

DATE 01/30/2008

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026693

APPLICANT MELANIE RODER PHONE 752-2281
ADDRESS 387 SW KEMP CT LAKE CITY FL 32024
OWNER CEMJAT, LLC PHONE 758-1965
ADDRESS 193 NW WHITTON CT LAKE CITY FL 32055
CONTRACTOR BLAKE LUNDE PHONE 754-5810
LOCATION OF PROPERTY 90 W, R BROWN RD, L HIGH POINTE DR TO AINSLEY PLACE,
R WHITTON CT, 3RD LOT ON LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 348750.00
HEATED FLOOR AREA 4032.00 TOTAL AREA 6975.00 HEIGHT 13.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING PRRD MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 20-3S-16-02202-125 SUBDIVISION HIGH POINTE
LOT 25 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 2.00

000001538 _____ CBC1253408 _____ Melani Roder
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
PERMIT 08-0097 BK JH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD

Check # or Cash 6534

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 \$ 1745.00 CERTIFICATION FEE \$ 34.88 SURCHARGE FEE \$ 34.88
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 1914.76
INSPECTORS OFFICE L. Deh CLERKS OFFICE MSG

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.

Tw called MELANIE 1.30.08

c/c 6534

Columbia County Building Permit Application

For Office Use Only Application # 0801-117 Date Received 1/23/08 By GT Permit # 1538/26693
Zoning Official BLK Date 30.01.08 Flood Zone Xp plot FEMA Map # N/A Zoning PRRD
Land Use A-3 Elevation N/A MFE 1st above Rd River N/A Plans Examiner OK JTH Date 1-29-08
Comments
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☒ Letter of Authorization from Contractor
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Name Authorized Person Signing Permit Linda + Melanie Roder Fax 752-2282
Address 387 SW Kemp Ct Lake City FL 32024 Phone 752-2281
Owners Name Cemjat, LLC Phone 758-1965
911 Address 193 NW Whittan Ct Lake City FL 32055
Contractors Name Blake Lunde of Blake Construction Co. Phone 754-5810
Address 872 SW Jaguar Drive Lake City FL 32025
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Will Myers Mark Disosway
Mortgage Lenders Name & Address NA
Circle the correct power company ☒ FL Power & Light ☐ Clay Elec. ☐ Suwannee Valley Elec. ☐ Progress Energy

Property ID Number 20-35-16-02202-125 Estimated Cost of Construction 600 K
Subdivision Name High Pointe Lot 25 Block _____ Unit _____ Phase _____
Driving Directions 90W, Ron Brown Rd, L on High Pointe Dr. to Ainsley Place, Ron NW Whittan Ct. 3rd Lot down on R
Number of Existing Dwellings on Property 0
Construction of Single family dwelling Total Acreage 2.96 Lot Size 2.96
Do you need a ☒ Culvert Permit ☐ Culvert Waiver ☐ Have an Existing Drive Total Building Height 13'
Actual Distance of Structure from Property Lines - Front 20'-9" Side 53'-6" Side 57'-8" Rear 50'
Number of Stories 1 Heated Floor Area 4032 Total Heated Floor Area 4032 Roof Pitch 6-12
6,995

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, regulations, construction in this jurisdiction.

Columbia County Building Permit Application

Application # _____

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 AFFIDAVIT: 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.

CENJAT, LLC
Owners Signature _____ (MANAGER)

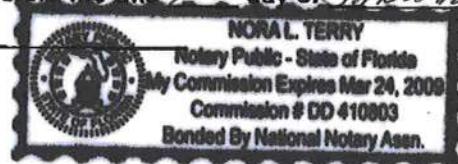
Affirmed under penalty of perjury to by the Owner and subscribed before me this 2nd day of January 2008.

Personally known ☒ or Produced Identification _____

Nora L. Terry

SEAL:

State of Florida Notary Signature (For the Owner)



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.

[Signature]
Contractor's Signature (Permitee)

Contractor's License Number CBC 1253408
Columbia County
Competency Card Number _____

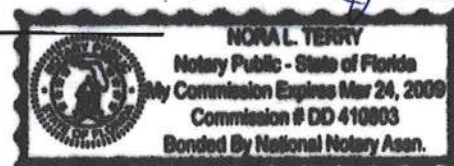
Affirmed under penalty of perjury to by the Contractor and subscribed before me this 7th day of Jan 2008.

Personally known ☒ or Produced Identification _____

Nora L. Terry

SEAL:

State of Florida Notary Signature (For the Contractor)



Notice of Authorization

I, Blake N. Lunde, II, hereby authorize Linda Roder or Melanie Roder to be my Representative and act on my behalf in all aspects for applying for a Building Permit to be located in Columbia County.

X 
Contractor's Signature

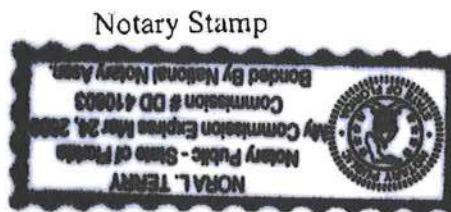
Date 1/7/08

Sworn to and Subscribed before me this 7th day of Jan., 2008
by Blake N. Lunde, II, who

☒ is Personally Known or

_____ has produced _____ as identification.

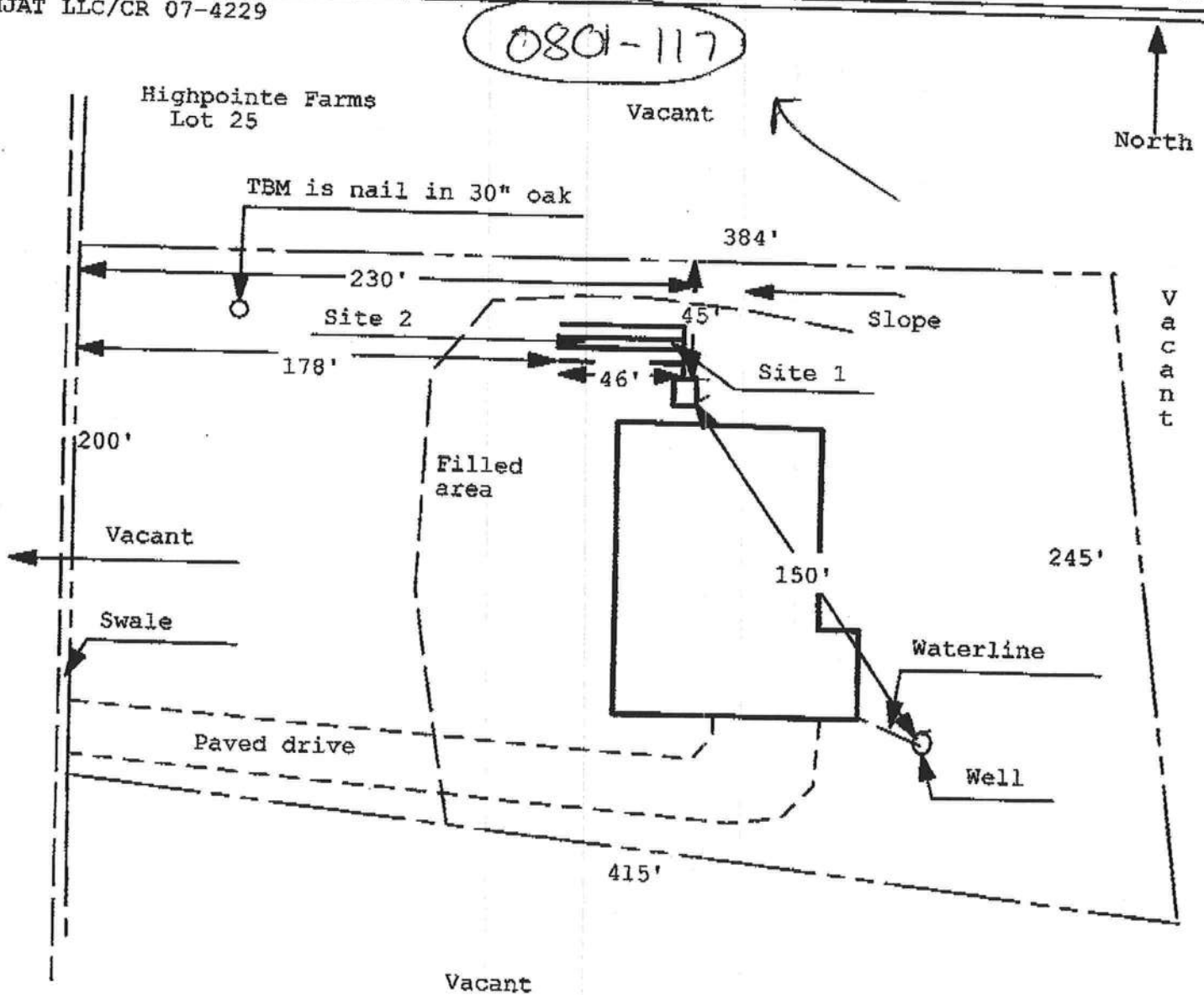
Nora L. Terry
Notary Public



**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 08-0097

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

CEMJAT LLC/CR 07-4229



1 inch = 60 feet

Site Plan Submitted By Paul L. L... Date 1/9/08
Plan Approved ☒ Not Approved ☐ Date 1/20/08
By Mr. A. L... Columbia CPHU

Notes: _____

26693

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number 20-35-16-02202-125

County Clerk's Office Stamp or Seal

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): Lot 25 193 High Point Whitton Ct Lake City FL 32055
a) Street (job) Address: 911- 193 NW Whitton Ct Lake City FL 32055
2. General description of improvements: Single Family dwelling

3. Owner Information
a) Name and address: Cemjat LLC
b) Name and address of fee simple titleholder (if other than owner):
c) Interest in property: homesite

4. Contractor Information
a) Name and address: Blake Lunde 3101 W US Hwy 90 Suite 102 Lake City FL 32055
b) Telephone No.: (386) 754-5810 Fax No. (Opt.)

5. Surety Information
a) Name and address: NA
b) Amount of Bond:
c) Telephone No.: Fax No. (Opt.)

6. Lender
a) Name and address: NA
b) Phone No.:

7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: NA
b) Telephone No.: Fax No. (Opt.)

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: NA
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

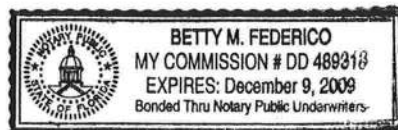
10. X [Signature]
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

Print Name: J. Anderson

The foregoing instrument was acknowledged before me, a Florida Notary, this 25 day of July, 20 08, by:
Blake N. Lunde II as President (type of authority, e.g. officer, trustee, attorney
in fact) for Blake N. Lunde II (Blake Construction) (name of party on behalf of whom instrument was executed).

Personally Known ✓ OR Produced Identification Type

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 I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

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

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001538

DATE 01/30/2008 PARCEL ID # 20-3S-16-02202-125
APPLICANT MELANIE RODER PHONE 752-2281
ADDRESS 387 SW KEMP CT LAKE CITY FL 32024
OWNER CEMJAT, LLC PHONE 758-1965
ADDRESS 193 NW WHITTON CT LAKE CITY FL 32055
CONTRACTOR BLAKE LUNDE PHONE 754-5810
LOCATION OF PROPERTY 90 W, R BROWN RD, L HIGH POINTE DR TO AINSLEY PLACE,
R WHITTON CT, 3RD LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT HIGH POINTE 25

SIGNATURE Melanie Roder

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



*Osceola Title
Box*

This Instrument Prepared by & return to:
Name: Osceola Title of North Florida, LLC
Address: 310 North Ohio Avenue
Live Oak, FL 32064
7L-00098
Parcel I.D. #: Part of 20-3S-16-02203-003

Inst:200712019712 Date:8/30/2007 Time:9:35 AM
Doc Stamp-Deed:559.30
DC, P. DeWitt Cason Columbia County Page 1 of 2

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 23rd day of August, A.D. 2007, by **KEVIN H. GRAY** and **HEATHER GRAY**, husband and wife, hereinafter called the grantors, to **CEMJAT, LLC**, a Florida Limited Liability Company, having its principal place of business at **P. O. Box 2691, Lake City, FL 32056**, hereinafter called the grantee:

(Wherever used herein the terms "grantors" and "grantee" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantors, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee all that certain land situate in **Columbia County, State of Florida**, viz:

Lot 25, HIGH POINTE, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 15-18 of the public records of Columbia County, Florida.

SUBJECT TO TAXES FOR THE YEAR 2007 AND SUBSEQUENT YEARS, RESTRICTIONS, RESERVATIONS, COVENANTS AND EASEMENTS OF RECORD, IF ANY.

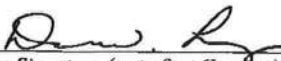
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold the same in fee simple forever.

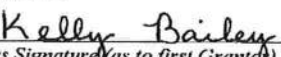
And the grantors hereby covenant with said grantee that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2006.

In Witness Whereof, the said grantors have signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:


Witness Signature (as to first Grantor)

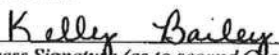
DAWNA W. LANG
Printed Name


Witness Signature (as to first Grantor)

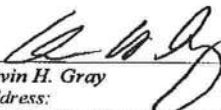
KELLY BAILEY
Printed Name


Witness Signature (as to second Grantor)

DAWNA W. LANG
Printed Name


Witness Signature (as to second Grantor)

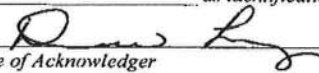
KELLY BAILEY
Printed Name

 L.S.
Kevin H. Gray
Address:
464 Shortleaf Drive, Lake City, FL 32024

 L.S.
Heather Gray
Address:
464 Shortleaf Drive, Lake City, FL 32024

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 23rd day of August, 2007, by Kevin H. Gray and Heather Gray, who are known to me or who have produced _____ as identification.


Signature of Acknowledger
My commission expires _____



DATE: 1/10/08
 ROOF PITCH: 6/12
 CLG. PITCH: ALL TRAYS
 ARE 12" VERTICAL
 OVERHANG: 18"
 LOADING: 40# PSF
 SHINGLE LOAD
 WIND LOAD: 110 MPH
 EXT. WALLS: 8" CMU

Roof Plane Sheathing Area = 8878 sq. ft
 Total Sheathing Area = 8878 sq. ft
 Fascia Material = 534 linear ft
 Valley Flashing Material = 232 linear ft
 Ridge Cap Material = 160 linear ft
 Hip Ridge Material = 898 linear ft

VALLEY AREAS TO BE CONVENTIONALLY
 FRAMED UNLESS OTHERWISE STATED.

ROOF & FLOOR TRUSS QUOTES
 DO NOT INCLUDE BEAMS, LVLS,
 AND/OR GLULAMS.

FRONT PORCH SECTION
 WILL REQUIRE CONVENTIONAL
 FRAMING.

W.B. HOWLAND
 Office: (386) 362-1235
 Fax: (386) 362-7124

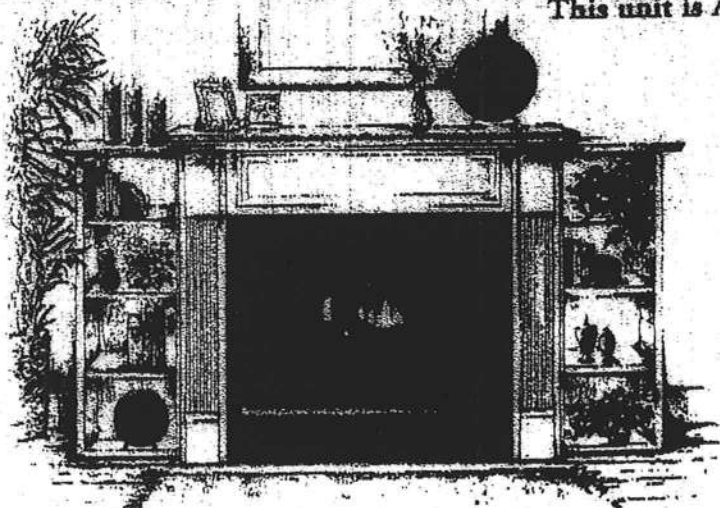
Job Name: DR. TROTT
 Customer: BLAKE CONSTRUCTION
 Designer: Lynn Bell

VENT-FREE

This unit is A.G.A. certified as a heater with 99% heat efficiency

No chimney or flue system required

Wide selection of factory installed options offered

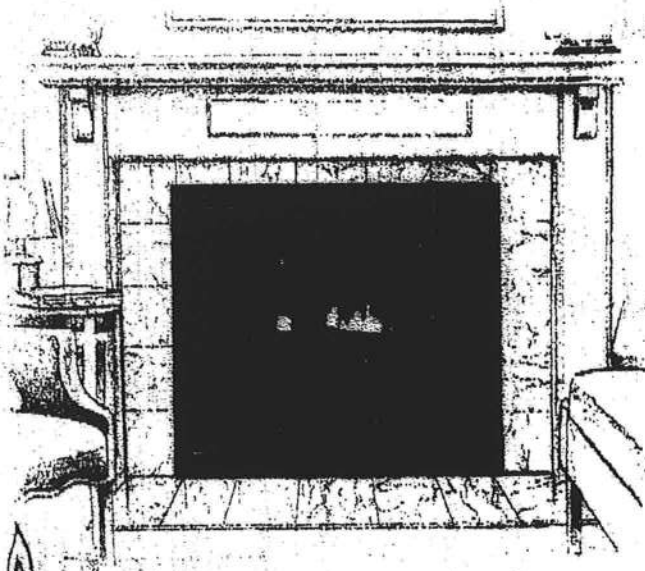
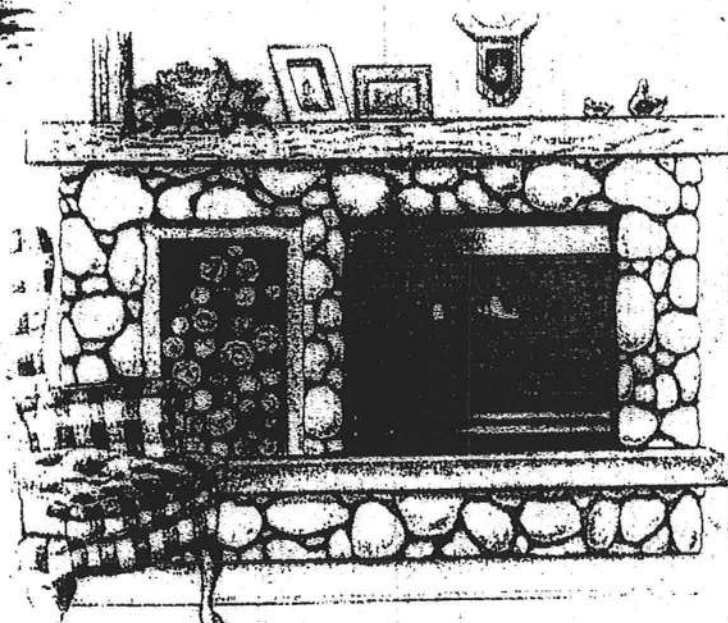


VF-4000

- 14,000 - 25,000 Btu/hr with manual control valve
- 19,500 - 25,000 Btu/hr with millivolt control valve
- Fully assembled and ready to install
- Attractive wood surrounds available
- 15" x 30" fixed or operable screen opening

VF-5000

- 25,000 Btu/hr millivolt variable heat output
- 15" X 30" glass or screen viewing area
- Clean burning, safe and easy to install
- Realistic charred oak logs with glowing embers



VF-6000

- 32,000 Btu/hr millivolt variable heat output
- Beautiful 20" X 34" glass or screen viewing area
- Will operate during a power failure
- Designed for large rooms



SUPERIOR

VF-4000/5000/6000



VF-6000 surround

Controls hidden in access compartment.



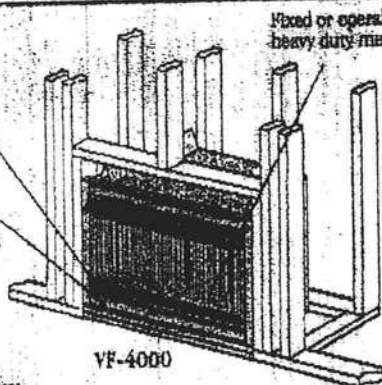
Optional FAB-1100 Blower.

Optional brass hoods, arches, glass panel and fine mesh screen.

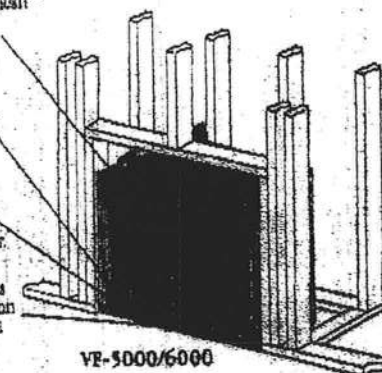


Optional FAB-1100 Blower.

Millivolt controls and piezo ignition operate during a power failure.



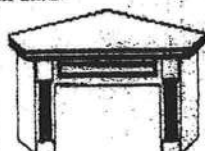
VF-4000



VF-5000/6000

SURROUNDS

The Charleston Poplar Surround is hand crafted using a combination of solid Poplar and Poplar veneer. Using the unique wood type of Poplar allows you the option to paint or stain this elegantly detailed surround. The surround is constructed using easy to assemble cam locks, and available in corner and wall units.



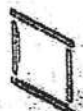
Distributed by:



Refractory tan brick panels



Gas Dux liner kit.



Square brass trim kit.



Brass Louver Kit (For VF-4 only)



Screen panel kit (For VF-5 & VF-6 only)



Arch kit (For VF-5 & VF-6 only)



Glass door kit (For VF-5 & VF-6 only)



Brass hood (For VF-5 & VF-6 only)

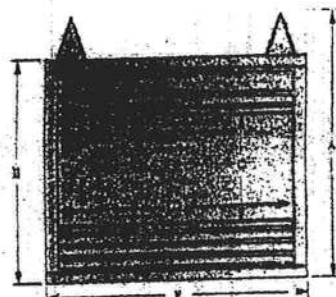


Wall switch or optional wireless remote available. (For VF-4MV, VF-5 & VF-6)

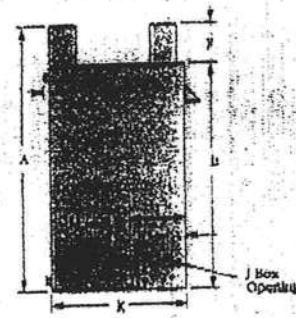


Wall thermostat (For VF-4MV, VF-5 & VF-6)

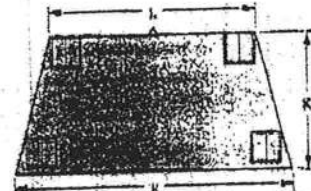
Front View



Left Side View



Top View



Vent-Free Product Dimensions

	VF-4000/5000C	VF-6000C
A	42-1/8"	42-1/8"
B	31-1/2"	36-5/8"
C	20"	20"
D	30"	34"
E	40"	40"
F	5-1/2"	5-1/2"
G	19-1/2"	19-1/2"
H	3-3/4"	3-3/4"
I	8-1/2"	8-1/2"
J	3"	3"
K	19-1/2"	19-1/2"
L	27"	28-1/2"

Btu Chart

Model	Natural	Propane
VF-4000 manual	14,000 - 25,000	14,000 - 25,000
VF-4000/5000 millivolt	19,500 - 25,000	19,500 - 25,000
VF-6000	25,000 - 32,000	25,000 - 32,000

Framing Dimension

Model	Width	Height	Depth
VF-4000/5000	37"	37-1/4"	15-1/2"
VF-6000	41"	42-3/8"	19-1/2"

NOTE: Diagrams and illustrations are not to scale. Product designs, materials, dimensions, specifications, colors and prices subject to change or discontinuation without notice. Built to ANSI Z21.11.2 standard and approved by A.G.A. (report # L2970017).

Consult your distributor for local fireplace code information.



SUPERIOR

www.LennoxHearthProducts.com

Printed in U.S.A. ©2001 Lennox Hearth Products • 1110 West Taft Ave., Orange, CA 92665-4150
Lennox Hearth Products Direct-Vent heater rated gas appliances include a 20-year limited warranty.

P/N 904464 REV. 2/00

May. 01 2003 07:51AM P2

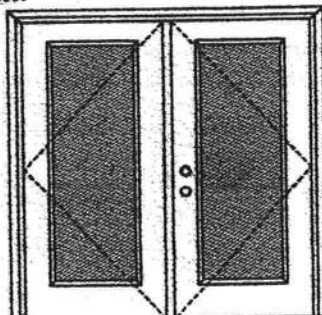
FAX NO. : +386 758 4735

FROM: LAKE CITY INDUSTRIES

XX

Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:****Note:**

Units of other sizes are covered by this report as long as the panels used do not exceed 3'0" x 6'8".

Double Door

Maximum unit size = 6'0" x 6'8"

Design Pressure**+40.5/-40.5**

Limited water unless special threshold design is used.

Large Missile Impact Resistance**Hurricane protective system (shutters) is REQUIRED.**

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-national, state or local building codes specify the edition required.

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed -- see MAD-WL-MA0012-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed -- see MID-WL-MA0002-02.

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



133, 135 Series



136 Series



600 Series



622 Series

1/2 GLASS:

105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 25 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

*This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

Johnson
EntrySystems

March 29, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

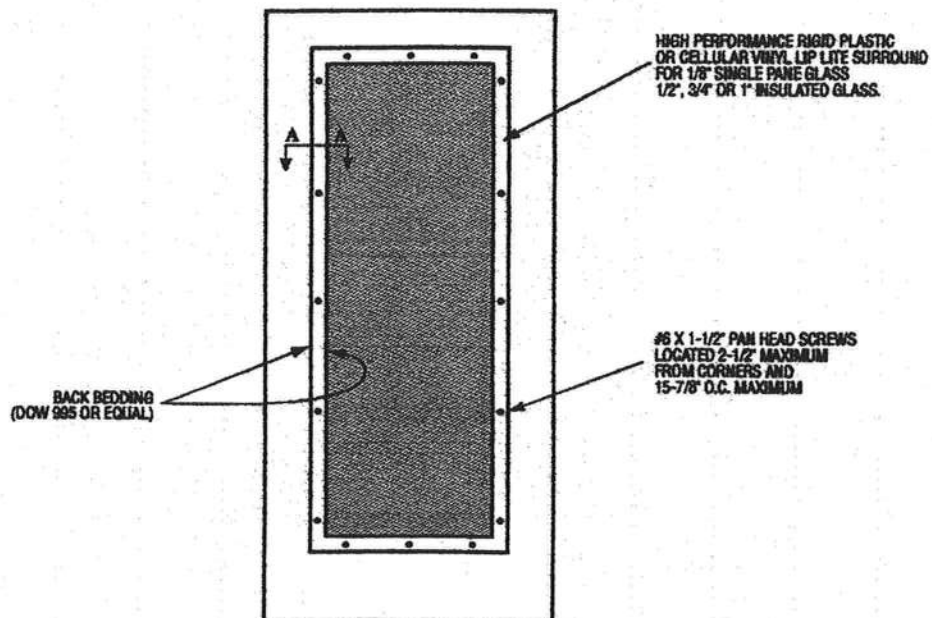
PREMDOR Collection
Premium Quality Doors



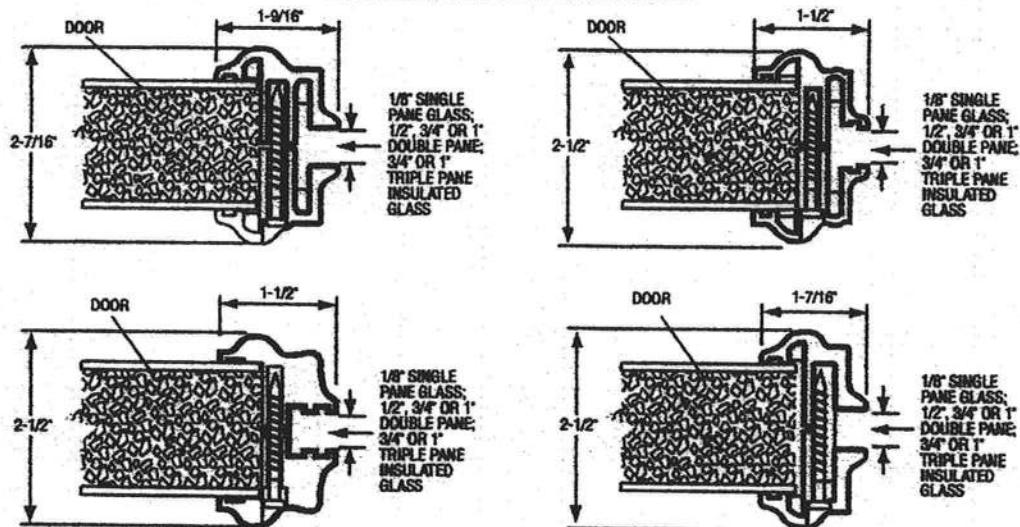
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Masonite
Masonite International Corporation

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



XX

Glazed Outswing Unit

COP-WL-JH4162-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

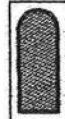
404 Series



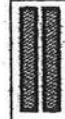
410 Series



450 Series

FULL GLASS:

100 Series

114, 120, 122
Series

152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1864-5, 6, 7, 8; NCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer
Kurt Balthazor, P.E. - License Number 56533

Johnson
EntrySystems

March 29, 2002
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PREMIER Collection
Premium Quality Doors



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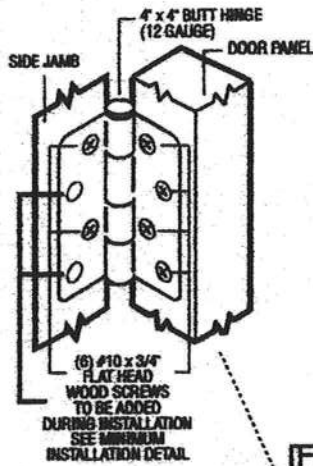
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XX
Unit

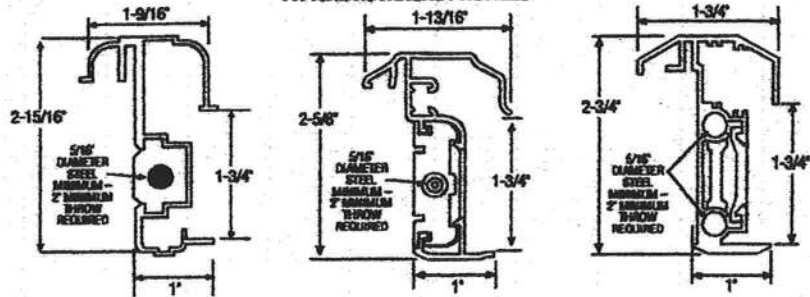
MAD-WL-MA0012-02

OUTSWING UNITS WITH DOUBLE DOOR

TYPICAL HINGE ATTACHMENT

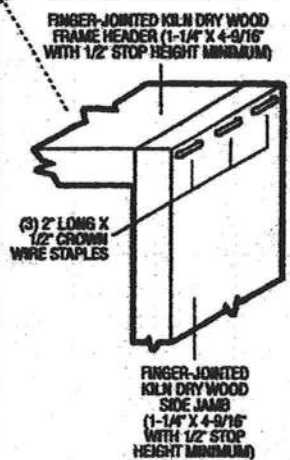


TYPICAL ASTRAGAL PROFILES



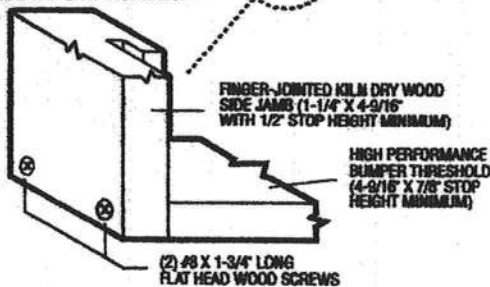
ALUMINUM EXTRUDED ASTRAGAL (0.06" MINIMUM WALL THICKNESS) WITH ADDED REINFORCEMENT INSERTS AT TOP EXTENSION BOLT, BOTTOM EXTENSION BOLT AND CYLINDRICAL DEADBOLT LATCHING LOCATIONS. ATTACH WITH #8 X 1" PAN HEAD SCREWS - LOCATE 1" FROM EACH END MINIMUM AND 22" O.C. MAXIMUM.

TYPICAL HEADER & SIDE JAMB ATTACHMENT



(3) FOR 7'0" HEIGHT OR SMALLER
(4) FOR HEIGHTS GREATER THAN 7'0"

TYPICAL THRESHOLD & SIDE JAMB ATTACHMENT



March 29, 2002
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PREMIER Collection
Premium Quality Doors

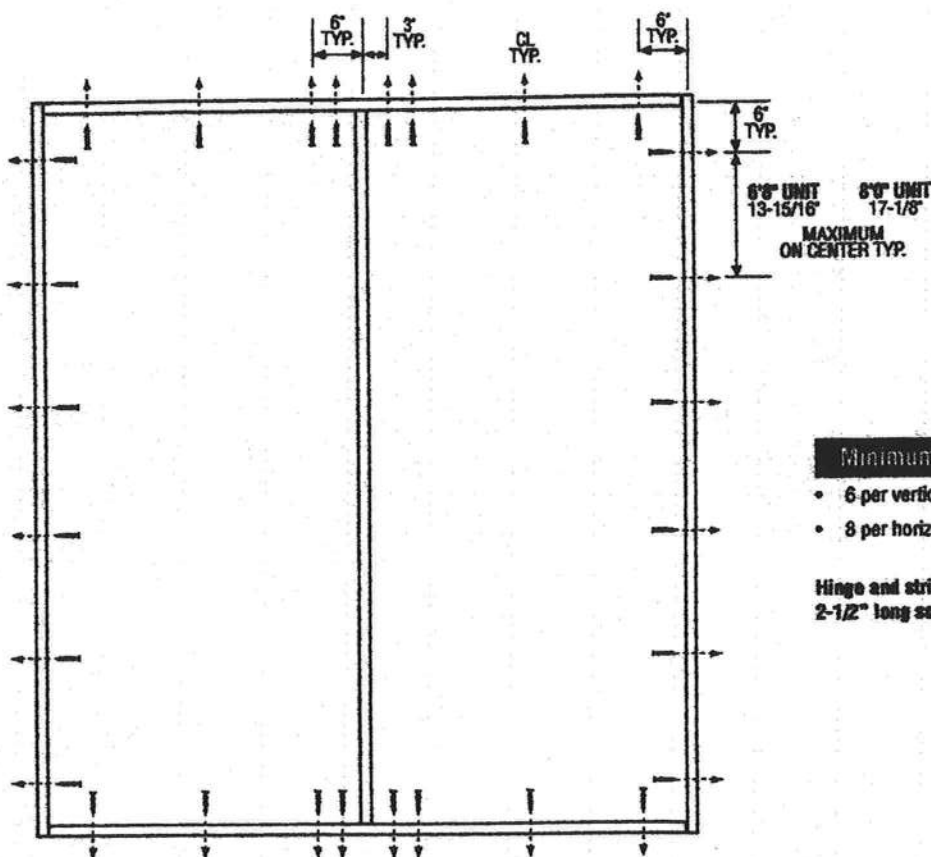


Exclusively from

Masonite

Masonite International Corporation

DOUBLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

FLORIDA DEPARTMENT OF Community Affairs



Product Approval
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- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

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FL # **FL5108**
Application Type **New**
Code Version **2004**
Application Status **Approved**
Comments
Archived

Product Manufacturer **MI Windows and Doors**
Address/Phone/Email **650 W Market St
Gratz, PA 17030
(717) 365-3300 ext 2101
surich@miwd.com**

Authorized Signature **Steven Ulrich**
surich@miwd.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Window



(Validator / Operations Administrator)

AAMA CERTIFICATION PROGRAM



AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc.
P.O. Box 370
Gratz, PA 17030-0370

Attn: Bill Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

1. The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION	RECORD OF PRODUCT TESTED				LABEL ORDER NO.
AAMA/NWDA 101/I.S. 2-97 H-R55*-36x62					
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED		By Request
MI Windows & Doors, Inc. (Oldsmar, FL) MI Windows & Doors, Inc. (Smyrna, TN)	MTL-8 MTL-9	185/3185 SH (Fin) (AL)(O/D)(OG) (ASTM)	FRAME 3'0" x 5'2"	SASH 2'10" x 2'7"	

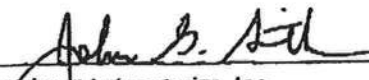
2. This Certification will expire May 14, 2008 and requires validation until then by continued listing in the current AAMA Certified Products Directory.
3. Product Tested and Reported by: Architectural Testing, Inc.
- Report No.: 01-50360.02
- Date of Report: June 14, 2004

NOTE: PLEASE REVIEW,
AND ADVISE ALI IMMEDIATELY
IF DATA, AS SHOWN, NEEDS
CORRECTION.

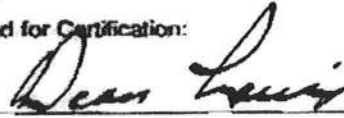
Date: August 1, 2005

cc: AAMA
JGS/cf
ACP-04 (Rev. 5/03)

Validated for Certification:

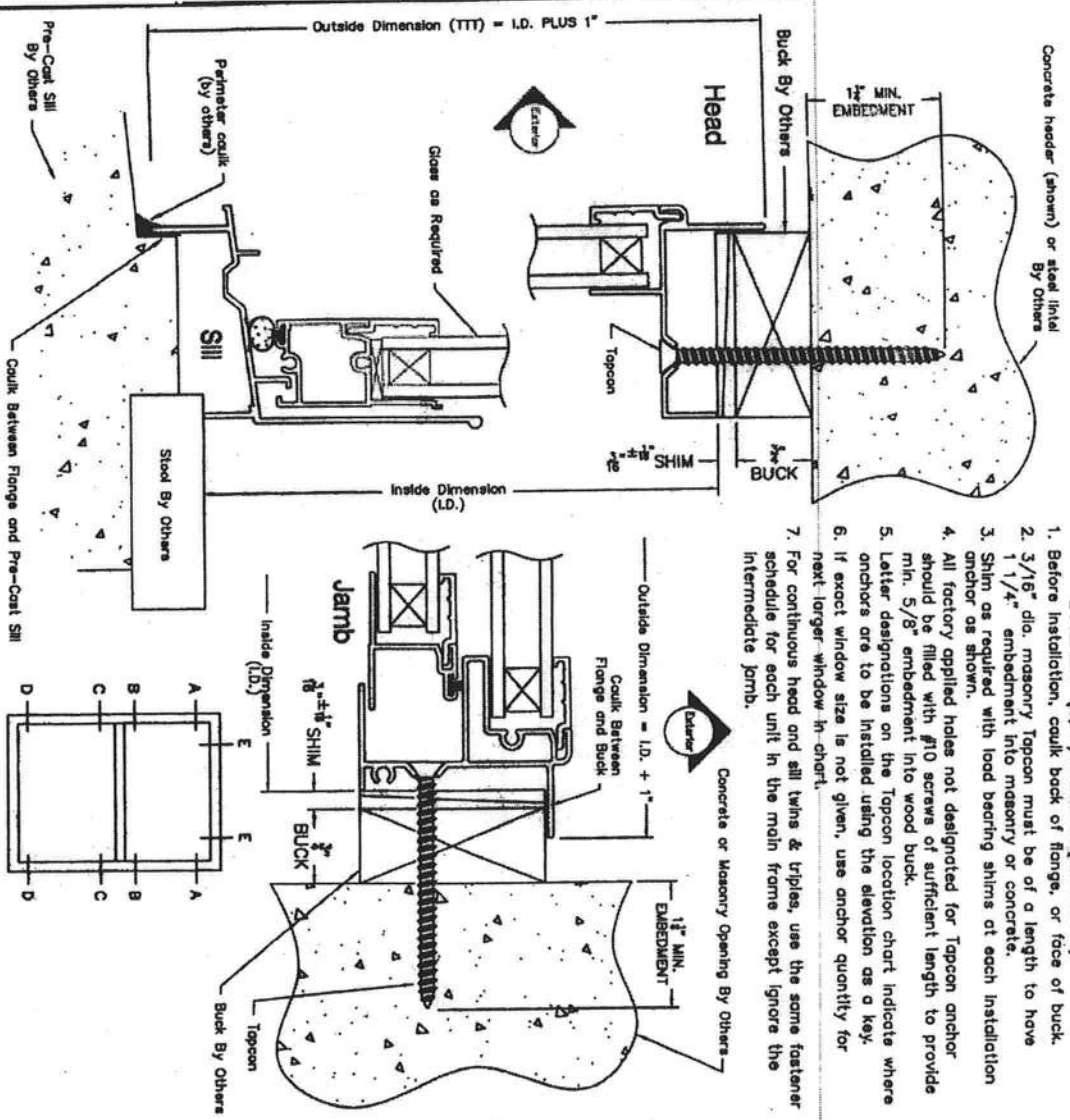

Associated Laboratories, Inc.

Authorized for Certification:


American Architectural Manufacturers Association

ONE BY (3/4) BUCKS (SHOWN)

1. Before installation, caulk back of flange, or face of buck.
2. 3/16" dia. masonry Topcon must be of a length to have 1 1/4" embedment into masonry or concrete.
3. Shim as required with load bearing shims at each installation anchor as shown.
4. All factory applied holes not designated for Topcon anchor should be filled with #10 screws of sufficient length to provide min. 5/8" embedment into wood buck.
5. Letter designations on the Topcon location chart indicate where anchors are to be installed using the elevation as a key.
6. If exact window size is not given, use anchor quantity for next larger window in chart.
7. For continuous head and sill twins & triples, use the same fastener schedule for each unit in the main frame except ignore the intermediate jamb.



TWO BY (1 1/2) BUCKS

"TWO BY" bucks are engineered and fastened to the masonry opening BY OTHERS.

Follow the same instructions and fastener requirements for "one by" bucks except use #10 screws of sufficient length for 1 1/4" minimum embedment into buck.

* TAPCON LOCATION CHART

CODE SIZE	WINDOW ID SIZE	FASTENER LOCATIONS			
		UP TO DP35	DP35.1 TO DP55	DP55.1 TO DP69.3	DP69.3 TO DP83.5
12	18 1/8 x 25	A D & E	A D & E	A D & E	A D & E
13	18 1/8 x 37 3/8	A D & E	A D & E	A D & E	A D & E
14	18 1/8 x 49 5/8	A D & E	A D & E	A D & E	A D & E
15	18 1/8 x 62	A D & E	A D & E	A D & E	A D & E
16	18 1/8 x 71	A D & E	A D & E	A D & E	A D & E
17	18 1/8 x 83	A D & E	A D & E	A D & E	A D & E
1/2 32	25 1/2 x 25	A D & E	A D & E	A D & E	A D & E
1/2 33	25 1/2 x 37 3/8	A D & E	A D & E	A D & E	A D & E
1/2 34	25 1/2 x 49 5/8	A D & E	A D & E	A D & E	A D & E
1/2 35	25 1/2 x 62	A D & E	A D & E	A D & E	A D & E
1/2 36	25 1/2 x 71	A D & E	A D & E	A D & E	A D & E
1/2 37	25 1/2 x 83	A D & E	A D & E	A D & E	A D & E
22	36 x 25	A D & E	A D & E	A D & E	A D & E
23	36 x 37 3/8	A D & E	A D & E	A D & E	A D & E
24	36 x 49 5/8	A D & E	A D & E	A D & E	A D & E
25	36 x 62	A D & E	A D & E	A D & E	A D & E
26	36 x 71	A D & E	A D & E	A D & E	A D & E
27	36 x 83	A D & E	A D & E	A D & E	A D & E
32	52 1/8 x 25	A D & E	A D & E	A D & E	A D & E
33	52 1/8 x 37 3/8	A D & E	A D & E	A D & E	A D & E
34	52 1/8 x 49 5/8	A D & E	A D & E	A D & E	A D & E
35	52 1/8 x 62	A D & E	A D & E	A D & E	A D & E
36	52 1/8 x 71	A D & E	A D & E	A D & E	A D & E
37	52 1/8 x 83	A D & E	A D & E	A D & E	A D & E
2040	23 3/8 x 47 5/8	A D & E	A D & E	A D & E	A D & E
2050	23 3/8 x 59 5/8	A D & E	A D & E	A D & E	A D & E
2060	23 3/8 x 71 5/8	A D & E	A D & E	A D & E	A D & E
2070	23 3/8 x 83 5/8	A D & E	A D & E	A D & E	A D & E
3040	35 3/8 x 47 5/8	A D & E	A D & E	A D & E	A D & E
3050	35 3/8 x 59 5/8	A D & E	A D & E	A D & E	A D & E
3060	35 3/8 x 71 5/8	A D & E	A D & E	A D & E	A D & E
3070	35 3/8 x 83 5/8	A D & E	A D & E	A D & E	A D & E
4040	47 3/8 x 47 5/8	A D & E	A D & E	A D & E	A D & E
4050	47 3/8 x 59 5/8	A D & E	A D & E	A D & E	A D & E
4060	47 3/8 x 71 5/8	A D & E	A D & E	A D & E	A D & E
4070	47 3/8 x 83 5/8	A D & E	A D & E	A D & E	A D & E
4450	51 3/8 x 59 5/8	A D & E	A D & E	A D & E	A D & E
4460	51 3/8 x 71 5/8	A D & E	A D & E	A D & E	A D & E
4470	51 3/8 x 83 5/8	A D & E	A D & E	A D & E	A D & E

A	REWORKED BEL. INSTALLATION ANCHOR SCHEDULE	1/7/94	BY
REV	REVISION	DATE	BY



MI HOME PRODUCTS
GRATZ, PA.

185/3185 SINGLE HUNG FLANGE FRAME
INSTALLATION DETAILS & FASTENER SCHEDULE

PTC
Product Technology Corporation

SCALE: N.T.S.
SHEET: 1 OF 1

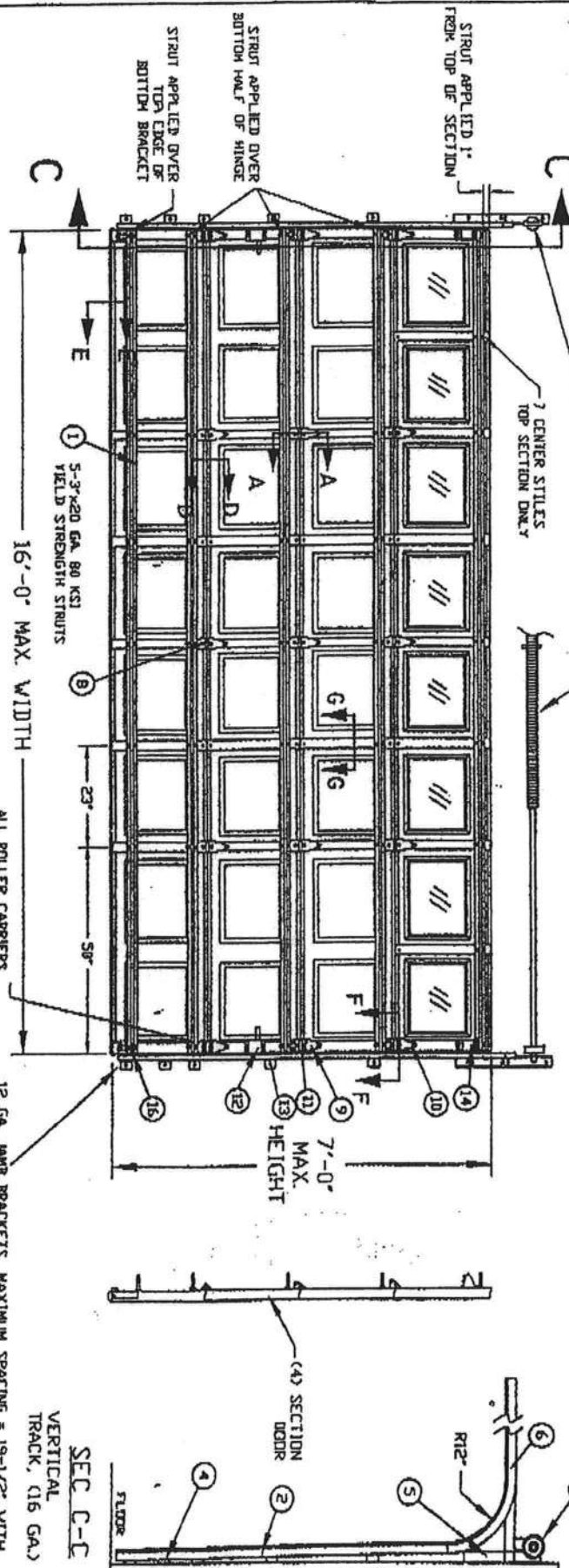
DATE: 06/15/04
REV: 0059

Phone: 407.223.4334 Fax: 407.223.4335

NOTES:

1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 30 PSF TEST PRESSURES PER ASTM E-330
2. MAXIMUM SECTION HEIGHT = 21'
3. SECTION HEIGHTS OF 21' BY AND 19.5' ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS.
4. VARIOUS MAY BE INSTALLED IN THE TOP SECTION. GAS TESTED WITH 1/8" RSB GLASS OR EQUIVALENT OR IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
5. MAXIMUM LENGTH OF ROLLER STEEL IS 54' 0" AS TESTED.
6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE DOOR SHOW.
7. STRUTS SECURED AT ALL LOCATIONS WITH TIE SCREWS.
8. QUANTITY OF SIDE LOCKS CAN BE 0, 1, OR 2 AS TESTED.
9. DROP IN TYPE OF INSULATION IS OPTIONAL.

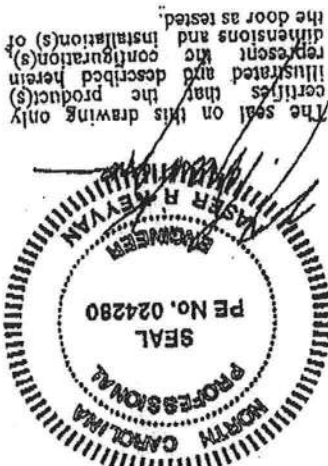
NOT PART OF WIND LOAD SYSTEM
EXTENSION SPRING COUNTERBALANCE
TORSION SPRING COUNTERBALANCE



INSIDE ELEVATION

TEST REPORTS ON FILE VIDEO 10/19/00 (0002930)

DESIGN LOAD +200 PSF & -200 PSF
TEST LOAD +300 PSF & -300 PSF



GABCO DOORS			
SERIES 7400, EXTERIOR STEEL, 1/2" MIN GAS TESTED			
SERIES 7825, EXTERIOR STEEL, 1/2" MIN A			
SERIES 7524, EXTERIOR STEEL, 1/2" MIN A			
(TESTED WITH VARIOUS)			
MAXIMUM DOOR WIDTH	MAXIMUM DOOR HEIGHT	TYPICAL CTR. STILE SPACING	STILES TO STILES
16'	7'	23"	3"
			VERTICAL TRACK
			2 IN.
DATE: 10-20-00		APPROVED BY:	DRAWN BY: B. VICTOR
DESCRIPTION: 15' X 7' MAX. RAISED PANEL STEEL DOOR - WINDLOAD 200 PSF		REVIEWED: (A) 11-10-00	
PAGE 1 OF 2		DRAWING NUMBER: V13220-1	

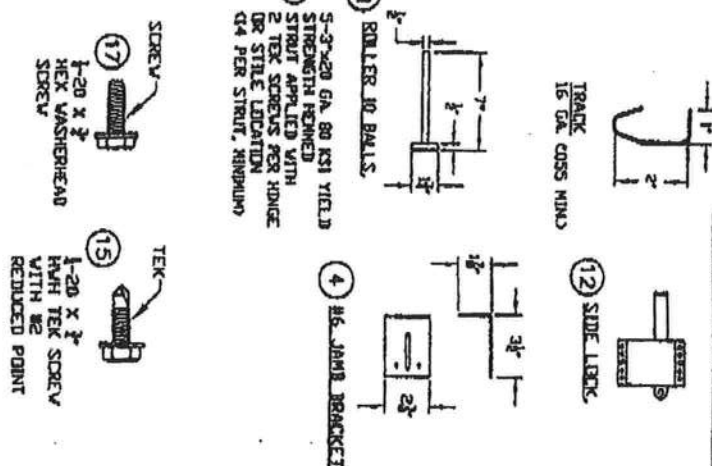
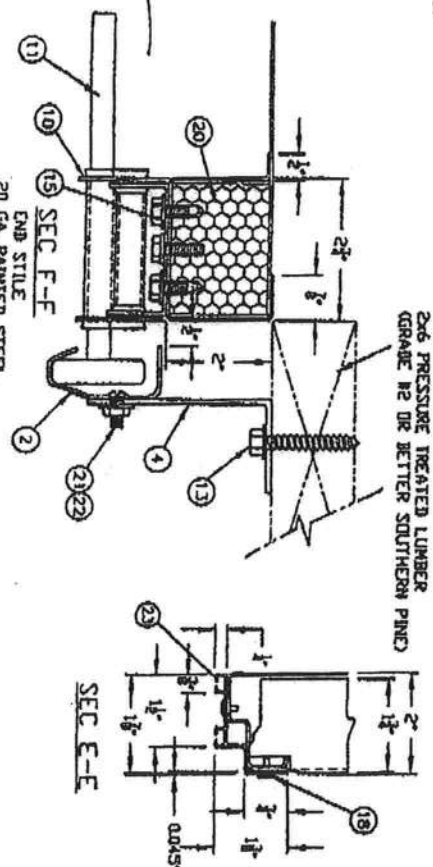
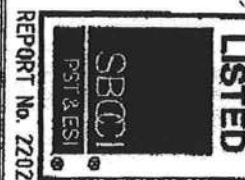
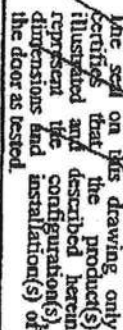


GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

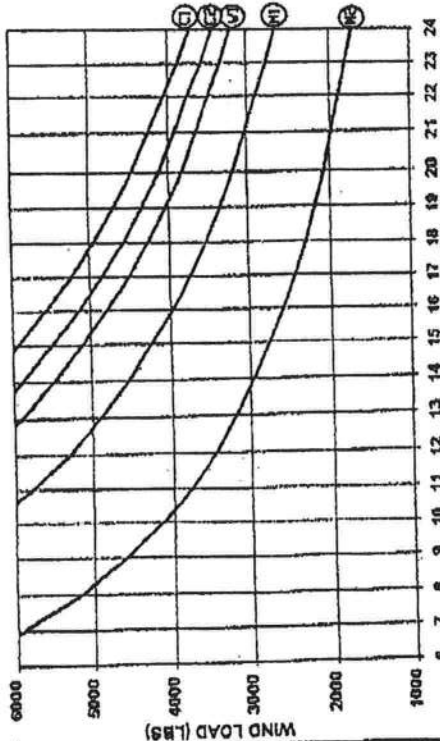
SEC. C-C
VERTICAL TRACK, (16 GA.)

12 GA. JAMB BRACKETS, MAXIMUM SPACING = 19-1/2" WITH LOWEST BRACKET APPROX. 3" FROM FLOOR, 2ND BRACKET NEAR THE HORIZONTAL & OF THE BOTTOM SECTION, AND 3RD BRACKET NEAR THE TOP OF THE BOTTOM SECTION

REV	DATE	BY	DESCRIPTION
A	11-10-00	DM	SEE E.C.H. 011

[illegible]

WIND LOAD vs ANCHOR SPACING



MAXIMUM ANCHOR SPACING (INCHES) PER EACH JAMB

DESIGN (LBS) X GARAGE DOOR AREA (WIDTH-FT X HEIGHT-FT) = WIND LOAD (LBS)

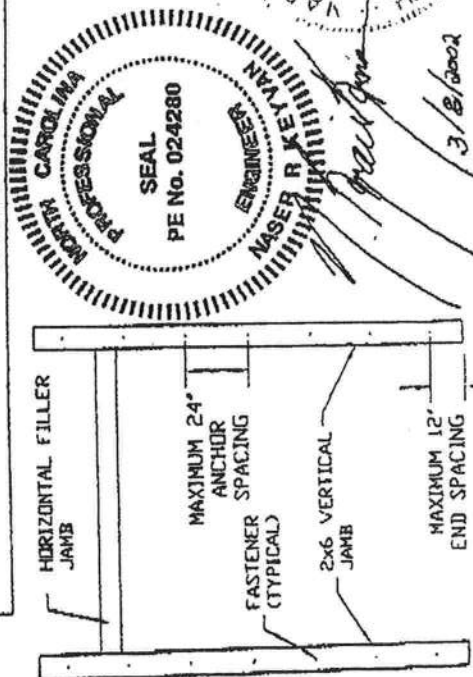
LOAD $\frac{FT^2}{FT^2}$

EXAMPLE

30 LBS $\frac{FT^2}{FT^2}$ X (16 FT WIDE X 8 FT HIGH) = 3840 LBS

- (1) USE 22" SPACING
 (2) USE 21" SPACING
 (3) USE 19" SPACING

SEE NOTE 11 FOR ADDITIONAL
REQUIRED 2X6 WOOD JAMB ANCHORS



2X6 JAMB TO SUPPORT STRUCTURE ATTACHMENT

2X6 PRESSURE TREATED (GRADE #2 OR BETTER SOUTHERN PINE) WOOD JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAME, GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES:

- 1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.
- 2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION" SSTB 10, "CURRENT EDITION."
- 3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.
- 4) WOOD FRAME BUILDINGS: STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2X6 PRESSURE TREATED SOUTHERN PINE (#2 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.
- 5) REINFORCED CMU OR CONCRETE: 2X6 WOOD JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2150 PSI GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- 6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.
- 7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 3-3/4"
- 8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2X6 WALL STUDS.
- 9) WASHERS ARE REQUIRED ON ALL FASTENERS.
- 10) THE WIND LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.
- 11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2X6 WOOD-JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

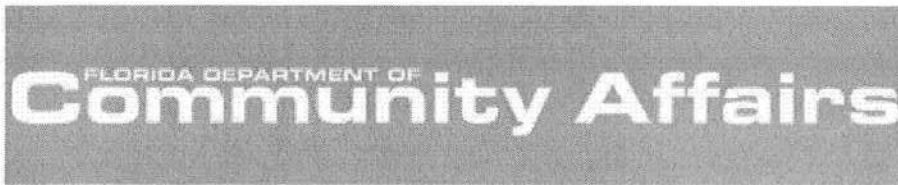


GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD
MONTGOMERY, IL 60538

WIND LOAD	WIND BY	DATE
8-30-99	8-30-99	8-30-99
JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS		
WATER SHIELDING NUMBER A10560		



3/8/2002

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FL # FL5781-R1
Application Type Revision
Code Version 2004
Application Status Approved
Comments
Archived ☐

Product Manufacturer Decra Roofing Systems, Inc.
Address/Phone/Email 1230 Railroad St.
Corona, CA 92882
(951) 272-8180 ext 210
deldredge@decra.com

Authorized Signature Vipin Tolat
vtolat@sbcglobal.net

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category Roofing
Subcategory Metal Roofing

Compliance Method Certification Mark or Listing

Certification Agency Miami-Dade BCCO - CER

Referenced Standard and Year (of **Standard**

Equivalence of Product Standards
Certified By

Date Submitted	03/06/2006
Date Validated	03/06/2006
Date Pending FBC Approval	03/12/2006
Date Approved	03/21/2006

http://www.floridabuilding.org/pr/pr_app_dtl.aspx?param=wGEVXQwtDqujIQqPsuOGbRrMFzi... 1/4/2008

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DCA Administration

**Department of Community Affairs
Florida Building Code Online
Codes and Standards**

2555 Shumard Oak Boulevard

Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:





W.B. Howland Co., Inc.

Truss Department - P.O. Box 700
Live Oak, FL 32064
Phone: (386) 362-1235 * Fax: (386) 362-7124

QUOTATION

Job #: 5149

Date: Monday, Jan 14 2008

Customer Information:

Name: **BLAKE CONSTRUCTION**
Address: **blakelunde@hotmail.com**
City, State, Zip:

Contact:

Project Information:

Name: **DR. TROTT**
Address: **LOT 25 High Pt Subd.**
City, State, Zip:
Region: **Columbia County**

Salesman:
Rick
Designer:
Lynn Bell

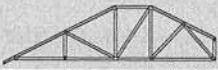
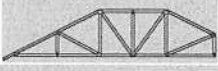
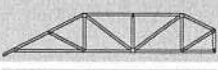
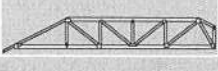
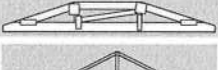
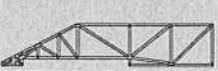
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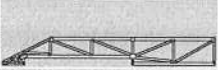
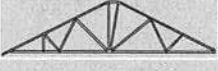
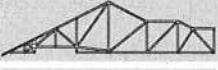
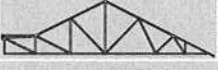
Job#: 5149

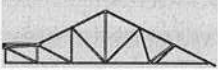
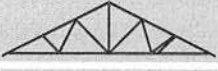
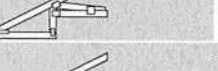
Customer **BLAKE CONSTRUCTION**

QUOTATION

QTY	SPAN	DESCRIPTION	Truss	SLOPE TC/BC	OH - L OH - R	CANT-L CANT-R	STUB-L STUB-R
1	19-06-00	A1 105 lbs. each		6.00 2x4 / 2x6	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	19-06-00	A2 95.20 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
10	19-06-00	A3 91.00 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
3	19-06-00	A4 88.2 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	19-06-00	A5 2 -Ply 156.8 lbs. each		6.00 2x4 / 2x8	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	05-00-00	A6 32.2 lbs. each		6.00 2x4 / 2x8	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	13-10-00	A7 2 -Ply 50.4 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
2	13-10-00	A8 50.4 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	13-10-00	A9 72.80 lbs. each		6.00 2x4 / 2x6	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-10-00	A10 187.6 lbs. each		6.00 2x4 / 2x6	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-10-00	A11 172.2 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-10-00	A12 176.4 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-10-00	A13 175.0 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-10-00	A14 172.2 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
8	30-10-00	A15 172.2 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00

QTY	SPAN	DESCRIPTION	Truss	SLOPE TC/BC	OH - L OH - R	CANT-L CANT-R	STUB-L STUB-R
1	30-10-00	A16 166.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-00-00	A17 156.8 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-00-00	A18 162.4 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-00-00	A19 145.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-00-00	A20 182 lbs. each		6.00 2x4 / 2x6	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	36-00-00	A21 250.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	36-00-00	A22 234.5 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	36-00-00	A23 229.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	36-00-00	A24 291.2 lbs. each		6.00 2x4 / 2x6	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
2	13-08-00	A25 2 -Ply 79.10 lbs. each		3.91 2x6 / 2x8	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	23-00-00	A26 121.8 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	23-00-00	A27 119.0 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	23-00-00	A28 126 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	04-10-00 00-00-00	00-00-00 00-00-00
1	23-08-00	A29 114.8 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	04-10-00 00-00-00	00-00-00 00-00-00
3	23-08-00	A30 117.6 lbs. each		6.00 2x4 / 2x4	00-00-00 01-06-00	04-10-00 00-00-00	00-00-00 00-00-00
1	23-08-00	A31 164.5 lbs. each		6.00 2x4 / 2x6	00-00-00 01-06-00	04-10-00 00-00-00	00-00-00 00-00-00
2	30-06-00	A32 247.8 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-06-00	A33 200.2 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-06-00	A34 219.8 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-06-00	A35 191.8 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-06-00	A36 238 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-06-00	A37 205.8 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	30-06-00	A38 198.8 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00

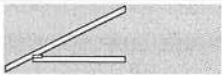
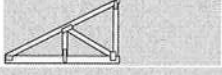
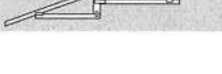
QTY	SPAN	DESCRIPTION	Truss	SLOPE TC/BC	OH - L OH - R	CANT-L CANT-R	STUB-L STUB-R
1	30-06-00	A39 2-Ply 215.6 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	36-00-00	A40 319.2 lbs. each		6.00 2x8 / 2x6	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	36-00-00	A41 210 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	36-00-00	A42 198.8 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A43 246.4 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A44 238 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A45 276.5 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A46 270.9 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A47 287.7 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A48 290.5 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A49 250.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	37-08-00	A50 239.4 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	42-00-00	A51 261.8 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 04-04-00	00-00-00 00-00-00
1	42-00-00	A52 285.6 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 04-04-00	00-00-00 00-00-00
1	42-00-00	A53 305.2 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 04-04-00	00-00-00 00-00-00
1	42-00-00	A54 310.8 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 04-04-00	00-00-00 00-00-00
1	42-00-00	A55 329.7 lbs. each		0.00 2x6 / 2x4	00-00-00 01-06-00	00-00-00 04-04-00	00-00-00 00-00-00
1	42-00-00	A56 340.2 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	42-00-00	A57 344.4 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	42-00-00	A58 330.4 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	42-00-00	A59 313.6 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	42-00-00	A60 302.4 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	42-00-00	A61 282.8 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00

QTY	SPAN	DESCRIPTION	Truss	SLOPE TC/BC	OH - L OH - R	CANT-L CANT-R	STUB-L STUB-R
1	42-00-00	A62 263.2 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
2	42-00-00	A63 225.4 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
2	42-00-00	A64 289.8 lbs. each		6.00 2x4 / 2x4	01-06-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-01-04	A65 92.4 lbs. each		0.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
4	44-00-00	A66 350.0 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-01-04	A67 99.40 lbs. each		0.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-01-04	A68 99.40 lbs. each		0.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	26-01-04	A69 92.4 lbs. each		0.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	43-04-00	A70 333.2 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
1	43-06-08	A71 334.6 lbs. each		0.00 2x4 / 2x4	00-00-00 01-06-00	00-00-00 00-00-00	00-00-00 00-00-00
8	02-09-00	A72 14.00 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
3	01-00-00	JC1 5.600 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
3	03-00-00	JC3 12.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
3	05-00-00	JC5 18.20 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
15	01-00-00	JC1A 5.600 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
13	03-00-00	JC3A 12.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	03-00-00	JC3B 9.800 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	03-00-00	JC3C 9.800 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
7	05-00-00	JC5A 18.20 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	05-00-00	JC5B 26.60 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	05-00-00	JC5C 23.8 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	05-00-00	JC5D 22.40 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	05-00-00	JC5E 25.2 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00

Job#: 5149

Customer BLAKE CONSTRUCTION

QUOTATION

QTY	SPAN	DESCRIPTION	Truss	SLOPE TC/BC	OH - L OH - R	CANT-L CANT-R	STUB-L STUB-R
3	05-00-00	JE5 18.20 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
27	07-00-00	JE7 25.2 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	JE7A 39.9 lbs. each		6.00 2x4 / 2x6	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	JE7B 22.40 lbs. each		6.00 2x4 / 2x4	00-00-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	07-00-00	JE7C 25.2 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
4	07-00-00	JE7D 33.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
6	07-00-00	JE7E 33.6 lbs. each		6.00 2x4 / 2x4	01-06-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
4	03-01-07	JH3 14.00 lbs. each		5.29 2x4 / 2x4	01-08-00 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
2	07-00-14	JH7 25.2 lbs. each		4.24 2x4 / 2x4	02-01-07 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
5	09-10-13	JH10 46.2 lbs. each		4.24 2x4 / 2x4	02-01-07 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	09-10-13	JH10A 58.8 lbs. each		4.24 2x4 / 2x4	02-01-07 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00
1	09-10-13	JH10B 50.4 lbs. each		4.24 2x4 / 2x4	02-01-07 00-00-00	00-00-00 00-00-00	00-00-00 00-00-00

NOTICE: We warn that trusses can cause property damage or personal injury if improperly installed or braced. Customer's, or his agents acceptance hereof shall constitute his affirmative representation that he is fully trained in the proper methods of truss installation and bracing. Please refer to "Bracing Wood Truss: Commentary and Recommendations", HIB-91, published by Truss Plate Institute, Inc. It is the customers responsibility to provide access to the jobsite.

I hereby authorize fabrication in accordance with the proposal. Trusses remain the property of the manufacture until full payment is made. Quoted price valid for 30 days.

JOB PRICE	\$11,296.77
TAXRATE 7% TAX	\$790.77
TOTAL	\$12,087.54

Accepted By _____ P.O. # _____

DATE: 7/10/08
 ROOF PITCH: 6/12
 CLG. PITCH: ALL TRAYS
 ARE 12" VERTICAL
 OVERHANG: 18"
 LOADING: 40#s PSF
 SHINGLE LOAD
 WIND LOAD: 110 MPH
 EXT. WALLS: 8" CMU

Roof Plane Sheathing Area = 8878 sq. ft
 Total Sheathing Area = 8878 sq. ft
 Fascia Material = 534 linear ft
 Valley Flashing Material = 232 linear ft
 Ridge Cap Material = 160 linear ft
 Hip Ridge Material = 898 linear ft

VALLEY AREAS TO BE CONVENTIONALLY
 FRAMED UNLESS OTHERWISE STATED.

ROOF & FLOOR TRUSS QUOTES
 DO NOT INCLUDE BEAMS, LVLS,
 AND/OR GLULAMS.

FRONT PORCH SECTION
 WILL REQUIRE CONVENTIONAL
 FRAMING.

W.B. HOWLAND
 Office: (386) 362-1235
 Fax: (386) 362-7124

Job Name: DR. TROTT
 Customer: BLAKE CONSTRUCTION
 Designer: Lynn Bell

JOB NO:
 5149
 PAGE NO:
 1 OF 1

Residential System Sizing Calculation

Summary

Project Title:

CEMJAT, LLC.

Code Only

Professional Version

Climate: North

Lake City, FL 32025-

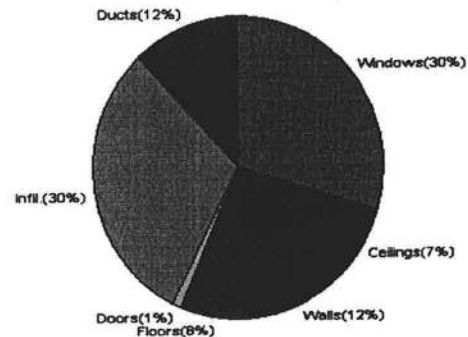
1/18/2008

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			72725 Btuh	Total cooling load calculation	
				82416 Btuh	
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	119.6	87000	Sensible (SHR = 0.75)	105.3	65250
Heat Pump + Auxiliary(0.0kW)	119.6	87000	Latent	106.3	21750
			Total (Electric Heat Pump)	105.6	87000

WINTER CALCULATIONS

Winter Heating Load (for 4032 sqft)

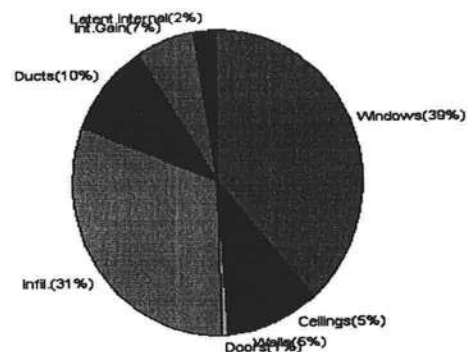
Load component		Load	
Window total	676 sqft	21760	Btuh
Wall total	2936 sqft	8462	Btuh
Door total	60 sqft	777	Btuh
Ceiling total	4525 sqft	5332	Btuh
Floor total	360 sqft	5887	Btuh
Infiltration	538 cfm	21776	Btuh
Duct loss		8729	Btuh
Subtotal		72725	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		72725	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 4032 sqft)

Load component		Load	
Window total	676 sqft	31908	Btuh
Wall total	2936 sqft	4403	Btuh
Door total	60 sqft	588	Btuh
Ceiling total	4525 sqft	3891	Btuh
Floor total		0	Btuh
Infiltration	470 cfm	8755	Btuh
Internal gain		5500	Btuh
Duct gain		6911	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		61956	Btuh
Latent gain(ducts)		1270	Btuh
Latent gain(infiltration)		17191	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		2000	Btuh
Total latent gain		20461	Btuh
TOTAL HEAT GAIN		82416	Btuh



Version 8

For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE: 1-18-08

EnergyGauge® FLRCPB v4.5.2

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Project Title:
- CEMJAT

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

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

1/18/2008

Component Loads for Whole House					
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	144.0	32.2	4635 Btuh
2	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
3	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
4	2, Clear, Metal, 0.87	S	24.0	32.2	773 Btuh
5	2, Clear, Metal, 0.87	N	6.0	32.2	193 Btuh
6	2, Clear, Metal, 0.87	E	216.0	32.2	6953 Btuh
7	2, Clear, Metal, 0.87	E	84.0	32.2	2704 Btuh
8	2, Clear, Metal, 0.87	E	48.0	32.2	1545 Btuh
9	2, Clear, Metal, 0.87	S	72.0	32.2	2318 Btuh
10	2, Clear, Metal, 0.87	S	12.0	32.2	386 Btuh
	Window Total		676(sqft)		21760 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.08)	19.0	2776	2.9	7937 Btuh
2	Frame - Wood - Adj(0.09)	13.0	160	3.3	525 Btuh
	Wall Total		2936		8462 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		40	12.9	518 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		60		777Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Tile	30.0	4525	1.2	5332 Btuh
	Ceiling Total		4525		5332Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	360.0 ft(p)	16.4	5887 Btuh
	Floor Total		360		5887 Btuh
	Envelope Subtotal:				42219 Btuh
Infiltration	Type	ACH X Volume(cuft)	walls(sqft)	CFM=	Load
	Natural	0.80	40320	2936	537.6
					21776 Btuh
Ductload	(DLM of 0.136)				8729 Btuh
All Zones	Sensible Subtotal All Zones				72725 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Project Title:
- CEMJAT

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/18/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	72725 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	72725 Btuh

EQUIPMENT

1. Electric Heat Pump	#	44000 Btuh
2. Electric Heat Pump	#	43000 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)



Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Project Title:

- CEMJAT

Code Only

Professional Version

Climate: North

Lake City, FL 32025-

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

1/18/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	N	144.0		32.2	4635 Btuh
2	2, Clear, Metal, 0.87	W	30.0		32.2	966 Btuh
3	2, Clear, Metal, 0.87	W	40.0		32.2	1288 Btuh
4	2, Clear, Metal, 0.87	S	24.0		32.2	773 Btuh
5	2, Clear, Metal, 0.87	N	6.0		32.2	193 Btuh
6	2, Clear, Metal, 0.87	E	216.0		32.2	6953 Btuh
7	2, Clear, Metal, 0.87	E	84.0		32.2	2704 Btuh
8	2, Clear, Metal, 0.87	E	48.0		32.2	1545 Btuh
9	2, Clear, Metal, 0.87	S	72.0		32.2	2318 Btuh
10	2, Clear, Metal, 0.87	S	12.0		32.2	386 Btuh
Window Total			676(sqft)			21760 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.08)	19.0	2776		2.9	7937 Btuh
2	Frame - Wood - Adj(0.09)	13.0	160		3.3	525 Btuh
Wall Total			2936			8462 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
2	Insulated - Adjacent		20		12.9	259 Btuh
Door Total			60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/L/Tile	30.0	4525		1.2	5332 Btuh
Ceiling Total			4525			5332Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	5	360.0 ft(p)		16.4	5887 Btuh
Floor Total			360			5887 Btuh
Zone Envelope Subtotal:						42219 Btuh
Infiltration	Type	ACH	X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.80		40320	2936	537.6
						21776 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.136)					8729 Btuh
Zone #1	Sensible Zone Subtotal					72725 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Project Title:
- CEMJAT

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/18/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	72725 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	72725 Btuh

EQUIPMENT

1. Electric Heat Pump	#	44000 Btuh
2. Electric Heat Pump	#	43000 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)



Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Project Title:
- CEMJAT

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

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

1/18/2008

Component Loads for Whole House

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	N	1.5ft	10ft.	144.0	0.0	144.0	29	29	4171	Btuh
2	2, Clear, 0.87, None,N,N	W	5.5ft	10ft.	30.0	2.8	27.2	29	80	2243	Btuh
3	2, Clear, 0.87, None,N,N	W	12.5f	10ft.	40.0	40.0	0.0	29	80	1158	Btuh
4	2, Clear, 0.87, None,N,N	S	7.5ft	10ft.	24.0	24.0	0.0	29	34	695	Btuh
5	2, Clear, 0.87, None,N,N	N	1.5ft	10ft.	6.0	0.0	6.0	29	29	174	Btuh
6	2, Clear, 0.87, None,N,N	E	1.5ft	10ft.	216.0	0.0	216.0	29	80	17176	Btuh
7	2, Clear, 0.87, None,N,N	E	20ft.	12ft.	84.0	84.0	0.0	29	80	2433	Btuh
8	2, Clear, 0.87, None,N,N	E	20ft.	12ft.	48.0	48.0	0.0	29	80	1390	Btuh
9	2, Clear, 0.87, None,N,N	S	1.5ft	10ft.	72.0	66.1	5.9	29	34	2113	Btuh
10	2, Clear, 0.87, None,N,N	S	1.5ft	10ft.	12.0	10.0	2.0	29	34	357	Btuh
Window Total					676 (sqft)					31908 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)		HTM		Load			
	1	Frame - Wood - Ext	19.0/0.08		2776.0		1.5		4162 Btuh		
	2	Frame - Wood - Adj	13.0/0.09		160.0		1.5		241 Btuh		
	Wall Total					2936 (sqft)		4403 Btuh			
Doors	Type			Area (sqft)		HTM		Load			
	1	Insulated - Exterior			40.0		9.8		392 Btuh		
	2	Insulated - Adjacent			20.0		9.8		196 Btuh		
	Door Total					60 (sqft)		588 Btuh			
Ceilings	Type/Color/Surface	R-Value		Area(sqft)		HTM		Load			
	1	Vented Attic/Light/Tile	30.0		4525.0		0.9		3891 Btuh		
	Ceiling Total					4525 (sqft)		3891 Btuh			
Floors	Type	R-Value		Size		HTM		Load			
	1	Slab On Grade	5.0		360 (ft(p))		0.0		0 Btuh		
	Floor Total					360.0 (sqft)		0 Btuh			
	Envelope Subtotal:									40790 Btuh	
Infiltration	Type	ACH		Volume(cuft)		wall area(sqft)		CFM=		Load	
	SensibleNatural	0.70		40320		2936		537.6		8755 Btuh	
Internal gain	Occupants		Btuh/occupant		Appliance		Load				
	10		X 230 +		3200		5500 Btuh				
	Sensible Envelope Load:									55045 Btuh	
Duct load	(DGM of 0.126)									6911 Btuh	
	Sensible Load All Zones									61956 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
- CEMJAT

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/18/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	55045 Btuh
	Sensible Duct Load	6911 Btuh
	Total Sensible Zone Loads	61956 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	61956 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	17191 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1270 Btuh
	Latent occupant gain (10 people @ 200 Btuh per person)	2000 Btuh
	Latent other gain	0 Btuh
	Latent total gain	20461 Btuh
	TOTAL GAIN	82416 Btuh

EQUIPMENT

1. Central Unit	#	44000 Btuh
2. Central Unit	#	43000 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)



Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Project Title:

CEMJAT

Code Only

Professional Version

Climate: North

Lake City, FL 32025-

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

1/18/2008

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	N	1.5ft	10ft.	144.0	0.0	144.0	29	29	4171	Btuh
2	2, Clear, 0.87, None,N,N	W	5.5ft	10ft.	30.0	2.8	27.2	29	80	2243	Btuh
3	2, Clear, 0.87, None,N,N	W	12.5f	10ft.	40.0	40.0	0.0	29	80	1158	Btuh
4	2, Clear, 0.87, None,N,N	S	7.5ft	10ft.	24.0	24.0	0.0	29	34	695	Btuh
5	2, Clear, 0.87, None,N,N	N	1.5ft	10ft.	6.0	0.0	6.0	29	29	174	Btuh
6	2, Clear, 0.87, None,N,N	E	1.5ft	10ft.	216.0	0.0	216.0	29	80	17176	Btuh
7	2, Clear, 0.87, None,N,N	E	20ft.	12ft.	84.0	84.0	0.0	29	80	2433	Btuh
8	2, Clear, 0.87, None,N,N	E	20ft.	12ft.	48.0	48.0	0.0	29	80	1390	Btuh
9	2, Clear, 0.87, None,N,N	S	1.5ft	10ft.	72.0	66.1	5.9	29	34	2113	Btuh
10	2, Clear, 0.87, None,N,N	S	1.5ft	10ft.	12.0	10.0	2.0	29	34	357	Btuh
Window Total					676 (sqft)					31908 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)		HTM		Load			
1	Frame - Wood - Ext	19.0/0.08		2776.0		1.5		4162 Btuh			
2	Frame - Wood - Adj	13.0/0.09		160.0		1.5		241 Btuh			
Wall Total				2936 (sqft)				4403 Btuh			
Doors	Type			Area (sqft)		HTM		Load			
1	Insulated - Exterior			40.0		9.8		392 Btuh			
2	Insulated - Adjacent			20.0		9.8		196 Btuh			
Door Total				60 (sqft)				588 Btuh			
Ceilings	Type/Color/Surface	R-Value		Area(sqft)		HTM		Load			
1	Vented Attic/Light/Tile	30.0		4525.0		0.9		3891 Btuh			
Ceiling Total				4525 (sqft)				3891 Btuh			
Floors	Type	R-Value		Size		HTM		Load			
1	Slab On Grade	5.0		360 (ft(p))		0.0		0 Btuh			
Floor Total				360.0 (sqft)				0 Btuh			
Zone Envelope Subtotal:									40790 Btuh		
Infiltration	Type	ACH		Volume(cuft)		wall area(sqft)		CFM=		Load	
	SensibleNatural	0.70		40320		2936		470.4		8755 Btuh	
Internal gain		Occupants		Btuh/occupant		Appliance		Load			
		10		X 230 +		3200		5500 Btuh			
Sensible Envelope Load:									55045 Btuh		
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)						(DGM of 0.126)		6911 Btuh		
Sensible Zone Load									61956 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title:
CEMJAT

Code Only
Professional Version
Climate: North

Lake City, FL 32025-

1/18/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	55045 Btuh
	Sensible Duct Load	6911 Btuh
	Total Sensible Zone Loads	61956 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	61956 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	17191 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1270 Btuh
	Latent occupant gain (10 people @ 200 Btuh per person)	2000 Btuh
	Latent other gain	0 Btuh
	Latent total gain	20461 Btuh
	TOTAL GAIN	82416 Btuh

EQUIPMENT

1. Central Unit	#	44000 Btuh
2. Central Unit	#	43000 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)



Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Project Title:
- CEMJAT

Lake City, FL 32025-

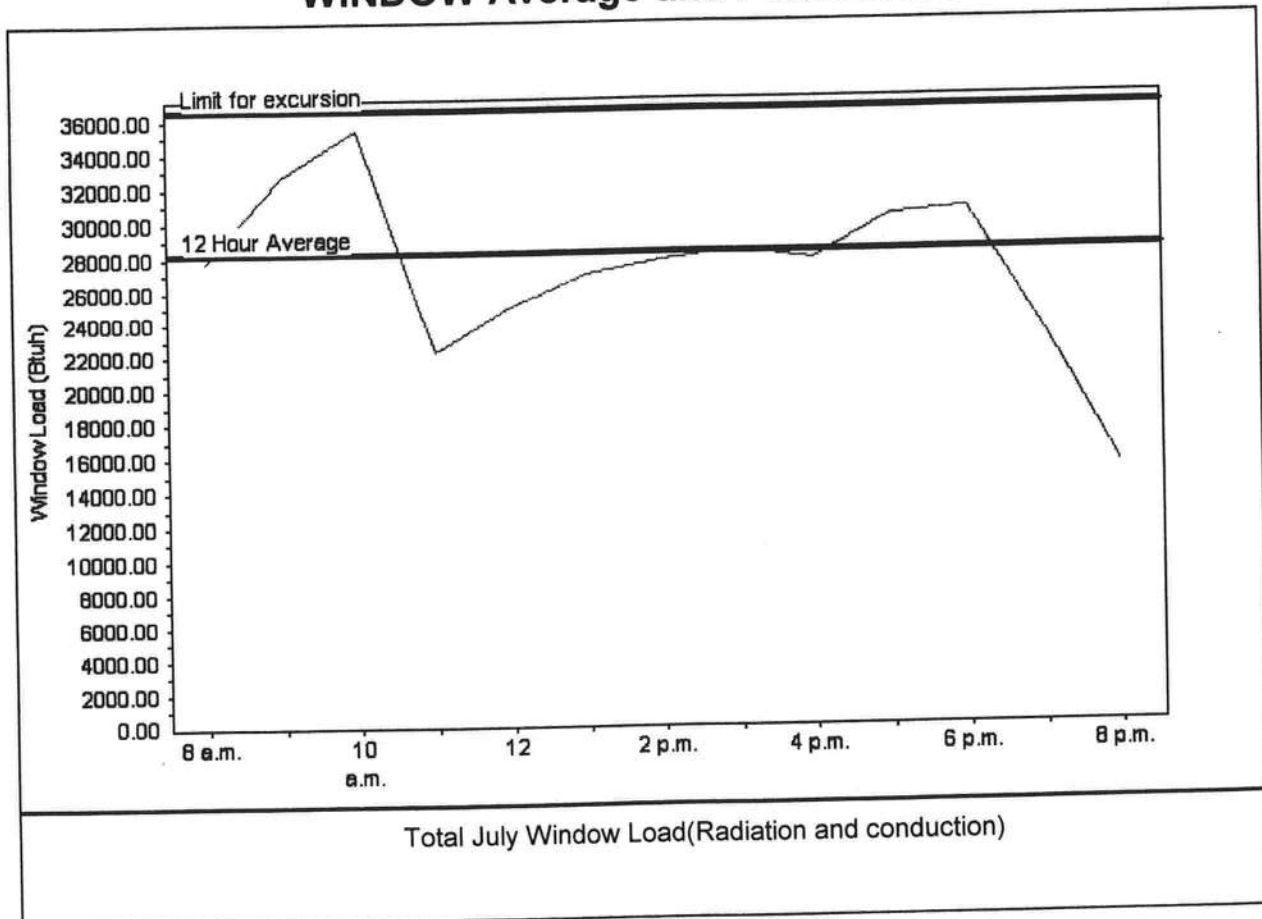
Code Only
Professional Version
Climate: North

1/18/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	28149 Btu
Summer setpoint	75 F	Peak window load for July	35439 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	36594 Btu
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

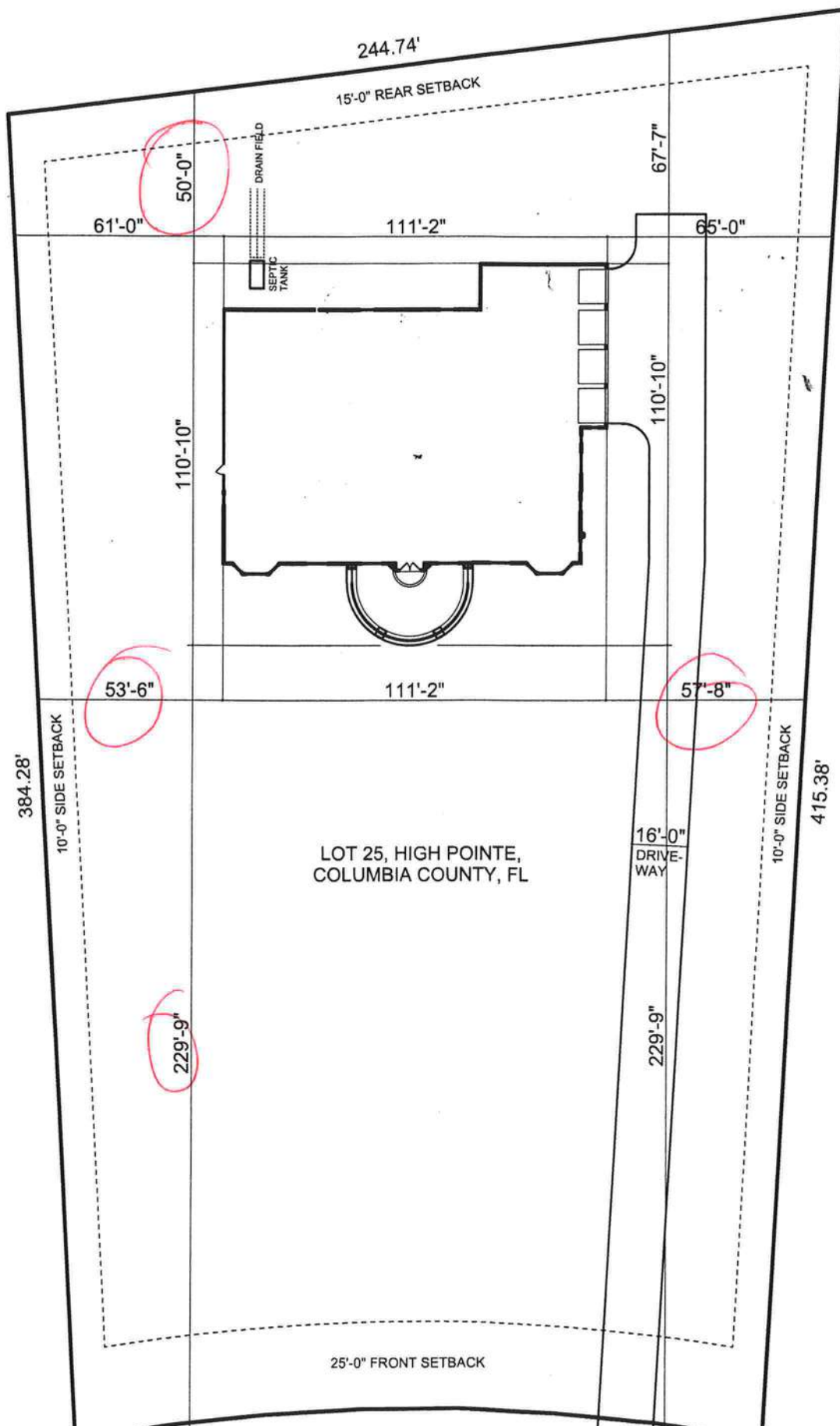
EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v4.5.2





Jan 10 2008 8:27AM

BLAKE#CONSTRUCTION#CO.

3867196708

p. 2

**PAT LYNCH
LYNCH DRILLING CORP.**

P. O. BOX 934
BRANFORD, FL 32008
(386) 935-1076 PHONE
(386) 935-1199 FAX

DATE: 1-17-08

CUSTOMER: Cemjat

LOCATION: Lot 25 High Pointe

WE WILL CONSTRUCT A 4' WATER WELL COMPLETE WITH 4" BLACK WATER WELL STEEL CASING, IHP SUBMERSIBLE PUMP (20GPM) WITH 1 1/4" GALVANIZED DROP PIPE, AND AN 81 GALLON CAPTIVE AIR TANK (21.9 GALLON DRAWDOWN)

WELL WILL BE COMPLETE AT THE WELL SITE. WE DO NOT INCLUDE ELECTRICAL NOR PLUMBING CONNECTIONS FROM THE WELL TO THE HOME AND/OR POWER POLE.

ANY VARIATIONS OF THE ABOVE ARE SUBJECT TO APPROVAL FROM THE CUSTOMER AND/OR CONTRACTOR PRIOR TO COMMENCEMENT OF THE INDIVIDUAL JOB.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	CEMJAT, UC	Builder:	..
Address:	Lot: 25, Sub: High Pointe S/D, Plat:	Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	
Owner:		Jurisdiction Number:	
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 44.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	5	b. Central Unit	Cap: 43.0 kBtu/hr
5. Is this a worst case?	No		SEER: 13.00
6. Conditioned floor area (ft²)	4032 ft²	c. N/A	
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: 44.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 676.0 ft²		HSPF: 7.70
b. SHGC:		b. Electric Heat Pump	Cap: 43.0 kBtu/hr
(or Clear or Tint DEFAULT)	7b. (Clear) 676.0 ft²		HSPF: 7.70
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=5.0, 360.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 80.0 gallons
c. N/A			EF: 0.92
9. Wall types		b. Electric Resistance	Cap: 80.0 gallons
a. Frame, Wood, Exterior	R=19.0, 2776.0 ft²		EF: 0.92
b. Frame, Wood, Adjacent	R=13.0, 160.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	PT,
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 4525.0 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts(Leak Free)		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 65.0 ft		
b. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 65.0 ft		

Glass/Floor Area: 0.17

Total as-built points: 40523

Total base points: 50098

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: 1-18-08

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

OWNER/AGENT: [Signature]

DATE: 1-22-08

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: 25, Sub: High Pointe S/D, Plat: , Lake City, FL, 32025-

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	4032.0	18.59	13492.0	1.Double, Clear	N	1.5	10.0	144.0	19.20	0.98	2714.0
				2.Double, Clear	W	5.5	10.0	30.0	38.52	0.70	808.0
				3.Double, Clear	W	12.5	10.0	40.0	38.52	0.48	736.0
				4.Double, Clear	S	7.5	10.0	24.0	35.87	0.57	486.0
				5.Double, Clear	N	1.5	10.0	6.0	19.20	0.98	113.0
				6.Double, Clear	E	1.5	10.0	216.0	42.06	0.98	8888.0
				7.Double, Clear	E	20.0	12.0	84.0	42.06	0.41	1458.0
				8.Double, Clear	E	20.0	12.0	48.0	42.06	0.41	833.0
				9.Double, Clear	S	1.5	10.0	72.0	35.87	0.96	2479.0
				10.Double, Clear	S	1.5	10.0	12.0	35.87	0.96	413.0
				As-Built Total:				676.0		18928.0	
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	160.0	0.70	112.0	1. Frame, Wood, Exterior	19.0		2776.0	0.90		2498.4	
Exterior	2776.0	1.70	4719.2	2. Frame, Wood, Adjacent	13.0		160.0	0.60		96.0	
Base Total:		2936.0	4831.2	As-Built Total:				2936.0		2594.4	
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	20.0	2.40	48.0	1.Exterior Insulated			40.0	4.10		164.0	
Exterior	40.0	6.10	244.0	2.Adjacent Insulated			20.0	1.60		32.0	
Base Total:		60.0	292.0	As-Built Total:				60.0		196.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	4032.0	1.73	6975.4	1. Under Attic	30.0		4525.0	1.73 X 1.00		7828.3	
Base Total:		4032.0	6975.4	As-Built Total:				4525.0		7828.3	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	360.0(p)	-37.0	-13320.0	1. Slab-On-Grade Edge Insulation	5.0		360.0(p)	-36.20		-13032.0	
Raised	0.0	0.00	0.0								
Base Total:			-13320.0	As-Built Total:				360.0		-13032.0	
INFILTRATION Area X BSPM = Points								Area X SPM = Points			
		4032.0	10.21					4032.0		10.21 41166.7	

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 25, Sub: High Pointe S/D, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 53437.3				Summer As-Built Points: 57681.4						
Total Summer Points	X System Multiplier	=	Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (1.09 x 1.000 x 0.91)	X System Multiplier	X Credit Multiplier	=	Cooling Points
				(sys 1: Central Unit 44000btuh , SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
				57681	0.51	(1.09 x 1.000 x 0.91)	0.260	0.950		7147.2
				(sys 2: Central Unit 43000btuh , SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
				57681	0.49	(1.09 x 1.000 x 0.91)	0.260	0.950		6984.7
53437.3	0.3250		17367.1	57681.4	1.00	0.992	0.260	0.950		14131.9

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 25, Sub: High Pointe S/D, Plat: , Lake City, FL, 32025-

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	4032.0	20.17	14639.0	1.Double, Clear	N	1.5	10.0	144.0	24.58	1.00	3539.0
				2.Double, Clear	W	5.5	10.0	30.0	20.73	1.10	681.0
				3.Double, Clear	W	12.5	10.0	40.0	20.73	1.19	987.0
				4.Double, Clear	S	7.5	10.0	24.0	13.30	2.27	723.0
				5.Double, Clear	N	1.5	10.0	6.0	24.58	1.00	147.0
				6.Double, Clear	E	1.5	10.0	216.0	18.79	1.01	4110.0
				7.Double, Clear	E	20.0	12.0	84.0	18.79	1.42	2238.0
				8.Double, Clear	E	20.0	12.0	48.0	18.79	1.42	1279.0
				9.Double, Clear	S	1.5	10.0	72.0	13.30	1.01	969.0
				10.Double, Clear	S	1.5	10.0	12.0	13.30	1.01	161.0
				As-Built Total:				676.0	14834.0		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	160.0	3.60	576.0	1. Frame, Wood, Exterior	19.0		2776.0	2.20	6107.2		
Exterior	2776.0	3.70	10271.2	2. Frame, Wood, Adjacent	13.0		160.0	3.30	528.0		
Base Total:				2936.0		10847.2		As-Built Total: 2936.0 6635.2			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	20.0	11.50	230.0	1.Exterior Insulated			40.0	8.40	336.0		
Exterior	40.0	12.30	492.0	2.Adjacent Insulated			20.0	8.00	160.0		
Base Total:				60.0		722.0		As-Built Total: 60.0 496.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	4032.0	2.05	8265.6	1. Under Attic	30.0		4525.0	2.05 X 1.00	9276.3		
Base Total:				4032.0		8265.6		As-Built Total: 4525.0 9276.3			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	360.0(p)	8.9	3204.0	1. Slab-On-Grade Edge Insulation	5.0		360.0(p)	7.60	2736.0		
Raised	0.0	0.00	0.0								
Base Total:				3204.0		As-Built Total:		360.0		2736.0	
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
4032.0 -0.59 -2378.9								4032.0 -0.59 -2378.9			

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 25, Sub: High Pointe S/D, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		35298.9		Winter As-Built Points:				31598.6		
Total Winter Points	X Multiplier	System Multiplier	= Heating Points	Total Component (System - Points)	X Ratio (DM x DSM x AHU)	Cap Multiplier	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
				(sys 1: Electric Heat Pump 44000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0 31598.6 0.506 (1.069 x 1.000 x 0.93)0.443 0.950 6684.2 (sys 2: Electric Heat Pump 43000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(AH),R6.0 31598.6 0.494 (1.069 x 1.000 x 0.93)0.443 0.950 6532.3						
35298.9		0.5540	19555.6	31598.6	1.00	0.994	0.443	0.950		13216.5

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 25, Sub: High Pointe S/D, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit = Total Multiplier
Number of Bedrooms	X	Multiplier	= Total						
5		2635.00	13175.0	80.0	0.92	5	0.50	2635.00	1.00 6587.5
				80.0	0.92	5	0.50	2635.00	1.00 6587.5
				As-Built Total:					13175.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
17367		19556		13175 50098	14132		13216		13175 40523

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 25, Sub: High Pointe S/D, Plat: , Lake City, FL, 32025-

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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.9

The higher the score, the more efficient the home.

Lot: 25, Sub: High Pointe S/D, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 44.0 kBtu/hr
3. Number of units, if multi-family	1	SEER: 13.00	
4. Number of Bedrooms	5	b. Central Unit	Cap: 43.0 kBtu/hr
5. Is this a worst case?	No	SEER: 13.00	
6. Conditioned floor area (ft ²)	4032 ft ²	c. N/A	
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT)	7a. (Dble Default) 676.0 ft ²	a. Electric Heat Pump	Cap: 44.0 kBtu/hr
b. SHGC:		HSPF: 7.70	
(or Clear or Tint DEFAULT)	7b. (Clear) 676.0 ft ²	b. Electric Heat Pump	Cap: 43.0 kBtu/hr
8. Floor types		HSPF: 7.70	
a. Slab-On-Grade Edge Insulation	R=5.0, 360.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 80.0 gallons
a. Frame, Wood, Exterior	R=19.0, 2776.0 ft ²	EF: 0.92	
b. Frame, Wood, Adjacent	R=13.0, 160.0 ft ²	b. Electric Resistance	Cap: 80.0 gallons
c. N/A		EF: 0.92	
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 4525.0 ft ²	15. HVAC credits	PT,
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts(Leak Free)		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 65.0 ft	MZ-C-Multizone cooling,	
b. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 65.0 ft	MZ-H-Multizone heating)	

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: FLRCPB v4.5.2)

Energy Code Compliance

Duct System Performance Report

Project Name: _____ - CEMJAT Address: _____ City, State: Lake City, FL 32025- Owner: _____ Climate Zone: North	Builder: _____ Permitting Office: _____ Permit Number: _____ Jurisdiction Number: _____
--	--

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) ☐ Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) ☐ Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____

Printed Name: _____

Florida Rater Certification #: _____

DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: <http://energygauge.com/search.htm>



BUILDING OFFICIAL: _____

DATE: _____

Osceola Title
Box

This Instrument Prepared by & return to:

Name: Osceola Title of North Florida, LLC

Address: 310 North Ohio Avenue

Live Oak, FL 32064

7L-00098

Parcel I.D. #: Part of 20-3S-16-02203-003

Inst: 200712019712 Date: 8/30/2007 Time: 9:35 AM

Doc Stamp Deed: 559.30

DC, P. DeWitt Cason, Columbia County Page 1 of 2

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

THIS WARRANTY DEED Made the 23rd day of August, A.D. 2007, by **KEVIN H. GRAY** and **HEATHER GRAY**, husband and wife, hereinafter called the grantors, to **CEMJAT, LLC**, a Florida Limited Liability Company, having its principal place of business at **P. O. Box 2691, Lake City, FL 32056**, hereinafter called the grantee:

(Wherever used herein the terms "grantors" and "grantee" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantors, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee all that certain land situate in **Columbia County, State of Florida**, viz:

Lot 25, HIGH POINTE, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 15-18 of the public records of Columbia County, Florida.

SUBJECT TO TAXES FOR THE YEAR 2007 AND SUBSEQUENT YEARS, RESTRICTIONS, RESERVATIONS, COVENANTS AND EASEMENTS OF RECORD, IF ANY.

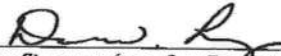
Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold the same in fee simple forever.

And the grantors hereby covenant with said grantee that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2006.

In Witness Whereof, the said grantors have signed and sealed these presents, the day and year first above written.

Signed, sealed and delivered in the presence of:

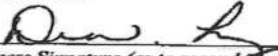

Witness Signature (as to first Grantor)

DAWNIA W. LANG

Printed Name

Kelly Bailey
Witness Signature (as to first Grantor)

KELLY BAILEY
Printed Name


Witness Signature (as to second Grantor)

DAWNIA W. LANG

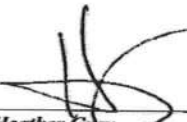
Printed Name

Kelly Bailey
Witness Signature (as to second Grantor)

KELLY BAILEY
Printed Name

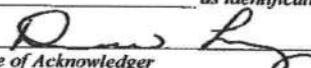
 L.S.
Kevin H. Gray

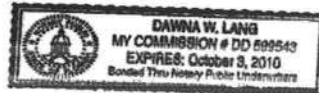
Address:
464 Shortleaf Drive, Lake City, FL 32024

 L.S.
Heather Gray
Address:
464 Shortleaf Drive, Lake City, FL 32024

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 23rd day of August, 2007, by Kevin H. Gray and Heather Gray, who are known to me or who have produced _____ as identification.


Signature of Acknowledger
My commission expires _____





• Engineering
• Geotechnical
• Environmental
Laboratories

Cal-Tech Testing, Inc.

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)756-3633 • Fax(386)752-5456
4784 Roselle St., Jacksonville, FL 32254 • Tel(904)381-8901 • Fax(904)381-8902

26693

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 08-00437-01
DATE TESTED: 8/25/08
DATE REPORTED: 8/29/08

PROJECT:	Lot 25-High Pointe Farms, Lake City, FL	
CLIENT:	Blake Construction Company of North FL, 3101 West US Hwy 90 #102, Lake City, FL 32055	
GENERAL CONTRACTOR:	Blake Construction Company of North FL	
EARTHWORK CONTRACTOR:	Blake Construction Company of North FL	
INSPECTOR:	Chad Day	
ASTM METHOD	SOIL USE	
(D-2922) Nuclear	BUILDING FILL	
SPECIFIED REQUIREMENTS: 95%		

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft ³)	MOISTURE PERCENT	DRY DENSITY (lb/ft ³)	PROCTOR TEST NO.	PROCTOR VALUE	MAXIMUM DENSITY
1	SW Edge of Pad, 55' North x 87' West	0-12"	118.1	7.5	108.0	1	110.3	98%
2	West Side Center, 40'E x 84'N of South End	0-12"	118.8	10.6	107.4	1	110.3	97%
3	North End Center, 40'S x 80'W of East Side	0-12"	118.2	11.4	106.1	1	110.3	96%
4	East Side Center, 75'W	0-12"	121.4	7.2	113.2	1	110.3	103%

REMARKS: The Above Tests Meet Specified Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
1	Tan Fine Sand	110.3	10.2	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda Creamer, CEO, DBE

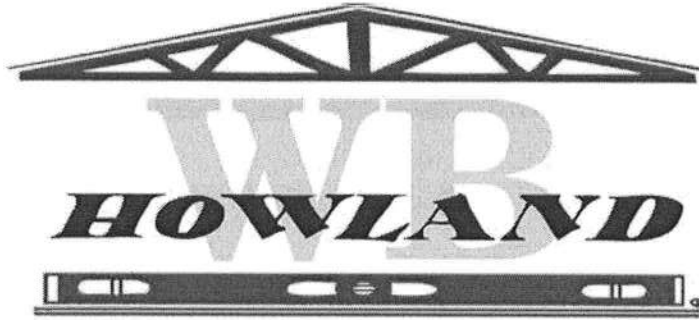
Linda M. Creamer
President • CEO

sw

Reviewed By:

[Signature]
Date: 8/29/08
Licensed, Florida No: 57842

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.



Hardware & Building Materials

Roof & Floor Trusses

Equipment Rental

P.O. Box 700

Live Oak, Fl. 32064

(386) 362-1235

Fax (386) 362-7124

www.WBHowland.com

1/14/08

Job Number: 5149

Job Name: Blake Const. / Dr. Trott Res.

Please find two sets of sealed drawings and a layout for roof only for permitting. Also enclosed is another set of sealed drawings, a layout, notes. etc. for *your* review.

Please review the enclosed carefully because although we have made our best effort, plans can be—even with the best effort of a skilled plan designer---inconclusive, and open to interpretation in critical areas.

Please do not hesitate to call us with any questions you may have.

Unless you the contractor request that changes be made prior to fabrication, trusses will be built in strict accordance with the enclosed layout and drawings.

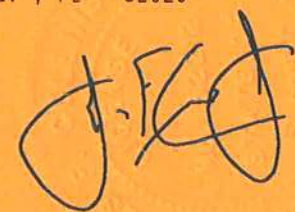
If you have any questions please call.

We appreciate your business!

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:ITE1215-Z0711072135

Truss Fabricator: W.B. Howland
Job Identification: 5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025
Truss Count: 96
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.38, 7.40.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
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: HCUSR215

Seal Date: 01/11/2008

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Details: CNBRGBLK-BCFILLER-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	83782--A1		08010049	01/10/08
2	83783--A2		08010057	01/10/08
3	83784--A3		08010067	01/10/08
4	83785--A4		08010073	01/10/08
5	83786--A5		08011048	01/11/08
6	83787--A6		08011037	01/11/08
7	83788--A7		08011038	01/11/08
8	83789--A8		08010053	01/10/08
9	83790--A9		08010052	01/10/08
10	83791--A10		08010060	01/10/08
11	83792--A11		08010061	01/10/08
12	83793--A12		08010080	01/10/08
13	83794--A13		08010062	01/10/08
14	83795--A14		08010063	01/10/08
15	83796--A15		08010064	01/10/08
16	83797--A16		08010065	01/10/08
17	83798--A17		08010059	01/10/08
18	83799--A18		08010058	01/10/08
19	83800--A19		08010056	01/10/08
20	83801--A20		08010055	01/10/08
21	83802--A21		08010071	01/10/08
22	83803--A22		08010070	01/10/08
23	83804--A23		08010068	01/10/08
24	83805--A24		08010239	01/10/08
25	83806--A25		08011049	01/11/08
26	83807--A26		08010077	01/10/08
27	83808--A27		08010076	01/10/08
28	83809--A28		08010078	01/10/08
29	83810--A29		08010079	01/10/08
30	83811--A30		08010091	01/10/08
31	83812--A31		08011047	01/11/08
32	83813--A32		08010084	01/10/08
33	83814--A33		08010083	01/10/08
34	83815--A34		08010082	01/10/08
35	83816--A35		08010081	01/10/08
36	83817--A36		08011045	01/11/08
37	83818--A37		08011046	01/11/08
38	83819--A38		08011039	01/11/08

#	Ref	Description	Drawing#	Date
39	83820--A39		08011040	01/11/08
40	83821--A40		08011041	01/11/08
41	83822--A41		08010237	01/10/08
42	83823--A42		08010238	01/10/08
43	83824--A43		08011042	01/11/08
44	83825--A44		08011043	01/11/08
45	83826--A45		08011044	01/11/08
46	83827--A46		08011001	01/11/08
47	83828--A47		08011002	01/11/08
48	83829--A48		08011003	01/11/08
49	83830--A49		08011004	01/11/08
50	83831--A50		08011005	01/11/08
51	83832--A51		08011006	01/11/08
52	83833--A52		08011007	01/11/08
53	83834--A53		08011008	01/11/08
54	83835--A54		08011009	01/11/08
55	83836--A55		08011010	01/11/08
56	83837--A56		08011011	01/11/08
57	83838--A57		08011012	01/11/08
58	83839--A58		08011013	01/11/08
59	83840--A59		08011014	01/11/08
60	83841--A60		08011015	01/11/08
61	83842--A61		08011016	01/11/08
62	83843--A62		08011017	01/11/08
63	83844--A63		08011018	01/11/08
64	83845--A64		08011019	01/11/08
65	83846--A65		08011020	01/11/08
66	83847--A66		08011021	01/11/08
67	83848--A67		08011022	01/11/08
68	83849--A68		08011023	01/11/08
69	83850--A69		08011024	01/11/08
70	83851--A70		08011025	01/11/08
71	83852--A71		08011026	01/11/08
72	83853--A72		08010090	01/10/08
73	83854--JC1		08011027	01/11/08
74	83855--JC3		08010089	01/10/08
75	83856--JC5		08010087	01/10/08
76	83857--JC1A		08011028	01/11/08

#	Ref	Description	Drawing#	Date
77	83858--JC3A		08010050	01/10/08
78	83859--JC3B		08010074	01/10/08
79	83860--JC3C		08011029	01/11/08
80	83861--JC5A		08010092	01/10/08
81	83862--JC5B		08011030	01/11/08
82	83863--JC5C		08010072	01/10/08
83	83864--JC5D		08010085	01/10/08
84	83865--JC5E		08010086	01/10/08
85	83866--JE5		08010054	01/10/08
86	83867--JE7		08010051	01/10/08
87	83868--JE7A		08011031	01/11/08
88	83869--JE7B		08010066	01/10/08
89	83870--JE7C		08011032	01/11/08
90	83871--JE7D		08010075	01/10/08
91	83872--JE7E		08010088	01/10/08
92	83873--JH3		08010069	01/10/08
93	83874--JH7		08011033	01/11/08
94	83875--JH10		08011034	01/11/08
95	83876--JH10A		08011035	01/11/08
96	83877--JH10B		08011036	01/11/08



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:ITE1215-Z0711072135

Truss Fabricator: W.B. Howland
Job Identification: 5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025
Truss Count: 3
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Versions 7.38, 7.40.
Structural Engineer of Record:
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: HCUSR215

Seal Date: 01/11/2008

-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	83832--A51		08011006	01/11/08
2	83862--JC5B		08011030	01/11/08
3	83877--JH10B		08011036	01/11/08

ALPINE



Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 Dense
Webs 2x4 SP #2 N

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

Wind reactions based on MWFRS pressures.

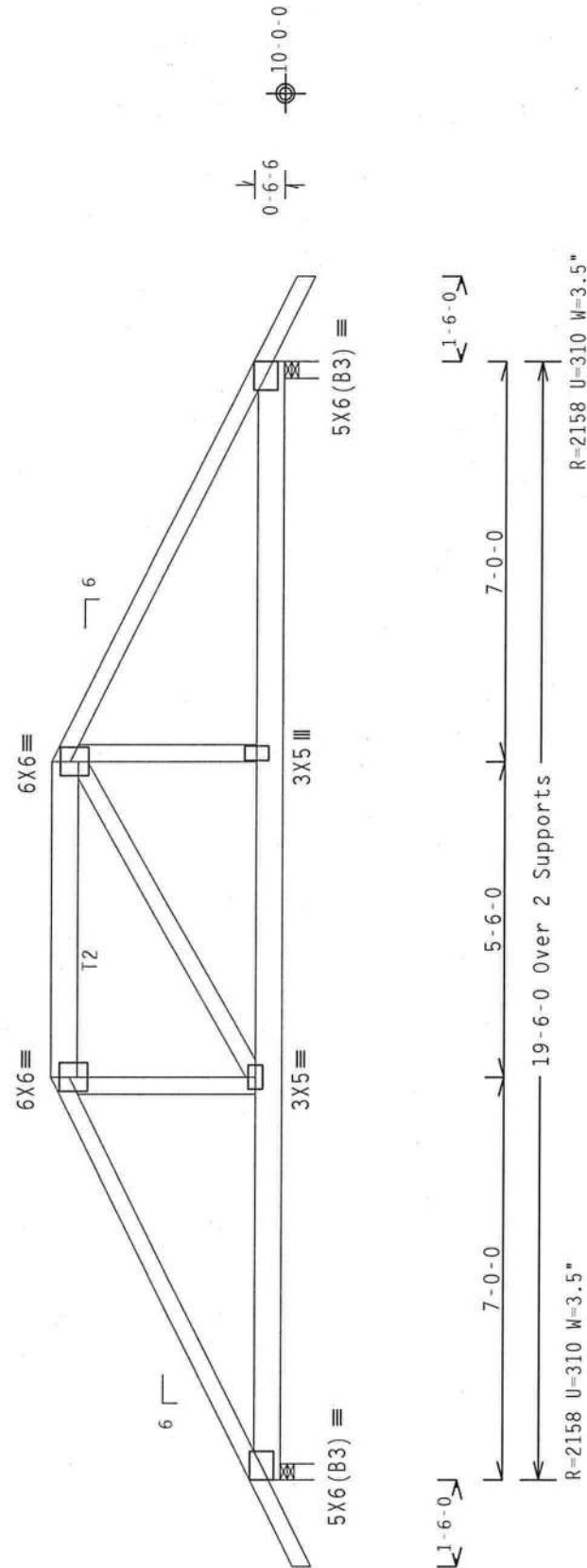
Deflection meets L/240 live and L/180 total load.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -1.50 to 62 PLF at 7.00
TC - From 62 PLF at 7.00 to 62 PLF at 12.50
TC - From 62 PLF at 12.50 to 62 PLF at 21.00
BC - From 20 PLF at 0.00 to 20 PLF at 19.50
TC - 195 LB Conc. Load at 7.06, 9.06, 10.44, 12.44
BC - 794 LB Conc. Load at 7.00, 12.50
BC - 79 LB Conc. Load at 9.06, 10.44

The overall height of this truss excluding overhang is 4-0-6.



Design Crit: TPI-2002(STD)/FBC

$C_q/R_T=1.00(1.25)/0(0)$

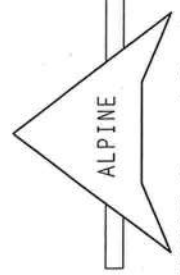
QTY:1

FL/-/5/-/-/R/-

Scale = .3125"/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, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (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. ITW BCG DESIGNER HAS REVIEWED THIS TRUSS AND HAS DETERMINED THAT IT MEETS THE REQUIREMENTS OF THE DESIGN. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC. 2. THE DESIGN 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

PLT TYP. Wave

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"

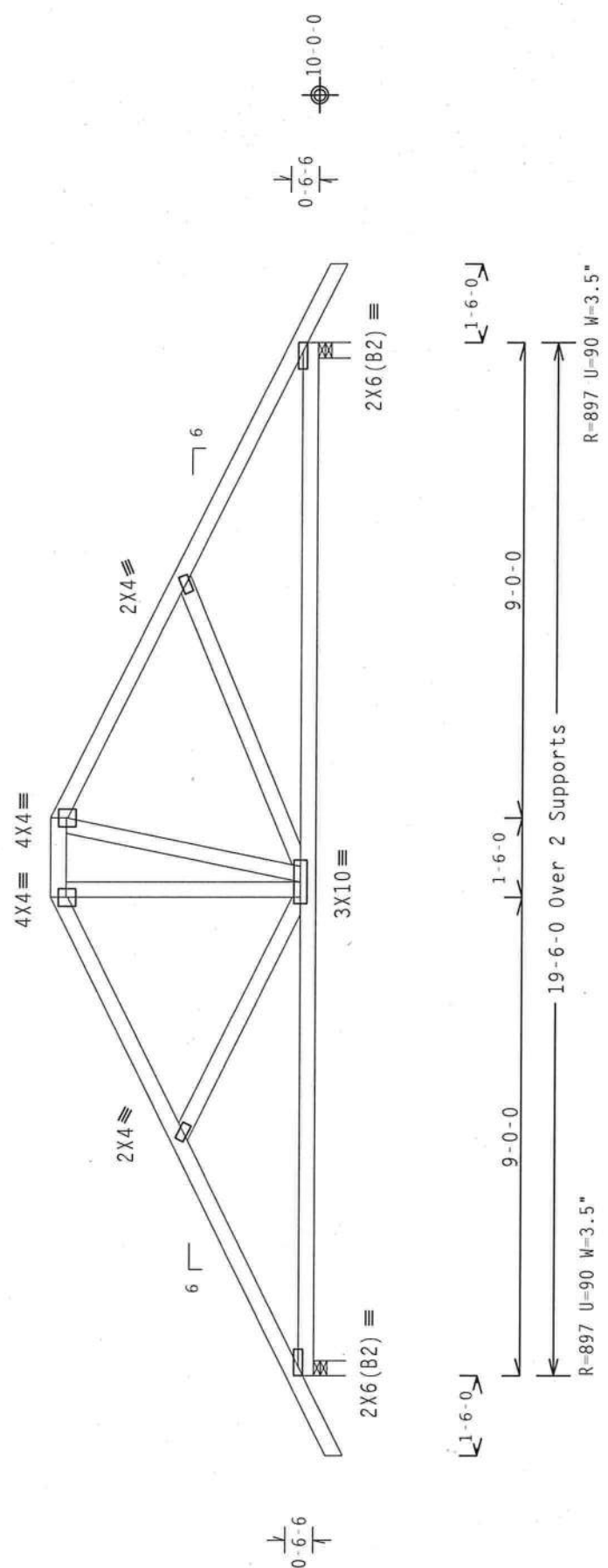
REF	R215--	83782
DATE	01/10/08	
DRW	HCUSR215	08010049
HC-ENG	EC/WHK	
SEON-	96441	
FROM	CDM	
JREF-	1TE1215_Z07	

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

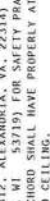
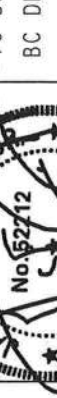
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 5-0-6.



Design Crit: TPI-2002(STD)/FBC

PLT	PLT TYP.	Wave	Cq/RT=1.00 (1.25) / 0(0)	7.38.0810	QTY: 1	FL / - 5 / - / - R / -	Scale = .3125" / Ft.
DESIGN CRIT:							
IP172002 (STD) / PBC							

 ITW Building Components Group, Inc. Haines City, FL 33844 License of Authorization #0278	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY ITW (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MTGA (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 CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC, BY AISC) AND TPI. 13W BCG CONNECTOR PLATES ARE MADE OF 2018T1660 (4-HYSS/PT) ASTM A653 GRADE 40/60 (4, 8/16, 25S) GALV. STEEL. APPLY TO ALL TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOR DEFECTS SHALL BE CONDUCTED UNDER AS OF 1/11/2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING FIDELITY. SUEPLY FOR THE TRUSS COMPONENT DESIGN SHALL. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.	 Jan 11 2006	TC LL	20.0	PSF	REF	R215--	83783
			TC DL	10.0	PSF	DATE	01/10/08	
			BC DL	10.0	PSF	DRW	HCUSR215	08010057
			BC LL	0.0	PSF	HC-ENG	EC/WHK	
			TOT.LD.	40.0	PSF	SEQN-	96266	
			DUR.FAC.	1.25		FROM	CDM	
			SPACING	24.0"		JREF-	1TE1215_207	

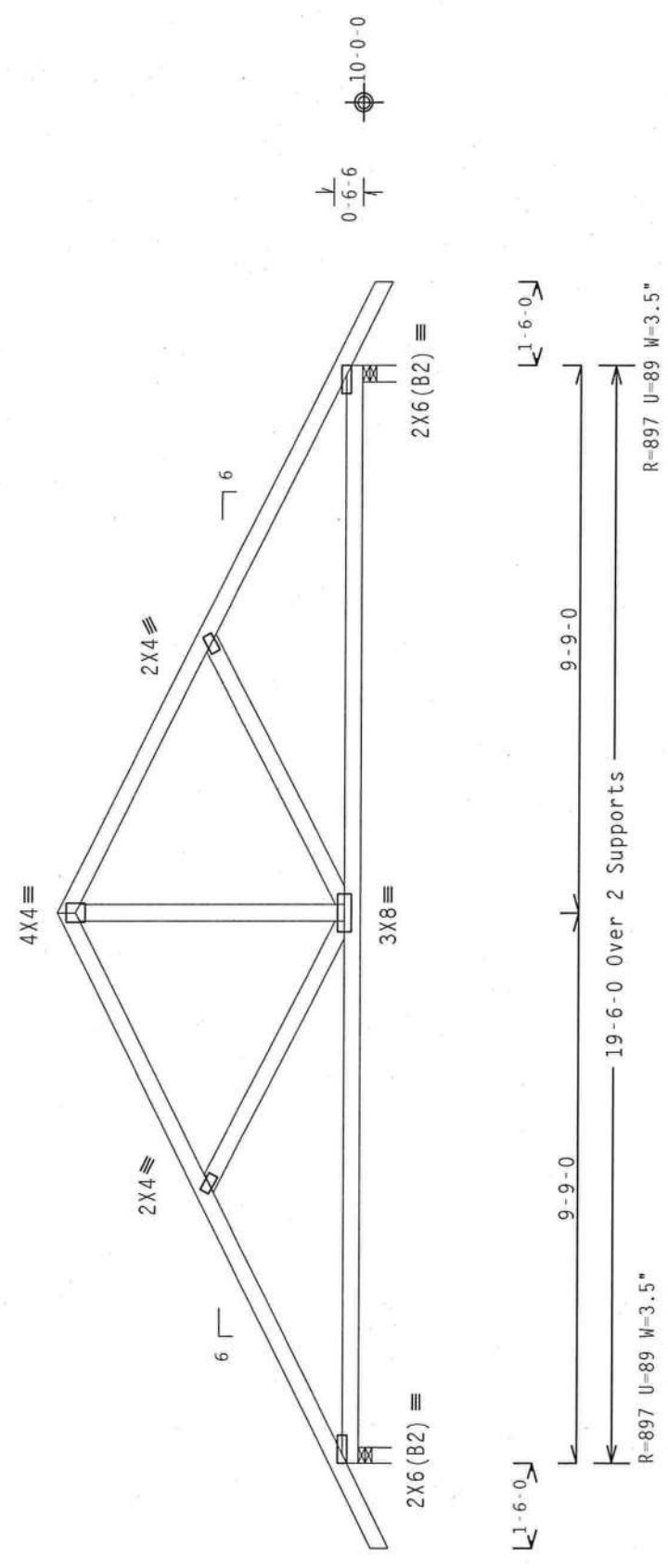
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5'-4"-14."



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave QTY: 10 FL/-/5/-/1-R/- Scale = .3125"/Ft.

	TC LL	20.0 PSF	REF R215-- 83784
	TC DL	10.0 PSF	DATE 01/10/08
	BC DL	10.0 PSF	DRW HCUSR215 08010067
	BC LL	0.0 PSF	HC-ENG EC/WHK
	TOT.LD.	40.0 PSF	SEQN- 96268
DUR.FAC. 1.25			FROM CDM
SPACING 24.0"			JREF- 1TE1215_Z07

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (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. ITW BCG PLATE CONNECTIONS ARE MADE IN ACCORDANCE WITH 2016/1678GA (M/J/SS/KS) ASTM A653 GRADE 40/60 (K4, K7/H/SS) GALV. STEEL. APPLY PLATE CONNECTIONS TO ALL TRUSS MEMBERS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS 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

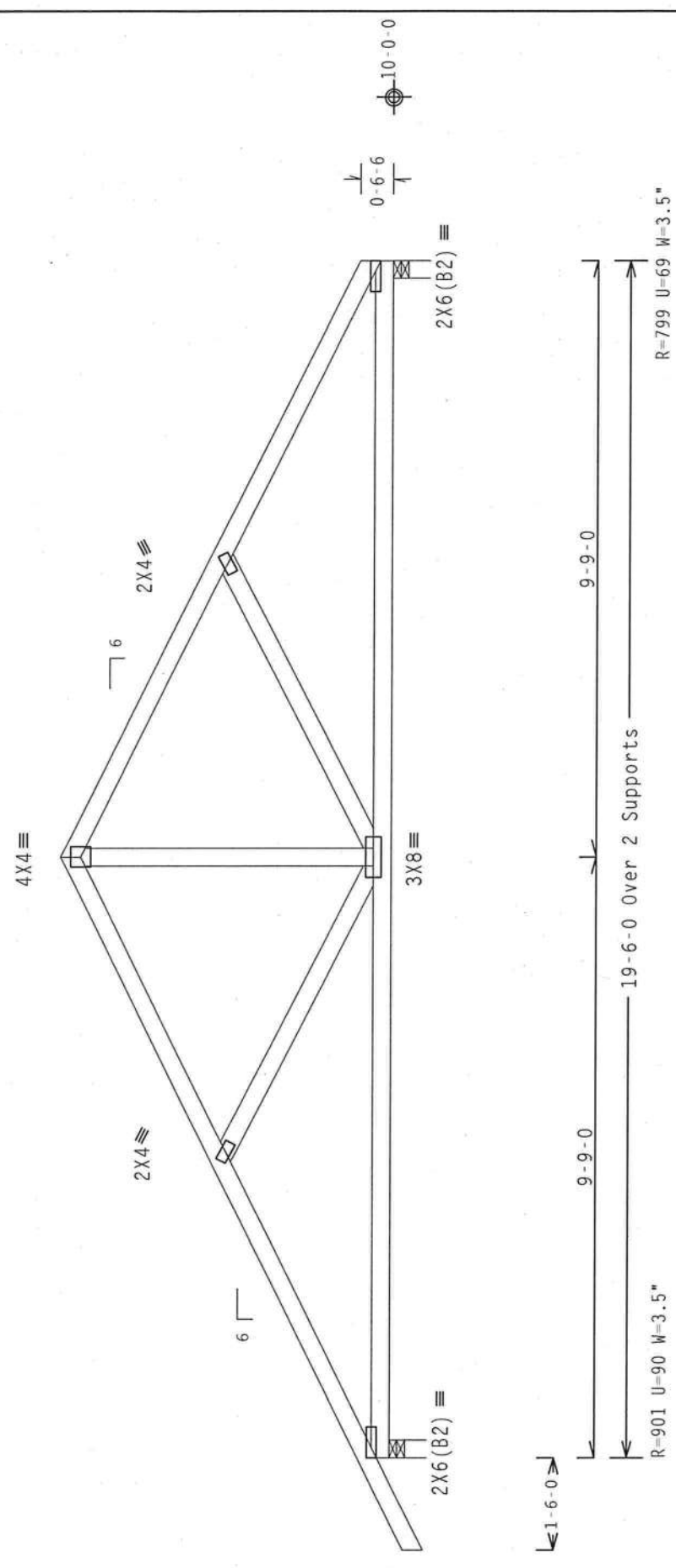
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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 GCpl(+/-)-0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 5'-4"-14".



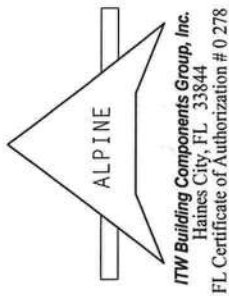
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 4	FL / - / 5 / - / - / R / -	Scale = .375" / Ft.
REF R215 -- 83785	TC LL	20.0 PSF	
DATE 01/10/08	TC DL	10.0 PSF	
DRW HCUSR215 08010073	BC DL	10.0 PSF	
HC-ENG EC/WHK	BC LL	0.0 PSF	*
SEON- 96270	TOT. LD.	40.0 PSF	
FROM CDM	DUR. FAC.	1.25	
JREF- 1TE1215_Z07	SPACING	24.0"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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, 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. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60) (4. K/H.55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY SHALL BE RESPONSIBLE 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.



Top chord 2x4 SP #2 N
Bot chord 2x8 SP SS
Webs 2x4 SP #2 N

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.50 to 62 PLF at 9.75
TC - From 62 PLF at 9.75 to 62 PLF at 19.50
BC - From 20 PLF at 0.00 to 20 PLF at 19.50
BC - 2796 LB Conc. Load at 5.06
BC - 1546 LB Conc. Load at 7.06, 9.06, 11.06, 13.06, 15.06
17.06, 19.06

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Deflection meets L/240 live and L/180 total load.

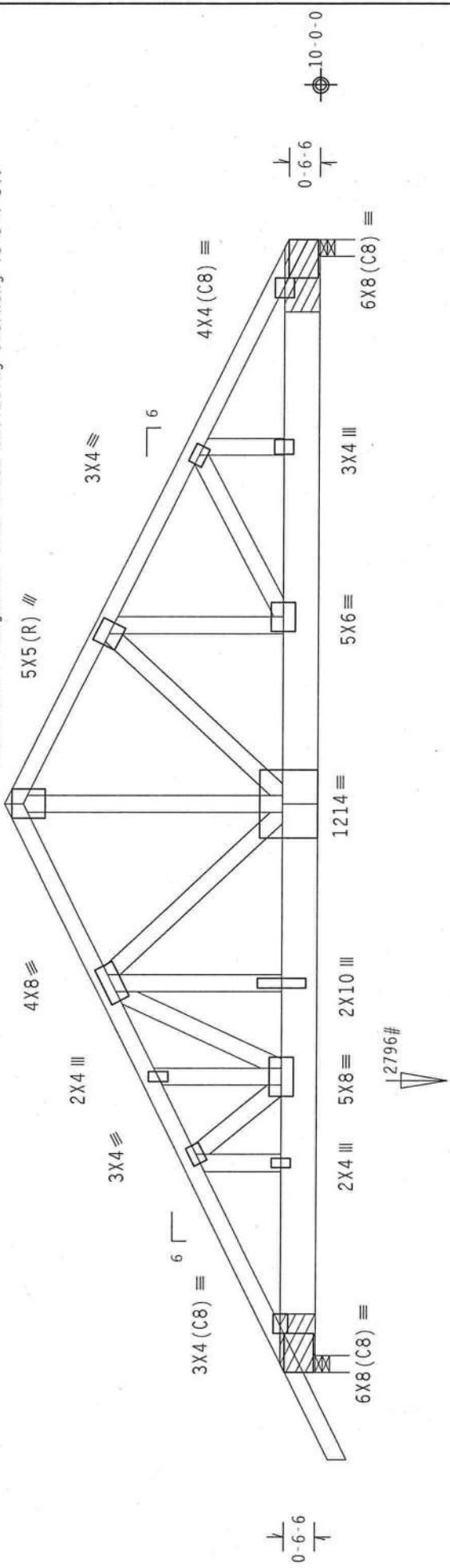
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @4.50" o.c. (Each Row)
Webs: 1 Row @4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Bearing blocks: Nail type: 0.131"x3" Gun_nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 12" 5 Rigid Surface
2 19.208' 1 15" 23 Rigid Surface
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGLK0207 for additional information.

Wind reactions based on MWFRS pressures.

7X6 = The overall height of this truss excluding overhang is 5'-4-14".



1'-6-0

9-9-0

9-9-0

19-6-0 Over 2 Supports

R=6526 U=702 W=3.5"

R=8792 U=945 W=3.5"

Design Crit: TPI-2002(STD)/FBC

Scale = .375" / Ft.

REF	R215--	83786
DATE	01/11/08	
DRW	HCUSR215	08011048
HC-ENG	RA/WHK	
SEQN-	96850	
FROM	CDM	
JREF-	1TE1215_Z07	

PLT TYP. Wave

QTY: 1 FL/-/5/-/-/R/-

TC LL 20.0 PSF

FC DL 10.0 PSF

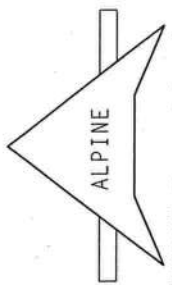
BC DL 10.0 PSF

BC LL 0.0 PSF

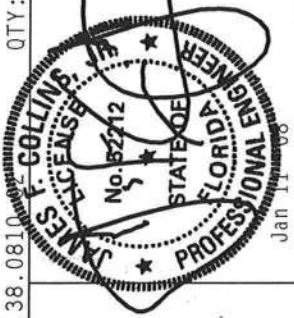
TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"



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



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.50 to 62 PLF at 6.92
TC - From 62 PLF at 6.92 to 62 PLF at 13.83
BC - From 20 PLF at 0.00 to 20 PLF at 13.83
BC - 2677 LB Conc. Load at 7.06

Wind reactions based on MMFRS pressures.

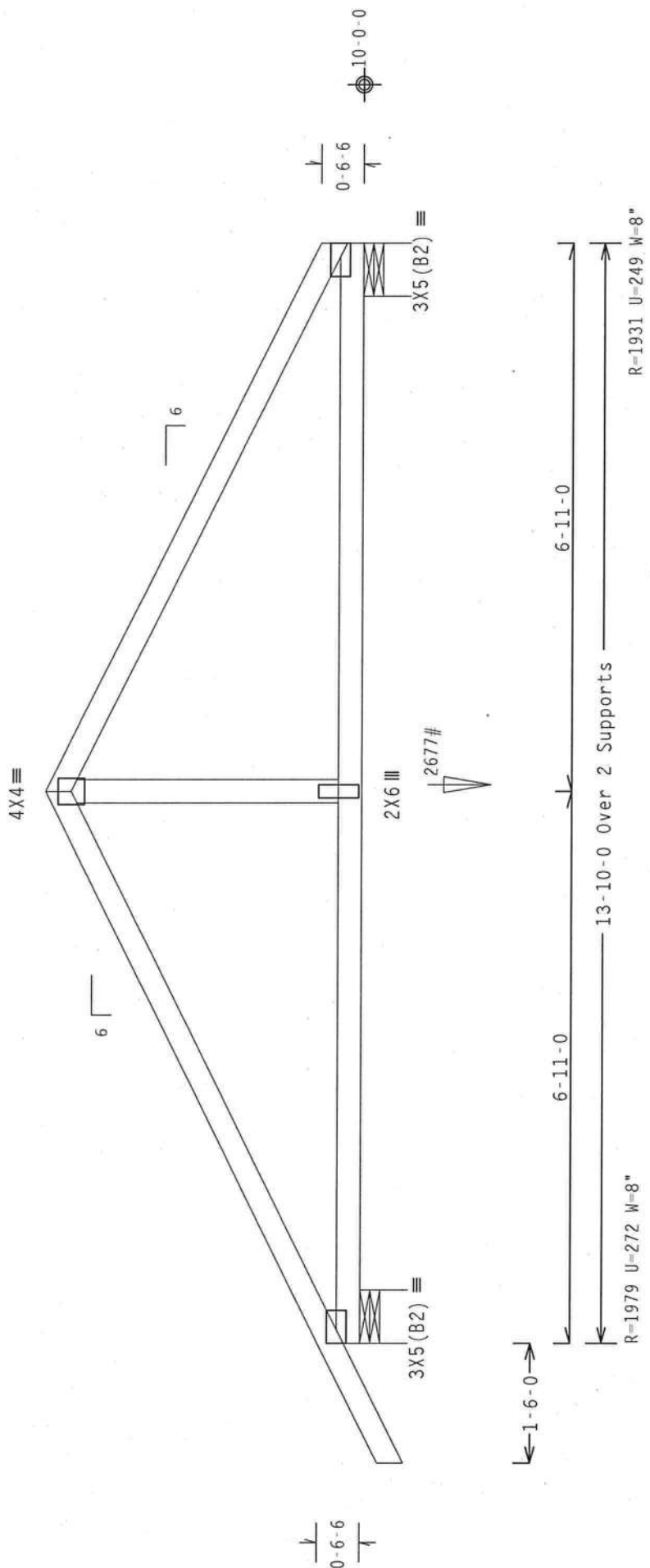
Deflection meets L/240 live and L/180 total load.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

The overall height of this truss excluding overhang is 3-11-14.



Design Crit: TPI-2002(STD)/FBC

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

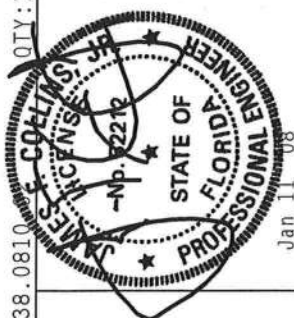
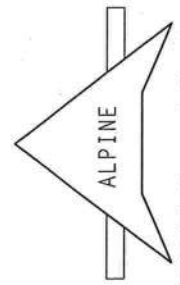
7.38.0810

QTY: 1 FL/-/5/-/-/R/-

Scale = .5" / 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, 210 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG PLATES TO BE USED ON ALL TRUSSES. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY CLOSURE SHALL BE PERFORMED BY AN INSPECTOR QUALIFIED IN TRUSS DESIGN. 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	R215--	83788
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR215	08011038
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEON-	96424	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z07	

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

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

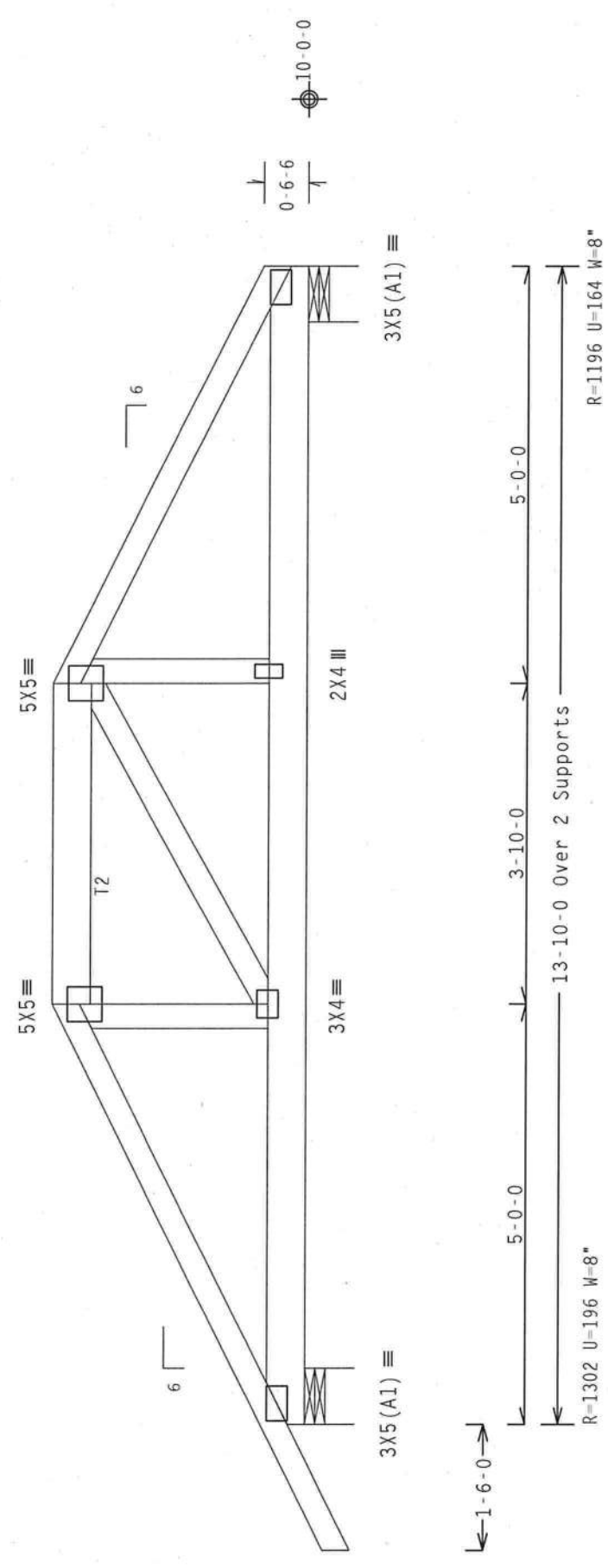
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MMFRS pressures.
Deflection meets L/240 live and L/180 total load.

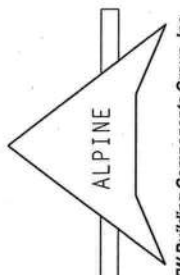
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.50 to 62 PLF at 5.00
TC - From 62 PLF at 5.00 to 62 PLF at 8.83
TC - From 62 PLF at 8.83 to 62 PLF at 13.83
BC - From 20 PLF at 0.00 to 20 PLF at 13.83
TC - 384 LB Conc. Load at 5.00, 8.83
TC - 134 LB Conc. Load at 6.92
BC - 156 LB Conc. Load at 5.00, 8.83
BC - 53 LB Conc. Load at 6.92

The overall height of this truss excluding overhang is 3-0-6.



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)

7.38.0810

QTY:1

FL/-/5/-/-/R/-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF R215--	83790
TC DL	10.0 PSF	DATE	01/10/08
BC DL	10.0 PSF	DRW	HCUSR215 08010052
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN-	96639
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TE1215_Z07



Jan 11 2008

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 214 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, MI 48071) 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.

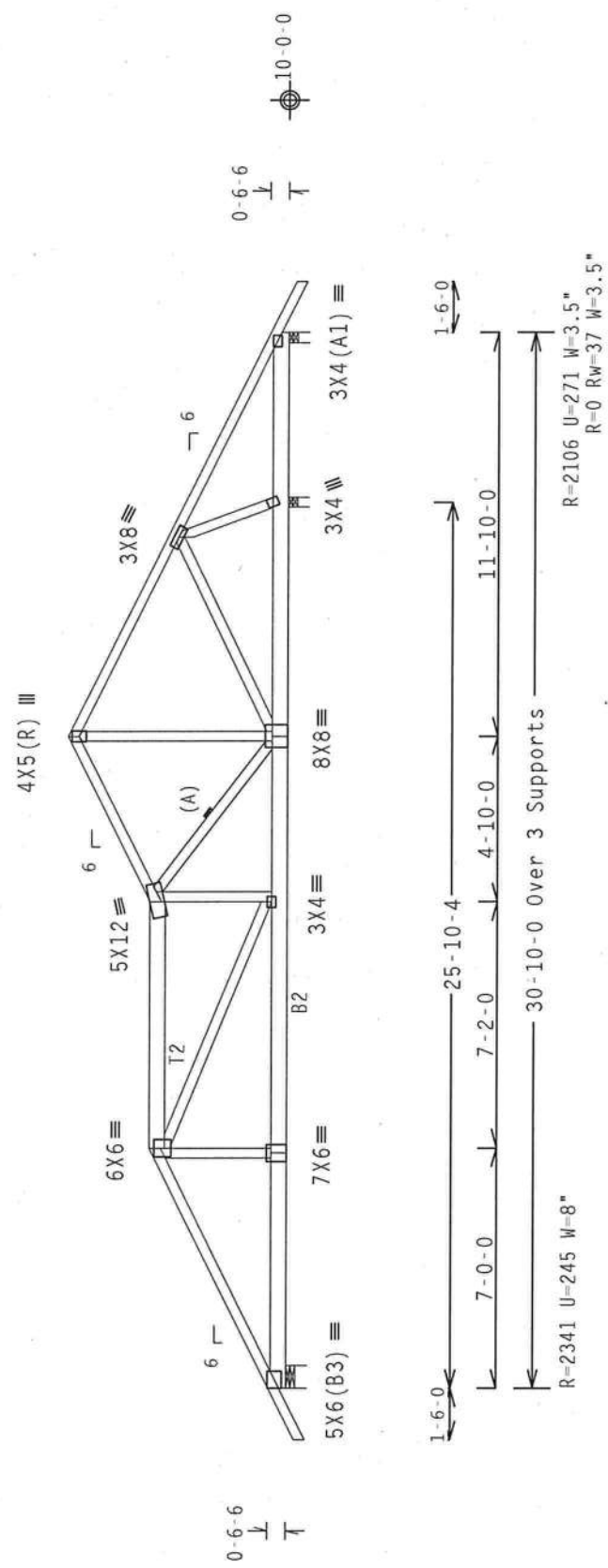
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATE FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, 160B-2, 160C-2, 160D-2, 160E-2, 160F-2, 160G-2, 160H-2, 160I-2, 160J-2, 160K-2, 160L-2, 160M-2, 160N-2, 160O-2, 160P-2, 160Q-2, 160R-2, 160S-2, 160T-2, 160U-2, 160V-2, 160W-2, 160X-2, 160Y-2, 160Z-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER RESPONSIBILITY FOR THE DESIGN COMPONENT SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 N :T2 2x6 SP #2 Dense:
Bot chord 2x6 SP #2 Dense :B2 2x6 SP SS:
Webs 2x4 SP #2 N

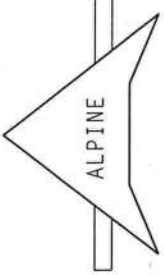
SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.50 to 62 PLF at 7.00
TC - From 62 PLF at 7.00 to 62 PLF at 14.17
TC - From 62 PLF at 14.17 to 62 PLF at 19.00
TC - From 62 PLF at 19.00 to 62 PLF at 32.33
BC - From 20 PLF at 0.00 to 20 PLF at 30.83
BC - 798 LB Conc. Load at 7.00
BC - 922 LB Conc. Load at 7.77

Wind reactions based on MMFRS pressures.
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

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 GCpl(+/-)-0.18
(A) Continuous lateral bracing equally spaced on member. Or 1x4 brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 6-5-6.



PLT TYP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-5/-/-R/-



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

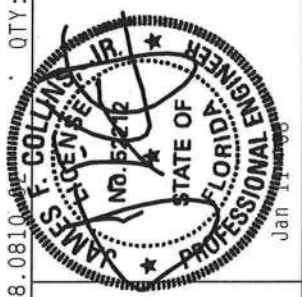
****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE NATIONAL INSTITUTE OF BUILDING COMPONENTS, 100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HFEA (HOOD TRUSS, COUNCIL 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. ITM 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SS)2X ASTM A653 GRADE 40/60 (M-K/A-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING PLACES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. A SEAL ON THIS DRAWING INDICATES THE DESIGNER'S RESPONSIBILITY 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.

Scale = .1875" / Ft.

REF	R215--	83791
DATE	01/10/08	
DRW	HCUSR215	08010060
HC-ENG	EC/WHK	
SEQN	96883	
FROM	CDM	
JREF	1TE1215_Z07	

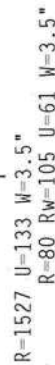


Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "I" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

The overall height of this truss excluding overhang is 6-5-6.



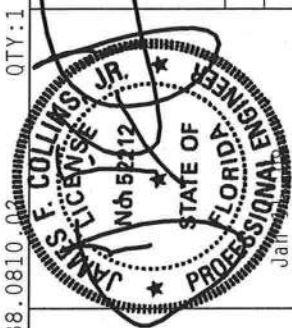
Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/- Scale = 1875"/Ft.

$Cq/RT=1.00(1.25)/0(0)$ 7.38.0810.02

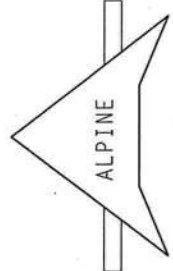
PLT TYP. Wave

TC LL	20.0 PSF	REF R215-- 83792
TC DL	10.0 PSF	DATE 01/10/08
BC DL	10.0 PSF	DRW #CUSR215 08010061
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 96306
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215_Z07



WARNING: THUSSELS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER, FOR ALL APPLICABLE REQUIREMENTS. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND MTICA (WOOD TRUSS, COUNCIL OF AMERICA, ENTERPRISE LANE, WAUWATOSA, WI 53219). SAFETY PRECAUTIONS MUST BE OBSERVED AT ALL TIMES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR INVESTIGATION FROM WITHIN OR OUTSIDE ANY TRUSS IN COMPLIANCE WITH THIS DESIGN. THE DESIGNER WILL PROVIDE ALL INFORMATION REGARDING THE TRUSS IN COMPLIANCE WITH THIS DESIGN. FABRICATING, HANDLING, SHIPPING, UNLOADING, AND BRACING OF TRUSSES, PER THE DESIGN, SHALL BE THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER SWS/TTP1 1 SEC. 2.



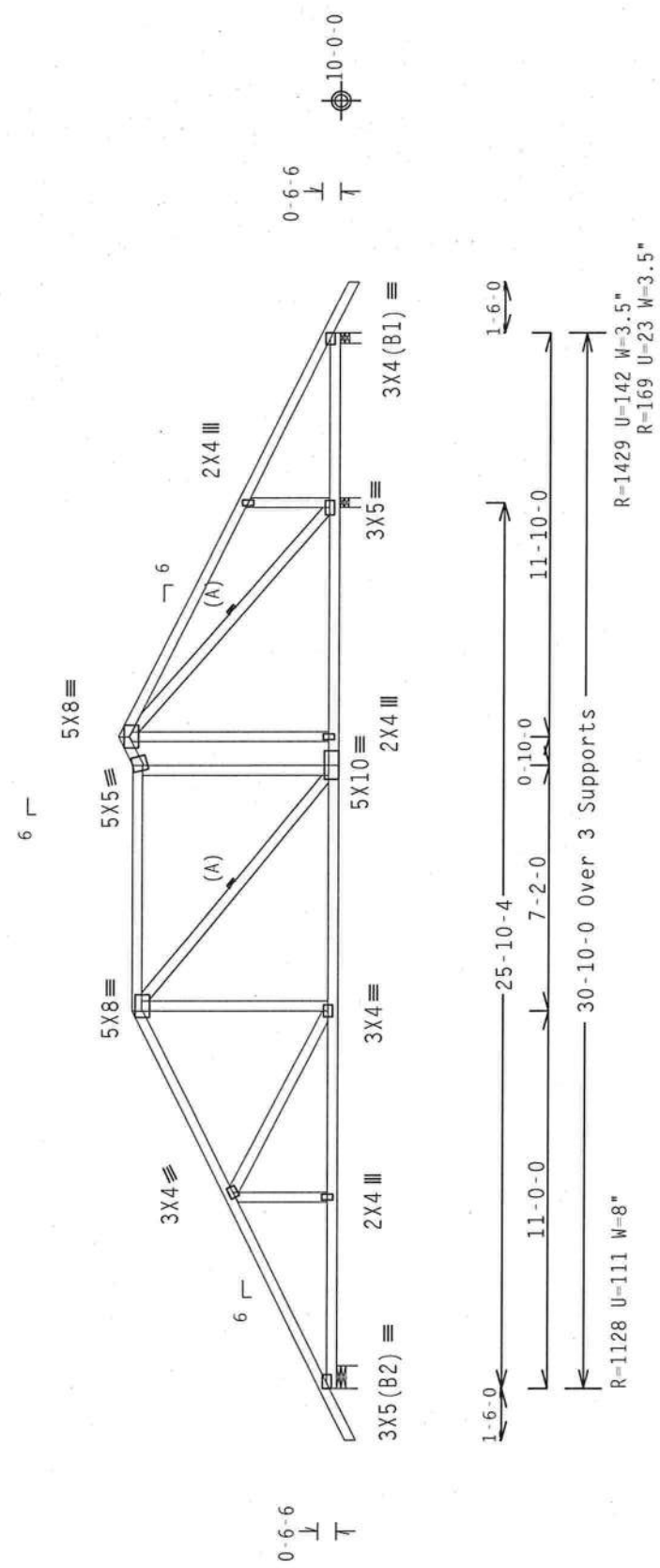
ITW Building Components Group, Inc.
Haines City, FL 33844

FL Certificate of Authorization # 0 278

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace, 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

The overall height of this truss excluding overhang is 6'-5-6".



PLT TYP. Wave

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

7.38.0810

QTY:1

FL/-/5/-/-/R/-

Scale = .1875" / Ft.

REF	R215--	83793
DATE	01/10/08	
DRW	HCUSR215	08010080
HC-ENG	EC/WHK	
SEQN-	96739	
FROM	CDM	
JREF-	1TE1215_Z07	

ALPINE

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
JAMES E. COLLINS
No. 92272
Jan 11 '08

ITW Building Components Group, Inc. is not 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 2018/1664 (M-H/SSX) ASTM A653 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. DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR THE BUILDING COMPONENT THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

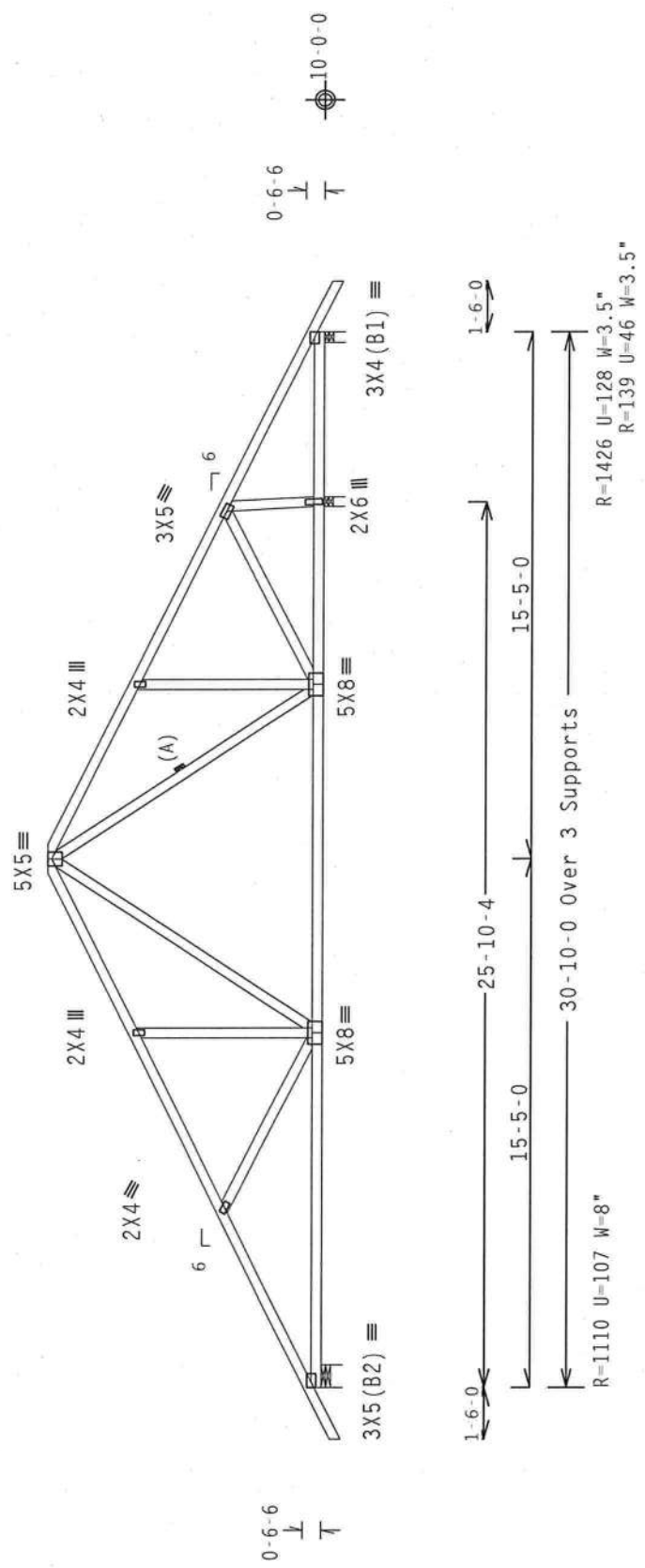
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

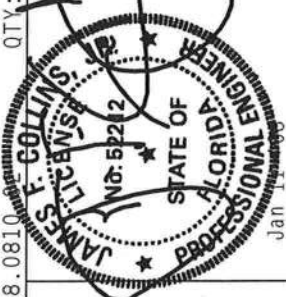
The overall height of this truss excluding overhang is 8-0-6.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF R215-- 83795
TC DL	10.0 PSF	DATE 01/10/08
BC DL	10.0 PSF	DRW HCUSR215 08010063
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 96311
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215_Z07



***WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, AND SHIPPING. INSTALLING AND BRACING REQUIRES SPECIAL KNOWLEDGE AND SKILL. FOR MORE INFORMATION, CONTACT THE MANUFACTURER OF THE PRODUCT.
NORTH LEE STREET, SUITE 312, ALICANTHA VALLEY, AZ 85714) AND WCA (WOOD TRUSS COMPANY, INC., 218 ENTERPRISE LANE, MADISON, MI 48201, MI 52719) 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 CORREL.

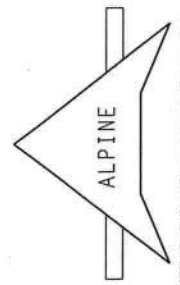
*****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITR BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS IN COMPLIANCE WITH THE FOLLOWING REQUIREMENTS:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) BY AF&PA) AND TPI. ITR BCG DESIGNER FOR FABRICATING, HANDLING, SHIPPING, UNLOADING, BRACING OF TRUSSES.

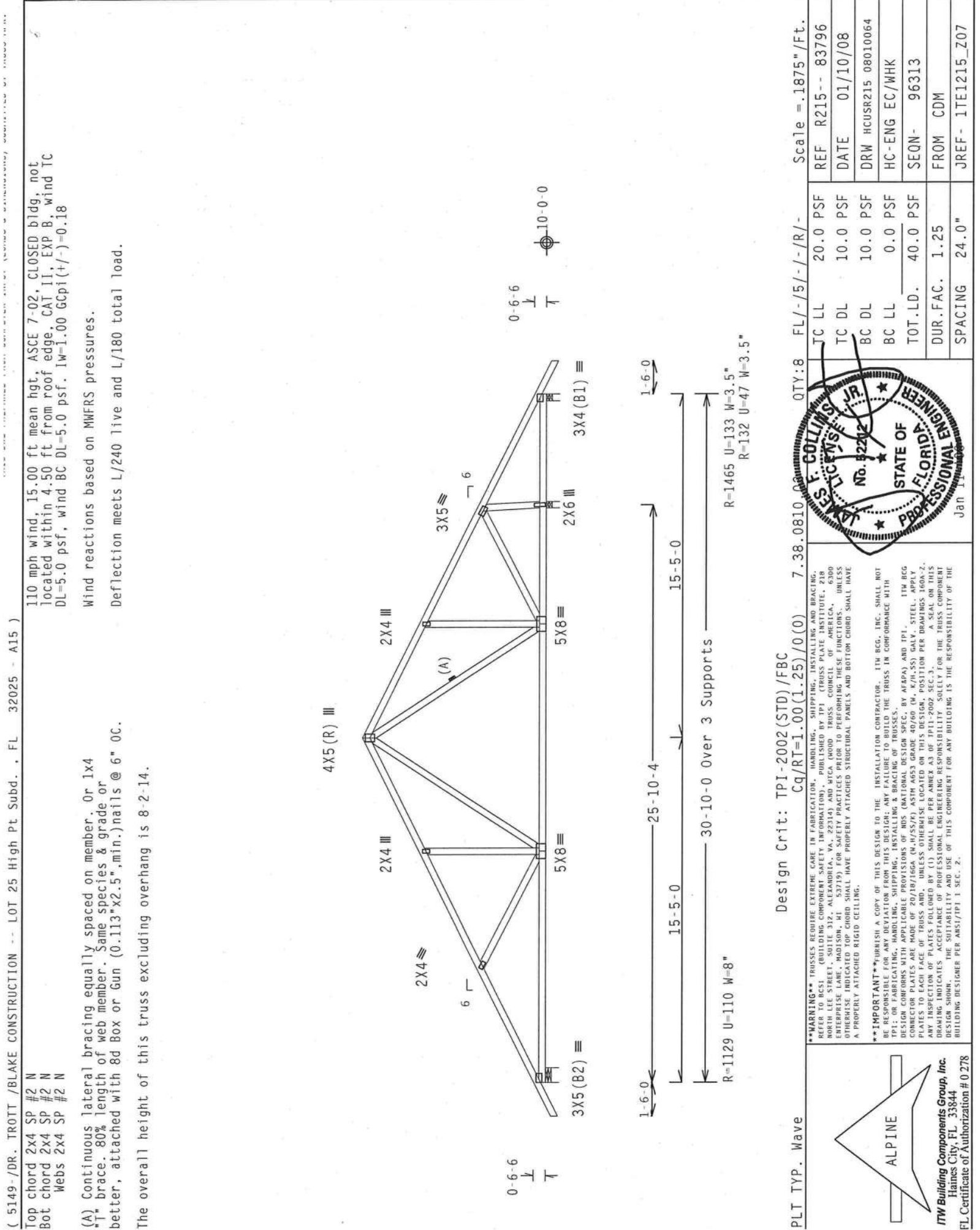
CONNECTOR PLATES ARE MADE OF 20/10/16GA .ASTM A653 GRADE 40/60 (A, K/H-55) GALV., STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TPI-2002 SEC.3.

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 ANNEX(TPI) 1

EC. 2.



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



(5149 - /DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. . FL 32025 - A15)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

The overall height of this truss excluding overhang is 8'-2" to 14'.

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 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY: 8 Scale = .1875"/Ft.

REF R215-- 83796

DATE 01/10/08

DRW HCUSR215 08010064

HC-ENG EC/WHK

SEQN- 96313

FROM CDM

JREF- 1TE1215_Z07

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY: 8

Scale = .1875"/Ft.

REF R215-- 83796

DATE 01/10/08

DRW HCUSR215 08010064

HC-ENG EC/WHK

SEQN- 96313

FROM CDM

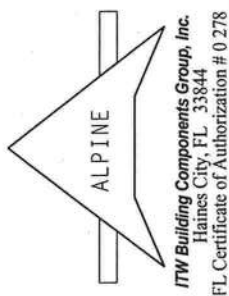
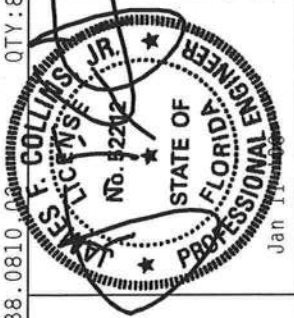
JREF- 1TE1215_Z07

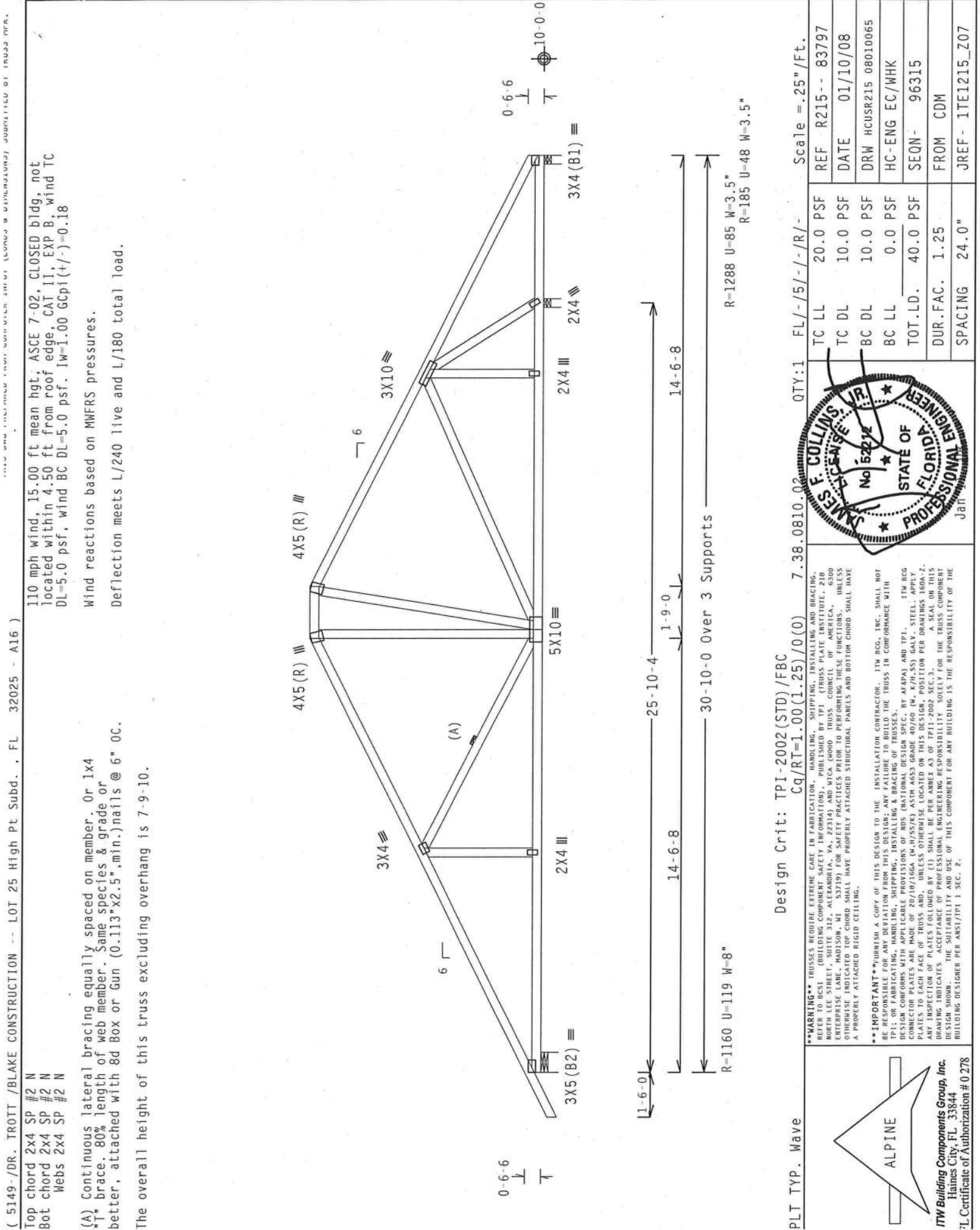
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810.00 QTY: 8

Scale = .1875"/Ft.





(5149 - /DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. . FL 32025 - A16)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

The overall height of this truss excluding overhang is 7-9-10.

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 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-2002(STD)/FBC

Cg/RT=1.00(1.25)/0(0) 7.38.0810.02

Scale = .25" / Ft.

PLT TYP. Wave

REF R215-- 83797

DATE 01/10/08

DRW HCUSR215 08010065

HC-ENG EC/WHK

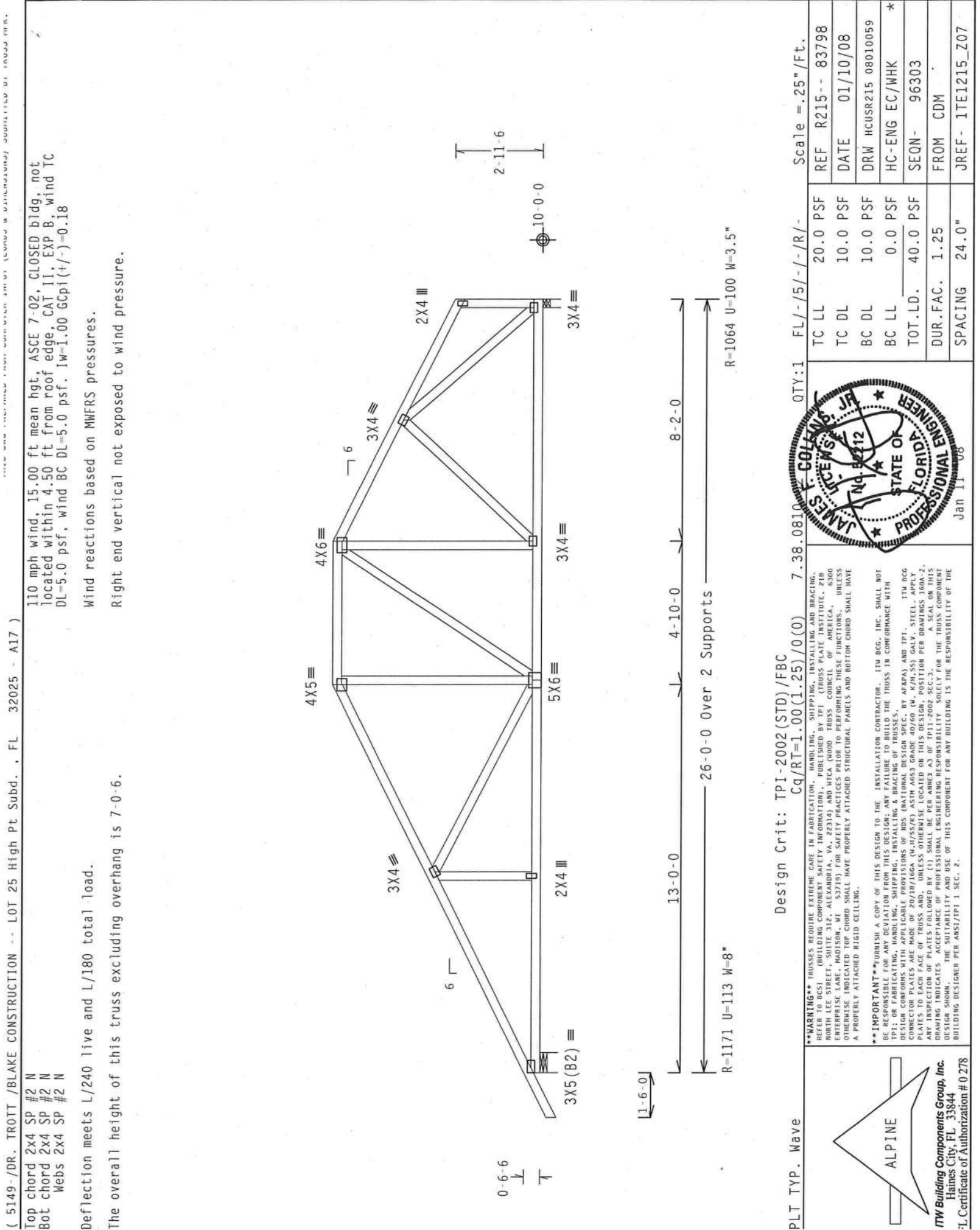
SEQN- 96315

FROM CDM

JREF- 1TE1215_Z07

James F. Collins, Professional Engineer, State of Florida, No. 52212

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



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. . FL 32025 - A17)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 7'-0"-6".

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 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.
Right end vertical not exposed to wind pressure.

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

7.38.0810
Scale = .25"/Ft.
QTY:1

PLT TYP. Wave

ALPINE

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

James S. Colangelo, Jr.
State of Florida
Professional Engineer
No. 92712
Jan 11 '08

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 R215-- 83798
DATE 01/10/08
DRW HCUSR215 08010059
HC-ENG EC/WHK
SEQN- 96303
FROM CDM
JREF- 1TE1215_Z07

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

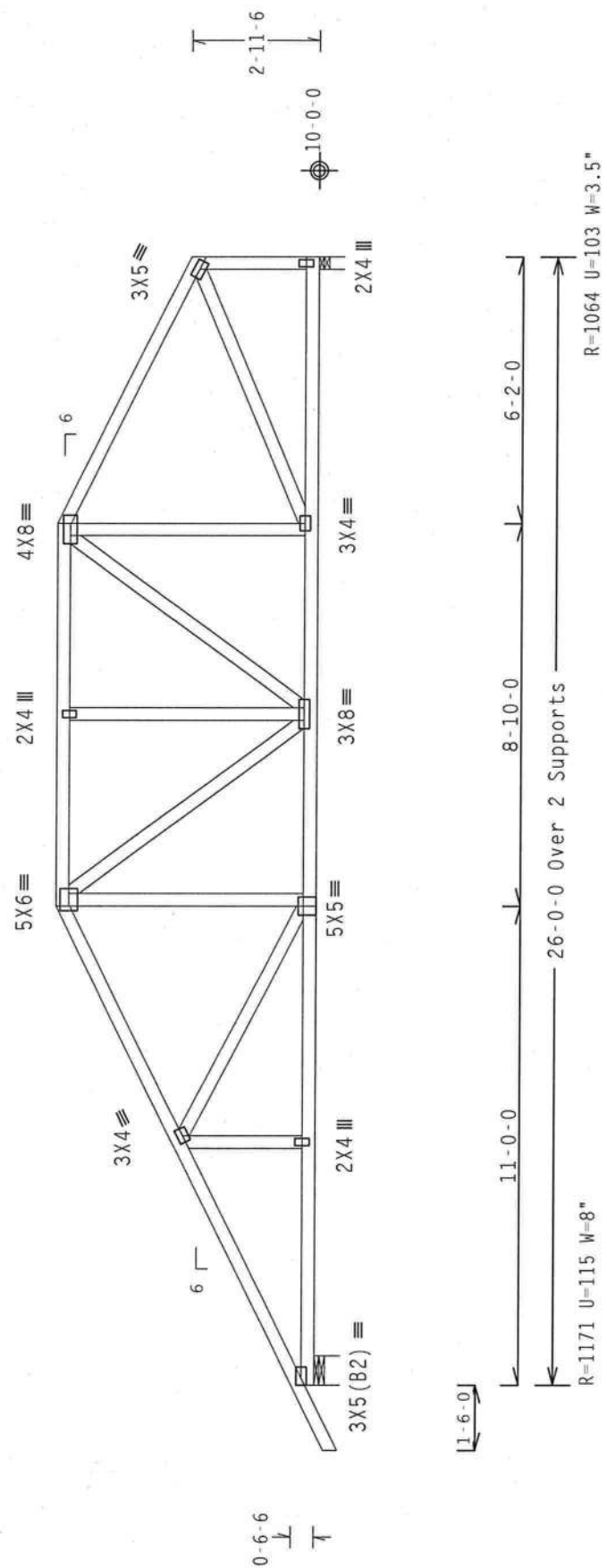
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

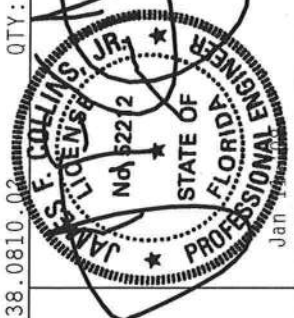
The overall height of this truss excluding overhang is 6-0-6.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/1/R/-	Scale = .25" /Ft.
REF R215-- 83799	TC LL	20.0 PSF	
DATE 01/10/08	TC DL	10.0 PSF	
DRW HCUSR215 08010058	BC DL	10.0 PSF	
HC-ENG EC/WHK *	BC LL	0.0 PSF	
SEQN- 96301	TOT.LD.	40.0 PSF	
FROM CDM	DUR.FAC.	1.25	
JREF- 1TE1215_Z07	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.

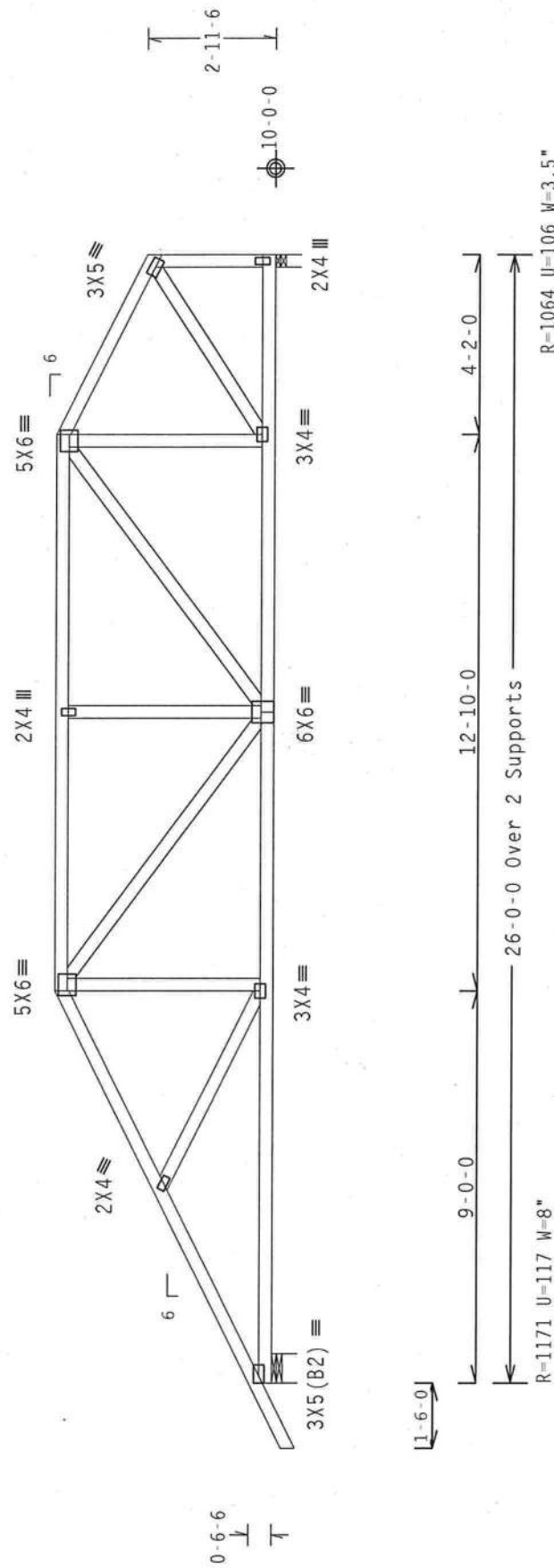
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTION PLATES ARE MADE OF 20/10/10GA (4-H/55/7X) ASTM A653 GRADE 40/60 (40, 42H-SS) GALV. STEEL. APPLY PROTECTIVE COATING TO ALL EXPOSED SURFACES. UNLESS OTHERWISE INDICATED, POSITION PER DRAWING 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER. THE DESIGN 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.

(5149- /DR. TROTT /BLA

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/- Scale = 25" / Ft.

7.38.0810-0000

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

Design of 10

PLT TYP. Wave

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, 22314, AND NCA (WOOD TRUSS COUNCIL OF AMERICA), 6200 ENTERPRISE LANE, MIDLOTHIAN, MI 48057, MI 48057, FOR SAFETY PRACTICES FOR PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLS.

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

ITN BCG TRUSS DESIGNER SPECIFICATIONS (TYPICAL DESIGN SPEC.) BY A/FPE/D AND TPE/1
CONNECTOR PLATES ARE MADE OF 20/18/1560/0.045/30/SS/STEEL
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS FOR 2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 43 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBEX/TP11 1 SEC. 2.



TC LL	20.0 PSF	REF	R215 - -	83800
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010056
BC LL	0.0 PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0 PSF	SEQN-	96299	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215	Z07

Top chord 2x4 SP SS :T2 2x6 SP SS: :T3 2x4 SP #2 N:

Bot chord 2x6 SP SS
Webs 2x4 SP #2 N
:Lt Wedge 2x4 SP #2 N:
110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED 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. $I_w=1.00$ GCPI(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

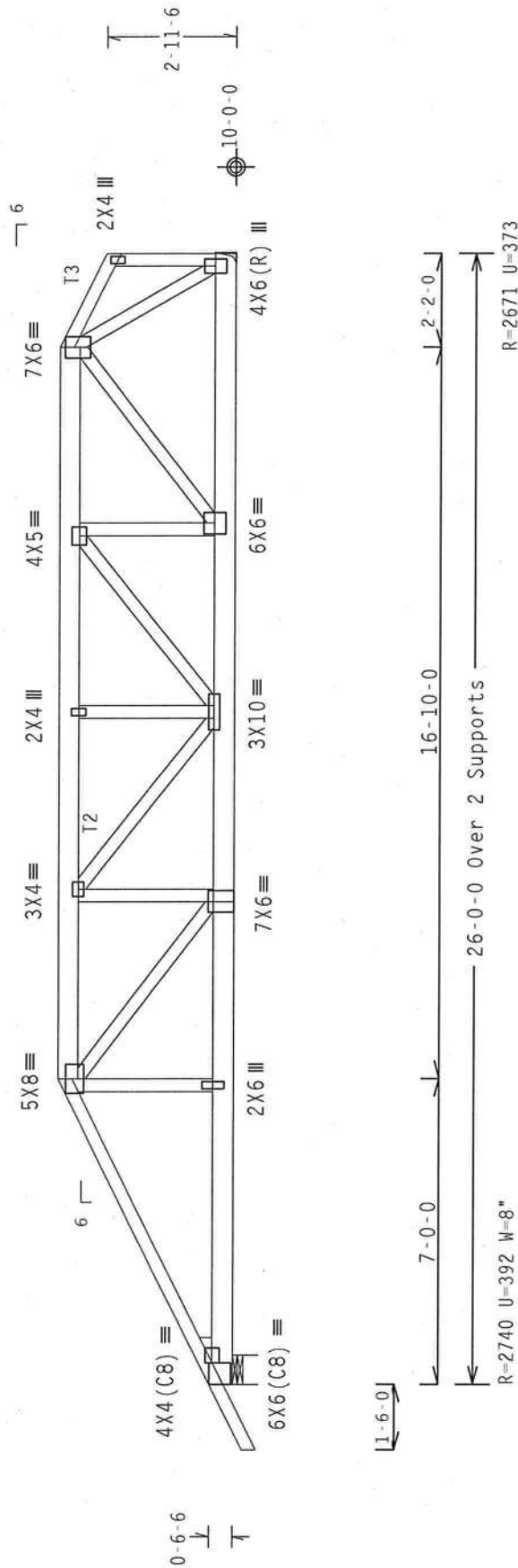
The overall height of this truss excluding overhang is 4-0-6.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

SPECIAL LOADS

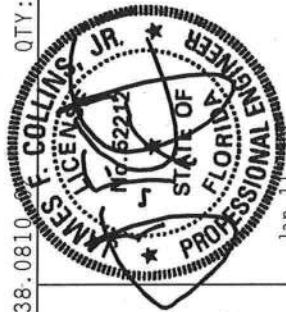
	----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)	
TC - From	62 PLF at -1.50 to	62 PLF at 7.00
TC - From	62 PLF at 7.00 to	62 PLF at 23.83
TC - From	62 PLF at 23.83 to	62 PLF at 26.00
BC - From	20 PLF at 0.00 to	20 PLF at 26.00
TC -	195 LB Conc. Load at	7.06, 9.06, 11.06, 1
TC -	17.06, 19.06, 21.06, 23.06	
BC -	794 LB Conc. Load at	7.00
BC -	79 LB Conc. Load at	9.06, 11.06, 13.06, 1
BC -	79 LB Conc. Load at	9.06, 11.06, 13.06, 1

Right end vertical not exposed to wind pressure.

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

QTY:1 FL/-/5/-/-/R/-/
Scale = .25" / Ft.

TC LL	20.0	PSF	REF	R215--	83801
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCU8R215	08010055
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	96634	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215_Z07	



Jan 11 08

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

FL Certificate of Authorization # 0 278

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B3 2x4 SP SS:
Webs 2x4 SP #2 N
:Lt Wedge 2x4 SP #2 N:

Calculated horizontal deflection is 0.12" due to live load and 0.13" due to dead load.

Deflection meets L/240 live and L/180 total load.

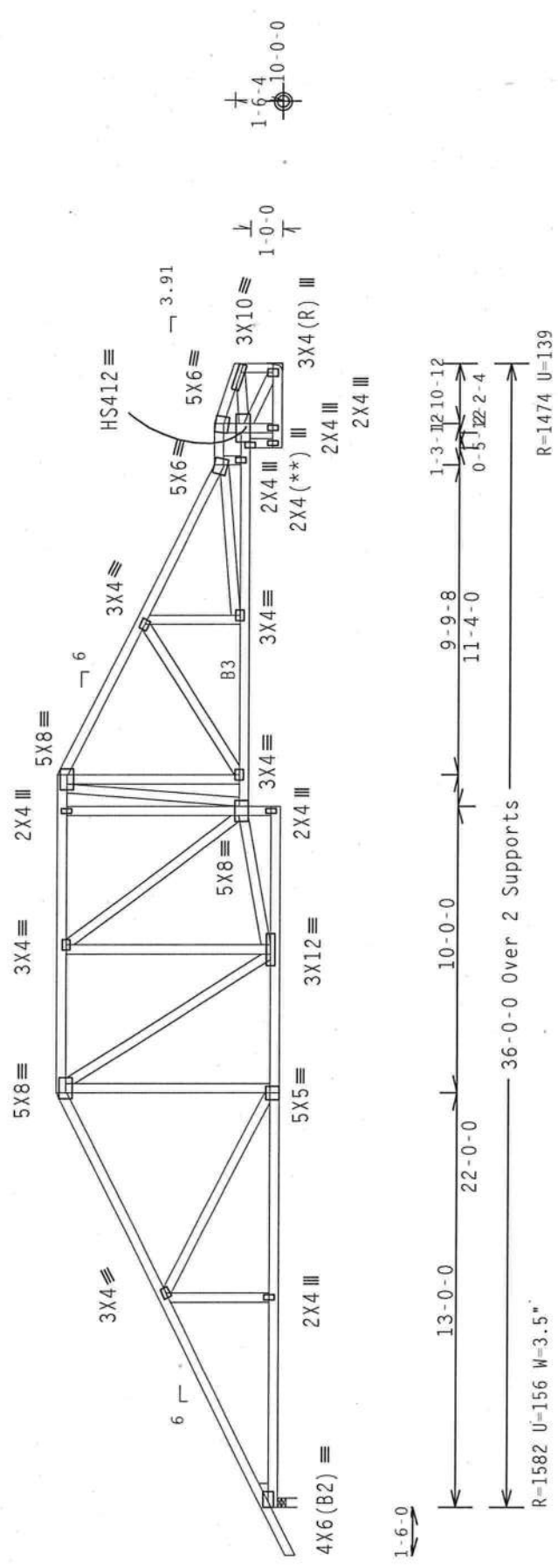
SEE DWG.BCFILLER1106 AND TCFILLER1106 FOR FILLER DETAILS.
LATERALLY BRACE CHORD BELOW FILLER AT 24" OC (OR AS DESIGNED)
INCLUDING A LATERAL BRACE ON CHORD DIRECT ABOVE/BELOW BOTH ENDS
OF FILLER (IF NO RIGID DIAPHRAM EXISTS AT THAT POINT)

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

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

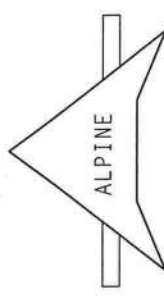
Wind reactions based on MMFRS pressures.

The overall height of this truss excluding overhang is 7'-0"-6."



PLT TYP. 20 Gauge HS,Wave
Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/0(0) 7.38.0810
Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R215--	83802
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010071
BC LL	0.0 PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0 PSF	SEQN-	96518	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	ITE1215_Z07	



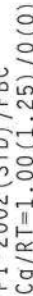
ALPINE



STATE OF FLORIDA
PROFESSIONAL ENGINEER
F. COLLINS JR.
No. 5222

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

Right end vertical not exposed to wind pressure.



*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FOR THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH APPLICATION OF THE FOLLOWING: SHIPPING, INSTALLING & BRACING OF TRUSSES. THE DESIGN CONFORMS WITH APPLICATION OF THE FOLLOWING: TRUSS DESIGN SPEC. BY AFAPCO AND TP1. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/156GA. OR 4/25X1/4" ASTM A563 GRAD 50. 1/4" 305S STAINLESS STEEL APPLIED TO EACH FACE OF TRUSS AND, ANY OTHERS NOTING THIS DESIGN. POSITION PER DRAWINGS. 2. A SEAL ON THIS PLATES TO EACH FACE OF TRUSS AND, ANY OTHERS NOTING THIS DESIGN. POSITION PER DRAWINGS. 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 BUILDING DESIGNER PER AMS/TP1 1 SEC. 2.

QTY:1 FL/-/5/-/-/R/-

Scale = .1875"/Ft.

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

Top chord 2x6 SP #2 N :T1, T4 2x4 SP #2 Dense:

:T6 2x4 SP #2 N: SS :B4 2x6 SP #2 N:
Bot chord 2x6 SP #2 N :W24 2x4 SP SS:
Weds 2x4 SP #2 N:
:Lt Wedge 2x4 SP #2 N:

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 GCpi(+/-)=-0.18

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Calculated vertical deflection is 0.58" due to live load and 0.62" due to dead load at $X = 22'-0"$.

Bearing blocks: Nail type: 0.131"x3" Gun nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 12" 4 Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

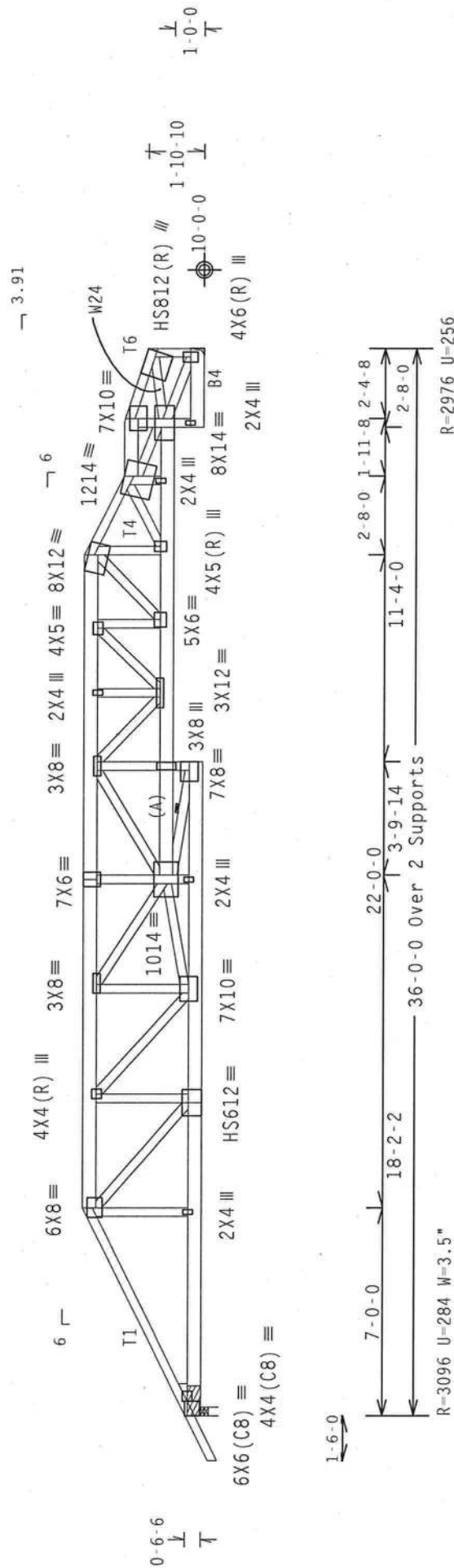
Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.20" due to live load and 0.21" due to dead load.

#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-0-6.



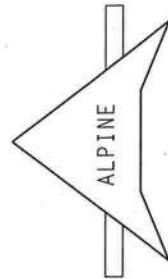
Design Crit: TPI-2002(STD)/FBC

7.38.0810.03  QTY:1 FL/-/5/-/-/R/- Scale = 1875"/Ft.

*****WARNING***** THROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. PROPER USE, MAINTENANCE, SAFETY, AND INFORMATION, PUBLISHED BY THE CROSS PLATE INSTITUTE, 2100 NORTH ALE STREET, MOULDER, KS 67050, MAY BE OBTAINED BY MAIL FOR \$1.00 PER COPY. THE CROSS PLATE INSTITUTE, 2100 NORTH ALE STREET, MOULDER, KS 67050, MAY 32/79 FOR SAFETY PRACTICES PRIOR TO PERFORMANCE. THESE INCLUDES: PROPERLY ATTACHED RIGID CEILING PANELS 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 DESIGN WILL CONFORM WITH THE FOLLOWING: UNLOADING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

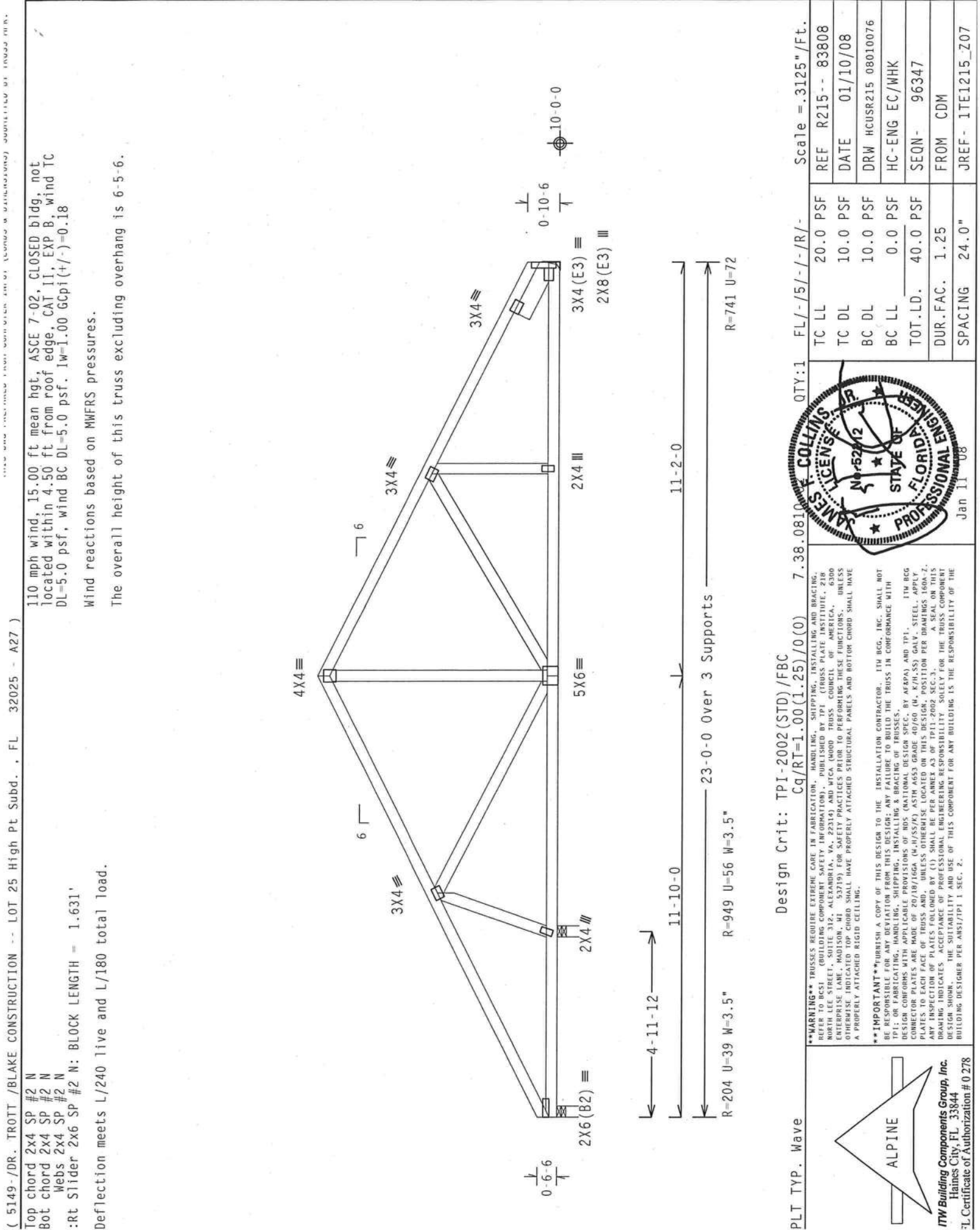
DESIGNER'S COMMENTS: THIS DESIGN IS BASED ON THE FOLLOWING DESIGN SPEC. (ITW AFKPS) AND TPI. ITW BCG HAS REVIEWED THIS DESIGN AND APPROVES THE DESIGN. ALL DIMENSIONS ARE IN INCHES. STEEL CONNECTOR PLATES ARE MADE OF 7010/176GALV. ALUMINUM PLATES ARE MADE OF 7010/176GALV. ALUMINUM PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS ABOVE. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX B 43 OF TP1-2002 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 ANEX D/TPI 1 SEC. 2.



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

FL Certificate of Authorization # 0278

TC LL	20.0	PSF	REF	R215--	83805
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010239
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	96937	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215	Z07



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. . FL 32025 - A27)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x6 SP #2 N: BLOCK LENGTH = 1.631'
Deflection meets L/240 live and L/180 total load.

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. 1w=1.00 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

The overall height of this truss excluding overhang is 6-5-6.

Scale = .3125"/ft.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/0(0) 7.38.0810

PLT TYP. Wave

QTY:1 FL/-/5/-/-/R/-

REF R215-- 83808

DATE 01/10/08

DRW HCUSR215 08010076

HC-ENG EC/WHK

SEQN- 96347

FROM CDM

JREF- 1TE1215_Z07

Jan 11 '08

Professional Engineer

FLORIDA

STATE OF

NO. 52412

JAMES F. COLLINS, JR.

Professional Engineer

FLORIDA

STATE OF

NO. 52412

JAMES F. COLLINS, JR.

Professional Engineer

FLORIDA

STATE OF

NO. 52412

JAMES F. COLLINS, JR.

Professional Engineer

FLORIDA

STATE OF

NO. 52412

JAMES F. COLLINS, JR.

Professional Engineer

FLORIDA

STATE OF

NO. 52412

JAMES F. COLLINS, JR.

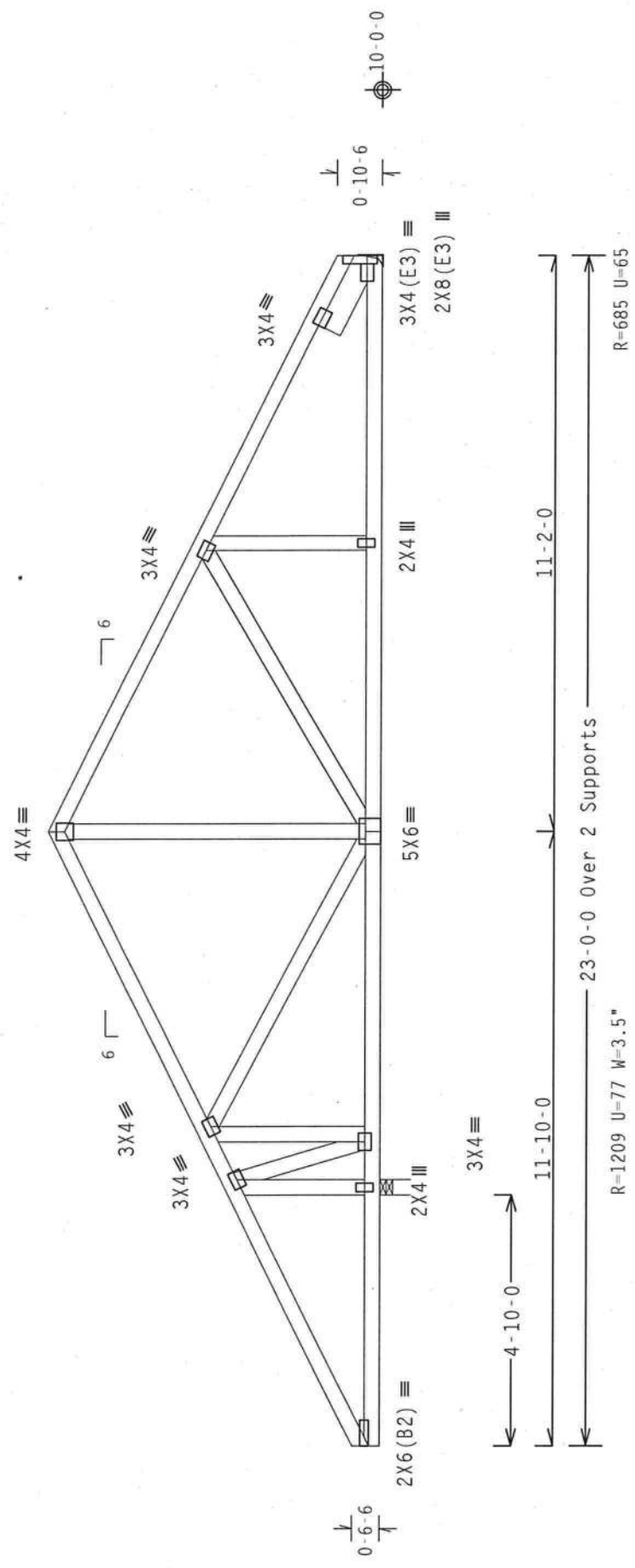
Professional Engineer

FLORIDA

STATE OF

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x6 SP #2 N: BLOCK LENGTH = 1.631'
Deflection meets L/240 live and L/180 total load.

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. $lw=1.00 Gcp1(+/-)=0.18$
Wind reactions based on MMFRS pressures.
The overall height of this truss excluding overhang is 6-5-6.



PLT TYP. Wave

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

7.38.0810 00 7.38.0810 00 QTY:1

Scale = .3125"/ft.

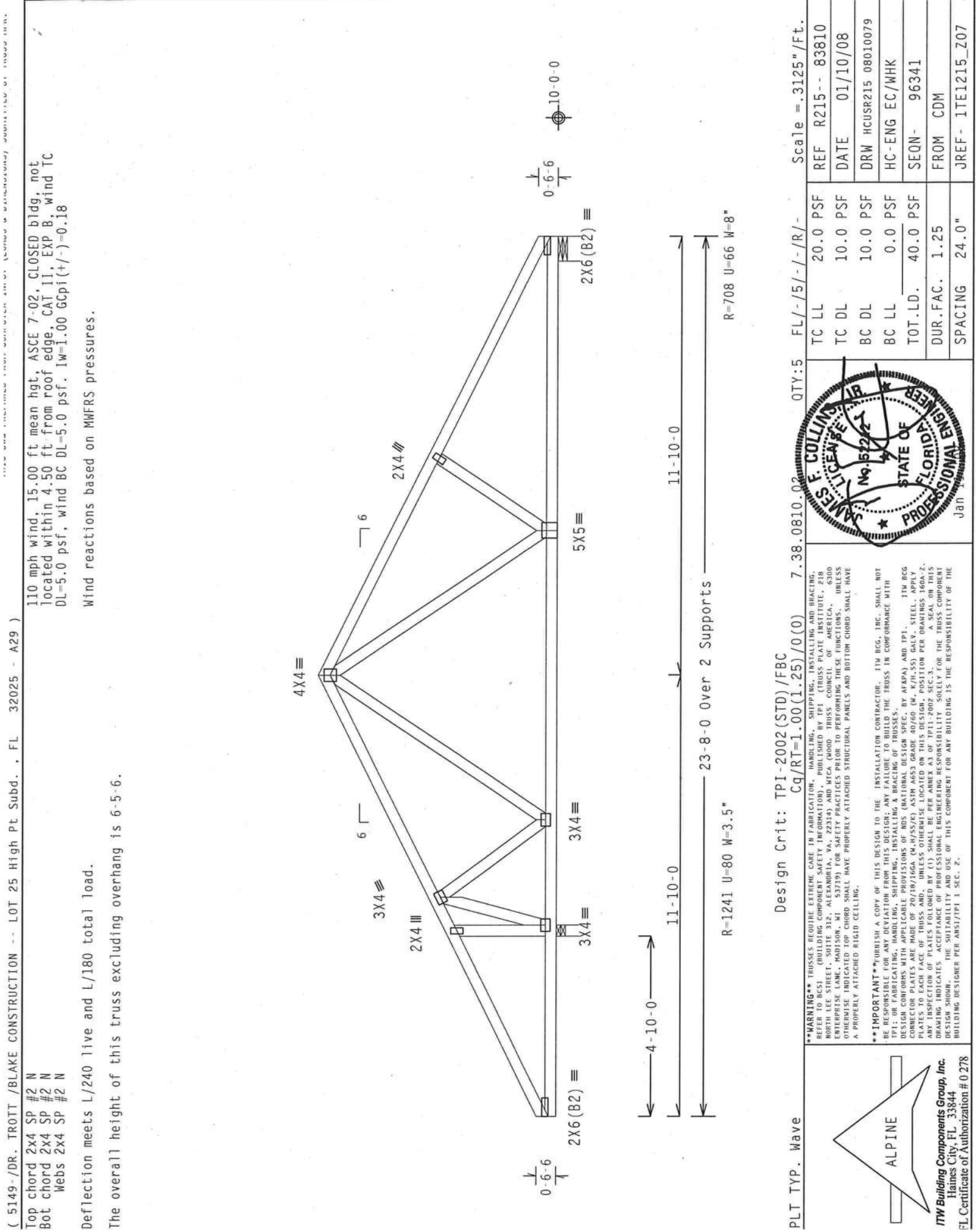
TC LL	20.0 PSF	REF R215-- 83809
TC DL	10.0 PSF	DATE 01/10/08
BC DL	10.0 PSF	DRW HCUSR215 08010078
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 96343
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215_Z07

ALPINE

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

FL Certificate of Authorization # 0 278

JAMES F. COLLINS
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 12212
Jan 1 2008



(5149 - /DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. • FL 32025 - A29)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-5'-6".

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 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002 (STD) / FBC Cq/RT=1.00(1.25)/0(0) 7.38.0810.02

Scale = .3125" / Ft.

PLT TYP. Wave

REF R215 -- 83810

DATE 01/10/08

DRW HCUSR215 08010079

HC-ENG EC/WHK

SEQN- 96341

FROM CDM

JREF- 1TE1215_Z07

QTY:5 FL/-/5/-/-/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"

James F. Collins, P.E. No. 51221 State of Florida Professional Engineer Jan 1, 2008

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

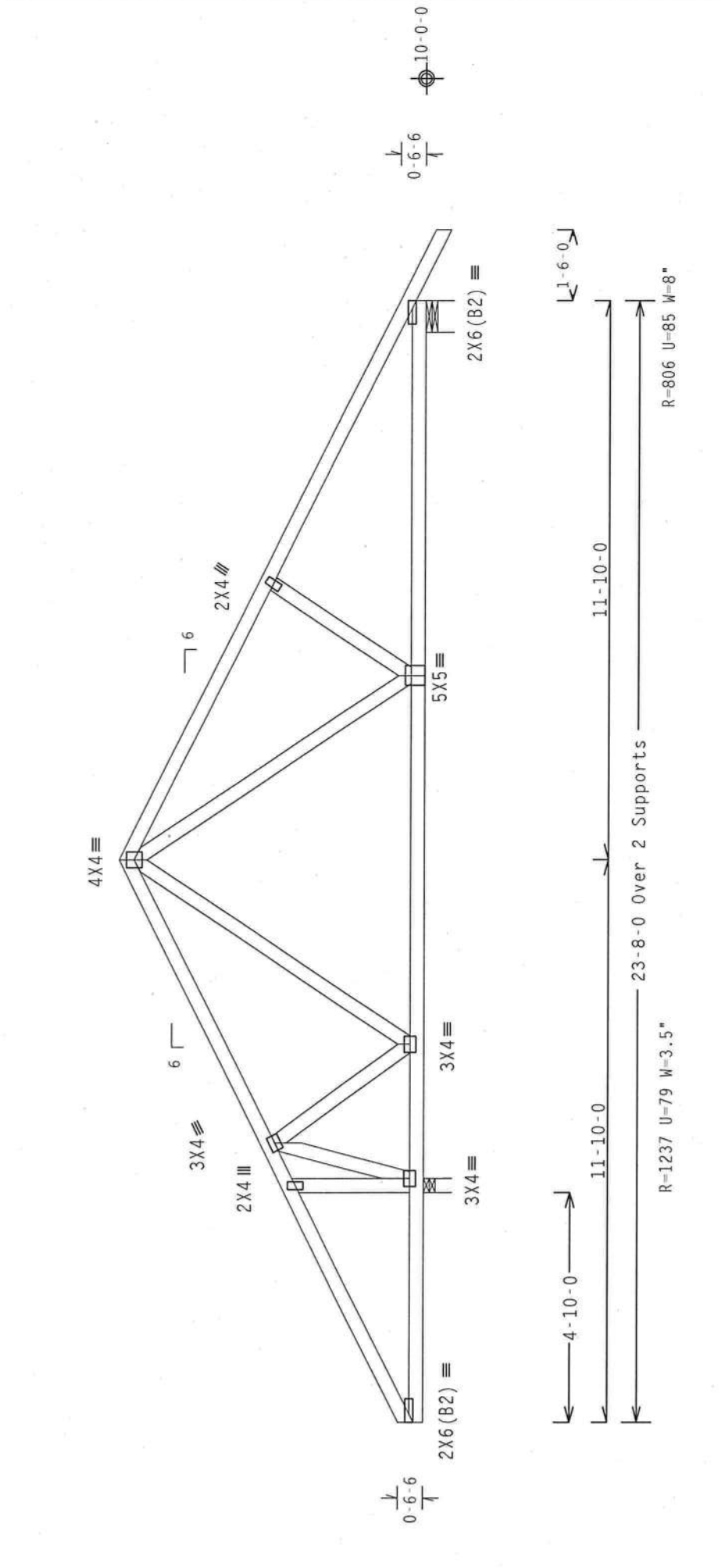
FL Certificate of Authorization # 0278

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

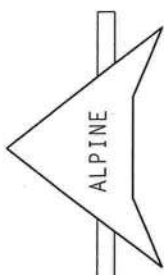
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 6-5-6.

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

Wind reactions based on MWFRS pressures.



PLT TYP. Wave



ALPINE

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

FL Certificate of Authorization # 0 278

Design Crit: TPI-2002 (STD) /FBC

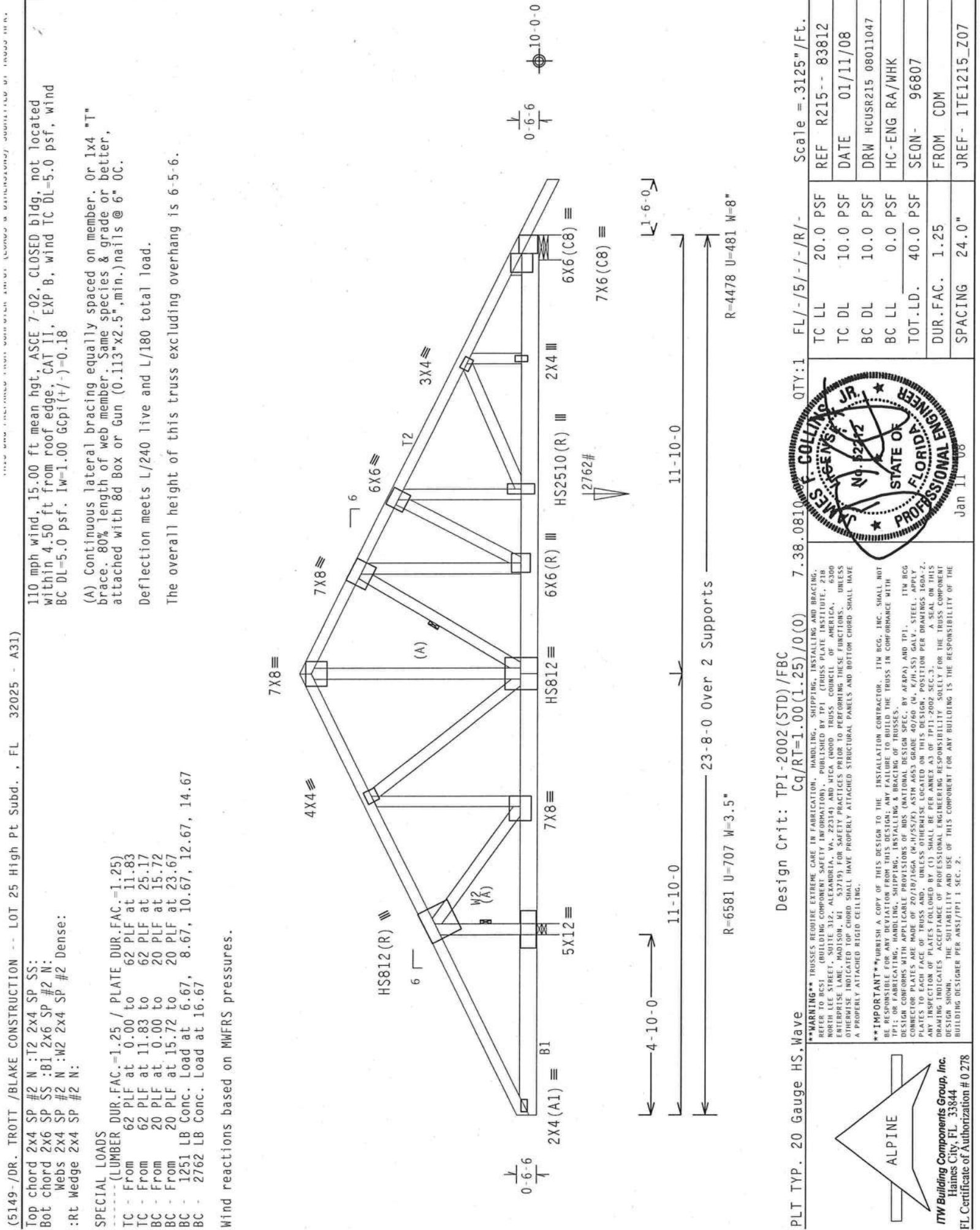
Cg/RT=1.00(1.25)/0(0) 7.38.0810

QTY:3 FL/-/5/-/-/R/- Scale =.3125"/Ft.

REF	R215--	83811
DATE	01/10/08	
DRW	HCUSR215	08010091
HC-ENG	EC/WHK	
SEQN-	96812	
FROM	CDM	
JREF-	ITE1215_Z07	

****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 WIGA (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. ITW BCG SHALL BE RESPONSIBLE FOR THE PROVISIONS OF THIS DESIGN. UNLESS OTHERWISE INDICATED, ALL TRUSSES SHALL BE FABRICATED IN ACCORDANCE WITH THE TPI: STEEL, APPLICABLE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIVE PER FRAMING ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 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.



(5149-/DR, TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd., FL 32025 - A31)

Top chord 2x4 SP #2 N : T2 2x4 SP SS:
Bot chord 2x6 SP SS : B1 2x6 SP #2 N:
Webs 2x4 SP #2 N : W2 2x4 SP #2 Dense:
: Rt Wedge 2x4 SP #2 N:

SPECIAL LOADS
----- (LUMBER) DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25
TC - From 62 PLF at 0.00 to 62 PLF at 11.83
TC - From 62 PLF at 11.83 to 62 PLF at 25.17
BC - From 20 PLF at 0.00 to 20 PLF at 15.72
BC - From 20 PLF at 15.72 to 20 PLF at 23.67
BC - 1251 LB Conc. Load at 6.67, 8.67, 10.67, 12.67, 14.67
BC - 2762 LB Conc. Load at 16.67

Wind reactions based on MWFRS pressures.

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 GCpl (+/-) = 0.18
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 6-5-6.

PLT TYP. 20 Gauge HS.Wave	Design Crit: TPI-2002(STD)/FBC	Cq/RT=1.00(1.25)/0(0)	7.38.0810	QTY: 1	FL/-/5/-/-/R/-	Scale = .3125"/Ft.
					TC LL 20.0 PSF	REF R215-- 83812
					TC DL 10.0 PSF	DATE 01/11/08
					BC DL 10.0 PSF	DRW HCUSR215 08011047
					BC LL 0.0 PSF	HC-ENG RA/WHK
					TOT.LD. 40.0 PSF	SEQN- 96807
					DUR.FAC. 1.25	FROM CDM
					SPACING 24.0"	JREF- 1TE1215_Z07

PLT TYP. 20 Gauge HS.Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

QTY: 1

FL/-/5/-/-/R/-

Scale = .3125"/Ft.

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 R215-- 83812

DATE 01/11/08

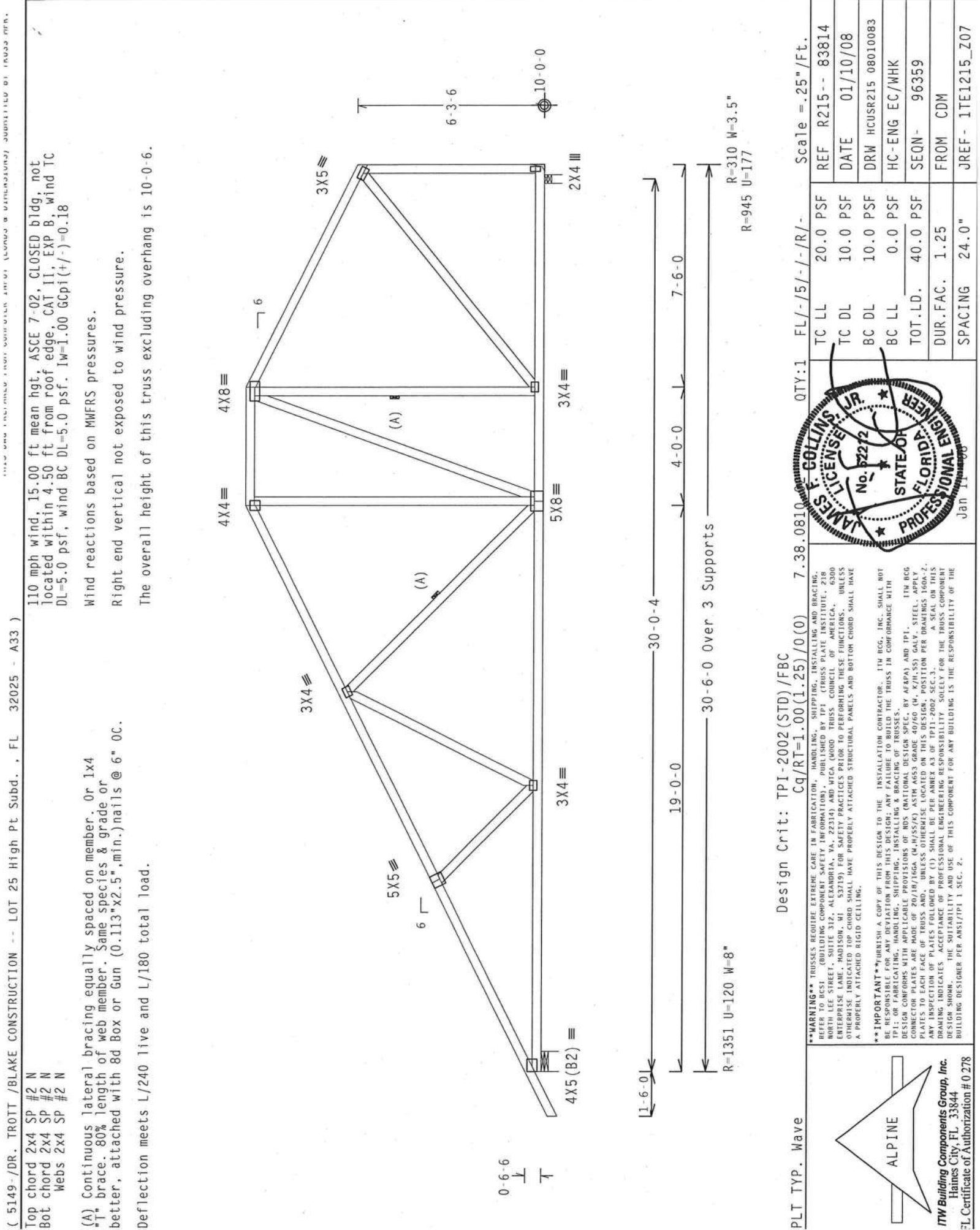
DRW HCUSR215 08011047

HC-ENG RA/WHK

SEQN- 96807

FROM CDM

JREF- 1TE1215_Z07



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025 - A33)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.

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. $I_w=1.00$ GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 10'-0"-6".

Scale = .25" / Ft.

QTY: 1 FL / - / 5 / - / - / R / -

REF R215 -- 83814

DATE 01/10/08

DRW HCUSR215 08010083

HC-ENG EC/WHK

SEQN - 96359

FROM CDM

JREF - 1TE1215_Z07

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

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

7.38.0810

7.38.0810

11-6-0

19-0-0

30-0-4

30-6-0 Over 3 Supports

7-6-0

R=1351 U=120 W=8"

R=310 W=3.5"

R=945 U=177

ALPINE

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

FL Certificate of Authorization # 0 278

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

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

7.38.0810

7.38.0810

11-6-0

19-0-0

30-0-4

30-6-0 Over 3 Supports

7-6-0

R=1351 U=120 W=8"

R=310 W=3.5"

R=945 U=177

ALPINE

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

FL Certificate of Authorization # 0 278

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

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

7.38.0810

7.38.0810

11-6-0

19-0-0

30-0-4

30-6-0 Over 3 Supports

7-6-0

R=1351 U=120 W=8"

R=310 W=3.5"

R=945 U=177

ALPINE

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

FL Certificate of Authorization # 0 278

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

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

7.38.0810

7.38.0810

11-6-0

19-0-0

30-0-4

30-6-0 Over 3 Supports

7-6-0

R=1351 U=120 W=8"

R=310 W=3.5"

R=945 U=177

ALPINE

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

FL Certificate of Authorization # 0 278

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

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

7.38.0810

7.38.0810

11-6-0

19-0-0

30-0-4

30-6-0 Over 3 Supports

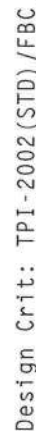
7-6-0

R=1351 U=120 W=8"

R=310 W=3.5"

R=945 U=177

The overall height of this truss excluding overhang is 9-0-6.

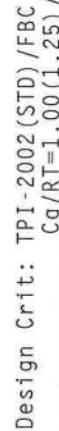


QTY: 1 FI / - / 5 / - / - / R / -

Scale = .25"/Ft.

FL Certificate of Authorization #0278
Haines City, FL 33844

The overall height of this truss excluding overhang is 7-7-11.



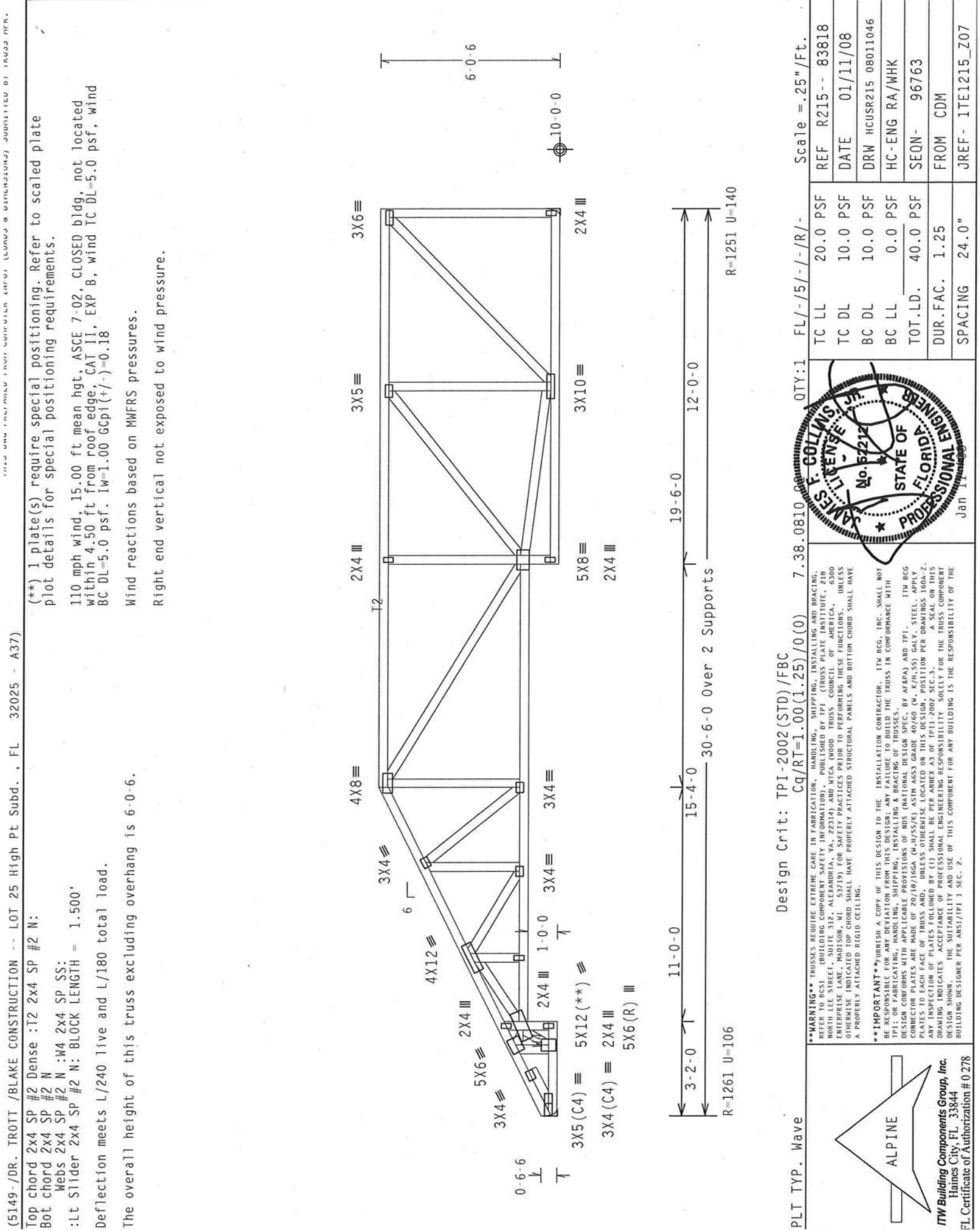
OTY:1

Scale = .25"/Ft.



TC LL	20.0	PSF	REF	R215 --	83816
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010081
BC LL	0.0	PSF	HC-ENG	EC/WHK	
TOT.LD.	40.0	PSF	SEQN-	96363	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TEL215.Z07	

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



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd., FL 32025 - A37)

Top chord 2x4 SP #2 Dense :T2 2x4 SP #2 N:
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W4 2x4 SP SS:
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-0".
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.

(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.
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.
Right end vertical not exposed to wind pressure.

Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

PLT TYP. Wave

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 RC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NTEA (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. 1TH BCG CONNECTION PLATES ARE MADE OF 2018/10GA (W/SS/SS) ASTM A653 GRADE 40/60 (W/SS/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES, BOLTS AND BRACING. UNLESS OTHERWISE INDICATED ON THIS DESIGN, POSITION PER DRAWINGS TGA-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SAFELY 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.

PLT TYP. Wave

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 RC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NTEA (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.

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PLT TYP. Wave

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

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PLT TYP. Wave

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

Top chord 2x4 SP #2 N : T1 2x4 SP #2 Dense:

top chord	ZX4 SP #2 N
Bot chord	ZX4 SP #2 N
: 11 ZX4 SP #2 Dense:	

	Bot chord	2x4 SP #2 N	-W4 SD CC.
	Webc	2x4 SP #2 N	-W4 SD CC.

WEBS 2x4 SP #2 N .W4 2x4 SP SS.
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.500'

Deflection meets L/240 live and L/180 total load.

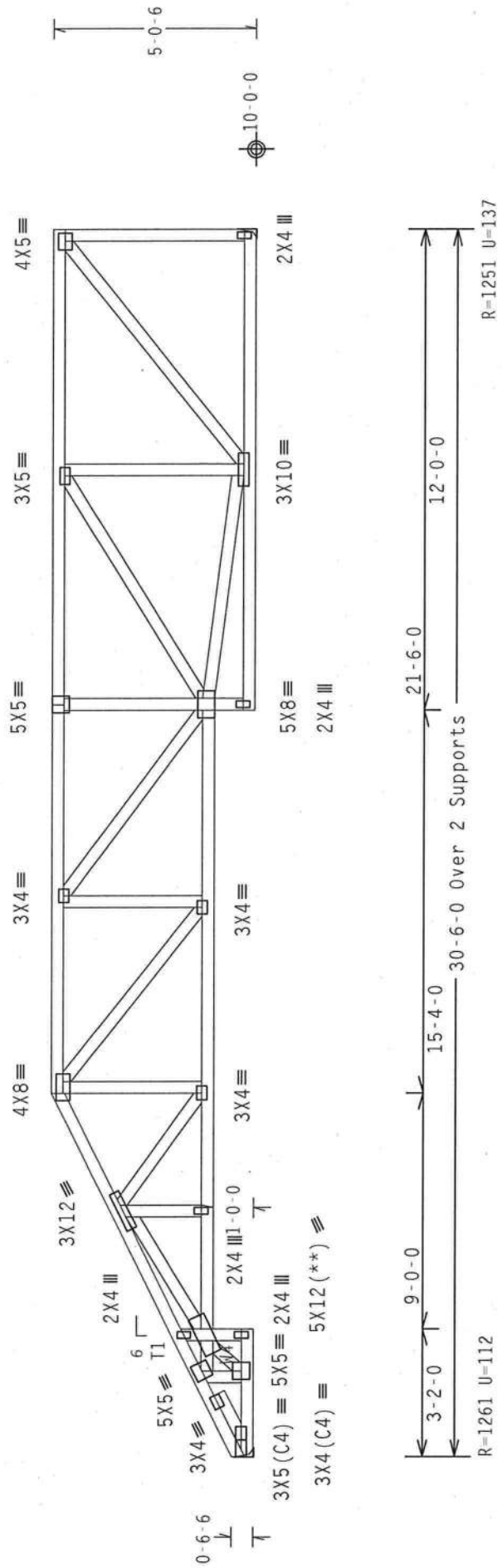
The overall height of this truss excluding overhang is 5-0-6.

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

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 GCp(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Scale = .25"/Ft.

FL/-/5/-/-/R/-

0810 QTY:1

7.38

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

Design crit:

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST SUITING COMPANY (SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48061, TEL 537/19) 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. ITM BEG., INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & WELDING OF TRUSSES. ITM BEG., INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING DURING TRANSPORTATION, STORAGE, OR INSTALLATION. ALL TRUSS CONNECTOR PLATES ARE MADE OF 2010/16GA. (4/10/5/8) WITH THICKNESS 0.040 IN. DESIGN POSITION PER DRAWINGS 160A-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 1911-2002 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/TP1 1 SEC. 2.

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	

BRACING.
UTE, 218
6300
UNLESS
SHALL HAVE
SHALL NOT
CE WITH
1TW BCG
L. APPLY
SGS 160A-2.
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COMPONENT
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[illegible][illegible]

ALPINE

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

38.0810
QTY: 1

JAN 11 2009

JAMES F. COLLINS
LICENSE
No. 52212
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

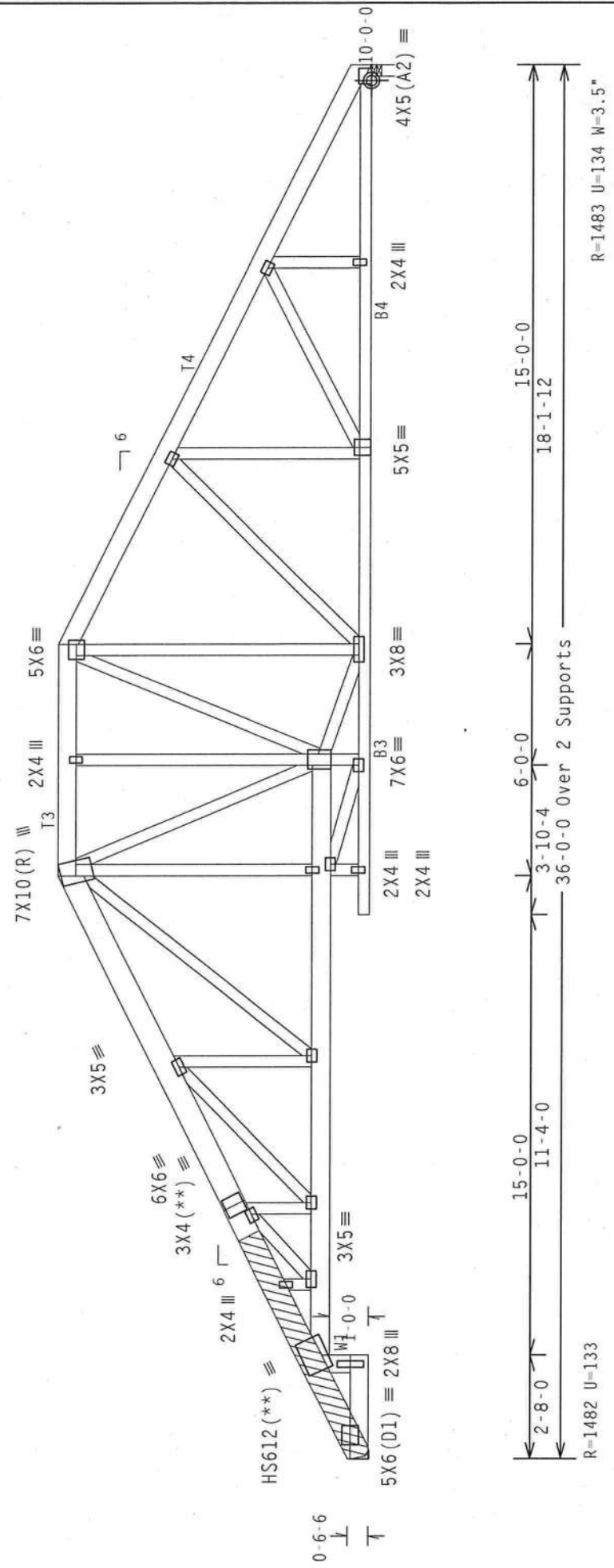
Top chord 2x8 SP #2 N : T3 2x6 SP #2 N :
:T4 2x6 SP #2 Dense:
Bot chord 2x6 SP #2 N :B3, B4 2x4 SP #2 N :
Webs 2x4 SP #2 N :W1 2x6 SP #2 N :

Calculated horizontal deflection is 0.18" due to live load and 0.19" due to dead load.

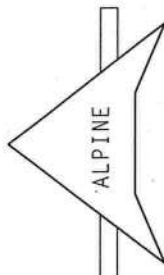
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 8-0-6.

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).

(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.
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.
(2) 2x8x6-5-6 SP #2 N scabs at left end. Attach one scab to each outer face of chord with: 0.131"x3" Gun nails @ 8" OC, Plus additional nail clusters at: BRG.: (4), heel: (9), 1st panel point: (6).



Note: All Plates Are 3X4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
PLT TYP. 20 Gauge HS, Wave
Cq/RT=1.00(1.25)/0(0) 7.38.0810 0.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.



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

JAMES F. COLLINS, P.E.
No. 54210
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 11

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	R215--	83821	DATE	01/11/08	DRW	HCUSR215	08011041	HC-ENG	RA/WHK	SEON-	96855	FROM	LRB
										JREF-	1TE1215_Z07		

****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, 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 TPI1: 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 2018/16GA (24.7/55/8) ASTM A653 GRADE 40/60 (4. K/P,SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY ITW BCG. UNLESS OTHERWISE SPECIFIED, POSITION PER DRAWINGS 160A-2. 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.

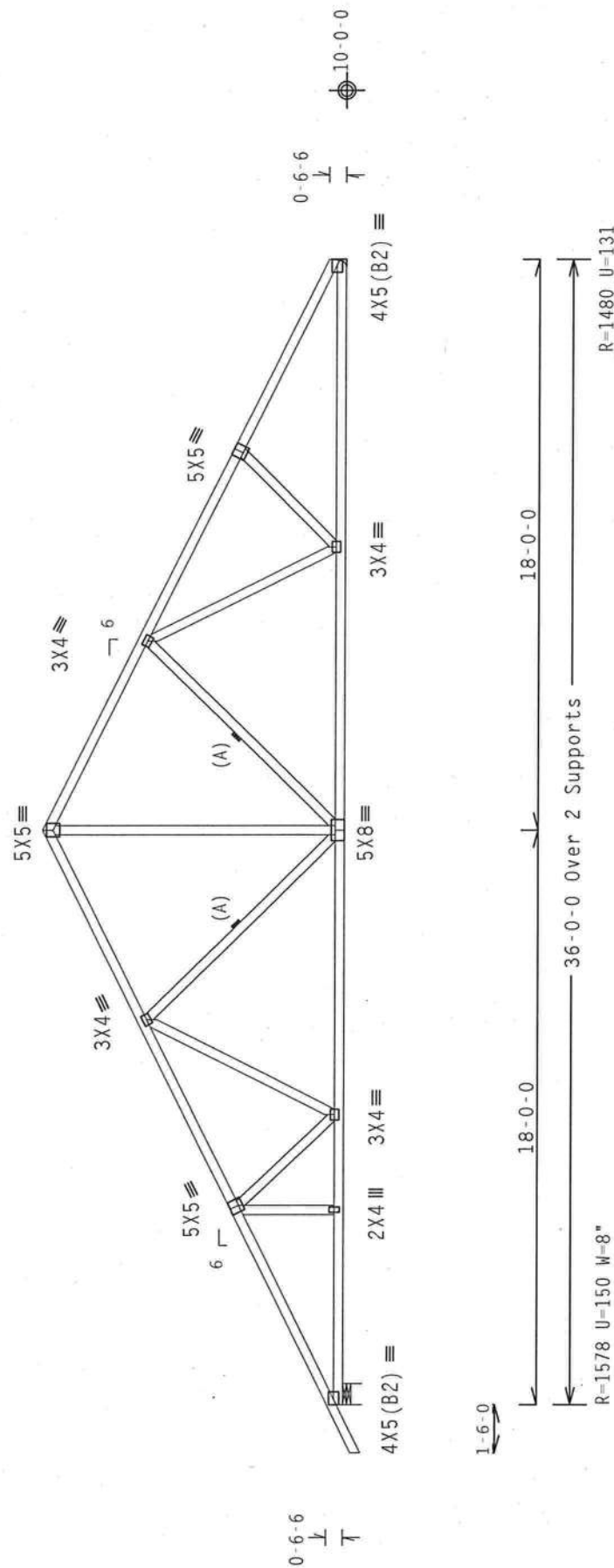
(5149- /DR. TROTT /BLACK
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-6-6.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-
Scale = .1875" / Ft.

QTY:1

[illegible]

7.38.

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

100

PLT TYP. Wave

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER FOR ALL DETAILS. FIDELITY & SONS, INC., 710 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND ARTICE TRUSS COMPANY OF AMERICA, ENTERPRISE LANE, MADISON, MI 48061, ARE THE SOLE U.S.A. AGENTS FOR THIS PRODUCT. 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 COMPLIANCE WITH TPI-1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

FURNISH THE FOLLOWING MATERIALS AND SUPPLIES TO THE INSTALLATION CONTRACTOR:

- 1. ALL STEEL PLATES TO EACH FACE OF TOP CHORD MEMBERS, BOTTOM CHORD MEMBERS, END JOINTS, AND WEBS.
- 2. ALL STEEL PLATES TO EACH FACE OF TOP CHORD MEMBERS, BOTTOM CHORD MEMBERS, END JOINTS, AND WEBS.

IF AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN ASSOCIATION FOR DRAMATICS 1608-2.

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

PER SUBMITTAL/TPI 1 SEC. 2.



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

Top chord 2x4 SP #2 N :T4 2x6 SP #2 Dense:
Bot chord 2x4 SP #2 N :B2 2x6 SP #2 Dense:
Webs 2x4 SP #2 N
Lt Wedge 2x4 SP #2 N.

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.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

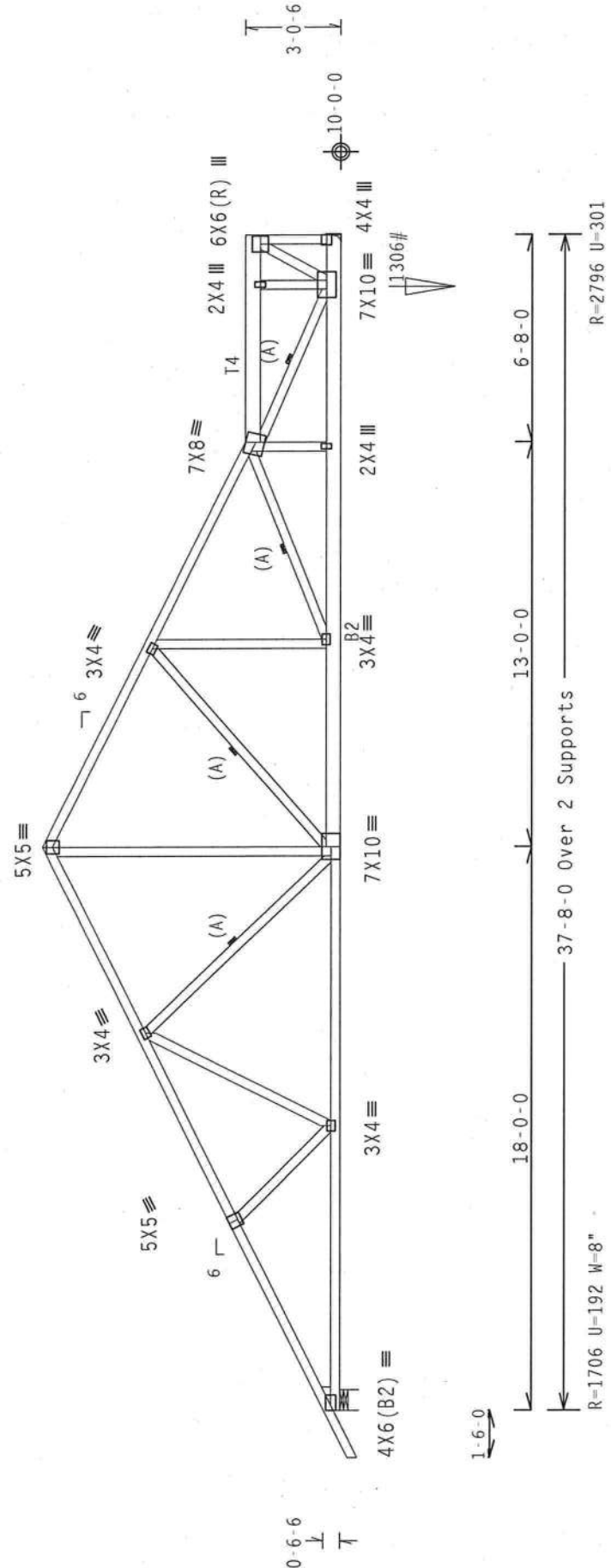
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-6-6.

SPECIAL LOADS

		(LUMBER	DUR.FAC.=1.25	/	PLATE	DUR.FAC.=1.25)
IC	From	62	PLF at -1.50	to	62	PLF at 5.98
IC	From	62	PLF at 5.98	to	62	PLF at 18.00
IC	From	62	PLF at 18.00	to	62	PLF at 31.00
IC	From	62	PLF at 31.00	to	62	PLF at 37.67
BC	From	20	PLF at 0.00	to	20	PLF at 18.00
BC	From	20	PLF at 18.00	to	20	PLF at 37.67
BC	-	1306	LB Conc.	Load at	36.06	

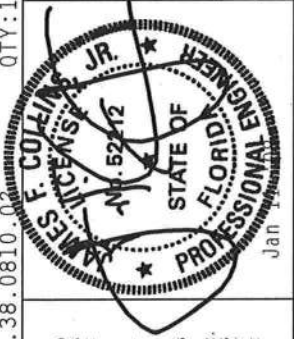
wind reactions based on MNFRS pressures.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875" / Ft.

TC LL	20.0	PSF	REF R215-- 83824
TC DL	10.0	PSF	DATE 01/11/08
BC DL	10.0	PSF	DRW HCUSR215 08011042
BC LL	0.0	PSF	HC-ENG RA/WHK
TOT.LD.	40.0	PSF	SEQN- 96833
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TE1215_Z07

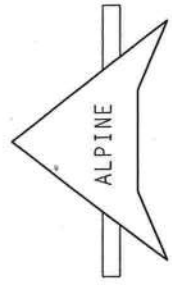


****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE DRAWING COMPONENT SAFETY INFORMATION, PUBLISHED BY: (1) CHASSIS PLATE INSTITUTE, 100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314; AND (2) AISC, 60001 TRUSS, COUNCIL OF AMERICA, 63000 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.

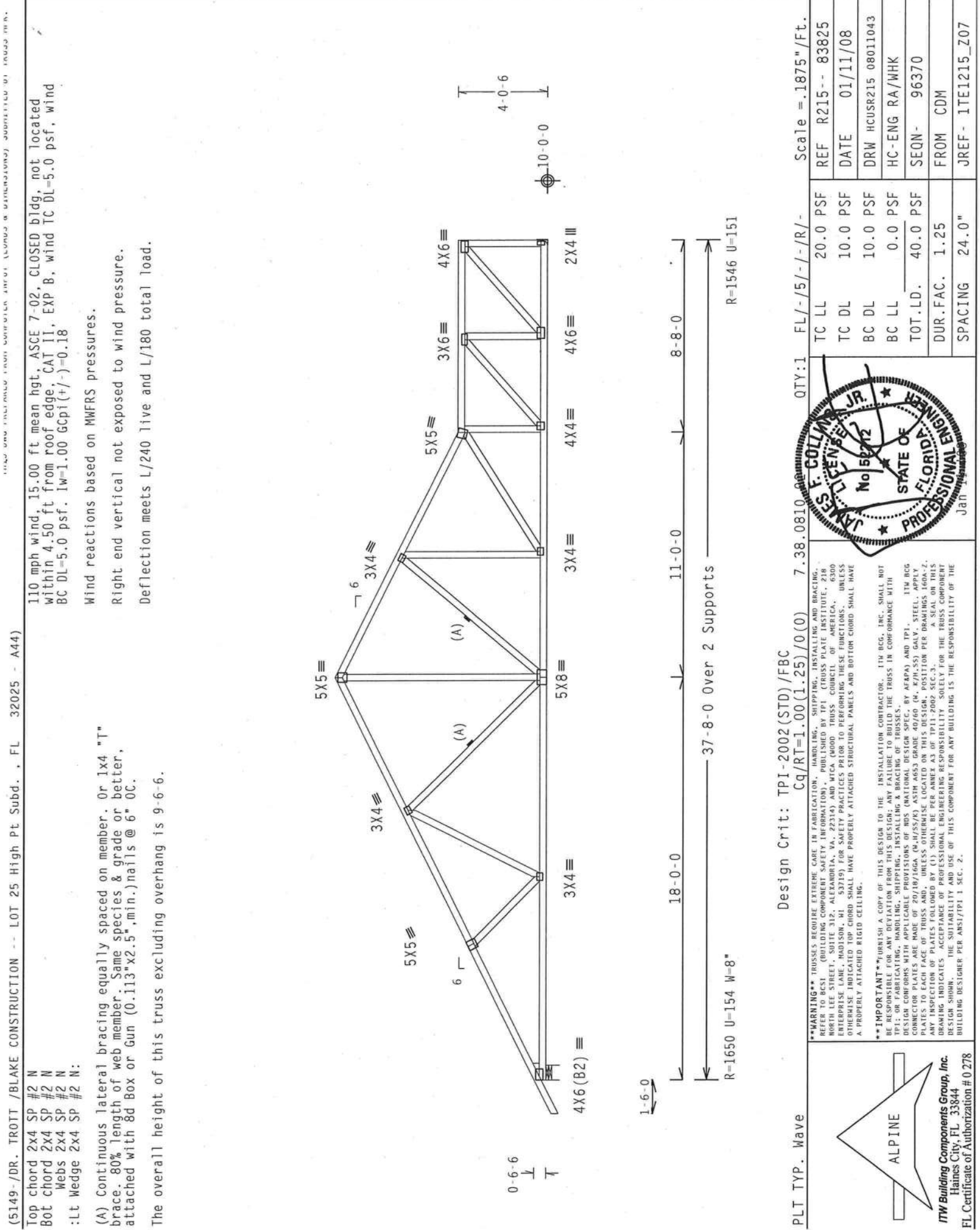
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TP1. CONNECTION PLATES ARE MADE OF 2010/106GA (4.0/55/9) ASTM A653 GRADE 40/60 (4.0/55) 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 A3 OF TP1-2002 SEC.3.

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/TP1 3 SEC. 2.



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



(5149-DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025 - A44)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
Lt Wedge 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

The overall height of this truss excluding overhang is 9'-6-6".

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 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Scale = .1875" / Ft.

QTY: 1

FL / - / 5 / - / - / 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 R215-- 83825

DATE 01/11/08

DRW HCUSR215 08011043

HC-ENG RA/WHK

SEQN- 96370

FROM CDM

JREF- 1TE1215_Z07

Design Crit: TPI-2002(STD)/FBC

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

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

7.38-.0810

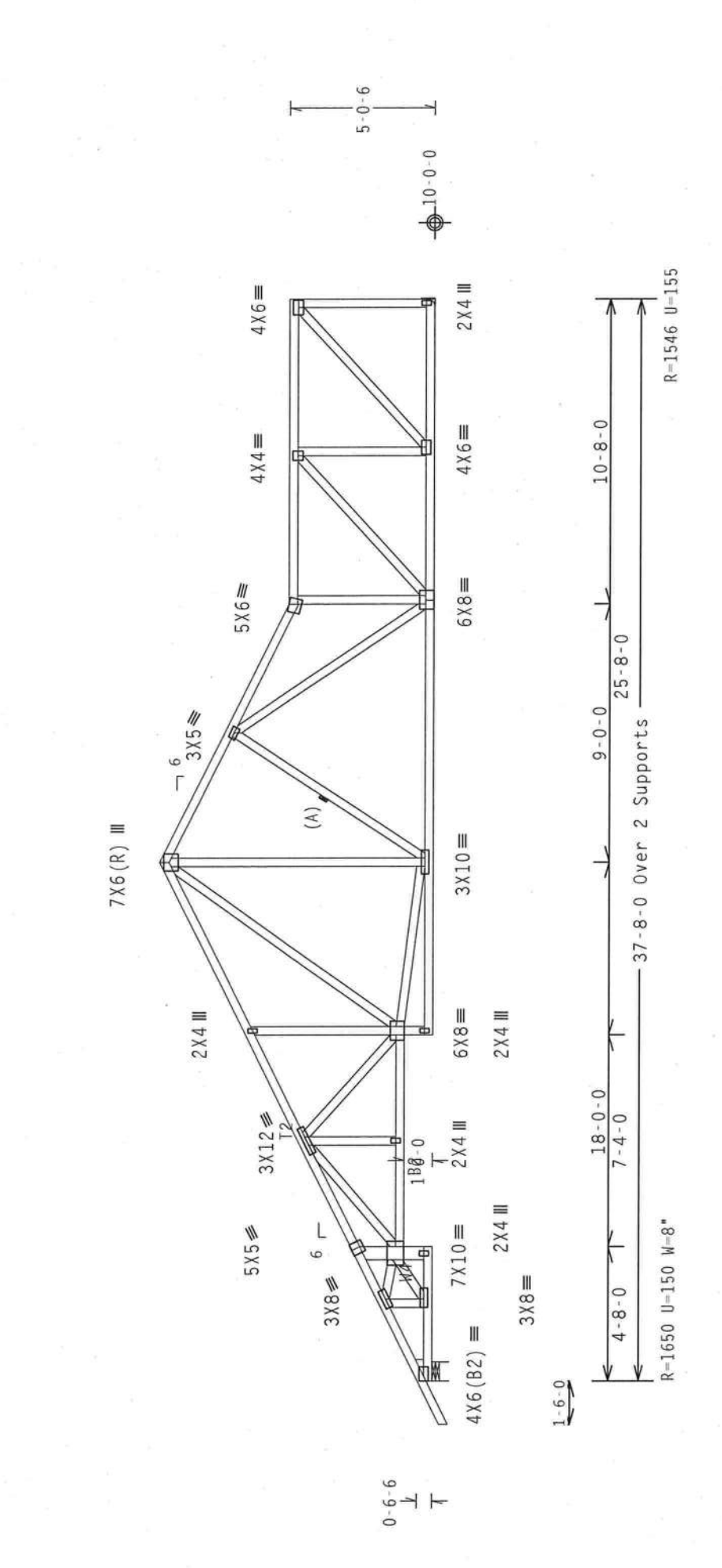
7.38-.0810

7.38-.0810

Top chord 2x4 SP #2 N :T2 2x4 SP SS:
Bot chord 2x4 SP #2 N :B2 2x4 SP #2 Dense:
Webs 2x4 SP #2 N :W4 2x6 SP SS:
:Lt Wedge 2x4 SP #2 N:

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.
The overall height of this truss excluding overhang is 9-6-6.

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 GCpl(+/-)=0.18
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

Scale = .1875" /Ft.

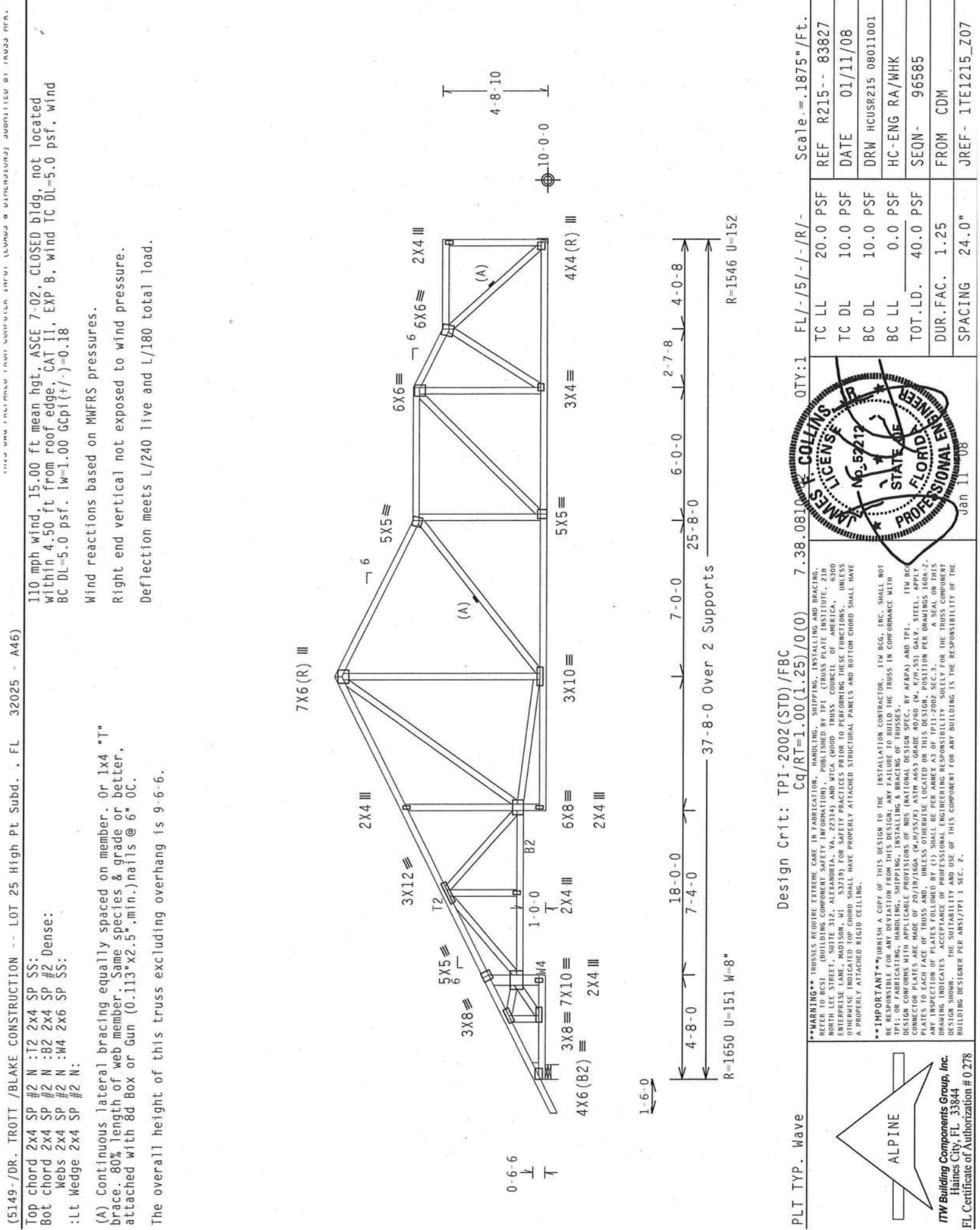
QTY:1

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 R215-- 83826
DATE 01/11/08
DRW HCUSR215 08011044
HC-ENG RA/WHK
SEQN- 96579
FROM CDM
JREF- 1TE1215_Z07

SALES F. COLLINS
No. E2212-
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 11 08

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



(5149-DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. . FL 32025 - A46)

Top chord 2x4 SP #2 N :T2 2x4 SP SS:
Bot chord 2x4 SP #2 N :B2 2x4 SP #2 Dense:
Webs 2x4 SP #2 N :W4 2x6 SP SS:
:Lt Wedge 2x4 SP #2 N:

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "J" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.
The overall height of this truss excluding overhang is 9-6-6.

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.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

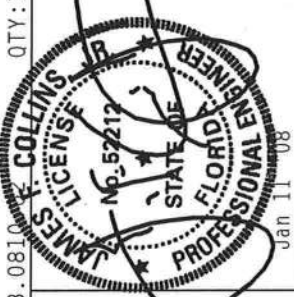
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

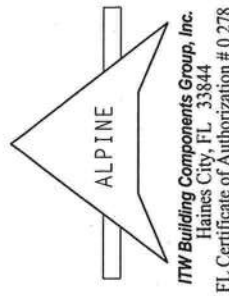
Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.

PLT TYP. Wave	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0(0)	7.38.0810	QTY:1	FL/-/5/-/-/R/-	Scale=.1875"/Ft.
				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	R215-- 83827
				DATE	01/11/08
				DRW	HCUSR215 08011001
				HC-ENG	RA/WHK
				SEQN-	96585
				FROM	CDM
				JREF-	1TE1215_Z07



****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS POINTS OF INTEREST), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND MICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, MI 48061 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, INC. CONNECTOR PLATES ARE MADE OF 2018/16GA (M-H/SS/P) ASTM A653 GRADE 40/60 (M, K/M,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 TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE DESIGNER'S PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Top chord 2x4 SP #2 N : T2 2x4 SP SS:
 Bot chord 2x4 SP #2 N : B2 2x4 SP #2 Dense:
 Webs 2x4 SP #2 N : W4 2x6 SP SS:
 :LT Wedge 2x4 SP #2 N :

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace, 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.

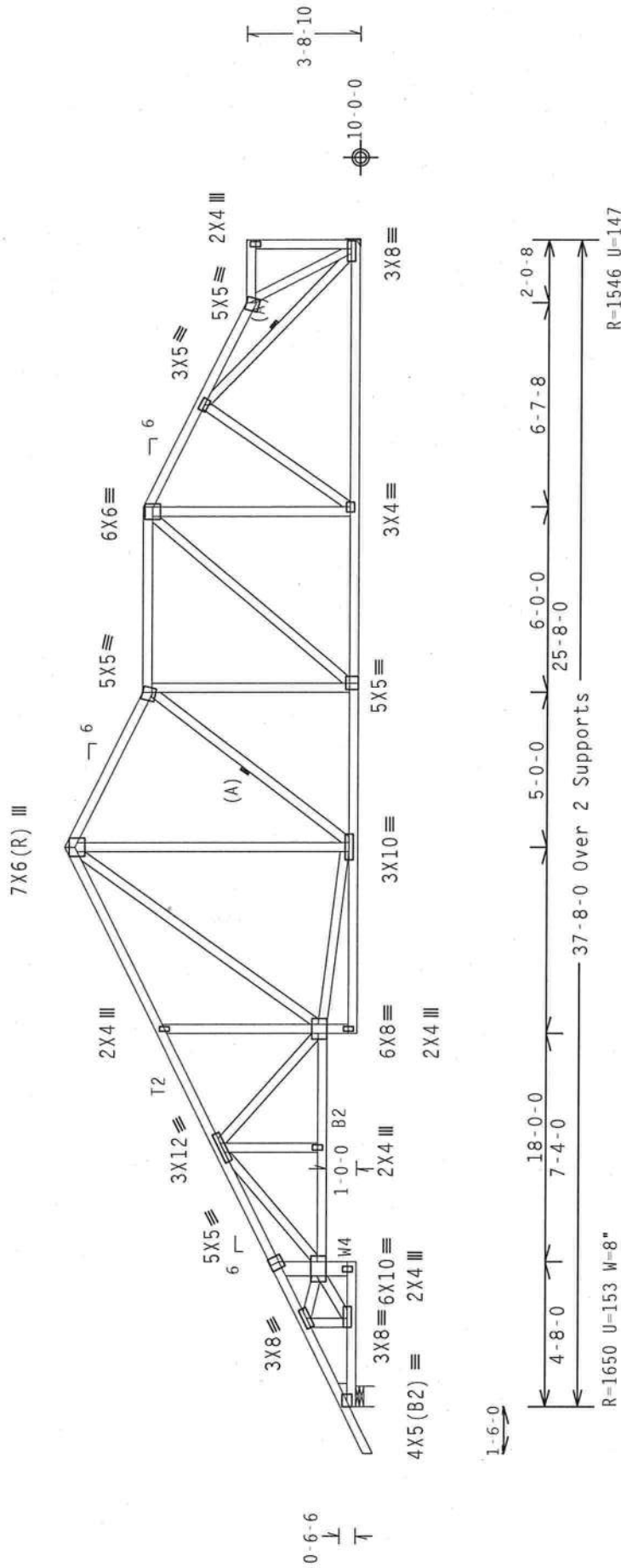
The overall height of this truss excluding overhang is 9-6-6.

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.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

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

Scale = .1875"/Ft.

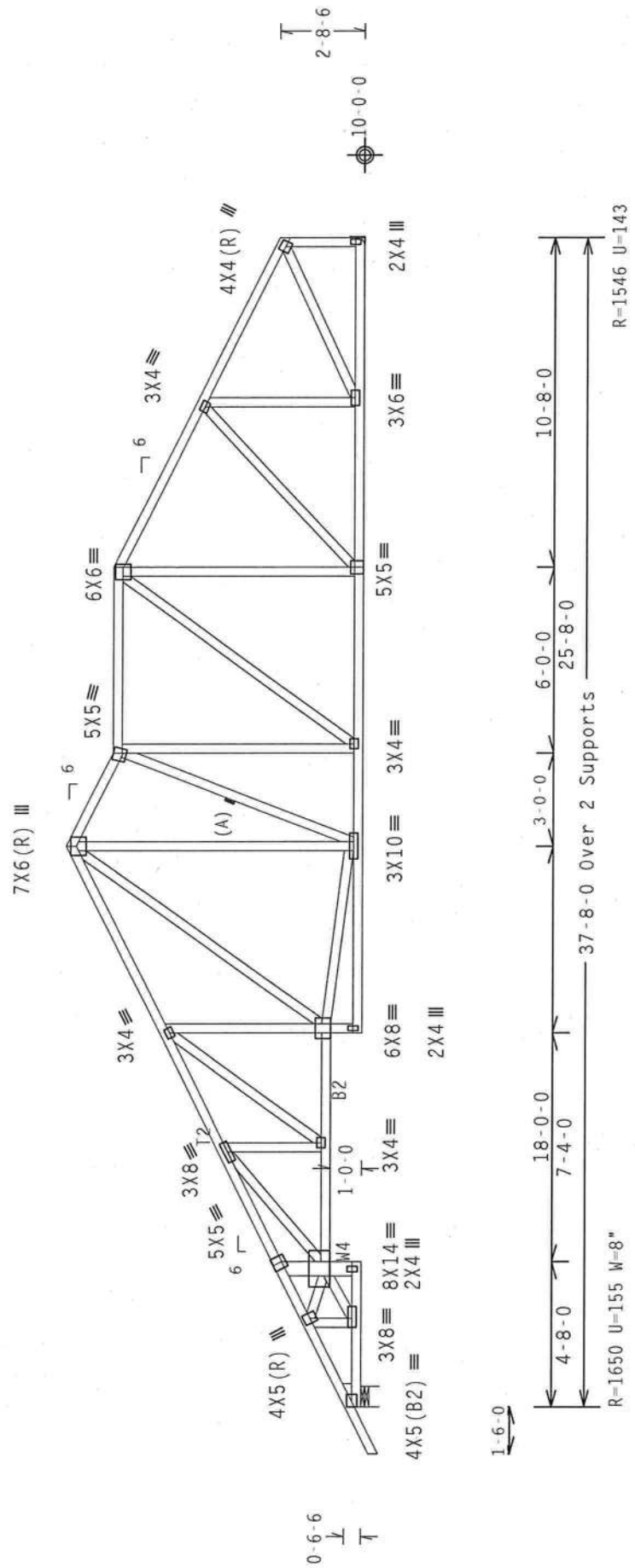
[illegible]

Top chord 2x4 SP #2 N :T2 2x4 SP SS:
Bot chord 2x4 SP #2 N :B2 2x4 SP #2 Dense:
Webs 2x4 SP #2 N :W4 2x6 SP SS:
Lt Wedge 2x4 SP #2 N:

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5".min.)nails @ 6" OC.
The overall height of this truss excluding overhang is 9-6-6.

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 GCp1(+/-)=0.18

Wind reactions based on MMFRS pressures.
Right end vertical not exposed to wind pressure.
Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

Scale = .1875"/Ft.

QTY:1 FL/-/5/-/-/R/-

TC LL	20.0 PSF	REF	R215--	83829
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR215	08011003
BC LL	0.0 PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	96597	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z07	

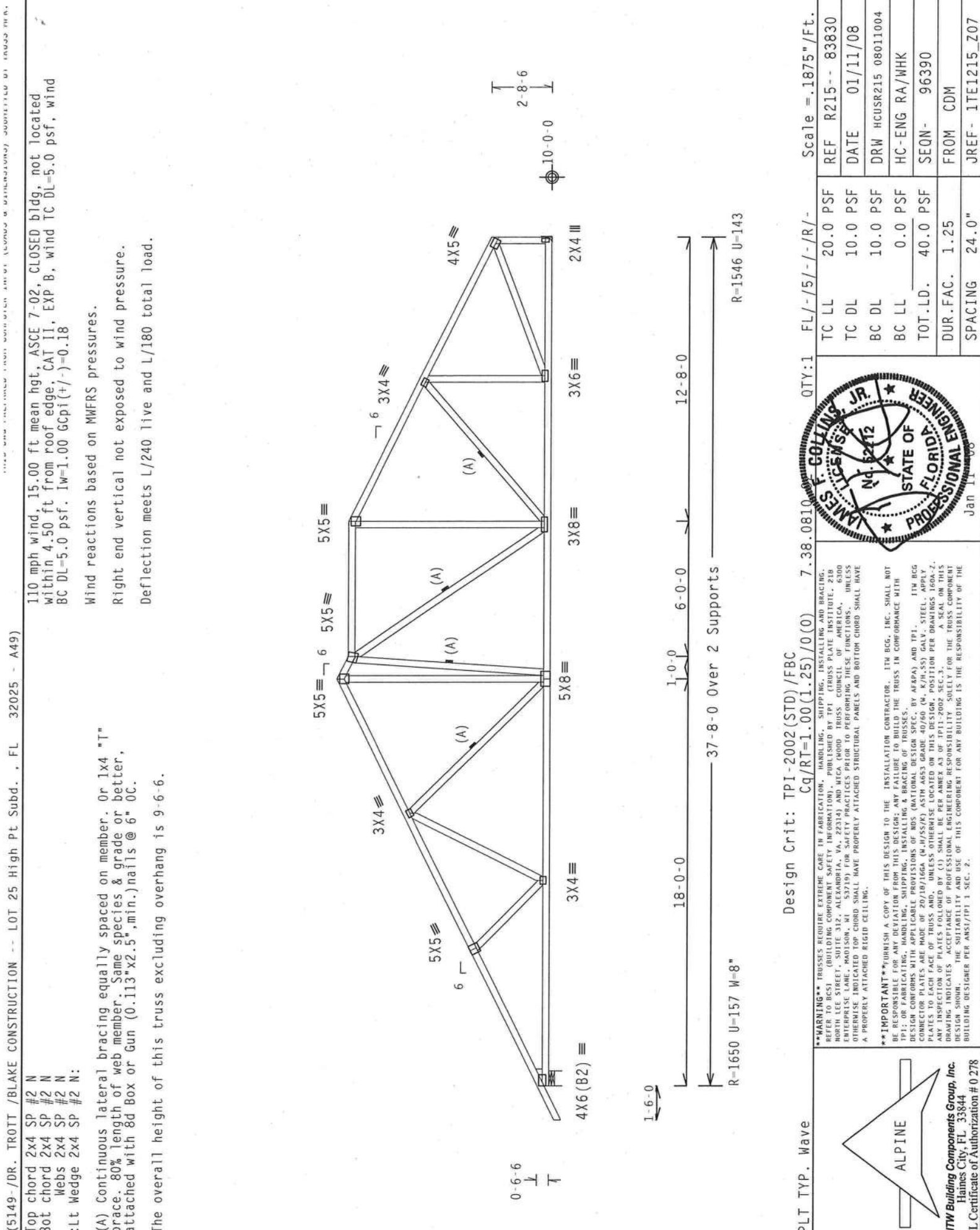
ALPINE

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 52242
F. COLLINS
JAN 11 08

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, 22304, AND NITCA (NORTH 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 BCS, 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 BCS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL DESIGN SPEC. BY AIA) AND TPI. ITW BCS PLATE DESIGNER PLATES ARE PROVIDED PER 2010/1600 (4-H/SS/PS) ASTM A653 GRADE 40/60 (4, 4/H/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY SHALL BE THE RESPONSIBILITY OF THE TRUSS CONTRACTOR. THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS CONTRACTOR'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.



(5149-DR, TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd., FL 32025 - A49)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
Lt Wedge 2x4 SP #2 N:

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5".min.)nails @ 6" OC.

The overall height of this truss excluding overhang is 9'-6-6.

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 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/0(0) 7.38.0810

PLT TYP. Wave

Scale = .1875"/Ft.

QTY:1	FL/-/5/-/-/R/-	TC LL	20.0 PSF	REF	R215-- 83830
		TC DL	10.0 PSF	DATE	01/11/08
		BC DL	10.0 PSF	DRW	HCUSR215 08011004
		BC LL	0.0 PSF	HC-ENG	RA/WHK
		TOT.LD.	40.0 PSF	SEQN-	96390
		DUR.FAC.	1.25	FROM	CDM
		SPACING	24.0"	JREF-	1TE1215_Z07

1-6-0
18-0-0
6-0-0
12-8-0
37-8-0 Over 2 Supports
R=1650 U=157 W=8"
R=1546 U=143

0-6-6
2-8-6
10-0-0

4X6 (B2) =
3X4 =
5X5 =
3X4 =
5X5 =
3X8 =
3X6 =
2X4 =
4X5 =

6
(A)
(A)
(A)
(A)

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

James F. Collins, Jr.
Professional Engineer
State of Florida
No. 52112
Jan 11 2008

ITW BCG
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314
ENTERPRISE LANE, MADISON, WI 53719
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 THE DESIGN SHALL BE THE RESPONSIBILITY OF 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.

	Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N	
		webs	2x4	SP	#2	N
:Lt	Wedge	2x4	SP	#2	N	

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

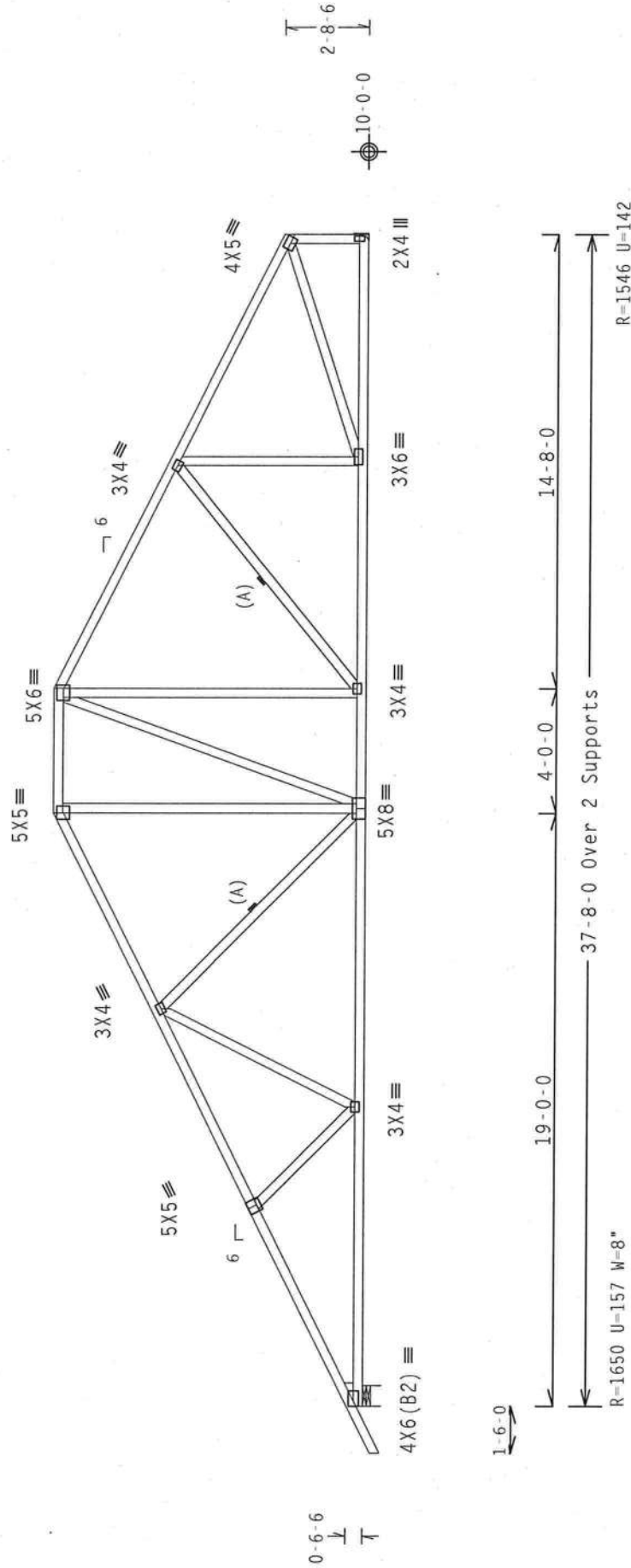
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.

The overall height of this truss excluding overhang is 10-0-6.



Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-/-
Scale = .1875"/Ft.

PLT TYP. Wave

TC LL	20.0	PSF	REF	R215--	83831
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCUSR215	08011005
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEQN-	96388	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215	Z07

[illegible]

****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 CONCERNS THE INSTALLER, INCLUDING SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 2010-T3 ALUMINUM (4076 H-14) GALV. STEEL, APPLY TO ALL TRUSSES. ALL TRUSSES SHALL BE FABRICATED TO THE NATIONAL DESIGN SPEC. BY ACPA AND TPI. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE TRUSS SHALL BE FABRICATED TO THE NATIONAL DESIGN SPEC. BY ACPA AND TPI.

IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABX8 A3 OF TPI-2002-SEC.1. THE TRUSS CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS. THE TRUSS SHALL BE FABRICATED TO THE NATIONAL DESIGN SPEC. BY ACPA AND TPI. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE TRUSS SHALL BE FABRICATED TO THE NATIONAL DESIGN SPEC. BY ACPA AND TPI.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABX1/TPI 1 SEC. 2.



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

Top chord 2x4 SP #2 N

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N :W1, W2, W4, W5 2x4 SP SS:

: Lt Bearing Leg 2x8 SP #2 N:

Calculated horizontal deflection is 0.28" due to live load and 0.19" due to dead load.

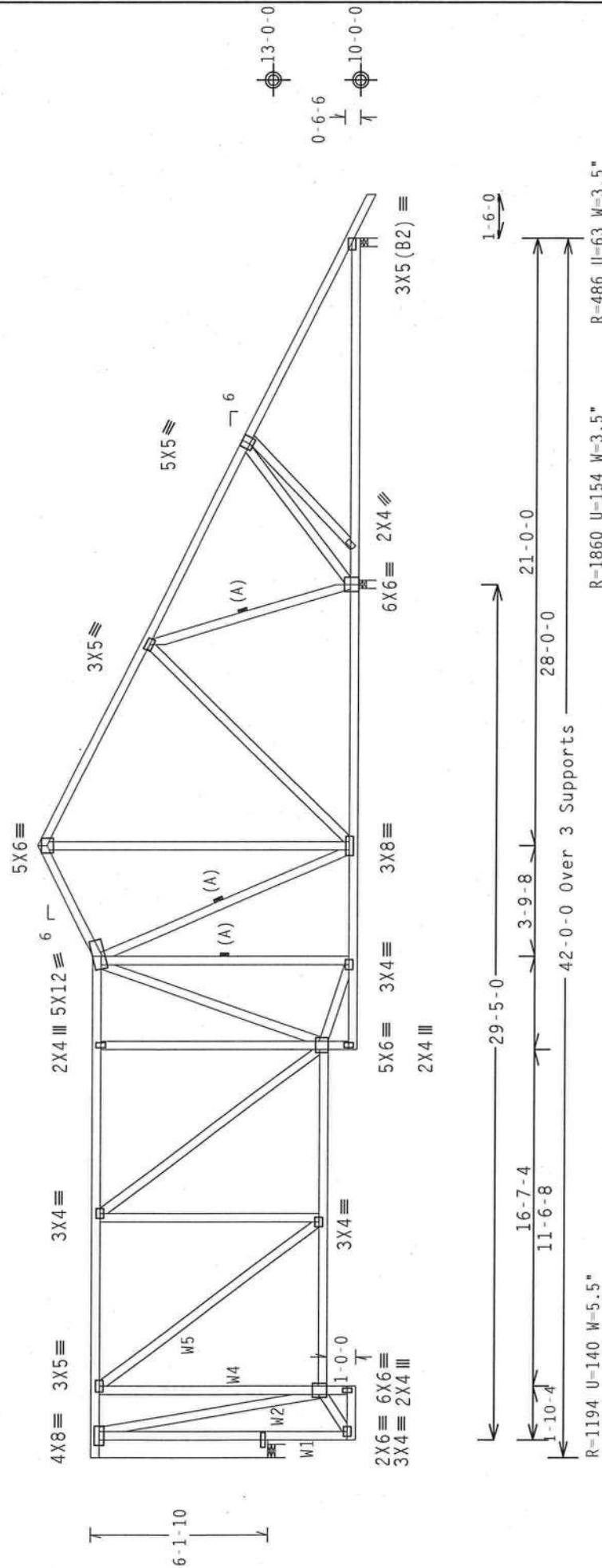
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-0-6.

1110 mph wind, 15.41 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, 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.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5"min.) nails @ 6" OC.

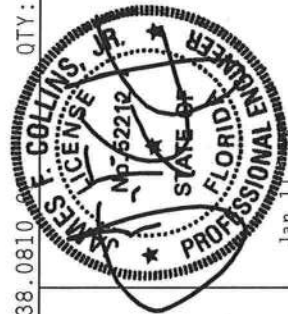


Design Crit: TPI-2002(STD)/FBC

OTY:1 FL/-/5/-/-/R/- Scale = 1875"/Ft

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PLEASE REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY CRIBBS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND CONTACT THE CRIBBS PLATE INSTITUTE, CRIBBS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, FOR SAFETY PRACTICES RELATING TO PERFORMING THESE FUNCTIONS. OTHERWISE, INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID, C

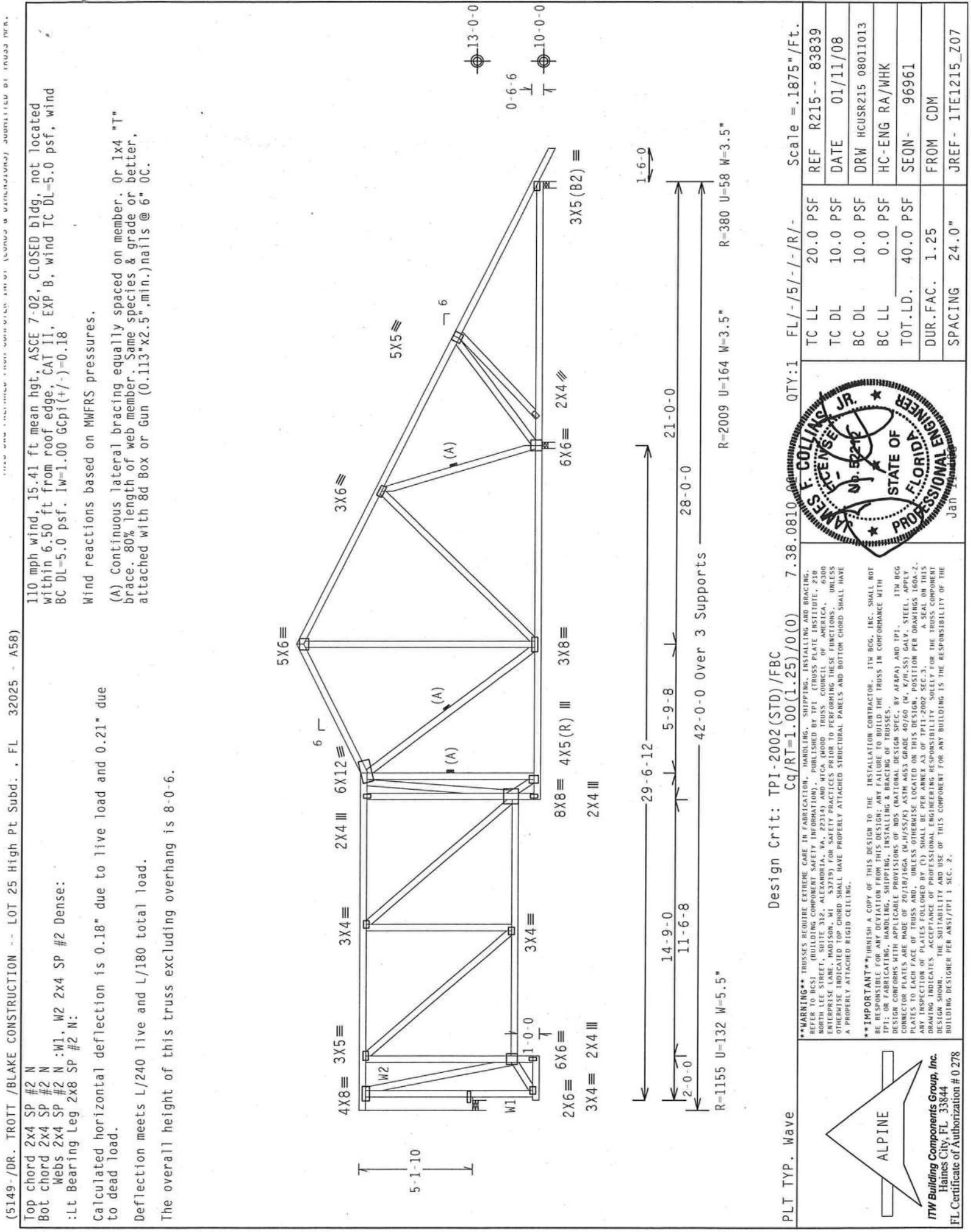
[illegible]

TC LL	20.0 PSF	REF	R215--	83838
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR215 08011012	
BC LL	0.0 PSF	HC-ENG RA/WHK		
TOT.LD.	40.0 PSF	SEQN-	96958	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215 Z07	

ITW Building Components Group, Inc.

Haines City, FL 33844

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



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. . FL 32025 - A58)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W1, W2 2x4 SP #2 Dense:
:Lt Bearing Leg 2x8 SP #2 N:

Calculated horizontal deflection is 0.18" due to live load and 0.21" due to dead load.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8'-0-6".

110 mph wind, 15.41 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. lw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

Scale = .1875" / Ft.

QTY:1 FL/-/5/-/R/-

REF R215-- 83839

DATE 01/11/08

DRW HCUSR215 08011013

HC-ENG RA/WHK

SEQN- 96961

FROM CDM

JREF- 1TE1215_Z07

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

Scale = .1875" / Ft.

QTY:1 FL/-/5/-/R/-

REF R215-- 83839

DATE 01/11/08

DRW HCUSR215 08011013

HC-ENG RA/WHK

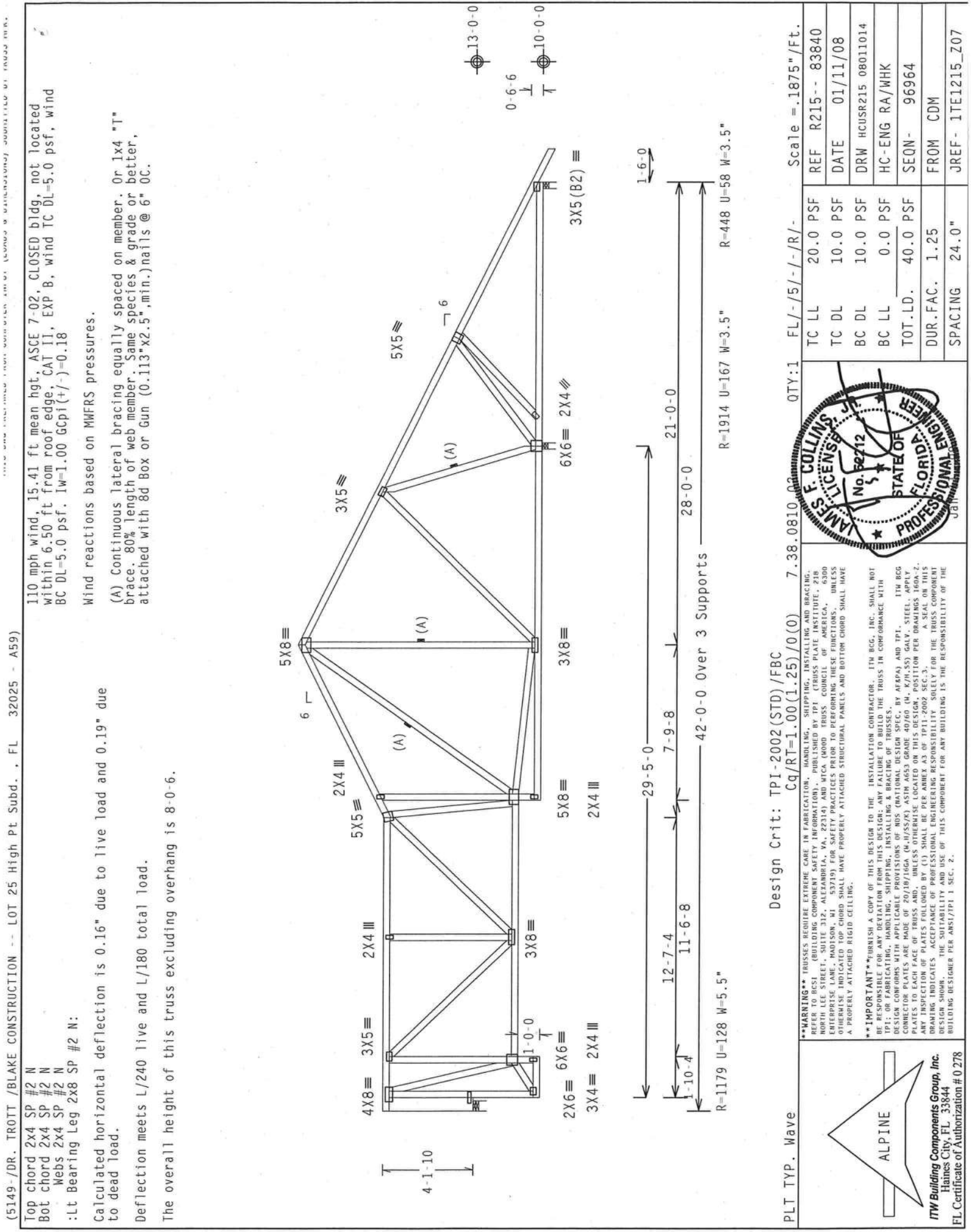
SEQN- 96961

FROM CDM

JREF- 1TE1215_Z07

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC



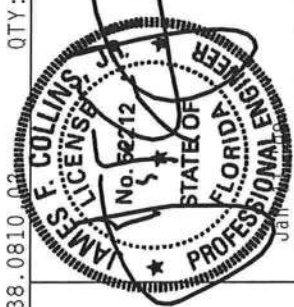
(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd., FL 32025 - A59)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
Lt Bearing Leg 2x8 SP #2 N

Calculated horizontal deflection is 0.16" due to live load and 0.19" due to dead load.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 8-0-6.

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

QTY:1	FL/-/5/-/R/-	Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R215-- 83840
TC DL	10.0 PSF	DATE 01/11/08
BC DL	10.0 PSF	DRW HCUSR215 08011014
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEQN- 96964
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215_Z07

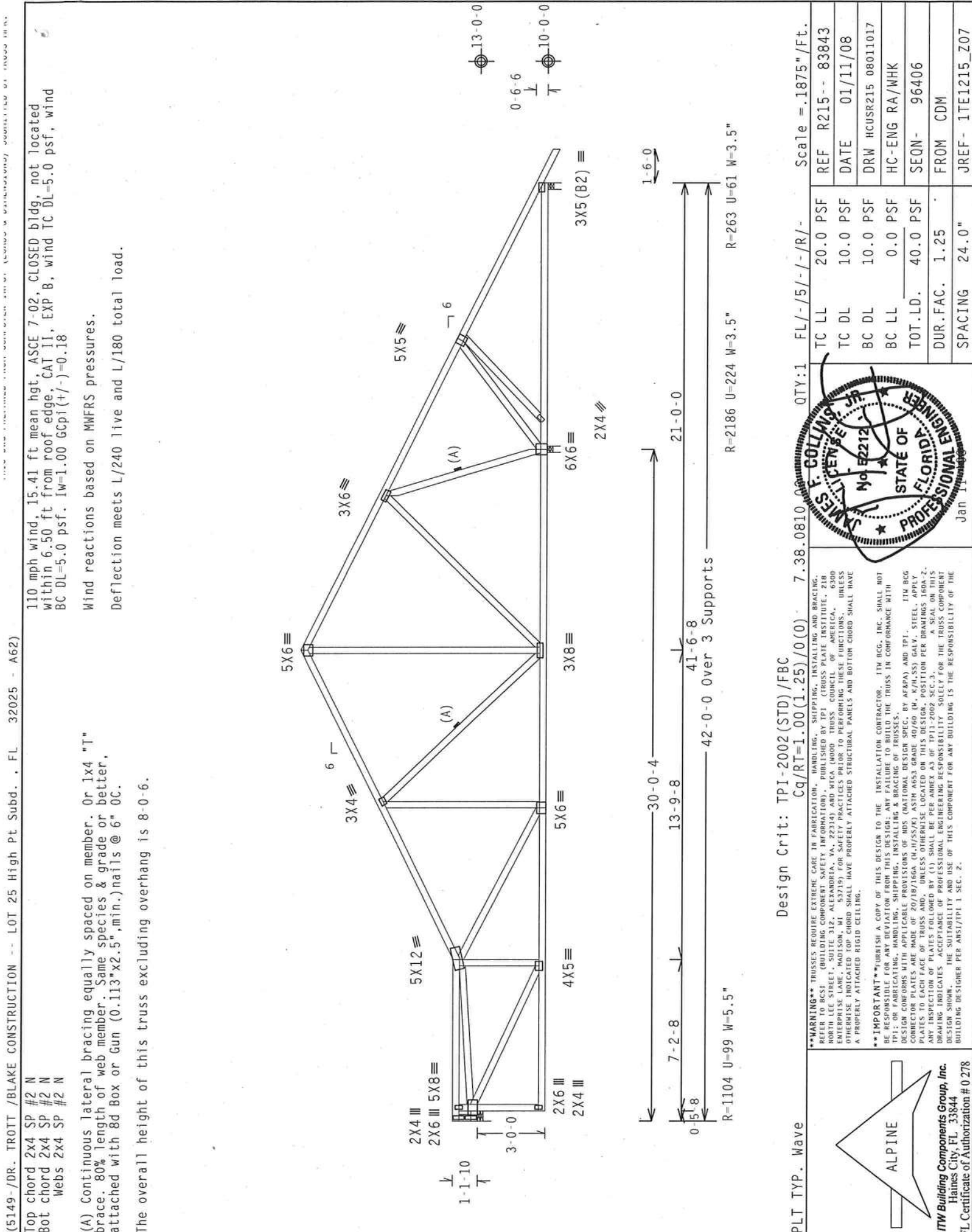


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 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. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (0.0155/0.01875/0.0125) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. SECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANGLE AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND PROFESSIONAL ENGINEERING RESPONSIBILITY 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



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd., FL 32025 - A62)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "I" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

The overall height of this truss excluding overhang is 8-0-6.

110 mph wind, 15.41 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. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

Scale = .1875" / Ft.

QTY:1	FL/-/5/-/-/R/-	TC LL	20.0 PSF	REF	R215--	83843
		TC DL	10.0 PSF	DATE	01/11/08	
		BC DL	10.0 PSF	DRW	HCUSR215	08011017
		BC LL	0.0 PSF	HC-ENG	RA/WHK	
		TOT.LD.	40.0 PSF	SEQN-	96406	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JREF-	1TE1215_Z07	

Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

PLT TYP. Wave

Scale = .1875" / Ft.

REF R215-- 83843

DATE 01/11/08

DRW HCUSR215 08011017

HC-ENG RA/WHK

SEQN- 96406

FROM CDM

JREF- 1TE1215_Z07

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (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. ITW BCG CONTRACTOR PLATES ARE MADE OF 1/4" (6.35mm) GALV. STEEL, APPLIED TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWING 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER 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.

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

ALPINE

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
JAMES F. COLLINS, P.E.
No. 82212

Jan 11 2008

Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N
Web	2x4	SP	#2 N

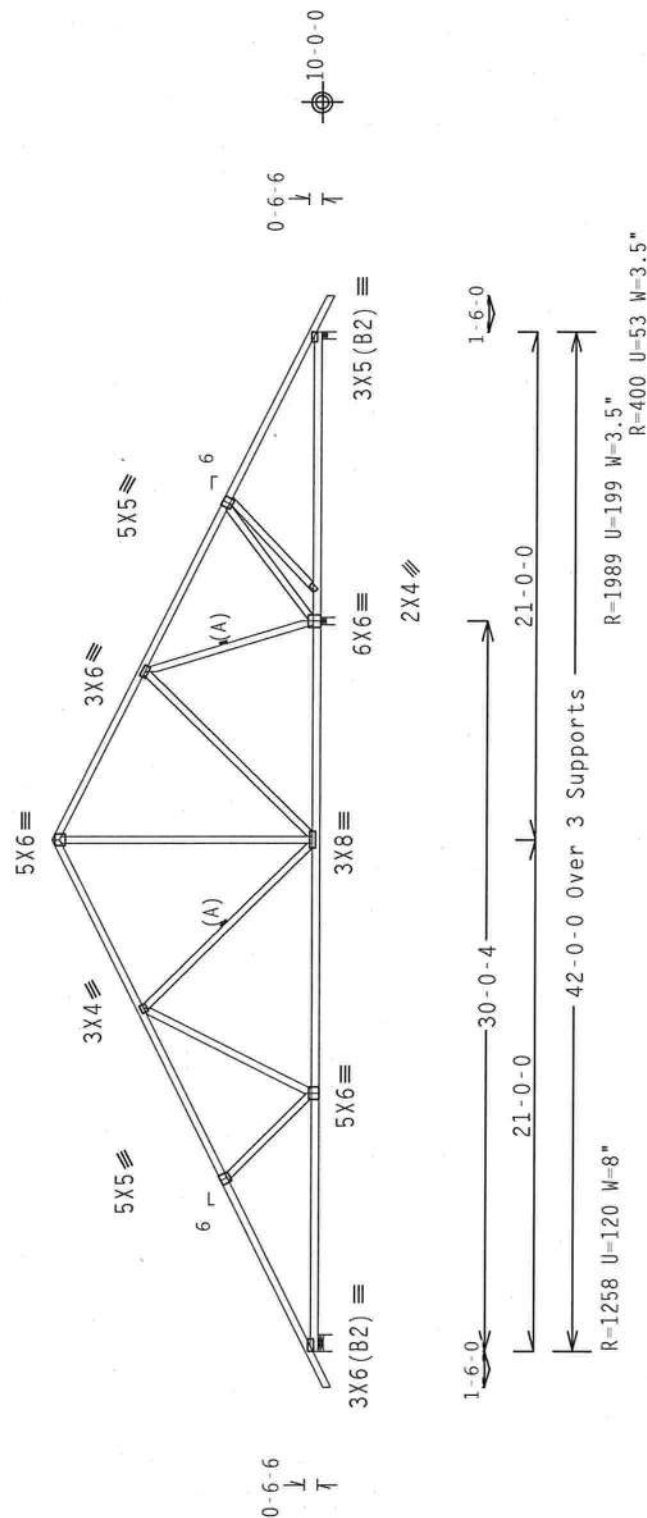
1110 mph wind, 15.41 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5" min.) nails @ 6" OC.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 11-0-6.



R=1989 U=199 W=3.5"
R=400 U=53 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810-2

Scale = 125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN INFORMATION, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLASTIC INSTITUTE), 2300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WCA (WOOD 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.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, BY TPI (TRUSSING, INSTALLING AND BRACING). PREFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSSING PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 WILSON AVENUE, SUITE 100, WILSON, NC 27157). OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

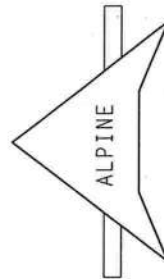
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DESIGN ERRORS OR OMISSIONS. ITW BCG, INC. SHALL BE RESPONSIBLE FOR THE TRUSSING AND BRACING OF THE TRUSS IN CONFORMANCE WITH THE TRUSSING AND BRACING INFORMATION OF THE TRUSSING PLATE INSTITUTE (TPI) AND THE WOOD TRUSS COUNCIL OF AMERICA (MTCA).

****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, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 MONTELEONE LANE, HOUSTON, TX 77057) 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 ANCHORED 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 OR BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFIC, BY AERPAQ AND TPI. ALL CONNECTION PLAYERS ARE MADE OF 2019T16604 (HJ/S55) ASTM A653 GRADE 40/68 (H, K7N-S5) GALV. STEEL. APPLY DESIGNER'S RECOMMENDATIONS LOCATED ON THIS DESIGN, POSITION FOR DRUMMS 160A-2.

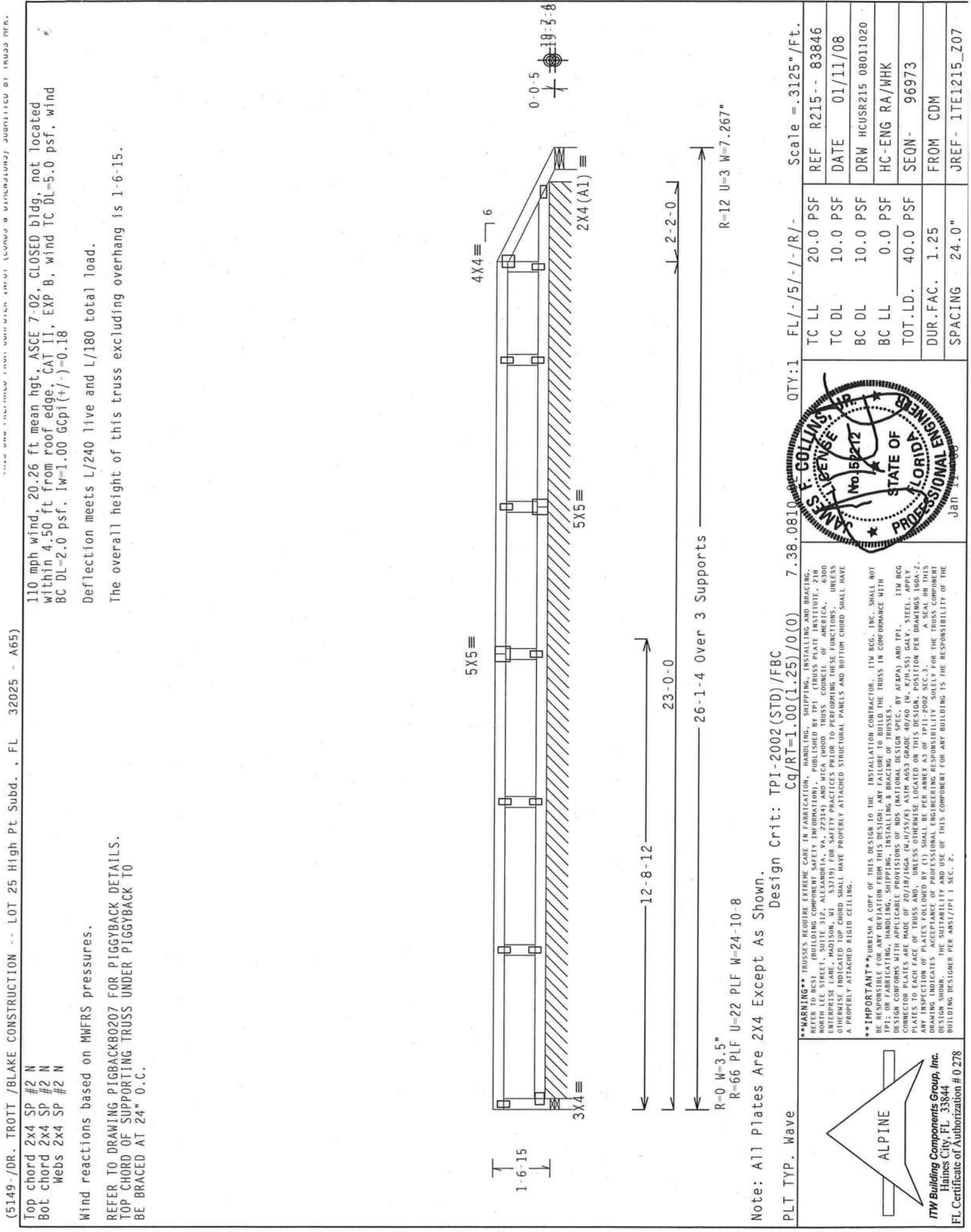
ANY INSPECTION OF PLATES FOLLOWED BY PHOTOGRAPHY REQUIRED FOR THE TRUSS. ALL DRAWINGS INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. NO OTHER PART OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANSI/TPI 1 SEC. - 2.



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

FL Certificate of Authorization #0278

TC LL	20.0	PSF	REF R215-- 83844
TC DL	10.0	PSF	DATE 01/11/08
BC DL	10.0	PSF	DRW HCURS215 08011018
BC LL	0.0	PSF	HC-ENG RA/WHK
TOT.LD.	40.0	PSF	SEQN- 96408
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TE1215 Z07



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025 - A65)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

REFER TO DRAWING PIGGYBACK0207 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO
BE BRACED AT 24" O.C.

110 mph wind, 20.26 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. lw=1.00 GCpl (+/-)=0.18

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 1-6-15.

Design Crit: TPI-2002 (STD) /FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

PLT TYP. Wave

Scale = .3125"/Ft.

QTY:1	FL/-/5/-/-/R/-	TC LL	20.0 PSF	REF	R215--	83846
		TC DL	10.0 PSF	DATE	01/11/08	
		BC DL	10.0 PSF	DRW	HCUSR215	08011020
		BC LL	0.0 PSF	HC-ENG	RA/WHK	
		TOT.LD.	40.0 PSF	SEQN-	96973	
		DUR.FAC.	1.25	FROM	CDM	
		SPACING	24.0"	JREF-	1TE1215_Z07	

NOTE: ALL PLATES ARE 2X4 EXCEPT AS SHOWN.

R-0 W-3.5"
R-66 PLF U-22 PLF W-24-10-8

1-6-15

12-8-12

23-0-0

26-1-4 Over 3 Supports

2-2-0

R=12 U=3 W=7.267"

4X4

5X5

2X4 (A1)

3X4

0-0-5

1-6-15

3X4

5X5

4X4

2X4 (A1)

0-0-5

1-6-15

3X4

5X5

4X4

2X4 (A1)

0-0-5

1-6-15

3X4

5X5

4X4

2X4 (A1)

0-0-5

1-6-15

3X4

5X5

4X4

2X4 (A1)

0-0-5

1-6-15

3X4

5X5

4X4

2X4 (A1)

0-0-5

1-6-15

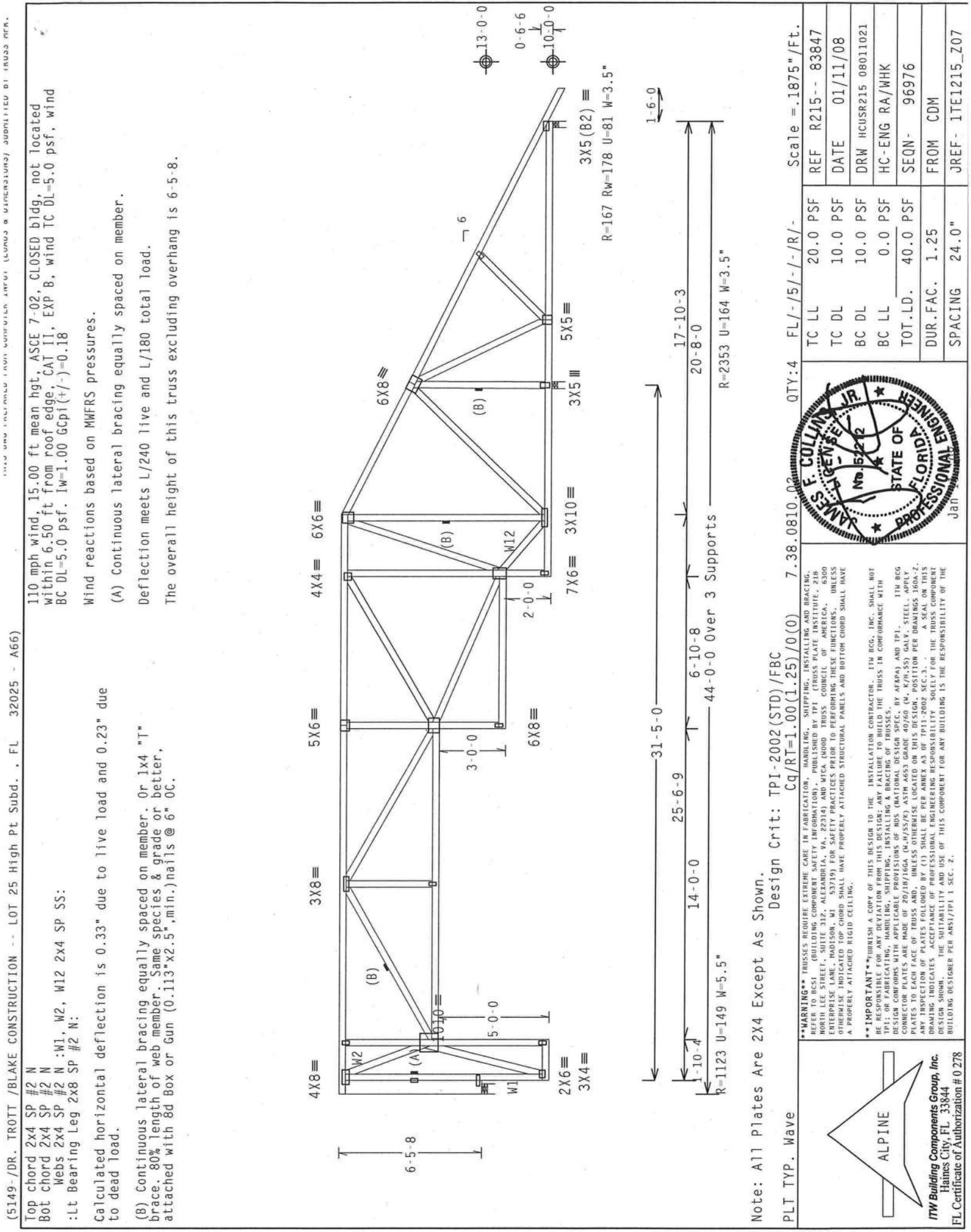
3X4

5X5

4X4

2X4 (A1)

0-0-5



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025 - A66)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W1, W2, W12 2x4 SP SS:
:Lt Bearing Leg 2x8 SP #2 N:

Calculated horizontal deflection is 0.33" due to live load and 0.23" due to dead load.

(B) Continuous lateral bracing equally spaced on member. Or 1x4 "T" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

Wind reactions based on MMFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-5-8.

110 mph wind, 15.00 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. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MMFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-5-8.

110 mph wind, 15.00 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. Iw=1.00 GCp1(+/-)=0.18

Wind reactions based on MMFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-5-8.

110 mph wind, 15.00 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. Iw=1.00 GCp1(+/-)=0.18

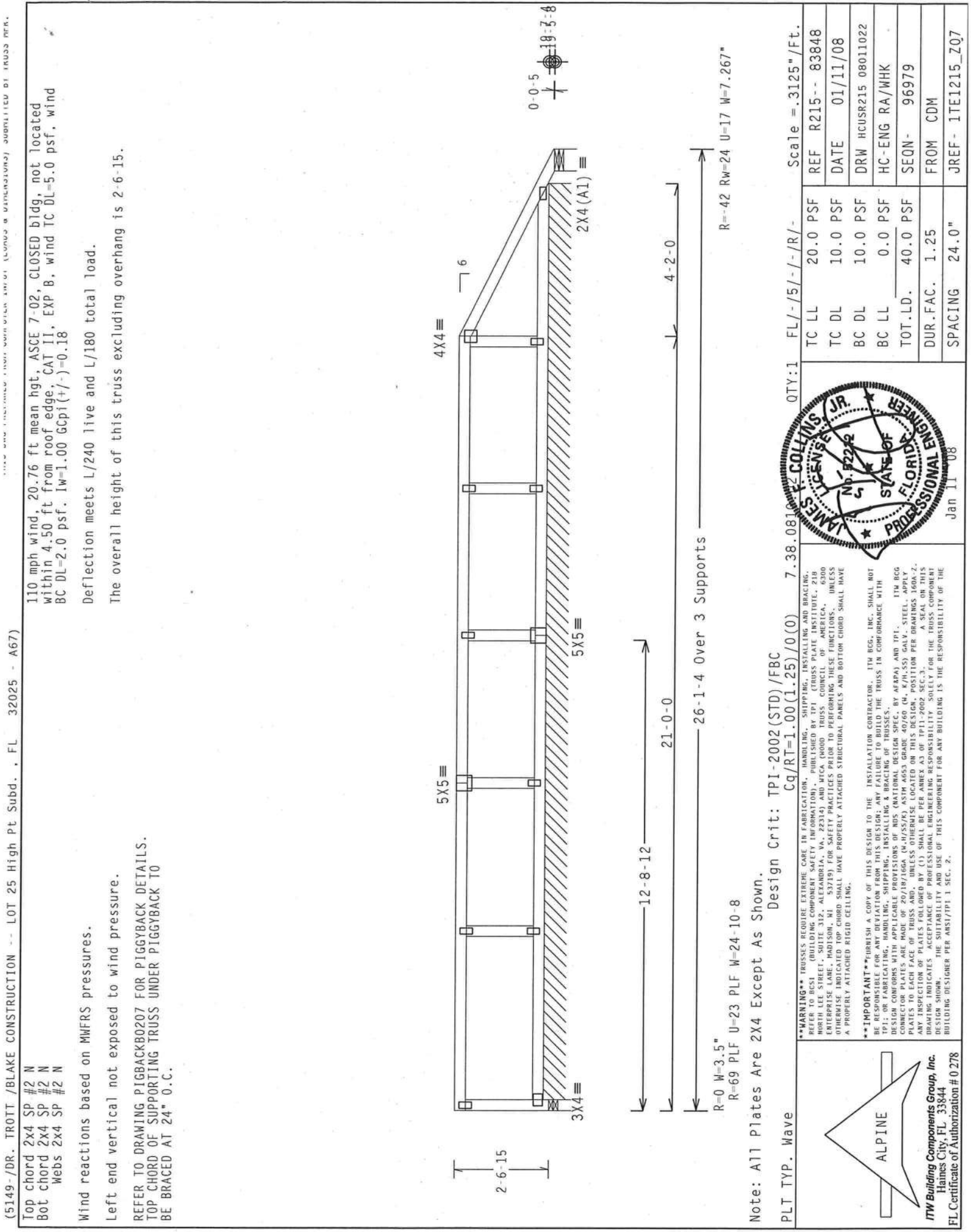
Wind reactions based on MMFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 6'-5-8.

110 mph wind, 15.00 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. Iw=1.00 GCp1(+/-)=0.18



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025 - A67)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

REFER TO DRAWING PIGGYBACK0207 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO
BE BRACED AT 24" O.C.

110 mph wind, 20.76 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. lw=1.00 GCpl(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2-6-15.

Scale = .3125"/Ft.

QTY:1

FL/-/5/-/1/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 R215-- 83848

DATE 01/11/08

DRW HCUSR215 08011022

HC-ENG RA/WHK

SEQN- 96979

FROM CDM

JREF- 1TE1215_Z07

PLT TYP. Wave

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

7.38.081000

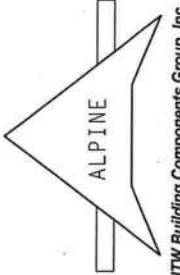
26-1-4 Over 3 Supports

R-0 W-3.5"
R=69 PLF U=23 PLF W=24-10-8



****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, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WPCA (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 CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISIONS OF THIS CONTRACTUAL DESIGN SPEC. BY AFAPAJ AND TPI. ITW BCG SHALL NOT BE RESPONSIBLE FOR THE PROVISIONS OF THIS CONTRACTUAL DESIGN SPEC. BY AFAPAJ AND TPI. APPLY TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SEAL OR STAMP. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3.1.1. SEAL OR STAMP. 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 # 0278

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

1110 mph wind, 20.81 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. Iw=1.00 GCpi(+/-)=0.18

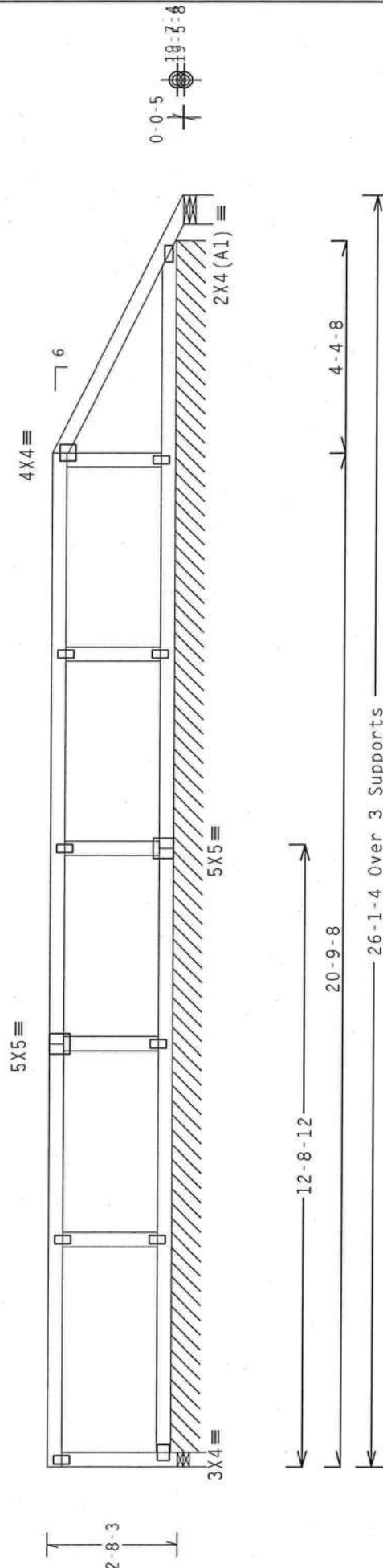
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

Left end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 2-8-3.

REFER TO DRAWING PIGBACK0207 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO
BE BRACED AT 24" O.C.

 $R=0 \quad W=3.5"$

R=69 PLF U=23 PLF W=24-10-8

Note: All Plates Are 2X4 Except As Shown.

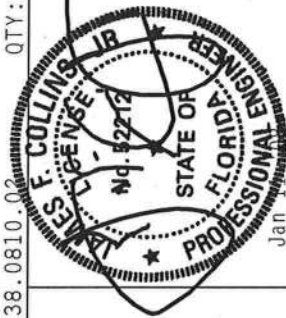
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

$$Cq/RT=1.00(1.25)/0(0)$$
 $Cq/RT=1.00(1.25)/0(0) \quad 7.$

Scale = .3125"/Ft.

TC LL	20.0	PSF	REF	R215 -	83849
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCU8R215	08011023
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEQN-	96982	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215	Z07

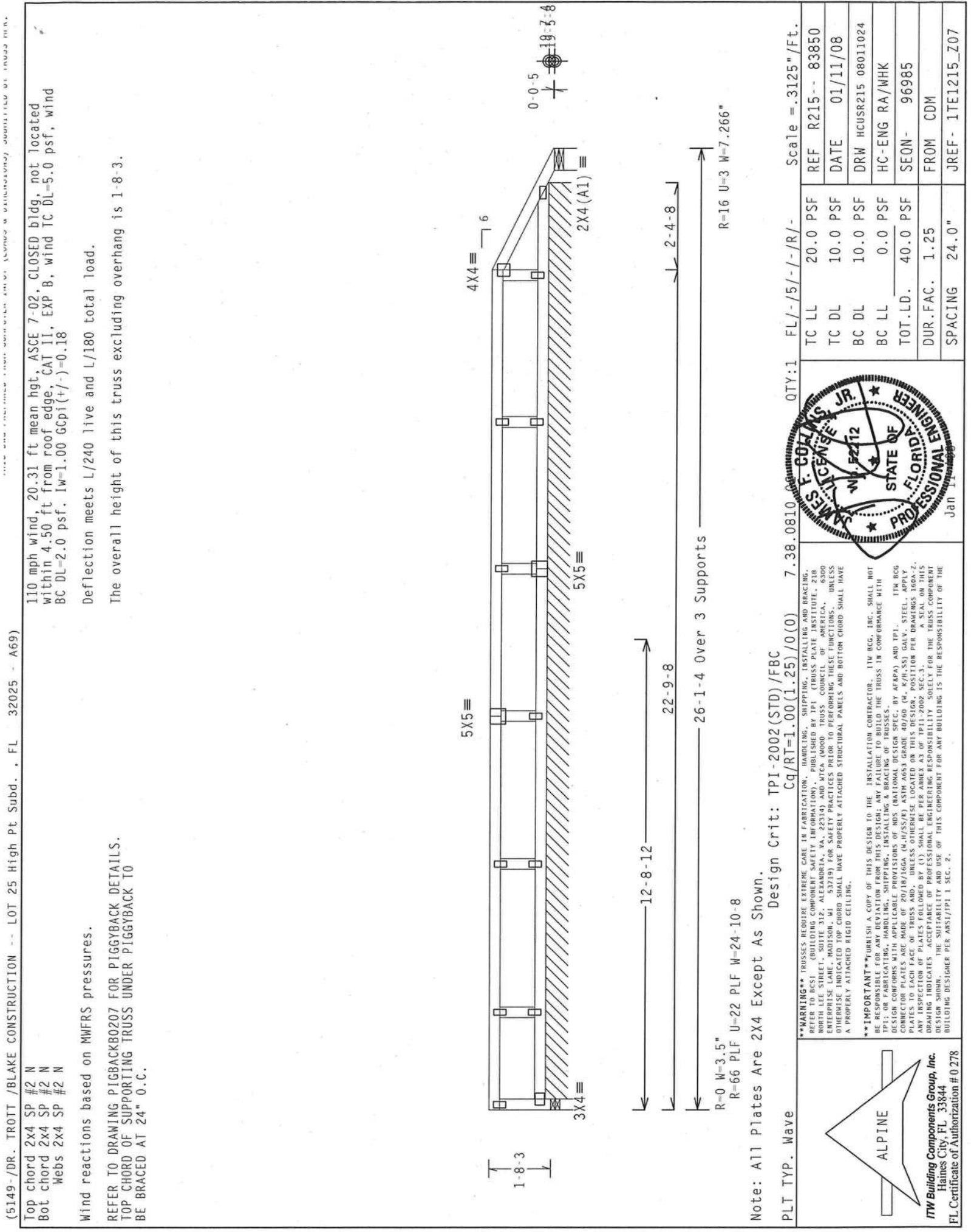


ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0 278



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025 - A69)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.
REFER TO DRAWING PIGGYBACK0207 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

110 mph wind, 20.31 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. $I_w=1.00$ $G_{Cp1}(+/-)=0.18$
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1-8-3.

PLT TYP. Wave

Note: All Plates Are 2X4 Except As Shown.
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810

Scale = .3125"/Ft.

PLT TYP. Wave

REF R215-- 83850
DATE 01/11/08
DRW HCUSR215 08011024
HC-ENG RA/WHK
SEQN- 96985
FROM CDM
JREF- 1TE1215_Z07

Scale = .3125"/Ft.

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

PLT TYP. Wave

	T1	N #2	SP #2	SS:
Top chord	2x4	SP #2		
Bot chord	2x4	SP #2		
Webs	2x4	SP #2		

1110 mph wind, 15.41 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. 1w=1.00 GCpi (+/-)=0.18

Left end vertical not exposed to wind pressure.

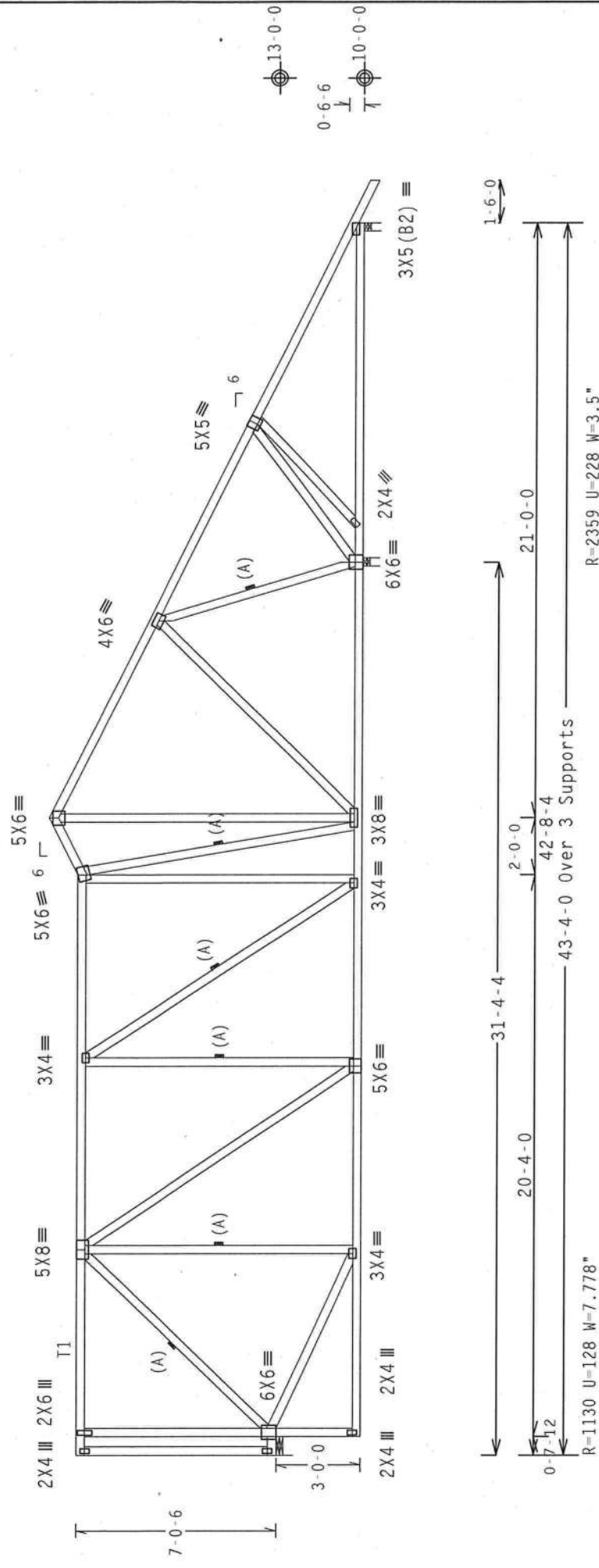
Max JT VERT DEFL: LL: 0.18" DL: 0.19" recommended camber 3/8"

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 8-0-6.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member. Or 1x4 "L" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

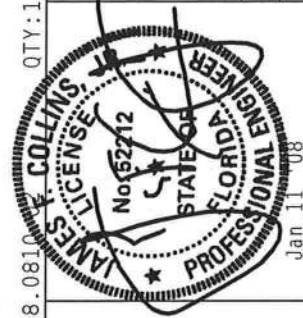
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/

QTY:1 FL/-/5/-/-/R/- Scale = .1875"/Ft.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCSS (BUILDING COMPONENT INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND KNAUF TRUSS COUNCIL OF AMERICA, 610 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 FAILURE OR MALFUNCTION OF THIS DESIGN. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VIOLATIONS OF ANY APPLICABLE PROVISIONS OF NPS (NATIONAL DESIGN SPEC.) AND TPI. THIS DESIGN CONFORMS WITH ALL APPLICABLE PROVISIONS OF NPS (NATIONAL DESIGN SPEC.), BY AFPPA AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/19/16GA (.0187) ALUMINUM GRADE 40/60 (H-K/HSX) GALV. STEEL. ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS I60A-2. IF AN 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 AMET/TP11 SEC. 2.



TC LL	20.0	PSF	REF R215-- 83851
TC DL	10.0	PSF	DATE 01/11/08
BC DL	10.0	PSF	DRW HCUR215 08011025
BC LL	0.0	PSF	HC-ENG RA/WHK
TOT.LD.	40.0	PSF	SEQN- 96385
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TE1215_Z07

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

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W1, W2 2x4 SP SS:
Ult Bearing Leg 2x8 SP #2 N:

1110 mph wind, 15.41 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

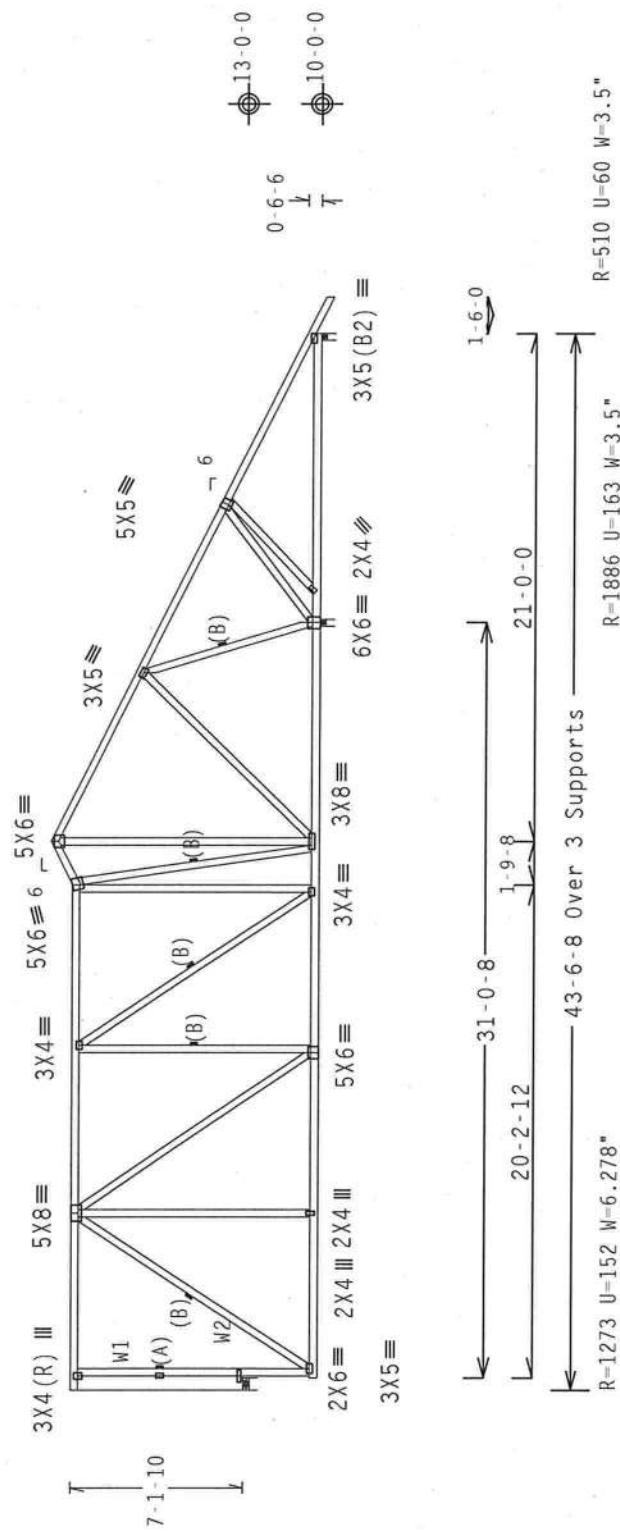
Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.38" due to live load and 0.26" due to dead load.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load.

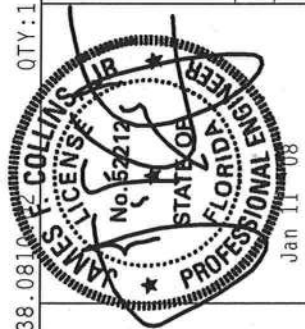
The overall height of this truss excluding overhang is 8-0-6.



Design Crit: TPI-2002(STD)/FBC

OTY:1 FI 1-151-1-1-R1-
Scale = 125" / Ft

FL/-/5/-/-R/-	Scale =.125" /Ft.
TC LL 20.0 PSF	REF R215-- 83852
TC DL 10.0 PSF	DATE 01/11/08
BC DL 10.0 PSF	DRW HCUR215 08011026
BC LL 0.0-PSF	HC-ENG RA/WHK
TOT.LD. 40.0 PSF	SEQN- 96988
DUR.FAC. 1.25	FROM CDM
SPACING 24.0"	JREF- 1TE1215 Z07

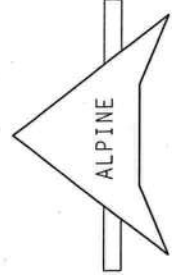


*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFERENCES: (FOR SAFETY INFORMATION), PUBLISHED BY THE CRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, WHITE PLATE, ILL. 60154. THE CRUSS COUNCIL OF AMERICA, 6300 UNIVERSITY AVENUE, WILMINGTON, MA. 01897. FOR SAFETY PRACTICES PLEASE TO PHONING THESE COMPANIES. 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. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR FAILURE DURING THIS DESIGN AND/OR CONSTRUCTION. IF THERE IS A FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN SPECIFICATIONS, CONSULTING ENGINEER SHALL BE RESPONSIBLE.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) FOR STEEL TRUSSES.
TYPICAL FABRICATING HANDLING, SHIPPING AND STORAGE REQUIREMENTS ARE LISTED ON ATTACHED SHEET.

CONNECTOR PLATES ARE MADE OF 2017/186GA./H-25SS/PS LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX 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 AMBIX/TP11 SEC. 2.



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

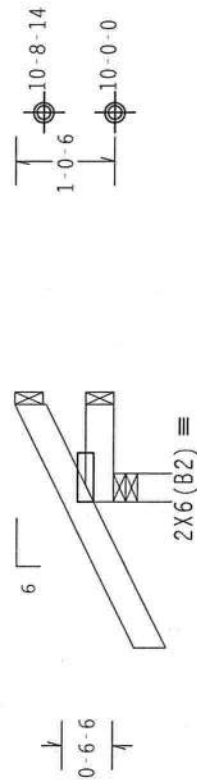
Wind reactions based on MWFRS pressures.



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1-0-6.

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. $1W=1.00 G_{CPI}(+/-)=0.18$
Wind reactions based on MWFRS pressures.

R=-43 Rw=22 U=36



R=-5 Rw=11 U=7

←1-6-0→
1-0-0 Over 3 Supports
R=224 U=43 W=3.5"

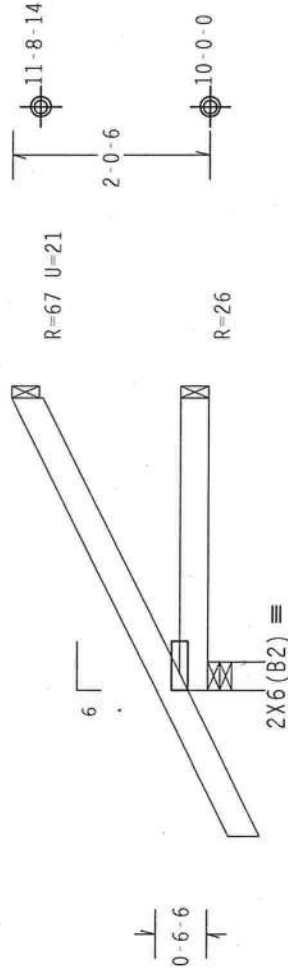
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0)

PLT TYP. Wave	QTY:3	FL/-5/-/-R/-	Scale = .5"/Ft.
James E. Collins Professional Engineer State of Florida License No. 52212 Jan 2008	TC LL	20.0 PSF	REF R215-- 83854
	TC DL	10.0 PSF	DATE 01/11/08
	BC DL	10.0 PSF	DRW HCUSR215 08011027
	BC LL	0.0 PSF	HC-ENG RA/MHK
	TOT.LD.	40.0 PSF	SEQN- 96277
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1TE1215_Z07

****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 NITCA (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.

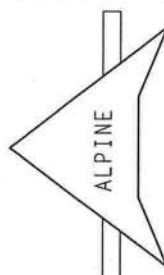
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HUD (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SS/KS) ASTM A653 GRADE 40/60 (M, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TOP CHORD AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER RESPONSIBILITY 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.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 2-0-6.
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. 1w=1.00 GCpl (+/-)=0.18
Wind reactions based on MWFRS pressures.



1'-6-0
3-0-0 Over 3 Supports
R=247 U=23 W=3.5"

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

PLT TYP. Wave	 ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	Cg/RT=1.00(1.25)/0(0)		7.38.0810	QTY: 3	FL / - / 5 / - / - / R / -	Scale = .5" / Ft.	
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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, 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/55X7) 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 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.								
								
Jan 11 2008								
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"								
JREF - 1TE1215_Z07								

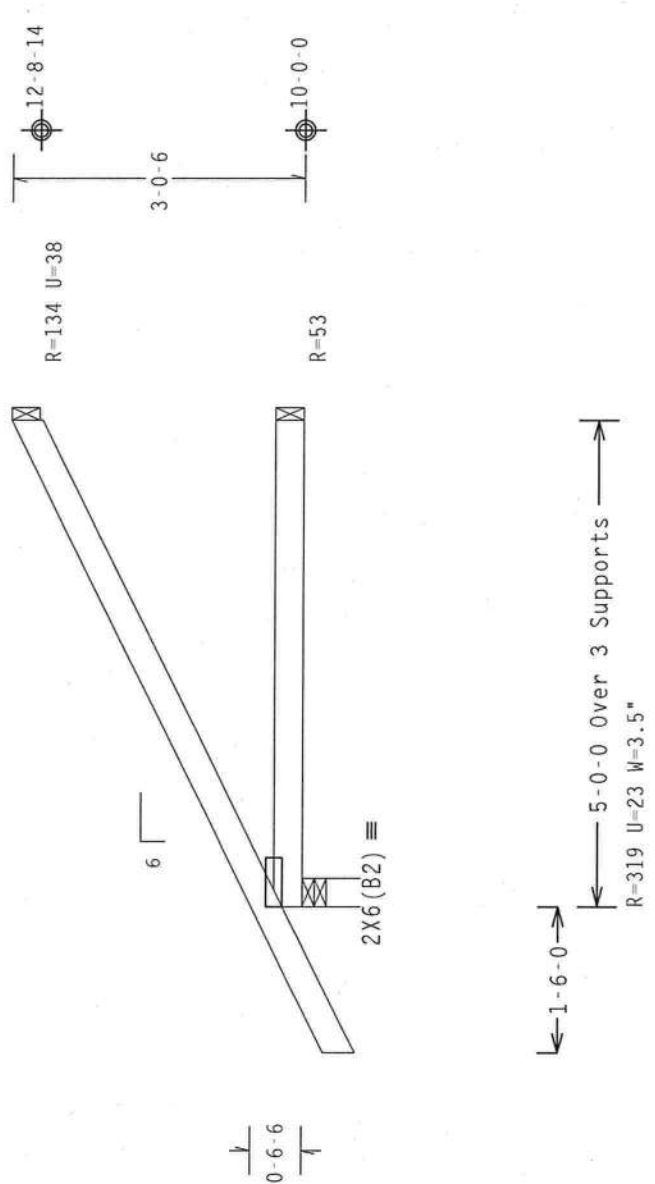
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

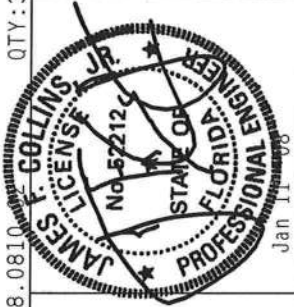
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 3	FL/-/5/-/-/R/-	Scale = .5"/Ft.
	7.38.0810		
	Cq/RT=1.00(1.25)/0(0)		
		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	R215-- 83856
		DATE	01/10/08
		DRW	HCUSR215 08010087
		HC-ENG	EC/MHK *
		SEQN-	96273
		FROM	CDM
		JREF-	1TE1215_Z07

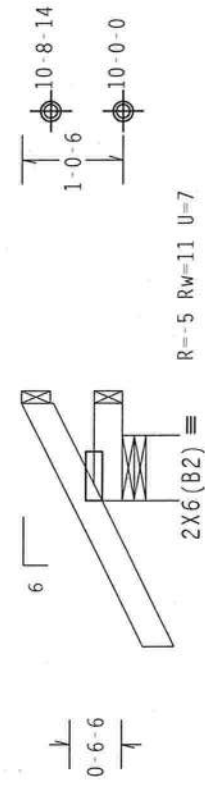


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCEA (NATIONAL COUNCIL OF AMERICA, 6300 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 AFAPA) AND TPI. ITW BCG CONNECTION PLATE 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 ENGINEER 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.

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1-0-6.
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. $lw=1.00 G_{Cp}(+/-)=0.18$
Wind reactions based on MWFRS pressures.

R=-43 Rw=22 U=36

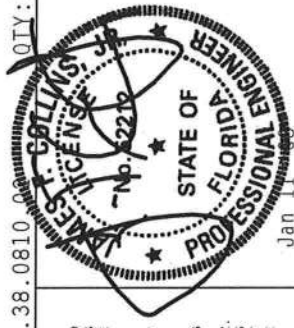


R=-5 Rw=11 U=7

← 1-6-0 →
1-0-0 Over 3 Supports
R=224 U=43 W=8"

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

PLT TYP. Wave	QTY: 15		FL / - / 5 / - / - / R / -		Scale = .5" / Ft.	
	TC LL	20.0 PSF	REF	R215--	83857	
	TC DL	10.0 PSF	DATE	01/11/08		
	BC DL	10.0 PSF	DRW	HCUSR215	08011028	
	BC LL	0.0 PSF	HC-ENG	RA/WHK		
	TOT.LD.	40.0 PSF	SEQN-	96286		
DUR.FAC.			1.25	FROM	CDM	
SPACING			24.0"	JREF-	1TE1215_Z07	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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 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. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PJA) AND TPI. CONNECTOR PLATES ARE MADE OF 2016/166A (44-N/55/95) ASTM A553 GRADE 40/60 (4, 4/8/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY SHIPMENT OF TRUSSES TO THE DESIGNER'S OFFICE. THE DESIGNER'S DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SELLER 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.

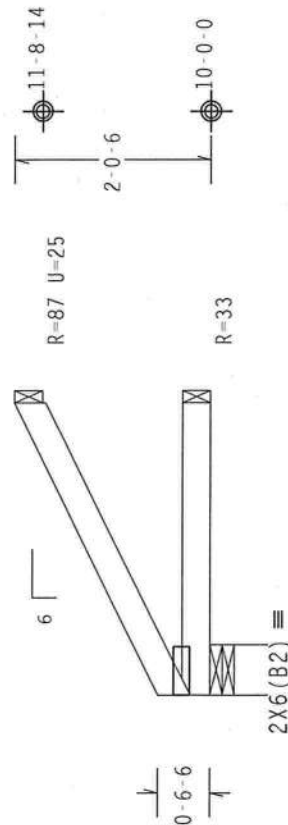
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

1110 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

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-0-6.



3-0-0 Over 3 Supports
R=127 W=6.251"

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/FL/-
Scale = .5"/Ft.

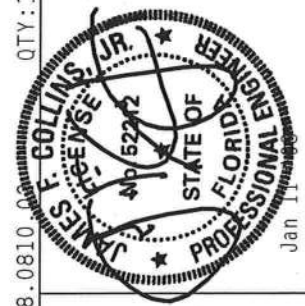
0810.0000

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

三
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一

PLT TYP. Wave

TC LL	20.0 PSF	REF R215-- 83859
TC DL	10.0 PSF	DATE 01/10/08
BC DL	10.0 PSF	DRW HCUR215 08010074
BC LL	0.0 PSF	HC-ENG EC/WHK *
TOT.LD.	40.0 PSF	SEQN- 96911
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215 Z07



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, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND AISC (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 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 IPT1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2010/10GA (U-1/4X5/16) ASTM A563 GRADE 40760 (M, K/H-SS) GALV. STEEL, PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED 40760 (M, K/H-SS) GALV. STEEL, 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 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 DESIGNING DESIGNER PER ANNEX 43/TP1 1 SEC. 2.



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

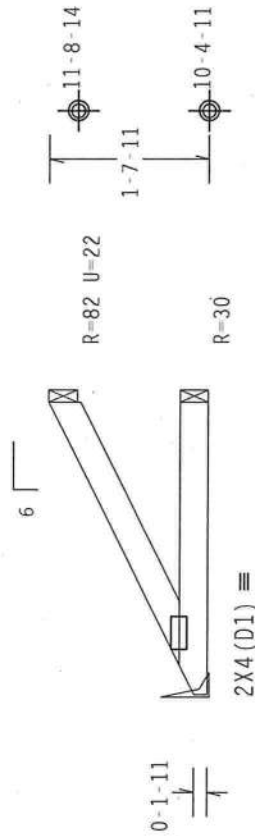
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

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 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 1-7-11.

Wind reactions based on MWFRS pressures.



3-0-0 Over 3 Supports
R=134

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

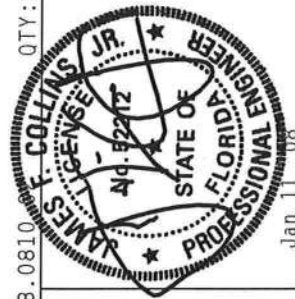
QTY:1 FL/-/5/-/-/R/- Scale = .5"/Ft.

370

 $C_0/RT=1.00(1.25)/0(0)$

PLT TYP. Wave

TC LL	20.0	PSF	REF	R215--	83860
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCUSR215	08011029
BC LL	0.0	PSF	HC-ENG	RA/WHK	
TOT.LD.	40.0	PSF	SEQN-	96353	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215_Z07	

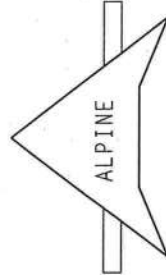


Jan 11 11 08 AM '08

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY MANUAL (CHSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALBANY, GA 31704) AND HIGHWAY TRUSS CONSTRUCTION MANUAL (CHSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALBANY, GA 31704) FOR SPECIFIC 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.

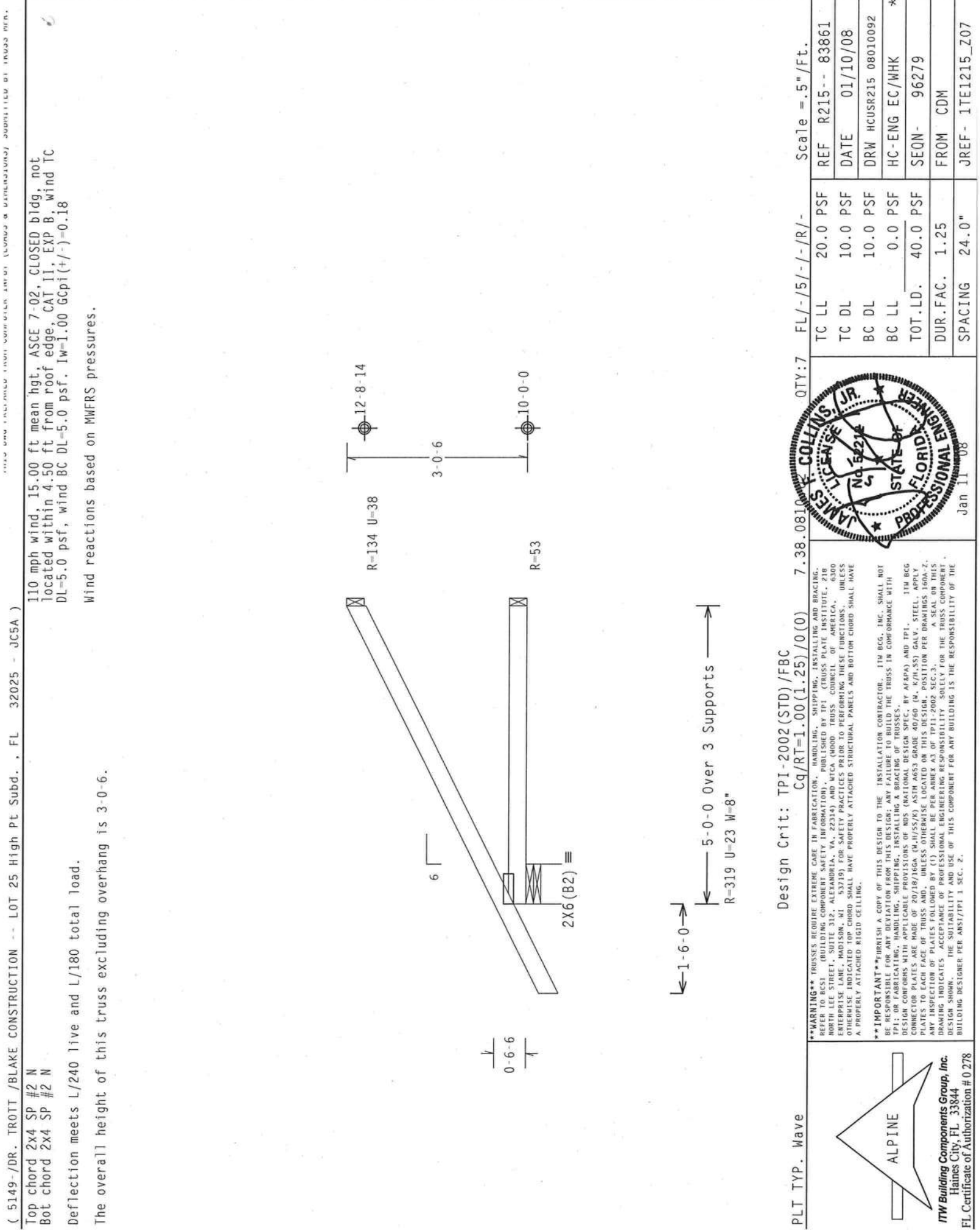
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., FOR STEEL), AISC (NATIONAL SPECIFICATION FOR BRACING OF TRUSSES, AND TRUSS BRACING), AND AISC (NATIONAL SPECIFICATION FOR BRACING OF TRUSSES, AND TRUSS BRACING). CORROSION RESISTANT PLATES ARE MADE OF 70/18/16GA (40/55/55K) ALUMINUM 6061 T6 (K/H-55) GALV. STEEL, PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 THROUGH 160A-10. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROVISION OF 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 AISC/TPI 1 SEC. 2.



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

FL Certificate of Authorization #0278



(5149-/DR. TROTT /BLAKE CONSTRUCTION -- LOT 25 High Pt Subd. , FL 32025 - JCSA)

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.

The overall height of this truss excluding overhang is 3-0-6.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

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.

The overall height of this truss excluding overhang is 3-0-6.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

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.

The overall height of this truss excluding overhang is 3-0-6.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

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.

The overall height of this truss excluding overhang is 3-0-6.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

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.

The overall height of this truss excluding overhang is 3-0-6.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

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.

The overall height of this truss excluding overhang is 3-0-6.

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

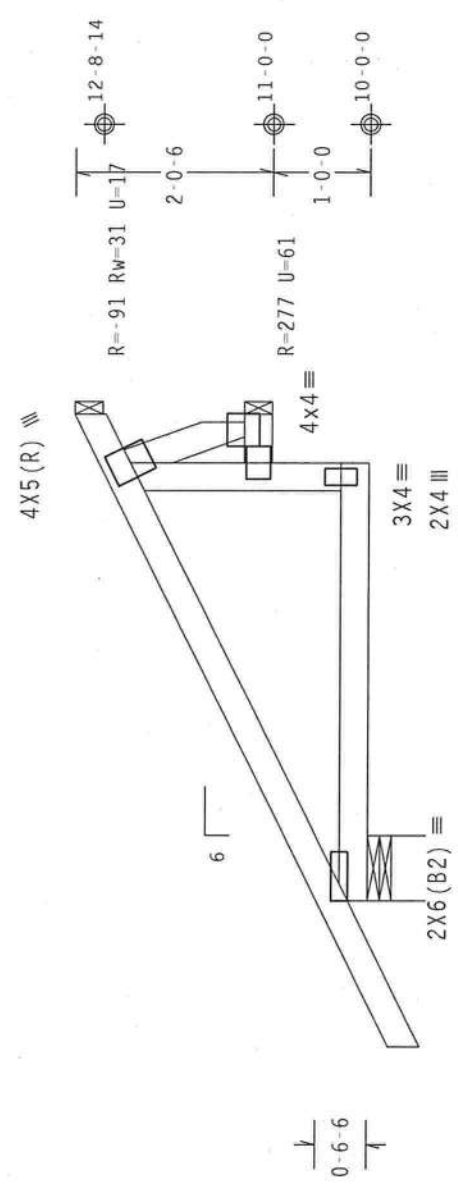
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3'-0"-6".

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. $I_w=1.00$ $G_{cp}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

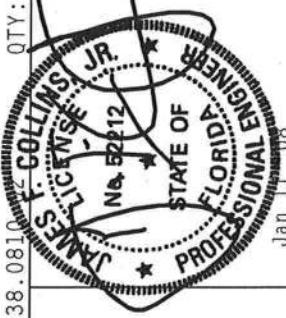


1'-6"-0"

4'-6"-0"
5'-0"-0" Over 3 Supports
R=319 U=23 W=8"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	Cq/RT=1.00(1.25)/0(0)		7.38.0810	QTY:1	FL/-/5/-/-/R/-	Scale = .5"/Ft.
	REF R215-- 83862		DATE 01/11/08	DRW HCUSR215 08011030	HC-ENG RA/WHK	SEQN- 96332 REV
TPI-2002(STD)/FBC		TC LL 20.0 PSF	TC DL 10.0 PSF	BC DL 10.0 PSF	BC LL 0.0 PSF	TOT.L.D. 40.0 PSF
DUR.FAC. 1.25		SPACING 24.0"	FROM CDM	JREF- 1TE1215_Z07		



****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 MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48071) 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 2018/160A (4-N/55/K) ASTM A653 GRADE 40/60 (4, K/H, S3) GALV. STEEL. APPLY A KATEPAC SPECIFIC FINISH TO ALL EXPOSED SURFACES. SHALL BE PERMANENT AS OF TPI-2002, SEC.3.1. A SEAL OR THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING 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 # 0 278

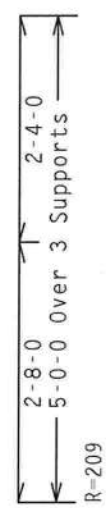
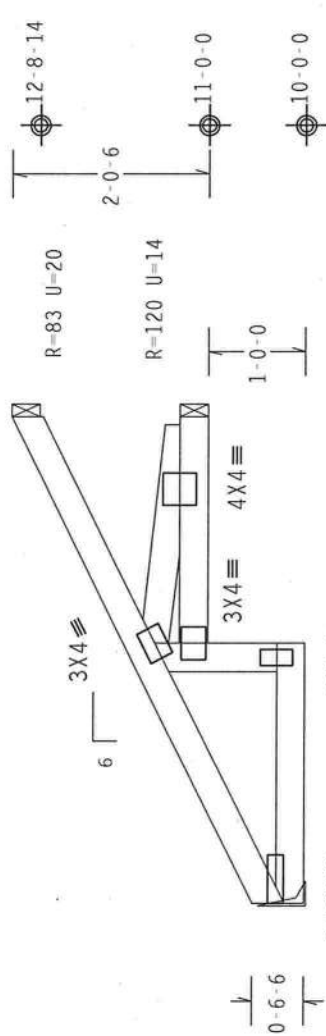
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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 IC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

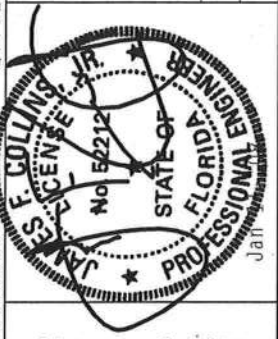
The overall height of this truss excluding overhang is 3-0-6.



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

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R215--	83863
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010072
BC LL	0.0 PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0 PSF	SEQN-	96329	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z07	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (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 TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONTRACTOR PLATES ARE MADE OF 2018/16GA (4.17/55/K) ASTM A653 GRADE 40/60 (4. K/H.SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY TPI. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SALES FOR THE TRUSS OR TRUSS 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

ITW Building Components Group, Inc.
Haines 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 II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.18

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

Wind reactions based on MWFRS pressures.

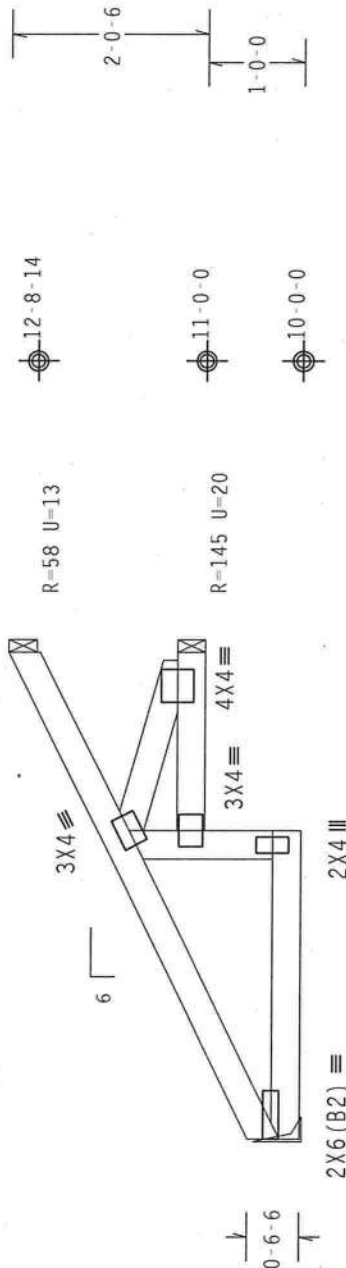


Diagram of a beam with a total length of 5.0m. The beam has a 3.2m overhang on the left and a 1.8m overhang on the right. The central 5.0m span is supported by three supports. The left overhang is labeled '3.2-0' and the right overhang is labeled '1.8-0'. The total length is labeled '5-0-0 Over 3 Supports'.

Design Crit: TPI-2002(STD)/FBC

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

QTY: 1

F11-151-1-1R1-

Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R215 -- 83864
TC DL	10.0 PSF	DATE	01/10/08
BC DL	10.0 PSF	DRW	HCUSR215 08010085
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN-	96355
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TE1215 Z07



Jan 11 '08

*****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 WCA (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 PROPERLY ATTACHED RIGID CEILING.

[illegible]

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

FL Certificate of Authorization # 0 278

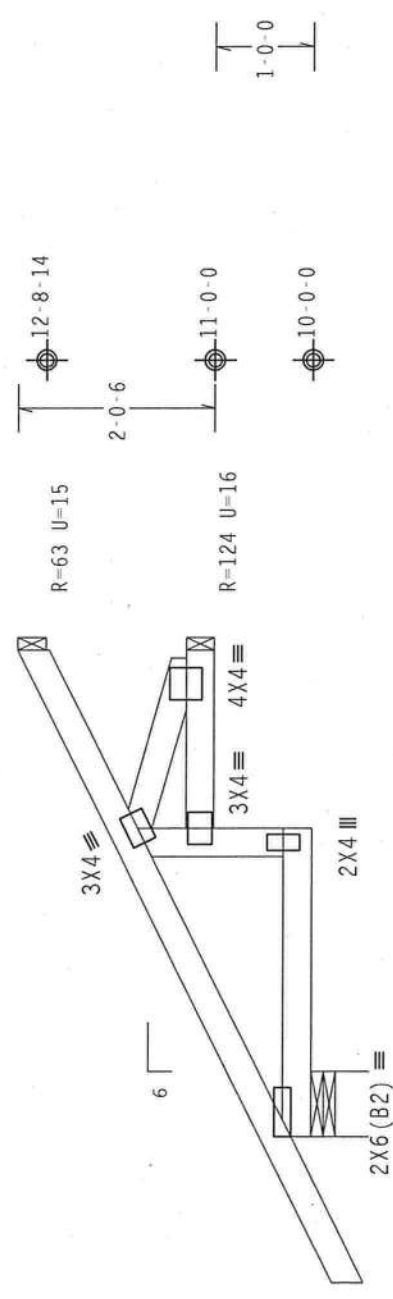
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-6.

Wind reactions based on MWFRS pressures.



1'-6-0

3-2-0
5-0-0 Over 3 Supports
R=319 U=22 W=8"

Design Crit: TPI-2002(STD)/FBC
 $C_q/R_T=1.00(1.25)/0(0)$

PLT TYP. Wave		QTY:1		FL/-/5/-/-/R/-		Scale =.5"/Ft.	
REF R215--		83865		DATE 01/10/08		DRW HCUSR215 08010086	
TC LL		20.0 PSF		TC DL		10.0 PSF	
BC DL		10.0 PSF		TOT.LD.		40.0 PSF	
DUR.FAC.		1.25		FROM CDM		JREF- 1TE1215_Z07	
SPACING		24.0"		JAN 11 '08			

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0278

designer title: TPI-2002(SID)/FBC

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

7.38.0810

7.38.0810

QTY:1

FL/-/5/-/-/R/-

Scale =.5"/Ft.

PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0278

designer title: TPI-2002(SID)/FBC

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

7.38.0810

7.38.0810

QTY:1

FL/-/5/-/-/R/-

Scale =.5"/Ft.

PLT TYP. Wave

ALPINE

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PLT TYP. Wave

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PLT TYP. Wave

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PLT TYP. Wave

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FL Certificate of Authorization # 0278

PLT TYP. Wave

ALPINE

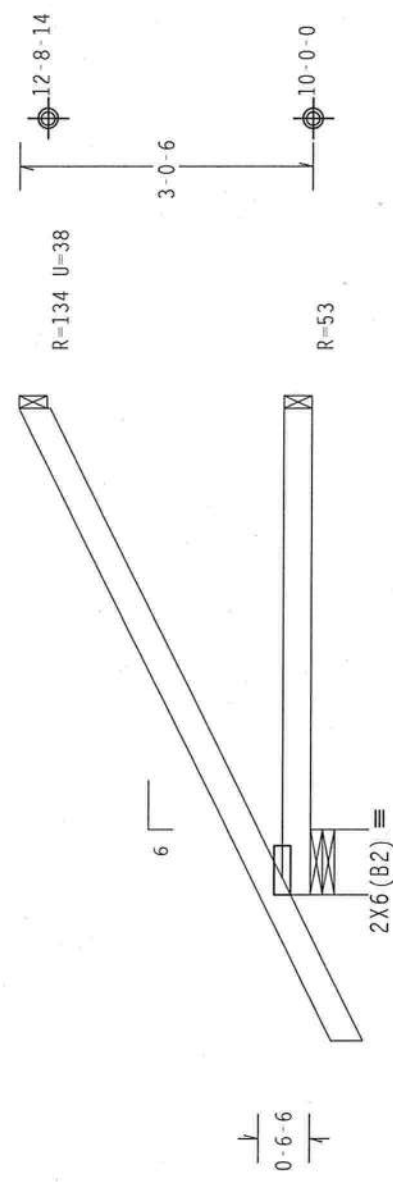
ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0278

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 3-0-6.

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 IC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$
Wind reactions based on MWFRS pressures.



1-6-0

5-0-0
5-0-0 Over 3 Supports
R=319 U=23 W=8"

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

Scale = .5"/Ft.

QTY: 3

7.38.0810

TC LL	20.0 PSF	REF	R215--	83866
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010054
BC LL	0.0 PSF	HC-ENG	EC/WHK	*
TOT.LD.	40.0 PSF	SEON-	96297	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z07	



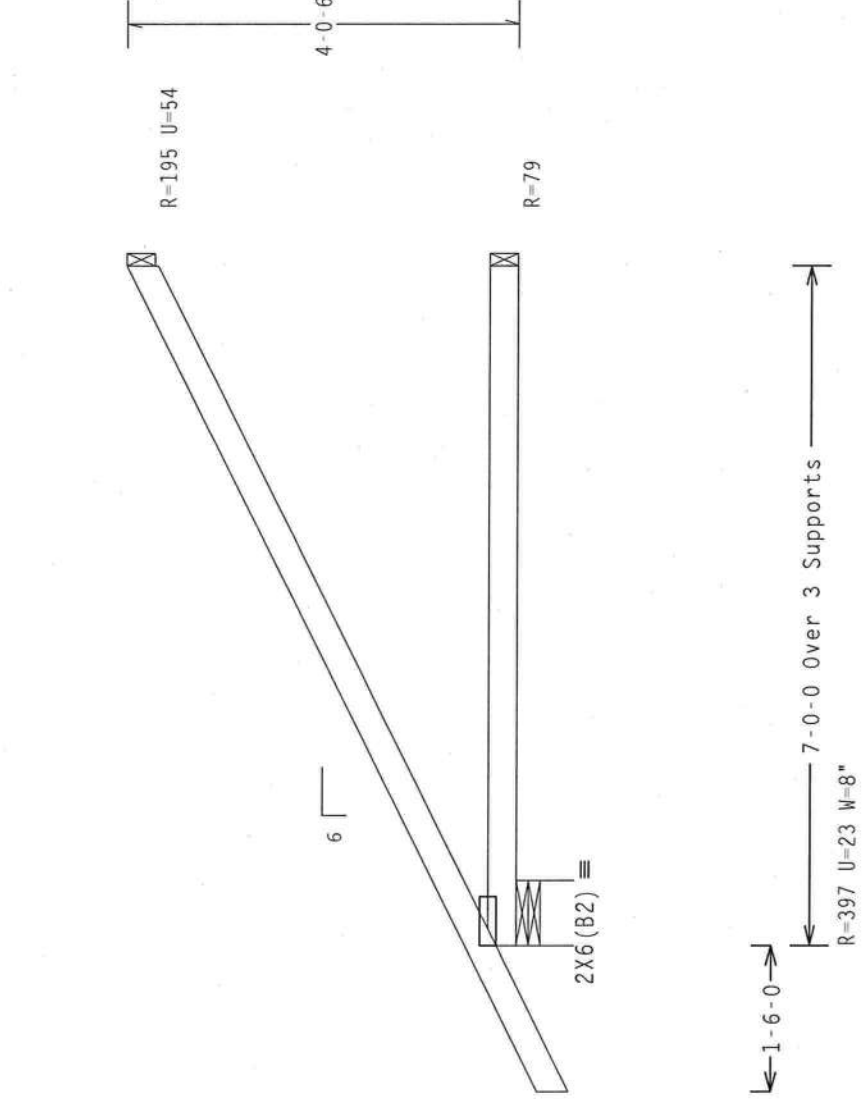
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MECA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1876GA (M-J/SS/FS) ASTM A653 GRADE 40/60 (4, K/H,SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PERFORMED BY THE DESIGNER. THE TRUSS COMPONENTS 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.

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

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 4-0-6.

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. $lw=1.00 G_{Cpi}(+/-)=0.18$
Wind reactions based on MWFRS pressures.



PLT TYP. Wave

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

QTY:27 FL/-/5/-/-/R/- Scale = .5"/Ft.

REF	R215--	83867
DATE	01/10/08	
DRW	HCUSR215	08010051
HC-ENG	EC/WHK	*
SEQN-	96892	
FROM	CDM	
JREF-	1TE1215_Z07	

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 BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 200 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, 4/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ADAM INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ADAM INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES COLLINS, DR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 11 '08

	Top	Bot	Web	SP	#2	N
chord	2x4	2x6	2x4	SP	#2	N
chord				SP	#2	N
webs				SP	#2	N

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. lw=1.00 GCpi(+/-)=0.18

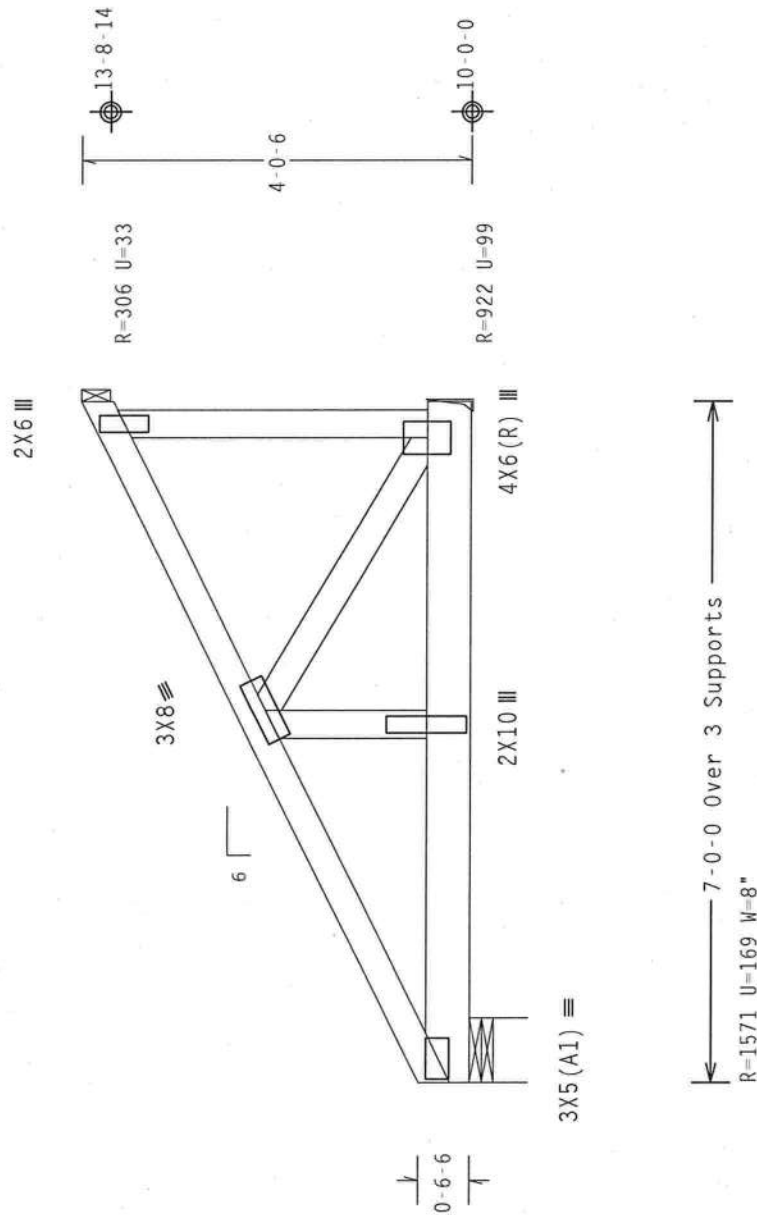
SPECIAL LOADS

		(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC	From 62 PLF at 0.00 to 62 PLF at 7.00	
BC	From 20 PLF at 0.00 to 20 PLF at 7.00	
BC	741 LB Conc. Load at 1.06, 3.06, 5.06	

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-0-6.

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

7.38.0810.02

QTY:1 FL/-/5/-/-/R/-/

Scale = 5"/Ft

WARNING THRSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. REFER TO BCS' BUILDING COMPONENT SAFETY INFORMATION, PROVIDED BY TPI (THUSS PLATE INSTITUTE, 2100 MONROE STREET, CHICAGO, ILL. 60614) AND ICA (WOOD THUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LANE, MADISON, WI, 53717) FOR ALL PRECAUTIONS TO BE OBSERVED WHEN PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID FEELING.

ALPTNF

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

[illegible]

REF- 1TE1215 Z07

SPACING 24.0"

January 1998

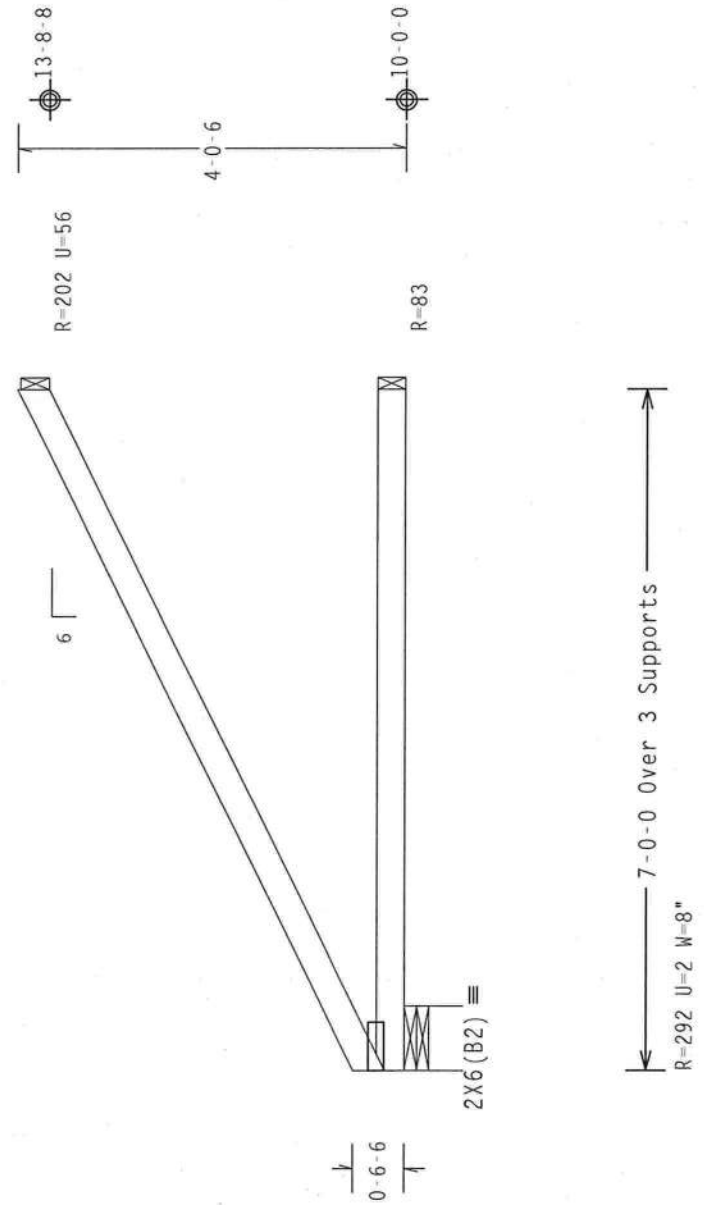
ARG IS THE RESPONSIBILITY OF THE

AND USE OF THIS COMPONENT FOR
SEC. 2.

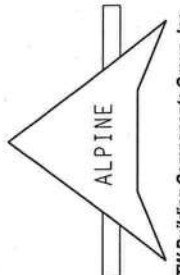
BUILDING DESIGNER PER ANTI

Haines City, FL 33844
FL Certificate of Authorization #0278

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 4-0-6.
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 GCpl(+/-)-0.18.
Wind reactions based on MWFRS pressures.



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)

7.38.0810

QTY: 1

FL/-/5/-/-/R/-

Scale = 5"/Ft.

REF	R215--	83869
DATE	01/10/08	
DRW	HCUSR215	08010066
HC-ENG	EC/WHK	*
SEQN-	96317	
FROM	CDM	
JREF-	1TE1215_Z07	

****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 48071) 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.

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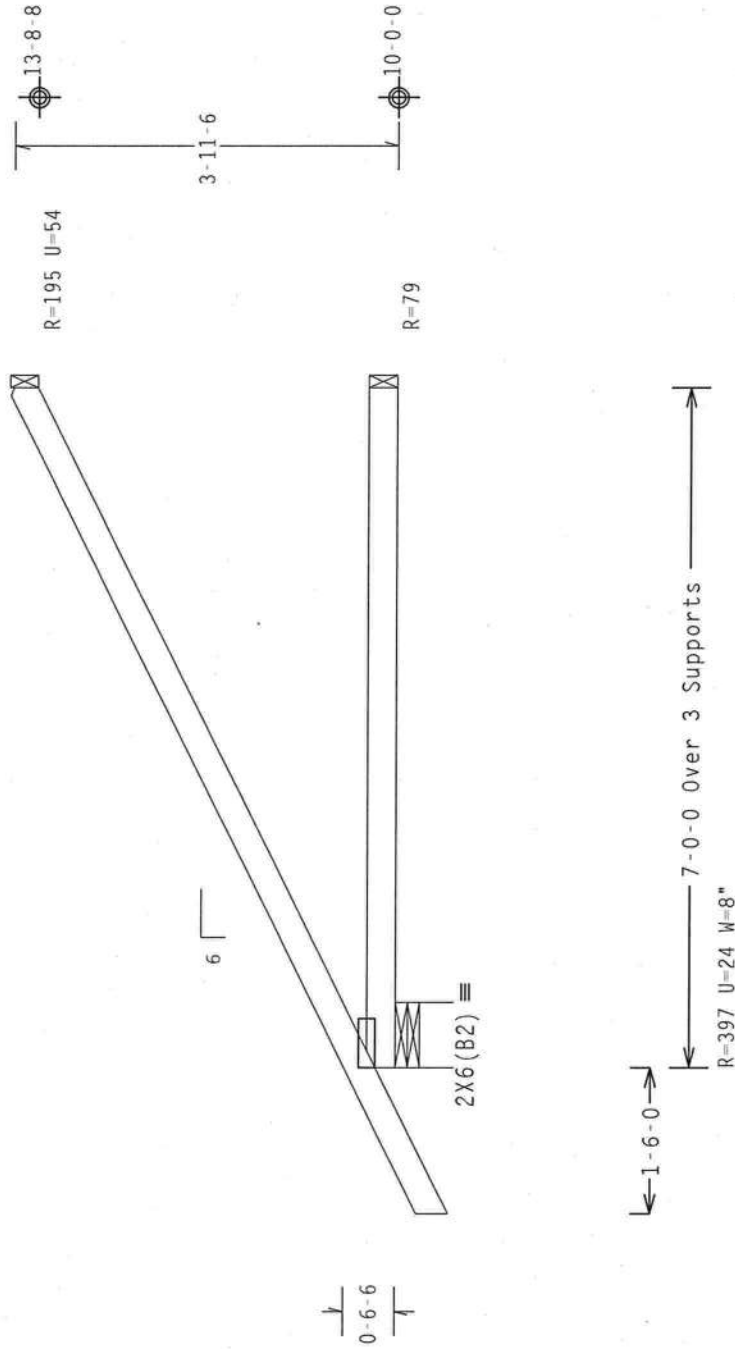
JAMES S. COLLINS, P.E.
No. 182212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 11 08

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N

110 mph wind, 15.00 ft mean ht., 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

[illegible]

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

****WARNING**** FRISSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION FOR FRISSES. FRISSES ARE AVAILABLE FROM STEEL DECKING, LORAIN STEEL, SOUTHERN STEEL, SOUTHWEST STEEL, TRUSS CONNECTIONS, ENTERPRISE STEEL, MADISON, WI 53719, VA 22131, FL 32719, AND SOUTH AFRICA 2001. FRISSES ARE AVAILABLE IN 12, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120, 126, 132, 138, 144, 150, 156, 162, 168, 174, 180, 186, 192, 198, 204, 210, 216, 222, 228, 234, 240, 246, 252, 258, 264, 270, 276, 282, 288, 294, 300, 306, 312, 318, 324, 330, 336, 342, 348, 354, 360, 366, 372, 378, 384, 390, 396, 402, 408, 414, 420, 426, 432, 438, 444, 450, 456, 462, 468, 474, 480, 486, 492, 498, 504, 510, 516, 522, 528, 534, 540, 546, 552, 558, 564, 570, 576, 582, 588, 594, 600, 606, 612, 618, 624, 630, 636, 642, 648, 654, 660, 666, 672, 678, 684, 690, 696, 702, 708, 714, 720, 726, 732, 738, 744, 750, 756, 762, 768, 774, 780, 786, 792, 798, 804, 810, 816, 822, 828, 834, 840, 846, 852, 858, 864, 870, 876, 882, 888, 894, 900, 906, 912, 918, 924, 930, 936, 942, 948, 954, 960, 966, 972, 978, 984, 990, 996, 1002, 1008, 1014, 1020, 1026, 1032, 1038, 1044, 1050, 1056, 1062, 1068, 1074, 1080, 1086, 1092, 1098, 1104, 1110, 1116, 1122, 1128, 1134, 1140, 1146, 1152, 1158, 1164, 1170, 1176, 1182, 1188, 1194, 1200, 1206, 1212, 1218, 1224, 1230, 1236, 1242, 1248, 1254, 1260, 1266, 1272, 1278, 1284, 1290, 1296, 1302, 1308, 1314, 1320, 1326, 1332, 1338, 1344, 1350, 1356, 1362, 1368, 1374, 1380, 1386, 1392, 1398, 1404, 1410, 1416, 1422, 1428, 1434, 1440, 1446, 1452, 1458, 1464, 1470, 1476, 1482, 1488, 1494, 1500, 1506, 1512, 1518, 1524, 1530, 1536, 1542, 1548, 1554, 1560, 1566, 1572, 1578, 1584, 1590, 1596, 1602, 1608, 1614, 1620, 1626, 1632, 1638, 1644, 1650, 1656, 1662, 1668, 1674, 1680, 1686, 1692, 1698, 1704, 1710, 1716, 1722, 1728, 1734, 1740, 1746, 1752, 1758, 1764, 1770, 1776, 1782, 1788, 1794, 1800, 1806, 1812, 1818, 1824, 1830, 1836, 1842, 1848, 1854, 1860, 1866, 1872, 1878, 1884, 1890, 1896, 1902, 1908, 1914, 1920, 1926, 1932, 1938, 1944, 1950, 1956, 1962, 1968, 1974, 1980, 1986, 1992, 1998, 2004, 2010, 2016, 2022, 2028, 2034, 2040, 2046, 2052, 2058, 2064, 2070, 2076, 2082, 2088, 2094, 2100, 2106, 2112, 2118, 2124, 2130, 2136, 2142, 2148, 2154, 2160, 2166, 2172, 2178, 2184, 2190, 2196, 2202, 2208, 2214, 2220, 2226, 2232, 2238, 2244, 2250, 2256, 2262, 2268, 2274, 2280, 2286, 2292, 2298, 2304, 2310, 2316, 2322, 2328, 2334, 2340, 2346, 2352, 2358, 2364, 2370, 2376, 2382, 2388, 2394, 2400, 2406, 2412, 2418, 2424, 2430, 2436, 2442, 2448, 2454, 2460, 2466, 2472, 2478, 2484, 2490, 2496, 2502, 2508, 2514, 2520, 2526, 2532, 2538, 2544, 2550, 2556, 2562, 2568, 2574, 2580, 2586, 2592, 2598, 2604, 2610, 2616, 2622, 2628, 2634, 2640, 2646, 2652, 2658, 2664, 2670, 2676, 2682, 2688, 2694, 2700, 2706, 2712, 2718, 2724, 2730, 2736, 2742, 2748, 2754, 2760, 2766, 2772, 2778, 2784, 2790, 2796, 2802, 2808, 2814, 2820, 2826, 2832, 2838, 2844, 2850, 2856, 2862, 2868, 2874, 2880, 2886, 2892, 2898, 2904, 2910, 2916, 2922, 2928, 2934, 2940, 2946, 2952, 2958, 2964, 2970, 2976, 2982, 2988, 2994, 3000, 3006, 3012, 3018, 3024, 3030, 3036, 3042, 3048, 3054, 3060, 3066, 3072, 3078, 3084, 3090, 3096, 3102, 3108, 3114, 3120, 3126, 3132, 3138, 3144, 3150, 3156, 3162, 3168, 3174, 3180, 3186, 3192, 3198, 3204, 3210, 3216, 3222, 3228, 3234, 3240, 3246, 3252, 3258, 3264, 3270, 3276, 3282, 3288, 3294, 3300, 3306, 3312, 3318, 3324, 3330, 3336, 3342, 3348, 3354, 3360, 3366, 3372, 3378, 3384, 3390, 3396, 3402, 3408, 3414, 3420, 3426, 3432, 3438, 3444, 3450, 3456, 3462, 3468, 3474, 3480, 3486, 3492, 3498, 3504, 3510, 3516, 3522, 3528, 3534, 3540, 3546, 3552, 3558, 3564, 3570, 3576, 3582, 3588, 3594, 3600, 3606, 3612, 3618, 3624, 3630, 3636, 3642, 3648, 3654, 3660, 3666, 3672, 3678, 3684, 3690, 3696, 3702, 3708, 3714, 3720, 3726, 3732, 3738, 3744, 3750, 3756, 3762, 3768, 3774, 3780, 3786, 3792, 3798, 3804, 3810, 3816, 3822, 3828, 3834, 3840, 3846, 3852, 3858, 3864, 3870, 3876, 3882, 3888, 3894, 3900, 3906, 3912, 3918, 3924, 3930, 3936, 3942, 3948, 3954, 3960, 3966, 3972, 3978, 3984, 3990, 3996, 4002, 4008, 4014, 4020, 4026, 4032, 4038, 4044, 4050, 4056, 4062, 4068, 4074, 4080, 4086, 4092, 4098, 4104, 4110, 4116, 4122, 4128, 4134, 4140, 4146, 4

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE HELD RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN AND/OR FABRICATING MANUFACTURING SPECIFICATIONS.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) FOR STEEL TRUSSES, LTR BCG CONNECTOR PLATES ARE MADE OF 2018/16GA. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PLATES TO EACH FACE OF TRUSS AND, OR PLATE/STAYS ASHIM 40/60 (IN KINSEY) GALV. STEEL APPLY.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX 43 OF TP1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP13 SEC. 2.

PLT TYP. Wave

0810

QTY. 1

FI 1-151-1-181-

Scale = .5" / Ft.

TC LL	20.0 PSF	REF R215-- 83870
TC DL	10.0 PSF	DATE 01/11/08
BC DL	10.0 PSF	DRW HCUSR215 08011032
BC LL	0.0 PSF	HC-ENG RA/WHK
TOT.LD.	40.0 PSF	SEEN- 96900
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215_Z07

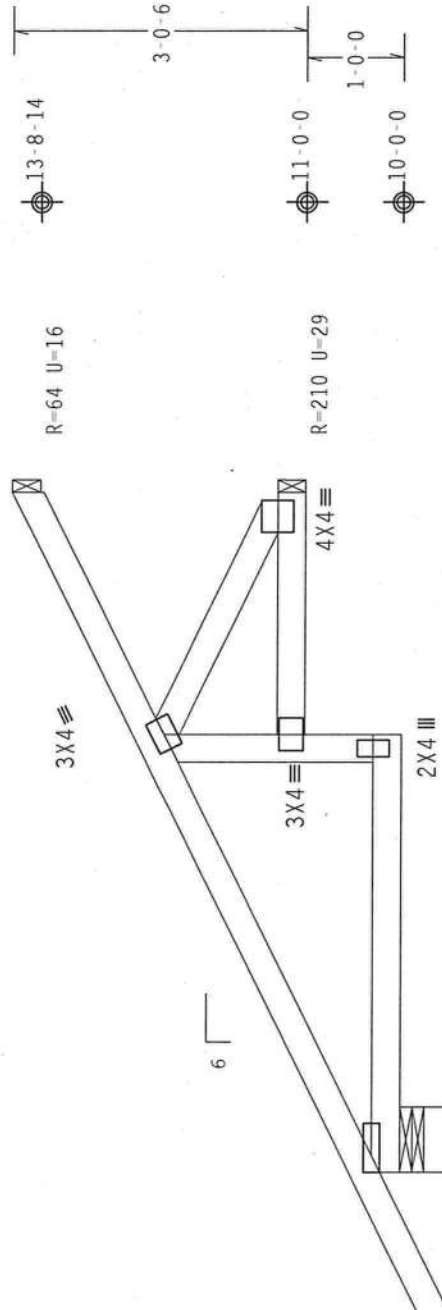


Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 4-0-6.

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 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.



4-6-0
7-0-0 Over 3 Supports
R-397 U=23 W=8"

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

PLT TYP. Wave		QTY: 4		FL/-/5/-/-/R/-		Scale = .5" /Ft.	
REF R215-- 83871		TC LL 20.0 PSF		DATE 01/10/08		DRW HCUSR215 08010075	
DATE 01/10/08		TC DL 10.0 PSF		HC-ENG EC/WHK		SEQN- 96334	
DRW HCUSR215 08010075		BC DL 10.0 PSF		FROM CDM		JREF- 1TE1215_Z07	
HC-ENG EC/WHK		BC LL 0.0 PSF		DUR.FAC. 1.25			
SEQN- 96334		TOT.LD. 40.0 PSF		SPACING 24.0"			



****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, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) 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 IBCS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ITW BCG PLATES TO EACH FACE OF TRUSS 20/10/10GA (4-H/55/3) ASTM A653 GRADE 40/60 (4, 8/H-55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 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 ANSI/TPI 1 SEC. 2.

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

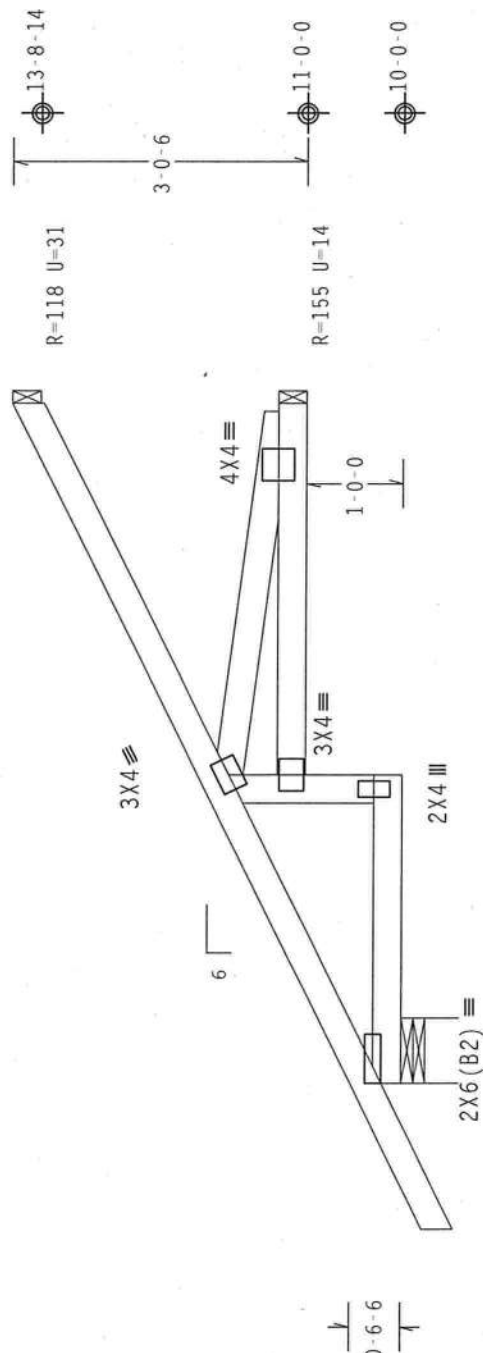
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-0-6.



1-6-0

3-2-0 7-0-0 Over 3 Supports
R=397 U=23 W=8"

PLT TYP. Wave

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

7.38.0810

QTY: 6 FL/-/5/-/-/R/-

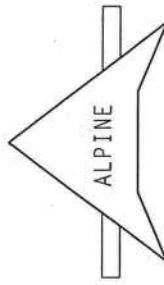
Scale = .5"/Ft.

****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 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 AIA/PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/166A (M-1/55/K) ASTM A653 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. ADAM INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ADAM INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

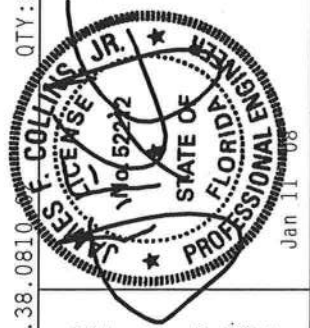
TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R215--	83872
DATE	01/10/08	
DRW	HCUSR215	08010088
HC-ENG	EC/MHK	*
SEQN-	96349	
FROM	CDM	
JREF-	1TE1215_Z07	



ALPINE

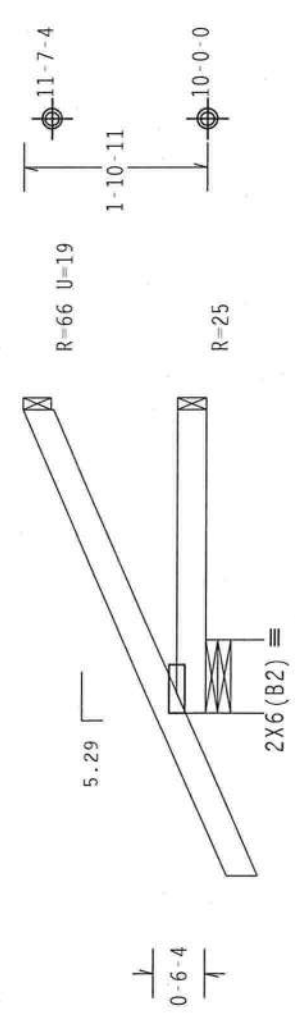
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278



F. COLLINS JR.
No. 52272
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 11 08

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1-10-12.

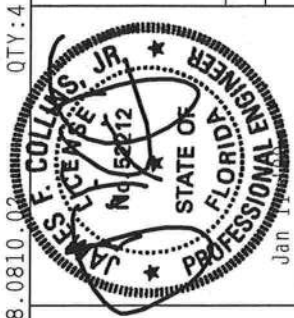
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18
Wind reactions based on MMFRS pressures.



← 1-8-0 →
← 3-1-7 Over 3 Supports →
R=267 U=30 W=9.071"

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

PLT TYP. Wave	QTY: 4		FL / - / 5 / - / - / R / -		Scale = .5" / Ft.	
	TC LL	20.0 PSF	REF	R215 - -	83873	
	TC DL	10.0 PSF	DATE	01/10/08		
	BC DL	10.0 PSF	DRW	HCUSR215	08010069	
	BC LL	0.0 PSF	HC-ENG	EC/WHK		*
	TOT.LD.	40.0 PSF	SEQN	96431		
	DUR.FAC.	1.25	FROM	CDM		
	SPACING	24.0"	JREF	1TE1215_Z07		



****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, 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 2018/1606A (W-H/SS/7X) ASTM A653 GRADE 40/60 (W, K/H/SS) GALV. STEEL. APPLY A WATERPROOFING LAYER TO FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ADVISE THE USER OF THIS DESIGN. ITW BCG SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENT DESIGN. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING. ITW BCG SHALL BE 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.

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	N

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

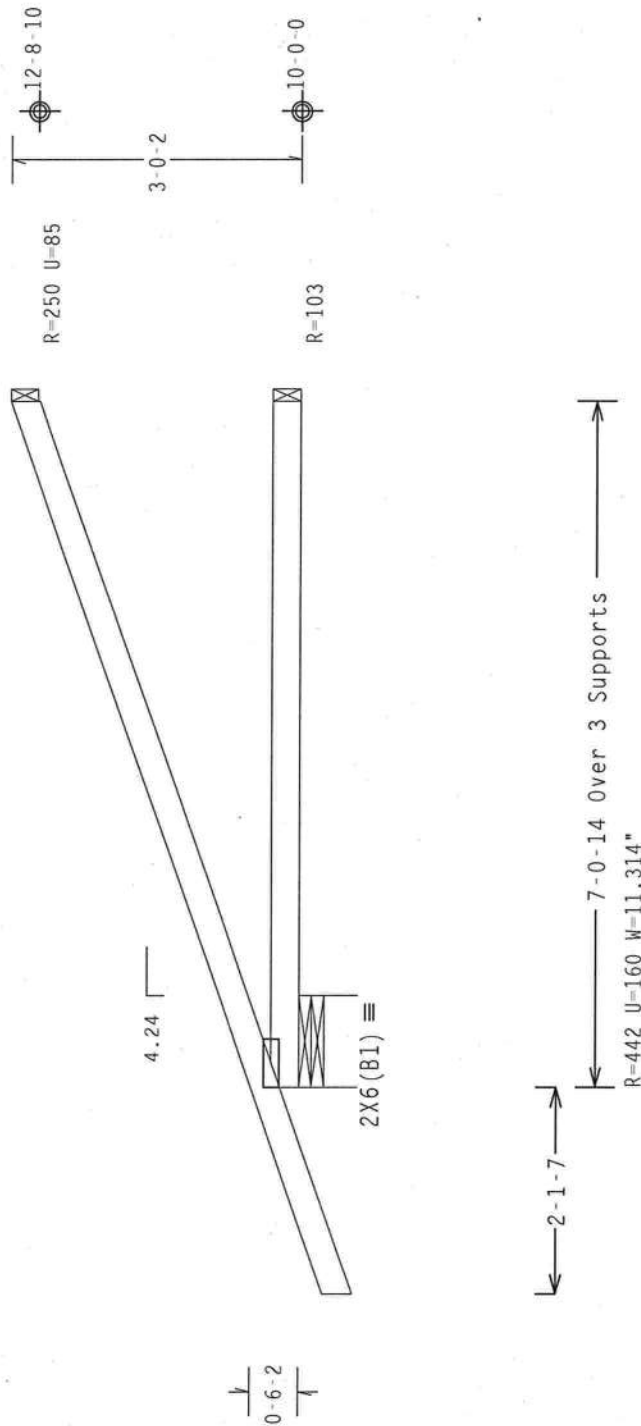
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 3-0-2.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)			
TC	From	61 PLF at -2.12 to	61 PLF at 7.07
BC	From	20 PLF at 0.00 to	20 PLF at 7.07
TC	-	-86 LB Conc. Load at 1.48	
BC	-	135 LB Conc. Load at 4.31	
BC	-	10 LB Conc. Load at 1.48	
BC	-	52 LB Conc. Load at 4.31	



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

310

QTY:2 FL1-151-1-1R1-

Scale = .5" / Ft.

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. NORTH BAY BUILDING COMPONENTS, INC. PUBLISHED BY TRUSS PLATE INSTITUTE, 2100 NORTH LA STREET, SUITE 100, CHICAGO, ILL. 60647. RUSS, COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES. ALWAYS PREPARE TRUSSES UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED CEILING.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL TRUSS BEAMS (AND ALL COMPONENTS), PUBLISHED BY TPI (CROSS PLATE INSTITUTE, 6300 NORTH L STREET, SUITE 100, WILMINGTON, OH 43081), ARE TO BE USED IN ACCORDANCE WITH THE TPI ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING, A BRACING, TRUSSES.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BUILDERS MUST BE AWARE OF THE FOLLOWING INFORMATION: TITB BCG, INC., TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, WILMINGTON, MA 01897-1604; TITB BCG, INC., TRUSS PLATE INSTITUTE, 210 ENTERPRISE LANE, MADISON, MI 48371-9100 FOR SPECIFIC 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. TITB BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TITB OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPTI. CONNECTOR PLATES ARE MADE OF 2017-T6 ALUMINUM (H-155XK) ASTM A653 GRADE 40/60 (H- K/H-55) GALV. STEEL. APPLY AN ADDITIONAL FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2 THROUGH 100E. PROVIDE 2017-T6 ALUMINUM (H-155XK) ASTM A653 GRADE 40/60 (H- K/H-55) GALV. STEEL FOR THE TRUSS DRAMING. INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY TO COMPLETE THE TRUSS FOR THE 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

Haines City, FL 33844
FL Certificate of Authorization #0278

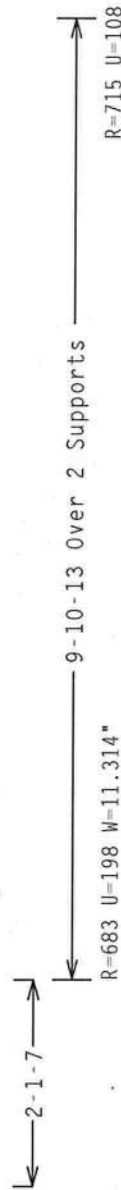


Jan

TC LL	20.0	PSF	REF R215-- 83874
TC DL	10.0	PSF	DATE 01/11/08
BC DL	10.0	PSF	DRW HCUSR215 08011033
BC LL	0.0	PSF	HC-ENG RA/WHK
TOT.LD.	40.0	PSF	SEQN- 96418
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TE1215 Z07

Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-0-2.



Design Crit: TPI-2002(STD)/FBC

Scale = .5"/Ft.

QTY:5 FL/-/5/-/-/R/-/

810.02

 $Cq/RT=1.00(1.25)/0(0) \quad 7.$

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= —
三
二

PLT TYP. Wave

TC LL	20.0 PSF	REF R215--	83875
TC DL	10.0 PSF	DATE	01/11/08
BC DL	10.0 PSF	DRW HCUR215	08011034
BC LL	0.0 PSF	HC-ENG RA/WHK	
TOT.LD.	40.0 PSF	SEQN-	96415
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TE1215_Z07



MENT FOR ANY BUILDING IS THE RES

DESIGNER PER ANSI/TPI 1 SEC. 2.

Haines City, FL 33844

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

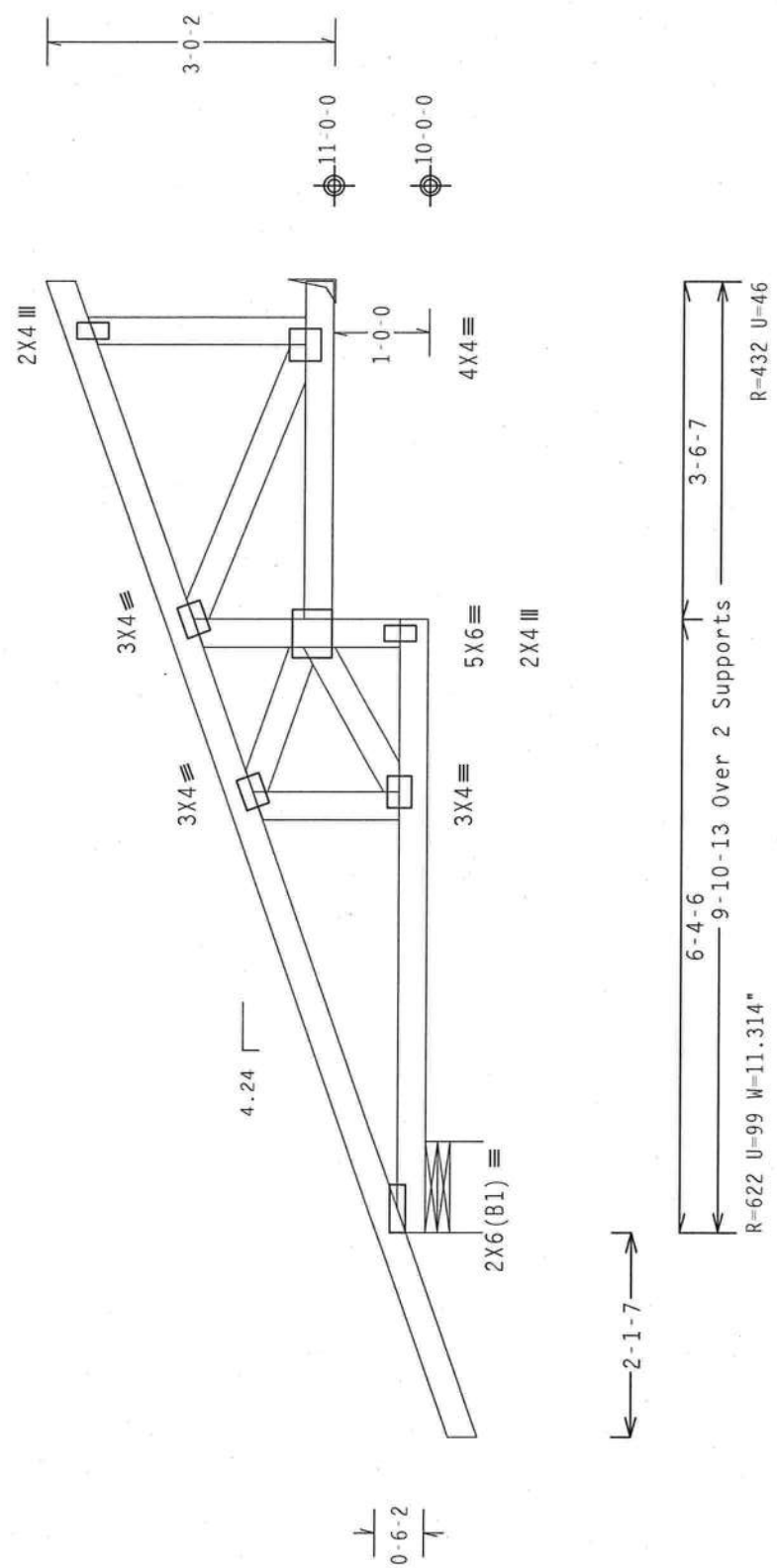
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

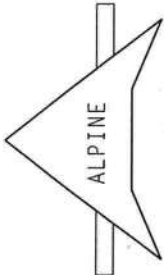
The overall height of this truss excluding overhang is 4-0-2.

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at -2.12 to 61 PLF at 9.90
BC - From 20 PLF at 0.00 to 20 PLF at 6.36
TC - From 20 PLF at 6.36 to 20 PLF at 9.90
TC - 87 LB Conc. Load at 4.31
BC - 33 LB Conc. Load at 4.31

Deflection meets L/240 live and L/180 total load.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	Cq/RT=1.00(1.25)/0(0) 7.38.0810.02		QTY:1	FL/-/5/-/-/R/-		Scale =.5"/Ft.	
	Design Crit: TPI-2002(STD)/FBC			TC LL	20.0 PSF	REF	R215-- 83876
 ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	No. 5222			TC DL	10.0 PSF	DATE	01/11/08
	STATE OF FLORIDA			BC DL	10.0 PSF	DRW	HCUSR215 08011035
				BC LL	0.0 PSF	HC-ENG	RA/WHK
				TOT.LD.	40.0 PSF	SEQN-	96916
				DUR.FAC.	1.25	FROM	CDM
				SPACING	24.0"	JREF-	1TE1215_207

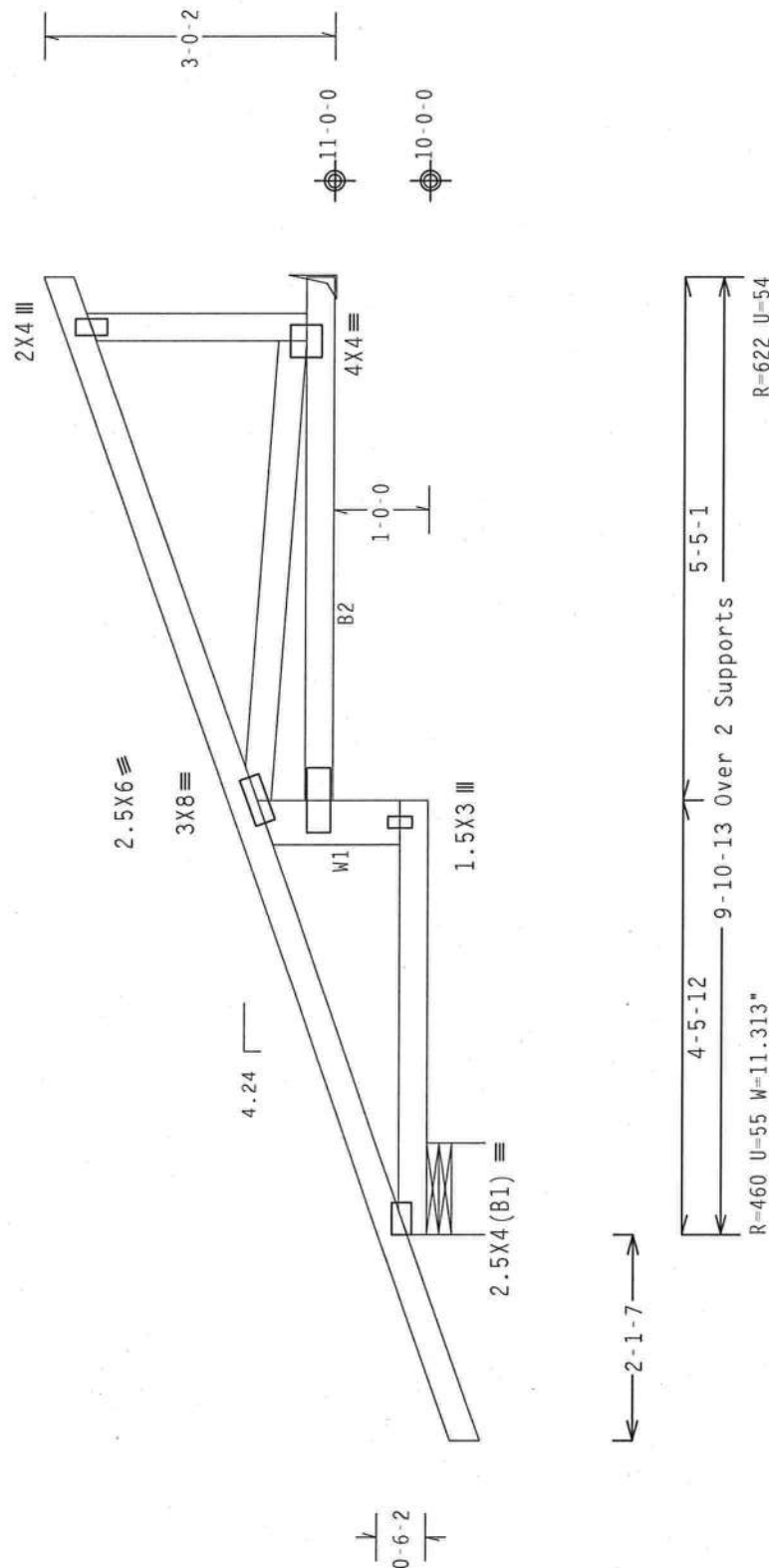
	Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N	:B2 2x4 SP SS:
	webs	2x4	SP	#2	N	:W1 2x6 SP #2 Dense:

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.

Wind reactions based on MWFRS pressures.

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

Deflection meets L/180 live and L/120 total load.



Design Crit: TPI-2002(STD)

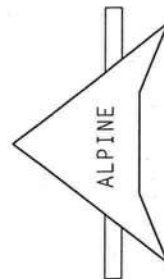
QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. CONSULT THE TRUSS MANUFACTURER'S INSTRUCTIONS. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH THEY WERE DESIGNED.

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. FOR THE MOST COMPLETE COMPETITIVE BIDDING INFORMATION, PUBLISHED BY ITW (TRUSS PULPIT INSTITUTE, 218 NORTH LEE STREET, SUITE 100, WILKINSON, NJ 07075), OR THE U.S. DEPARTMENT OF COMMERCE, 6300 ROCKEFELLER AVENUE, SUITE 100, WASHINGTON, DC 20042, CALL 1-800-368-5279. FOR SAFETY PRACTICES PRIOR TO PERFORMANCE, UNDERSTAND THE FOLLOWING: TRUSSES ARE NOT TO BE USED FOR ANY OTHER USE 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 RCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BRACE THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

[illegible]

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

James City, FL 33844
FL Certificate of Authorization #0278

TC LL	20.0	PSF	REF	R215--	83877
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCUSR215	08011036
BC LL	0.0	PSF	HC-ENG RA/WHK		
TOT.LD.	40.0	PSF	SEQN-	15954	REV
DUR.FAC.	1.25		FROM CDM		
SPACING	24.0"		JREF- 1TE1215 Z07		

BEARING BLOCK NAIL SPACING DETAIL

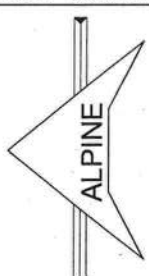
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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

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"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGK0699



ALPINE
BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

ITV BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWING B139 AND CNBRGK0699

REF BEARING BLOCK
DATE 2/23/07
DRWG CNBRGK0207
-ENG SUP/KAR

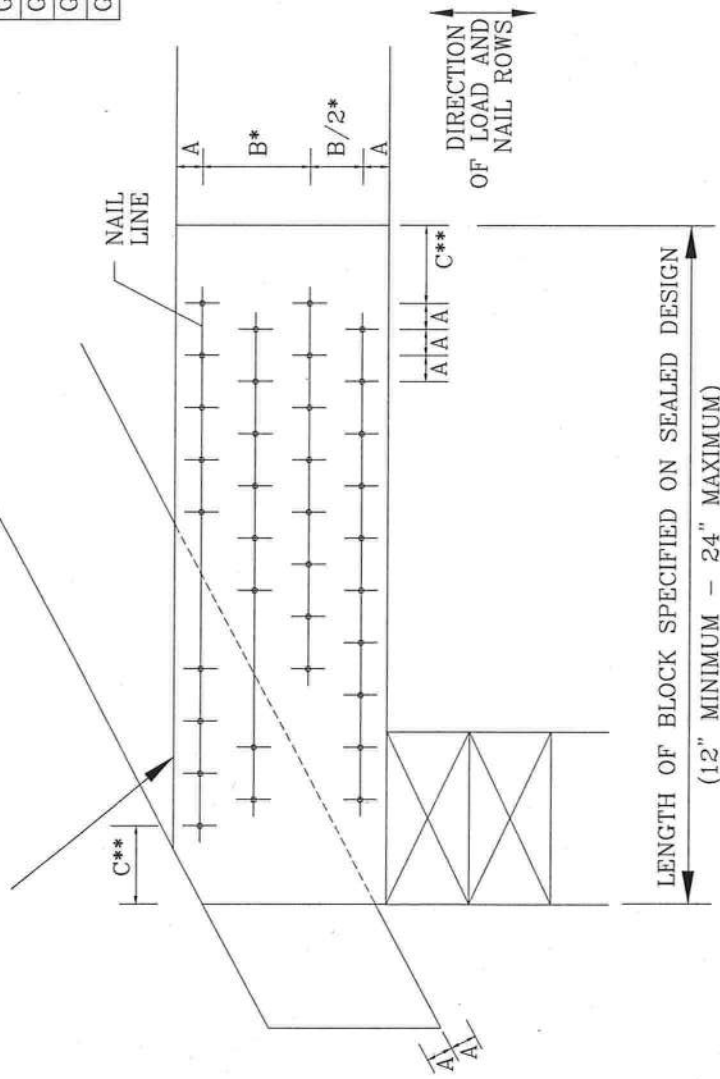
James F. Collins, P.E.
No. 52212
Professional Engineer
State of Florida

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.



BOTTOM CHORD FILLER DETAIL

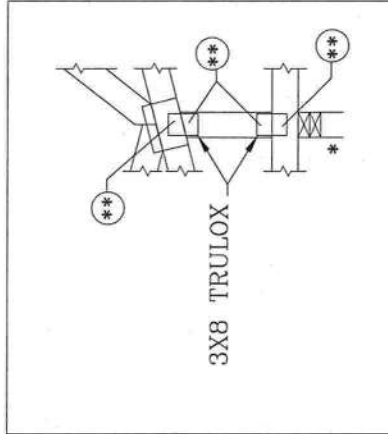
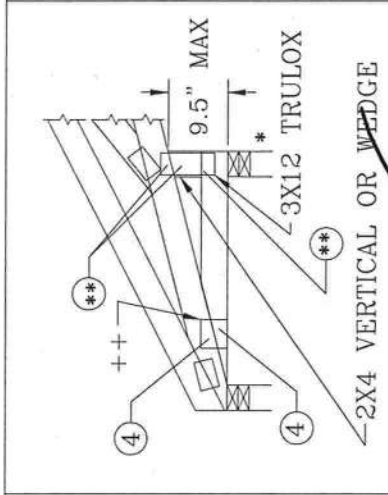
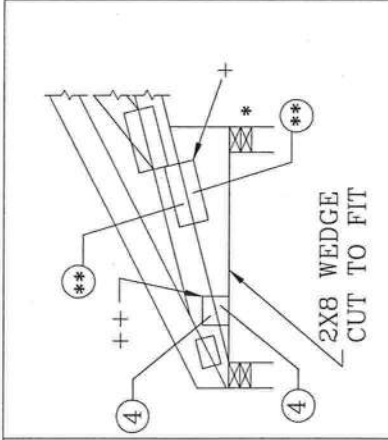
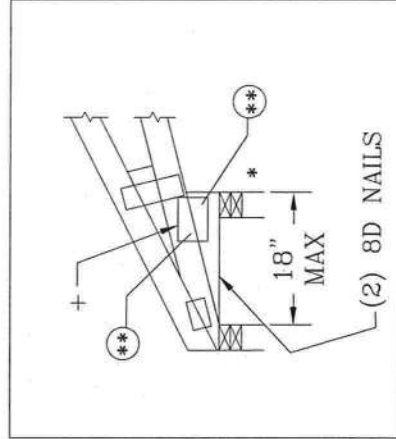
* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

+ 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

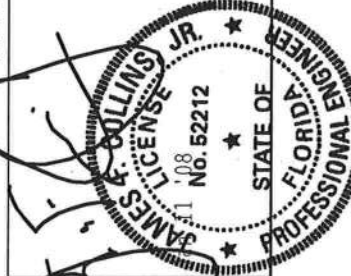
ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMMODATE REQUIRED NAILS (**)

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

 ALPINE BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA	**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, 210 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THE WORK. UNLESS OTHERWISE INDICATED, 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 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. TVB CONNECTOR PLATES ARE MADE OF 2017/16GA (A/H/SS/70) ASTM A653 GRADE 40/60 (A/K/L/SS) G30.9. CONNECTOR PLATES ARE TO BE INSTALLED ON THE INSIDE OF THE TRUSS. THIS BEARING DESIGN, POSITIONING PER DRAWINGS 1604-7. ANY INSPECTION OF PLATES ON THE INSIDE OF THE TRUSS SHALL BE THE RESPONSIBILITY OF THE TRUSS FABRICATOR. 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	BC FILLER
	TC DL	—	PSF	DATE	2/23/07
	BC DL	10.0	PSF	DRWG	BCFILLER0207
	BC LL	—	PSF	—	—ENG DLJ/KAR
TOT. LD.		—			
DUR. FAC. 1.0/1.15/1.25/1.33					
SPACING 24.0"					



CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

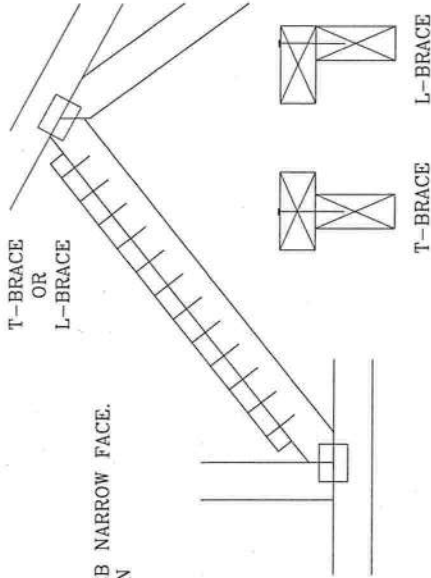
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

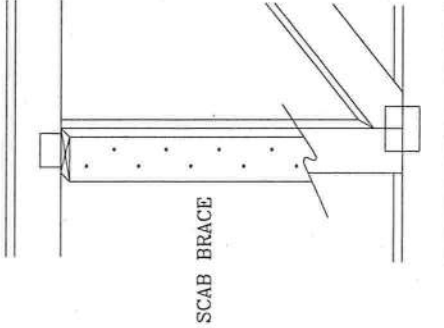
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

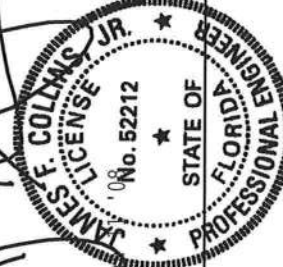


THIS DRAWING REPLACES DRAWING 579.640

 ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA	THIS DRAWING REPLACES DRAWING 579.640				REF	CLB	SUBST.
	TC	LL	PSF	PSF	DATE	2/23/07	
	TC	DL	PSF	PSF	DRWG	BRCBLSUB0207	
	BC	DL	PSF	PSF	-ENG	MLH/KAR	
	BC	LL	PSF	PSF			
TOT. LD.				DUR. FAC.	SPACING		

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, 210 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304) AND WTCA (WOOD TRUSS CONSTRUCTION INSTITUTE, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE INDICATED, ALL TRUSSES AND CHORDS 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. 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 AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI (ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA C/H/SS/30 ASTM A653 GRADE 40/60 C/H/SS) UNLESS OTHERWISE INDICATED. THIS TRUSS DESIGN IS THE PROPERTY OF ITW BUILDING COMPONENTS GROUP, INC. 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.



COLUMBIA COUNTY OFFICIAL 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 20-3S-16-02202-125

Building permit No. 000026693

Use Classification SFD, UTILITY

Fire: 77.00

Permit Holder BLAKE LUNDE

Waste: 201.00

Owner of Building CEMJET, LLC

Total: 278.00

Location: 193 NW WHITTON CT., LAKE CITY, FL

Date: 10/07/2009

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Wayne A. Lunde