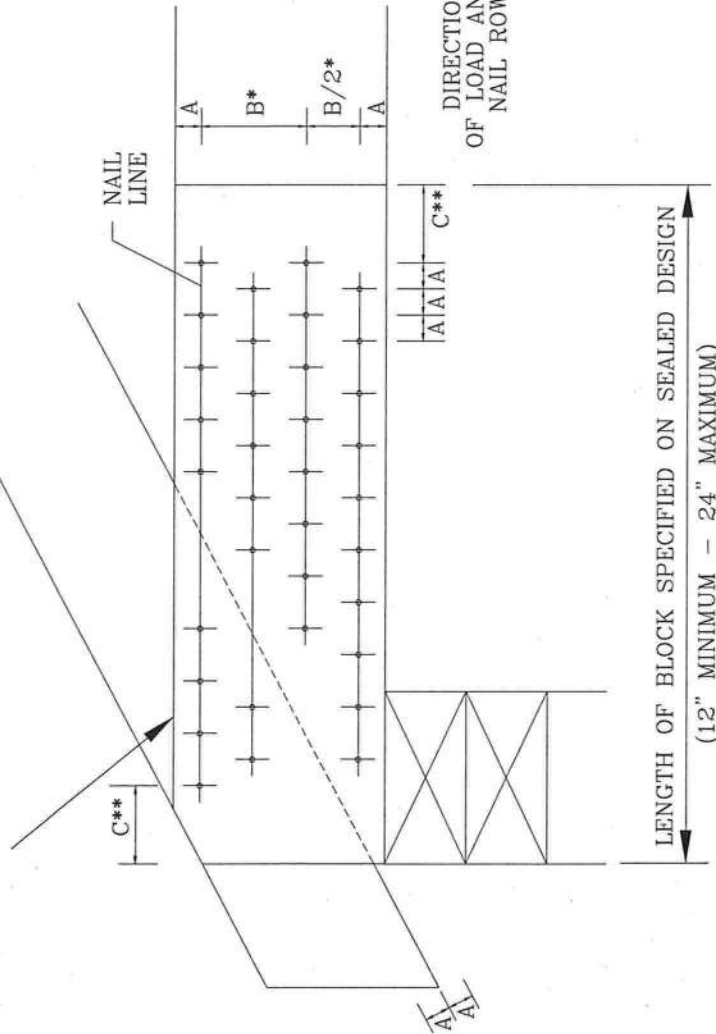
BEARING BLOCK NAIL SPACING DETAIL

MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- A - EDGE DISTANCE AND SPACING BETWEEN STAGGERED ROWS OF NAILS (6 NAIL DIAMETERS)
- B - SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS)
- C - END DISTANCE (15 NAIL DIAMETERS)

IF NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:
• SPACING MAY BE REDUCED BY 50%
•• SPACING MAY BE REDUCED BY 33%

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc-perp) IS AT LEAST THAT OF THE CHORD.



MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	
8d BOX (0.113"X 2.5",MIN)	3/4"	1 3/8"	1 3/4"	
10d BOX (0.128"X 3",MIN)	7/8"	1 5/8"	2"	
12d BOX (0.128"X 3.25",MIN)	7/8"	1 5/8"	2"	
16d BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8"	
20d BOX (0.148"X 4",MIN)	1"	1 7/8"	2 1/4"	
8d COMMON (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	
10d COMMON (0.148"X 3",MIN)	1"	1 7/8"	2 1/4"	
12d COMMON (0.148"X 3.25",MIN)	1"	1 7/8"	2 1/4"	
16d COMMON (0.162"X 3.5",MIN)	1"	2"	2 1/2"	
GUN (0.120"X 2.5",MIN)	3/4"	1 1/2"	1 7/8"	
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	2"	
GUN (0.120"X 3",MIN)	3/4"	1 1/2"	1 7/8"	
GUN (0.131"X 3",MIN)	7/8"	1 5/8"	2"	

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"X 2.5",MIN)	3	6	9	12	15
10d BOX (0.128"X 3",MIN)	3	5	7	10	12
12d BOX (0.128"X 3.25",MIN)	3	5	7	10	12
16d BOX (0.135"X 3.5",MIN)	3	5	7	10	12
20d BOX (0.148"X 4",MIN)	2	4	5	6	8
8d COMMON (0.131"X 2.5",MIN)	3	5	7	10	12
10d COMMON (0.148"X 3",MIN)	2	4	6	8	10
12d COMMON (0.148"X 3.25",MIN)	2	4	6	8	10
16d COMMON (0.162"X 3.5",MIN)	2	4	6	8	10
GUN (0.120"X 2.5",MIN)	3	6	8	11	14
GUN (0.131"X 2.5",MIN)	3	5	7	10	12
GUN (0.120"X 3",MIN)	3	6	8	11	14
GUN (0.131"X 3",MIN)	3	5	7	10	12

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

ALPINE

ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATING INSTITUTE, 210 NORTH LEE STR., SUITE 312 ALEXANDRIA, VA 22314) AND VITA (WOOD TRUSS CONSTRUCTION INSTITUTE, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. NAIL LINES MUST BE INDICATED. NAILS MUST BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISI (NATIONAL DESIGN SPEC, BY AIA&S) AND TPI (NATIONAL DESIGN SPEC, BY AIA&S) AND THE 2010/1608 (AIA/ISSA) WITH AISI GRADE (Q&A/ISS) AND TPI GRADE (Q&A/ISS) SHALL BE THE RESPONSIBILITY OF THE USER. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS 160A-2, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REF BEARING BLOCK

DATE 2/23/07

DRWG CNBRGBLK0207

-ENG SJP/KAR

JAMES F. COLLINS, JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER

PIGGYBACK DETAIL

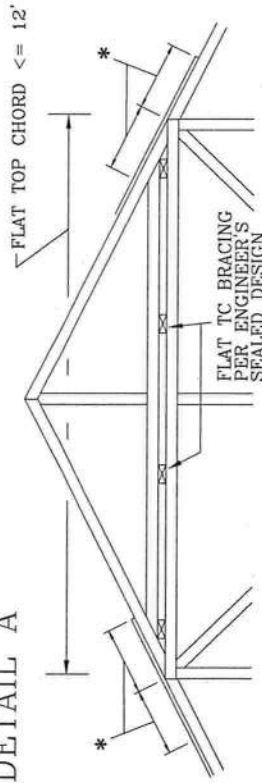
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATELY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

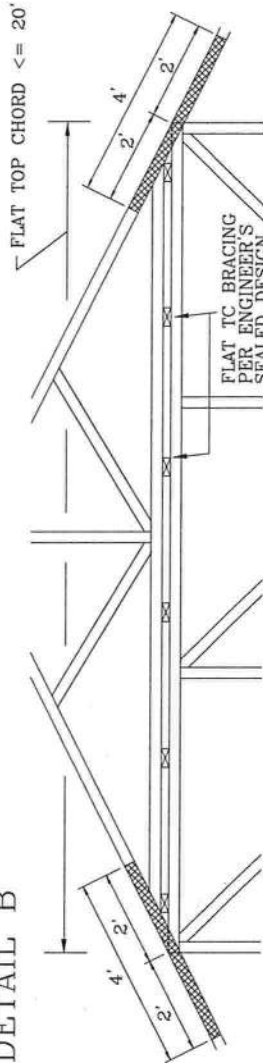
DETAIL A



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

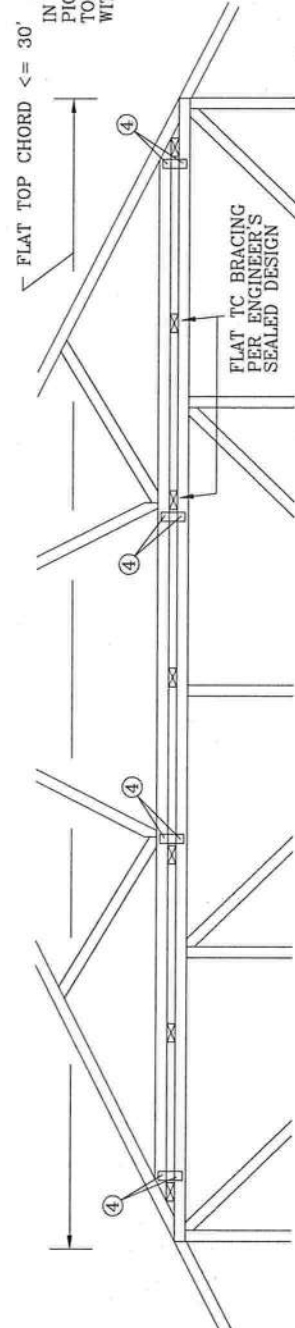
* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

DETAIL B



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

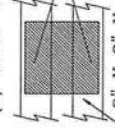
DETAIL C



CAP TRUSS TOENAILED TO TOP CHORD BRACING AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS. CIRCLED NUMBER INDICATES REQUIRED NUMBER OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 160TL FOR TRULOX INFORMATION.

FLAT TOP CHORD <= 30'

IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.



(4) 8d COMMON NAILS (0.131"x2.5")
8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

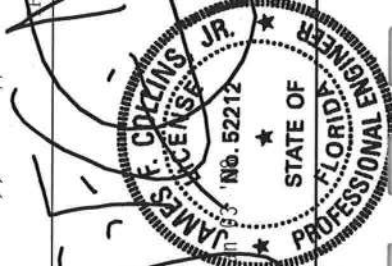
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PRODUCE INSTITUTE, 210 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON AVENUE, WILSON, NJ 07097) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV P.C. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING THE TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AREA) AND TPI. TRUSS CONNECTOR PLATES MADE PER 2016/1616 (GGA 44/H/SS/K) WITH 16G53 GRADE 40/80 (G/K/H/SS) GALV. STEEL APPLY PLATES TO END JOINTS. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER DESIGN. POSITION PER DRAWINGS 1604-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL	PSF	REF	PIGGYBACK
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	PIGBACKA0207
BC LL	PSF	-ENG	DLJ/KAR
TOT. LD.	MAX 60 PSF		
DUR. FAC.	1.15		
SPACING	24.0"		



ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA



TOP	CHORD	2X4	#2 OR BETTER
BOT	CHORD	2X4	#2 OR BETTER
	WEBS	2X4	#3 OR BETTER

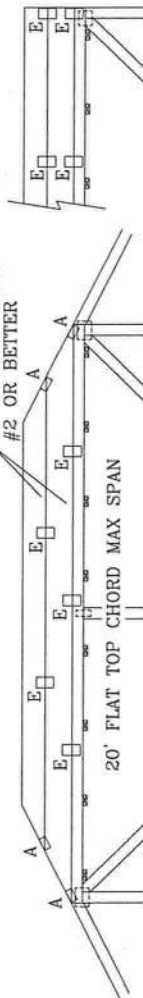
SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

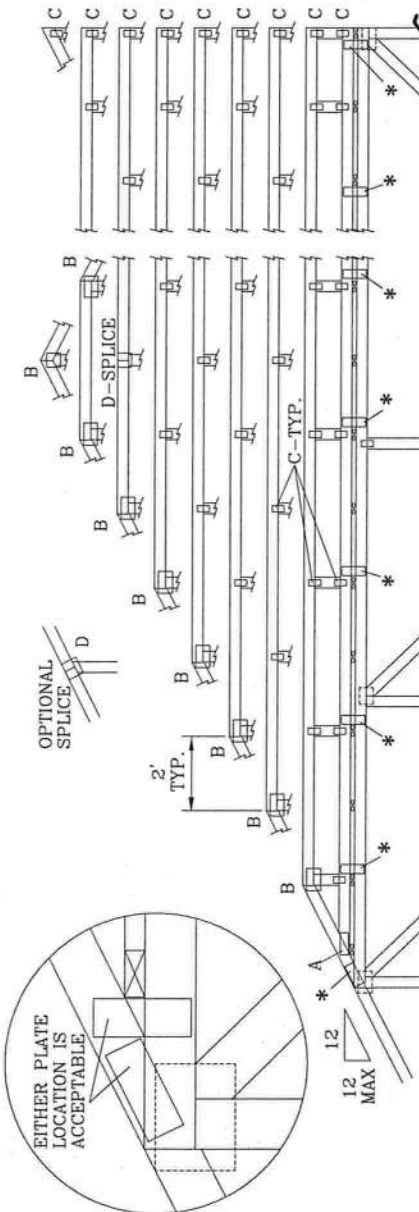
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

110 MPH WIND, 30' MEAN HGT, SBC
ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF
WIND TC DL=5 PSF, WIND BC DL=5 PSF

MAX SIZE OF 2X12
#2 OR BETTER



EITHER PLATE
LOCATION IS
ACCEPTABLE



*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.

~~THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045~~

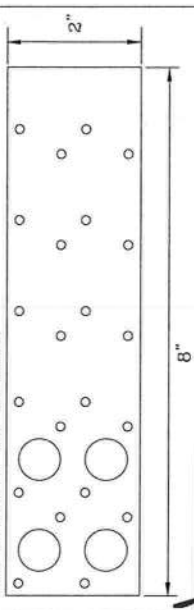
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5" MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5" MIN) NAILS AT 4" OC

*** PIGGYBACK SPECIAL PLATE**

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4" OC OR LESS.



*WARNING—TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND DISASSEMBLING. REFER TO THE MANUFACTURER'S LITERATURE FOR SPECIFIC INFORMATION. PUBLISHED BY THE STEEL INSTITUTE, 219 NORTH LEE ST., SUITE 312, ENCLAVE, ILLINOIS 60089-1074, U.S.A.

*NOTICE—THESE TRUSSES ARE DESIGNED FOR USE WITH A PROPERLY ATTACHED STRUCTURAL TOP CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR (TYP. INC. IN SUBMITTAL) AND BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD IN CONFORMANCE WITH THIS DESIGN, INCLUDING HANDLING, SHIPPING, INSTALLATION, SPEC. BY A/F&P, AND PLATE CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) OF A/F&P AND A/E/C DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.) DESIGN. PLATES ARE MADE OF 2018/1868 (W/4/55/S/3) ASTM A653 GRADE 40/60 (W/4/H/2) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON (W/4/H/2) DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER AMERICAN A/E 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER'S REVIEW FOR THIS TRUSS DESIGN. THE DESIGNER'S RESPONSIBILITY OF THE SUITABILITY AND THE DESIGN OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/AISC 1/PI 1-SEC. 2.

TW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

MAX LOADING	REF	PIGGYBACK
55 PSF AT	DATE	2/23/07
.33 DUR. FAC.	DRWG	PIGBACKB02
50 PSF AT	-ENG	DLJ/KAR

SPACING 24.0"





**NOTICE OF INSPECTION
AND/OR TREATMENT**

* 26671

Date of Inspection

2/19/08

Date of Treatment

Date of Spot Treatment

Premise Pro

Pesticide Used

subterranean Termites

Wood-Destroying Organisms Treated

****Notice****

It is a violation of Florida State Law (Chap. 482.226) for anyone other than the property owner to remove this notice.

Address:

Pestmaster Services of Lake City

879 S.W. Arlington Blvd., Suite 106 • Lake City, FL 32025