

DATE 01/23/2008

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

PERMIT
000026660

APPLICANT DONALD HOLLINGSWORTH PHONE 755-5944
ADDRESS 598 NW BRADY CIRCLE LAKE CITY FL 32055
OWNER DONALD HOLLINGSWORTH PHONE 755-5944
ADDRESS 3192 NW MOORE RD LAKE CITY FL 32024
CONTRACTOR DONALD HOLLINGSWORTH PHONE 755-5944
LOCATION OF PROPERTY LAKE JEFFERY RD, R MOORE RD, 10TH OF A MILE ON
RIGHT
TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 173500.00
HEATED FLOOR AREA 2706.00 TOTAL AREA 3470.00 HEIGHT STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING A-3 MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 15-3S-16-02126-003 SUBDIVISION
LOT BLOCK PHASE UNIT 0 TOTAL ACRES

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 08-0066 BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 3418

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 870.00 CERTIFICATION FEE \$ 17.35 SURCHARGE FEE \$ 17.35
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 \$ TOTAL FEE 979.70
INSPECTORS OFFICE CLERKS OFFICE

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.

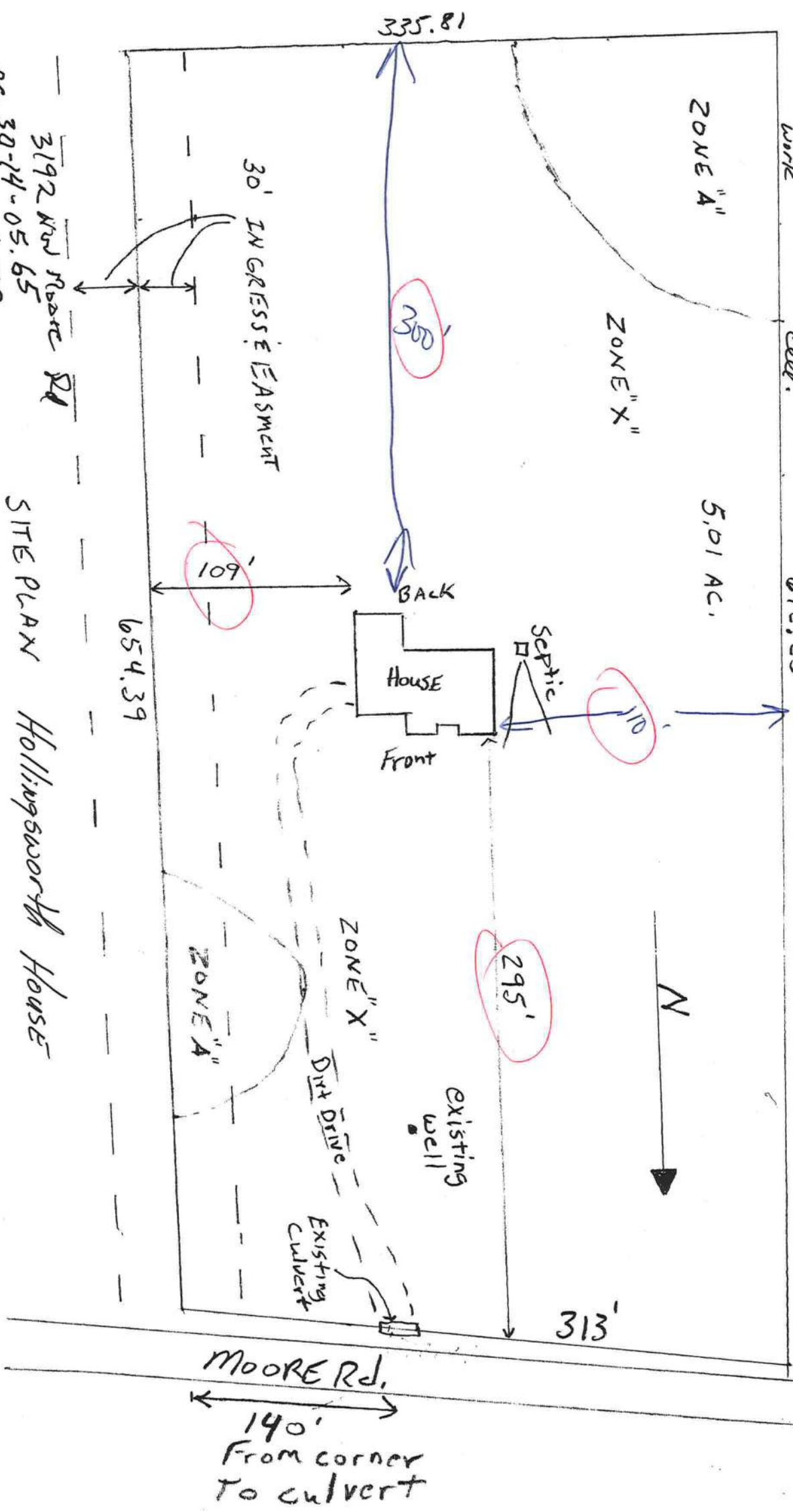
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

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.

POC's
Donald Hollingsworth
598 NW Brady Circle
Lake City, FL 32055

386-755-5944 623-6982
work cell.



3192 NW Moore Rd
PC 30-14-05.65
82-42-08.79

SITE PLAN Hollingsworth House

Donald Hollingsworth

Columbia County Building Permit Application

For Office Use Only Application # 0801-73 Date Received 1-15-08 By LH Permit # 266660
 Zoning Official BLK Date 1-23-08 Flood Zone X FEMA Map # N/A Zoning A-3
 Land Use A-3 Elevation N/A MFE 1st Above Rd River N/A Plans Examiner DKJTH Date 1-22-08
 Comments THIS DWELLING HAS AN EXISTING PERMITTED SLAB FOUNDATION, WILL FINISH FROM SLAB UP (JTH)
☒ NOC ☒ DEH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Authorization from Contractor Describe Statement
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. 08-0066 Fax 386-755-5443
 Name Authorized Person Signing Permit Donald Hollingsworth Phone 386-755-5944
 Address 598 NW Brady Circle, Lake City Florida 32055
 Owners Name Donald Hollingsworth Phone 386-755-5944
 911 Address 3192 NW Moore Rd, Lake City Florida 32055
 Contractors Name Donald Hollingsworth Phone 386-755-5944
 Address 598 NW Brady Circle, Lake City Florida 32055
 Fee Simple Owner Name & Address Donald Hollingsworth
 Bonding Co. Name & Address N/A.
 Architect/Engineer Name & Address Mark Disosway
 Mortgage Lenders Name & Address N/A.

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 15-35-16-02126-003 Estimated Cost of Construction 215,000.00
 Subdivision Name N/A Lot _____ Block _____ Unit _____ Phase _____
 Driving Directions Hwy 90 west Turn Right on Lake Jeffery - To Moore Rd
Turn Right on Moore - .10th of mile on Right - Holly Electric sign
Remodel See NOTE under comments Number of Existing Dwellings on Property 0
 Construction of NEW - HOUSE SFD Total Acreage 5.01 Lot Size _____
 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 18'
 Actual Distance of Structure from Property Lines - Front 295' Side 109' Side 110' Rear 300'
 Number of Stories 1 Heated Floor Area 2706 Total Floor Area 3470 Roof Pitch 6/12

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

- JW called - Left MESSAGE w/ Rita. 1-23-08

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

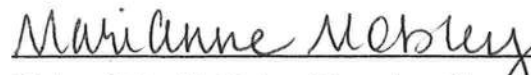

Owners Signature

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

Contractor's Signature (Permitee)

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

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


State of Florida Notary Signature (For the Contractor)

SEAL:





COLUMBIA COUNTY BUILDING DEPARTMENT

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

NOTARIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved for yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allows for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

TYPE OF CONSTRUCTION

☒ Single Family Dwelling

☐ Two-Family Residence

☐ Farm Outbuilding

☐ Other _____

☐ Addition, Alteration, Modification or other Improvement

Donald Hollingsworth, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

[Signature]
Owner Builder Signature _____ Date _____

FLORIDA NOTARY

The above signer is personally known to me or produced identification _____

Notary Signature Marianne Mobley Date 1-15-2008



FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date _____ Building Official/Representative _____

**COLUMBIA CHD
ENVIRONMENTAL HEALTH
386-758-1058**

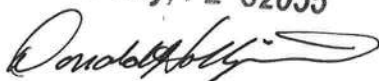
Name: Hollingsworth

YOUR SEPTIC PERMIT #

08-0066 MUST

**BE PROVIDED
FOR ALL QUESTIONS OR TO
SCHEDULE INSPECTIONS**

Hollingsworth
598 NW Brady Circle
Lake City, FL 32055


1-15-08

Donald Hollingsworth

Donald Hollingsworth

1-15-08

ATS# 16910

This Instrument Prepared By:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, Florida 32055

Inst:200712028580 Date:12/31/2007 Time:8:27 AM

Doc Stamp-Deed:373.10

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

SPECIAL WARRANTY DEED

THIS INDENTURE, Made the 27th day of December, 2007, by First Federal Savings Bank of Florida, whose mailing address is PO Box 2029, Lake City, FL 32056, hereinafter called the Grantor, to Donald R. Hollingsworth, and his wife, LaRita R. Hollingsworth whose mailing address is: 598 NW Brady Circle, Lake City, FL 32055 hereinafter called the Grantee:

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

WITNESSETH that the Grantor, for and in consideration of the sum of ten (\$10.00) dollars and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the Grantee, all that certain land situate in Columbia County, Florida, viz: Part of TAX ID: R02126-003:

SEE EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF.

TOGETHER WITH all tenements, hereditaments and appurtenances hereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under Grantor, but against none other.

SUBJECT TO lien of ad valorem taxes accruing after December 31, 2007; existing road rights of way and utility easements of record, or in visible use and existence; unrecorded hunting leases, if any, licenses, restrictions, reservations (provided however that nothing herein shall be deemed to reimpose the same).

GRANTOR EXPRESSLY DISCLAIMS AND NEGATES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, RELATING TO THE CONDITIONS, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OF THE LAND DESCRIBED HEREIN, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY RELATING TO EXISTING CONDITIONS ON THE LAND OR ITS SUITABILITY FOR ANY SPECIFIC USE BY GRANTEE FOR ANY PURPOSE OTHER THAN THE HISTORIC USE THEREOF; OR THE STATUS OF THE LAND UNDER LOCALLY APPLICABLE LAWS PERTAINING TO LAND USE, ZONING, OR OTHERWISE, AND THE LAND DESCRIBED HEREIN IS CONVEYED TO AND ACCEPTED BY GRANTEE IN ITS "AS IS, WHERE IS" CONDITION AS OF THE DATE HEREOF.

IN WITNESS WHEREOF the said Grantor has hereunto set their hand and seal the day and hear first above written.

Signed, Sealed and Delivered in our presence:

Sharon Skeen
WITNESS Sharon Skeen

Joyce J. Warner
WITNESS Joyce J. Warner

STATE OF FLORIDA
COUNTY OF COLUMBIA

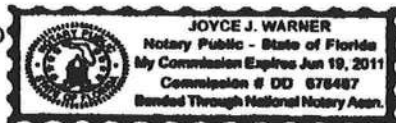
First Federal Savings Bank of Florida

BY: Keith C. Leibfried
Keith C. Leibfried, President

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the county aforesaid, to take acknowledgments, personally appeared Keith C. Leibfried, as President of First Federal Savings Bank of Florida, to me known to be the person described in and who executed the foregoing instrument and acknowledged before me that He/She executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 27 day of December, 2007.

(SEAL)



Joyce J. Warner
NOTARY PUBLIC
My Commission Expires:

Donald Hollingsworth



1-15-08

ATS #16910

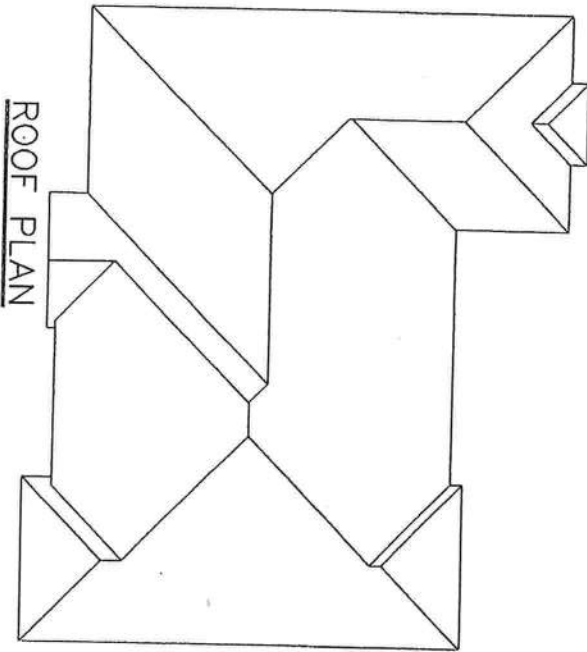
Exhibit "A"

The following property in Columbia County, Florida, to-wit:

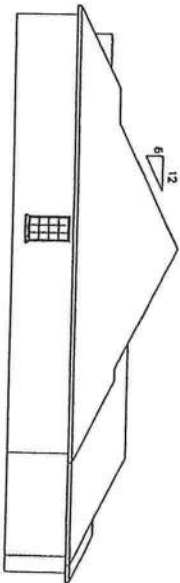
A part of the West $\frac{1}{2}$ of the Northwest $\frac{1}{4}$ of the Northeast $\frac{1}{4}$ of Section 15, Township 3 South, Range 16 East, being more particularly described as follows: Commence at the Southwest corner of said W $\frac{1}{2}$ and run thence North $00^{\circ}25'58''$ West, along said West line, a distance of 547.44 feet to the Point of Beginning; thence North $00^{\circ}25'58''$ West, along said West line, a distance of 692.23 feet to the South maintained right-of-way of Moore Road; thence South $85^{\circ}13'22''$ East, along said right-of-way, a distance of 313.84 feet; thence South $02^{\circ}27'29''$ East, a distance of 654.39 feet; thence South $87^{\circ}54'13''$ West, a distance of 335.81 feet to the Point of Beginning.

Hollingsworth
598 NW Brady Circle
Lake City, FL 32055

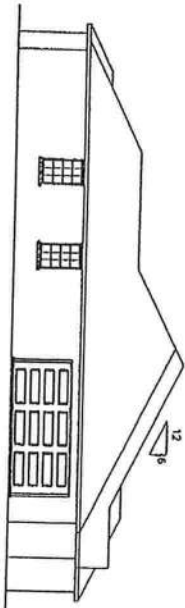
Site Plan #1



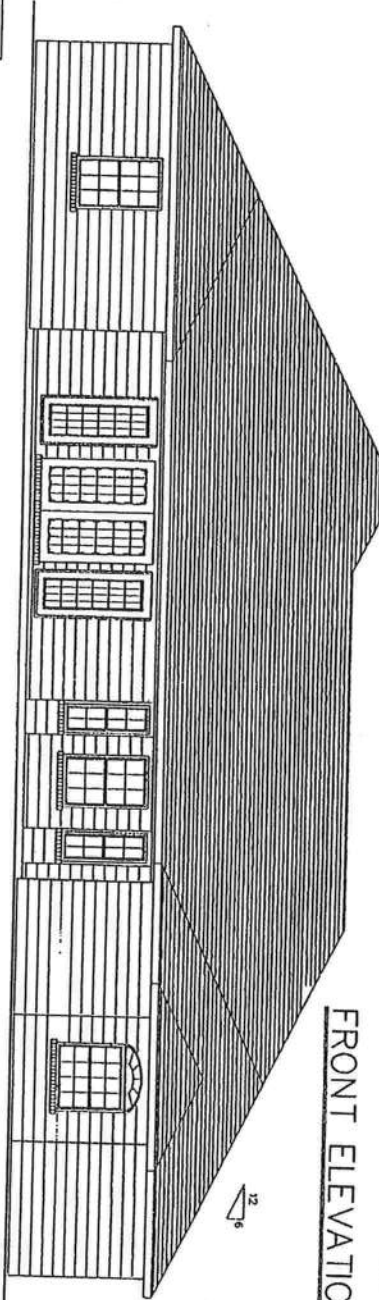
ROOF PLAN



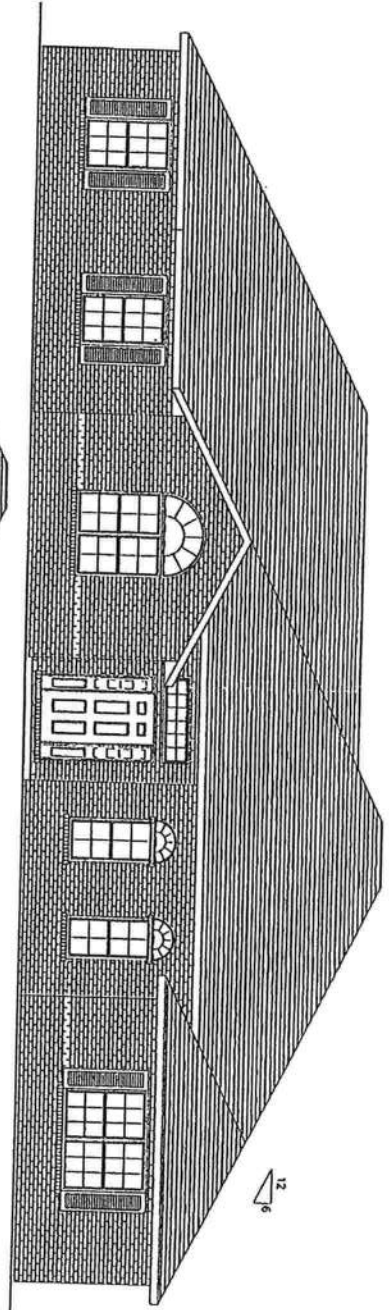
LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



FRONT ELEVATION

AREA SUMMARY
LIVING AREA (FRAME) 2706 SF
GARAGE 484 SF
PORCHES 280 SF
TOTAL AREA 3470 SF

ALL WORK SHALL COMPLY WITH
THE STANDARD BUILDING CODE
AND ALL OTHER APPLICABLE
LOCAL CODES AND ORDINANCES.

The Hampton II Model
LAKE CITY, FLORIDA

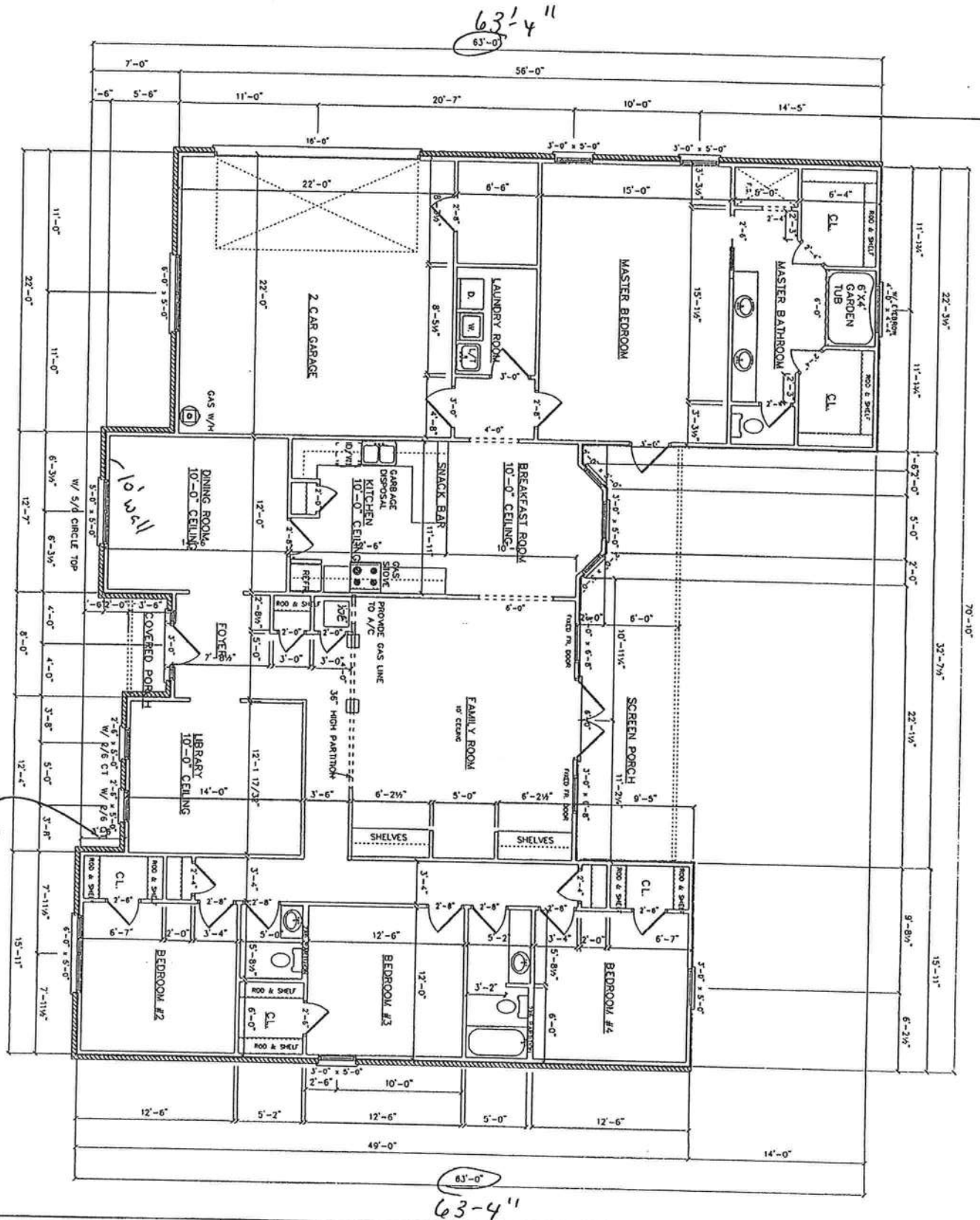
Hollingsworth
Donald B. Hollingsworth

EXTERIOR
ELEVATIONS
1/4" = 1'0"

September 19
09:34 AM

SHEET #
1

Hollingsworth
598 NW Brady Circle
Lake City, FL 32055



MAIN FLOOR PLAN
1/4" = 1'-0"
September 19
09-17 AM
SHEET #
3

The Hampton II Residence
Hollingsworth LAKE CITY, FL
Donald W. Hollingsworth

AREA SUMMARY
LIVING AREA (FRAME) 2706 SF
GARAGE 484 SF
PORCHES 280 SF
TOTAL AREA 3470 SF

ALL WORK SHALL COMPLY WITH THE STANDARD BUILDING CODE AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES.

0801-73

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 15-38-16-02126-003

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): See Attached Exhibit (A) ON BACK
 a) Street (job) Address: 3192 NW Moore Rd. Lake City Florida 32055
2. General description of improvements: _____
3. Owner Information
 a) Name and address: DONALD HOLLINGSWORTH 598 NW Brady Circle Lake City, FLA. 32055
 b) Name and address of fee simple titleholder (if other than owner) OWNER
 c) Interest in property OWNER
4. Contractor Information
 a) Name and address: _____
 b) Telephone No.: N/A Fax No. (Opt.) _____
5. Surety Information
 a) Name and address: _____
 b) Amount of Bond: N/A
 c) Telephone No.: _____ Fax: _____
6. Lender
 a) Name and address: _____
 b) Phone No.: N/A
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: SELF
 b) Telephone No.: 386-755-5944 Fax No. (Opt.) 386-755-5443
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
 a) Name and address: _____
 b) Telephone No.: N/A 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. Donald Hollingsworth
 Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Donald Hollingsworth
 Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 15th day of January, 2008, by: Donald Hollingsworth as Owner (type of authority, e.g. officer, trustee, attorney fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification _____ Type _____

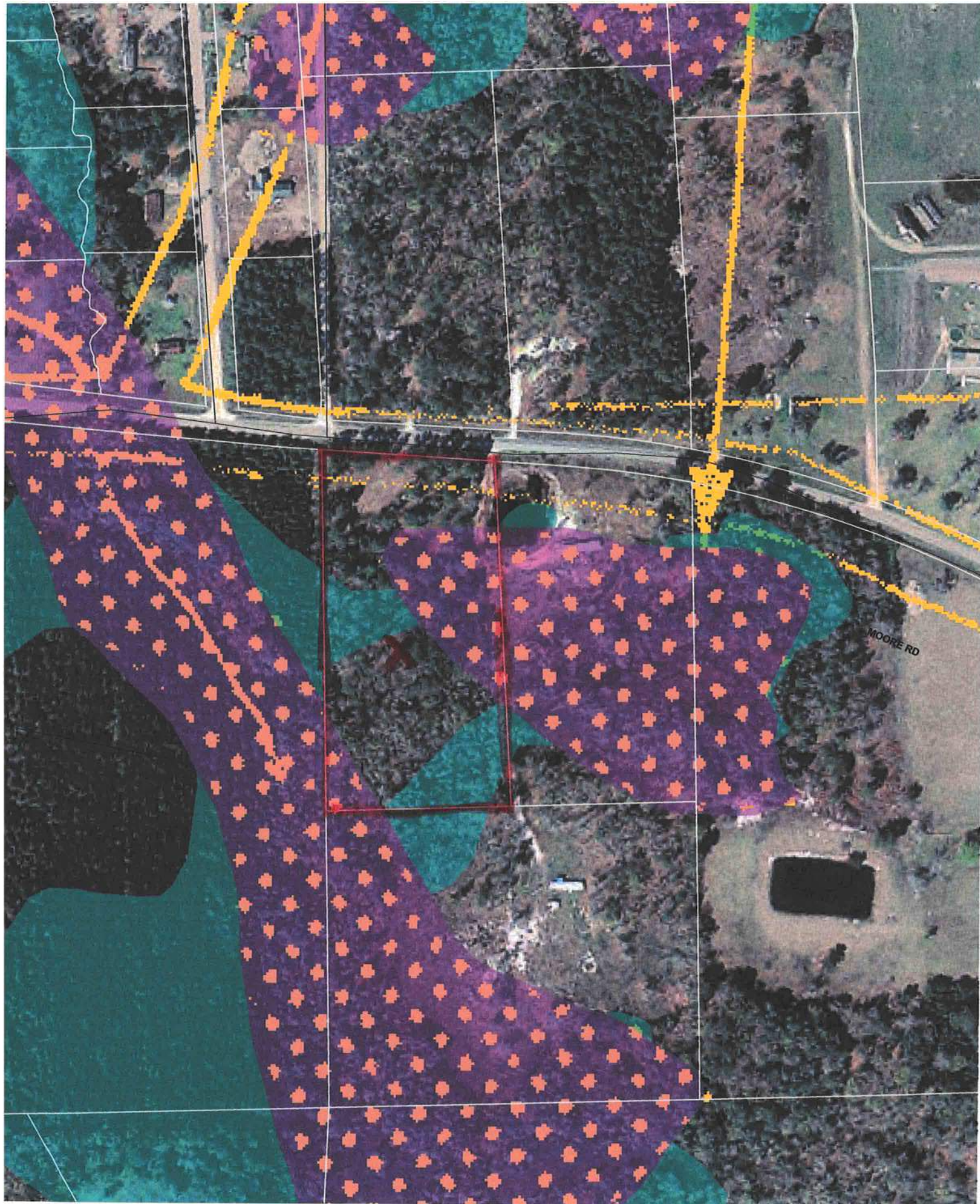
Notary Signature Marianne Mobley Notary Stamp or Seal:



-AND-

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.

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



0801-73

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

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

Addressing Maintenance

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

DATE REQUESTED: 12/12/2007 DATE ISSUED: 12/14/2007

ENHANCED 9-1-1 ADDRESS:

3192 NW MOORE RD

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

15-3S-16-02126-003

Remarks:

Address Issued By: 
Columbia County 9-1-1 Addressing / GIS Department

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

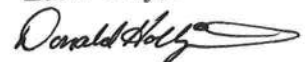
Approved Address

1058

DEC 14 2007

911Addressing/GIS Dept

Hollingsworth
598 NW Brady Circle
Lake City, FL 32055



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: 801141Hollingsworth Address: City, State: , FL Owner: Hollingsworth Residence Climate Zone: North	Builder: Hollingsworth Permitting Office: Columbia Permit Number: 26660 Jurisdiction Number: 221000
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1. New construction or existing New ☐ 2. Single family or multi-family Single family ☐ 3. Number of units, if multi-family 1 ☐ 4. Number of Bedrooms 5 ☐ 5. Is this a worst case? Yes ☐ 6. Conditioned floor area (ft²) 2706 ft² ☐ 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>305.6 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td></td> <td></td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td>7b. (Clear)</td> <td>305.6 ft²</td> </tr> </table> 8. Floor types <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 30%;">R=0.0, 297.0(p) ft</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> </tr> </table> 9. Wall types <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 30%;">R=13.0, 2646.0 ft²</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. Frame, Wood, Adjacent</td> <td>R=13.0, 420.0 ft²</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> </tr> <tr> <td>d. N/A</td> <td></td> <td></td> </tr> <tr> <td>e. N/A</td> <td></td> <td></td> </tr> </table> 10. Ceiling types <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 30%;">R=30.0, 2706.0 ft²</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> </tr> </table> 11. Ducts <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="width: 30%;">Sup. R=6.0, 220.0 ft</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> </tr> </table>	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	305.6 ft ²	b. SHGC:			(or Clear or Tint DEFAULT)	7b. (Clear)	305.6 ft ²	a. Slab-On-Grade Edge Insulation	R=0.0, 297.0(p) ft		b. N/A			c. N/A			a. Frame, Wood, Exterior	R=13.0, 2646.0 ft ²		b. Frame, Wood, Adjacent	R=13.0, 420.0 ft ²		c. N/A			d. N/A			e. N/A			a. Under Attic	R=30.0, 2706.0 ft ²		b. N/A			c. N/A			a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 220.0 ft		b. N/A			12. Cooling systems <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Central Unit</td> <td style="width: 30%;">Cap: 58.0 kBtu/hr</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td>SEER: 13.00</td> <td></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> </tr> </table> 13. Heating systems <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Electric Heat Pump</td> <td style="width: 30%;">Cap: 58.0 kBtu/hr</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td>HSPF: 7.90</td> <td></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> <td></td> </tr> </table> 14. Hot water systems <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Electric Resistance</td> <td style="width: 30%;">Cap: 40.0 gallons</td> <td style="width: 40%;"></td> </tr> <tr> <td></td> <td>EF: 0.93</td> <td></td> </tr> <tr> <td>b. N/A</td> <td></td> <td></td> </tr> <tr> <td>c. Conservation credits</td> <td></td> <td></td> </tr> <tr> <td>(HR-Heat recovery, Solar</td> <td></td> <td></td> </tr> <tr> <td>DHP-Dedicated heat pump)</td> <td></td> <td></td> </tr> </table> 15. HVAC credits <table style="width: 100%;"> <tr> <td style="width: 30%;">(CF-Ceiling fan, CV-Cross ventilation,</td> <td style="width: 30%;"></td> <td style="width: 40%;"></td> </tr> <tr> <td>HF-Whole house fan,</td> <td></td> <td></td> </tr> <tr> <td>PT-Programmable Thermostat,</td> <td></td> <td></td> </tr> <tr> <td>MZ-C-Multizone cooling,</td> <td></td> <td></td> </tr> <tr> <td>MZ-H-Multizone heating)</td> <td></td> <td></td> </tr> </table>	a. Central Unit	Cap: 58.0 kBtu/hr			SEER: 13.00		b. N/A			c. N/A			a. Electric Heat Pump	Cap: 58.0 kBtu/hr			HSPF: 7.90		b. N/A			c. N/A			a. Electric Resistance	Cap: 40.0 gallons			EF: 0.93		b. N/A			c. Conservation credits			(HR-Heat recovery, Solar			DHP-Dedicated heat pump)			(CF-Ceiling fan, CV-Cross ventilation,			HF-Whole house fan,			PT-Programmable Thermostat,			MZ-C-Multizone cooling,			MZ-H-Multizone heating)		
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Glass/Floor Area: 0.11

Total as-built points: 36828

Total base points: 44276

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: 1-14-07

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2706.0	20.04	9761.1	Double, Clear	S	1.5	6.0	15.0	35.87	0.86	460.6
				Double, Clear	S	1.5	4.5	17.3	35.87	0.78	481.5
				Double, Clear	SE	99.0	5.5	10.0	42.75	0.38	162.2
				Double, Clear	S	6.5	5.5	15.0	35.87	0.49	266.1
				Double, Clear	SW	13.5	5.5	10.0	40.16	0.38	151.9
				Double, Clear	S	8.0	8.0	60.0	35.87	0.52	1120.3
				Double, Clear	S	1.5	5.5	15.0	35.87	0.83	447.7
				Double, Clear	W	1.5	5.5	15.0	38.52	0.90	518.3
				Double, Clear	N	1.5	5.5	30.0	19.20	0.93	534.7
				Double, Clear	N	1.5	7.0	25.0	19.20	0.96	458.4
				Double, Clear	N	1.5	3.0	10.0	19.20	0.83	159.6
				Double, Clear	N	3.0	6.0	13.3	19.20	0.83	212.3
				Double, Clear	N	3.0	1.5	5.0	19.20	0.62	59.8
				Double, Clear	N	1.5	0.0	25.0	19.20	0.59	284.7
				Double, Clear	N	1.5	0.0	10.0	19.20	0.59	113.9
				Double, Clear	E	1.5	5.5	30.0	42.06	0.90	1131.0
				As-Built Total:		305.6			6562.9		
WALL TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM = Points	
Adjacent	420.0	0.70	294.0	Frame, Wood, Exterior		13.0		2646.0		1.50 3969.0	
Exterior	2646.0	1.70	4498.2	Frame, Wood, Adjacent		13.0		420.0		0.60 252.0	
Base Total:		3066.0	4792.2	As-Built Total:		3066.0		4221.0			
DOOR TYPES				Area X BSPM = Points		Type		Area X SPM = Points			
Adjacent	20.0	1.60	32.0	Exterior Insulated		40.0		4.10		164.0	
Exterior	80.0	4.10	328.0	Adjacent Insulated		20.0		1.60		32.0	
				Exterior Insulated		40.0		4.10		164.0	
Base Total:		100.0	360.0	As-Built Total:		100.0		360.0			
CEILING TYPES				Area X BSPM = Points		Type		R-Value		Area X SPM X SCM = Points	
Under Attic	2706.0	1.73	4681.4	Under Attic		30.0		2706.0		1.73 X 1.00 4681.4	
Base Total:		2706.0	4681.4	As-Built Total:		2706.0		4681.4			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:
------------------	-----------

BASE				AS-BUILT			
FLOOR TYPES	Area	X	BSPM = Points	Type	R-Value	Area	X SPM = Points
Slab	297.0(p)	-37.0	-10989.0	Slab-On-Grade Edge Insulation	0.0	297.0(p)	-41.20 -12236.4
Raised	0.0	0.00	0.0				
Base Total:			-10989.0	As-Built Total:			297.0 -12236.4
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
	2706.0	10.21	27628.3			2706.0	10.21 27628.3
Summer Base Points: 36233.9				Summer As-Built Points: 31217.1			
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier X Credit Multiplier = Cooling Points
36233.9	0.4266		15457.4	31217.1	1.00	1.138	0.263 1.000 9324.3

(sys 1: Central Unit 58000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2706.0	12.74	6205.4	Double, Clear	S	1.5	6.0	15.0	13.30	1.12	222.9
				Double, Clear	S	1.5	4.5	17.3	13.30	1.26	289.5
				Double, Clear	SE	99.0	5.5	10.0	14.71	2.65	389.7
				Double, Clear	S	6.5	5.5	15.0	13.30	3.03	603.9
				Double, Clear	SW	13.5	5.5	10.0	16.74	1.99	333.2
				Double, Clear	S	8.0	8.0	60.0	13.30	2.73	2179.3
				Double, Clear	S	1.5	5.5	15.0	13.30	1.15	228.8
				Double, Clear	W	1.5	5.5	15.0	20.73	1.03	319.7
				Double, Clear	N	1.5	5.5	30.0	24.58	1.00	739.5
				Double, Clear	N	1.5	7.0	25.0	24.58	1.00	615.4
				Double, Clear	N	1.5	3.0	10.0	24.58	1.01	248.1
				Double, Clear	N	3.0	6.0	13.3	24.58	1.01	329.9
				Double, Clear	N	3.0	1.5	5.0	24.58	1.03	126.0
				Double, Clear	N	1.5	0.0	25.0	24.58	1.03	631.2
				Double, Clear	N	1.5	0.0	10.0	24.58	1.03	252.5
				Double, Clear	E	1.5	5.5	30.0	18.79	1.04	587.1
				As-Built Total:		305.6			8096.7		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	420.0	3.60	1512.0	Frame, Wood, Exterior	13.0		2646.0	3.40		8996.4	
Exterior	2646.0	3.70	9790.2	Frame, Wood, Adjacent	13.0		420.0	3.30		1386.0	
Base Total: 3066.0 11302.2				As-Built Total:		3066.0			10382.4		
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	20.0	8.00	160.0	Exterior Insulated			40.0	8.40		336.0	
Exterior	80.0	8.40	672.0	Adjacent Insulated			20.0	8.00		160.0	
				Exterior Insulated			40.0	8.40		336.0	
Base Total: 100.0 832.0				As-Built Total:		100.0			832.0		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2706.0	2.05	5547.3	Under Attic	30.0		2706.0	2.05 X 1.00		5547.3	
Base Total: 2706.0 5547.3				As-Built Total:		2706.0			5547.3		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT					
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X	WPM	=	Points
Slab	297.0(p)	8.9	2643.3	Slab-On-Grade Edge Insulation	0.0	297.0(p)	18.80		5583.6
Raised	0.0	0.00	0.0						
Base Total:		2643.3		As-Built Total:		297.0		5583.6	
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
		2706.0	-0.59			2706.0	-0.59		
Winter Base Points:		24933.7		Winter As-Built Points:		28845.4			
Total Winter X Points	System Multiplier	=	Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
24933.7	0.6274		15643.4	(sys 1: Electric Heat Pump 58000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 28845.4 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 14470.4 28845.4 1.00 1.162 0.432 1.000 14470.4					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE					AS-BUILT							
WATER HEATING												
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X	Credit = Total Multiplier	
5		2635.00		13175.0	40.0	0.93	5		1.00	2606.67	1.00	13033.3
					As-Built Total:							
					13033.3							

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
15457		15643		13175 44276	9324		14470		13033 36828

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.2

The higher the score, the more efficient the home.

Hollingsworth Residence, , , FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 58.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	5	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	2706 ft ²	___		___
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		___	13. Heating systems	
a. U-factor:	Description Area		a. Electric Heat Pump	Cap: 58.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 305.6 ft ²	___		HSPF: 7.90
b. SHGC:		___	b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 305.6 ft ²	___	c. N/A	___
8. Floor types		___		___
a. Slab-On-Grade Edge Insulation	R=0.0, 297.0(p) ft	___	14. Hot water systems	
b. N/A		___	a. Electric Resistance	Cap: 40.0 gallons
c. N/A		___		EF: 0.93
9. Wall types		___	b. N/A	___
a. Frame, Wood, Exterior	R=13.0, 2646.0 ft ²	___	c. Conservation credits	___
b. Frame, Wood, Adjacent	R=13.0, 420.0 ft ²	___	(HR-Heat recovery, Solar	___
c. N/A		___	DHP-Dedicated heat pump)	___
d. N/A		___	15. HVAC credits	___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	___
10. Ceiling types		___	HF-Whole house fan,	___
a. Under Attic	R=30.0, 2706.0 ft ²	___	PT-Programmable Thermostat,	___
b. N/A		___	MZ-C-Multizone cooling,	___
c. N/A		___	MZ-H-Multizone heating)	___
11. Ducts		___		___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 220.0 ft	___		___
b. N/A		___		___

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

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



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

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

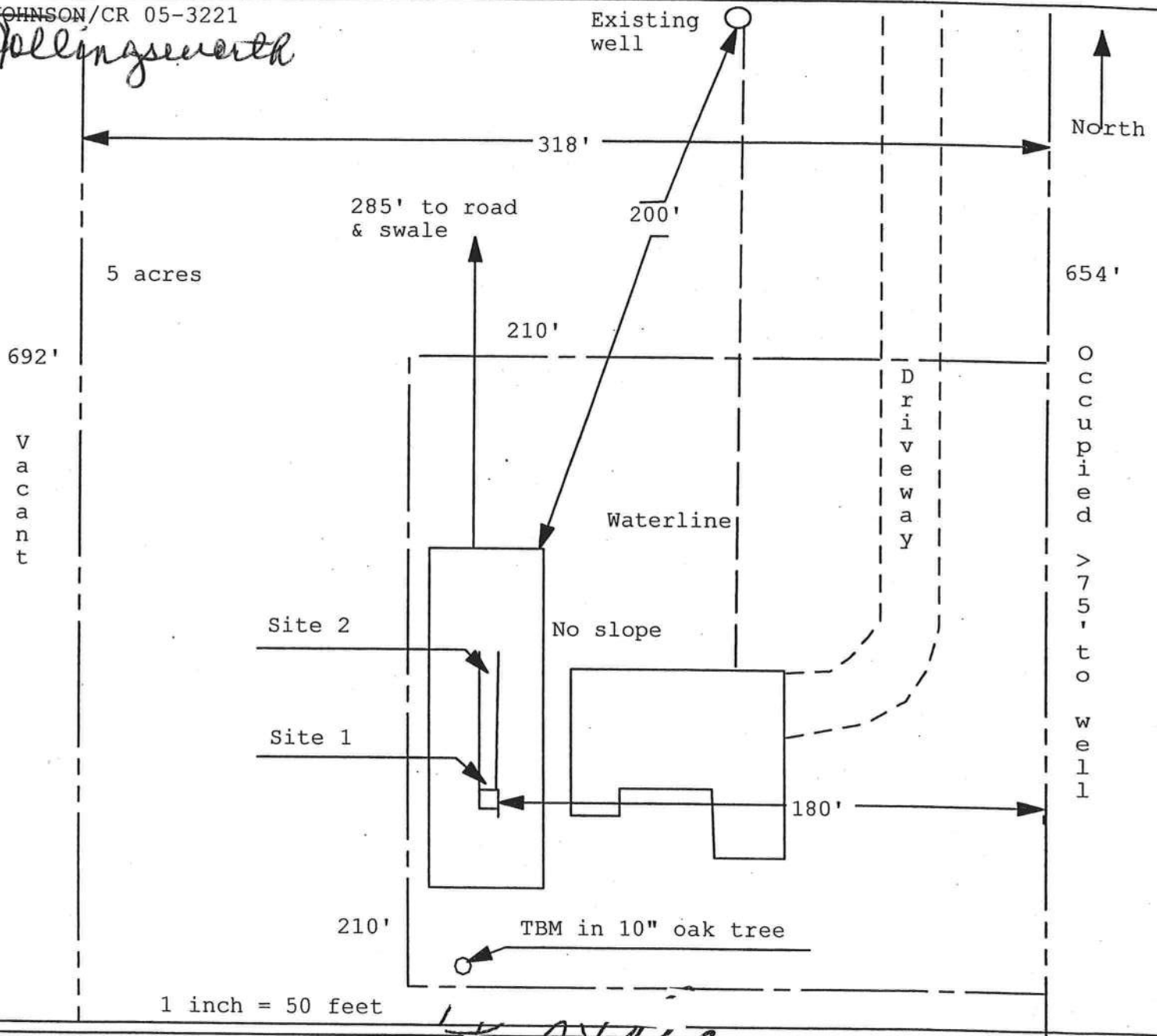
Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan

Permit Application Number: 88-0066

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

JOHNSON/CR 05-3221

Hollingsworth



Site Plan Submitted By *Donald R. Hollingsworth* Date *1-15-08*
Plan Approved *[check]* Not Approved Date *1/23/08*

By *Mr. JH* *Columbia* CPHU

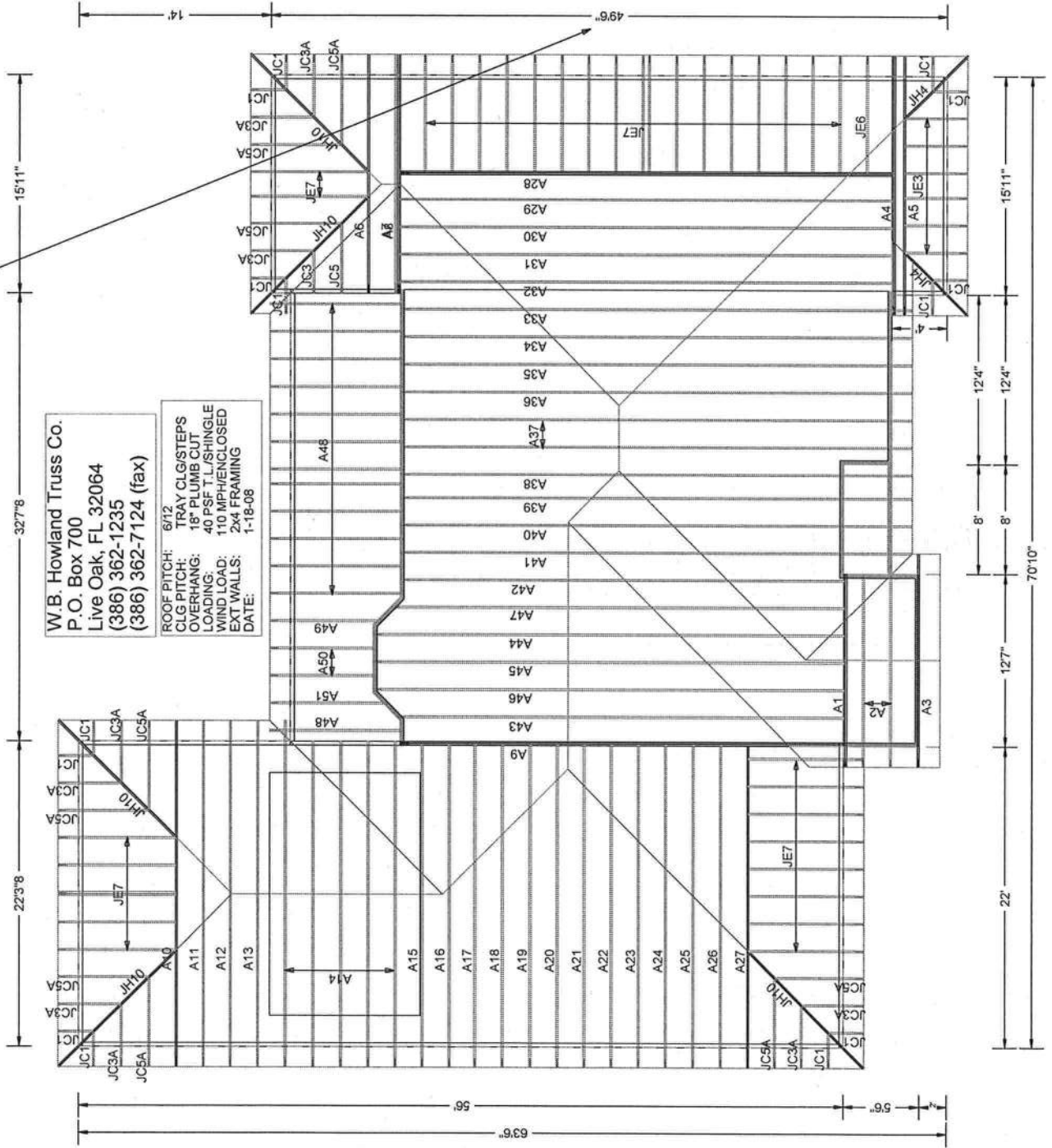
Notes:

JOB NO:
5194

PAGE NO
1 OF 1

6" ADDED TO RIGHT SIDE--(49' CHANGED TO 49'6")--TO ALLOW FOR ROOF PLANES TO WORK OUT PROPERLY

ROOF PITCH: 6/12
CLG PITCH: TRAY CLG/STEPS
OVERHANG: 18" PLUMB CUT
LOADING: 40 PSF T.L./SHINGLE
WIND LOAD: 110 MPH/ENCLOSED
EXT WALLS: 2x4 FRAMING
DATE: 1-18-08



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: ITE9215-Z0221071534

26660

Truss Fabricator: W.B. Howland
Job Identification: 5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL
Truss Count: 61
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.38.
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: 01/21/2008

-Truss Design Engineer-

James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive

Haines City, FL 33844

Details: CNBRGBLK-A11015EE-GBLLETIN-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	23217--A1		08021018	01/21/08
2	23218--A2		08021001	01/21/08
3	23219--A3		08021002	01/21/08
4	23220--A4		08021019	01/21/08
5	23221--A5		08021020	01/21/08
6	23222--A6		08021021	01/21/08
7	23223--A7		08021022	01/21/08
8	23224--A8		08021023	01/21/08
9	23225--A9		08021061	01/21/08
10	23226--A10		08021058	01/21/08
11	23227--A11		08021003	01/21/08
12	23228--A12		08021004	01/21/08
13	23229--A13		08021005	01/21/08
14	23230--A14		08021045	01/21/08
15	23231--A15		08021046	01/21/08
16	23232--A16		08021047	01/21/08
17	23233--A17		08021048	01/21/08
18	23234--A18		08021049	01/21/08
19	23235--A19		08021050	01/21/08
20	23236--A20		08021051	01/21/08
21	23237--A21		08021052	01/21/08
22	23238--A22		08021053	01/21/08
23	23239--A23		08021054	01/21/08
24	23240--A24		08021055	01/21/08
25	23241--A25		08021056	01/21/08
26	23242--A26		08021057	01/21/08
27	23243--A27		08021024	01/21/08
28	23244--A28		08021059	01/21/08
29	23245--A29		08021060	01/21/08
30	23246--A30		08021025	01/21/08
31	23247--A31		08021026	01/21/08
32	23248--A32		08021027	01/21/08
33	23249--A33		08021006	01/21/08
34	23250--A34		08021007	01/21/08
35	23251--A35		08021008	01/21/08
36	23252--A36		08021009	01/21/08

#	Ref	Description	Drawing#	Date
37	23253--A37		08021010	01/21/08
38	23254--A38		08021028	01/21/08
39	23255--A39		08021029	01/21/08
40	23256--A40		08021030	01/21/08
41	23257--A41		08021031	01/21/08
42	23258--A42		08021032	01/21/08
43	23259--A43		08021033	01/21/08
44	23260--A44		08021034	01/21/08
45	23261--A45		08021035	01/21/08
46	23262--A46		08021036	01/21/08
47	23263--A47		08021037	01/21/08
48	23264--A48		08021038	01/21/08
49	23265--A49		08021039	01/21/08
50	23266--A50		08021040	01/21/08
51	23267--A51		08021041	01/21/08
52	23268--JC1		08021042	01/21/08
53	23269--JC3		08021011	01/21/08
54	23270--JC3A		08021012	01/21/08
55	23271--JC5		08021013	01/21/08
56	23272--JC5A		08021014	01/21/08
57	23273--JE3		08021015	01/21/08
58	23274--JE6		08021016	01/21/08
59	23275--JE7		08021017	01/21/08
60	23276--JH4		08021043	01/21/08
61	23277--JH10		08021044	01/21/08

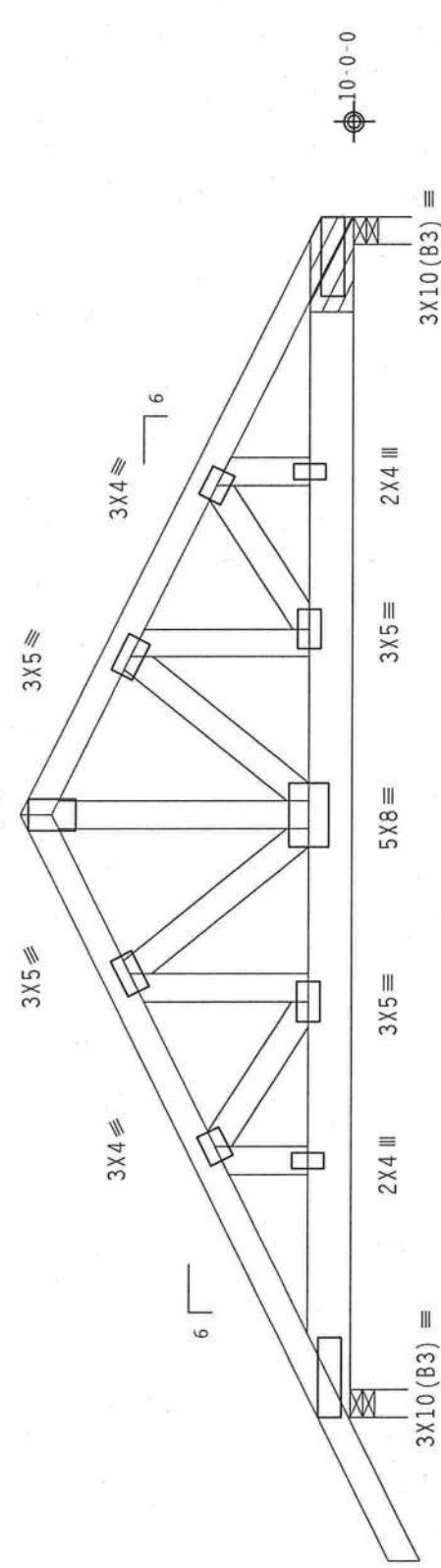


Top chord 2x4 SP #2 N
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

SPECIAL LOADS
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -1.50 to 62 PLF at 6.29
TC - From 62 PLF at 6.29 to 62 PLF at 12.58
BC - From 20 PLF at 0.00 to 20 PLF at 12.58
BC - 1350 LB Conc. Load at 2.06 6.06, 8.06
BC - 1424 LB Conc. Load at 4.06,
BC - 1369 LB Conc. Load at 10.06
BC - 1342 LB Conc. Load at 12.06

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. IW=1.00 GCpi (+/-)=0.18

The overall height of this truss excluding overhang is 3-5-15.



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
2 12.292' 1 12" 4
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0207 for additional information.

Wind reactions based on MWFRS pressures.

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

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

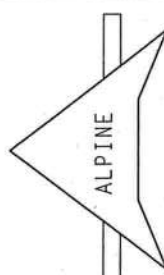
Cq/RT=1.00(1.25)/0(0)

7-38.0810

QTY:1

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

Scale =.5"/Ft.

 ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0278	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (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 NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/16GA (K/H/SS/K) ASTM A653 GRADE 40/60 (K, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF ALL TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2, 100B-2, 100C-2, 100D-2, 100E-2, 100F-2, 100G-2, 100H-2, 100I-2, 100J-2, 100K-2, 100L-2, 100M-2, 100N-2, 100O-2, 100P-2, 100Q-2, 100R-2, 100S-2, 100T-2, 100U-2, 100V-2, 100W-2, 100X-2, 100Y-2, 100Z-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEE TPI FOR THE 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.				
	 Jan 21 2008				
	REF	R215--	23217	TC LL	20.0 PSF
	DATE	01/21/08		TC DL	10.0 PSF
DRW	HCUSR215	08021018	BC DL	10.0 PSF	
HC-ENG	WHK/WHK		BC LL	0.0 PSF	
SEQN-	213104		TOT.LD.	40.0 PSF	
FROM	CDM		DUR.FAC.	1.25	
JREF-	ITE9215_Z02		SPACING	24.0"	

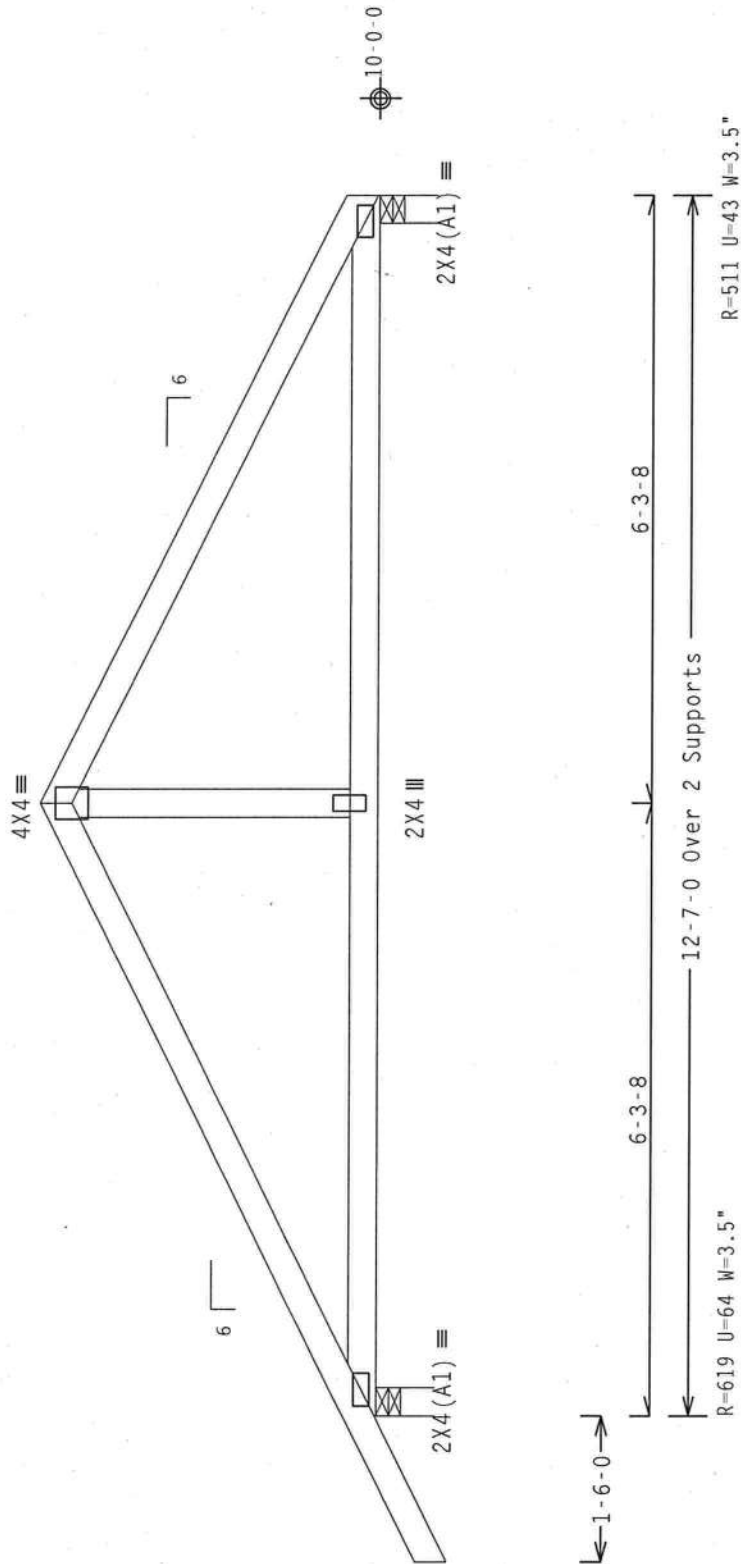
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean ht., 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 3-5-15.



Design Crit: TPI-2002(STD)/FBC

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

QTY: 2

Scale = .5"/Ft.

Scale = .5" / Ft.
REF R215-- 23218

DATE 01/21/08

DRW HCUSR215 08021001

HC-ENG WHK/WHK

SEQN- 212975

FROM CDM

JREF- 1TE9215_Z02

WARNING THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO GESI BUILDING COMPONENTS' LITERATURE FOR THE THOSS PLATE INSTALLATION, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND VESCO, 10000 WILSON AVENUE, SUITE 100, FORT WORTH, TEXAS 76116. THOSS PRACTICES MUST BE FOLLOWED TO PREVENT INJURY. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CECILING.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETACHMENT FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR ANY DAMAGE TO THE TRUSS OR TRUSS COMPONENTS.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) AND TPI. 17U BCG CONNECTOR PLATES ARE MADE OF 2018/16GA. U.S./ASTM A563 GRADE 40/60 U. K/HSS GALV. STEEL - APPLD. 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 ABX# 43 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A518/1/TPI1 1 SEC. 2.



Jan 21 08

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

Haines City, FL 33844
FL Certificate of Authorization #0278

(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A3)

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. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

The overall height of this truss excluding overhang is 3-2-0.

Truss spaced at 24.0" OC designed to support 2-0-0 top chord outlookers. Cladding load shall not exceed 0.00 PSF. Top chord must not be cut or notched.

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

4x4 ≡

6

6

2x4(D1) ≡

6-3-8

12-7-0 Over Continuous Support

6-3-8

R=127 PLF U=45 PLF W=12-7-0

0-0-4

10-0-0

2x4(D1) ≡

6-3-8

12-7-0 Over Continuous Support

6-3-8

R=127 PLF U=45 PLF W=12-7-0

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 =.5"/Ft.

REF R215-- 23219

DATE 01/21/08

DRW HCUSR215 08021002

HC-ENG WHK/WHK

SEQN- 212972

FROM CDM

JREF- 1TE9215_Z02

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING SEE ABOVE

STATE OF FLORIDA

PROFESSIONAL ENGINEER

SEAL

EXPIRATION DATE 12/31/12

NAME F. COLLINS JR.

NO. 52112

Jan 21 08

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0 278

ALPINE

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)
 Top Chord: 1 Row @12.00" o.c.
 Bot Chord: 2 Rows @ 6.00" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.

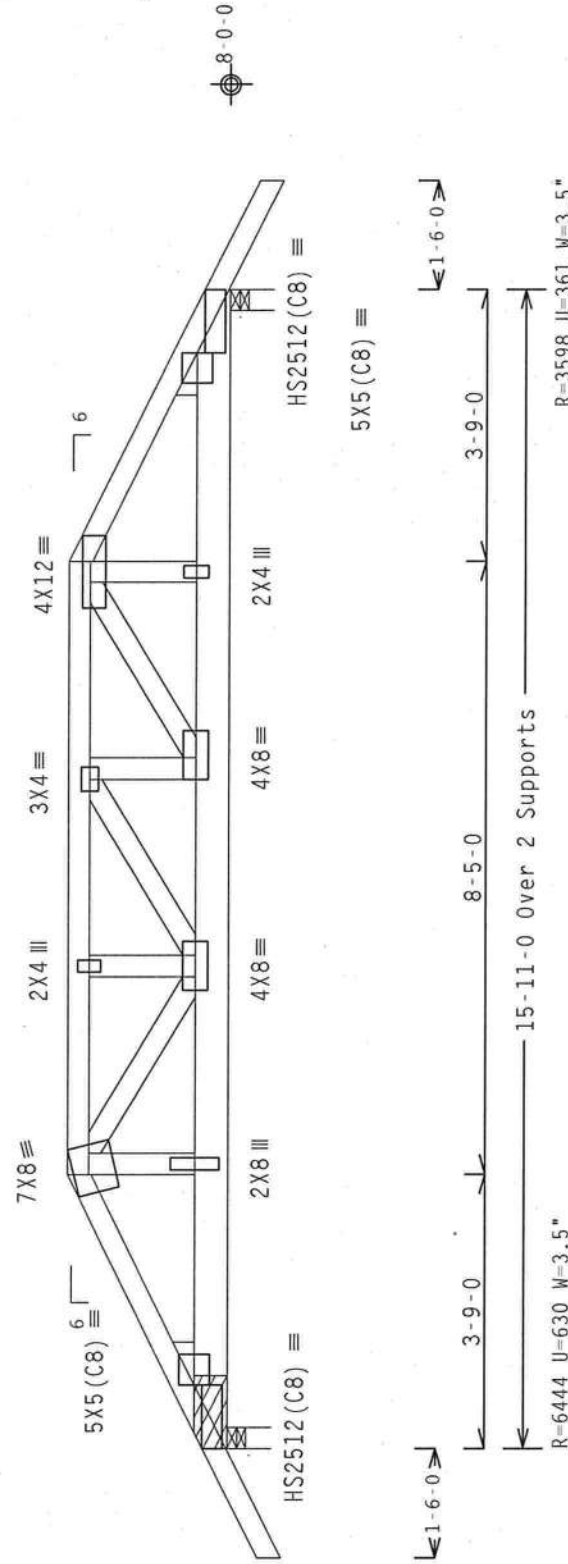
Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

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

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

Wind reactions based on MWFRS pressures.

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

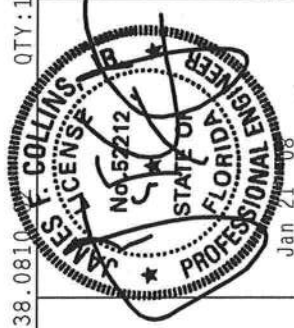


PLT TYP. 20 Gauge HS.Wave
Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)

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

QTY:1 FL/-/5/-/-/R/-
Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R215--	23220
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021019
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	213194	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	



Jan 21 08

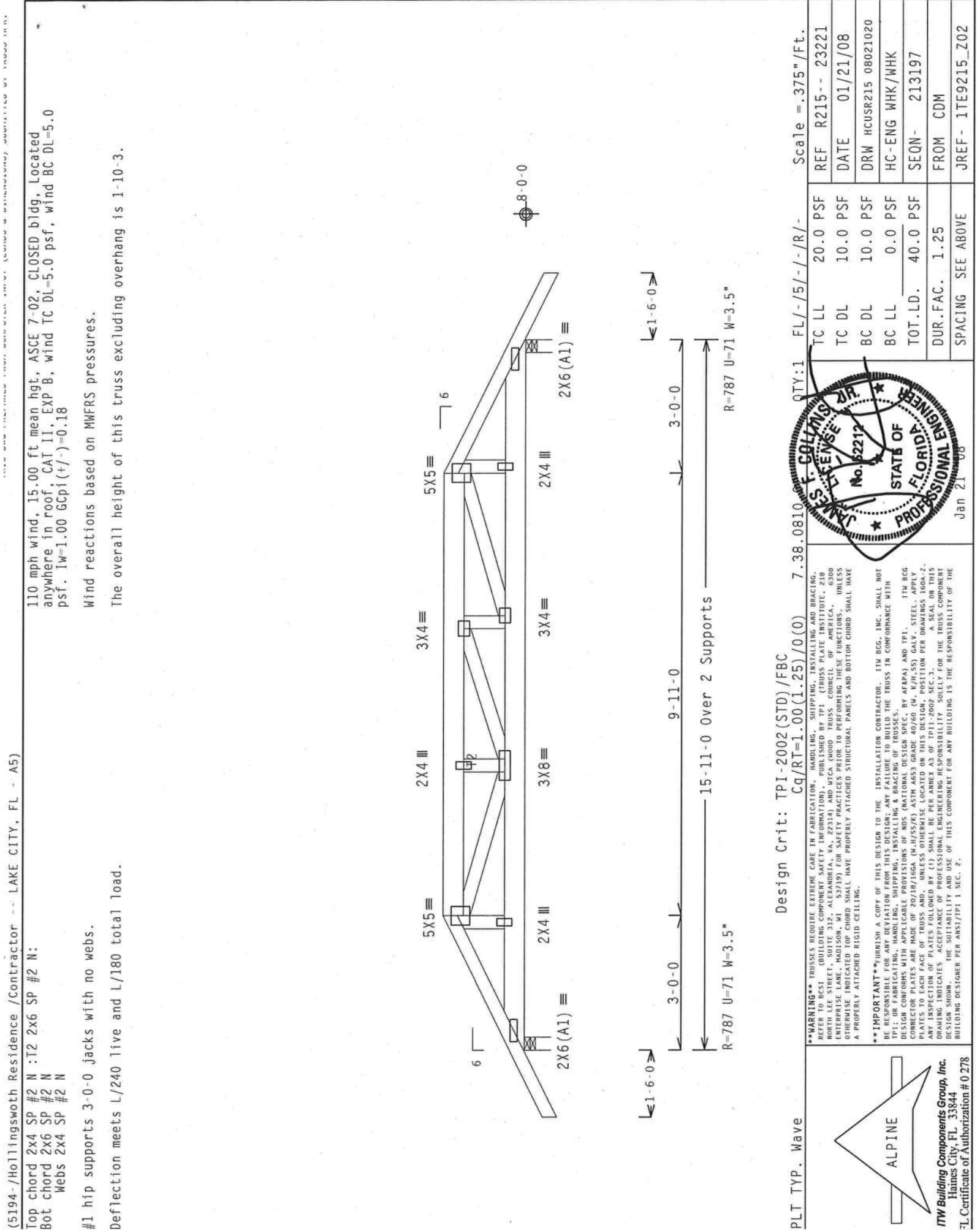
*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES ARE NOT TO BE USED WITHOUT SAFETY INFORMATION. PUBLISHED BY TPI (CRUSS PLATE TRUSSE, 6380 NORTH LANE STREET, NORTH LANE, MOHAWK, NY 12543) OR TPI COUNCILS, AMERICA, ENTERPRISE LANE, MOHAWK, NY 12543. FOR SAFETY PRACTICES, PREFORMING FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

**** IMPORTANT ****TURNISH 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 COMPLIANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING, & BRACING OF TRUSSES.

CONNECTIONS TO BE MADE TO THE TRUSS SHALL BE IN ACCORDANCE WITH THE FOLLOWING: TP1, TP2, TP3, TP4, BCG TRUSS CONNECTIONS, TP5, TP6, TP7, TP8, TP9, TP10, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP40, TP41, TP42, TP43, TP44, TP45, TP46, TP47, TP48, TP49, TP50, TP51, TP52, TP53, TP54, TP55, TP56, TP57, TP58, TP59, TP60, TP61, TP62, TP63, TP64, TP65, TP66, TP67, TP68, TP69, TP70, TP71, TP72, TP73, TP74, TP75, TP76, TP77, TP78, TP79, TP80, TP81, TP82, TP83, TP84, TP85, TP86, TP87, TP88, TP89, TP90, TP91, TP92, TP93, TP94, TP95, TP96, TP97, TP98, TP99, TP100, TP101, TP102, TP103, TP104, TP105, TP106, TP107, TP108, TP109, TP110, TP111, TP112, TP113, TP114, TP115, TP116, TP117, TP118, TP119, TP120, TP121, TP122, TP123, TP124, TP125, TP126, TP127, TP128, TP129, TP130, TP131, TP132, TP133, TP134, TP135, TP136, TP137, TP138, TP139, TP140, TP141, TP142, TP143, 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Haines City, FL 33844
IL Certificate of Authorization # 0 278

FL Certificate of Authorization # 0 278



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A5)

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

#1 hip supports 3-0-0 jacks with no webs.

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

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 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

The overall height of this truss excluding overhang is 1-10-3.

Design Crit: TPI-2002(STD)/FBC

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

PLT TYP. Wave

Scale =.375"/Ft.

REF	R215--	23221
DATE	01/21/08	
DRW	HCUSR215	08021020
HC-ENG	WHK/WHK	
SEQN	213197	
FROM	CDM	
JREF	1TE9215_Z02	

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

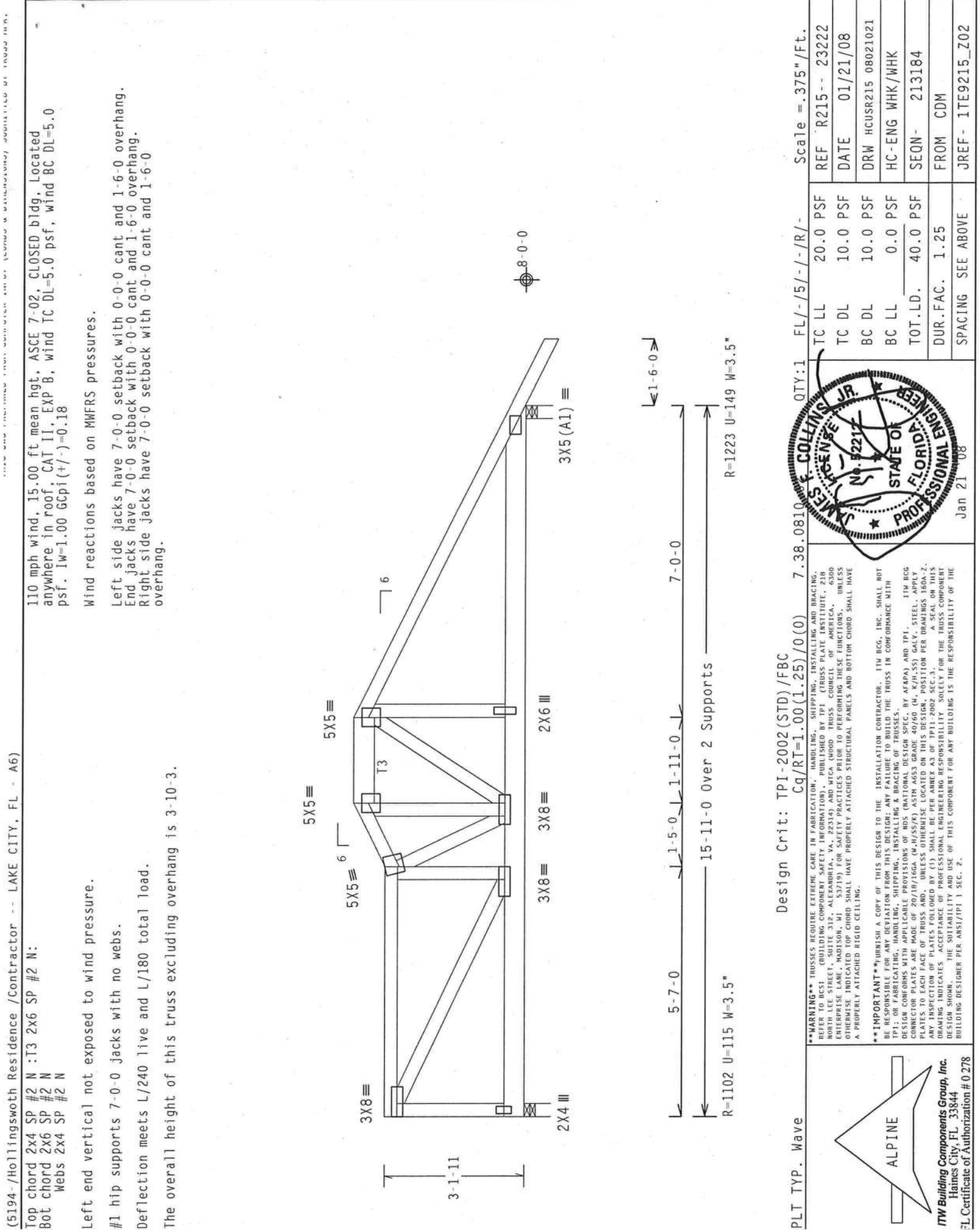
DUR.FAC. 1.25

SPACING SEE ABOVE

Jan 21 08

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

FL Certificate of Authorization # 0 278



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A6)

Top chord 2x4 SP #2 N : T3 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

Left end vertical not exposed to wind pressure.
#1 hip supports 7'-0-0 jacks with no webs.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 3'-10-3.

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

Wind reactions based on MWFRS pressures.

Left side jacks have 7'-0-0 setback with 0'-0-0 cant and 1'-6-0 overhang.

End jacks have 7'-0-0 setback with 0'-0-0 cant and 1'-6-0 overhang.

Right side jacks have 7'-0-0 setback with 0'-0-0 cant and 1'-6-0 overhang.

Scale = .375" / Ft.

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

REF R215 - - 23222

DATE 01/21/08

DRW HCUSR215 08021021

HC-ENG WHK / WHK

SEQN - 213184

FROM CDM

JREF - 1TE9215_Z02

PLT TYP. Wave

Design Crit: TPI-2002 (STD) / FBC

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

7.38.0810

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7.38.0810

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

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

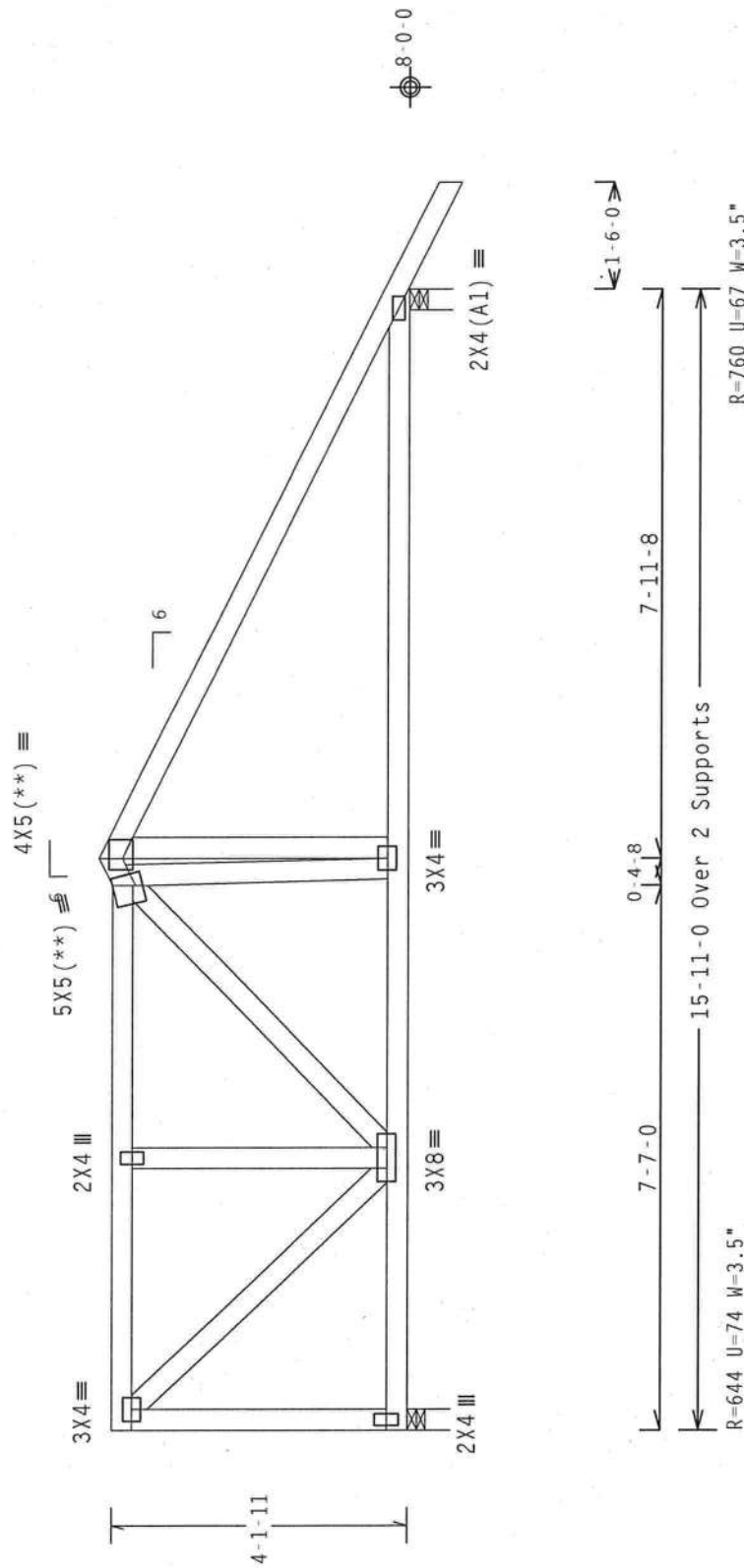
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP-B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 4-3-15.



Design Crit: TPI-2002(STD)/FBC

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

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

Scale = .375"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AIA (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 CELLS.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR TRU BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-0 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTOR PLATES ARE MADE OF 20/18/16GA OR 20/25/18 GA ASTM A575 GRADE 40/60 IN .KIN SIZE GALV STEEL PER REG PLATES TO EACH FACE OF TRUSS AND , UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER AMEX A-3 OF TPI-2009 SEC.2.

DESIGNER'S PROFESSIONAL ENGINEERING RESPONSIBILITY IS SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND ADOPTION OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ASSN/TPI 1 SEC.2.



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

Haines City, FL 33844

Haines City, FL 33844

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

Nailing Schedule: (0.131" x 3" Gun nails)
 Top Chord: 1 Row @ 12.00" o.c.

Top Chord: 4 Rows @ 6.00" o.c. (Each Row)
Bot Chord: 2 Rows @ 6.00" o.c. (Each Row)

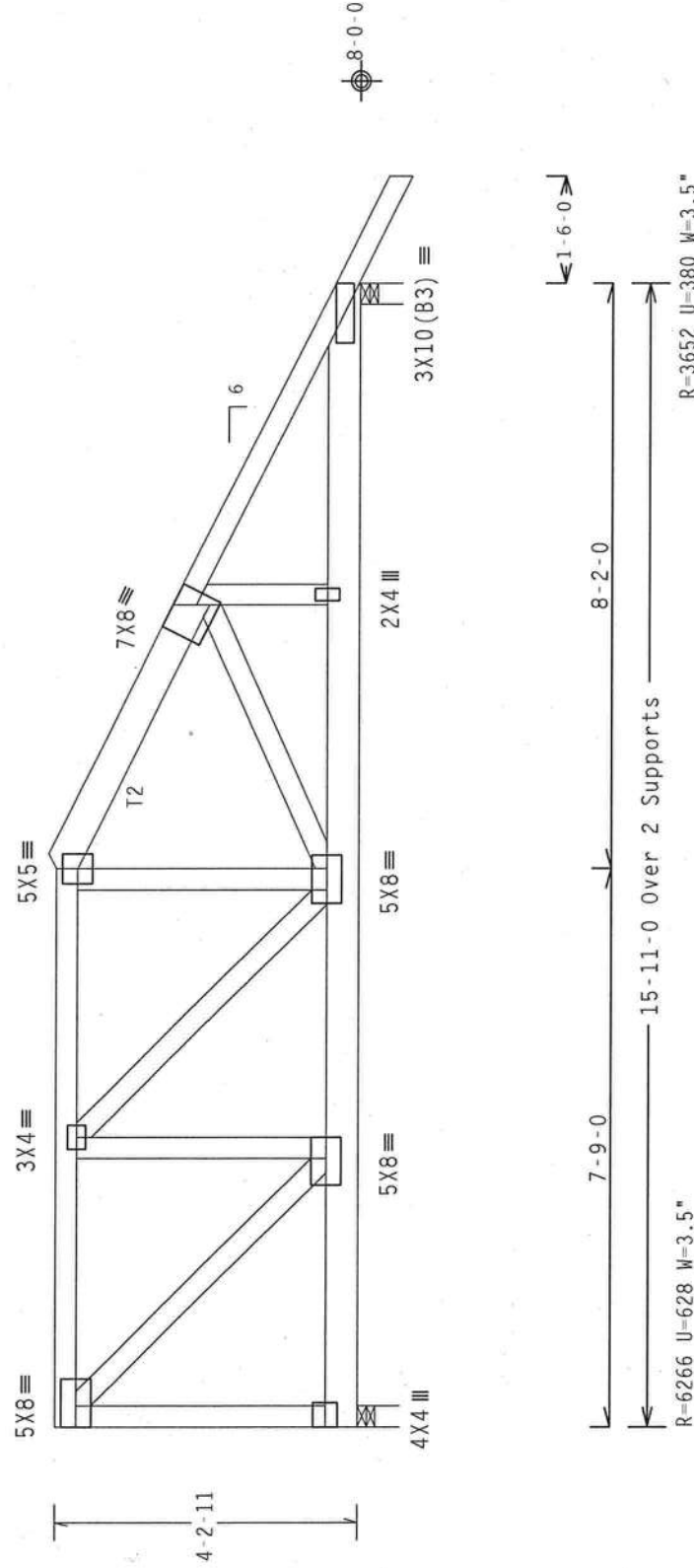
Webs : 1 Row @ 4" o.c.

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

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

The overall height of this truss excluding overhang is 4-3-15.



Design Crit: TPI-2002(STD)/FBC

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

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

Scale = 375"/Ft

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION FOR STEEL PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VICKI TRUSS, CHICAGO, ILLINOIS, 1401 WEST 31ST, SUITE 100, CHICAGO, ILLINOIS 60648. TRUSS COMPANY, 100 ENTERPRISE LANE, SUITE 312, ALEXANDRIA, VA 22319. 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 BEAMING.

[illegible]

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)

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

Bot Chord: 1 Row @ 4.00" o.c.

Webs : 1 Row @ 4" o.c.

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

Bearing blocks: Nail type: 0.131"x3" Gun nails

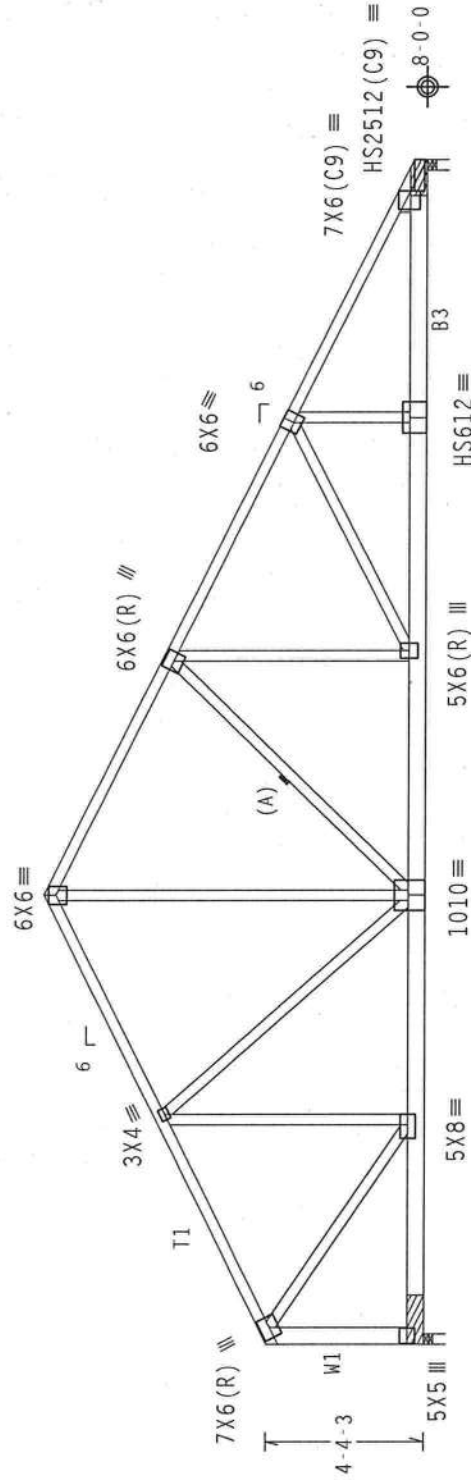
BRG	X-LOC	#BLOCKS	LENGTH	#NAILS/BLK	WALL PLATE
1	0.000'	1	16"	20	Rigid Surface
2	32.292'	1	12"	4	Rigid Surface

Bearing block to be same size and species as bottom chord.
Refer to drawing CNRGBLK0207 for additional information.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



R=8348 II=1027 W=3 5"

R=7044 U=807 W=3.5"

20-3-8

12-3-8

32-7-0 Over 2 Supports

Design Crit: TPI-2002(STD)/FBC

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

Scale = 1875" / Ft

QTY:1 FL1-151-1-1R1-

7.38-0810

Scale = 1875" / Ft

WARNING: PROCESSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BEETHAM® (FOR SAFETY INFORMATION), PUBLISHED BY TPI CROSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 202, WILMINGTON, MA 01897 AND TPI CROSS PLATE INSTITUTE OF AMERICA, 600 E. WILSON AVENUE, SUITE 100, WILMINGTON, DE 19801. FOR SAFETY PRACTICES PLEASE REFER TO PERMITS AND LOCAL ORDINANCES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACING.

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 ITW BCG, INC. SPECIFICATIONS WITH REGARD TO FABRICATING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTOR PLATES MUST BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING PROVISIONS OF AISC (NATIONAL DESIGN SPEC. FOR STEEL) AND TPI:

1. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE SPECIFIED, SHALL BE 1/4" (MIN) GALV. STEEL, APPLY 1/4" MIN. WELD TO EACH FACE OF TRUSS.

2. ALL TRUSS CONNECTIONS SHALL BE DESIGNED FOR A LOAD PER LINEAL FOOT PER TRUSS OF 1000 LBS PER LINEAL FOOT.

3. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3.

4. DRIVING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN, SOLELY FOR THE TRUSS COMPONENT BEING SHOWN.

5. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.



Jan 21 08

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

James 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					

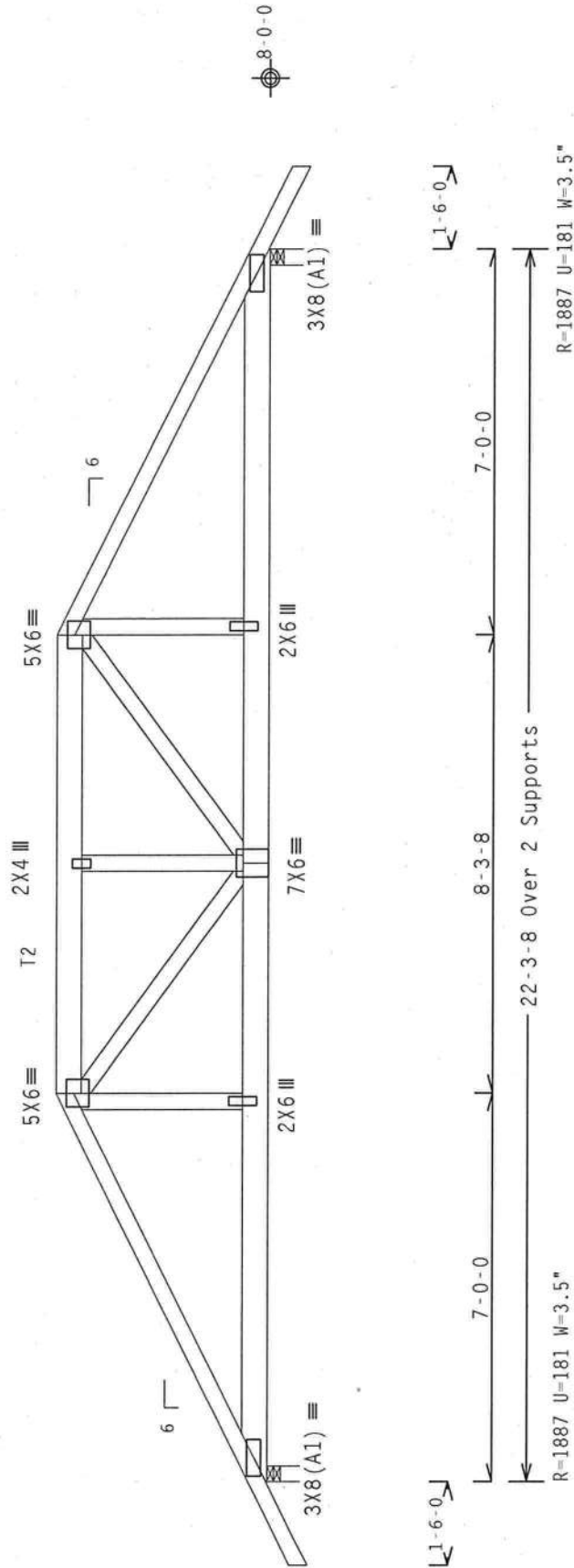
110 mph wind, 15.00 ft mean htg, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpf (+/-)=0.18

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

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 3-10-3.



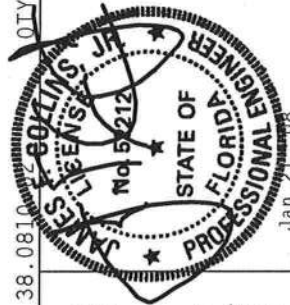
Design Crit: TPI-2002(STD)/FBC

Scale = 3125" / Ft.
FL / - / 5 / - / - / R / -
QTY: 1

PLT TYP. Wave

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. PUBLISHED BY THE CRUSS PLATE INSTITUTE, 6900 NORTH LEE STREET, SUITE 312, FORT WORTH, TEXAS 76116-8000.
ENTERPRISE LABEL: MOH150W, M1, 527197. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, VISIT OUR WEBSITE AT WWW.CRUPRODUCTS.COM
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELL.

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN CONFORMS WITH THE ABOVE SPECIFICATIONS. THE DESIGN SPEC. BY AF&PO AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA/AL/AS/PS (WITH A MIN. YIELD STRENGTH OF 48,000 PSI) STEEL. ALL PLATES TO EACH FACE OF TRUSS AND OTHERS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BEING SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AS/PT/1 SEC. 2.



TC LL	20.0	PSF	REF	R215 - -	23226
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021058
BC LL	0.0	PSF	HC-ENG	WHK /WHK	
TOT.LD.	40.0	PSF	SEQN -	212979	
DUR.FAC.	1.25		FROM	CDM	
SPACING	SEE ABOVE		JREF -	1TE9215_Z02	

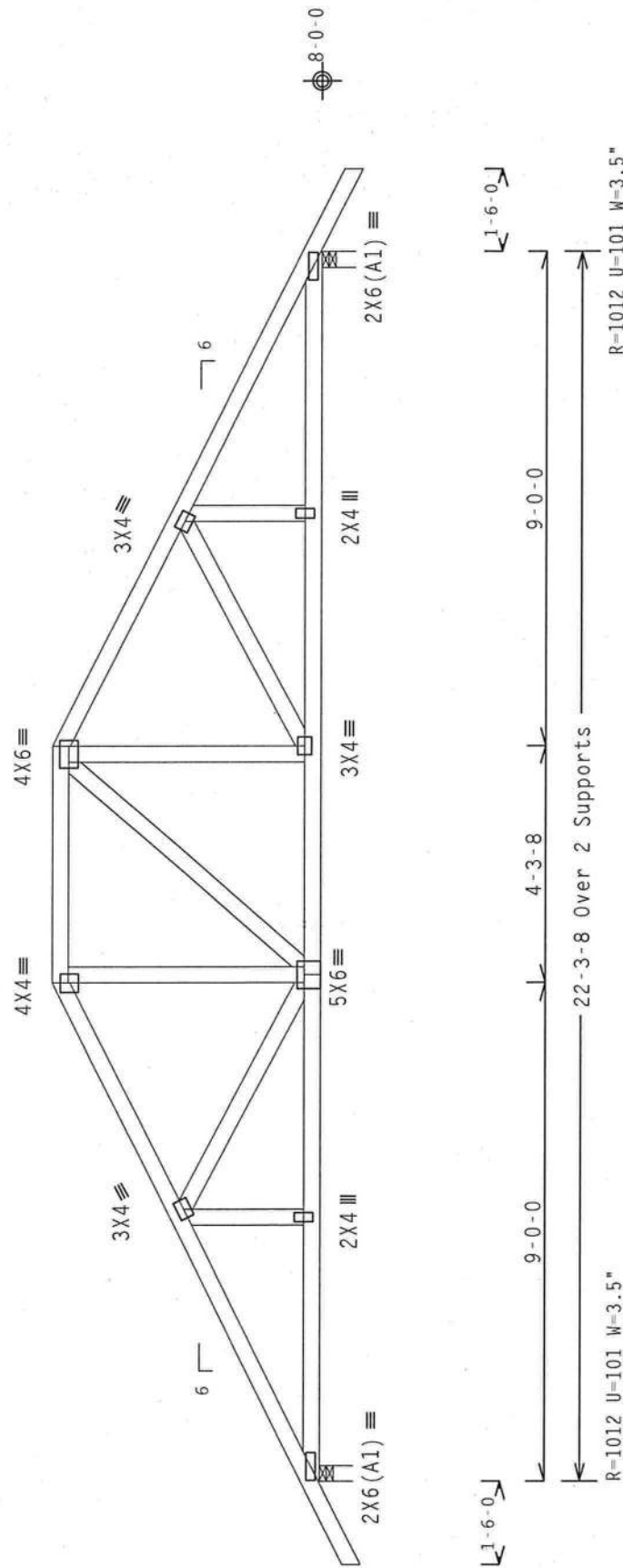
Top	chord	2x4	SP	#2	N
30t	chord	2x4	SP	#2	N
	Webs	2x4	SP	#2	N

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 GCp(+/-)=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 4-10-3.



Design Crit: TPI-2002(STD)/FBC

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

Scale = .3125" / Ft.

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

0810.0311

7.

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

Design of ILU:

PLT TYP. Wave

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (CHUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (WOOD TRUSS COUNCIL OF AMERICA, 6200 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.

TC LL	20.0 PSF	REF	R215 - - 23227
TC DL	10.0 PSF	DATE	01/21/08

JAMES F. COLLINS, JR.
LICENSE

BRACING.
DATE, 218
6300
UNLESS
SHALL HAVE

ON. HANDLING, SHIPPING, INSTALLING AND
(). PUBLISHED BY TPI (TRUSS PLATE INSTITU
D WTCA (WOOD TRUSS COUNCIL OF AMERICA
ICES PRIOR TO PERFORMING THESE FUNCTIONS.
CHED STRUCTURAL PANELS AND BOTTOM CHORD S

EXTREME CARE IN FABRICATING COMPONENT SAFETY INFORMATION. ALEXANDRIA, VA, 22314) AND 53719) FOR SAFETY PRACTICES AND SHALL HAVE PROPERLY ATTACHED LABELING.

****WARNING** TRUSSES REQUIRED**
REFER TO BCS1 (BUILDING CODE)
NORTH LEE STREET, SUITE 312,
ENTERPRISE LANE, MADISON, WI
OTHERWISE INDICATED TOP CHORDS
A PROPERTY 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-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPROVED (N) / MODS (M) NATIONAL DESIGN SPEC. (BY AISC) AND TPI-1.

CONNECTION PLATES ARE MADE OF 20/18/16GA. (N) / MODS (M) ASTM A663 GRADE 40/46 (N. K/2H-S5) GALV. STEEL. APPLY

ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE THE RESPONSIBILITY OF THE DESIGNER FOR THE TRUSS COMPONENT

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

THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.

BC DL	10.0 PSF	DRW	HCUSR215	08021003
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	212983	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	DEE-	1FE0015	702

SHALL NOT
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1TH BCG
L. APPLY
GGS 160A-2.
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COMPONENT
TY OF THE

INSTALLATION CONTRACTOR: ITW BCG, INC., FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH DESIGN SPEC.

TRUSSING OF TRUSSES,

BRACING DESIGN SPEC. BY AFAPA) AND TPI.

M A053 GRADE 40/60 (N, K/H/SS) GALV. STEEL GATED ON THIS DESIGN, POSITION PER DRAWING ANNEX A3 OF TP1-2002 SEC.3.

A SEA

RESPONSIBILITY SOLELY FOR THE TRUSS

NENT FOR ANY BUILDING IS THE RESPONSIBILITY

COPY OF THIS DESIGN TO THE
ATION FROM THIS DESIGN; ANY
G, SHIPPING, INSTALLING &
ABLE PROVISIONS OF NDS (NAT
20/18/16GA (W.N/SS/K) AS
& AND, UNLESS OTHERWISE LO
LOWED BY (1) SHALL BE PER
E OF PROFESSIONAL ENGINEER
LITY AND USE OF THIS COMPO
1 1 SEC. 2.

**** IMPORTANT ****FURNISH A COMPANY THAT WILL BE RESPONSIBLE FOR ANY DEFECTS IN THE TPI OR FABRICATING, HANDLING, OR INSTALLATION. DESIGN CONFORMS WITH APPLICABLE CODES. CONNECTOR PLATES ARE MADE OF STEEL. PLATES TO EACH FACE OF TRUSSES. FOLLOW UP ANY INSPECTION OF PLATES FOR DEFECTS. DRAWING INDICATES ACCEPTABLE DESIGN. THE SUITABLE BUILDING DESIGNER PER ANSI/708.



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

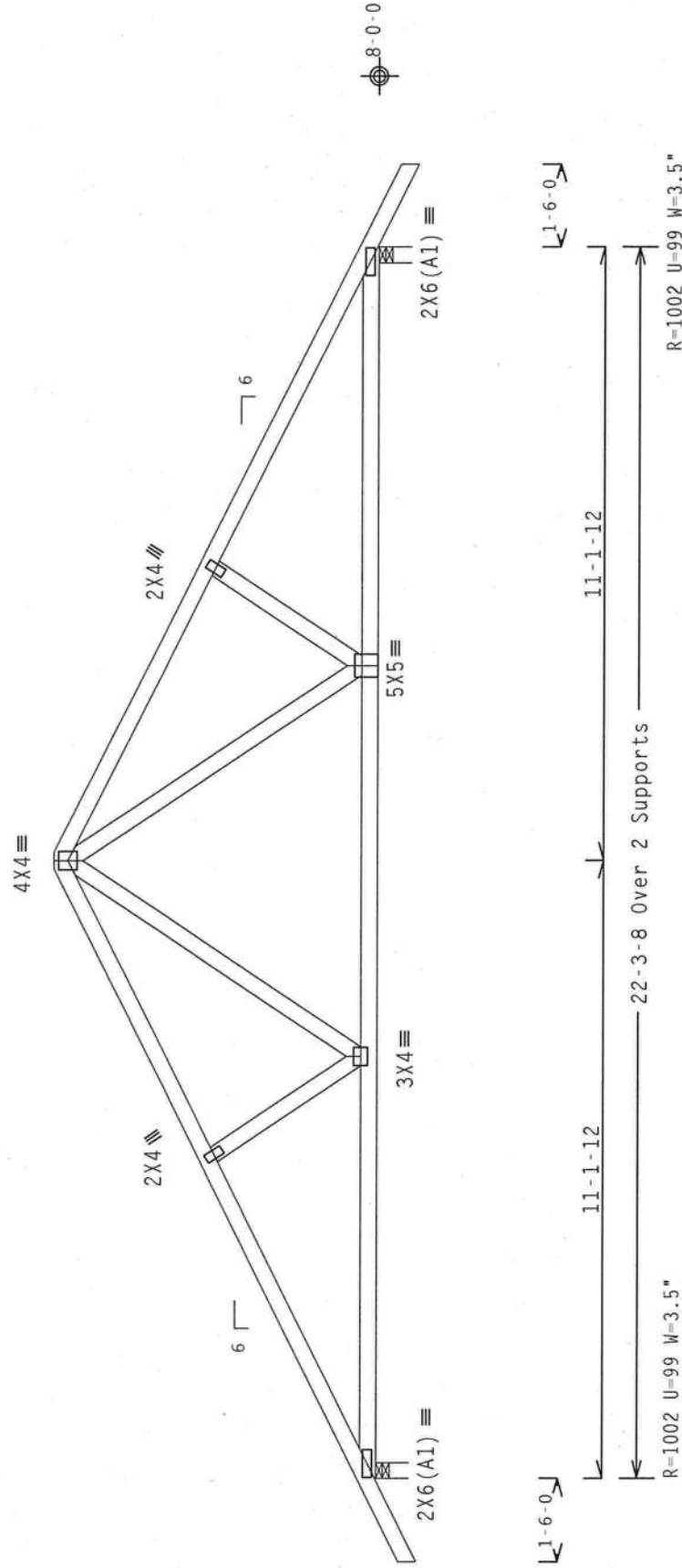
	Top	Bot	Web	SP	#2	N
chord	2x4	2x4	2x4	SP	#2	N
chord	2x4	2x4	2x4	SP	#2	N
webs	2x4	2x4	2x4	SP	#2	N

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

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 5-10-3.



Design Crit: TPI-2002(STD)/FBC

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

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

Scale = .3125" / Ft.

WARNING: TROSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY PRACTICES FOR TROSSES. (CROSS PLATE INSTITUTE, 4500 NORTH LEE STREET, SUITE 212, ALEXANDRIA, VA 22314) AND VICA TROSSES (CROSS PLATE INSTITUTE, 4500 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGNER'S NATIONAL DESIGN SPEC. BY AF&PD AND TPT. ITW BCG
STANDARD CONNECTIONS (NATIONAL DESIGN SPEC. BY AF&PD) AND TPT.
CONNECTION PLATES ARE MADE OF 7010/12600 ALUMINUM PER DRAWINGS PAGE 2.
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIONED PER DRAWINGS PAGE 2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPT-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/TPI 1 SEC. 2.



lar

Top	chord	2x6	SP	SS
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

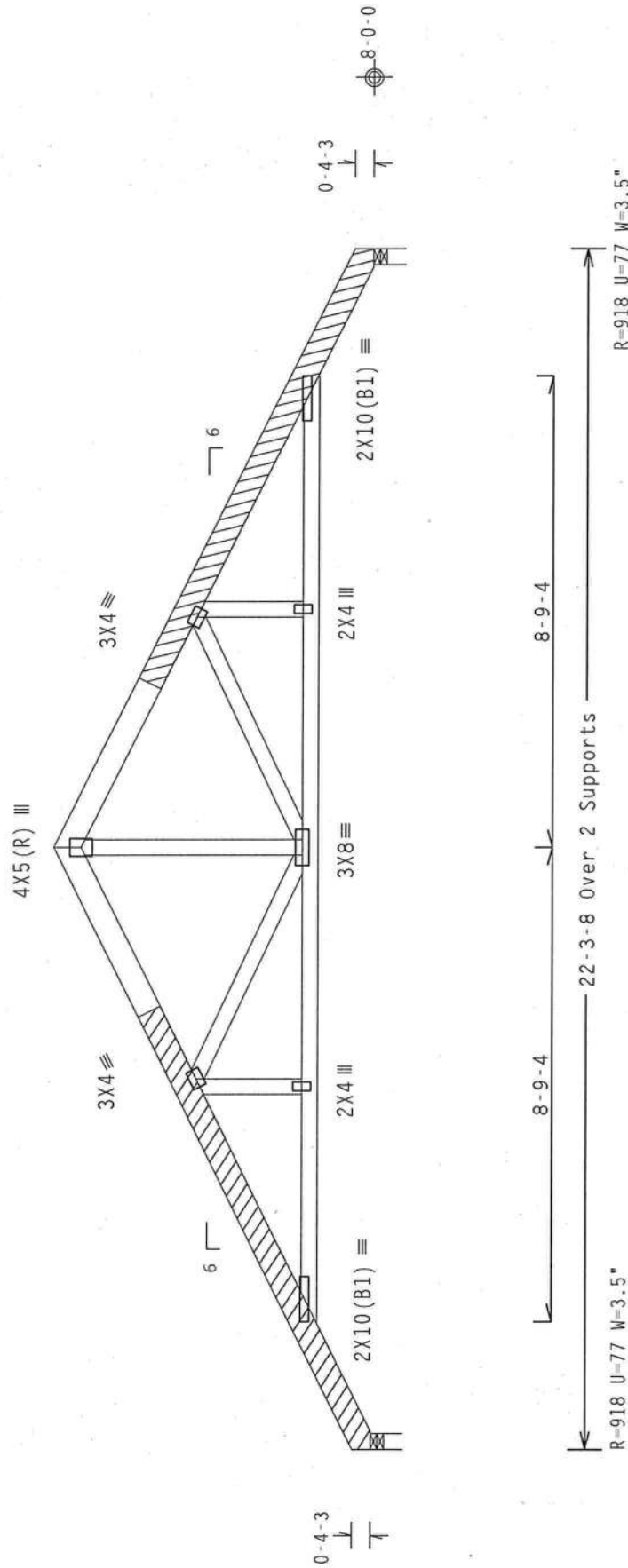
Calculated horizontal deflection is 0.17" due to live load and 0.17" due to dead load.

(1) 2x6x9-1-3 Sp SS scab at each end. Attach scab to face of chord with: 0.131"x3" Gun nails @ 8" OC, plus additional nail clusters at: BRG.: (4), heel: (5), 1st panel point: (2).

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 5-11-1.

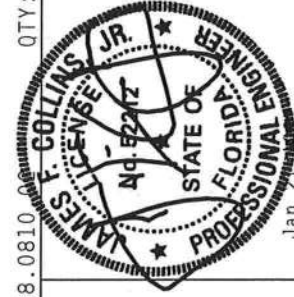
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)

OTY:1 FL/-/5/-/-/R/- Scale = .3125"/Ft.

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES ARE NOT TO BE EXPOSED TO MOISTURE, POLYMERIZATION, OR EXCESSIVE HEAT. (CROSS PLATE INSTALLED 2500 LBS. MAXIMUM WEIGHT).
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304
ENTERISE LINE, HUDSON, MI 48329
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 FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSSES. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AISC DESIGN GUIDE 1 AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/166GA W/252PT/ASTM A653 GRADE 40/60 W/ K10/55 GALV. STEEL. APPLICABLE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 1600-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI1-2002 SEC.3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ANNEX 1/1 SEC. 2.



TC LL	20.0	PSF	REF	R215--	23230
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021045
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	212997	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	

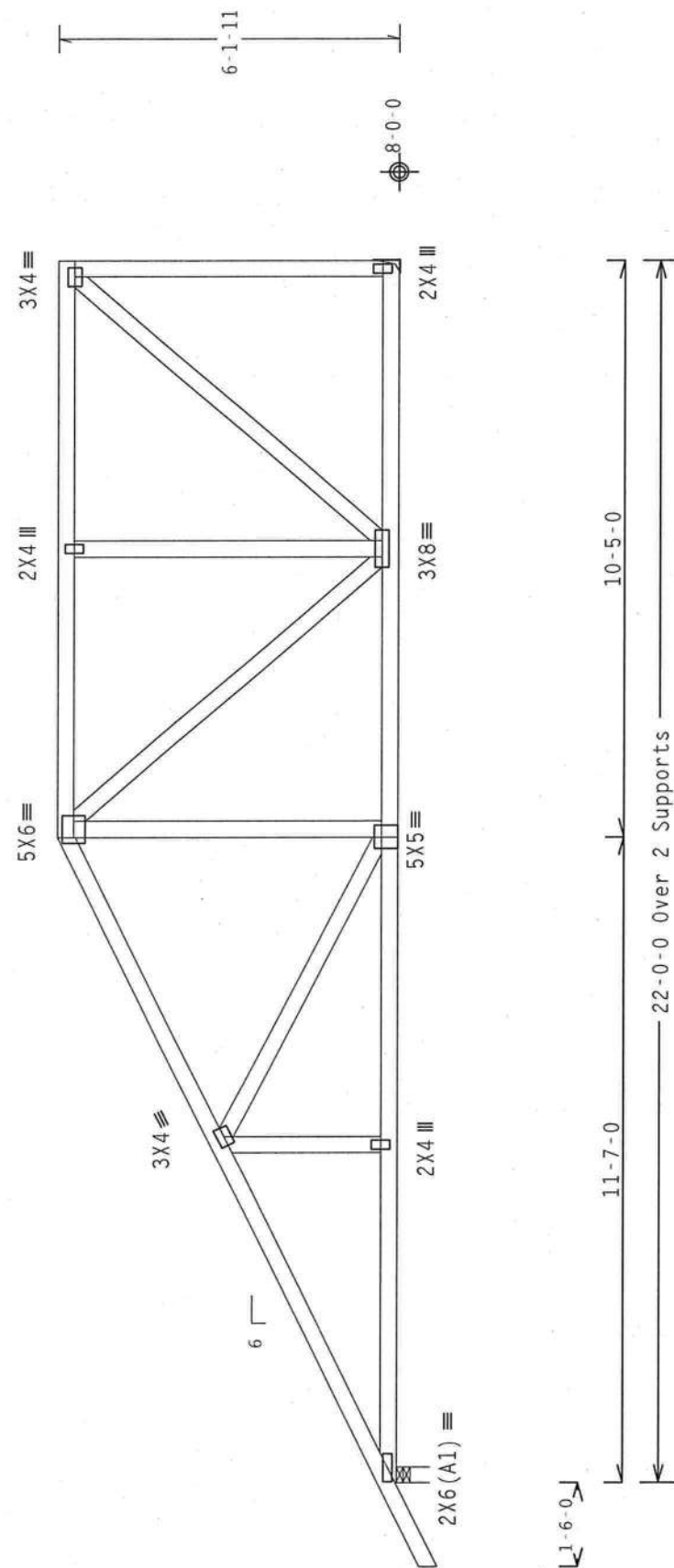
Top	chord	2x4	SP	#2	N
3ot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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

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

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

The overall height of this truss excluding overhang is 6-1-11.



R=1009 U=84 W=3.5"

R-896 U-107 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" na
w/ (6) 16d, 0.162"x2.5" na
Girder is (2)2X6 min So.P

Design Crit: TPI-2002(STD)/FBC

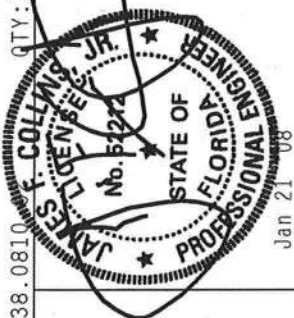
QTY: 1 FL / - / 5 / - / - / R / - Scale = .3125" / Ft.

0810

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

PLT TYP. Wave

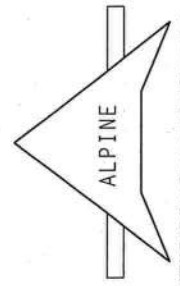
TC LL	20.0	PSF	REF	R215--	23232
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021047
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	213009	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	



Jan 21 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, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) FOR TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR TRUSS 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 BRACING.

****IMPORTANT****-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DESIGNING OR CALCULATING TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. ON PARTICIPATING HANDLING, SHIPPING AND STORAGE OF MATERIALS TO THE PROJECT SITE. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20X18/16GA (MIL/S282) ALUMINUM GRADE 4090 (M, K/H-S5) GALV. STEEL, ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TPI 1 SEC. 2.



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

IL Certificate of Authorization # 0 278

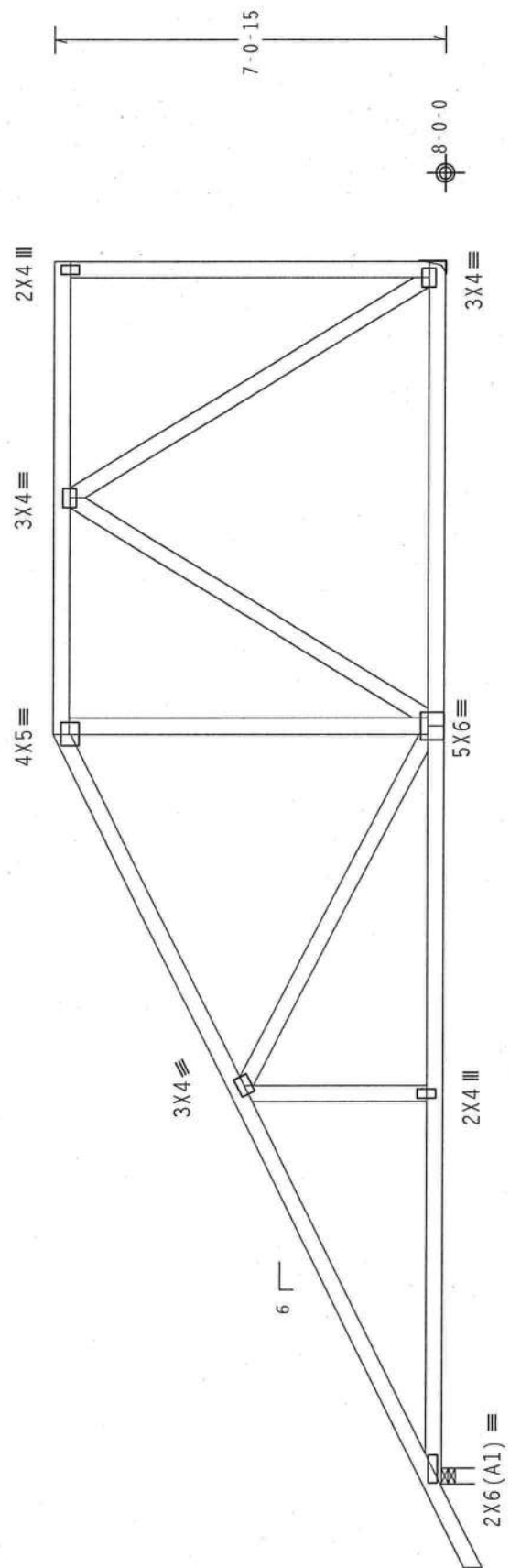
Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

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. Iw=1.00 GCpi(+/-)=0.18

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

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

The overall height of this truss excluding overhang is 7-0-15.



R=1009 U=77 W=3.5"

R-896 U=112 H=Simpson LU26
w/ (4) 10d, 0.14"x1.5" nails in Truss
w/ (6) 16d, 0.16"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING INFORMATION, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 WILSON AVENUE, PITTSBURGH, PENNSYLVANIA 15222, OR THE NATIONAL WOOD ROOFING COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48219. FOR SAFETY PRACTICES, PLEASE REFER TO THE FOLLOWING INFORMATION. IF TRUSSES 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 DAMAGE OR LOSS FROM THIS DESIGN; ANY FAILURE TO FOLLOW IN CONFORMANCE WITH THE DESIGN INFORMATION PROVIDED HEREON IS AT THE USER'S SOLE RISK.

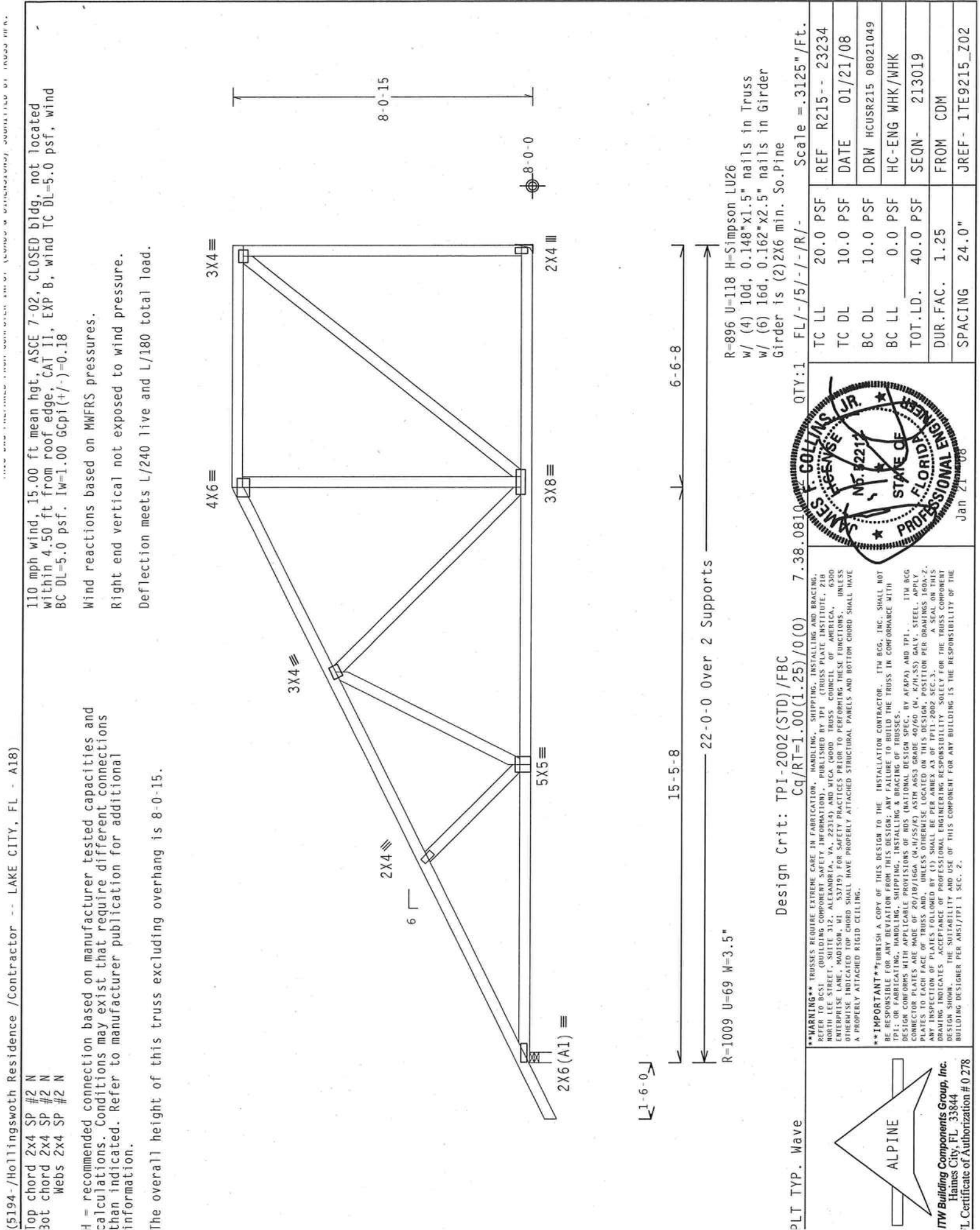
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY TRUSS) AND TPI-1 WITH BCG CONNECTOR PLATES ARE MADE OF 20X18/16GA. QM/252KPSI ASTM A653 GRADE 40/60 (A, K/H/SJ) GALV., STEEL. ALL PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS I60A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBX AS 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 AMBX/TPI-1 SEC. 2.



TC LL	20.0	PSF	REF	R215--	23233
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021048
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	213014	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	

ALPINE

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



(5194- /Hollingsworth Residence /Contractor -- LAKE CITY, FL - A18)

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

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

The overall height of this truss excluding overhang is 8-0-15.

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

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.

R=896 U=118 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

PLT TYP. Wave

1-6-0-1
15-5-8
6-6-8
22-0-0 Over 2 Supports
R=1009 U=69 W=3.5"

1-6-0-1
15-5-8
6-6-8
22-0-0 Over 2 Supports
R=1009 U=69 W=3.5"

1-6-0-1
15-5-8
6-6-8
22-0-0 Over 2 Supports
R=1009 U=69 W=3.5"

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

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

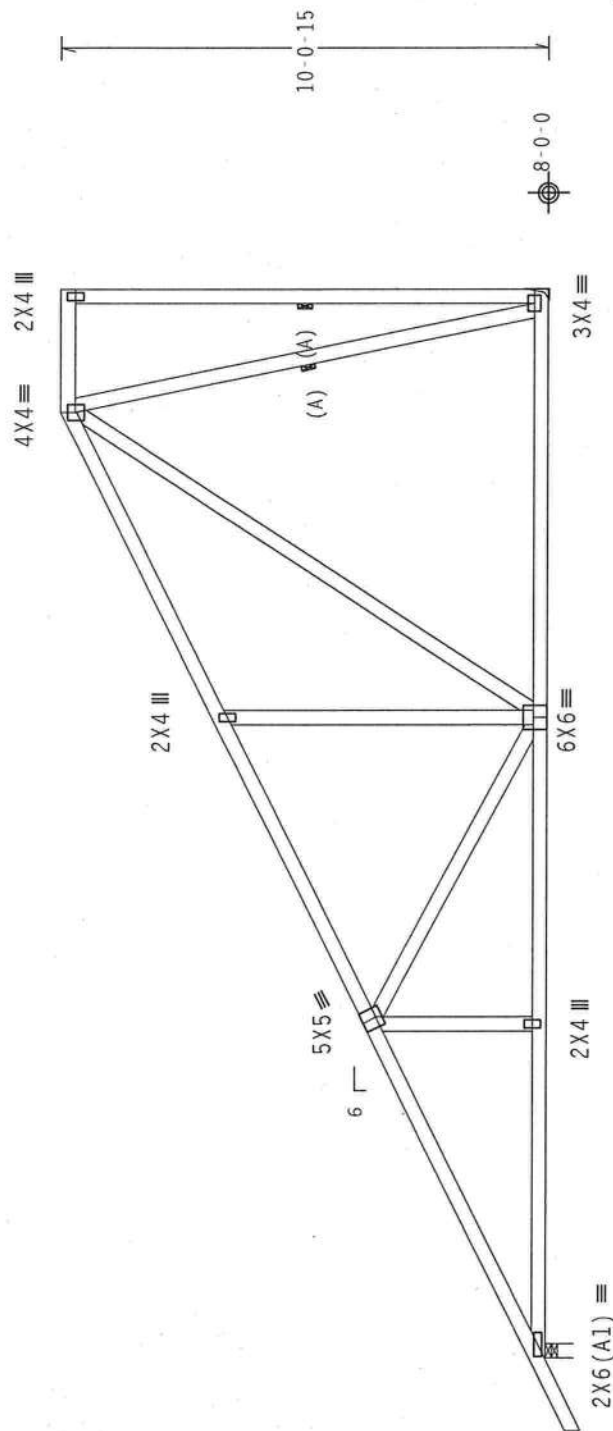
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 10-0-15.



[1-6-0]

19-5-8

22-0-0 Over 2 Supports

R=1009 H=49 W=3.5"

R-896 U=133 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

Scale = .25"/Ft.

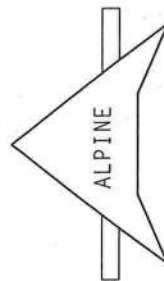
QTY:1 FL/-/5/-/-/R/-

0810.02

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

PLT TYP. Wave

WARNING: THUSSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIGN BUILDING COMPONENT SAFETY INFORMATION, HANDLING BY TPI CRUISES PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WOOD THUSS 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.

[illegible]

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

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

TC LL	20.0 PSF	REF	R215--	23236
TC DL	10.0 PSF	DATE	01/21/08	
BC DL	10.0 PSF	DRW	HCUSR215	08021051
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	213029	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE9215_Z02	

Top	chord	2x4	SP	#2	N
3ot	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

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

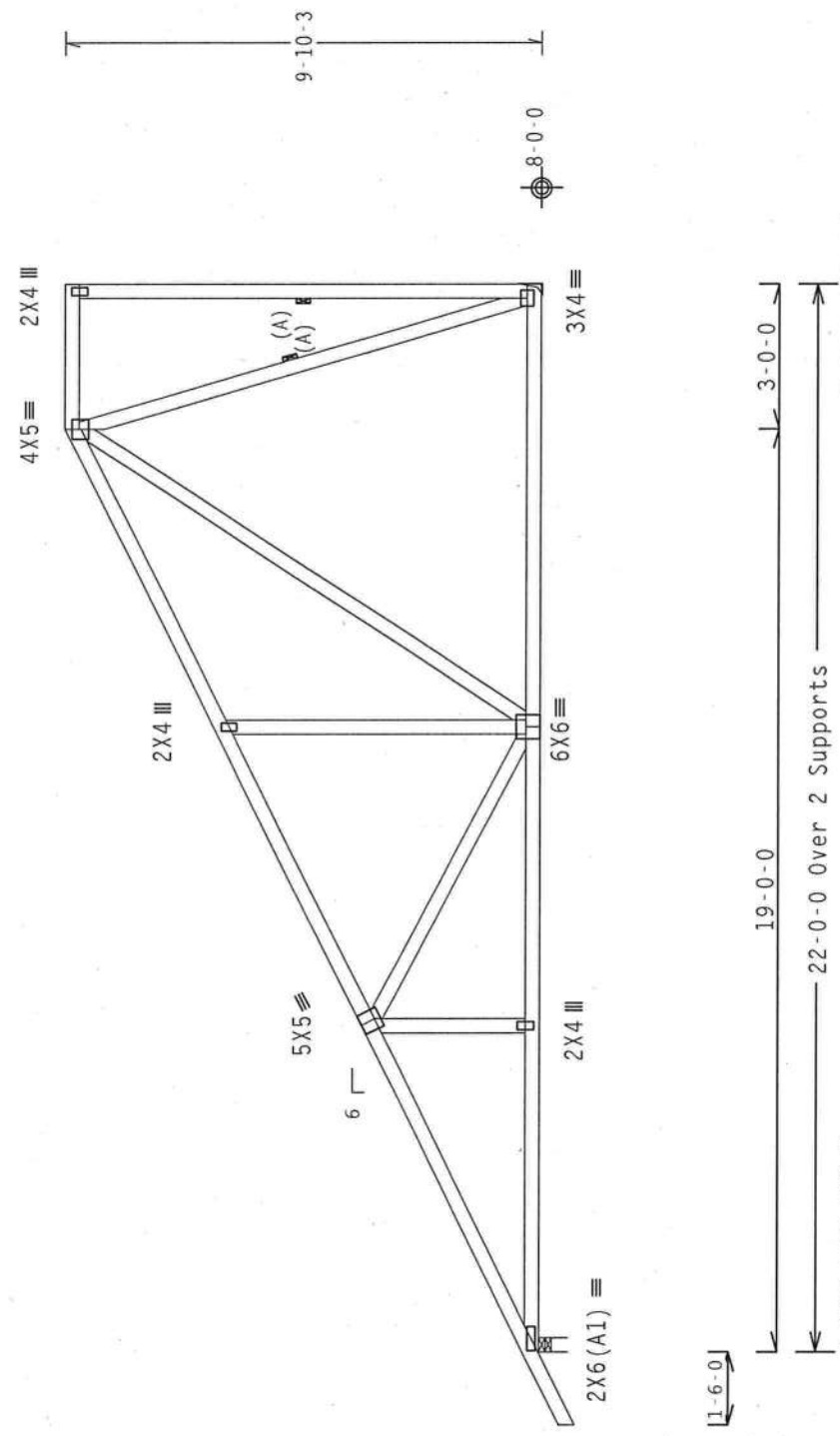
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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 9-10-3.



R=1009 U=52 W=3.5"

R-896 U-131 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

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

TC LL	20.0	PSF	REF	R215--	23237
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021052
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEON-	213034	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	

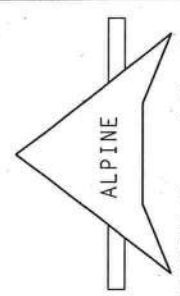


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CRUISS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 OR TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE 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.

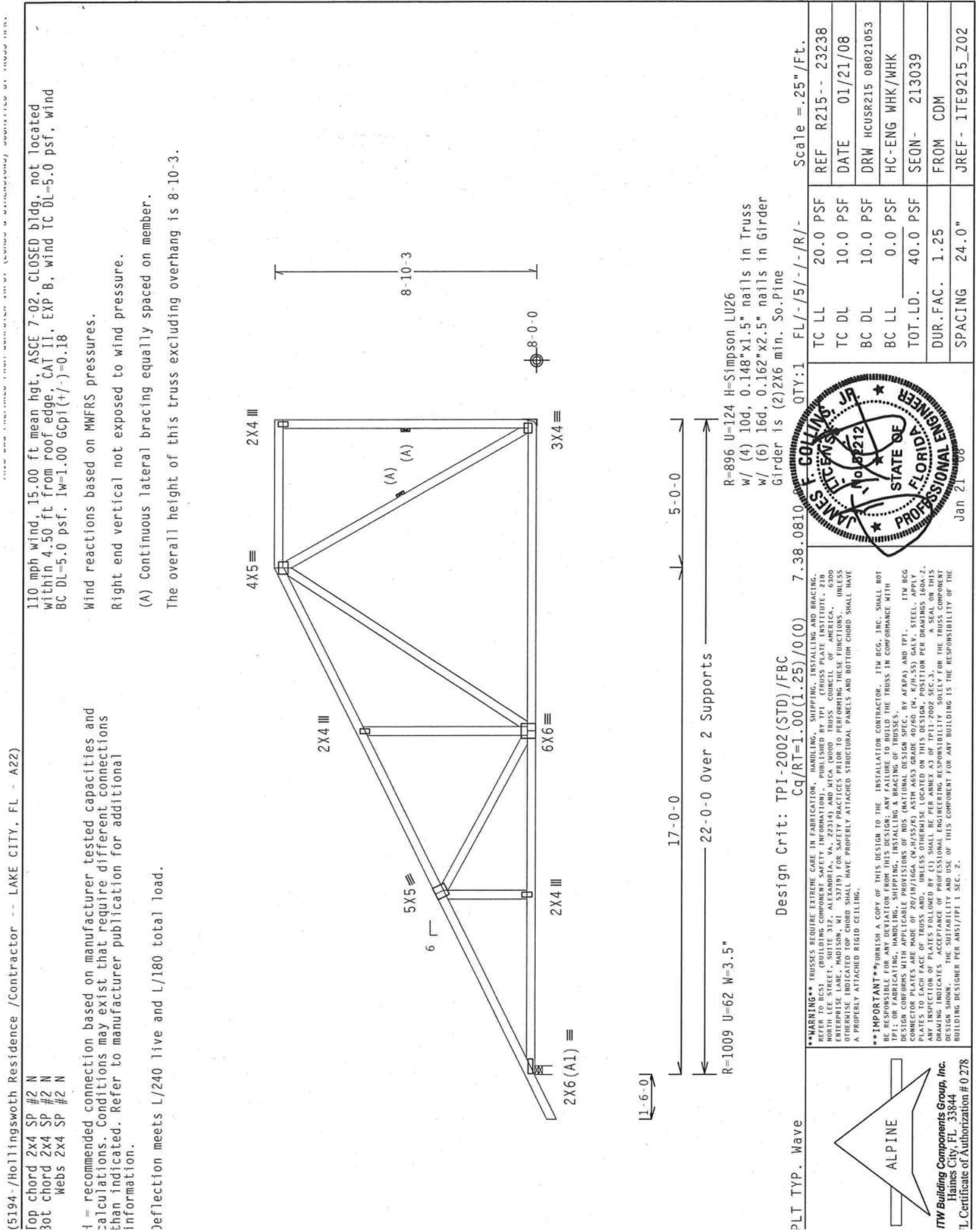
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITU BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE TROSS IN CONFORMANCE WITH THE FOLLOWING:

DESIGN OR FABRICATING HANDLING, SHIPPING, UNLOADING, INSTALLING, OR BRACING OF TRUSSES.

THESE COMPONENTS ARE DESIGNED TO MEET THE PROVISIONS OF NOS (NATIONAL DESIGN SPEC., BY AFPA) AND TPI.
TPI BEG CONNECTOR PLATES HAVE MADE OF 2070/16GA. UNLESS OTHERWISE SPECIFIED, POSITION PER DRAWINGS 160A-2.
PLATES TO EACH FACE OF TROSS AND, IF NECESSARY LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX AS OF TPI-2002 SEC.3. A SEAL ON THIS
DESIGN SHALL BE ATTACHED TO THE BOTTOM OF THE TROSS COMPONENT.
DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN, ENGINEERING RESPONSIBILITY SOLELY FOR THE TROSS COMPONENT
DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



(5194 - Hollingsworth Residence / Contractor -- LAKE CITY, FL - A22)

Top chord 2x4 SP #2 N
3rd chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 8-10-3.

Scale = .25" / Ft.

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

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-- 23238

DATE 01/21/08

DRW HCUSR215 08021053

HC-ENG WHK/WHK

SEQN- 213039

FROM CDM

JREF- 1TE9215_Z02

PLT TYP. Wave

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

L Certificate of Authorization # 0278

Jan 21 08

Professional Engineer

FLORIDA

STATE OF

James L. Collins, Jr.

No. 002212

Professional Engineer

FLORIDA

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STATE OF

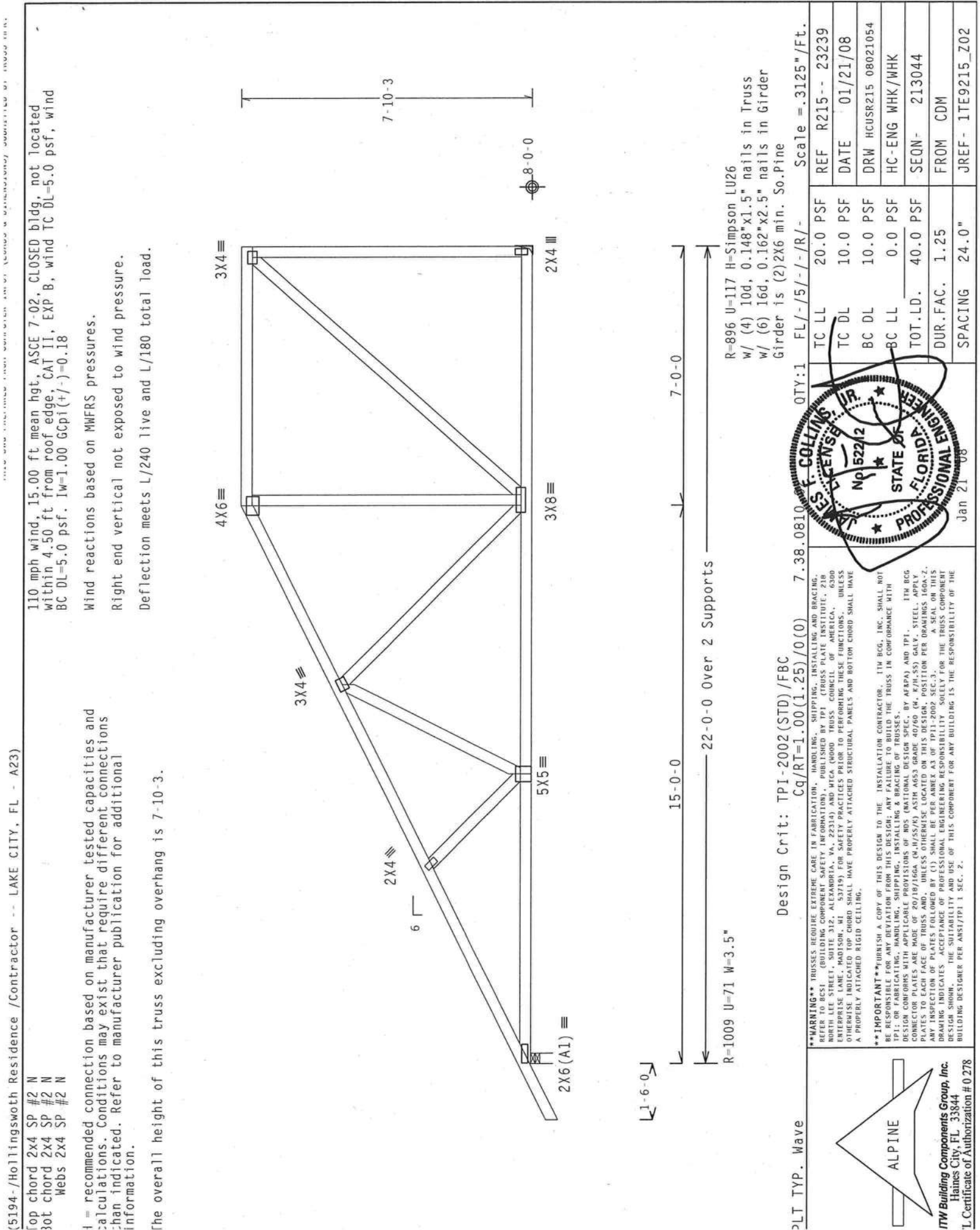
James L. Collins, Jr.

No. 002212

Professional Engineer

FLORIDA

STATE OF



(5194- /Hollingsworth Residence /Contractor -- LAKE CITY, FL - A23)

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

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

The overall height of this truss excluding overhang is 7'-10-3/4.

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.

Right end vertical not exposed to wind pressure.

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

R=896 U=117 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Scale = .3125" / Ft.

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

REF R215 -- 23239

DATE 01/21/08

DRW HCUR215 08021054

HC-ENG WHK/WHK

SEQN- 213044

FROM CDM

JREF- 1TE9215_Z02

Jan 21 08

Professional Engineer

FLORIDA

STATE OF FLORIDA

Professional Engineer

Jan 21 08

Professional Engineer

Jan 21 08

Professional Engineer

Jan 21 08

Professional Engineer

Jan 21 08

Professional Engineer

Jan 21 08

Professional Engineer

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Professional Engineer

Jan 21 08

Professional Engineer

Jan 21 08

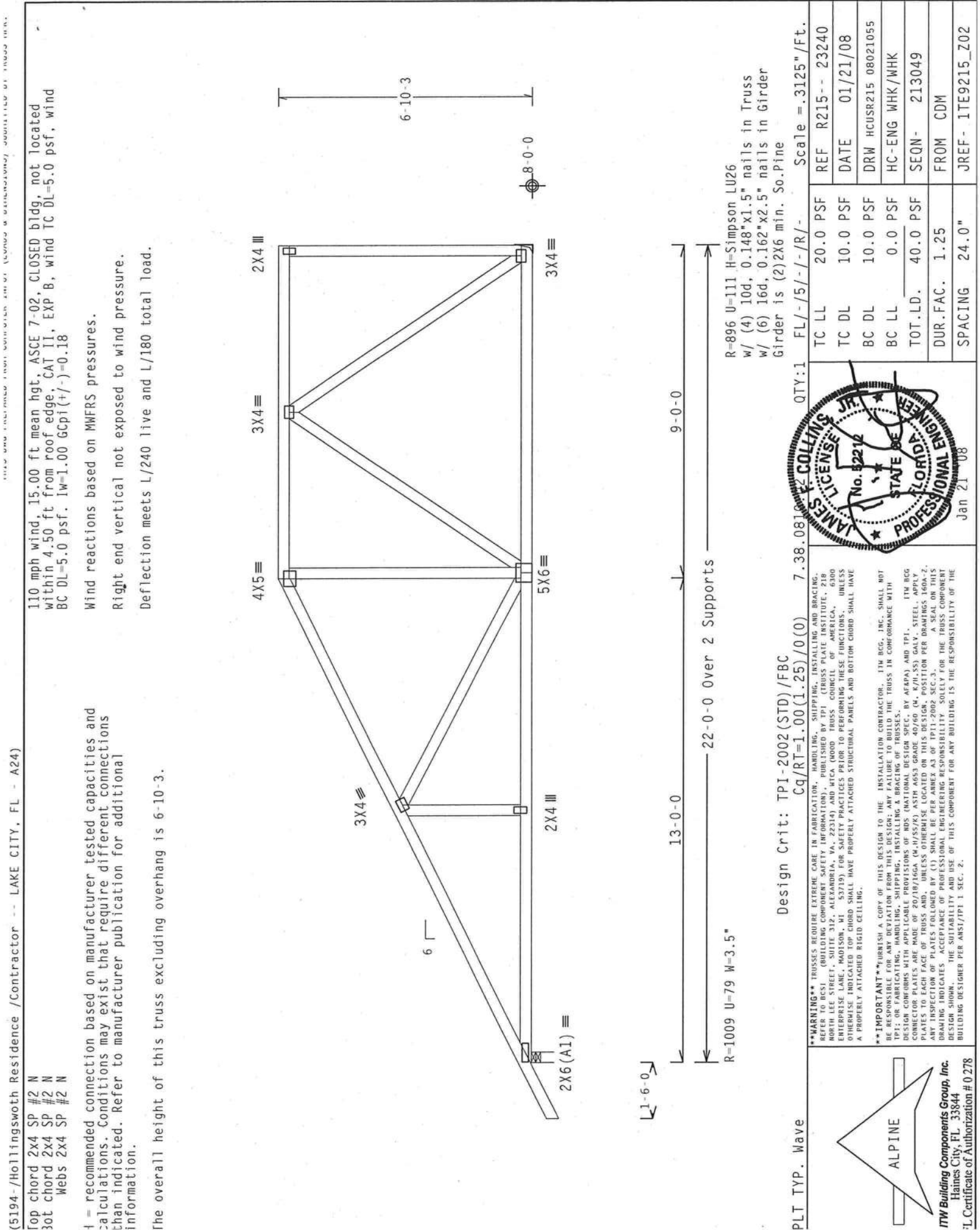
Professional Engineer

Jan 21 08

Professional Engineer

Jan 21 08

Professional Engineer



(5194- /Hollingsworth Residence /Contractor -- LAKE CITY, FL - A24)

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

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

The overall height of this truss excluding overhang is 6-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcp1(+/-)=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.

R=896 U=111 H=Simpson LU26

w/ (4) 10d, 0.148"x1.5" nails in Truss

w/ (6) 16d, 0.162"x2.5" nails in Girder

Girder is (2)2x6 min. So.Pine

Scale = .3125"/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-- 23240

DATE 01/21/08

DRW HCUSR215 08021055

HC-ENG WHK/WHK

SEQN- 213049

FROM CDM

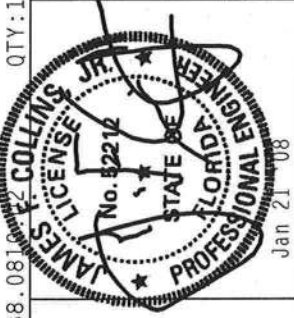
JREF- 1TE9215_202

Design Crit: TPI-2002(STD)/FBC

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

22-0-0 Over 2 Supports

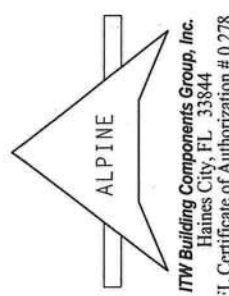
R=1009 U=79 W=3.5"



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI, 1000 PLATE MILL RD., NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; 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 20/18/16GA (4-H/55/K) ASTM A653 GRADE 40/40 (4, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC A3 OF 1971-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE 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
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. $I_w=1.00$ $G_{cp}(+/-)=0.18$

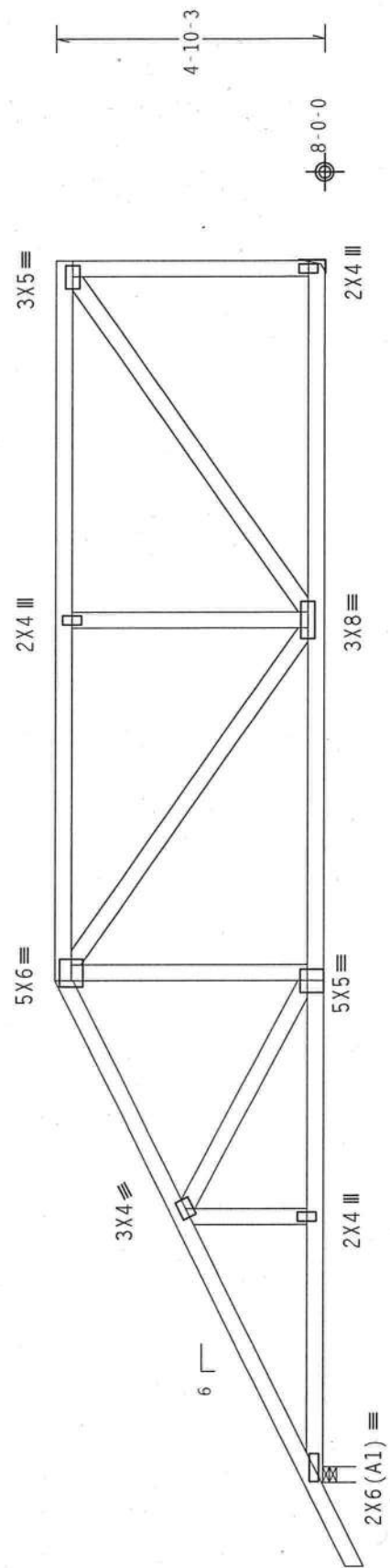
1 = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 4-10-3.



L1-6-0

9-0-0

13-0-0

22-0-0 Over 2 Supports

R=1009 U=93 W=3.5"

R=896 U=102 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

QTY:1 FL/-5/-/-R/- Scale = .3125"/Ft.

Design Crit: TPI-2002 (STD)/FBC

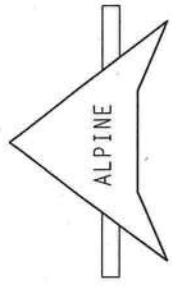
Cg/RT=1.00(1.25)/0(0) 7.38.0810.02

****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 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 A 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 (U-H/SS/A) ASTM A653 GRADE 40/60 (N, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENCY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT DESIGNER'S RESPONSIBILITY. THE SUFFICIENCY 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--	23242
TC DL	10.0 PSF	DATE	01/21/08	
BC DL	10.0 PSF	DRW	HCUSR215	08021057
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	213059	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE9215_Z02	



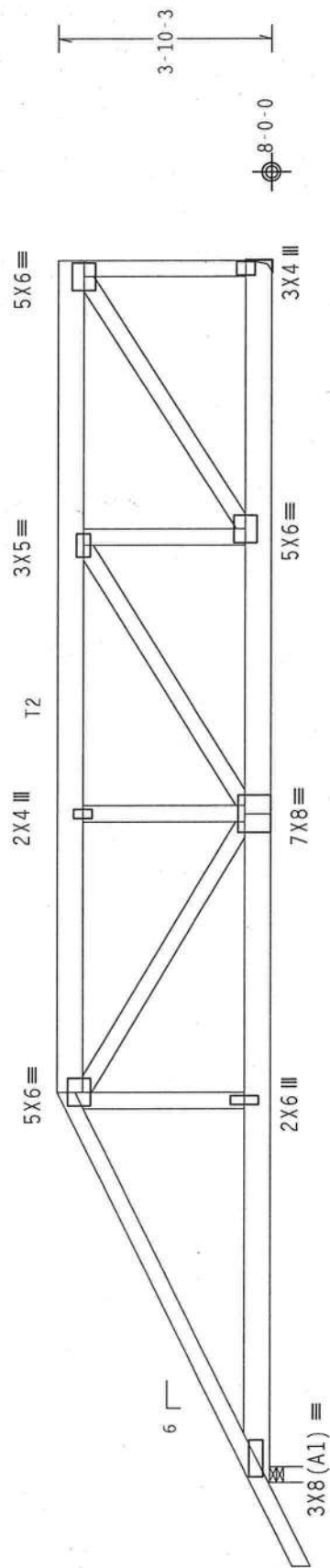
ITW Building Components Group, Inc.
Haines City, FL 33844
Certificate of Authorization # 0278

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

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

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

Wind reactions based on MWFRS pressures.
Right end vertical not exposed to wind pressure.
#1 hip supports 7-0-0 jacks with no webs.
The overall height of this truss excluding overhang



1-6-01

7-0-0	↓	22-0-0 Over 2 Supports
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R=1821 U=176 W=3.5"

R=1955 U=165 H=Simpson HUS26
w/ (4) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

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

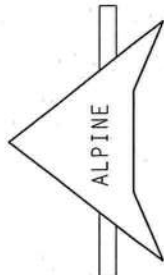
QTY:1 FL/-/5/-/-/R/-/ - Scale = .3125"/Ft.

PLT TYP. Wave

***WARNING *** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MAISONVILLE, OH 45719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

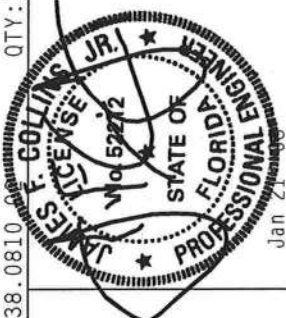
IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF INTERNATIONAL DESIGN SPEC. (BY AISC/A) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (W-1/8S/K) ASTM A563 GRADE 40/60 (W. K/1/8S) GALV., STEEL, APPLIED 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 ANHX 3 OF TPI-2002 SEC. 3. 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 ANSI/TPI 1 SEC. 2.



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

L Certificate of Authorization # 0 278



TC LL	20.0 PSF	REF R215-- 23243
TC DL	10.0 PSF	DATE 01/21/08
BC DL	10.0 PSF	DRW HCUR215 08021024
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN- 213064
DUR.FAC.	1.25	FROM CDM
SPACING	SEE ABOVE	JREF- 1TE9215_Z02

Nailing Schedule: (0.131"x3" _G

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

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

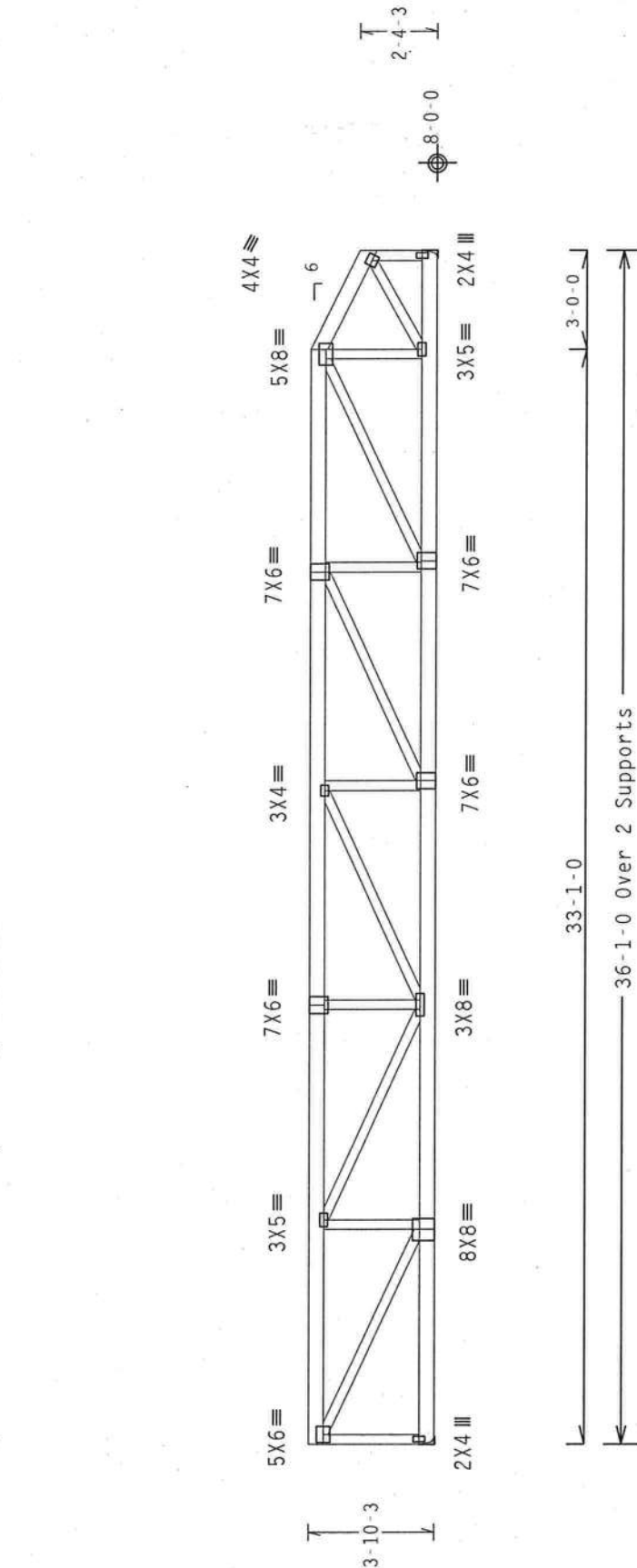
Use equal spacing between rows

in each row to avoid splitting.

End verticals not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 3-10-3.



R=2600 U=234 H=Simpson HHHS26-2

w/ (4) 16d. 0.162"x2.5" nails in Truss

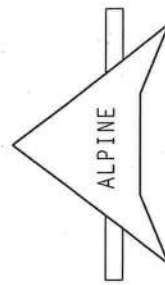
w/ (14) 16d, 0.162"x2.5" nails in Girder

Girder is (2)2X6 min. So.Pine

PLT TYP. Wave

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

0TY.1 FI / - / 5 / - / - / R / -

$$\text{Scale} = 1875''/\text{Ft}$$
[illegible][illegible]

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

FL Certificate of Authorization # 0 278

TC LL	20.0	PSF	REF- R215-- 23244
TC DL	10.0	PSF	DATE 01/21/08
BC DL	10.0	PSF	DRW HCURS215 08021059
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEON- 213181
DUR.FAC.	1.25		FROM CDM
SPACING	SEE ABOVE		JREF- 1TE9215_Z02

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

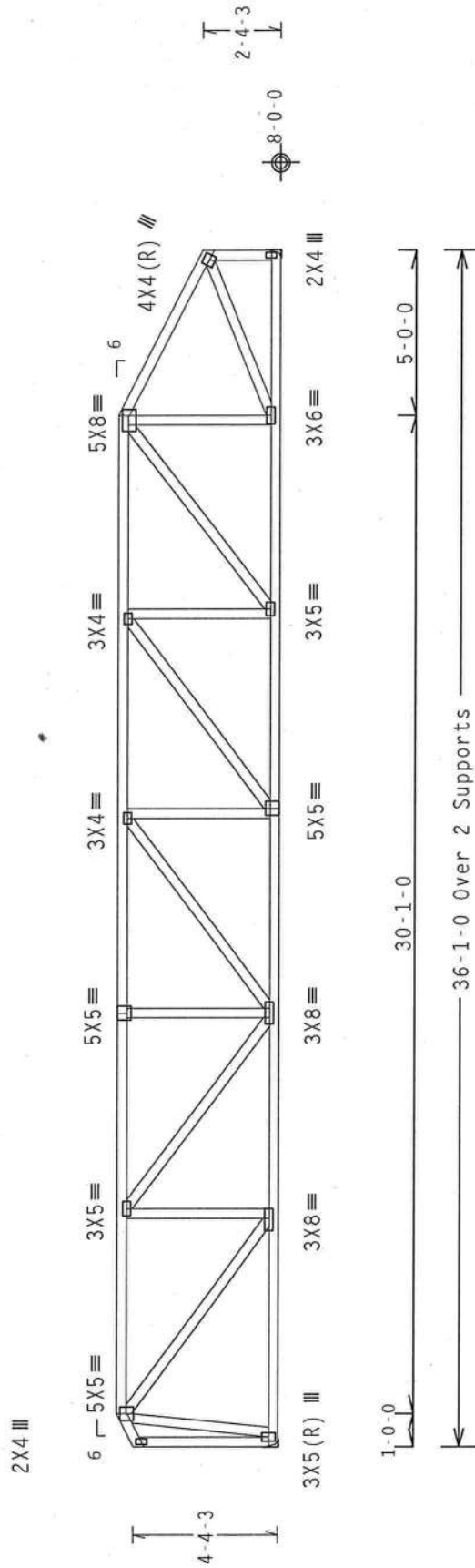
End verticals not exposed to wind pressure.

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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 4-10-3.



R-1486 U-156 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

R=1486 U=144 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

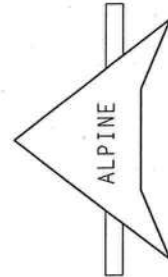
 $Cq/RT=1.00(1.25)/0(0)$

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

Scale = .1875" / Ft.

*****WARNING***** THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL DECKS INCLUDING COMPONENTS, MUST BE SAFETY INSPECTED BY A LICENSED PROFESSIONAL ENGINEER, PRIOR TO USE. STREET ADDRESS: 10001 LEE STREET, MOBILE, AL 36688. PHONE: (205) 636-1100. FAX: (205) 636-1101. E-MAIL: info@thossecorp.com. WEBSITE: www.thossecorp.com. ALL THOSSES ARE MANUFACTURED IN THE U.S. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRACED CEC'S.

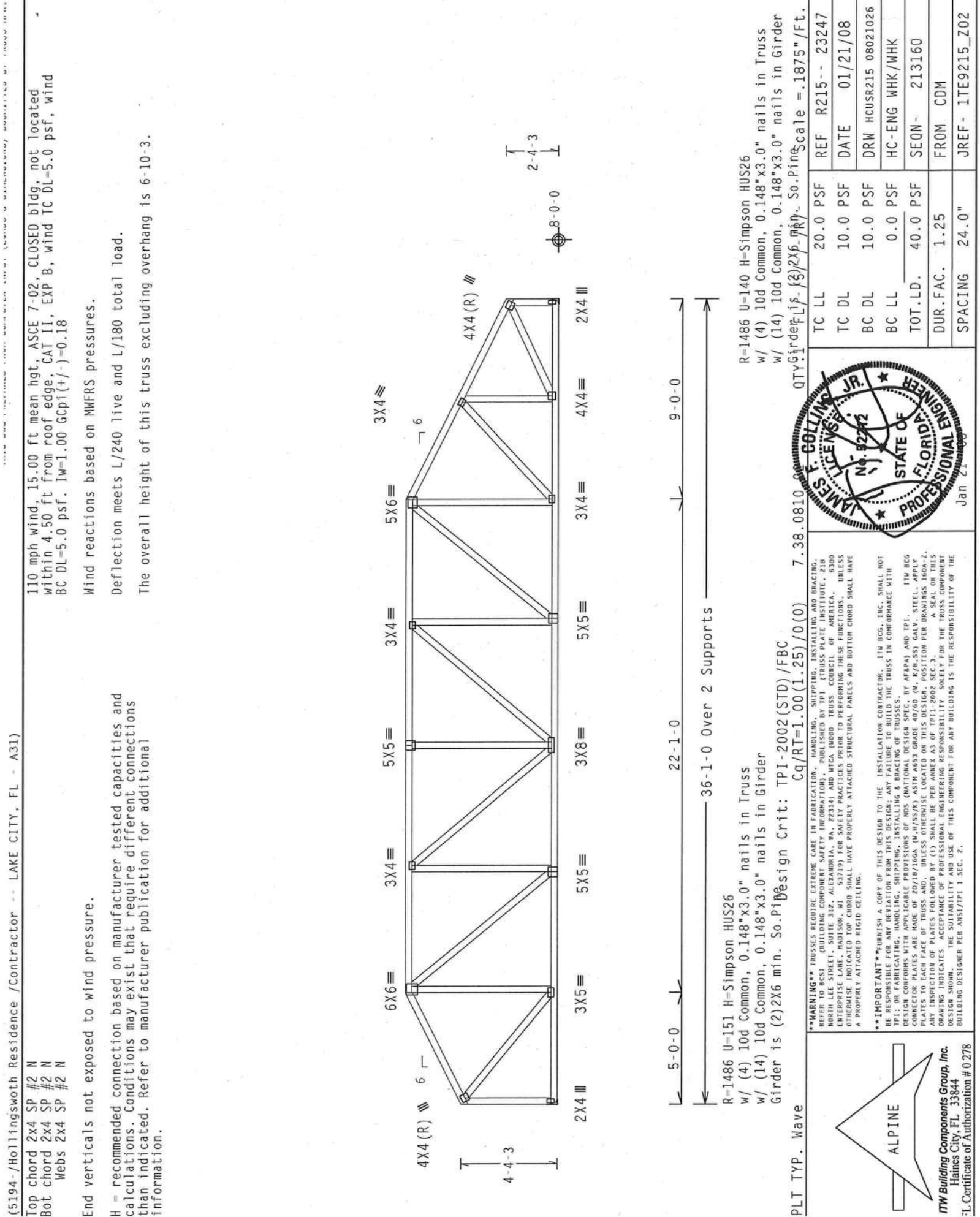
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD IN CONFORMANCE WITH IPT-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNING OR CONSTRUCTION WITH APPLICABLE PROVISIONS OF AISC (NATIONAL STEEL CONSTRUCTION INSTITUTE) SPECIFICATIONS FOR STEEL PLATES TO EACH FACE OF TRUSS AND JOISTS OTHERWISE SPECIFIED. THE DESIGNER SHALL BE RESPONSIBLE FOR THE INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC Q3 OF IPT-1-2002 SEC.3. THE DESIGNER SHALL BE RESPONSIBLE FOR THE 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 AISC/IPT-1 SEC. 2.



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

James City, FL 33644
'L Certificate of Authorization # 0 278

TC LL	20.0	PSF	REF	R215--	23245
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021060
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEQN-	213172	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A31)

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

End verticals not exposed to wind pressure.

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

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.

The overall height of this truss excluding overhang is 6-10-3.

PLT TYP. Wave
R-1486 U=151 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2x6 min. So.Ping Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 7.38.0810 7.38.0810
QTY: Girder 1/2 (3) 2x6 min. So.Ping Scale =.1875"/Ft.

ALPINE

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

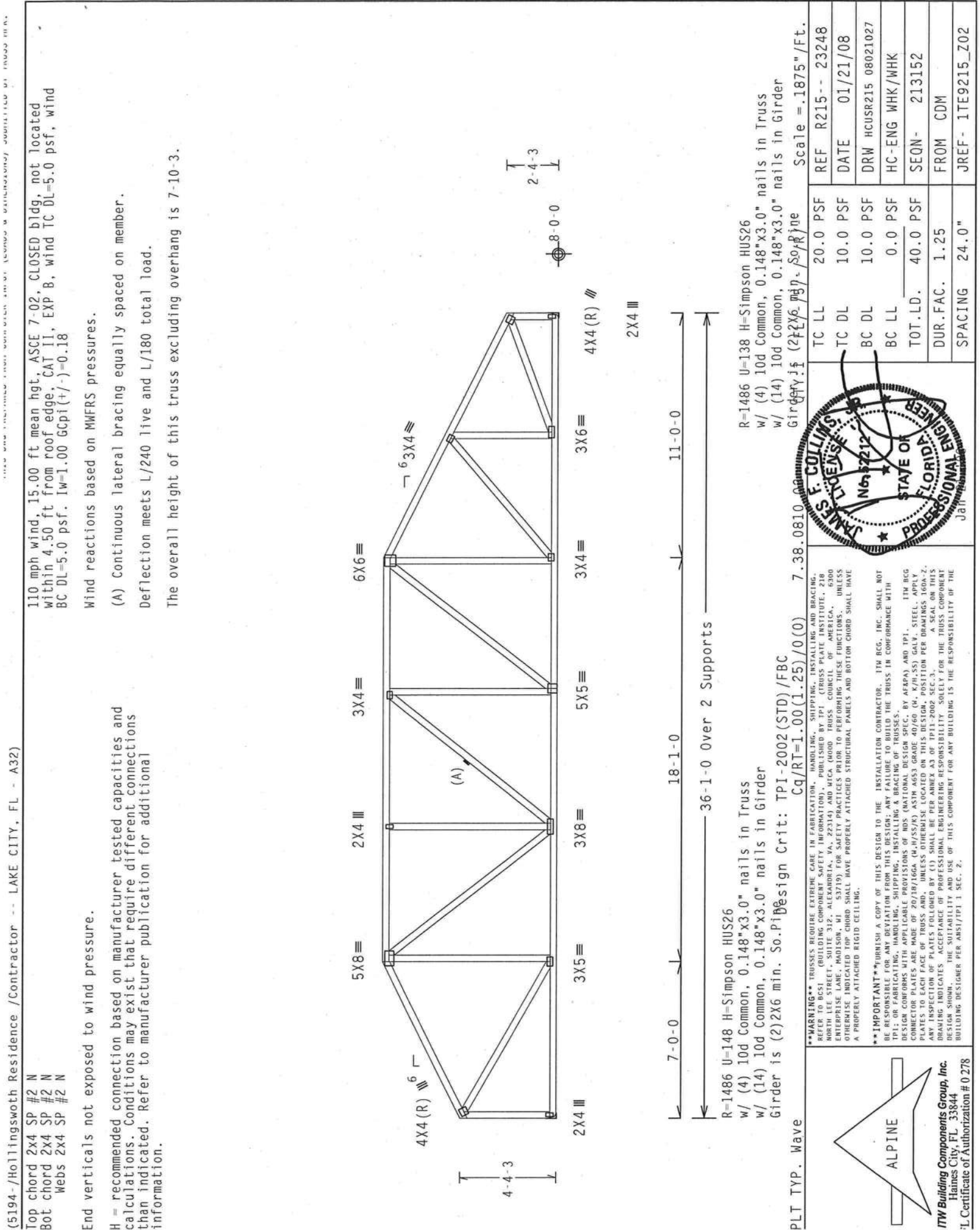
ITW BCG
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PFA) AND TPI.
CONNECTOR PLATES ARE MADE OF 20/18/10GGA (20/18/10GGA) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2.
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF 10/11-2002 SEC.3. A SEAL ON THIS
DESIGN SHALL BE THE SUIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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.
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTC (4000 TRUSS COURCIL 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.

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.
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTC (4000 TRUSS COURCIL 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.



TC LL	20.0 PSF	REF	R215--	23247
TC DL	10.0 PSF	DATE	01/21/08	
BC DL	10.0 PSF	DRW	HCUSR215	08021026
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN	213160	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF	1TE9215_Z02	



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A32)

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

End verticals not exposed to wind pressure.

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

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.

(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 7-10-3.

R-1486 U-148 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder

Girder is (2)2X6 min. So.P Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.00

Scale = .1875"/Ft.

PLT TYP. Wave

7-0-0 18-1-0 11-0-0

36-1-0 Over 2 Supports

4x4(R) 6x6 3x4 3x6 4x4(R) 2x4

2x4 3x5 3x8 5x5 3x4 3x6 4x4(R) 2x4

4-4-3 2-4-3 8-0-0

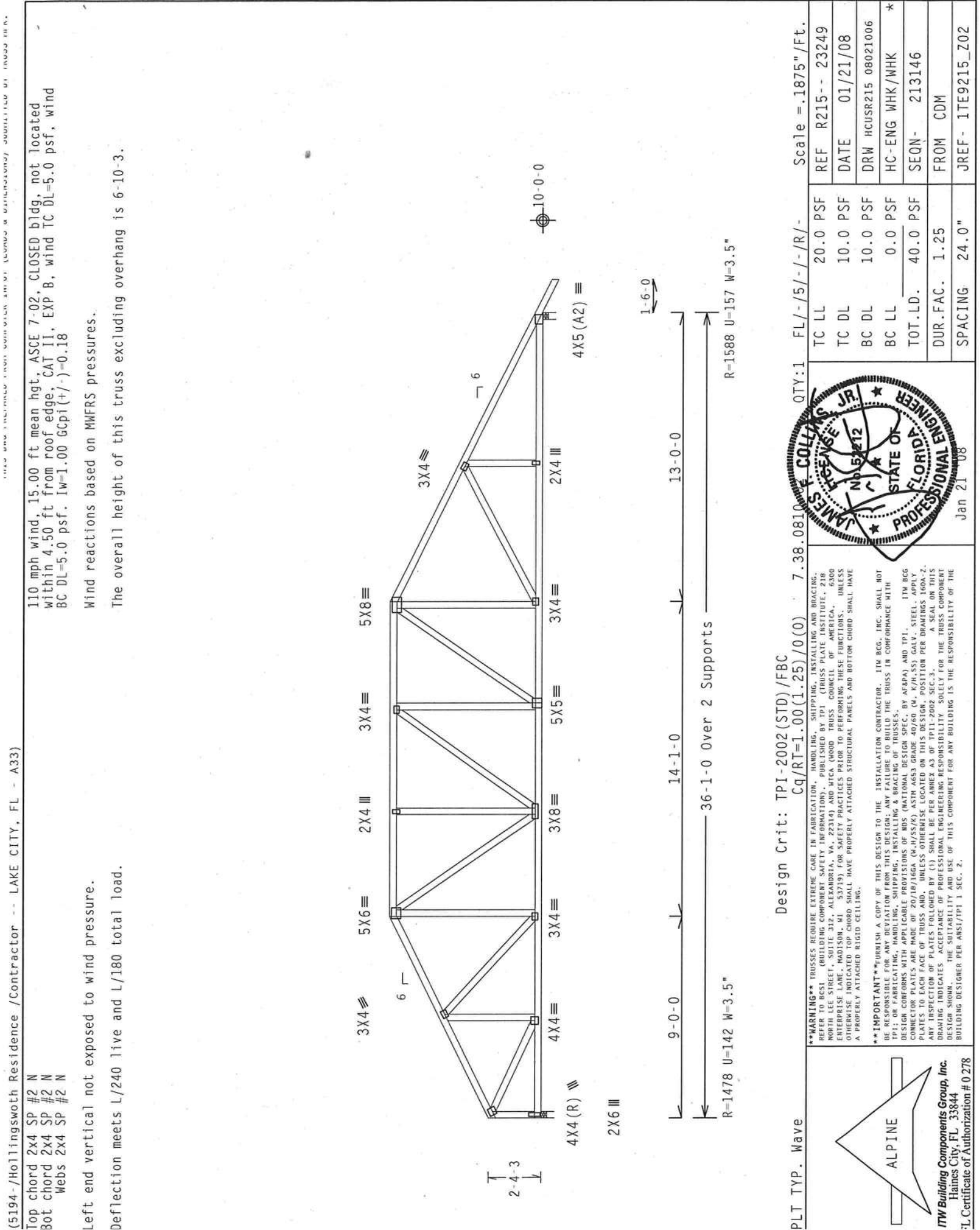
ITW Building Components Group, Inc.
Haines City, FL 33844

PL Certificate of Authorization # 0 278

ALPINE

STAMP: STAMPS F. COLLINS, LICENSE NO. 12212, STATE OF FLORIDA, PROFESSIONAL ENGINEER

TABLE: REF R215-- 23248, DATE 01/21/08, DRW HCUR215 08021027, HC-ENG WHK/WHK, SEQN- 213152, FROM CDM, JREF- 1TE9215_Z02



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

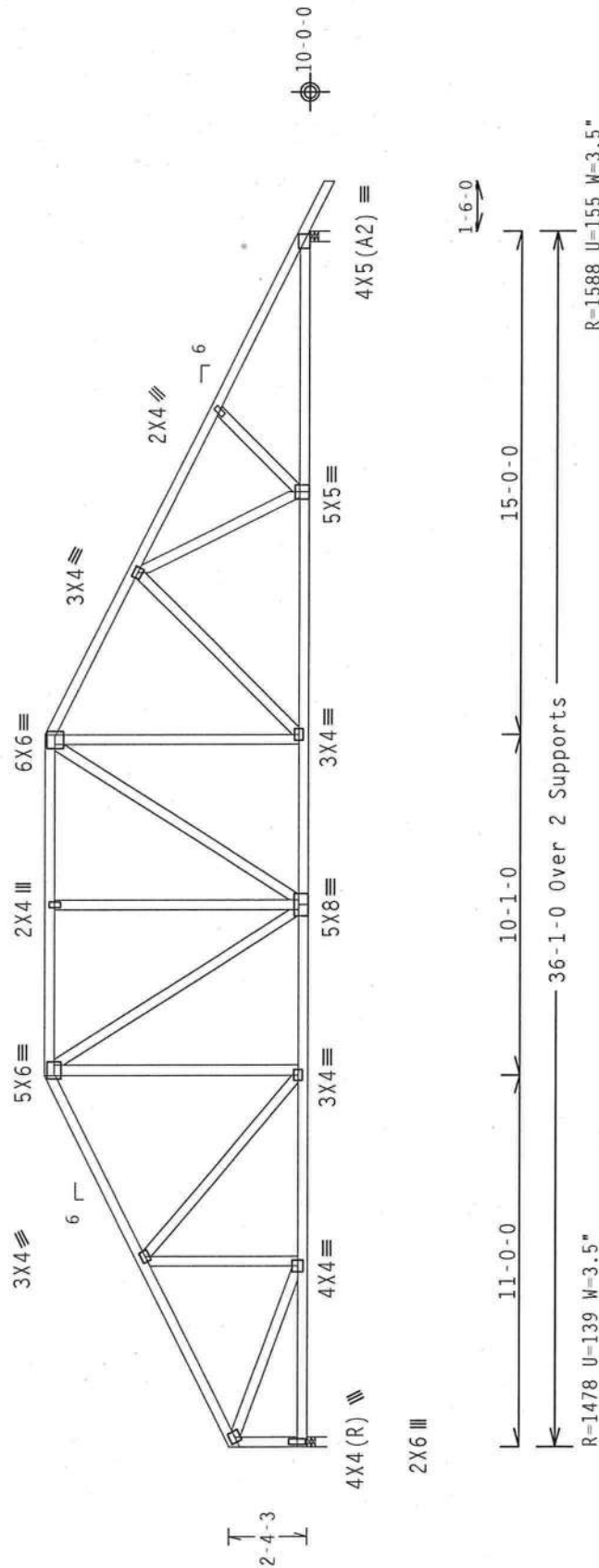
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Left end vertical not exposed to wind pressure.

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 7-10-3.



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.

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 MANUFACTURER. TRUSS MANUFACTURER: NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND NICA (WOOD TRUSS, COUNCIL OF AMERICA), 6300 ENTERPRISE LANE, MADISON, MI 48219. FOR SAFETY PRACTICES PLEASANT TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

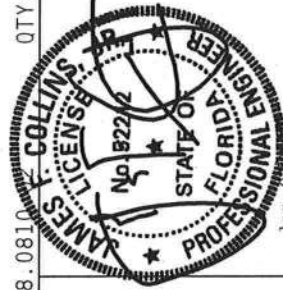
*****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT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

DESIGN CONFORMS WITH APPLICATION FROM ITW BCG, INC. INSTALLING & BRACING OF TRUSSES.

CONNECTIONS WITH APPLICABLE PROVIDER'S PROVISIONS SHALL BE IN ACCORDANCE WITH AISC 360 AND TPI. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE CONNECTIONS TO THE TRUSS.

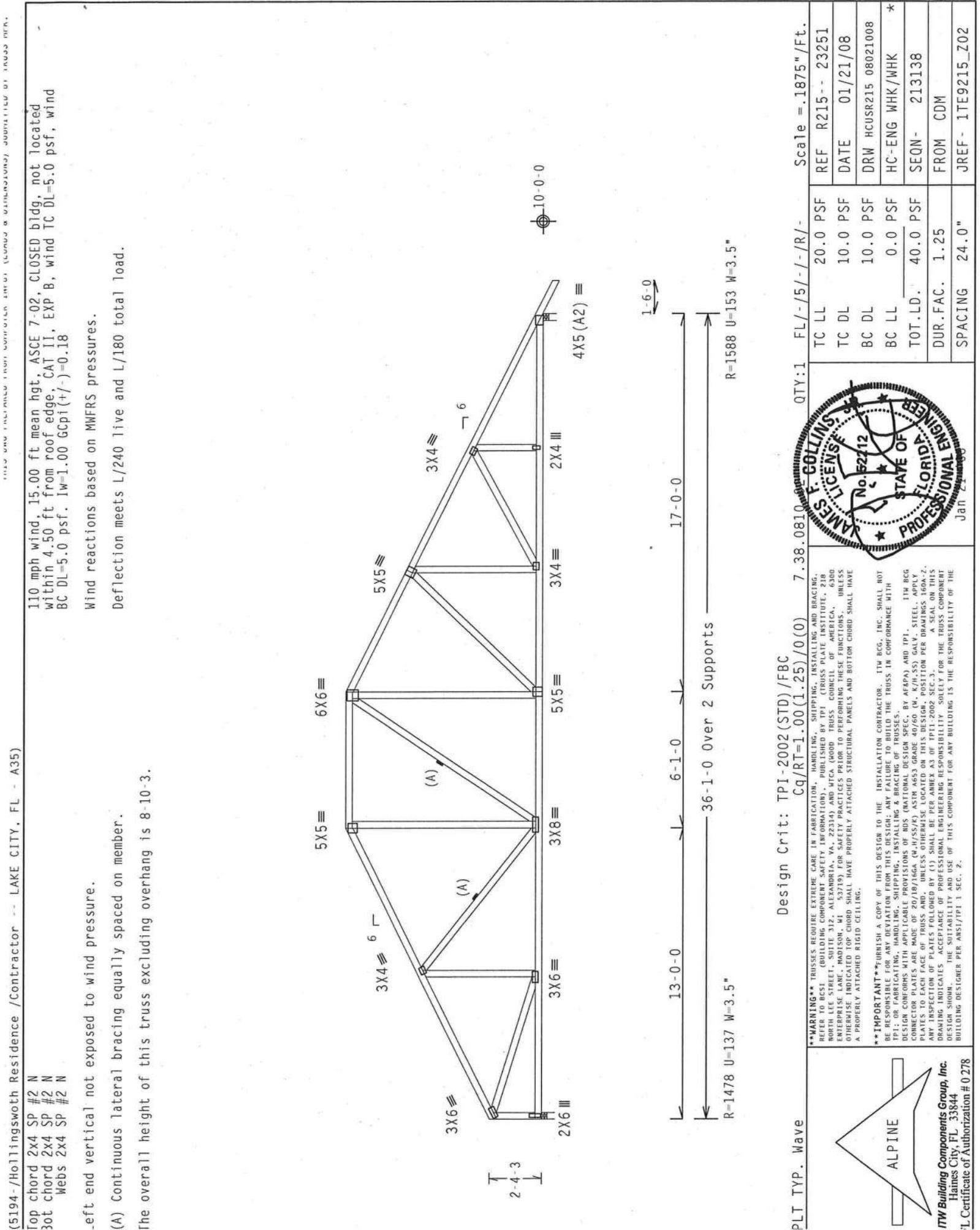
CONNECTOR PLATES ARE MADE OF 7012/16GA 40/US255P ASTM A653 GRADE 40C. 1/4" X 1/8" GALV. STEEL. APPLS-2 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABX 43 OF TP11-2002 SEC.3.

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 DESIGNING DESIGNER PER ABX/TP1 1 SEC. 2.



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

JREF- 1TE9215 Z02



(5194- /Hollingsworth Residence /Contractor -- LAKE CITY, FL - A35)
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
Left end vertical not exposed to wind pressure.
(A) Continuous lateral bracing equally spaced on member.
The overall height of this truss excluding overhang is 8-10-3.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcp1(+/-)=0.18
Wind reactions based on MWFRS 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
Scale = .1875"/Ft.

PLT TYP. Wave
R=1478 U=137 W=3.5"
R=1588 U=153 W=3.5"
QTY:1 FL/-/5/-/-/R/-

REF R215-- 23251
DATE 01/21/08
DRW HCUSR215 08021008
HC-ENG WHK/WHK
SEQN- 213138
FROM CDM
JREF- 1TE9215_Z02

James F. Collins
Professional Engineer
No. 62212
State of Florida
Jan 21, 2008

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

PLT TYP. Wave
R=1478 U=137 W=3.5"
R=1588 U=153 W=3.5"
QTY:1 FL/-/5/-/-/R/-

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810
Scale = .1875"/Ft.

PLT TYP. Wave
R=1478 U=137 W=3.5"
R=1588 U=153 W=3.5"
QTY:1 FL/-/5/-/-/R/-

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

Left end vertical not exposed to wind pressure.

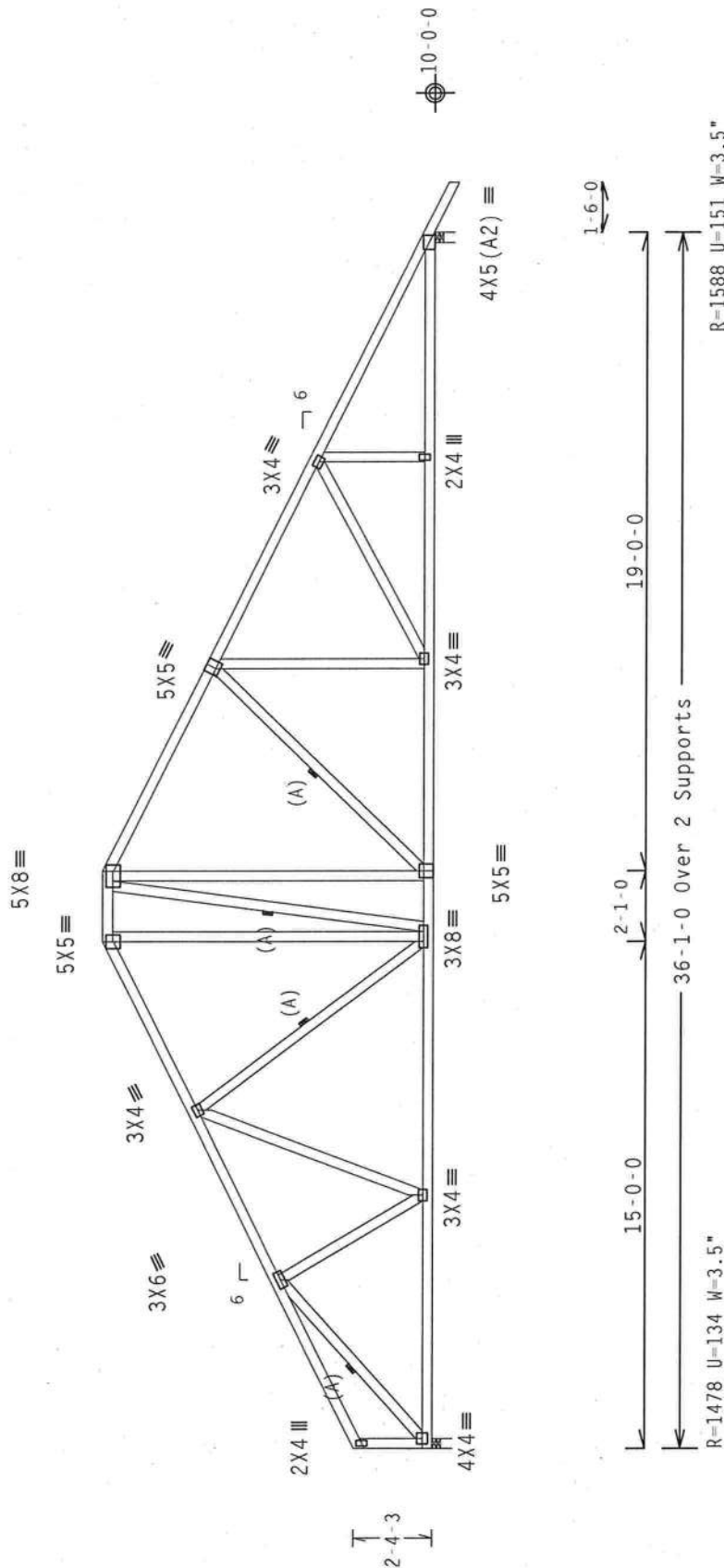
(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 9-10-3.

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

Wind reactions based on MMFRS pressures.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

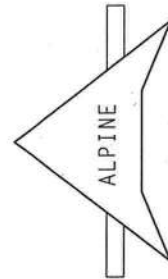
7.38.0810

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

Scale =.1875"/Ft.

****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), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 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 20/18/16GA (M/M/SS/K) 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 100A-2. 1TH BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. 1TH BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. 1TH BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. 1TH BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2.



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

PL Certificate of Authorization # 0 278



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--	23252
DATE	01/21/08	
DRW	HCUSR215	08021009
HC-ENG	WHK/WHK	*
SEQN	213134	
FROM	CDM	
JREF	1TE9215_Z02	

	Top	Bot	Web	#2	N
chord	2x4	2x4	2x4	SP	#2 N
chord	2x4	2x4	2x4	SP	#2 N
webs	2x4	2x4	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 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

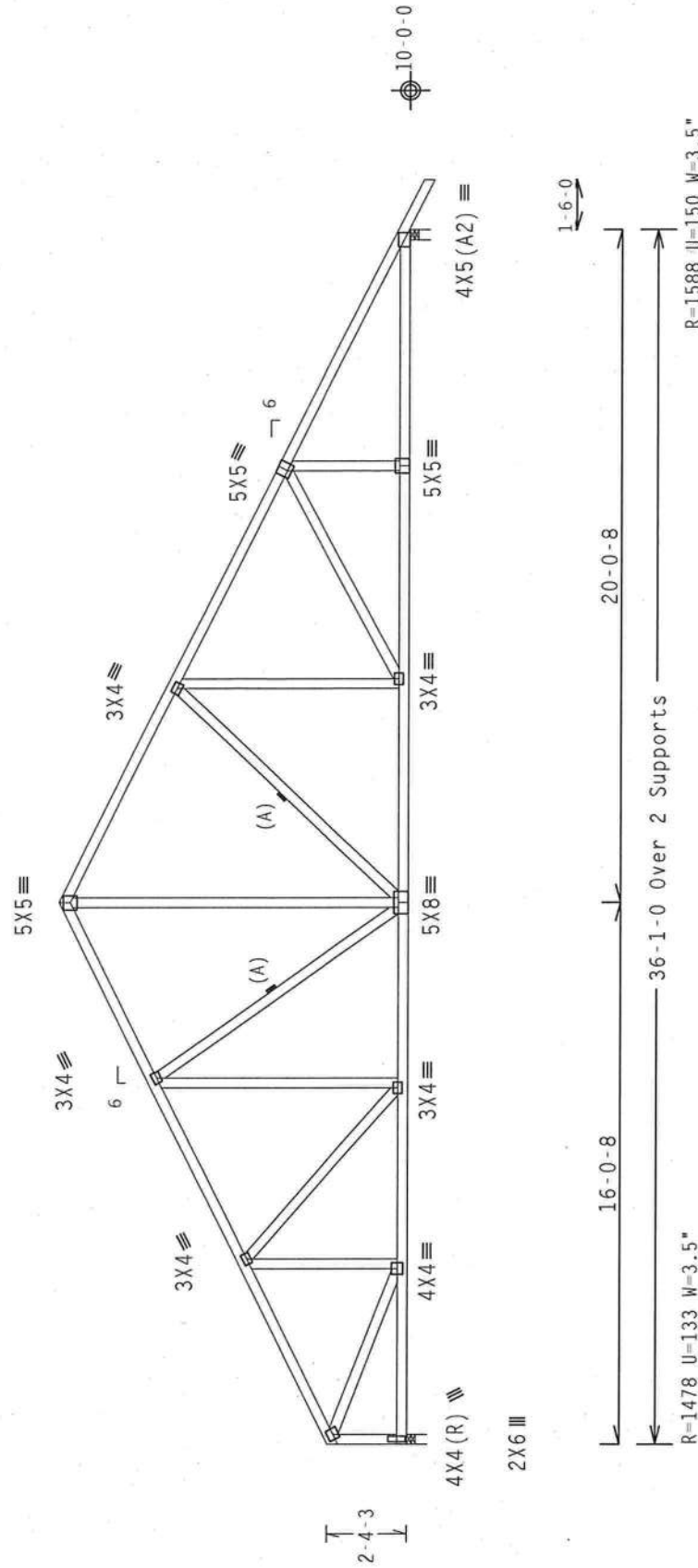
Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS 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 10-4-7.



Design Crit: TPI-2002(STD)/FBC

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

0810...03...0TY:2

Scale = .1875"/Ft.

PLT TYP. Wave

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE INSTALLED IN ACCORDANCE WITH THE INSTRUCTIONS AND SAFETY INFORMATION, PUBLISHED BY TPI (CRUSS PAPER INSTITUTE, 4300 NORTH LEE STREET, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. THE BEST AVAILABLE INFORMATION, PUBLISHED BY TPI (CRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, MADISON, WI 53702), AND THE FOLLOWING SPECIFICATIONS, MUST BE USED TO PROPERLY FABRICATE, HANDLE, SHIP, AND INSTALL THESE TRUSSES. 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. TPI 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 TRUSSES.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENTS, INC., 1000 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND VITA (800) TRUSS COUNCIL OF AMERICA, ENTERPRISE LAKE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID BEAMING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPTI. ITW BCG TRUSSES ARE MANUFACTURED TO MEET THE FOLLOWING MINIMUM REQUIREMENTS: ASTM A653 GRADE 40/50 (40 K/50SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND END JOINTS. PROVIDE 1/2" THICK PLATES ON TOP CHORDS AND 3/4" THICK PLATES ON BOTTOM CHORDS. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX D-2 OF TPI's-2002 SEC. 31. COMPLIANCE WITH THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANEX I/TPTI 1 SEC. 2.



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

Haines City, FL 33844
:L 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 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

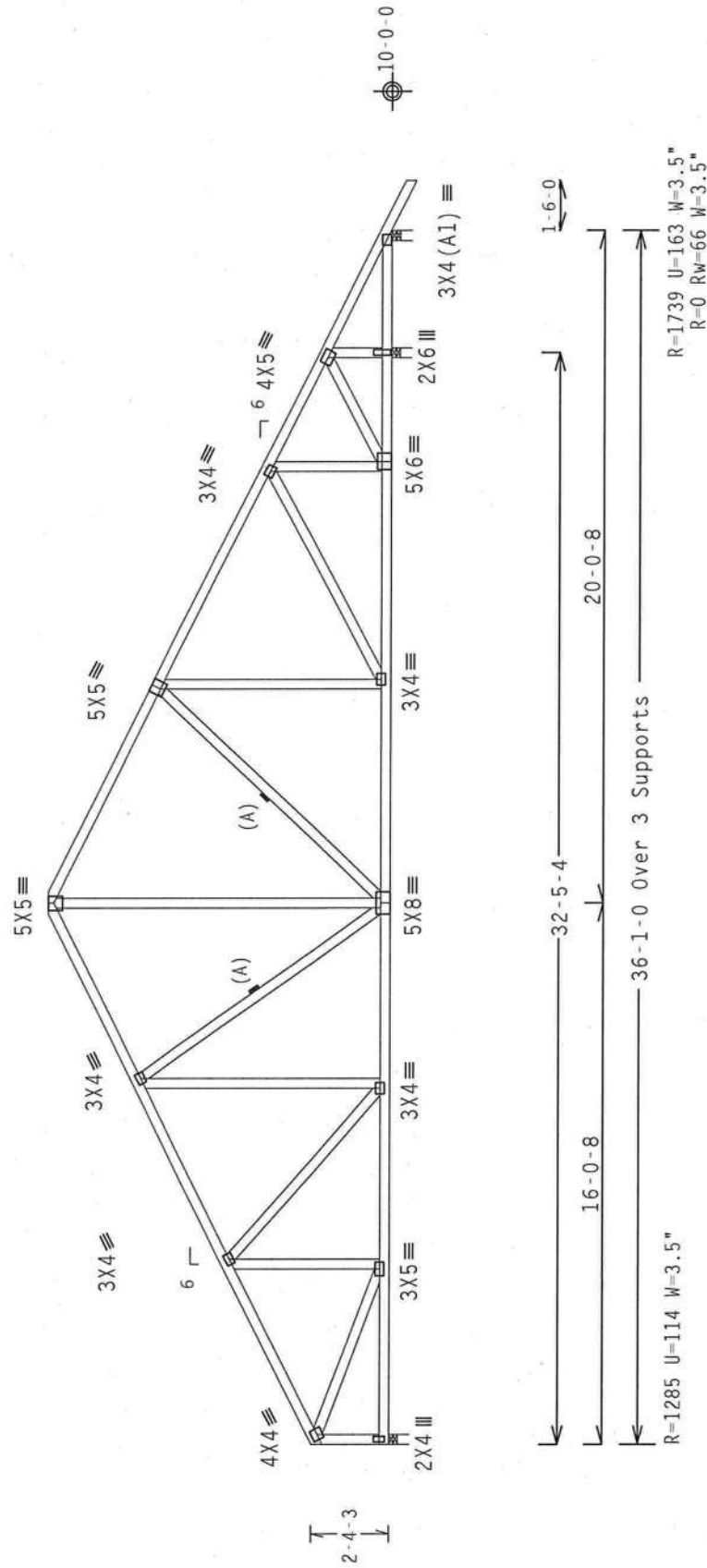
Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 10-2-7.

Wind reactions based on MWFRS pressures.

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



R=1285 U=114 W=3.5"

R=1739 U=163 W=3.5"
R=0 RW=66 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

Scale = .1875"/Ft.

0810

7.

 $Cq/RT=1.00(1.25)$

Design City

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 MANUFACTURER. TRUSS COMPANY, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WEA TRUSS, COUNCIL OF AMERICANS, ENTERPRISE LANE, SUITE 511, 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 BRACING.

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATIONS FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THIS DESIGN CONCERNS THE APPLICATOR, INCLUDING ERECTING AND BRACING OF TRUSSES.

THIS DESIGN CONFORMS WITH APPROVED PROVISIONS OF THE DESIGN SPEC. BY AFIPPO AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 7010/16GA/AL-KASAPLATE ALUMINUM OR KASAPLATE STEEL. ITW BCG PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 THROUGH 160D-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBER A3 OF TP11-2002 SEC.3, & 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/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"	

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES V. COLLINS, JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by stars. The inner circle contains "STATE OF FLORIDA" at the top and "No. 55212" in the center, also separated by stars. A handwritten signature is scrawled over the seal. To the right of the seal, the date "Jan 2, 1988" is handwritten.

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Inc.

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33844

COMPINE

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laines Cr



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A39)

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 GCpl(+/-)=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.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 9'-4"-3."

3x4 ≡ 6x6 ≡ 5x5 ≡ 5x5 ≡ 3x8 ≡ 5x5 ≡ 4x4(R) ≡ 2x4 ≡ 3x4 ≡ 3x6 ≡ 3x4(A1) ≡

14'-0" 32'-5" 4'-1" 18'-0" 1'-6" 10'-0" 2'-4"-3"

R=1313 U=119 W=3.5"

R=1687 U=168 W=3.5"
R=65 Rw=76 W=3.5"

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810.00

PLT TYP. Wave

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-- 23255
DATE 01/21/08
DRW HCUSR215 08021029
HC-ENG WHK/WHK
SEQN- 213121
FROM CDM
JREF- 1TE9215_Z02

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 2x4 SP #2 N

Webs 2x4 SP #2 N

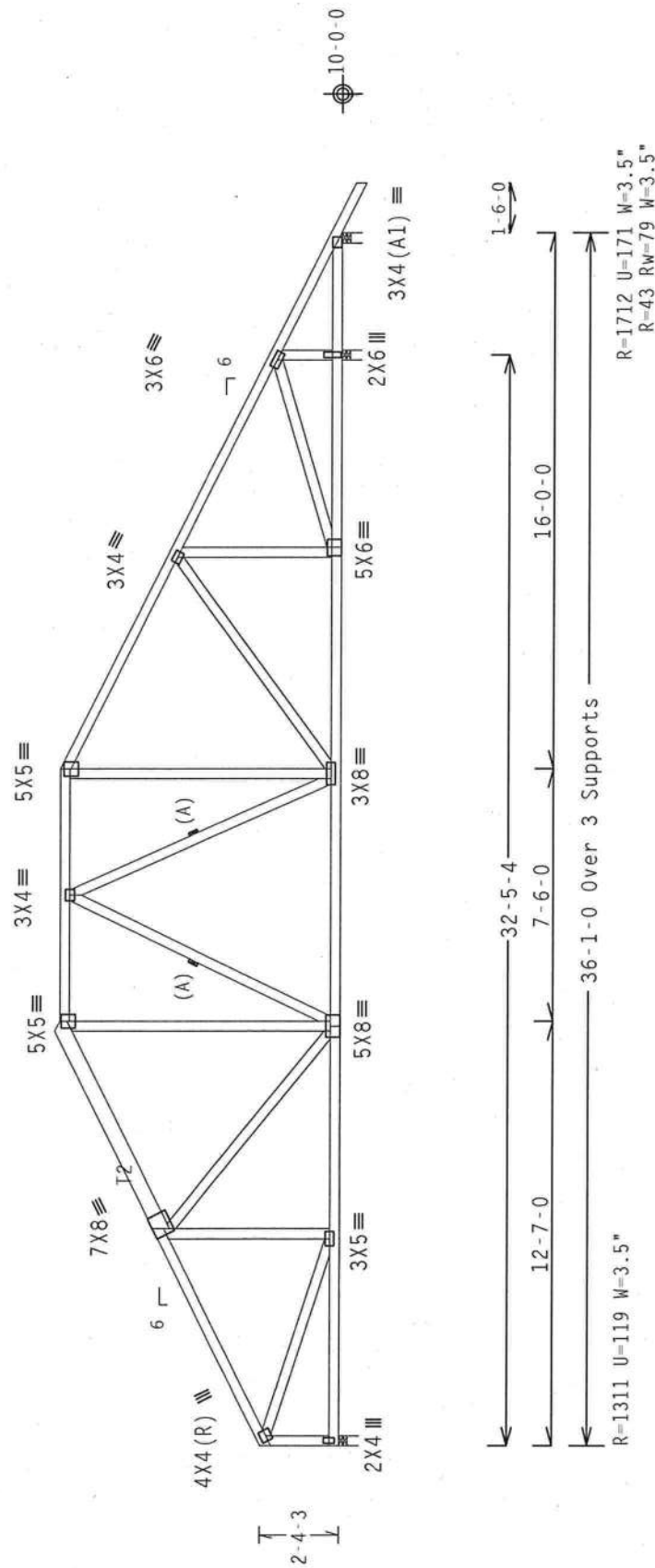
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18

Left end vertical not exposed to wind pressure.

(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 8-5-15.



R=1311 U=119 W=3.5"

R=1712 U=171 W=3.5"
R=43 RW=79 W=3.5"

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

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

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

Scale = .1875"/Ft.

PLT TYP. Wave

WARNING: TROTTERS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TROTTERS (INCLUDING COMPONENTS) PUBLISHED BY THE BRASS PLATE INSTITUTE, 2100 NORTH LA STREET, WASHINGTON, D.C. 20036, OR THE BRASS PLATE INSTITUTE OF AMERICA, 600 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY REASONS, TO PREVENT INJURY, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN COORDINATES WITH THE DESIGNER'S INTENT TO PROVIDE THE TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPECIFICATIONS AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2010/16GA U/S/AS355 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 ANEX A 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 ANEX 1 SEC. 2.



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

Haines City, FL 33844
FL Certificate of Authorization #0278

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. Iw=1.00 GCpi(+/-)=0.18

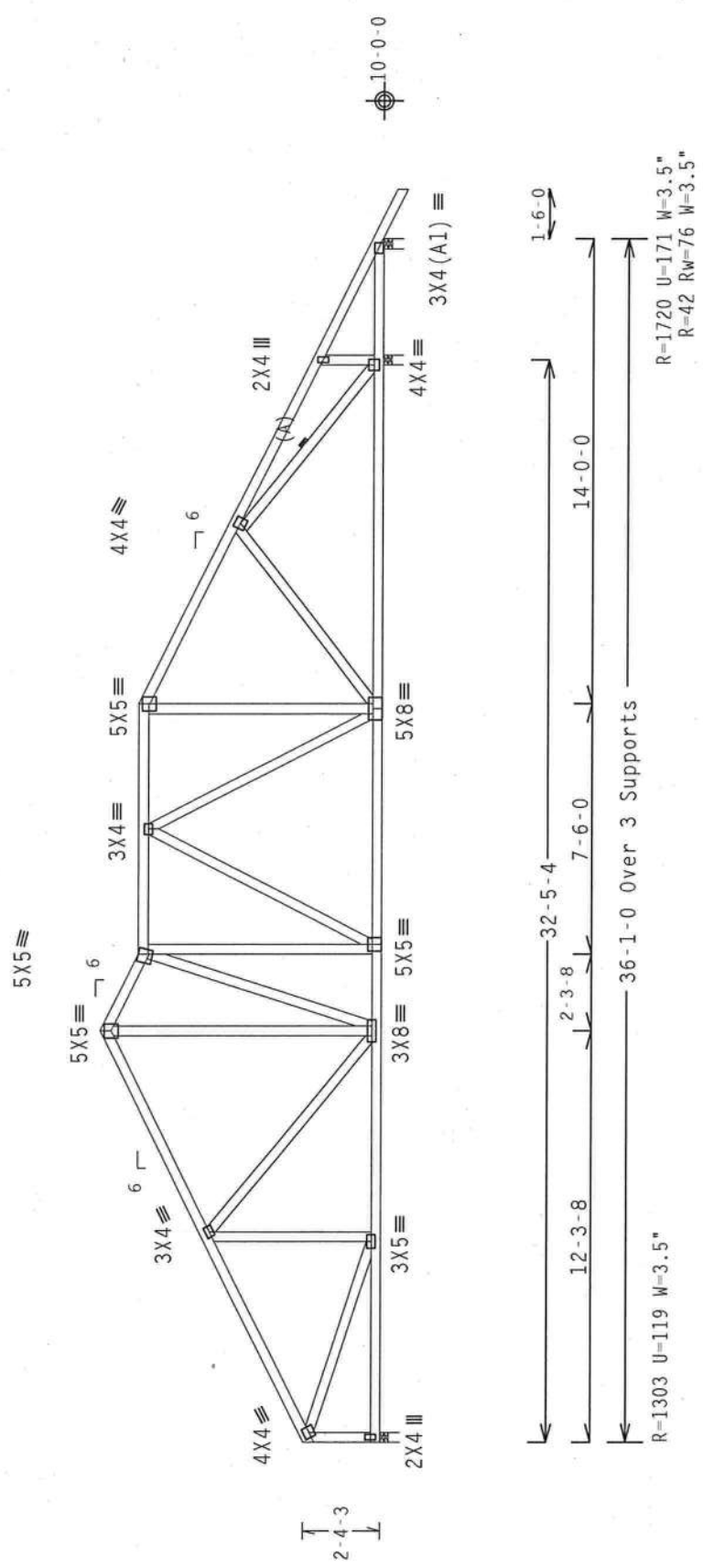
Left end vertical not exposed to wind pressure.

wind reactions based on MWFRS 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 8-5-15.



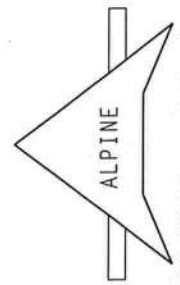
Design Crit: TPI-2002(STD)/FBC

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 BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 630 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 BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AISC DESIGN GUIDE FOR TRUSSES. THE TRUSS CONNECTOR PLATES ARE MADE OF 20/18/16GA. (W/25SP) ASTM A653 GRADE 40/60 (W. E/15.5) GALV., STEEL APPLIED PLATES TO EACH FACE OF TRUSS AND, IF NECESSARY, LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 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 AISC/TP11 SEC. 2.



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

TC	LL	20.0	PSF	REF	R215--	23257
TC	DL	10.0	PSF	DATE	01/21/08	
BC	DL	10.0	PSF	DRW	HCUR215	08021031
BC	LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.	LD.	40.0	PSF	SEQN-	213109	
DUR.	FAC.	1.25		FROM	CDM	
SPACING		24.0"		JREF-	1TE9215_Z02	

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

110 mph wind, 15.29 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

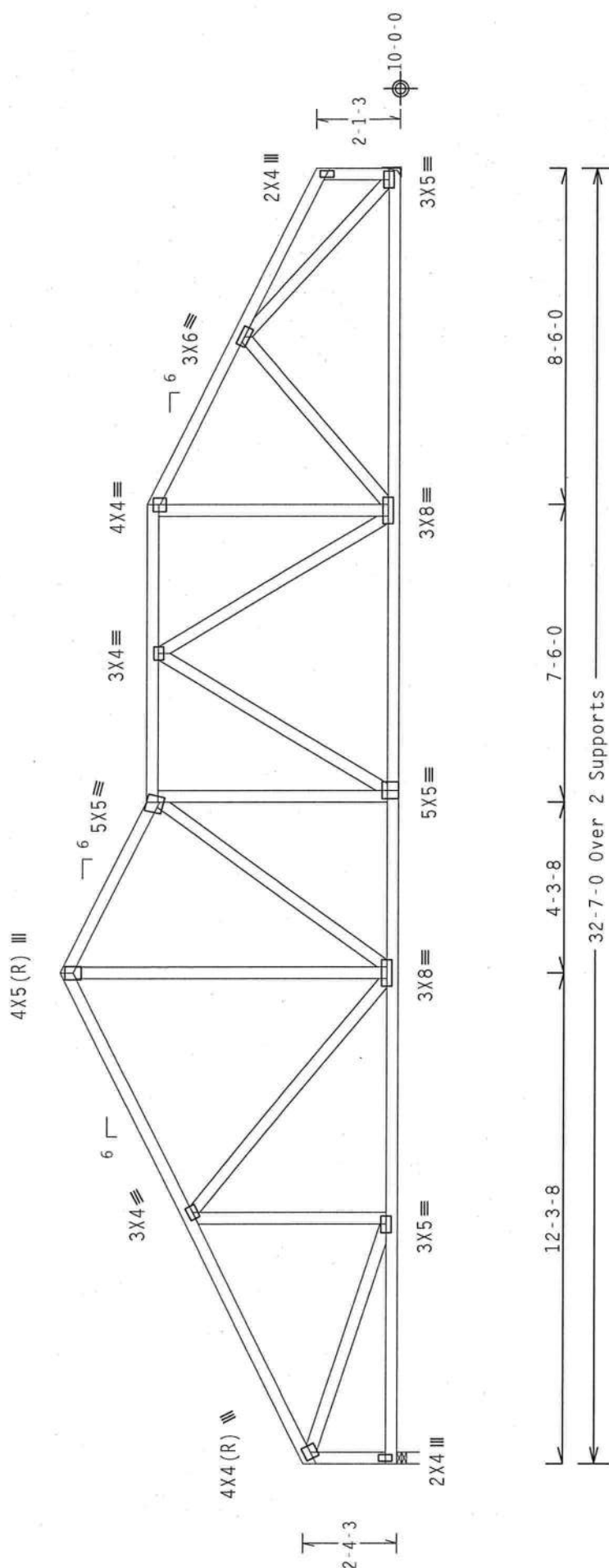
End verticals not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

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

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

The overall height of this truss excluding overhang is 8-5-15.



R=1342 U=125 W=3.5"

R-1342 U=127 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

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

10

7.

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

100

10

PLT TYP. Wave

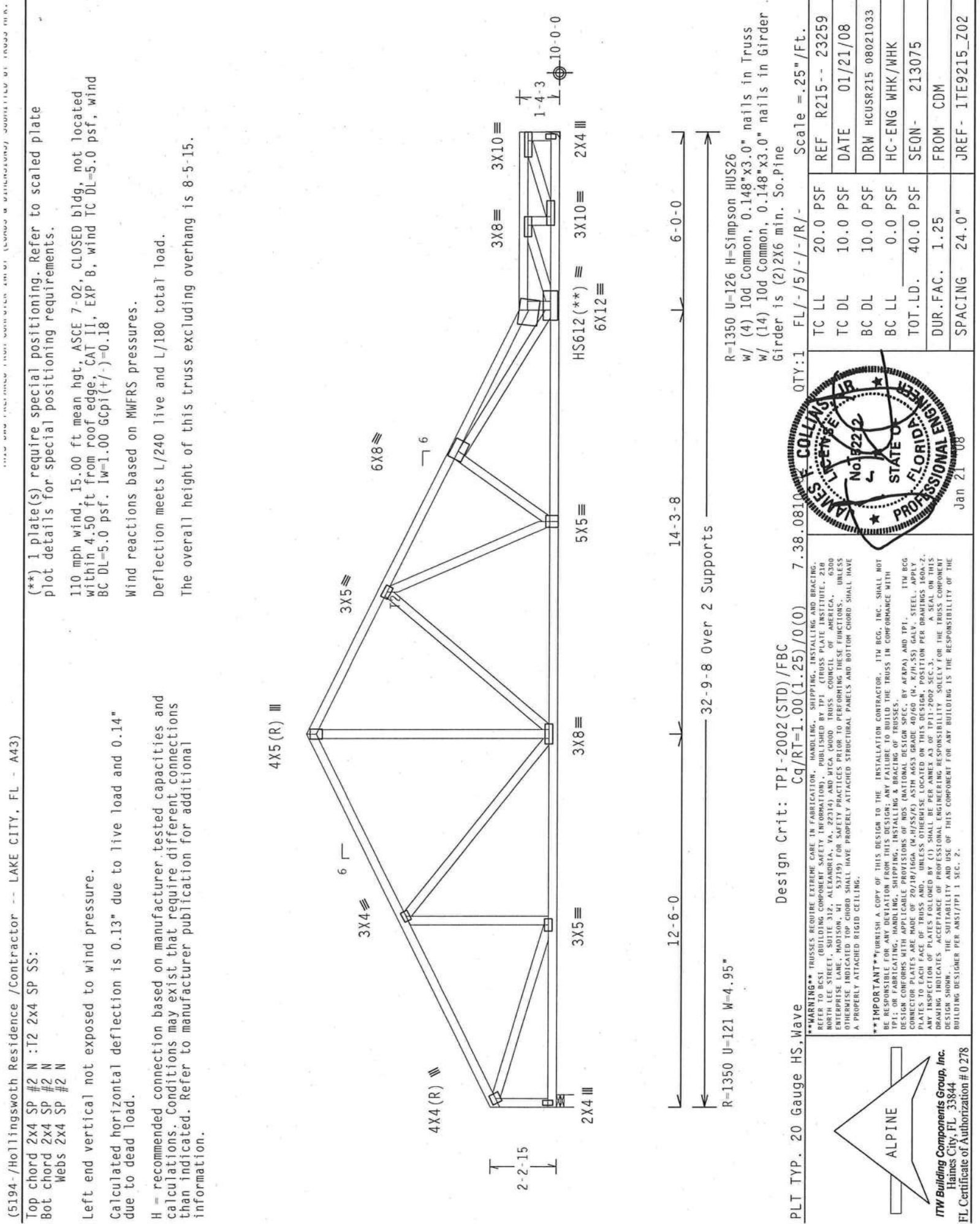
WARNING TRUSSES REQUIRE EXTREME CARE IN INFORMATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR TRUSS PRACTICES AND VICES 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 OVERTIGHTENING OF TRUSSES OR TRUSS COMPONENTS. THE TRUSS IN CONFORMANCE WITH THIS DESIGN SHALL BE DESIGNED TO BE USED IN CONFORMANCE WITH THE FOLLOWING SPECIFICATIONS:

1. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND IPT. 1TW BCG CONNECTOR PLATES ARE MADE OF 20/30/16GA (M-05/25)XK ASTM A653 GRADE 40/60 (M. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBIX 43 OF TP11-2002 SEC.3. 3. 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 AMB1/TP1 1 SEC. 2.



TC LL	20.0	PSF	REF R215-- 23258
TC DL	10.0	PSF	DATE 01/21/08
BC DL	10.0	PSF	DRW HCUSR215 08021032
BC LL	0.0	PSF	HC-ENG WHK/WHK
TOT.LD.	40.0	PSF	SEQN- 213101
DUR.FAC.	1.25		FROM CDM
SPACING	24.0"		JREF- 1TF9215_Z02



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A43)

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

Left end vertical not exposed to wind pressure.
Calculated horizontal deflection is 0.13" due to live load and 0.14" due to dead load.

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

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

The overall height of this truss excluding overhang is 8'-5-15.

(**) 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.

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

The overall height of this truss excluding overhang is 8'-5-15.

(**) 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.

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

The overall height of this truss excluding overhang is 8'-5-15.

(**) 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.

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

The overall height of this truss excluding overhang is 8'-5-15.

(**) 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.

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

The overall height of this truss excluding overhang is 8'-5-15.

(**) 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.

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

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

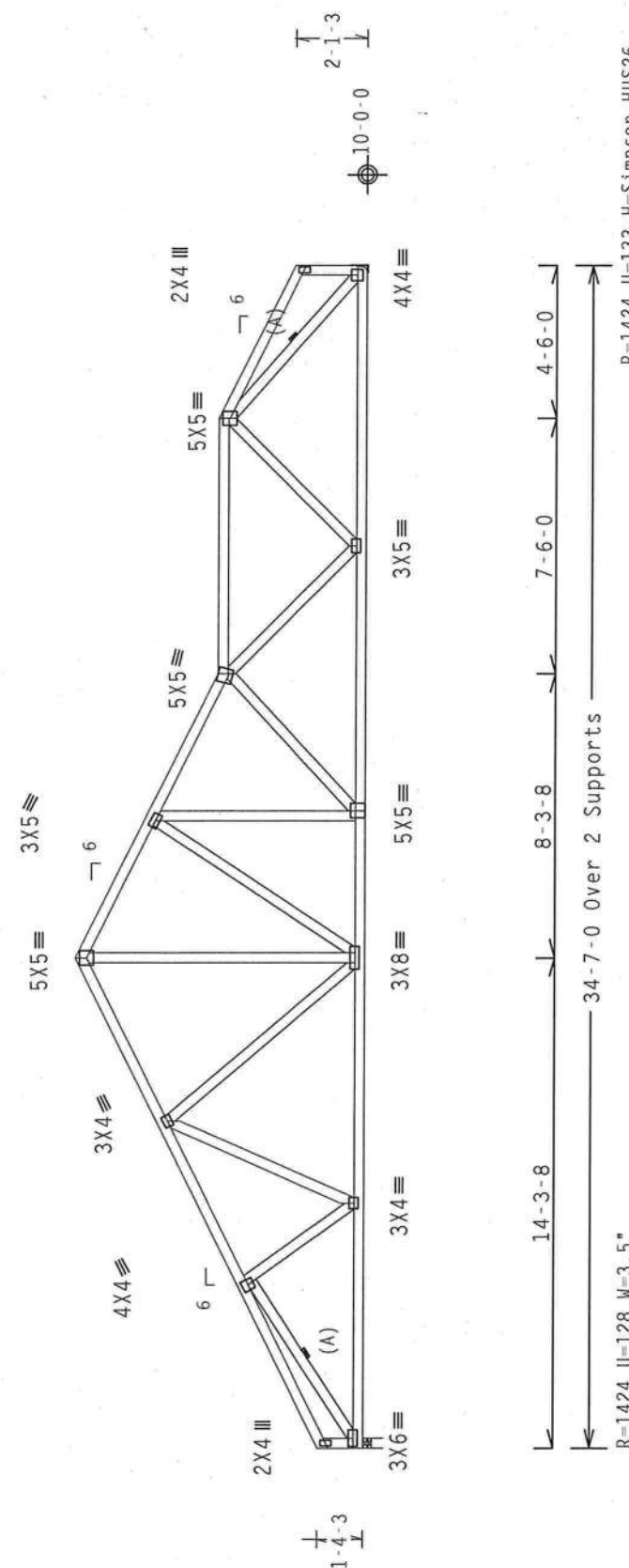
Deflection meets L/240 live and L/180 total load.

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 IC 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.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 8'-5"-15."



R=1424 U=128 W=3.5"
R=1424 U=133 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

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-- 23260
DATE	01/21/08
DRW	HCUSR215 08021034
HC-ENG	WHK/WHK
SEQN-	213091
FROM	CDM
JREF-	1TE9215_Z02

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 52202
JAMES L. COLLINS, JR.
Jan 21 08

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

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

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

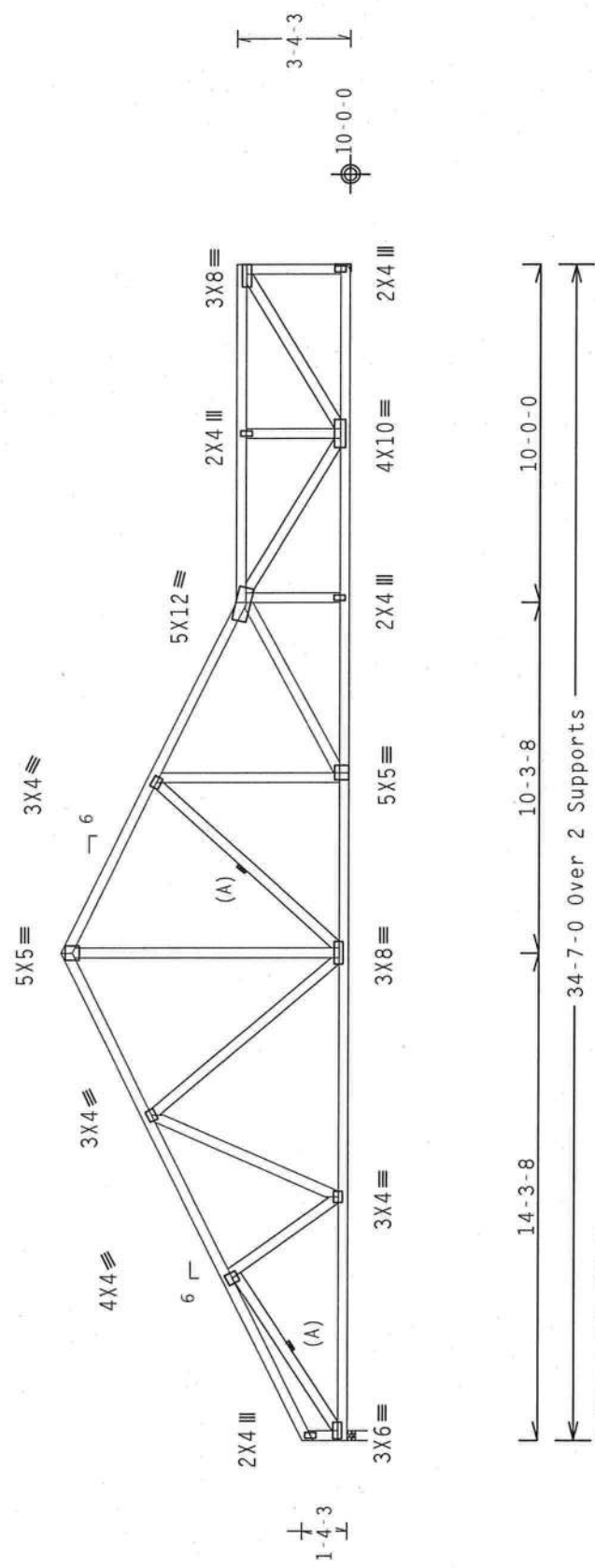
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

The overall height of this truss excluding overhang is 8'-5-15."



R=1424 U=140 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

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

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 21 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SS/2) 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 16DA-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) DESIGN MANUAL FOR STEEL CONSTRUCTION, 13TH EDITION, 2005. A SEAL ON THIS DESIGN SHOWS THE DESIGNER'S ACCEPTANCE OF THE DESIGN. THE DESIGNER'S ACCEPTANCE OF THE DESIGN DOES NOT CONSTITUTE A GUARANTEE OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

TC LL	20.0 PSF	REF	R215--	23261
TC DL	10.0 PSF	DATE	01/21/08	
BC DL	10.0 PSF	DRW	HCUSR215	08021035
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	213086	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE9215_Z02	

(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A46)

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

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

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

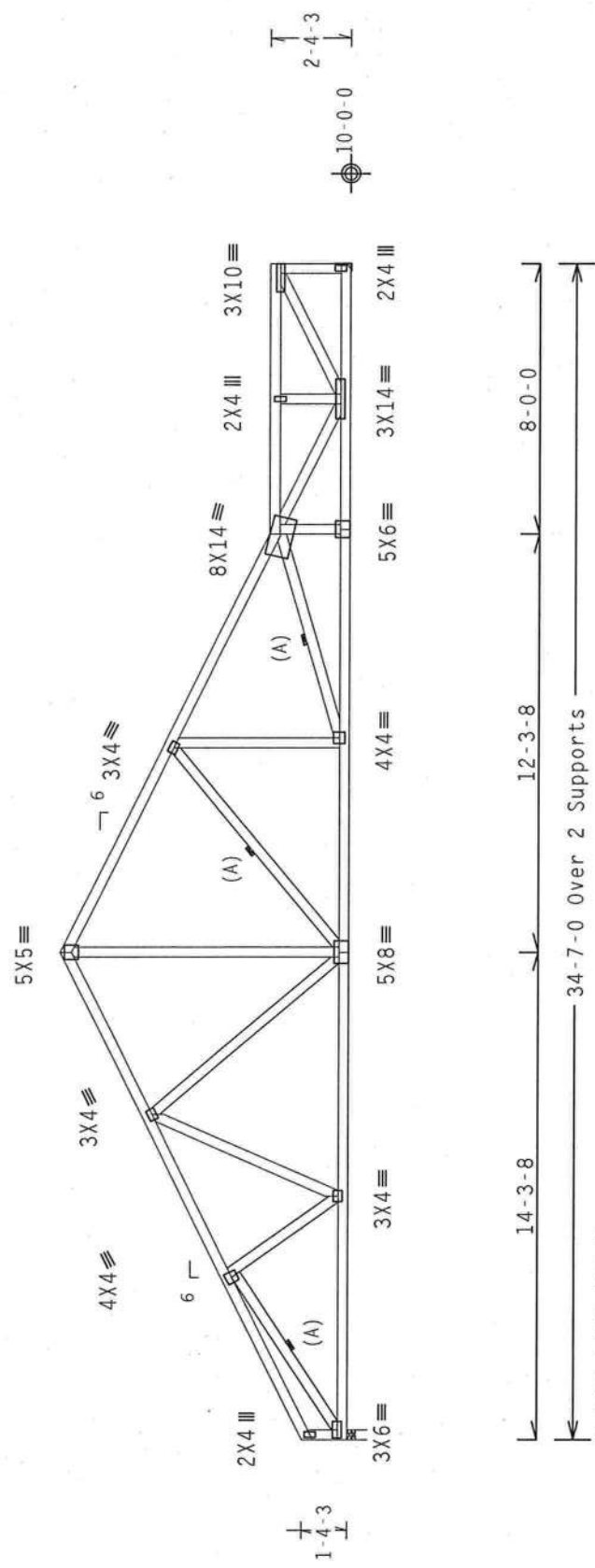
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

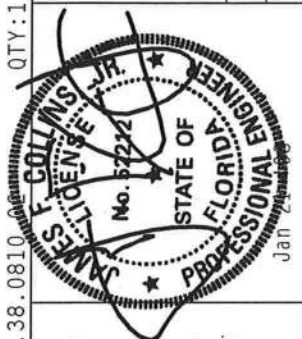
The overall height of this truss excluding overhang is 8'-5"-15."



R=1424 U=137 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

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-- 23262
TC DL	10.0 PSF	DATE 01/21/08
BC DL	10.0 PSF	DRW HCUSR215 08021036
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN- 213081
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE9215_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY PUBLICATION) PUBLISHED BY TPI, 11TH BCG, 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. 11TH 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 MDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. 11TH BCG CONNECTOR PLATES ARE MADE OF 2018/10GA (N-H/SS/K) ASTM A563 GRADE 40/60 (N- K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES 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, 15.25 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

End verticals not exposed to wind pressure.

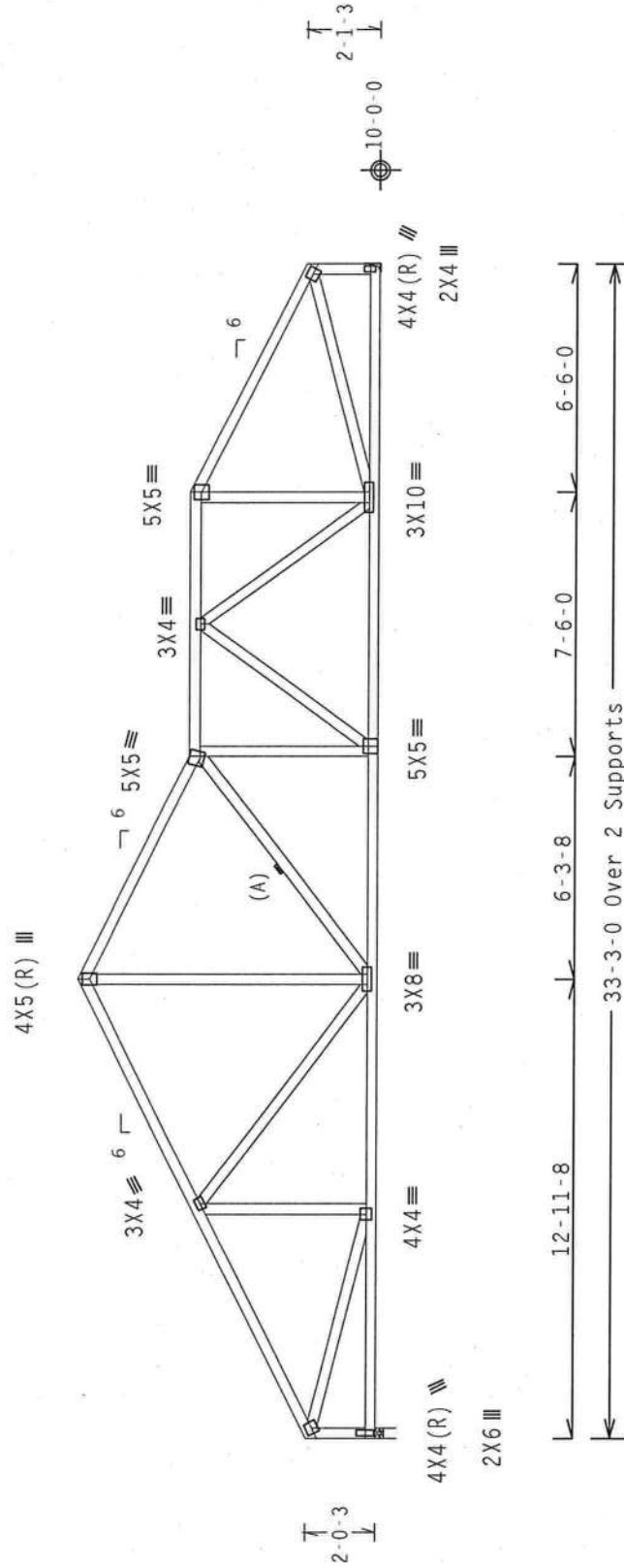
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Wind reactions based on MWFRS pressures.

(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 8-5-15.



R=1369 U=126 W=3.45"

R=1369 U=130 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2)2X6 min. So.Pine

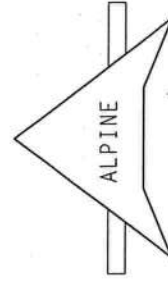
[illegible]

Design Crit: TPI-2002(STD)/FBC

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PAGES (SEE DISCREPANCY INFORMATION). PUBLISHED BY THE CHASSIS PLATE INSTITUTE, 618 NORTH LEE STREET SUITE 312, SANDHURST VA 22070, USA. COUNCIL OF AMERICA, 2001 ENTERPRISE LANE, HADISON, NJ 07619. FOR SAFETY PRACTICES PRIOR TO PERFORMANCE OF THESE UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BUILT-UPPING.

IMPORTANT—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY VARIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUUS IN CONFORMANCE WITH ITN BCG COMPONENTS WITH APPLICABLE PROVISIONS OF AISC (ASTM A583 GRADE 40/50, 43/55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUUS AND UNLESS OTHERWISE SPECIFIED, PER DRAMING PER DRAMINGS 160A-20-01. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF T711-2002 SEC. 2. DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1/1 SEC. 2.



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

Haines City, FL 33844
FL Certificate of Authorization # 0278

TC LL	20.0	PSF	REF	R215--	23263
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021037
BC LL	0.0	PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0	PSF	SEON-	213096	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215	Z02

(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - A48)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Bearing Leg 2x6 SP #2 N:

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. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-5-15.

3X4(R) 2X6 2X4(A1) 2X4 III

4-5-15 10-0-0 8-0-0

6 8-3-8 Over 2 Supports R=444 U=24 W=3.5 R=324 U=56 W=3.5

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY:13 FL/-/5/-/-/R/-

Scale = .5"/Ft.

REF R215-- 23264
DATE 01/21/08
DRW HCUSR215 08021038
HC-ENG WHK/WHK
SEQN- 213234
FROM CDM
JREF- 1TE9215_Z02

JAMES F. COLLINS, JR.
No. 51242
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 21 2008

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

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 4-5-15.

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

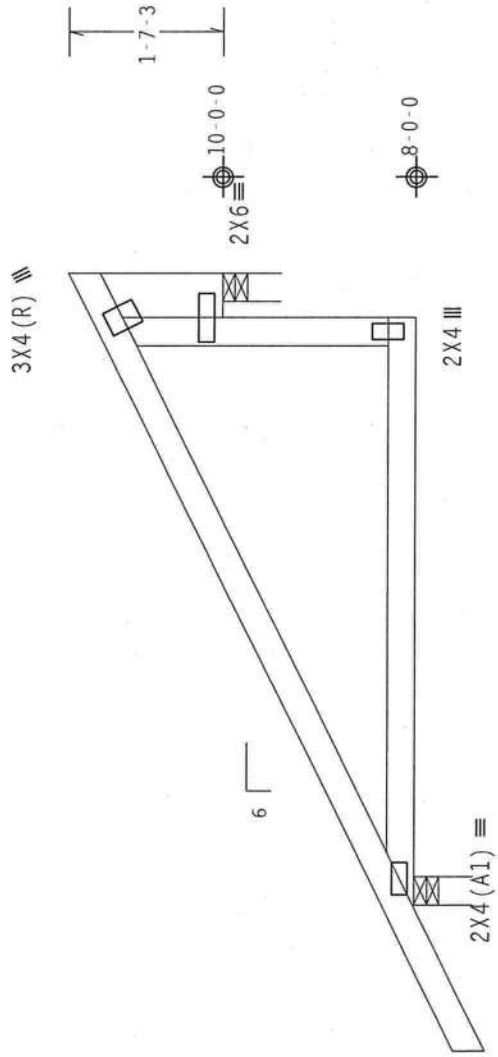
Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 4-5-15.

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-7-3.

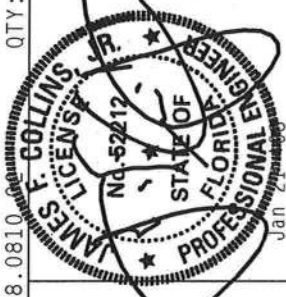


1'-6-0" 6'-6-0" Over 2 Supports R=247 U=43 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

TC LL	20.0 PSF	REF	R215--	23265
TC DL	10.0 PSF	DATE	01/21/08	
BC DL	10.0 PSF	DRW	HCUSR215 08021039	
BC LL	0.0 PSF	HC-ENG	WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	213237	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	11F9215_Z02	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. WITH THESE TRUSSES (INCLUDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAN INSTITUTE, 2100 NORTH LEE STREET, SUITE 100, WILSONVILLE, OREGON 97150), THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE, LOSS OR INJURY TO PERSONS OR PROPERTY. THE USER SHALL BE RESPONSIBLE FOR THE PROPER DESIGN, FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSSES. 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. TPI BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING TRUSSES.

ALPINE

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

(5194--/Hollingswoth Residence /Contractor -- LAKE CITY, FL - A50)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Bearing Leg 2x6 SP #2 N:

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 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-5-15.

PLT TYP. Wave

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

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

TC LL	20.0 PSF	REF R215--	23266
TC DL	10.0 PSF	DATE	01/21/08
BC DL	10.0 PSF	DRW HCUSR215	08021040
BC LL	0.0 PSF	HC-ENG WHK/WHK	
TOT.LD.	40.0 PSF	SEQN-	213240
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TE9215_Z02

ALPINE

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

STATE OF FLORIDA
PROFESSIONAL ENGINEER
JANIS F. COLLINS, JR.
No. 57210
EXPIRATION DATE 12/31/2010

Jan 21, 2008

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 216 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 2016T106A (41/55K) ASTM A563 GRADE 40/60 (4. K/H.SS) GALV. STEEL. APPLY CONNECTOR PLATES TO ALL JOINTS. UNLESS OTHERWISE INDICATED, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY SHOWN. UNLESS OTHERWISE INDICATED, POSITION PER DRAWINGS 100A-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.

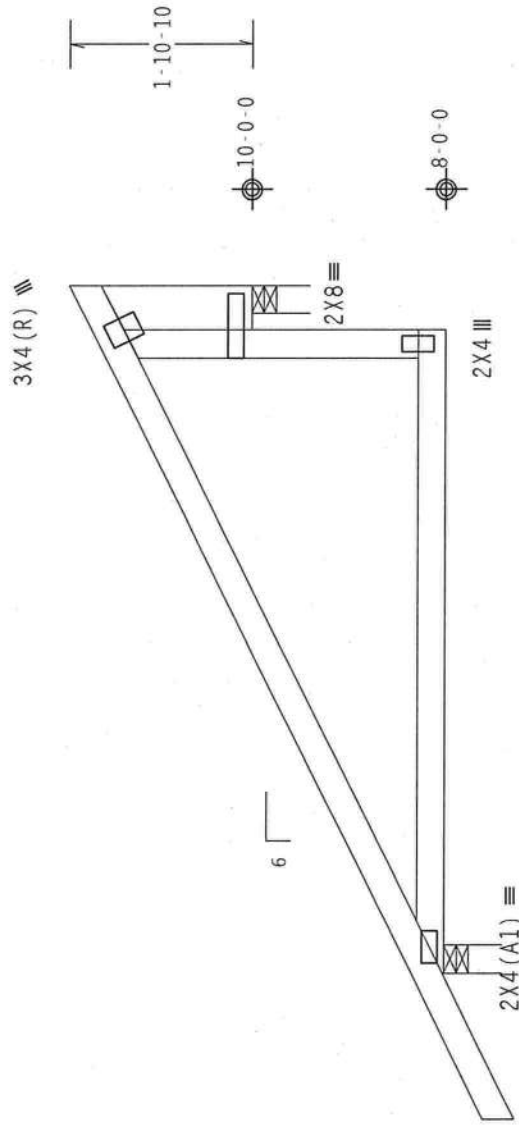
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
 webs 2x4 SP #2 N
:Rt Bearing Leg 2x6 SP

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.

The overall height of this truss excluding overhang is 3-10-10.

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



1-6-0

7-0-15 Over 2 Supports

R=272 U=47 W=3.45"

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

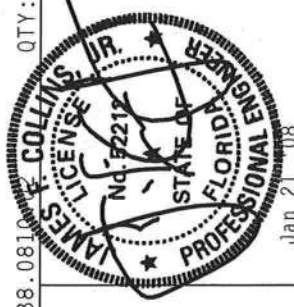
PLT TYP. Wave

OTY·1

FI 1 - 151 - 1 - 1B / -

$$\text{Scale} = 5''/\text{ft} +$$

TC LL	20.0	PSF	REF	R215--	23267
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021041
BC LL	0.0	PSF	HC-ENG WHK/WHK		
TOT.LD.	40.0	PSF	SEQN-	213243	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	



Jan 21 08

****WARNING**** FLOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND IMAGING. NEVER EXPOSE FLOSSES TO EXCESSIVE HEAT. FOR SAFETY INFORMATION, PUBLISHED BY TRUSS PLATE INSTITUTE, 2100 NORTH LEXINGTON AVENUE, SUITE 200, NEW YORK, NY 10028. (800) 368-3343. (212) 490-1100. MISS GONZALEZ OF AMERICA, 400 ENTERPRISE LANE, WOODSTOCK, NY 52719. FOR SAFETY REASONS, FLOSSES MUST BE PROPERLY IDENTIFIED. 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 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., IF APPLICABLE), AISC (NATIONAL SPECIFICATION FOR BRACING OF MEMBERS), AND AISC (NATIONAL SPECIFICATION FOR COMPOSITE CONCRETE-FRAME JOINTS). CORROSION RESISTANT PLATES ARE MADE OF 7018/18/16GA (40/50/55KSI) ASTM A563 GRADE 40/50 (40/50/55) GALV. STEEL, APPLIED 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 AISC 434 OF 1991-2002 SEC.2.2. 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 AISC 434/1991-2002 SEC.2.



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

Haines City, FL 33844
FL Certificate of Authorization # 0278

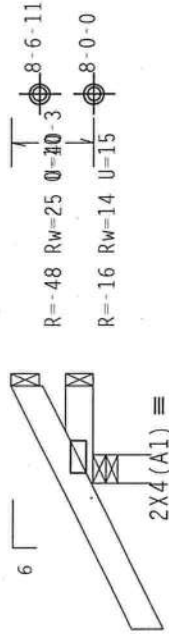
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 0-10-3.

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

Wind reactions based on MWFRS pressures.



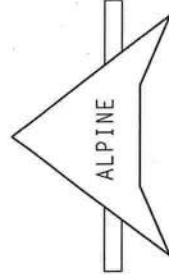
1-6-0
1-0-0 Over 3 Supports
R=240 U=49 W=3.5"

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

QTY: 14 FL/-/5/-/-/R/- Scale = .5"/Ft.

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (44/55X7) ASTM A653 GRADE 40/60 (44, 44/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY THE INSTALLATION CONTRACTOR. MAKE SURE THIS 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.

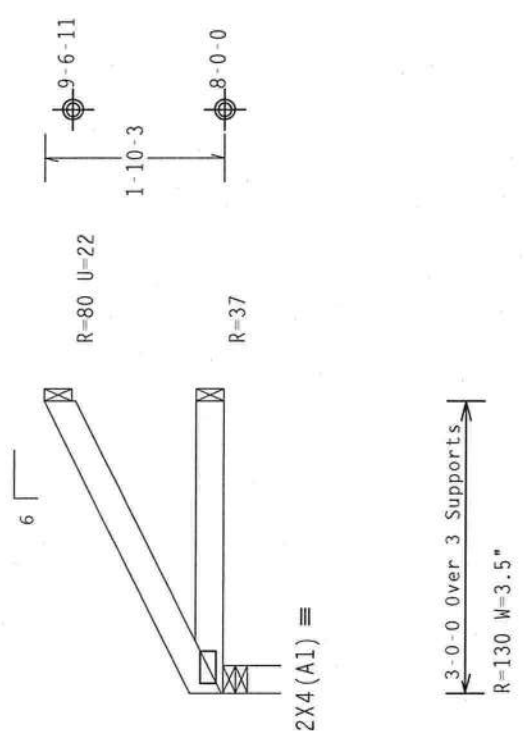


ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278



TC LL	20.0 PSF	REF R215--	23268
TC DL	10.0 PSF	DATE	01/21/08
BC DL	10.0 PSF	DRW	HCUSR215 08021042
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEON-	213203
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TE9215_Z02

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 1-10-3.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 Gcpl(+/-)=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)

7.38-0810

QTY:1

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

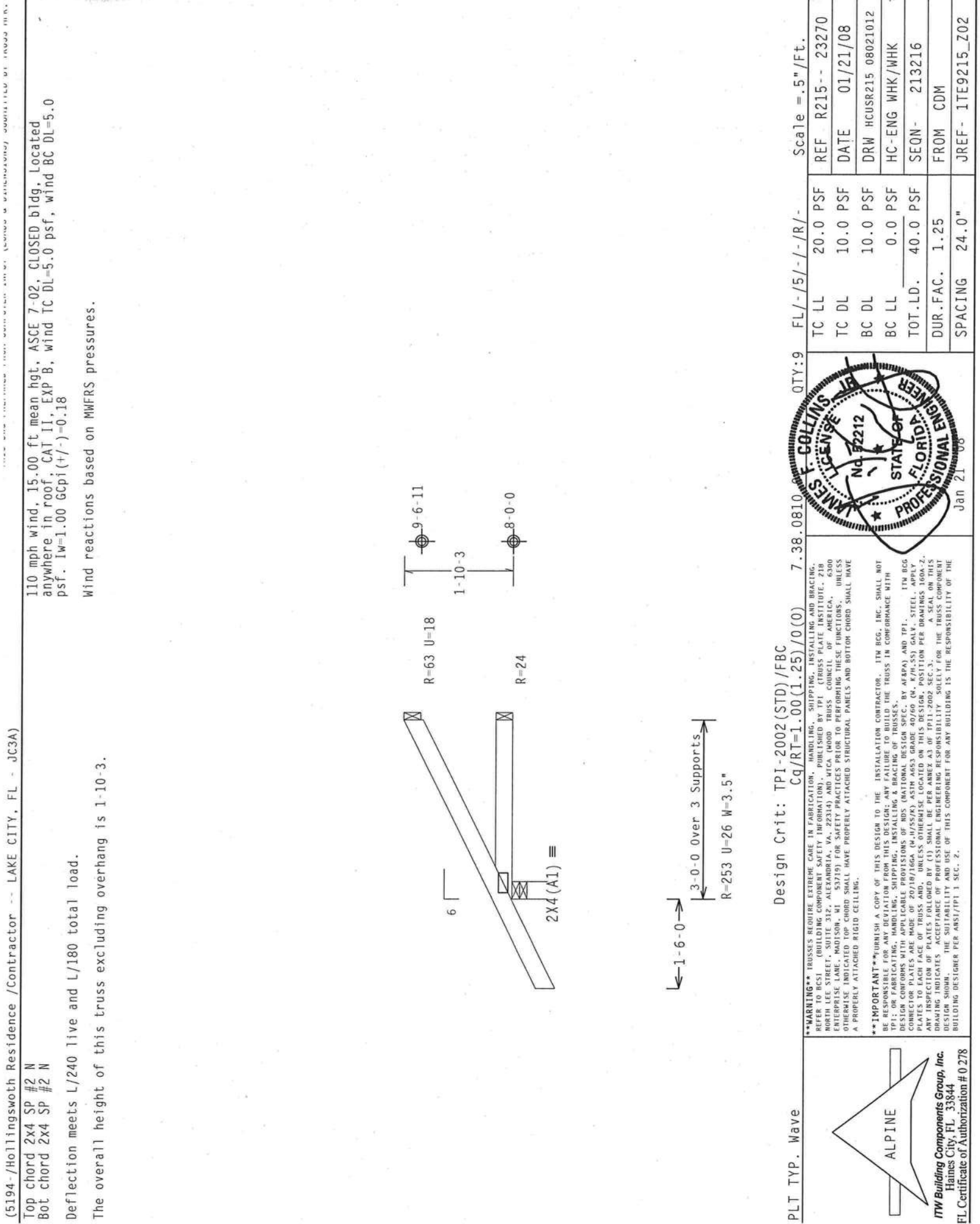
Scale =.5"/Ft.

James F. Collins
Professional Engineer
State of Florida
License No. 152212
Jan 2008

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

REF	R215--	23269
DATE	01/21/08	
DRW	HCUSR215	08021011
HC-ENG	WHK/WHK	*
SEON-	213228	
FROM	CDM	
JREF-	1TE9215_Z02	

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



(5194--/Hollingsworth Residence /Contractor -- LAKE CITY, FL - JC3A)

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 1-10-3.

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

Scale =.5"/Ft.

PLT TYP. Wave

REF R215-- 23270

DATE 01/21/08

DRW HCUSR215 08021012

HC-ENG WHK/WHK

SEQN- 213216

FROM CDM

JREF- 1TE9215_Z02

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"

QTY:9

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

James F. Collins, Jr.

Professional Engineer

State of Florida

Jan 21 08

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization #0278

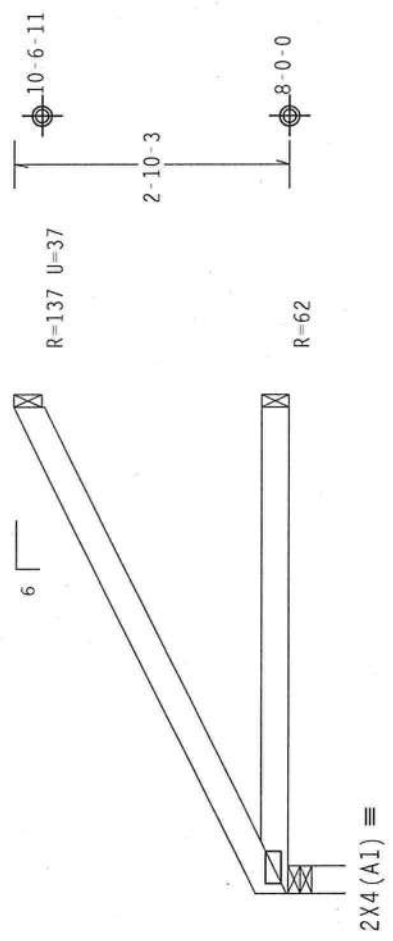
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 2-10-3.

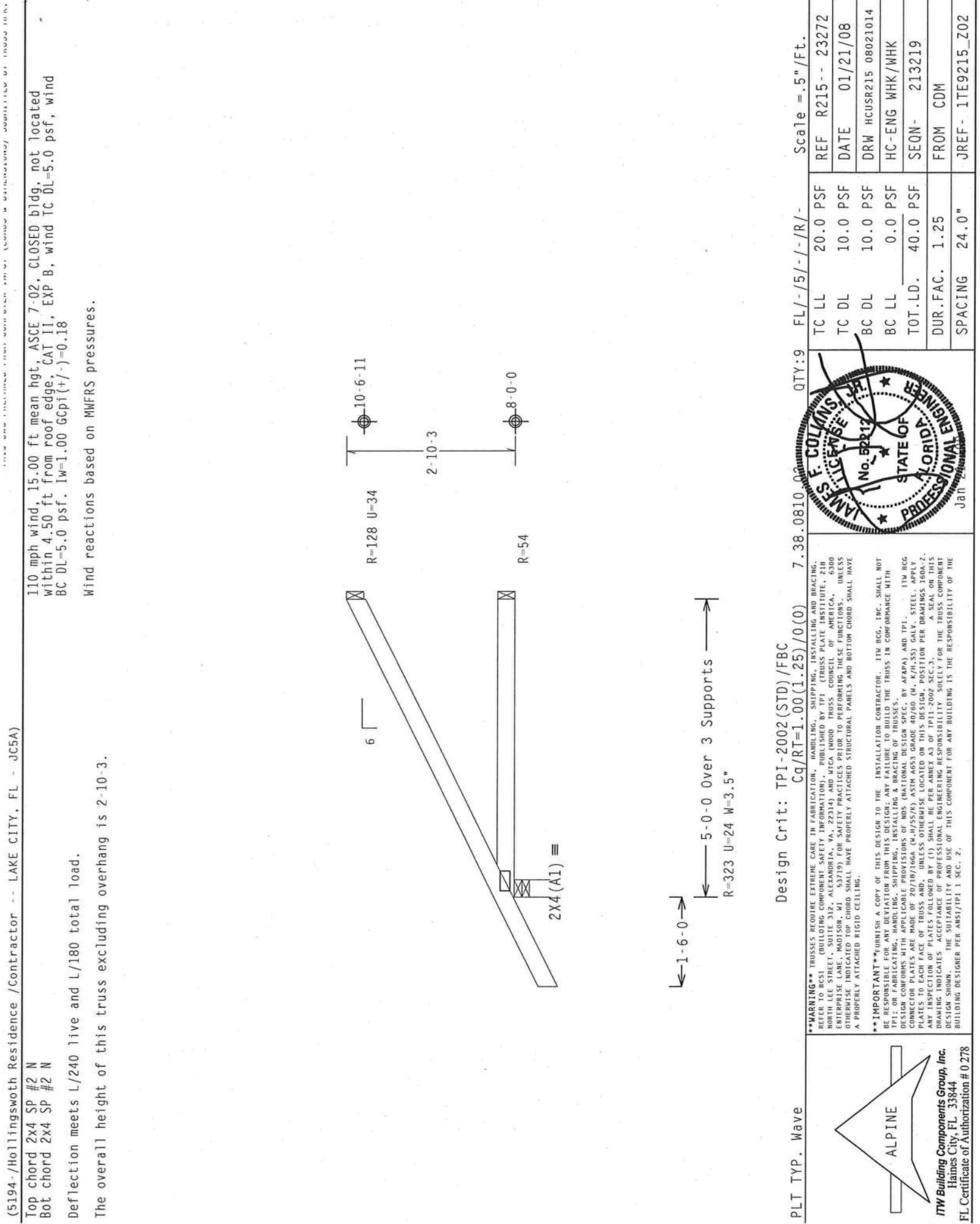
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



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

PLT TYP. Wave	QTY: 1		FL/-/5/-/-/R/-		Scale = .5"/Ft.	
	TC LL	20.0 PSF	REF	R215--	23271	
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	TC DL	10.0 PSF	DATE	01/21/08		
	BC DL	10.0 PSF	DRW	HCUSR215	08021013	
ALPINE ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	BC LL	0.0 PSF	HC-ENG	WHK/WHK	*	
	TOT.LD.	40.0 PSF	SEON-	213231		
JAMES COLLINS JR. FLORIDA PROFESSIONAL ENGINEER No. 32272 Jan 21 08	DUR.FAC.	1.25	FROM	CDM		
	SPACING	24.0"	JREF-	1TE9215_Z02		



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - JC5A)

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 2-10-3.

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

Wind reactions based on MWFRS pressures.

Design Crit: TPI-2002 (STD) /FBC

PLT TYP. Wave	Cq/RT=1.00(1.25)/0(0)		7.38.0810.00	QTY:9	FL/-/5/-/-/R/-	Scale = .5"/Ft.
	REF	R215--	23272	TC LL	20.0 PSF	
ALPINE ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	DATE	01/21/08	TC DL	10.0 PSF		
	DRW	HCUSR215 08021014	BC DL	10.0 PSF		
JAMES F. COLLINS PROFESSIONAL ENGINEER STATE OF FLORIDA No. 80212 Jan 2008	HC-ENG	WHK/WHK	BC LL	0.0 PSF		*
	SEON-	213219	TOT.LD.	40.0 PSF		
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	DUR.FAC.	1.25				
	SPACING	24.0"				
JREF-		1TE9215_Z02				

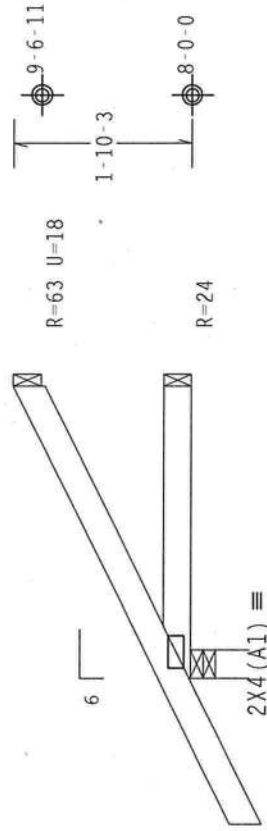
Top chord	2x4	SP	#2 N
Bot chord	2x4	SP	#2 N

110 mph wind, 15.00 ft mean ht, ASCE 7-02, CLOSED bldg, 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 1-10-3.



$\leftarrow 1-6-0 \rightarrow$
 $\leftarrow 3-0-0 \text{ Over 3 Supports} \rightarrow$
 $R=253 \quad U=26 \quad W=3.5"$

Design Crit: TPI-2002(STD)/FBC

[illegible]

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 218 ENTERPRISE BLVD., ALEXANDRIA, VA, 22314) AND WCA (WOOD COUNCIL OF AMERICA, 6300 WOODVIEW BLVD., WOODSTOCK, VA, 22664) FOR BEST PRACTICES RELATIVE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR COORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BRACING SHALL HAVE PROPERLY ATTACHED BRACING.

****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 IPT-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONTRACTOR MUST PROVIDE PROVISIONS OF ROOF (ASTM DESIGN SPEC., BY ACIPFA) AND TPI. ITW BCG WILL SUPPLY ALL CABLE PROVISIONS OF ROOF (ASTM DESIGN SPEC. 60 (14'-X/8") GALV. STEEL, APPLY CORROSION RESISTANT PLATES, MODIFIED UNLESS OTHERWISE INDICATED). PER THE 2ND SEC. 3.

PLATES TO EACH FACE OF THE TRUSS UNLESS OTHERWISE INDICATED.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A3 OF IPT-1 2002 SEC. 3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING SOLUTION FOR THE TRUSS COMPONENT BEING SHOWN.

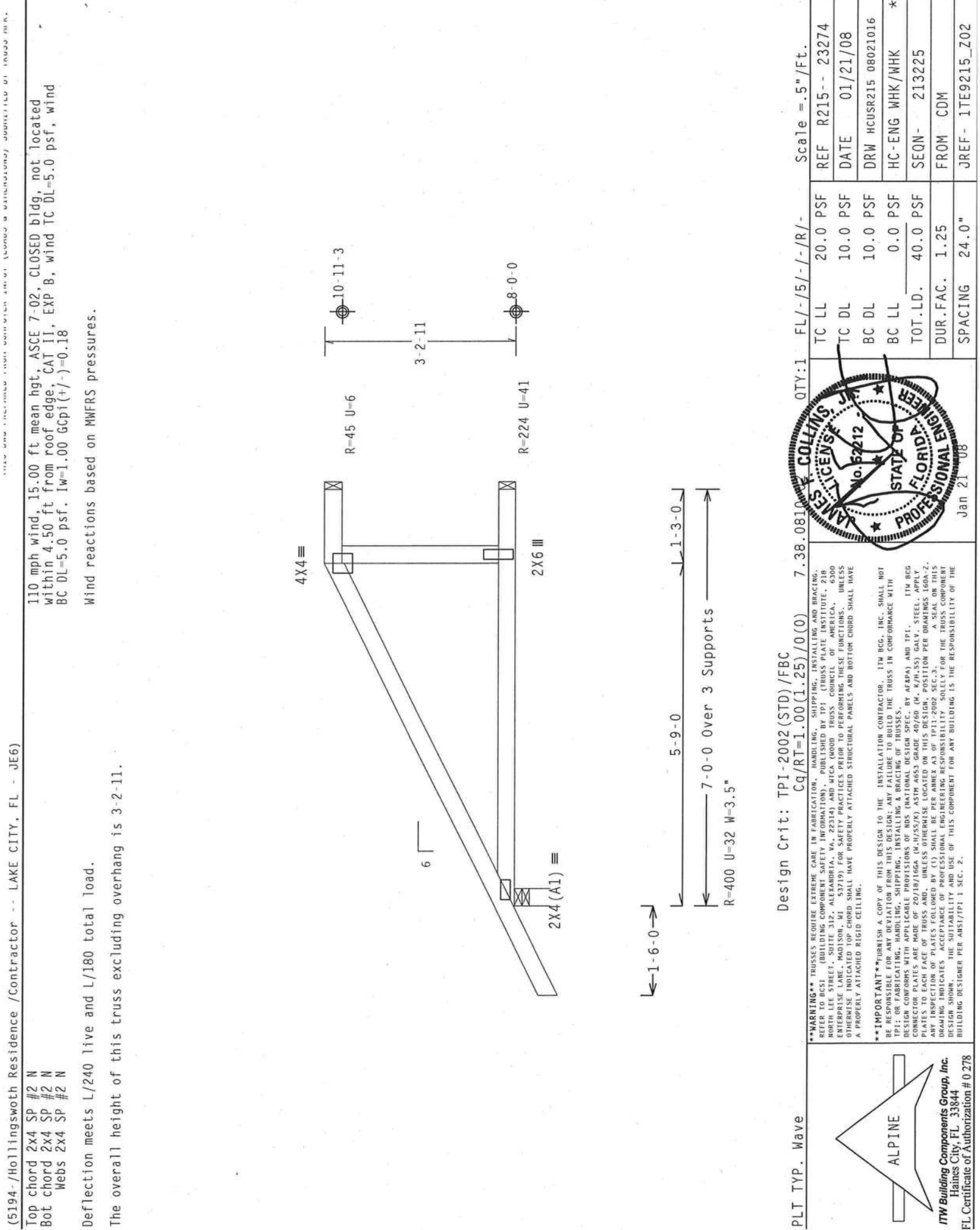
THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANXI/TPI 1 SEC. 2.



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

Haines City, FL 33844
FL Certificate of Authorization #0278

TC LL	20.0	PSF	REF	R215--	23273
TC DL	10.0	PSF	DATE	01/21/08	
BC DL	10.0	PSF	DRW	HCUSR215	08021015
BC LL	0.0	PSF	HC-ENG	WHK/WHK *	
TOT.LD.	40.0	PSF	SEQN-	213207	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE9215_Z02	



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - JE6)

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'-2"-11".

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.

Scale = .5" / Ft.

QTY: 1

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

REF R215 - 23274

DATE 01/21/08

DRW HCUSR215 08021016

HC-ENG WHK / WHK *

SEQN - 213225

FROM CDM

JREF - 1TE9215_Z02

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

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"

ALPINE

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

FL Certificate of Authorization # 0278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 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/ASCE) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4.4/55/K) ASTM A653 GRADE 40/60 (4.4/55) 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 AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SIGNIFIES THE ACCEPTANCE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - JE7)

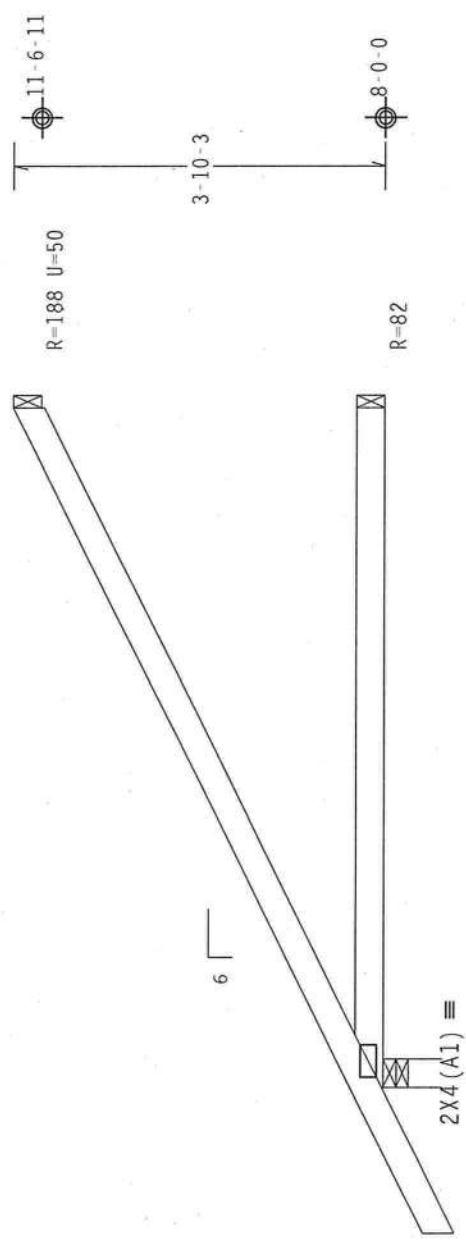
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3-10-3.

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

Wind reactions based on MWFRS pressures.



7-0-0 Over 3 Supports
R=400 U=25 W=3.5"

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

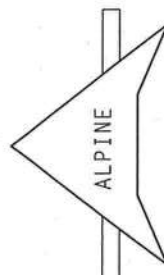
Scale = .5"/Ft.

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--	23275
DATE	01/21/08	
DRW	HCUSR215	08021017
HC-ENG	WHK/WHK	*
SEQN-	213222	
FROM	CDM	
JREF-	1TE9215_Z02	

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

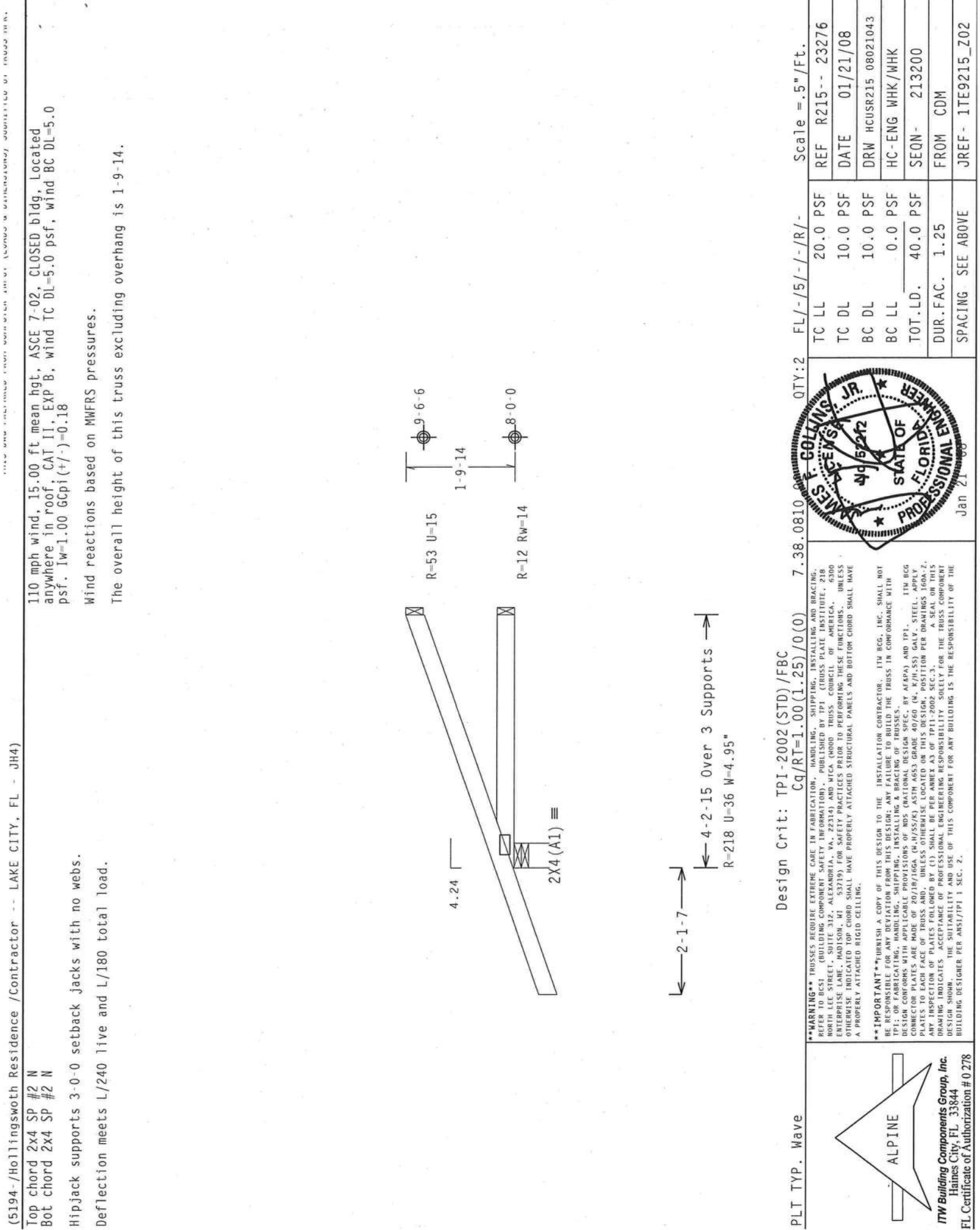
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M-H/SS/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. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE DESIGNER'S ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE DESIGNER'S SIGNATURE AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 0278

PLT TYP. Wave



(5194-/Hollingsworth Residence /Contractor -- LAKE CITY, FL - JH4)

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

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

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

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, $I_w=1.00$ $G_{cpl}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 1-9-14.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Scale = .5"/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	SEE ABOVE

QTY: 2

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

REF R215-- 23276

DATE 01/21/08

DRW HCUSR215 08021043

HC-ENG WHK/WHK

SEQN- 213200

FROM CDM

JREF- 1TE9215_Z02

4-2-15 Over 3 Supports

R=218 U=36 W=4.95"

4.24

2X4 (A1)

2-1-7

4-2-15 Over 3 Supports

R=218 U=36 W=4.95"

4-2-15 Over 3 Supports

R=218 U=36 W=4.95"

4-2-15 Over 3 Supports

R=218 U=36 W=4.95"

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

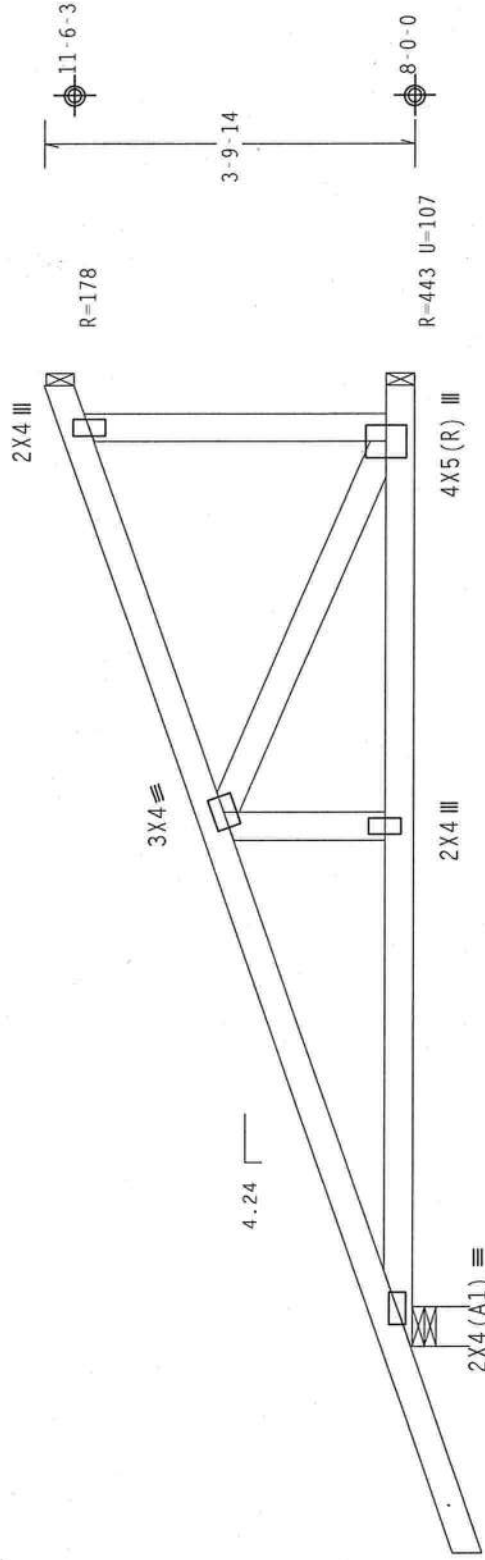
Hipjack supports 7-0-0 setback jacks with no webs.

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 3-9-14.



2-1-7
9-10-13 Over 3 Supports
R=461 U=55 W=4.95

Design Crit: TPI-2002(STD)/FBC

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

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, 22314) AND NCA (NATIONAL 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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FL Certificate of Authorization # 0278



TC LL	20.0 PSF	REF R215-- 23277
TC DL	10.0 PSF	DATE 01/21/08
BC DL	10.0 PSF	DRW HCUSR215 08021044
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEON- 213213
DUR.FAC.	1.25	FROM CDM
SPACING	SEE ABOVE	JREF- 1TE9215_Z02

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"

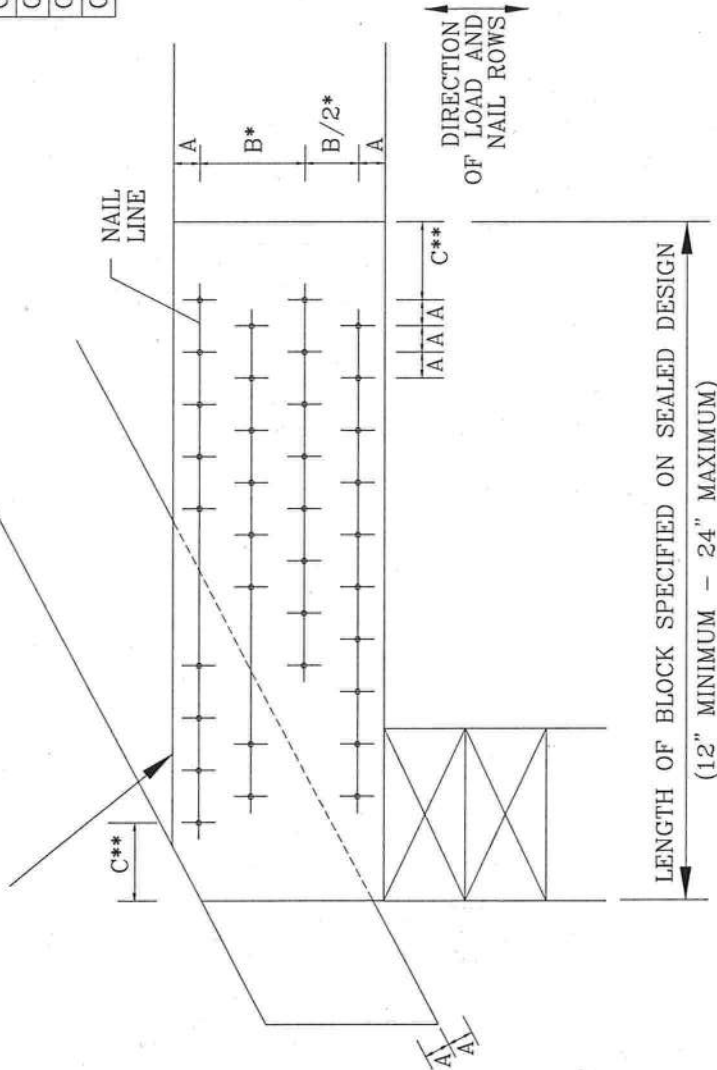
MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- 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 (Fe-perp) IS AT LEAST THAT OF THE CHORD.



THIS DRAWING REPLACES DRAWING B139 AND CNBRGLK0699



ALPINE
BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN TO BUILD THE TRUSS IN ANY MANNER OTHER THAN AS SHOWN. THE USER OF THIS DESIGN SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE BEARING BLOCK. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE BEARING BLOCK. THE USER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE DESIGN OF THE BEARING BLOCK.

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THIS DRAWING REPLACES DRAWING B139 AND CNBRGLK0699

REF	BEARING BLOCK
DATE	2/23/07
DRWG	CNBRGLK0207
-ENG	SJP/KAR

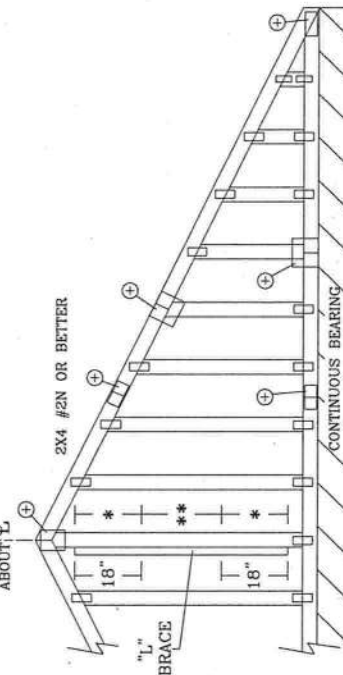
STATE OF FLORIDA
PROFESSIONAL ENGINEER
JAMES E. COLLINS JR.
LICENSE NO. 1
NO. 52212

[illegible]

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600'
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL WEB.



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

+ REFER TO COMMON TRUSS DESIGN FOR
PEAK SPICE AND HEEL PLATES

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0"

OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.

IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.

*** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.

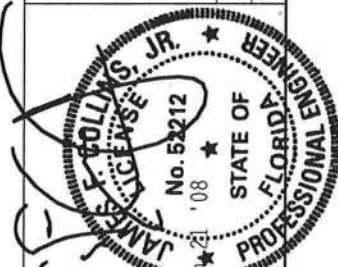
IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GROUP A:			
SPRUCE-PINE-FIR		HEM-FIR	
#1	#2	#2	STUD
	STANDARD	#3	STANDARD
#3	STUD		
DOUGLAS FIR-LARCH			
#3		SOUTHERN PINE	
	STUD	#3	STUD
	STANDARD		STANDARD

GROUP B:	
HEM-FIR	
#1 & BTR	#1
SOUTHERN PINE	
#1	#1
#2	#2
DOUGLAS FIR-LARCH	
	#1
	#2

REF	ASCE7-02-GAB11015
DATE	2/23/07
DRWG	A11015EE0207
	-ENG
MAX. TOT. LD. 60 PSF	
MAX. SPACING 24.0"	



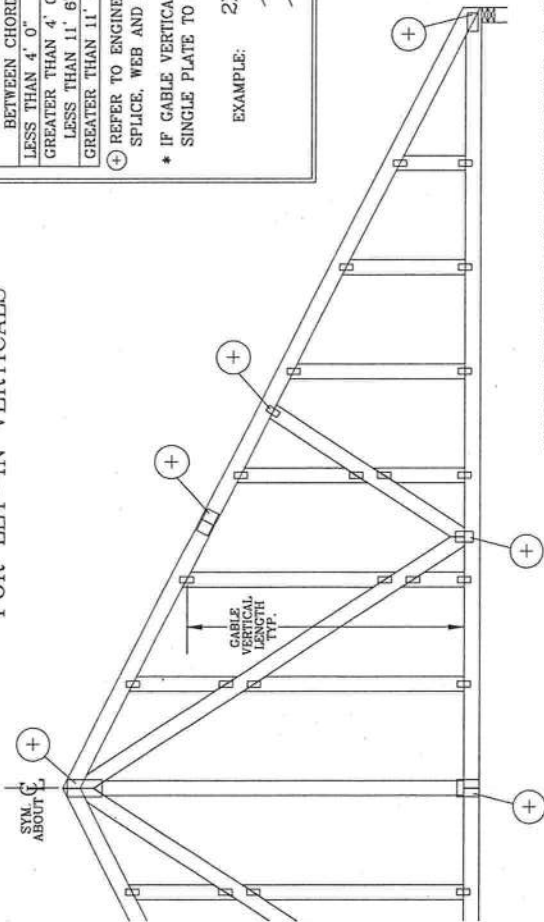
• **WARNING:** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER, FOR ALL PRECAUTIONS. IN THE U.S., CONTACT THE AMERICAN INSTITUTE, 2108 N. LEE ST., SUITE 312, ALEXANDRIA, VA 22314, AND WCA WOOD TRUSS CO., LTD., 1000 W. 10TH ST., SUITE 100, MINNEAPOLIS, MN 55408. IN CANADA, CONTACT THE CANADIAN INSTITUTE, 6300 ENTERPRISE LN., MISSISSAUGA, ONT. L4V 1V7. FOR SAFETY PRACTICES PRIOR TO PERFORMING THE SEVERAL STEPS OF THIS PROCEDURE, SEE THE WCA WOOD TRUSS CO. LITERATURE. THE SEVERAL STEPS OF THIS PROCEDURE ARE NOT TO BE CONSIDERED A SUBSTITUTE FOR THE SEVERAL STEPS OF THE WCA WOOD TRUSS CO. LITERATURE. WITHOUT OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN CONDITIONS WILL BE AT THE INSTALLATION CONTRACTOR'S RISK. THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPECIFICATION FOR STEEL CONNECTIONS. STEEL CONNECTOR PLATES ARE MADE OF 20/18/16GA USS/A572/A53 GRADE 40/50 (A/AS/SSS) GALVALY. STEEL CONNECTOR 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 IPT 1-1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL DESIGNER'S DESIGN. THE SEAL INDICATES THAT THE DESIGNER HAS REVIEWED THE DESIGN, THE SUITABILITY AND THE RESPONSIBILITY OF ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANNEX I/PT 1 SEC. 2.



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

GABLE DETAIL FOR LET-IN VERTICALS

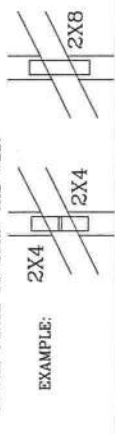


GABLE VERTICAL PLATE SIZES

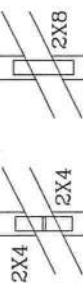
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
GREATER THAN 4' 0"	1X4 OR 2X3	2X8
LESS THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPICE, WEB AND HEEL PLATES.



EXAMPLE:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

10d COMMON (0.148" X 3.1" MIN) TOENAILS AT 4" O.C. PLUS

(4) 16d COMMON (0.182" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS

(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS

A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207,

A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

ASCE 7-98 GABLE DETAIL DRAWINGS

A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08015EC0207,

A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08030EC0207

ASCE 7-02 GABLE DETAIL DRAWINGS

A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08015EE0207,

A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08030EE0207

ASCE 7-05 GABLE DETAIL DRAWINGS

A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08015E50207,

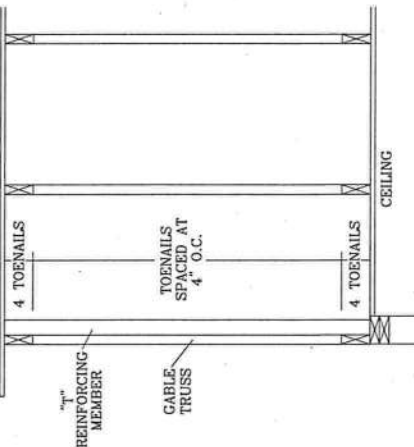
A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08030E50207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI

WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE

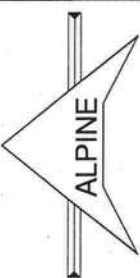
VERTICAL LENGTH.

RIGID SHEATHING



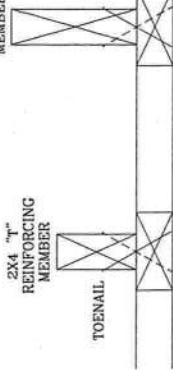
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY) INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND VITCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., 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 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 TRUSSES 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. ALL CONNECTIONS PLATES ARE MADE OF 2018/16GA (24/18/22) ASTM A653 GRADE 40/60 (KYNAR) (HSS) (LVL) BEAMS. CONNECTIONS ARE TO BE MADE TO THE TRUSS CHORDS. THE TRUSSES ARE TO BE USED IN THE DESIGN POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES LOCATED ON THE TRUSS CHORDS SHALL BE MADE BY THE TRUSS MANUFACTURER. 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.
POMPANO BEACH, FLORIDA

2X8 "T" REINFORCING MEMBER



2X4 "T" REINFORCING MEMBER



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINFORCING MEMBER SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC26294035

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLLETIN0207
-ENG	DLJ/KAR

MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX 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:

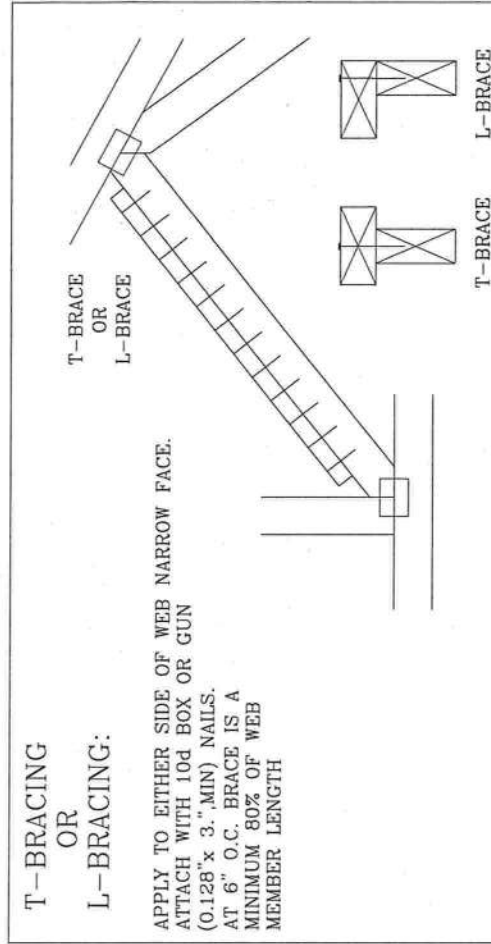
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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(*)

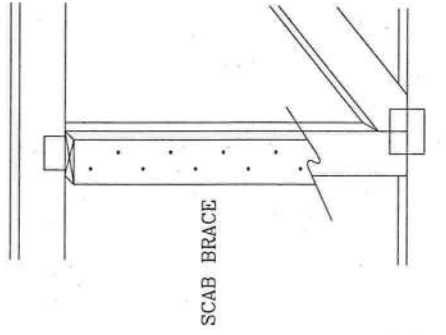
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.



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

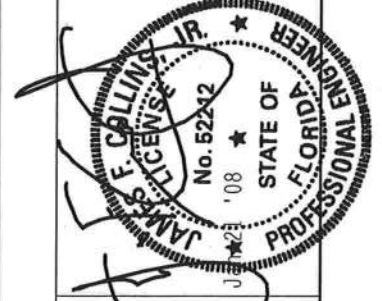


THIS DRAWING REPLACES DRAWING 579.640

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND WTCA (WOOD TRUSS COUNCIL OF 6300 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL BE DESIGNED TO BE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			



ITV BUILDING COMPONENTS GROUP, INC.
POMPAHO BEACH, FLORIDA

COLUMBIA COUNTY, FLORIDA

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 15-3S-16-02126-003

Building permit No. 000026660

Use Classification SFD, UTILITY

Fire: 70.62

Permit Holder DONALD HOLLINGSWORTH

Waste: 184.25

Owner of Building DONALD HOLLINGSWORTH

Total: 254.87

Location: 3192 NW MOORE RD., LAKE CITY, FL

Date: 11/18/2008

Wayne D. Russ

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



Residential System Sizing Calculation

Summary

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

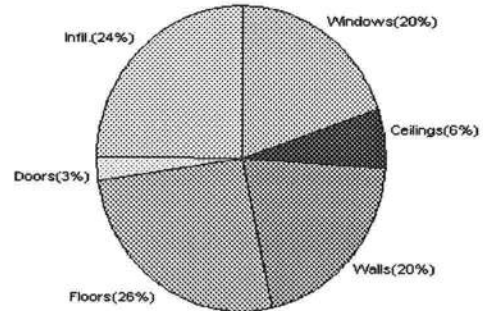
1/14/2008

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	49414 Btuh	Total cooling load calculation	38724 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.4 58000	Sensible (SHR = 0.55)	101.2 31900
Heat Pump + Auxiliary(0.0kW)	117.4 58000	Latent	362.3 26100
		Total (Electric Heat Pump)	149.8 58000

WINTER CALCULATIONS

Winter Heating Load (for 2706 sqft)

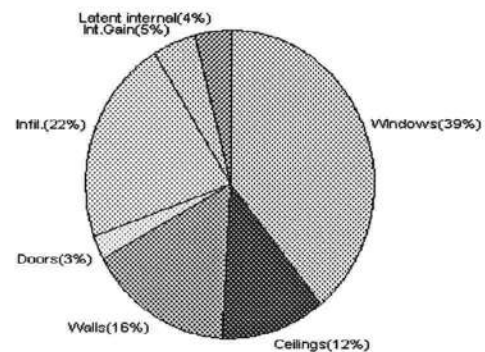
Load component		Load	
Window total	306 sqft	9837	Btuh
Wall total	3066 sqft	10069	Btuh
Door total	100 sqft	1295	Btuh
Ceiling total	2706 sqft	3189	Btuh
Floor total	297 sqft	12967	Btuh
Infiltration	298 cfm	12057	Btuh
Duct loss		0	Btuh
Subtotal		49414	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		49414	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2706 sqft)

Load component		Load	
Window total	306 sqft	15212	Btuh
Wall total	3066 sqft	6153	Btuh
Door total	100 sqft	980	Btuh
Ceiling total	2706 sqft	4481	Btuh
Floor total		0	Btuh
Infiltration	153 cfm	2854	Btuh
Internal gain		1840	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		31520	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		5604	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1600	Btuh
Total latent gain		7204	Btuh
TOTAL HEAT GAIN		38724	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE:

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

1/14/2008

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

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
2	2, Clear, Metal, 0.87	NW	17.3		32.2	557 Btuh
3	2, Clear, Metal, 0.87	W	10.0		32.2	322 Btuh
4	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
5	2, Clear, Metal, 0.87	N	10.0		32.2	322 Btuh
6	2, Clear, Metal, 0.87	NW	60.0		32.2	1931 Btuh
7	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
8	2, Clear, Metal, 0.87	NE	15.0		32.2	483 Btuh
9	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
10	2, Clear, Metal, 0.87	SE	25.0		32.2	805 Btuh
11	2, Clear, Metal, 0.87	SE	10.0		32.2	322 Btuh
12	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
13	2, Clear, Metal, 0.87	SE	5.0		32.2	161 Btuh
14	2, Clear, Metal, 0.87	SE	25.0		32.2	805 Btuh
15	2, Clear, Metal, 0.87	SE	10.0		32.2	322 Btuh
16	2, Clear, Metal, 0.87	SW	30.0		32.2	966 Btuh
Window Total			306(sqft)			9837 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2646		3.3	8690 Btuh
2	Frame - Wood - Adj(0.09)	13.0	420		3.3	1379 Btuh
Wall Total			3066			10069 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
2	Insulated - Adjacent		20		12.9	259 Btuh
3	Insulated - Exterior		40		12.9	518 Btuh
Door Total			100			1295Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic(D/Shin)	30.0	2706		1.2	3189 Btuh
Ceiling Total			2706			3189Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	297.0 ft(p)		43.7	12967 Btuh
Floor Total			297			12967 Btuh
Zone Envelope Subtotal:						37357 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.66	27060		297.7	12057 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					49414 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

1/14/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	49414 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	49414 Btuh

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

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

1/14/2008

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

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
2	2, Clear, Metal, 0.87	NW	17.3		32.2	557 Btuh
3	2, Clear, Metal, 0.87	W	10.0		32.2	322 Btuh
4	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
5	2, Clear, Metal, 0.87	N	10.0		32.2	322 Btuh
6	2, Clear, Metal, 0.87	NW	60.0		32.2	1931 Btuh
7	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
8	2, Clear, Metal, 0.87	NE	15.0		32.2	483 Btuh
9	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
10	2, Clear, Metal, 0.87	SE	25.0		32.2	805 Btuh
11	2, Clear, Metal, 0.87	SE	10.0		32.2	322 Btuh
12	2, Clear, Metal, 0.87	SE	13.3		32.2	428 Btuh
13	2, Clear, Metal, 0.87	SE	5.0		32.2	161 Btuh
14	2, Clear, Metal, 0.87	SE	25.0		32.2	805 Btuh
15	2, Clear, Metal, 0.87	SE	10.0		32.2	322 Btuh
16	2, Clear, Metal, 0.87	SW	30.0		32.2	966 Btuh
Window Total			306(sqft)			9837 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2646		3.3	8690 Btuh
2	Frame - Wood - Adj(0.09)	13.0	420		3.3	1379 Btuh
Wall Total			3066			10069 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
2	Insulated - Adjacent		20		12.9	259 Btuh
3	Insulated - Exterior		40		12.9	518 Btuh
Door Total			100			1295Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	2706		1.2	3189 Btuh
Ceiling Total			2706			3189Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	297.0 ft(p)		43.7	12967 Btuh
Floor Total			297			12967 Btuh
Zone Envelope Subtotal:						37357 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.66	27060		297.7	12057 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					49414 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

1/14/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	49414 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	49414 Btuh

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

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

1/14/2008

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

Component Loads for Whole House

Window	Type*		Overhang		Window Area(sqft)			HTM		Load		
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	6ft.	15.0	0.0	15.0	29	60	901	Btuh	
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	4.5ft.	17.3	0.0	17.3	29	60	1039	Btuh	
3	2, Clear, 0.87, None,N,N	W	99ft.	5.5ft.	10.0	10.0	0.0	29	80	290	Btuh	
4	2, Clear, 0.87, None,N,N	NW	6.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh	
5	2, Clear, 0.87, None,N,N	N	13.5f	5.5ft.	10.0	0.0	10.0	29	29	290	Btuh	
6	2, Clear, 0.87, None,N,N	NW	8ft.	8ft.	60.0	0.0	60.0	29	60	3602	Btuh	
7	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh	
8	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh	
9	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468	Btuh	
10	2, Clear, 0.87, None,N,N	SE	1.5ft.	7ft.	25.0	2.6	22.4	29	63	1476	Btuh	
11	2, Clear, 0.87, None,N,N	SE	1.5ft.	3ft.	10.0	7.6	2.4	29	63	370	Btuh	
12	2, Clear, 0.87, None,N,N	SE	3ft.	6ft.	13.3	11.4	1.9	29	63	449	Btuh	
13	2, Clear, 0.87, None,N,N	SE	3ft.	1.5ft.	5.0	5.0	0.0	29	63	145	Btuh	
14	2, Clear, 0.87, None,N,N	SE	1.5ft.	0ft.	25.0	25.0	0.0	29	63	724	Btuh	
15	2, Clear, 0.87, None,N,N	SE	1.5ft.	0ft.	10.0	10.0	0.0	29	63	290	Btuh	
16	2, Clear, 0.87, None,N,N	SW	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468	Btuh	
Window Total						306 (sqft)					15212 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09			2646.0			2.1		5519 Btuh		
2	Frame - Wood - Adj	13.0/0.09			420.0			1.5		634 Btuh		
Wall Total						3066 (sqft)					6153 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		
3	Insulated - Exterior				40.0			9.8		392 Btuh		
Door Total						100 (sqft)					980 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0			2706.0			1.7		4481 Btuh		
Ceiling Total						2706 (sqft)					4481 Btuh	
Floors	Type	R-Value			Size			HTM		Load		
1	Slab On Grade	0.0			297 (ft(p))			0.0		0 Btuh		
Floor Total						297.0 (sqft)					0 Btuh	
Zone Envelope Subtotal:										26826 Btuh		
Infiltration	Type	ACH			Volume(cuft)			CFM=		Load		
	SensibleNatural	0.34			27060			153.3		2854 Btuh		
Internal gain	Occupants			Btuh/occupant			Appliance		Load			
	8			X 230 +			0		1840 Btuh			
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh		
Sensible Zone Load										31520 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

, FL

1/14/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	31520 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	31520 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	31520 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	5604 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	7204 Btuh
	TOTAL GAIN	38724 Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

, FL

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

1/14/2008

Component Loads for Zone #1: Main

Window	Type*		Overhang		Window Area(sqft)			HTM		Load		
	Pr/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded			
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	6ft.	15.0	0.0	15.0	29	60	901	Btuh	
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	4.5ft.	17.3	0.0	17.3	29	60	1039	Btuh	
3	2, Clear, 0.87, None,N,N	W	99ft.	5.5ft.	10.0	10.0	0.0	29	80	290	Btuh	
4	2, Clear, 0.87, None,N,N	NW	6.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh	
5	2, Clear, 0.87, None,N,N	N	13.5f	5.5ft.	10.0	0.0	10.0	29	29	290	Btuh	
6	2, Clear, 0.87, None,N,N	NW	8ft.	8ft.	60.0	0.0	60.0	29	60	3602	Btuh	
7	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh	
8	2, Clear, 0.87, None,N,N	NE	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh	
9	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468	Btuh	
10	2, Clear, 0.87, None,N,N	SE	1.5ft.	7ft.	25.0	2.6	22.4	29	63	1476	Btuh	
11	2, Clear, 0.87, None,N,N	SE	1.5ft.	3ft.	10.0	7.6	2.4	29	63	370	Btuh	
12	2, Clear, 0.87, None,N,N	SE	3ft.	6ft.	13.3	11.4	1.9	29	63	449	Btuh	
13	2, Clear, 0.87, None,N,N	SE	3ft.	1.5ft.	5.0	5.0	0.0	29	63	145	Btuh	
14	2, Clear, 0.87, None,N,N	SE	1.5ft.	0ft.	25.0	25.0	0.0	29	63	724	Btuh	
15	2, Clear, 0.87, None,N,N	SE	1.5ft.	0ft.	10.0	10.0	0.0	29	63	290	Btuh	
16	2, Clear, 0.87, None,N,N	SW	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468	Btuh	
Window Total					306 (sqft)					15212 Btuh		
Walls	Type	R-Value/U-Value		Area(sqft)		HTM		Load				
1	Frame - Wood - Ext	13.0/0.09		2646.0		2.1		5519 Btuh				
2	Frame - Wood - Adj	13.0/0.09		420.0		1.5		634 Btuh				
Wall Total					3066 (sqft)			6153 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				
3	Insulated - Exterior			40.0		9.8		392 Btuh				
Door Total					100 (sqft)			980 Btuh				
Ceilings	Type/Color/Surface	R-Value		Area(sqft)		HTM		Load				
1	Vented Attic/DarkShingle	30.0		2706.0		1.7		4481 Btuh				
Ceiling Total					2706 (sqft)			4481 Btuh				
Floors	Type	R-Value		Size		HTM		Load				
1	Slab On Grade	0.0		297 (ft(p))		0.0		0 Btuh				
Floor Total					297.0 (sqft)			0 Btuh				
Zone Envelope Subtotal:										26826 Btuh		
Infiltration	Type	ACH		Volume(cuft)		CFM=		Load				
	SensibleNatural	0.34		27060		153.3		2854 Btuh				
Internal gain	Occupants		Btuh/occupant		Appliance		Load					
	8		X 230 +		0		1840 Btuh					
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)								DGM = 0.00		0.0 Btuh	
Sensible Zone Load										31520 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Hollingsworth Residence

Project Title:
801141Hollingsworth

Class 3 Rating
Registration No. 0
Climate: North

, FL

1/14/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	31520 Btuh
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	Latent total gain	7204 Btuh
	TOTAL GAIN	38724 Btuh

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

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(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Hollingsworth Residence
, FL

Project Title:
801141Hollingsworth

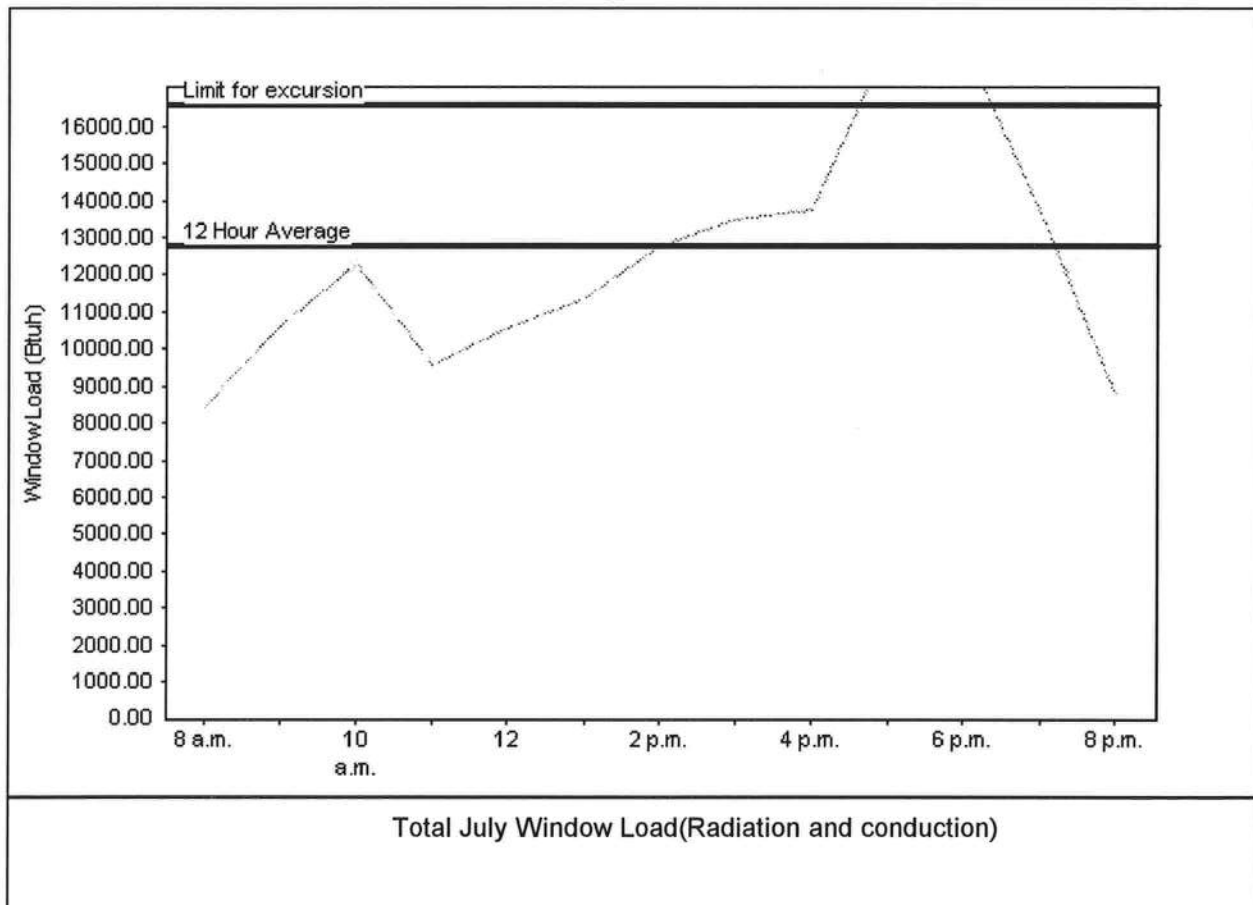
Class 3 Rating
Registration No. 0
Climate: North

1/14/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	12765 Btu
Summer setpoint	75 F	Peak window load for July	18385 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	16595 Btu
Latitude	29 North	Window excursion (July)	1790 Btuh

WINDOW Average and Peak Loads



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

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: *1-14-08*

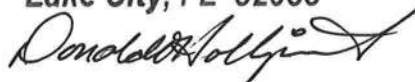
EnergyGauge® FLR2PB v4.1



Date	Inspection	Inspect.	Owner	Pass	Location	Permit
12/12/05	Footer	Harry	Jay Milton - Johnson	OK	3192 NW Moore Road	23926
12/12/05	Set Backs	Harry	Jay Milton - Johnson	OK	3192 NW Moore Road	23926

Date	Inspection	Inspect.	Owner	Pass	Location	Permit
01/18/06	Rough Plumbing	Harry	Jay Milton - Johnson	OK	3192 NW Moore Road	23926
01/30/06	Slab	Harry	Jay Milton - Johnson	OK	3192 NW Moore Road	23926
01/30/06	Set Backs	Harry	Jay Milton - Johnson	OK	3192 NW Moore Road	23926
02/01/06	Slab		Jay Milton - Johnson	Done	3192 NW Moore Road	23926

Hollingsworth
598 NW Brady Circle
Lake City, FL 32055



UNIVERSAL

ENGINEERING SCIENCES

**Consultants In: Geotechnical Engineering •
Environmental Sciences • Construction Materials Testing**

4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

REPORT ON IN-PLACE DENSITY TESTS

Permit # 000023926

CLIENT: Milton Bidas (Aventura, FL.)

PROJECT: Johnson Res.
3192 N. W. Moore Rd.

AREA TESTED: Fill & prop Bldg. PAD

COURSE: F/G DEPTH OF TEST: 0-1'

TYPE OF TEST: D. 2922 DATE TESTED: 1/26/10

NOTE: The below tests ~~DO~~ DO NOT meet the minimum 95 % compaction requirements of maximum density.

REMARKS: _____

[illegible]TECH. II

Location: *moore rd Columbia County* Project Name: *Hollingsworth*

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			<i>FL 4242-R1</i>
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			<i>FL 5108</i>
2. Horizontal Slider			<i>FL 5451</i>
3. Casement			
4. Double Hung			
5. Fixed			<i>FL 5418</i>
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			<i>FL 889-R2</i>
2. Soffits			<i>FL 4899</i>
3. EIFS		<i>Vinyl siding D5</i>	<i>FI 4905</i>
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			<i>FL 3820-R1</i>
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			<i>FL 586-R2</i>
2. Underlayments			<i>FL 1814-R1</i>
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys.			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Hollingsworth
598 NW Brady Circle
Lake City, FL 32055

Robert Hollingsworth

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			FL. 1960-R1
14. Cements-Adhesives - Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			FL 451-R1
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			FL. 474-R1
2. Truss plates			
3. Engineered lumber			FL 1008-R1
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

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

Hollingsworth

598 NW Brady Circle

Lake City, FL 32055

Contractor or Contractor's Authorized Agent Signature

Location

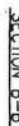
Print Name

Date

Permit # (FOR STAFF USE ONLY)

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION

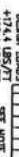
WITH UV PROTECTION



SECTION 8-B



3



MOOD BOARD ATTACHMENT TO STRUCTURE

RATED FOR 120 MPH PEAK GUST, EXPOSURE B, 30' OR LESS MEAN ROOF HEIGHT

UNRECORDED

MEAS (5" APART) AT 16" O.C. (1 1/4" DECREMENT)

PARATION OF WOOD JAWBS BY OTHERS



MTS

PER BRACKET



M.T.S.

EACH CORNER SILL

HEX HEAD SCREWS



MTS

SIDE FOR STRUT SPACING



©

IS REQUIRED)

M.T.S.

AT EA. JAWB BRACKET

N.T.S.

13 GA. BRACKET SLIDER



THICK MONITORING DE LAIL

N.I.S.

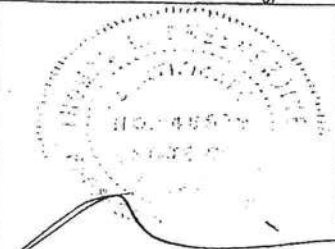
REV	DESCRIPTION OF RECORDS	DATE	BY
	MAX SIZE 16 x 14 DESIGN LOADS +21.8 PSF -24.8 PSF TEST LOADS +33.7 PSF -37.2 PSF		
B	 Amarr BARRETT BOARDS MODEL #900 STRATFORD w/DuraSafe MODEL 950 HERITAGE w/DuraSafe Sport Panel, Joint Panel, and Flush Panel BRANK KASER DATE 04/15/03 DATE 04/15/03 REC-6016-120-15		
ORDER: HOWARD, SHAWDON P.E. TEL: 604-857-3111 SHIT 1 OF 1			

TABLE 1

DOOR HEIGHT	STRUT SPACING (BASED ON RECOMMENDED SECTION CONFIGURATION)																TOP
	A	B	C	D	E	F	G	H	I	J	K	L	M	N			
5' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
5' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
6' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
6' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
7' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
7' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
8' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
8' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
9' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
9' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
10' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
10' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
11' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
11' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
12' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
12' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
13' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
13' 6"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"
14' 0"	18 1/4"	18 1/4"	25 1/2"	30 1/4"	35 1/4"	40 1/2"	45 1/4"	50 1/4"	55 1/4"	60 1/4"	65 1/4"	70 1/4"	75 1/4"	80 1/4"	85 1/4"	90 1/4"	95 1/4"

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	Blm	#2	#3	#4	#5	#6	#7	#8
4' 0"	21"	21"	21"	21"	21"	21"	21"	21"
4' 6"	21"	21"	21"	21"	21"	21"	21"	21"
5' 0"	21"	21"	21"	21"	21"	21"	21"	21"
5' 6"	21"	21"	21"	21"	21"	21"	21"	21"
6' 0"	21"	21"	21"	21"	21"	21"	21"	21"
6' 6"	21"	21"	21"	21"	21"	21"	21"	21"
7' 0"	21"	21"	21"	21"	21"	21"	21"	21"
7' 6"	21"	21"	21"	21"	21"	21"	21"	21"
8' 0"	21"	21"	21"	21"	21"	21"	21"	21"
8' 6"	21"	21"	21"	21"	21"	21"	21"	21"
9' 0"	21"	21"	21"	21"	21"	21"	21"	21"
9' 6"	21"	21"	21"	21"	21"	21"	21"	21"
10' 0"	21"	21"	21"	21"	21"	21"	21"	21"
10' 6"	21"	21"	21"	21"	21"	21"	21"	21"
11' 0"	21"	21"	21"	21"	21"	21"	21"	21"
11' 6"	21"	21"	21"	21"	21"	21"	21"	21"
12' 0"	21"	21"	21"	21"	21"	21"	21"	21"
12' 6"	21"	21"	21"	21"	21"	21"	21"	21"
13' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	21"	21"	21"
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT								SPLICE
	A	B	C	D	E	F	G	S	
6' 6"	10"	38"	58"						76"
7' 0"	10"	38"	58"						76"
7' 6"	10"	38"	58"						76"
8' 0"	10"	38"	58"						76"
8' 6"	10"	38"	58"						76"
9' 0"	10"	38"	58"						76"
9' 6"	10"	38"	58"						76"
10' 0"	10"	38"	58"						76"
10' 6"	10"	38"	58"						76"
11' 0"	10"	38"	58"						76"
11' 6"	10"	38"	58"						76"
12' 0"	10"	38"	58"						76"
12' 6"	10"	38"	58"						76"
13' 0"	10"	38"	58"						76"
13' 6"	10"	38"	58"						76"
14' 0"	10"	38"	58"						76"

TABLE 4

Section Width (ft)	Panel Type	Center Sill Locations (Measured from Left Edge)				
		1st (in)	2nd (in)	3rd (in)	4th (in)	5th (in)
10' 0"	Short	48,406	71,594	90,000		
10' 6"	Short	30,000	60,000	90,000		
12' 0"	Short	48,812	72,000	96,364		
12' 6"	Short	49,625	72,000	94,375		
12' 12"	Short	49,636	73,000	96,364		
12' 2"	Short	50,084	73,000	95,916		
12' 4"	Short	50,636	74,000	97,364		
12' 6"	Short	51,084	74,000	96,916		
12' 8"	Short	51,670	75,000	98,330		
12' 10"	Short	52,250	76,000	99,900		
12' 12"	Short	52,836	77,000	101,500		
13' 0"	Long	53,000	78,000	103,000		
13' 2"	Long	54,000	79,000	104,000		
13' 4"	Long	55,000	80,000	105,000		
13' 6"	Long	56,000	81,000	106,000		
13' 8"	Long	57,000	82,000	107,000		
13' 10"	Long	58,000	83,000	108,000		
13' 12"	Long	59,000	84,000	109,000		
14' 0"	Long	60,000	85,000	110,000		
14' 2"	Long	61,000	86,000	111,000		
14' 4"	Long	62,000	87,000	112,000		
14' 6"	Long	63,000	88,000	113,000		
14' 8"	Long	64,000	89,000	114,000		
14' 10"	Long	65,000	90,000	115,000		
14' 12"	Long	66,000	91,000	116,000		
15' 0"	Long	67,000	92,000	117,000		
15' 2"	Long	68,000	93,000	118,000		
15' 4"	Long	69,000	94,000	119,000		
15' 6"	Long	70,000	95,000	120,000		
15' 8"	Long	71,000	96,000	121,000		
15' 10"	Long	72,000	97,000	122,000		
15' 12"	Long	73,000	98,000	123,000		
16' 0"	Long	74,000	99,000	124,000		

* Sillies do not need to be fringed

TABLE 5

Section Width (ft)	Panel Type	Max Design Loads Allowed	
		Positive (PSF)	Negative (PSF)
10' 0"	Short	29.1	33.1
10' 6"	Short	34.7	39.5
12' 0"	Short	28.9	32.9
12' 6"	Short	28.9	32.9
12' 12"	Short	28.5	32.5
12' 2"	Short	28.5	32.5
12' 4"	Short	28.1	32.0
12' 6"	Short	27.8	31.6
12' 8"	Short	27.4	31.2
12' 10"	Short	27.0	30.8
13' 0"	Long	26.7	30.4
13' 2"	Long	26.4	30.0
13' 4"	Long	26.0	29.6
13' 6"	Long	25.7	29.2
13' 8"	Long	25.4	28.9
13' 10"	Long	25.1	28.5
14' 0"	Long	24.8	28.2
14' 2"	Long	24.5	27.9
14' 4"	Long	24.2	27.5
14' 6"	Long	23.9	27.2
14' 8"	Long	23.7	26.9
14' 10"	Long	23.4	26.6
15' 0"	Long	23.1	26.3
15' 2"	Long	22.9	26.0
15' 4"	Long	22.6	25.7
15' 6"	Long	22.4	25.5
15' 8"	Long	22.2	25.2
15' 10"	Long	21.9	24.9
15' 12"	Long	21.8	24.8
16' 0"	Long	21.8	24.8

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:ITE2487-Z0114091340

Truss Fabricator: Anderson Truss Company
Job Identification: 5-482-DONALD HOLLINGSWORTH

Truss Count: 60

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Version 7.24.

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: HCUSR487

Details: BRCLBSUB-CNBRGBLK-A11015EE-GBLLETIN-

Seal Date: 01/14/2008

-Truss Design Engineer-
James F. Collins Jr.

Florida License Number: 52212

1950 Marley Drive
Haines City, FL 33844

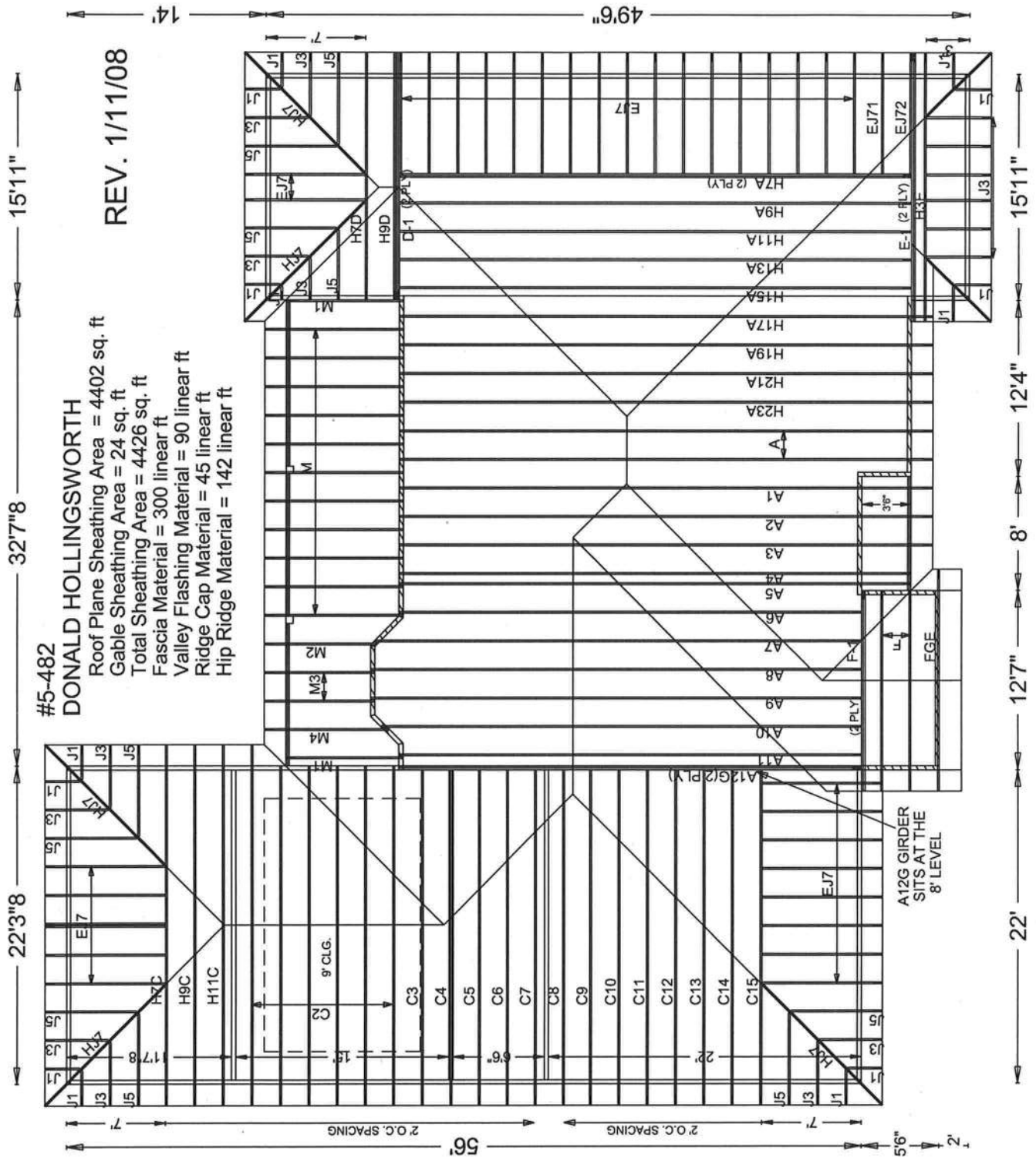
#	Ref	Description	Drawing#	Date
1	88334--H7A		08011003	01/11/08
2	88335--H9A		08011008	01/11/08
3	88336--H11A		08011009	01/11/08
4	88337--H13A		08011010	01/11/08
5	88338--H15A		08011011	01/11/08
6	88339--H17A		08011001	01/11/08
7	88340--H19A		08011002	01/11/08
8	88341--H21A		08011003	01/11/08
9	88342--H23A		08011004	01/11/08
10	88343--A		08011005	01/11/08
11	88344--A1		08011012	01/11/08
12	88345--A2		08011013	01/11/08
13	88346--A3		08011014	01/11/08
14	88347--A4		08011015	01/11/08
15	88348--A5		08011016	01/11/08
16	88349--A6		08011017	01/11/08
17	88350--A7		08011018	01/11/08
18	88351--A8		08011019	01/11/08
19	88352--A9		08011020	01/11/08
20	88353--A10		08011021	01/11/08
21	88354--A11		08011022	01/11/08
22	88355--A12G		08011025	01/11/08
23	88356--H7C		08011023	01/11/08
24	88357--H9C		08011006	01/11/08
25	88358--H11C		08011007	01/11/08
26	88359--C2		08011007	01/11/08
27	88360--C3		08011006	01/11/08
28	88361--C4		08011015	01/11/08
29	88362--C5		08011014	01/11/08
30	88363--C6		08011013	01/11/08
31	88364--C7		08011012	01/11/08
32	88365--C8		08011027	01/11/08
33	88366--C9		08011026	01/11/08
34	88367--C10		08011024	01/11/08
35	88368--C11		08011021	01/11/08
36	88369--C12		08011019	01/11/08

#	Ref	Description	Drawing#	Date
37	88370--C13		08011018	01/11/08
38	88371--C14		08011017	01/11/08
39	88372--C15		08011016	01/11/08
40	88373--H7D		08011002	01/11/08
41	88374--H9D		08011008	01/11/08
42	88375--D-1		08011004	01/11/08
43	88376--H3E		08011024	01/11/08
44	88377--E-1		08011005	01/11/08
45	88378--FGE		08011025	01/11/08
46	88379--F		08011009	01/11/08
47	88380--F-1		08011020	01/11/08
48	88381--HJ7		08011026	01/11/08
49	88382--EJ7		08011001	01/11/08
50	88383--EJ71		08011022	01/11/08
51	88384--EJ72		08011023	01/11/08
52	88385--HJ3		08011027	01/11/08
53	88386--J5		08011010	01/11/08
54	88387--J3		08011011	01/11/08
55	88388--J1		08011028	01/11/08
56	88389--M		08011029	01/11/08
57	88390--M1		08011030	01/11/08
58	88391--M2		08011031	01/11/08
59	88392--M3		08011032	01/11/08
60	88393--M4		08011033	01/11/08



#5-482
DONALD HOLLINGSWORTH
 Roof Plane Sheathing Area = 4402 sq. ft
 Gable Sheathing Area = 24 sq. ft
 Total Sheathing Area = 4426 sq. ft
 Fascia Material = 300 linear ft
 Valley Flashing Material = 90 linear ft
 Ridge Cap Material = 45 linear ft
 Hip Ridge Material = 142 linear ft

REV. 1/11/08

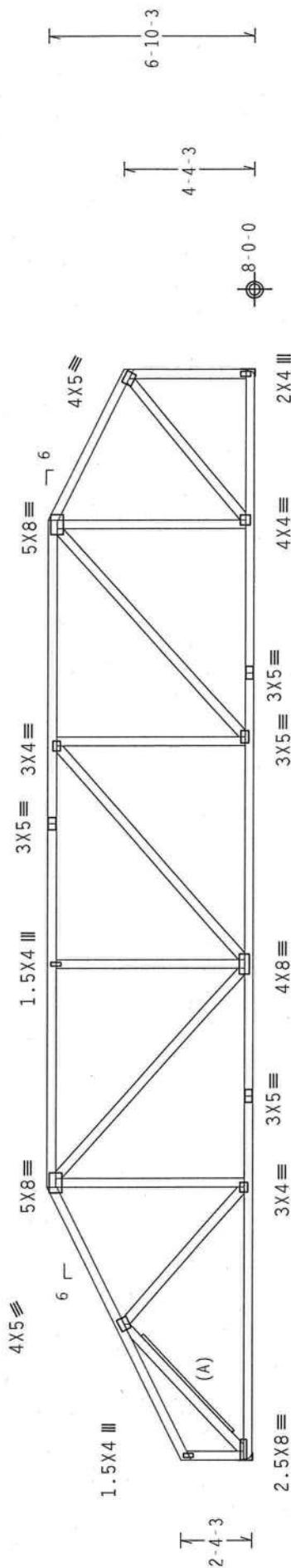


1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

ALL "T" BRACES, "L" BRACES AND SCAB BRACING ARE SP LUMBER.



36-1-0 Over 2 Supports

R=1486 U=180 H-Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

7.24.1230 QTY:1 FL/-/4/-/-/R/-
Cq/RT=1.00(1.25)/10(0) Scale = .1875"/Ft.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST SUITABLE COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., ONE METROPOLIS DRIVE, PITTSBURGH, PA, 15206). FOR ADDITIONAL INFORMATION, CONTACT THE AMERICAN TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMS.

IMPORTANTTUNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS COMPANY'S RECOMMENDATIONS, OR ANY DAMAGE TO THE TRUSS OR TO THE BUILDING. THE TRUSS COMPANY SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE BUILDING OR TO THE TRUSS COMPONENTS DUE TO THE NEGLIGENCE OF THE BUILDING DESIGNER, PER AS/PL11.1 SEC.2.



Haines City, FL 33844
FL Committee of Accreditation # 0279

Jan 14 08

JREF- 1TE2487 Z01

TC LL	20.0	PSF	REF R487 -- 88337
TC DL	10.0	PSF	DATE 01/11/08
BC DL	10.0	PSF	DRW HCURSR487 08011010
BC LL	0.0	PSF	HC-ENG EC/DF
TOT.LD.	40.0	PSF	SEQN- 94877
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1TE2487 Z01

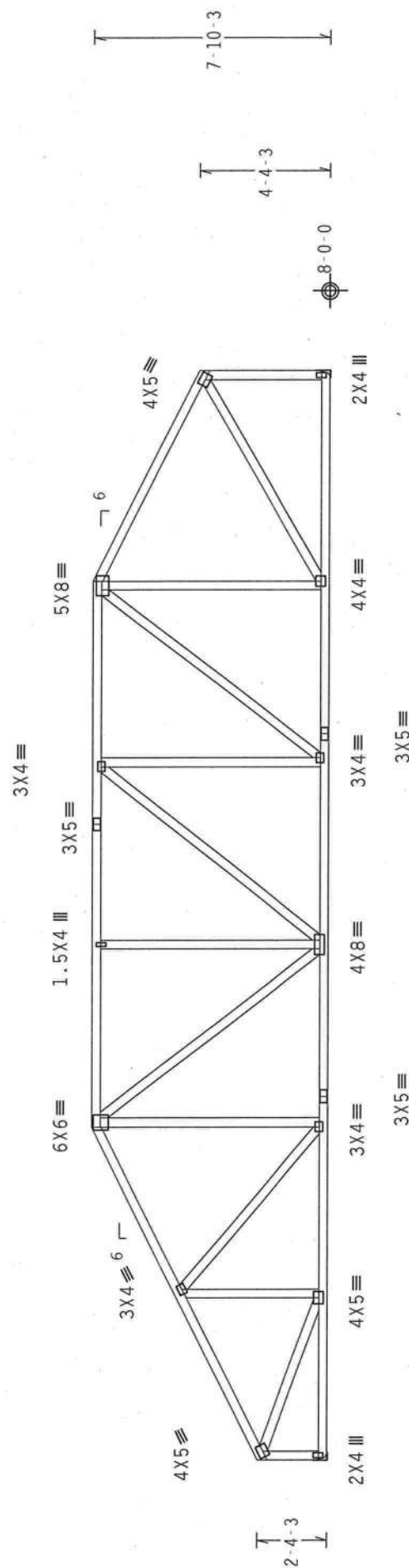
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
Web	2x4	SP	#3	

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

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



11-0-0	18-1-0	7-0-0
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← 36-1-0 Over 2 Supports

R=1486 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2x6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

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

PLT TYP. Wave

WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL PERSONS INVOLVED IN ANY OF THESE ACTIVITIES MUST BE TRAINED AND CERTIFIED IN THE PROPER USE OF THE THUSSES. THE FOLLOWING INFORMATION, PUBLISHED BY THE CROSS PLATE INSTITUTE, 2100 NORTH LEESFRET AVENUE, MOODS WIS, 53219, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, MUST BE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CUTTING

IMPORTANTFURNISH 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 IPTI; OR PARTICIPATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH AVAILABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., INV. AFAPA) AND IPTI. ITM BCG PROVIDES PLATES ARE MADE OF 2017/18IGA (41-55/52K) ASTM A563 GRADE 50/60 (41- K/51-55) GALV. STEEL, APPLY CONNECTIONS TO TRUSS CHORDS. TRUSSES ARE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10A-12C. ANY INSPECTION OF PLATES FOLLOWED BY TRUSS COMPANY SHALL BE RESPONSIBLE FOR THE TRUSS COMPONENTS. 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 AIAA/IPTI 1 SEC. 2.



Haines City, FL 33844
FL Certificate of Authentication # 0070

JREF- 1TE2487 Z01

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

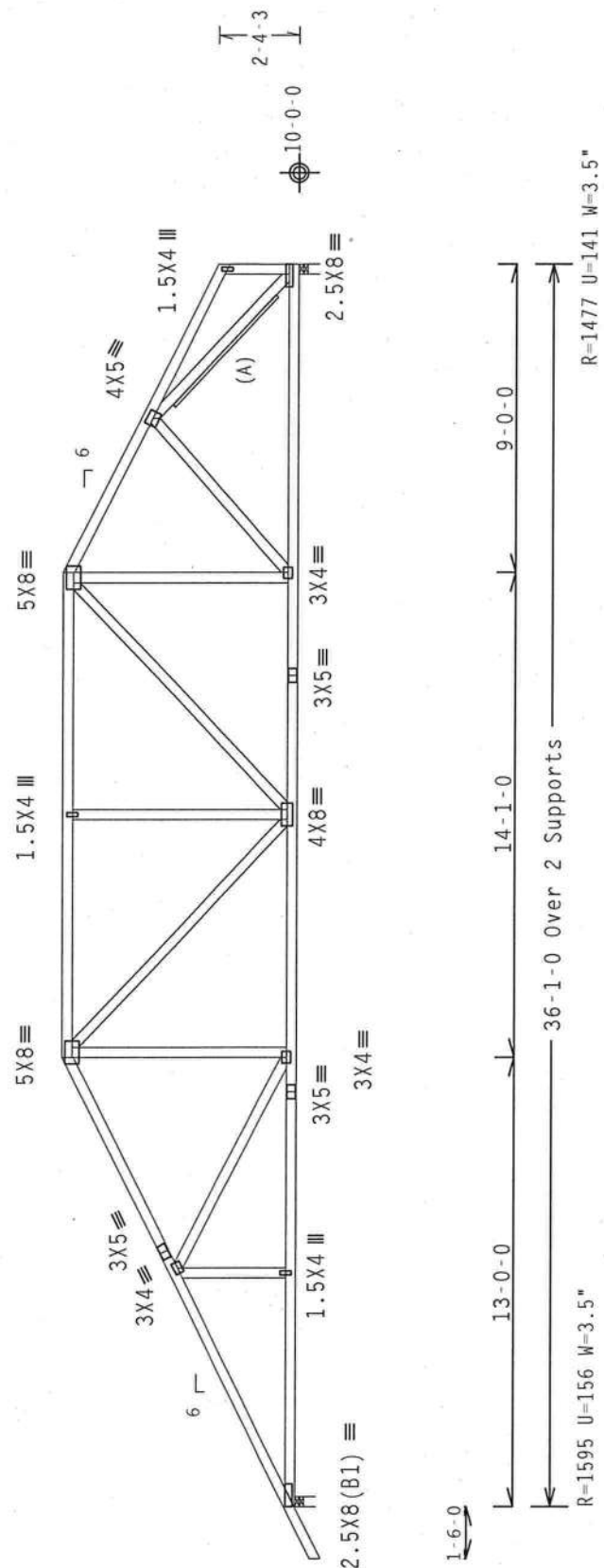
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

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



Design Crit: TPI-2002(STD)/FBC

Scale = .1875" / Ft.

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

1230 1230 QTY:1

 $Cq/RT=1.00(1.25)/10(0) \quad 7.2$

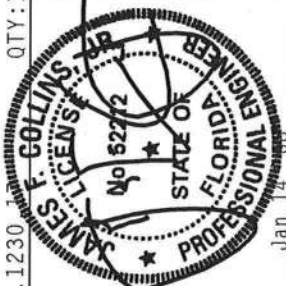
0
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5
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1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (WOOD INSTITUTE 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. ITH BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITPI-0 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
THIS DRAWING IS BASED ON THE FOLLOWING DESIGN SPEC.: BY AF&P AND TPI-1
CONNECTION PLATES ARE MADE OF 26010/ALUMINUM ALLOY STEEL PER DRAININGS 160A-2,
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAININGS 160A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF IPTI-2002 SEC. 3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIRTP/1 1 SEC. 7.



Haines City, FL 33844
FL Certificate of Authorization # 0279

IL Coe

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

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

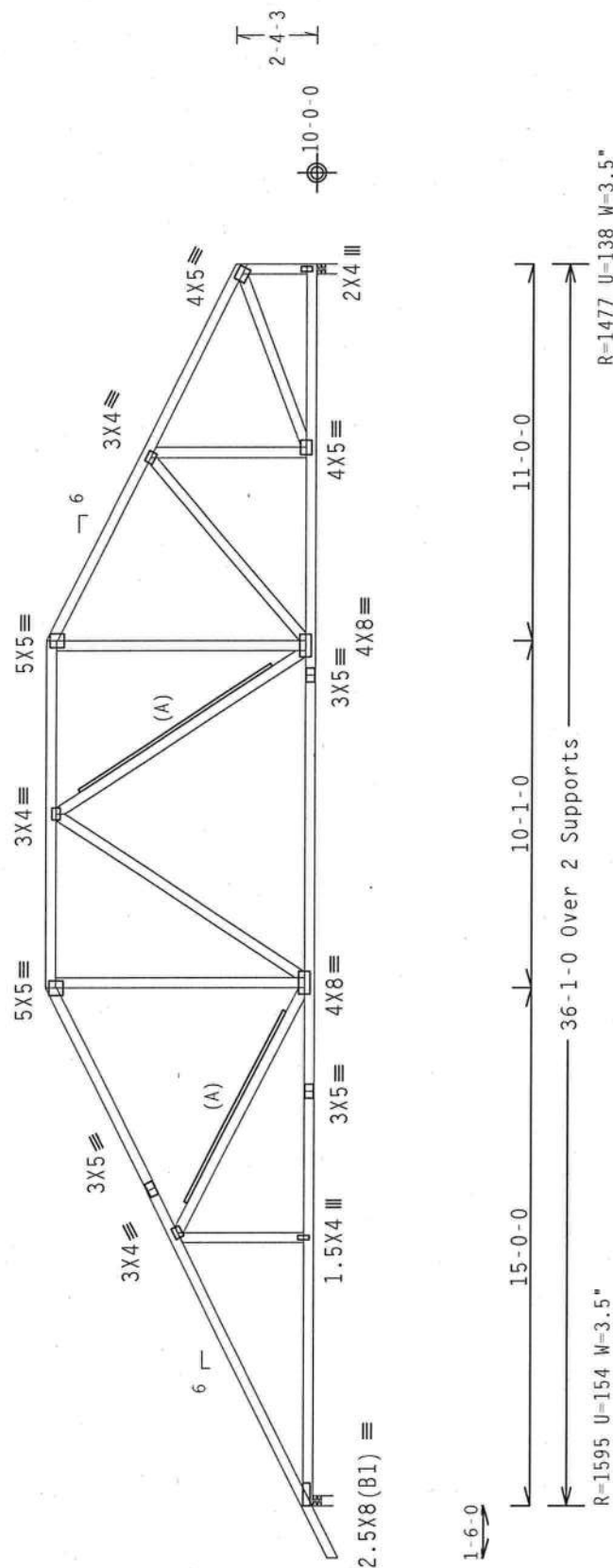
Wind reactions based on MWFRS pressures.

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

Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

PLT TYP. Wave

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

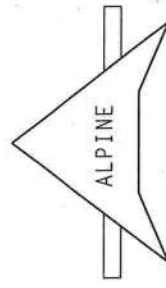
WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRIVING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (CRUSS PLATE INSTITUTE, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AIA (WOOD THUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WADSWORTH, MI 48091) 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 IT-11; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITW BCG
ON FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-H/55/K) ASTM A653 GRADE 40/60 (W-K/H/55) GALV. STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL ON THIS

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 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 ANSI/TP1 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0078



Haines City, FL 33844
FL Certificate of Authorization #0778

JREF- 1TE2487 701

SPACING 24.0"

Jan 14 08

TY OF THE

PI 1 SEC. 2.

Haines City, FL 33844
FL Certificate of Authorization # 0278

Haines City, FL 33844
FL Certificate of Authorization #0778

Fl. Card.

(5-482-DONALD HOLLINGSWORTH - H21A)

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

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

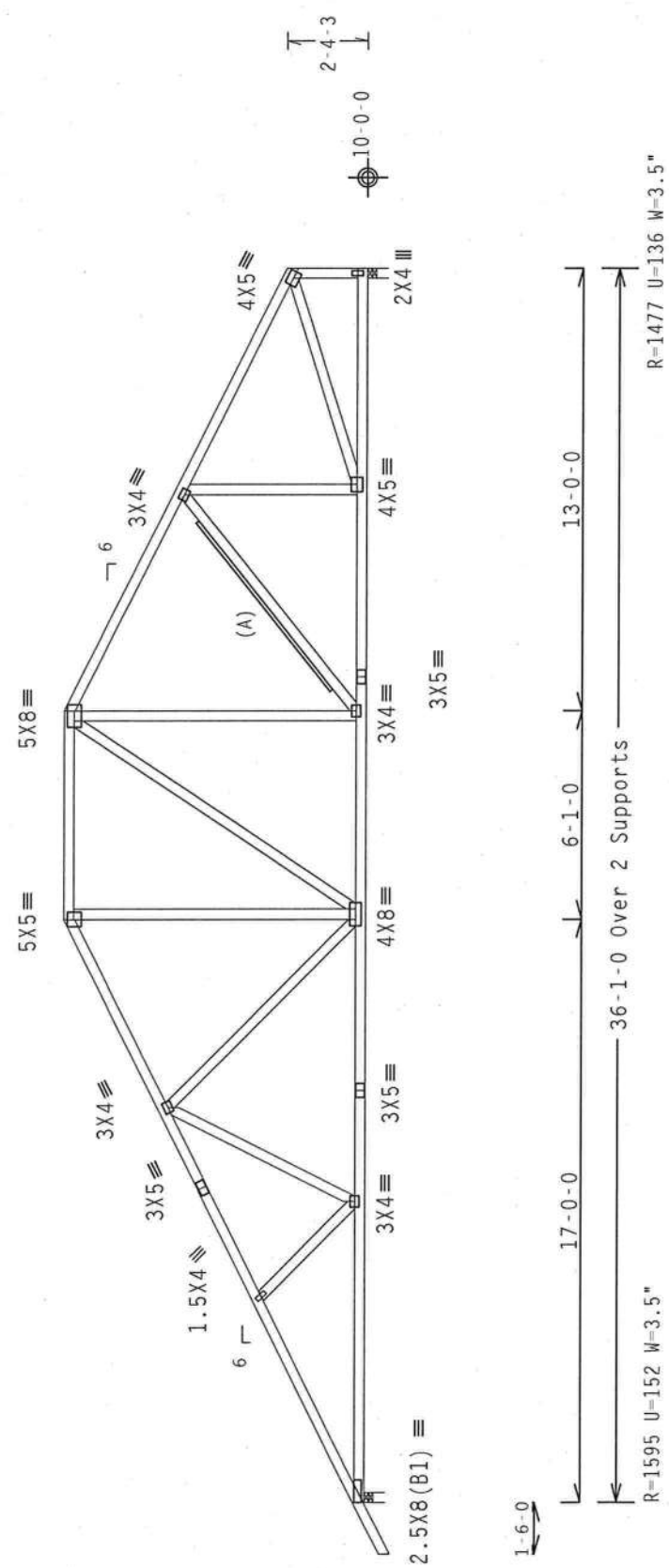
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

	PLT TYP. Wave		QTY:1	FL/-/4/-/R/-	Scale = .1875"/Ft.
	Cq/RT=1.00(1.25)/10(0)		7.24.1230	TC LL	20.0 PSF
	REF R487 -- 88341			TC DL	10.0 PSF
	DATE 01/11/08			BC DL	10.0 PSF
	DRW HCUSR487 08011003			BC LL	0.0 PSF
	HC-ENG EC/DF			TOT.LD.	40.0 PSF
	DUR.FAC. 1.25			SEQN-	32533
	SPACING 24.0"			JREF-	1TE2487 Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WCA HODD TRUSS COUNCIL OF AMERICA, 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 (4-H/55/PS) ASTM A653 GRADE 40/60 (4. K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN BY THE 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 AMSI/TPI 1 SEC. 2.

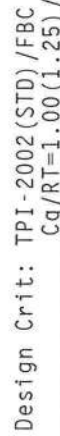
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0.278

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 $(+/-) = 0.18$

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



230

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

Scale = 1875"/Ft

WARNING TRUCKS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION FOR PROPER HANDLING AND BRACING. BCSI, 1000 ENTERPRISE LANE, SUITE 312, ALEXANDRIA, VA 22304, AND VICS (WOOD TRUSS CONNECTIONS), 1000 ENTERPRISE LANE, SUITE 312, ALEXANDRIA, VA 22304. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0	PSF	REF R487-- 88342
TC DL	10.0	PSF	DATE 01/11/08
BC DL	10.0	PSF	DRW HCUSR487 08011004
BC LL	0.0	PSF	HC-ENG EC/DF
TOT.LD.	40.0	PSF	SEQN- 32535
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1TE2487 701

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

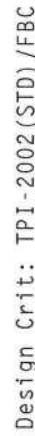
Jan 14 08

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/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Scale = .1875"/Ft.

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

2305/col.

7.24.13

$$0(1.25)/10(0)$$
 $Cq/RT=1.00$

designer's office.

PLT TYP. Wave

TC LL	20.0	PSF	REF	R487 --	88345
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCUSR487	08011013
BC LL	0.0	PSF	HC-ENG	EC/DF	
TOT.LD.	40.0	PSF	SEQN-	32518	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1TE2487	Z01

A circular professional engineer seal for the State of Florida. The outer ring contains the text "JAMES V. COLLINS" on the left and "PROFESSIONAL ENGINEER" on the right. The inner ring contains "STATE OF FLORIDA". In the center, it says "No. 52212". The seal is stamped over a document with a date stamp "Jan 14 '08" in the bottom right corner.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCG BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND WOOD TRUSS COUNCIL OF AMERICA, 1000 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 DETAILATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI BRACING REQUIREMENTS WILL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL BUILDING CODE (NBS) AND AISC 605.0 GRADING. CONNECTOR PLATES ARE MADE OF 2010/16GA. OR 1/55 (X) ASTM A653 GRADE 50. TYPICAL TPI BCG PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 066-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENCY 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.



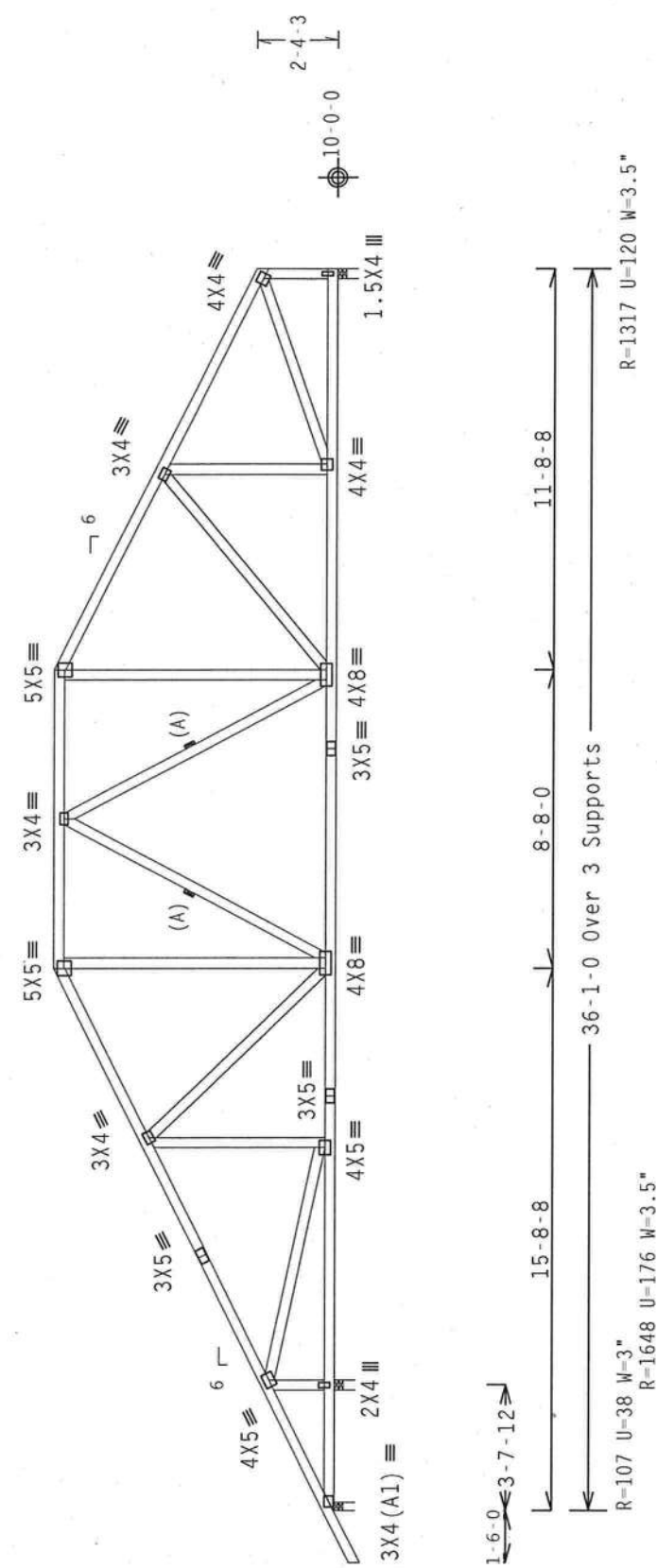
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0-278

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

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

QTY:1

10

7.24.1230

$$5) / 10(0)$$
 $RT=1.00(1.$

Cg/

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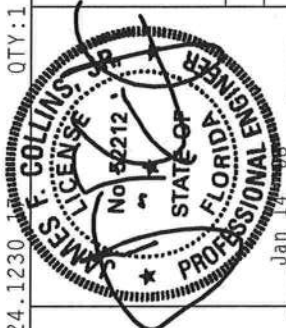
e

-T TYP. Wa

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER OF EACH PRODUCT FOR COMPLETE DETAILS. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22304-6 AND CHORD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE STANDARDS OF NATIONAL DESIGN SPEC. (BY AISC) AND TPI-1. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/T106GA (IN-HOUSE) ASTM A663 GRADE 40/60 (IN K7H-55) GALV. STEEL. ALL INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEE A3 OF TPI-2002 SEC.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER PER AS/ITP 1 SEC. 2.



JREF- 1TE2487 Z01

SPACING 24.0"

04/04/2014

Jan

THE RESPONSIBILITY OF

—

OF THIS COMPONENT

ANSI/TPI 1 SEC. 2

BUILDING DESIGNER P

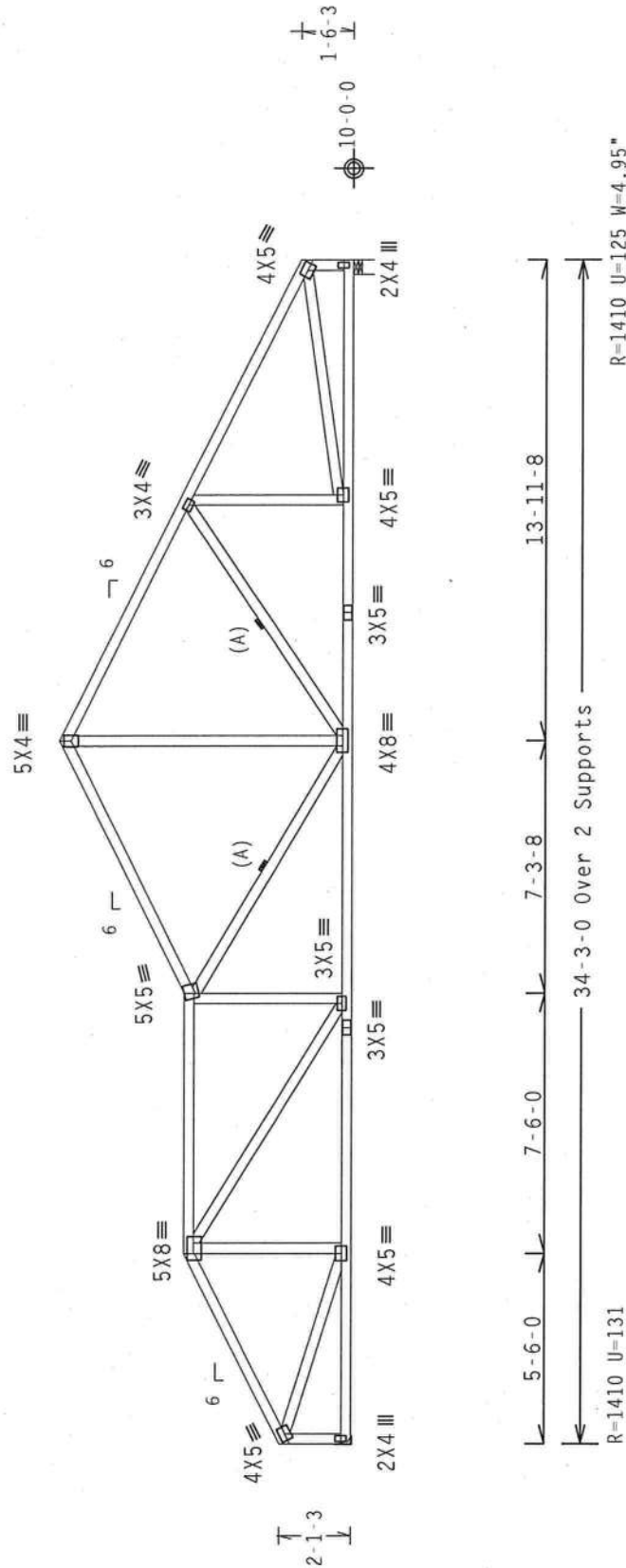
33844
 ization #0370Haines City, FL
Certificate of Authenticity

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.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

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

30 days/CO.

7.24.12

$$Cq/RT=1.00(1.25)/10(0)$$

5
6
7
8
9
10
11
12

PLT TYP. Wave

TC LL	20.0	PSF	REF	R487--	88350
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCUSR487	08011018
BC LL	0.0	PSF	HC-ENG	EC/DF	
TOT.LD.	40.0	PSF	SEQN-	94804	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1TE2487	Z01



1. ****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 238 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 48213) 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 CHORDING.

2. ****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 TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACPA) AND TPI. 1TW BCG CONNECTOR PLATES ARE MADE OF 2017/18/16GA (N/HS/K) AISC A653 GRADE 40/60 (4, K/H/SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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 # 0378

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

Max JT VERT DEF: LL: 0.27" DL: 0.44" recommended camber 3/4"

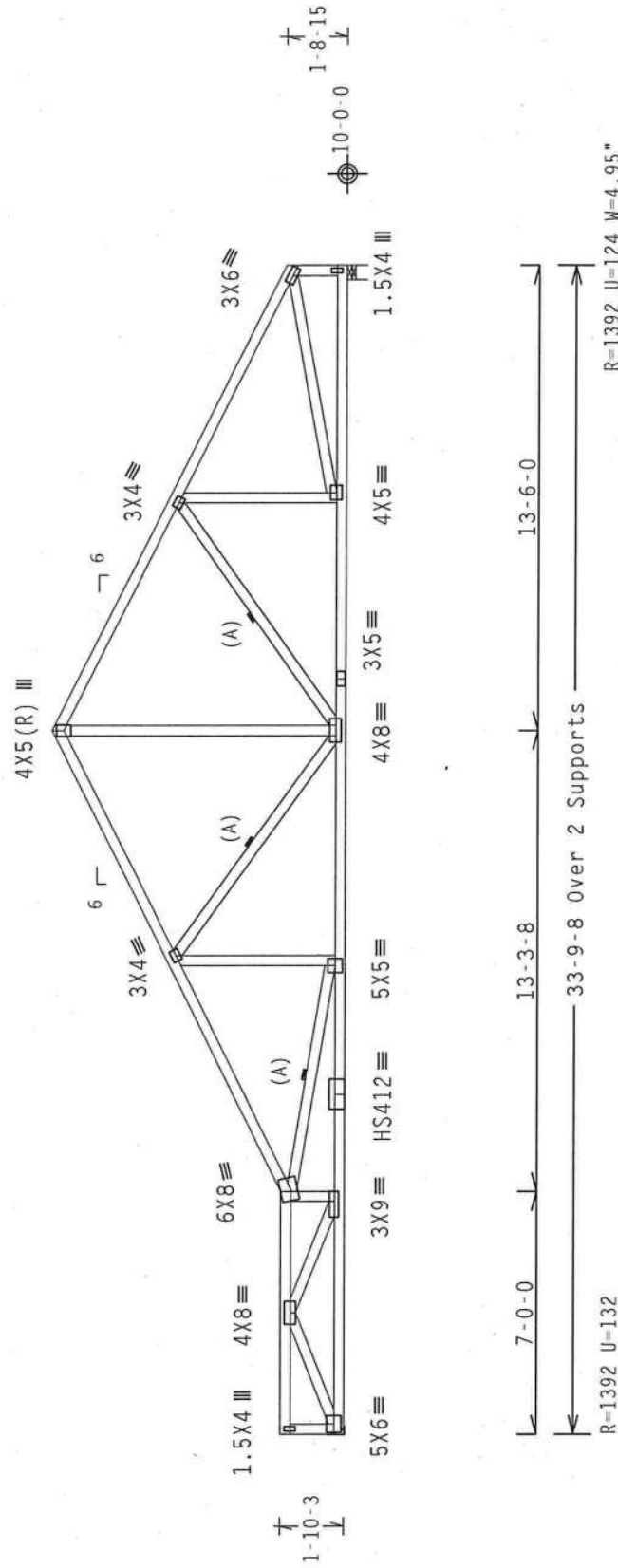
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.12 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAI 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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS.Wave

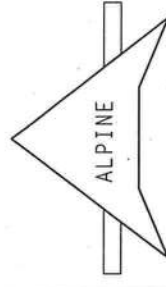
Cq/RT=1.00(1.25)/10(0) 7.24.1230.17

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

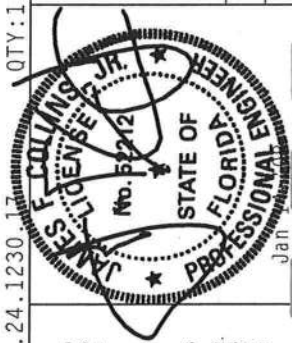
Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) 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. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-N/55/K) ASTM A653 GRADE 40/60 (4, 8/11, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE BY ITH BCG. ITH 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.



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



JREF- 1TE2487 Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x10 SP SS :B2 2x6 SP #1 Dense:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3

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

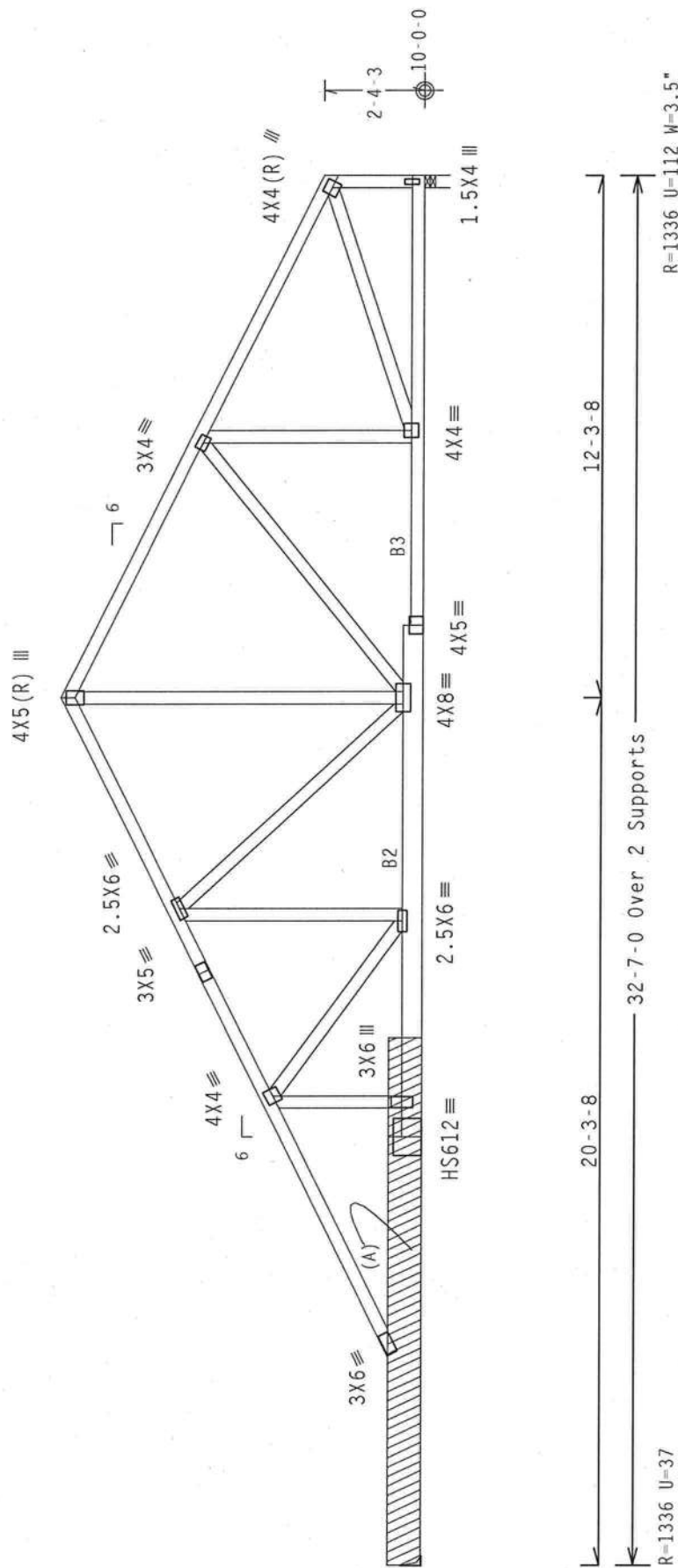
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A)(2) 2X10x12-3-12 SP SS scabs at left end. Attach one scab to each outer face of chord with:
12d Box or Gun (0.128"x3.25", min.) nails @ 8" OC, Plus
additional nail clusters at: BRG.: (3), heel: (7), 1st panel
point: (4).



PLT TYP. 20 Gauge HS.Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/

QTY:1 FL/-/4/-/-/R/-
Scale = 25" /Ft.

FL/-/4/-/-/R/-		Scale = .25"/Ft.
TC LL	20.0 PSF	REF R487 - - 88354
TC DL	10.0 PSF	DATE 01/11/08
BC DL	10.0 PSF	DRW HCUSR487 08011022
BC LL	0.0 PSF	HC-ENG EC/DF
TOT.LD.	40.0 PSF	SEQN - 94789
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1TE2487 Z01



Top chord 2x4 SP #2 Dense : T1 2x6 SP #2:
Bot chord 2x8 SP SS
Webs 2x4 SP #3 : W6 2x4 SP #2 Dense:
: W9 2x6 SP #2:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 32 PLF at 0.51 to 32 PLF at 32.58
BC - From 20 PLF at 0.00 to 20 PLF at 32.58
BC - 1955 LB Conc. Load at 7.06
BC - 896 LB Conc. Load at 9.06, 11.06, 13.06, 15.06, 17.06
19.06, 20.94, 22.94, 24.94, 26.94, 28.94
BC - 894 LB Conc. Load at 30.94

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.

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

ALL "T" BRACES, "L" BRACES AND SCAB BRACING ARE SP LUMBER.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25",min.)_nails)

Top Chord: 1 Row @ 4.00" O.C.

Bot Chord: 1 Row @ 3.75" O.C.

Webs : 1 Row @ 4" O.C.

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

Bearing blocks: Nail type: 12d Box or Gun (0.128"x3.25",min.)_nails

BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE

1 0.000' 1 12" 10 Match Truss

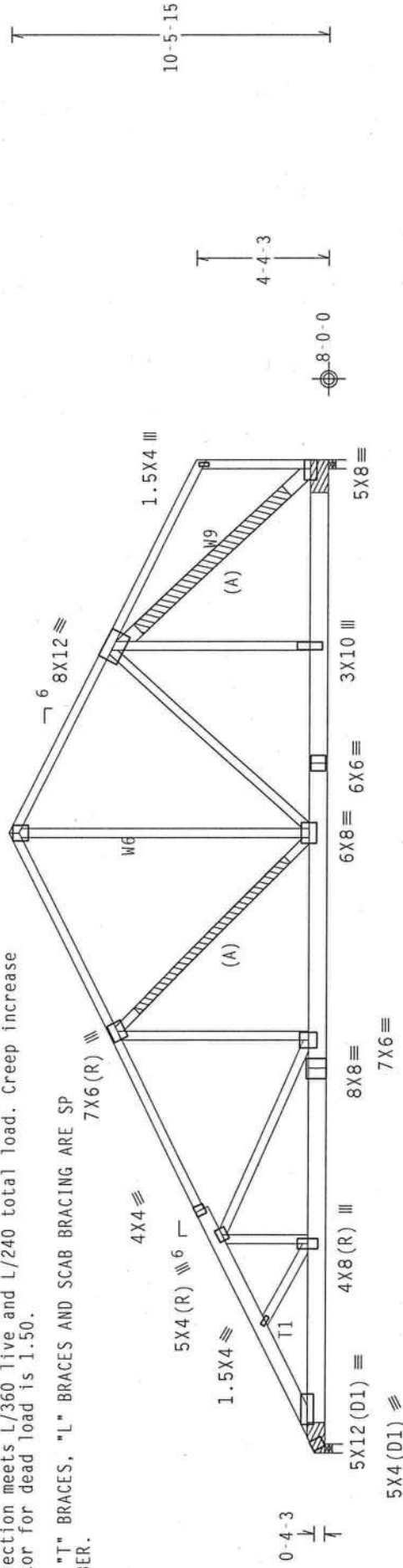
2 32.292' 1 13" 20 SP Standard

Bearing block to be same size and species as bottom chord.

Refer to drawing CNBRG1103 for additional information.

Right end vertical not exposed to wind pressure.

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



20-3-8

12-3-8

32-7-0 Over 2 Supports

R=7055 U=830 W=3.5"

R=8298 U=1073 W=3.5"

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

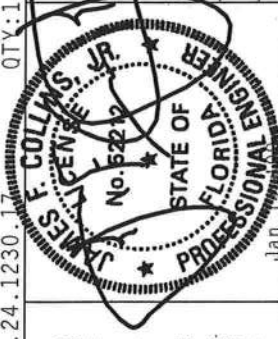
7.24, 1230.17

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

Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESJ (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 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. 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. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, K/M,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING 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.



ALPINE

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

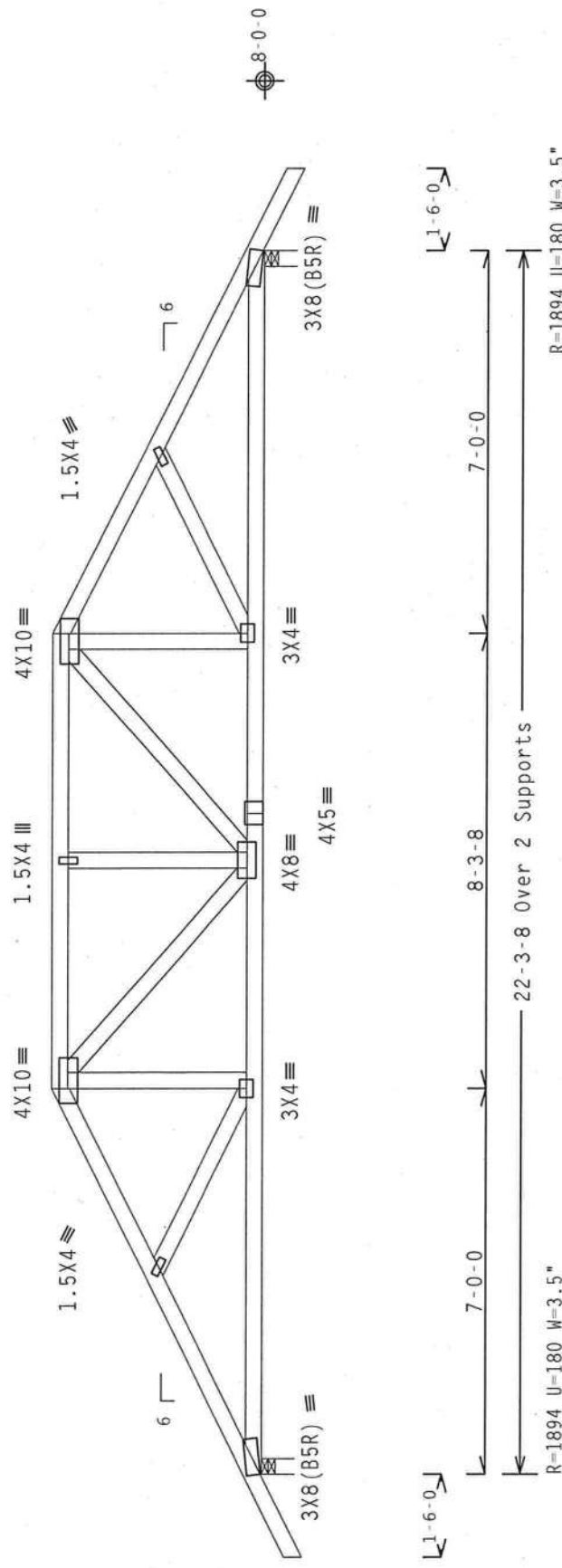
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

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

Wind reactions based on MWFRS pressures.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

230

OTY:1

FL/14/1-1-1R/-

Scale = 3125"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSS1 (BUILDING COMPONENT SAFETY INFORMATION), AND PUBLISHED BY TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND 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 CLAMP.

TC LL	20.0	PSF	REF	R487 --	88356
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCUSR487	08011023
BC LL	0.0	PSF	HC-ENG	EC/DF	
TOT.LD.	40.0	PSF	SEQN-	32505	

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PRACTICE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD 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. TPI 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. CONNECTION PLATES ARE MADE OF 2010/1604 (14-10/VS35) ASH A663 GRADE 40/50 (14- 5/16-5/8) VALV. STEEL. APPLY



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Haines City, FL 33844
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ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX AS OF 11/11-2002 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 AMSI/TP1 1 SEC. 2.

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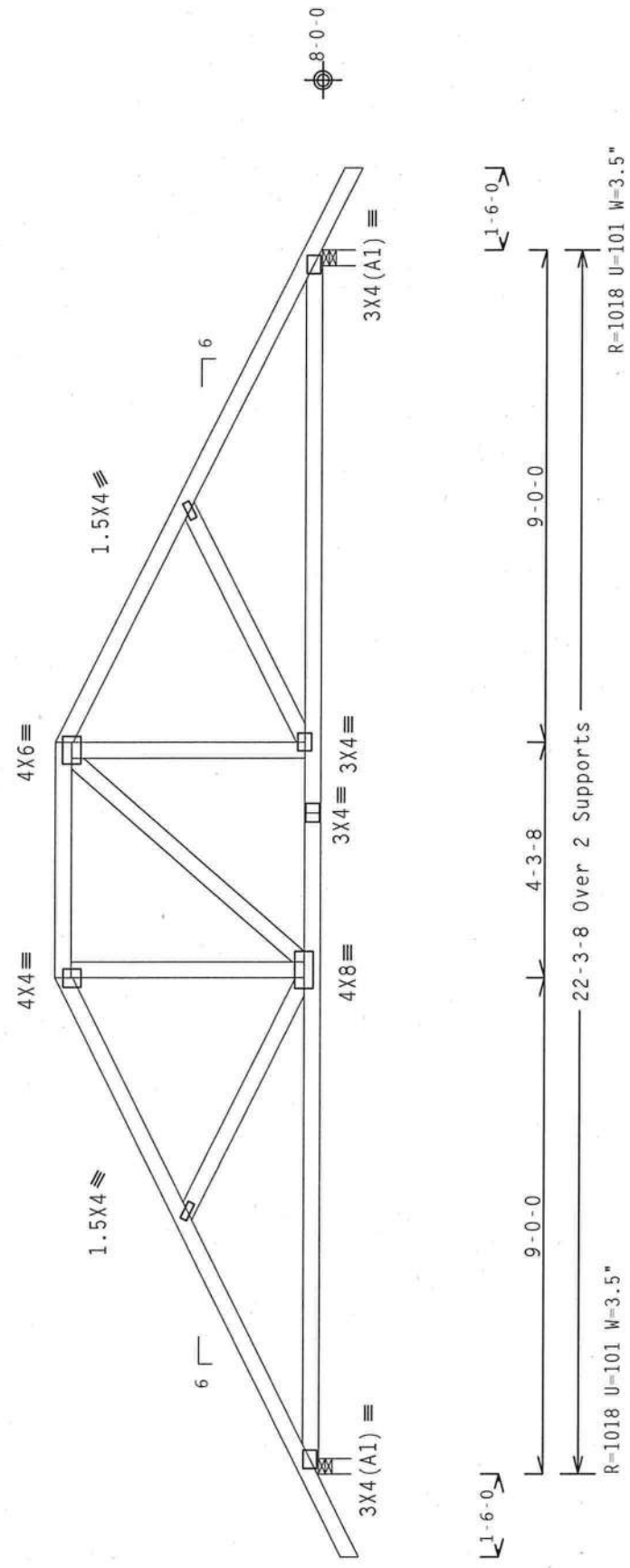
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

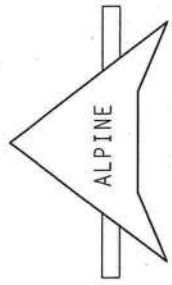
Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL / - / 4 / - / - / R / -	Scale = .3125" / Ft.
	TC LL	20.0 PSF	REF R487 -- 88357
	TC DL	10.0 PSF	DATE 01/11/08
	BC DL	10.0 PSF	DRW HCUSR487 08011006
	BC LL	0.0 PSF	HC-ENG EC/DF
	TOT. LD.	40.0 PSF	SEQN- 32510
	DUR. FAC.	1.25	
	SPACING	24.0"	JREF- 1TE2487 Z01



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****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 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.

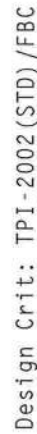
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AITAP) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/55/K) ASTM A653 GRADE 40/60 (40/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ANNEX A3 SHALL BE OBTAINED FROM THE DESIGNER'S OFFICE. THE DESIGNER'S OFFICE SHALL BE RESPONSIBLE FOR THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.

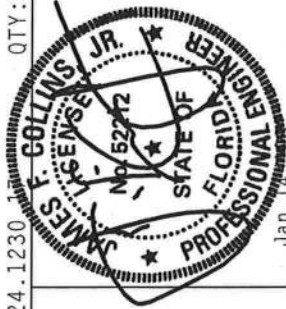
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

 $C_d/RT=1.00(1.25)/10(0)$

0TY.1 FI / - / 4 / - / - / R / -

Scale = .3125"/Ft.

TC LL	20.0	PSF	REF R487-- 88358
TC DL	10.0	PSF	DATE 01/11/08
BC DL	10.0	PSF	DRW HCUR8487 08011007
BC LL	0.0	PSF	HC-ENG EC/DF *
TOT.LD.	40.0	PSF	SEQN- 32515
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1TE2487 Z01



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

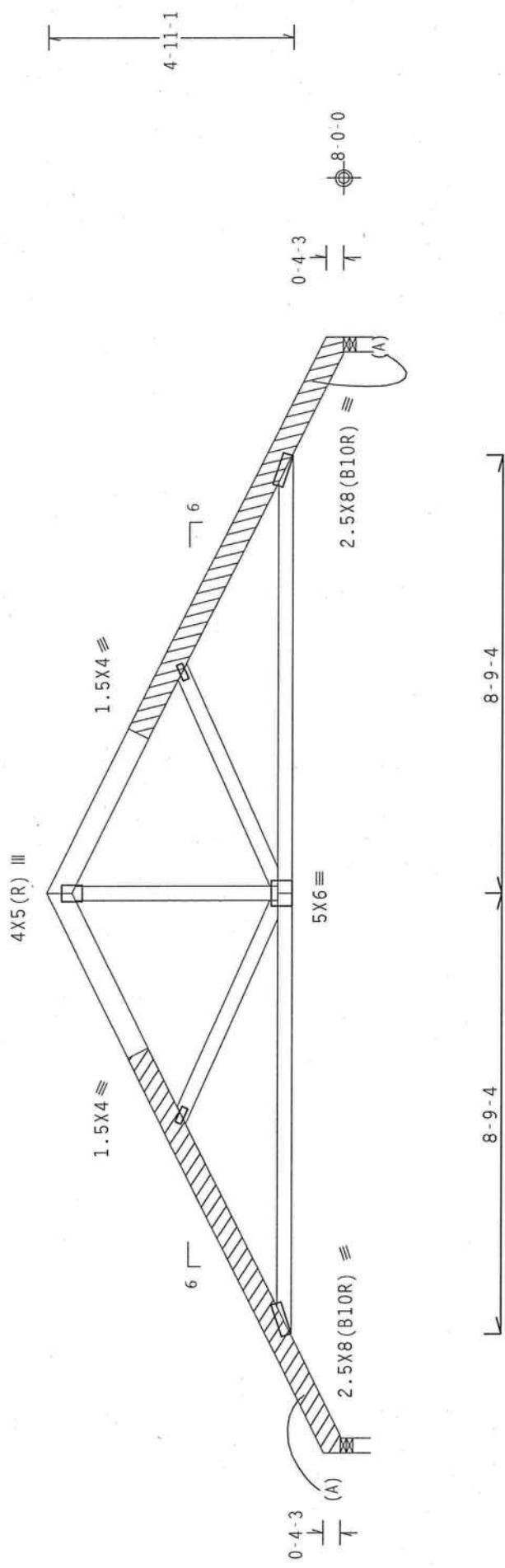
Calculated horizontal deflection is 0.13" due to live load and 0.20" due to dead load.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

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

- (A) (2) 2x6x8-11-4 SP #1 Dense scabs at each end. Attach one scab to each outer face of chord with:
12d Box or Gun (0.128"x3.25", min.) nails @ 8" OC, plus additional nail clusters at: BRG.: (3), heel: (4), 1st panel point: (2).



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

QTY: 6 FL/-/4/-/10(0) 7.24.1230 Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487--	88359
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011007
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN-	95106	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1TE2487	Z01



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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AREA) AND TPI1. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/60) ASTM A653 GRADE 40/60 (4, 8/16, 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 (3) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN THEREON. USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 9.

ALPINE

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FL Certificate of Authorization # 0-278

(5-482-DONALD HOLLINGSWORTH - C5)

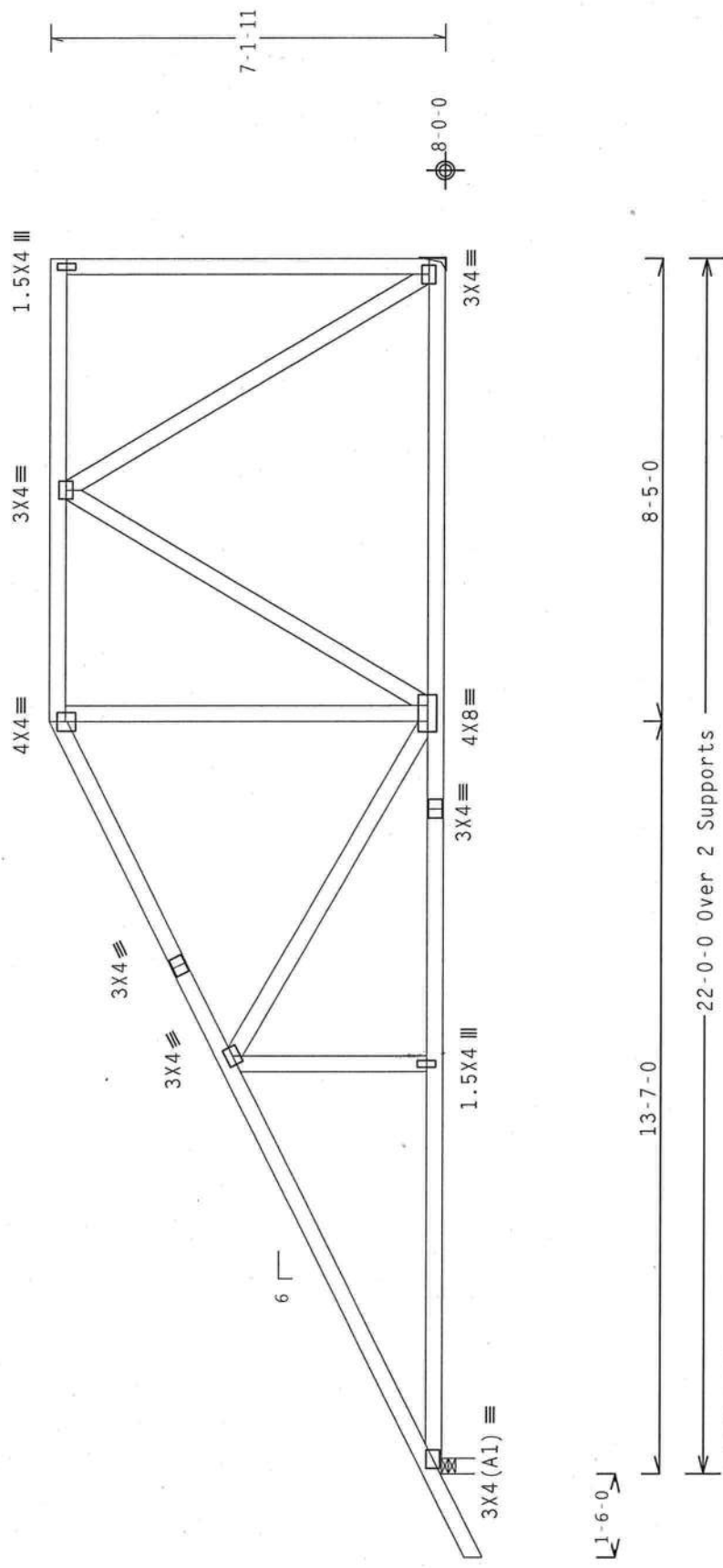
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

Right end vertical not exposed to wind pressure.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



R=1016 U=180 W=3.5"

22-0-0 Over 2 Supports

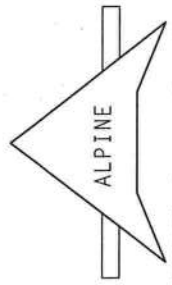
R=896 U=180 H-Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

QTY: 1 FL/-4/-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 THE NATIONAL TRUSS MANUFACTURERS ASSOCIATION, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WICA (WOOD INDOOR 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**** TURNISH 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 HUD (NATIONAL DESIGN SPEC, BY ATRPA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N-H/55/K) ASTM A553 GRADE 40/60 (N, N/M,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ITM BCG SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF THE TRUSS. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER FOR THE TRUSS. THE RESPONSIBILITY OF THE DESIGNER SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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Haines City, FL 33844
FL Certificate of Authorization # 0-070

JRF- 1TE2487 Z01

(5-482-DONALD HOLLINGSWORTH - C6)

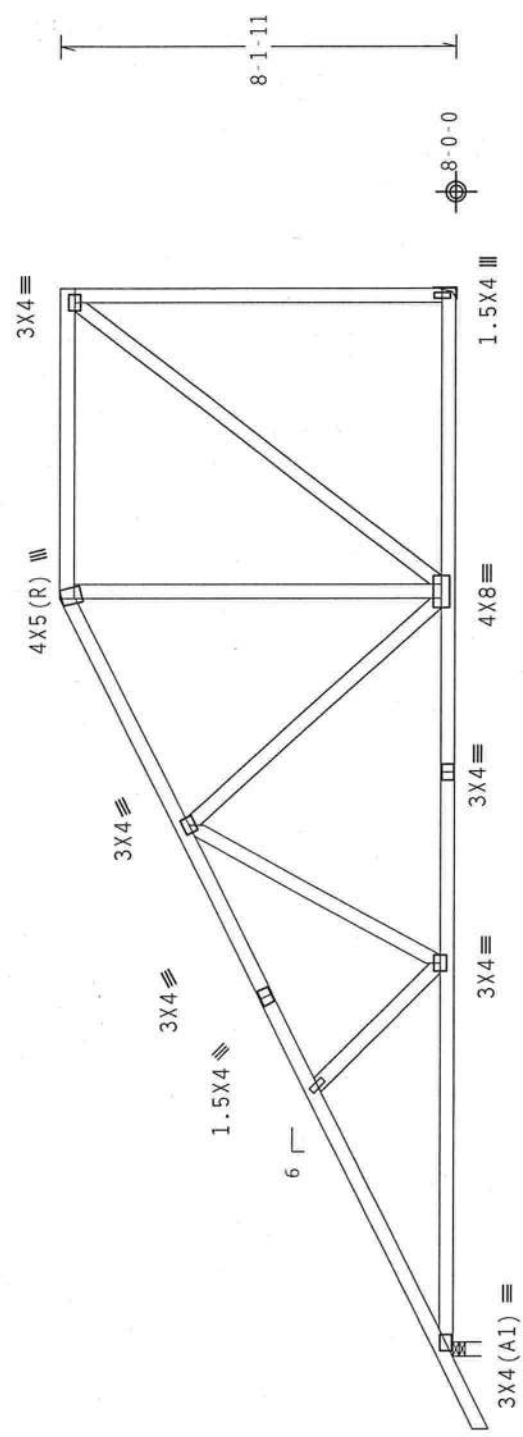
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

Right end vertical not exposed to wind pressure.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



L-6-0

15-7-0

6-5-0

22-0-0 Over 2 Supports

R=1016 U=180 W=3.5"

R=896 U=180 H=Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

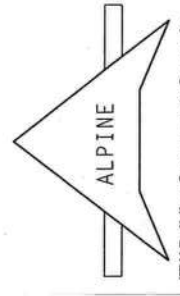
Design Crit: TPI-2002(STD)/FBC

Scale = .25"/Ft.

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE INSTALLED IN ACCORDANCE WITH THE TPI CROSS PLATE INSTRUCTIONS. 210 NORTH LEE STREET, SUITE 312, ALPINE, FL 33444. (888) 337-1191. 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 AIA/PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/166A (N-H/55/K) ASTM A553 GRADE 40/60 (N, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 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 #0-278



TC LL	20.0 PSF	REF	R487--	88363
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011013
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN-	95015	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1TE2487	Z01

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

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

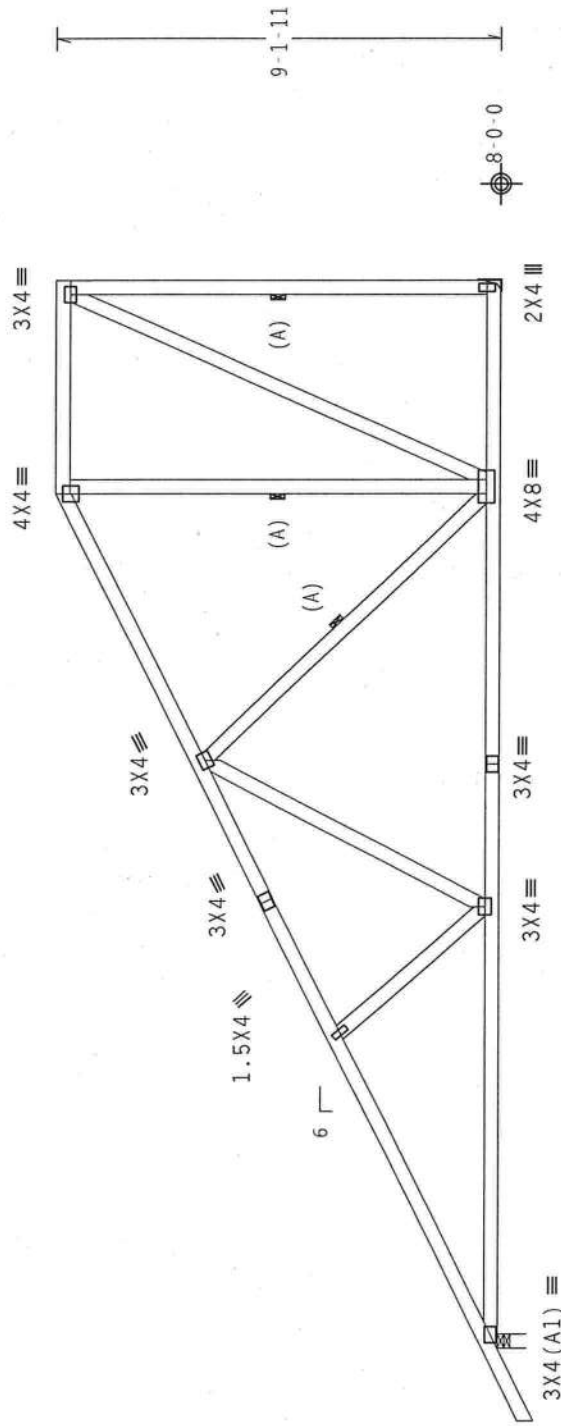
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



11-6-01

17-7-0

4-5-0

-22-0-0 Over 2 Supports

R=1016 H=180 W=3.5"

R-896 U=180 H=Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

$$Cq/RT = 1.00(1.25)/10(0) \quad 7 \ 24 \ 1230$$

0TY·1 EI / - / Δ / - / - / R / -

$$\text{Scale} = 25''/\text{ft}$$

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. REFER TO RESPECTIVE BUILDING COMPONENT SAFETY INFORMATION, PROVIDED BY THE TRUSS MANUFACTURER, FOR TRUSS LAYOUT, ERECTION, AND TRACING. TRUSS MANUFACTURER'S INFORMATION, 22214, AND IBC (AMERICAN INSTITUTE OF BUILDING OFFICIALS) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53717, FOR SAFE PRACTICES RELATIVE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, PLY GIRDING SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID GIRDING.

REF R487-- 88364

DATE 01/11/08

ORW HCUSR487 08011012

HC-ENG EC/DF

SF0N- 95005

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#1007

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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.

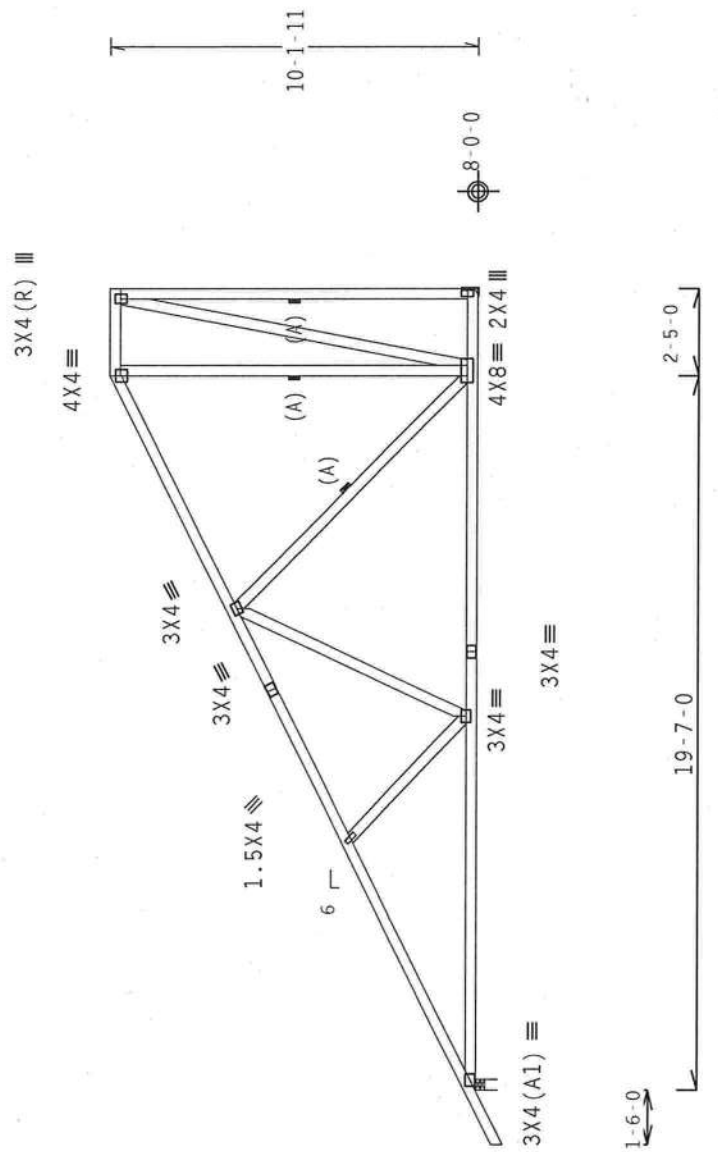
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



R-896 U=180 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d, 0.162"x2.5" nails in Girder
Girder is (2)x6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

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

1230 REF COLLEGE

$$)/10(0) \quad 7.24.$$
 $Cq/RT=1.00(1.25$

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YP. Wave

PLT TY

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE TRUSS COMPONENT SAFETY INFORMATION. TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND AISC (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 BEAMING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO USE THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR BRACING OF TRUSSES. ITW BEG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFAPA) AND TPI. TRUSS CONNECTOR PLATES ARE MADE OF 2018/136GA (U/55/55) ASM A653 GRADE 40/60 (M, 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 AMBEX 43 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMBEX/TPI 1 SEC. 2.

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0079

Jan 14 '08

REF- 1TE2487_Z01

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

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

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

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

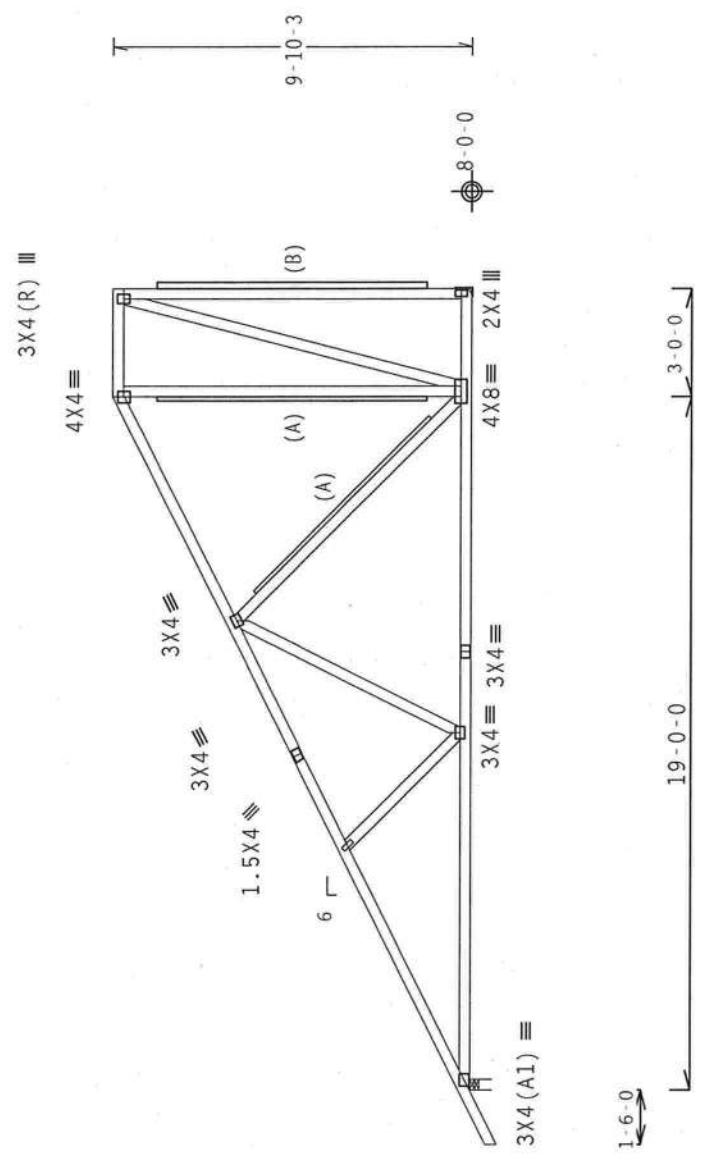
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

Right end vertical not exposed to wind pressure.

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

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

ALL "T" BRACES, "L" BRACES AND SCAB BRACING ARE SP LUMBER.



R=896 U=180 H=Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER OF THE TRUSS. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND WICA (WOOD INCHES) 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 AIA/AS) GALV. STEEL. APPLY CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN GRANTS THE SUSTAINABILITY AND 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

TC LL	20.0 PSF	REF	R487--	88366
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011026
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN-	94933	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1TE2487	Z01

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

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

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

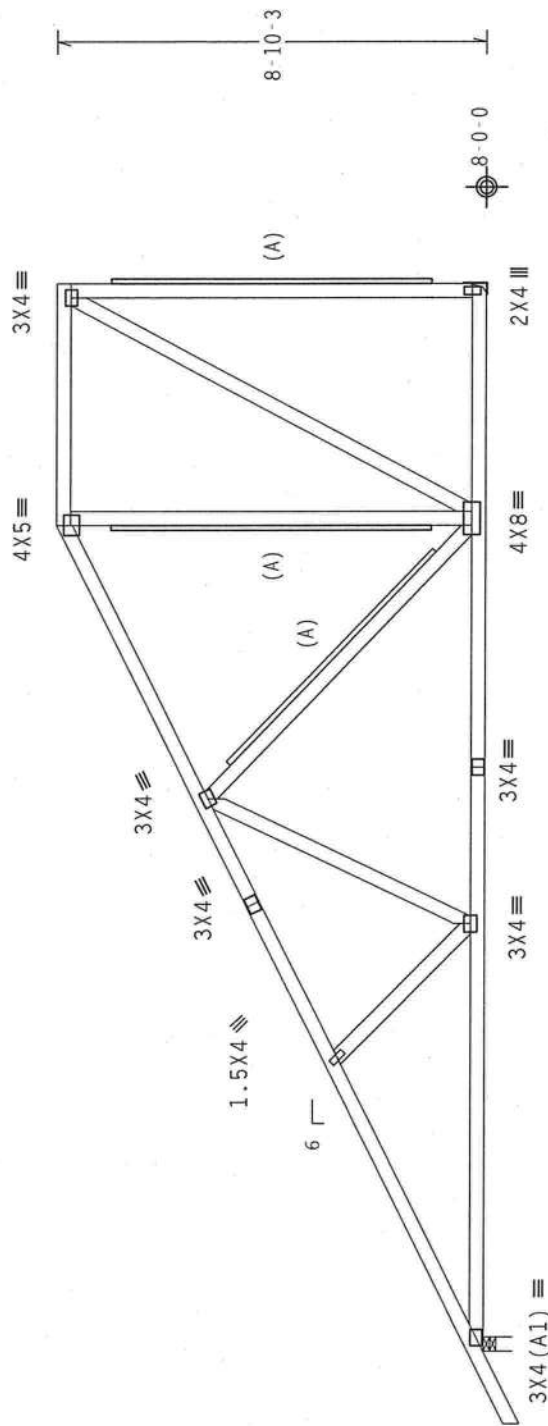
Right end vertical not exposed to wind pressure.

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

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

ALL "T" BRACES, "L" BRACES AND SCAB BRACING ARE SP LUMBER.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



11-6-01

17-0-0

5-0

22-0-0 Over 2 Supports

R=1016 U=180 W=3.5"

R-896 U=180 H=Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/4/-/-/R/- Scale = 25"/Ft.

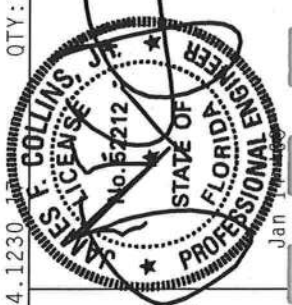
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ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0079

Haines City, FL 33844
FL Certificate of Authorization #0070



Jan

SPACING	24.0"
JREF-	1TE2487_Z01

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0078

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

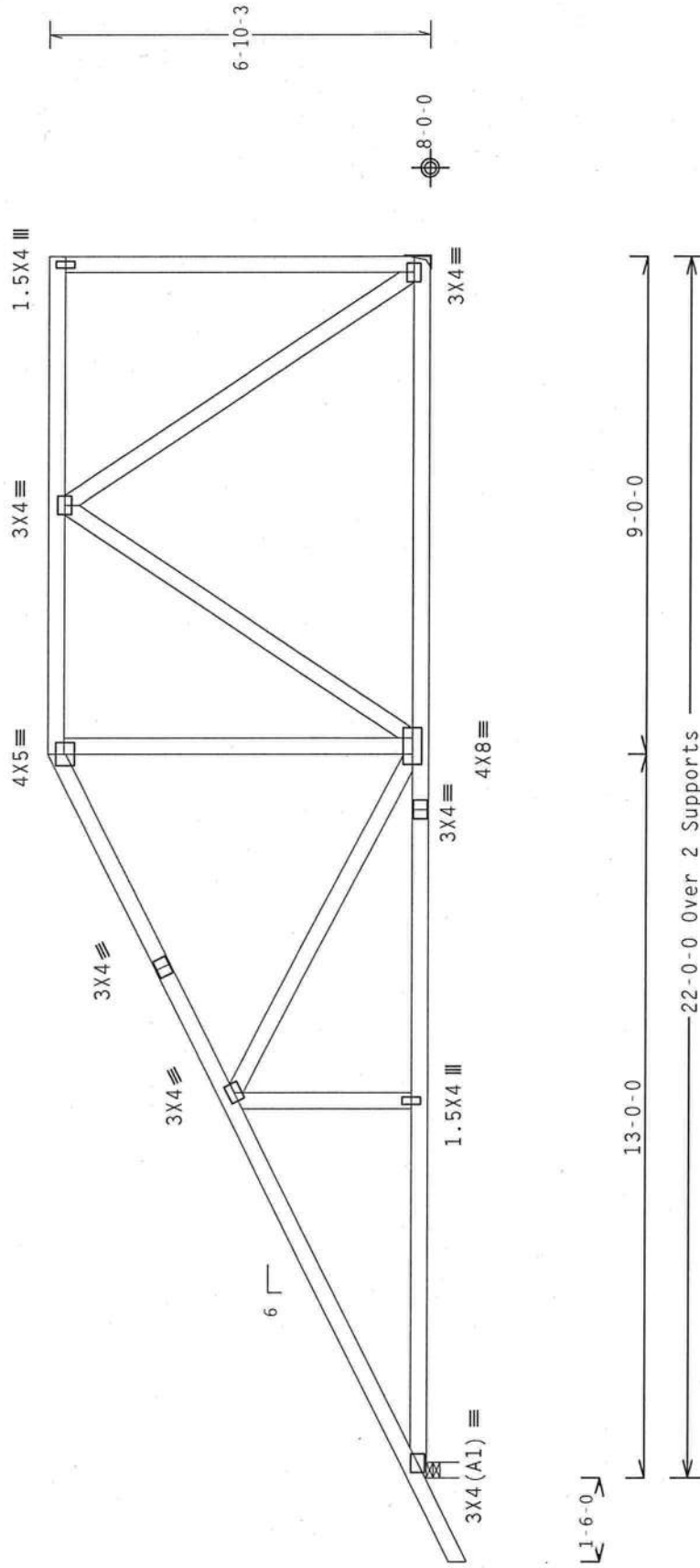
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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.

Right end vertical not exposed to wind pressure.

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



R=1016 U=180 W=3.5"

22'-0'-0" Over 2 Supports

R=896 U=180 H=Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

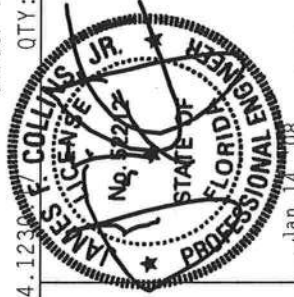
Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487 --	88369
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011019
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN	94963	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1TE2487	Z01

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

****WARNING**** TRUSSES REQUIRING 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, 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 2018/166A (M-H/SS/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. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SIGNATURE INDICATES THE ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE DESIGNER'S USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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

Right end vertical not exposed to wind pressure.

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



R-896 U=180 H-Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Scale = .3125"/Ft.

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

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

TC LL	20.0	PSF	REF R487--	88370
TC DL	10.0	PSF	DATE	01/11/08
BC DL	10.0	PSF	DRW	HCU8R487 08011018
BC LL	0.0	PSF	HC-ENG	EC/DF
TOT.LD.	40.0	PSF	SEON-	94971
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1TE2487 Z01

WARNING RUSSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TIGID CLING.

****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 AISC) AND TPI. CORROSION RESISTANT PLATES ARE MADE OF 70/10/17/66A (4-11/16X5/16) ASTM A563 GRADE 40/60 (4/ K/15) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PERFORM INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 43 OF TPI-2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1/PI SEC. 2.

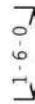
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 00279

Haines City, FL 33844
FL Certificate of Authorization # 0378

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.

Right end vertical not exposed to wind pressure.

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



22-0-0 Over 2 Supports

R=1016 U=180 W=3.5"

R-896 U-180 H=Simpson LUS26
w/ (3) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7.24.1230

Scale = .3125"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PROPER BRACING AND SAFETY INFORMATION, PUBLISHED BY TPI CROSS PLATE INSTITUTE, 218 NORTH LEE STREET, MADISON, WI 53710, TOP SAFETY PRACTICES PRIOR TO PERSONAL USE, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEELING.



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



Haines City, FL 33844
FL Certificate of Authorization # 0278

TC LL	20.0 PSF	REF R487 -- 88371
TC DL	10.0 PSF	DATE 01/11/08
BC DL	10.0 PSF	DRW HCUR487 08011017
BC LL	0.0 PSF	HC-ENG EC/DF
TOT.LD.	40.0 PSF	SEQN- 94981
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TE2487 Z01

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

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

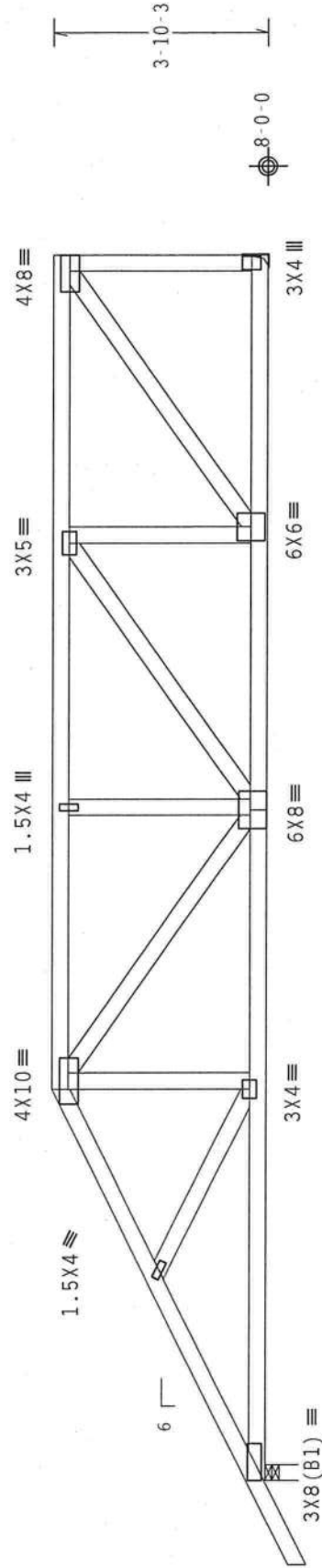
#1 hip supports 7-0-0 jacks with no webs.

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.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



L1-6-0

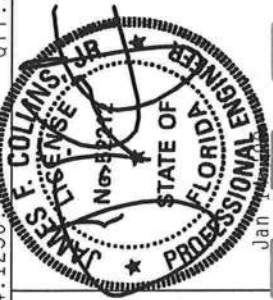
7-0-0
15-0-0
22-0-0 Over 2 Supports
R=1828 U=180 W=3.5"

R=1955 U=180 H=Simpson HUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2x6 min. So.Pine

Design Crit: TPI-2002(STD)/FBC

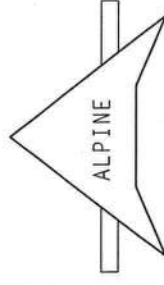
Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487--	88372
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011016
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN-	94992	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1TE2487	Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI, TRUSS-TECH INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (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 AIA/PJ) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/10/16GA (4-H/55/15) ASTM A653 GRADE 40/60 (4, 4/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ALL TRUSSES SHALL BE SHIPPED AND HANDLED AS PER TPI-2002, SEC.3. A SEAL ON THIS 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.



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

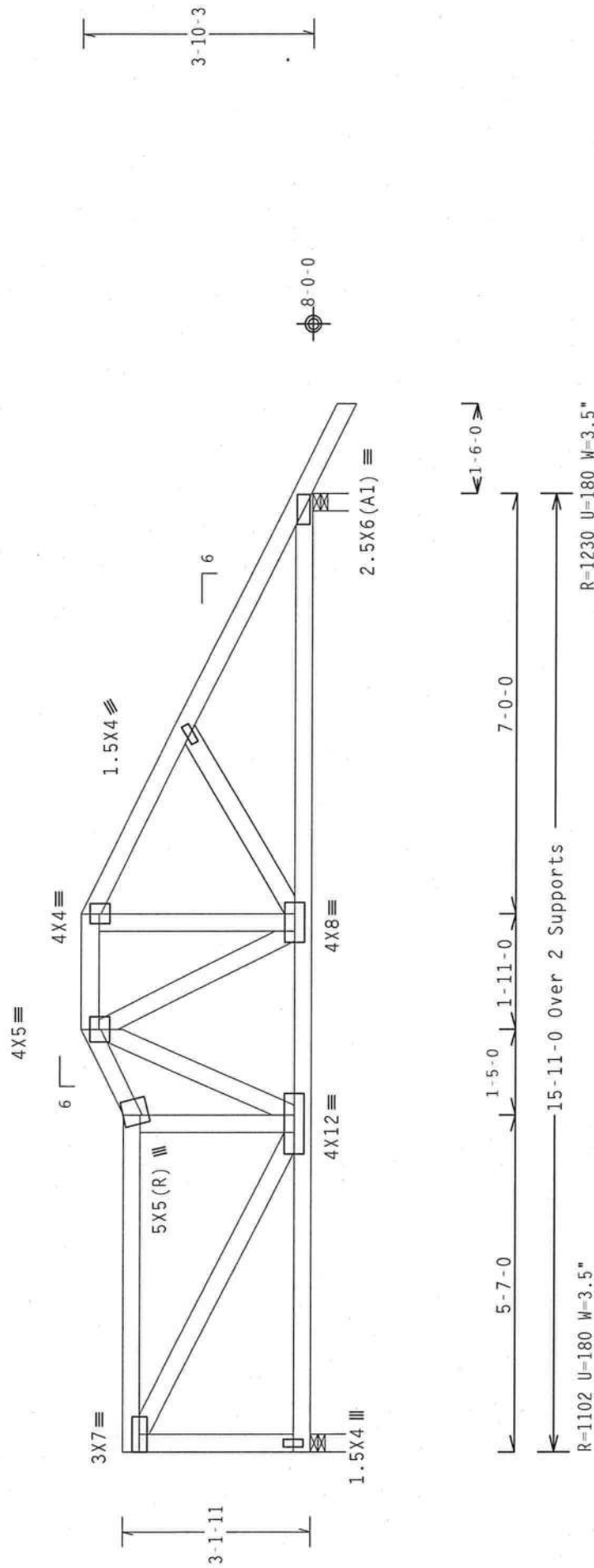
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg,
Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf.

Left end vertical not exposed to wind pressure.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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



Design Crit: TPI-2002(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SPECIFICATIONS OF MANUFACTURER. PUBLISHED BY THE CROSS PAPER INSTITUTE, 630 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-5470, USA. TEL: 703/544-1200, FAX: 703/544-1201, WWW.CROSSPAPER.COM. © 2004 CROSS PAPER INSTITUTE, ALL RIGHTS RESERVED. THIS DOCUMENT IS THE PROPERTY OF CROSS PAPER INSTITUTE. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM CROSS PAPER INSTITUTE. THE USER OF THIS DOCUMENT AGREES TO HOLD CROSS PAPER INSTITUTE HARMLESS FROM ANY AND ALL LIABILITY, INCLUDING REASONABLE ATTORNEY'S FEES, IN CONNECTION WITH THE USE OF THIS DOCUMENT. THE USER OF THIS DOCUMENT SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

$Cq/RT=1.00(1.25)/10(0) \quad 7.$

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS. (NATIONAL DESIGN SPEC., BY AISC) AND TPI. 1TH BCG

CONNECTION PLATES ARE MADE OF 2018/16GA (44/355K) ALUM. A53 GRADE 40/60 (N. K/H-S5) GALV. STEEL. APPLY

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

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

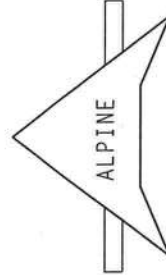
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DESIGNING DESIGNER PER ANNEX/TPI 1 SEC. 2.



Jan 14 08

PLT TYP. Wave



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

Haines City, FL 33844
 FI Certificate of Authorization # 0278

Scale = .375"/Ft.

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

RFF R487-- 88373

DATE 01/11/08

DATE 01/11/00

JRW HCUSR487 08011002

HC-ENG EC/DF

SEQN- 94910

JREF- 1TF2487 701

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

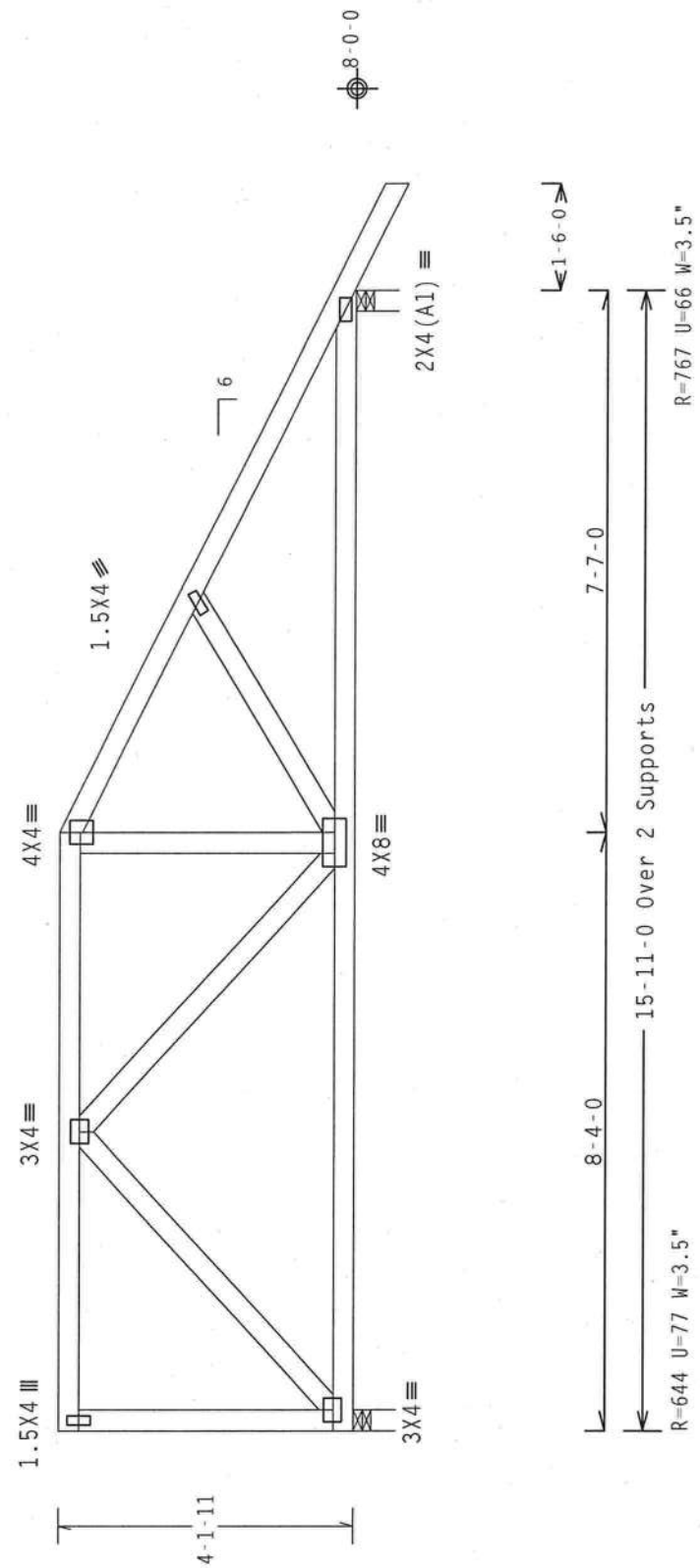
Left end vertical not exposed to wind pressure.

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

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.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

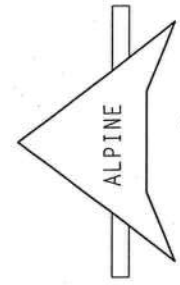
7.24.1230

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

Scale = .375"/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 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. 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. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/166A (4-H/55/K) ASTM A653 GRADE 40/60 (4, 4/H, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION BY PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. 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.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0-528



REF	R487--	88374
DATE	01/11/08	
DRW	HCUSR487	08011008
HC-ENG	EC/DF	*
SEQN-	32527	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1TE2487	Z01

Top chord 2x6 SP #2 :T2 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From 62 PLF at 0.00 to 62 PLF at 17.42
BC - From 20 PLF at 0.00 to 20 PLF at 15.92
BC - From 4 PLF at 15.92 to 4 PLF at 17.42
BC - 1486 LB Conc. Load at 0.85, 2.85, 4.85, 6.85
BC - 4042 LB Conc. Load at 8.79

Left end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)

Top Chord: 1 Row @ 6.00" o.c.

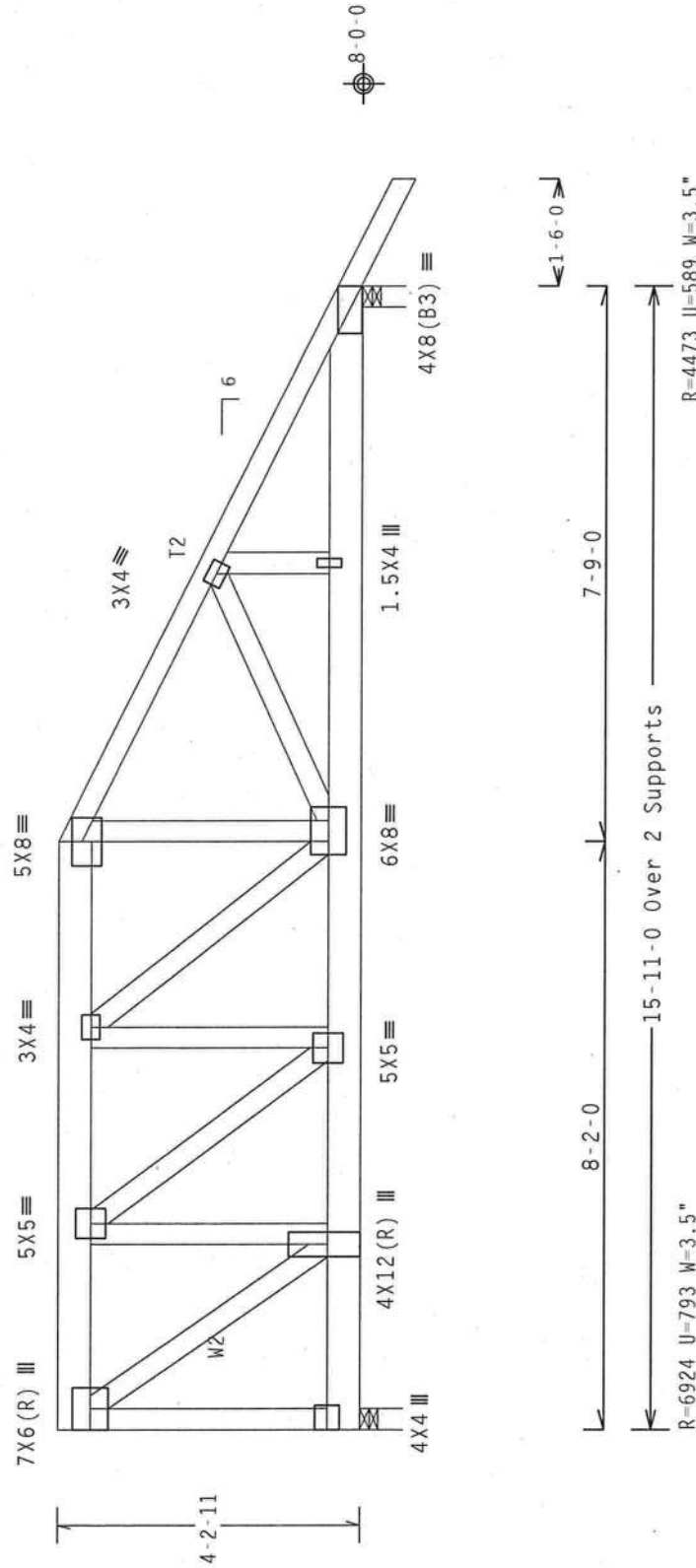
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)

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.

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



R=6924 U=793 W=3.5"

15-11-0 Over 2 Supports

R=4473 U=589 W=3.5"

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.24.1230.17

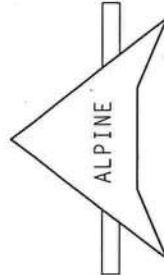
QTY: 1 FL/-/4/-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF R487 --	88375
TC DL	10.0 PSF	DATE	01/11/08
BC DL	10.0 PSF	DRW	HCUSR487 08011004
BC LL	0.0 PSF	HC-ENG	EC/DF
TOT.LD.	40.0 PSF	SEQN-	94904
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TE2487 Z01

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI, (UNLESS OTHERWISE NOTED), NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (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 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. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, 6/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS PLATE INDICATES THE PLATE IS FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ANNEX INDICATES THE PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER SHOWS THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



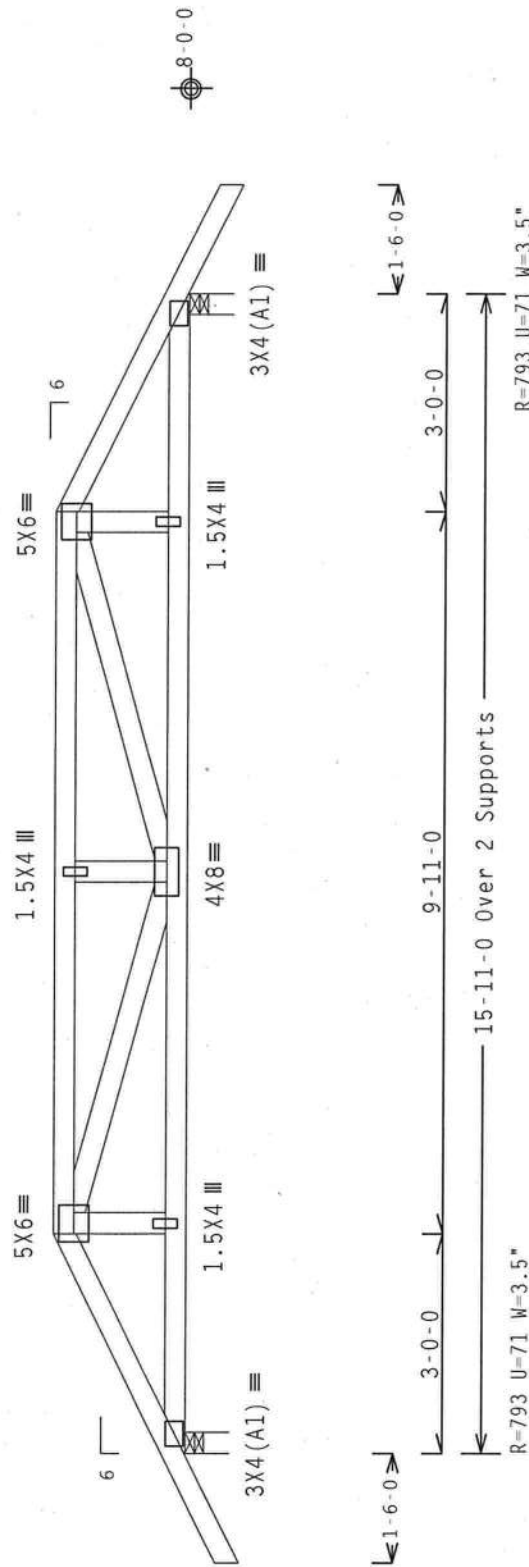
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0-578

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.

#1 hip supports 3-0-0 jacks with no webs.

#1 trip supports 3-0-0 Jacks with no weds.



Design Crit: TPI-2002(STD)/FBC

 $Cq/RT=1.00(1.25)/10(0)$ 7 24 1230.

QTY:1 FL/-/4/-/-/R/-/ Scale =.375"/Ft.

PLT TYP. Wave

WARNING: THROTTLES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE DEVICES (INCLUDING COMPONENTS) ARE AVAILABLE FROM RUSS (RUSS PLATE INSTITUTE, 218 NORTH LEE STREET, MADISON, WI 53703) AND RUSS (RUSS GROUP OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PURPOSES. WHEN PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

Haines City, FL 33844
FL Certificate of Authorization # 0278

Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 0278

SPACING 24.0"

Jan 14 08

JREF- 1TF2487 701

Top chord 2x4 SP #2 Dense : 12 2x6 SP #2 :
Bot chord 2x4 SP #5
Webs 2x4 SP #3 : W2 2x4 SP #2 Dense:

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 1.50 to 62 PLF at 17.42
BC - From 4 PLF at 1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 15.92
BC - From 4 PLF at 15.92 to 4 PLF at 17.42
BC - 4041 LB Conc. Load at 7.13
BC - 1486 LB Conc. Load at 9.06, 11.06, 13.06, 15.06

This truss is not reversible. Per
ANSI/TPI 1-2002, Section 2.4.3 Truss
Manufacturer is responsible to provide
information for proper orientation of
trusses. This information shall be
provided to the contractor.

THIS TRUSS MAY NOT BE FLIPPED
END FOR END. MARK FOR PROPER
ERECTION OR BUILD SYMMETRICAL
FOR WORST CONDITION.

2 COMPLETE TRUSSES REQUIRED

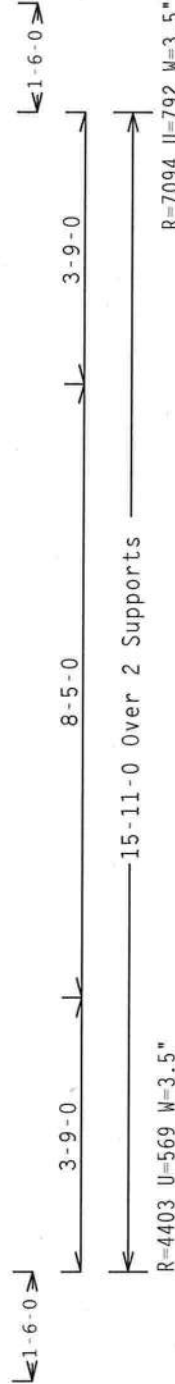
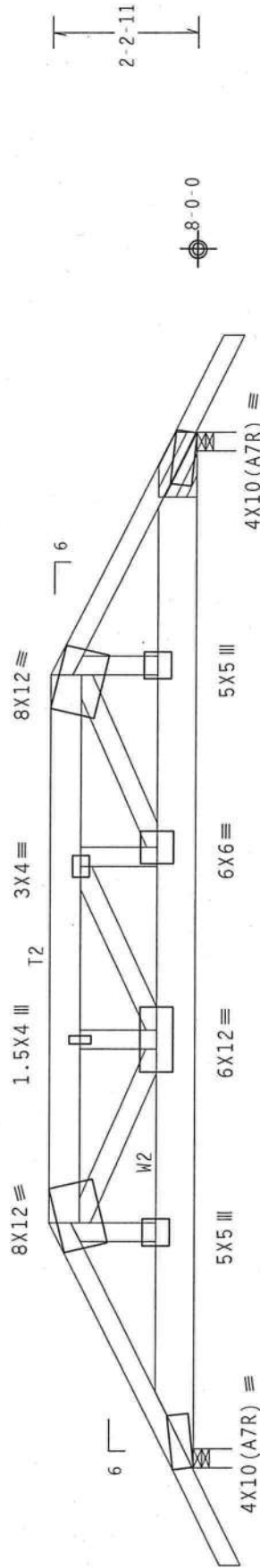
Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.)_nails)
Top Chord: 1 Row @ 4.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

Bearing blocks: Nail type: 12d Box or Gun (0.128"x3.25", min.)_nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 15.625' 1 12" 10 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK1103 for additional information.

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.

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

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



R=4403 U=569 W=3.5"

R=7094 U=792 W=3.5"

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

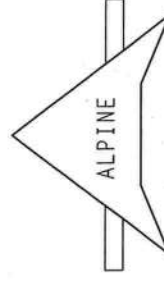
7.24.1230

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

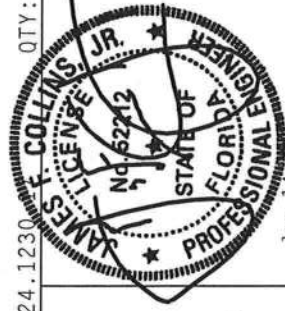
Scale = .375"/Ft.

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, 230 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) 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 2010/1604 (4-N/SS/2) ASTM A653 GRADE 40/60 (4-N/SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATE TRUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS AND THE 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



Jan 14 '08

JREF - 1TE2487 Z01

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

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 84 PLF at 1.50 to 84 PLF at 1.63
TC - From 84 PLF at 1.63 to 84 PLF at 6.29
TC - From 84 PLF at 6.29 to 84 PLF at 12.04
TC - From 84 PLF at 12.04 to 84 PLF at 14.08
BC - From 4 PLF at 1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 12.58
BC - From 4 PLF at 12.58 to 4 PLF at 14.08

Wind reactions based on MWFRS pressures.

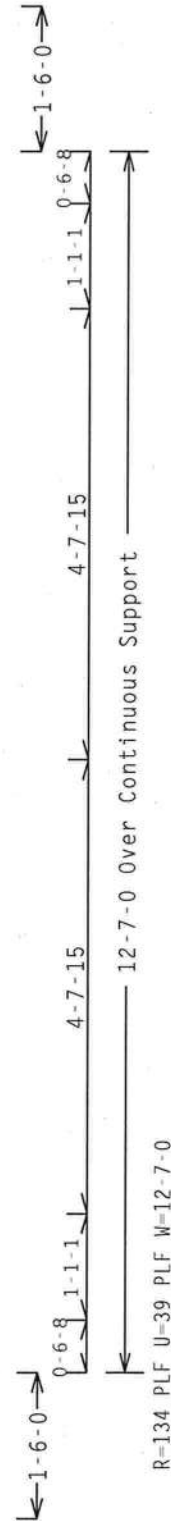
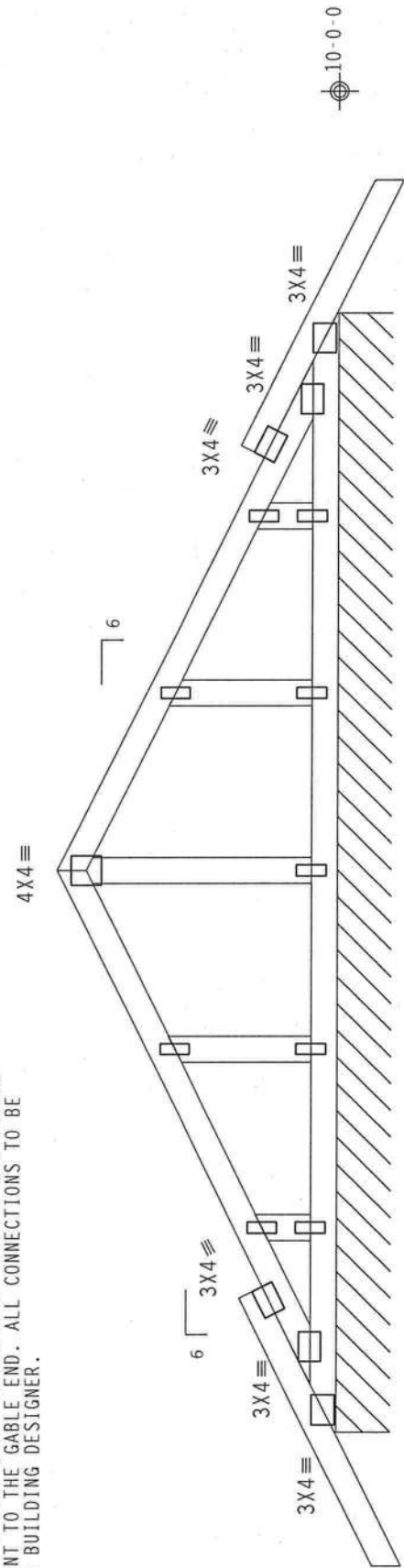
THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.06 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

See DWGS A11015EE0207 & GBLLETI0207 for more requirements.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.24.1230

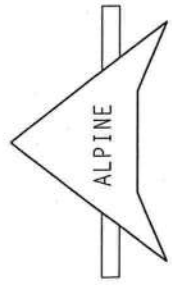
FL/-1/4/-1/R/-

Scale = .5"/Ft.

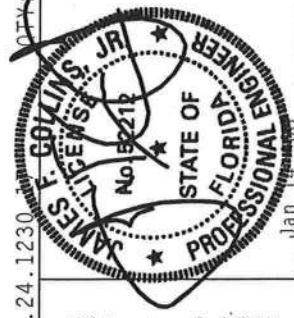
REF	R487--	88378
DATE	01/11/08	
DRW	HCUSR487	08011025
HC-ENG	EC/DF	
SEQN	32500	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1TE2487	Z01

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE NATIONAL COUNCIL OF TRUSS AND ROOFING, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WEA (WOOD ENGINEERING ASSOCIATES 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 AIA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (40/55/K) ASTM A563 GRADE 40/60 (40/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS ANNEX A3 SHALL BE THE FINAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



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

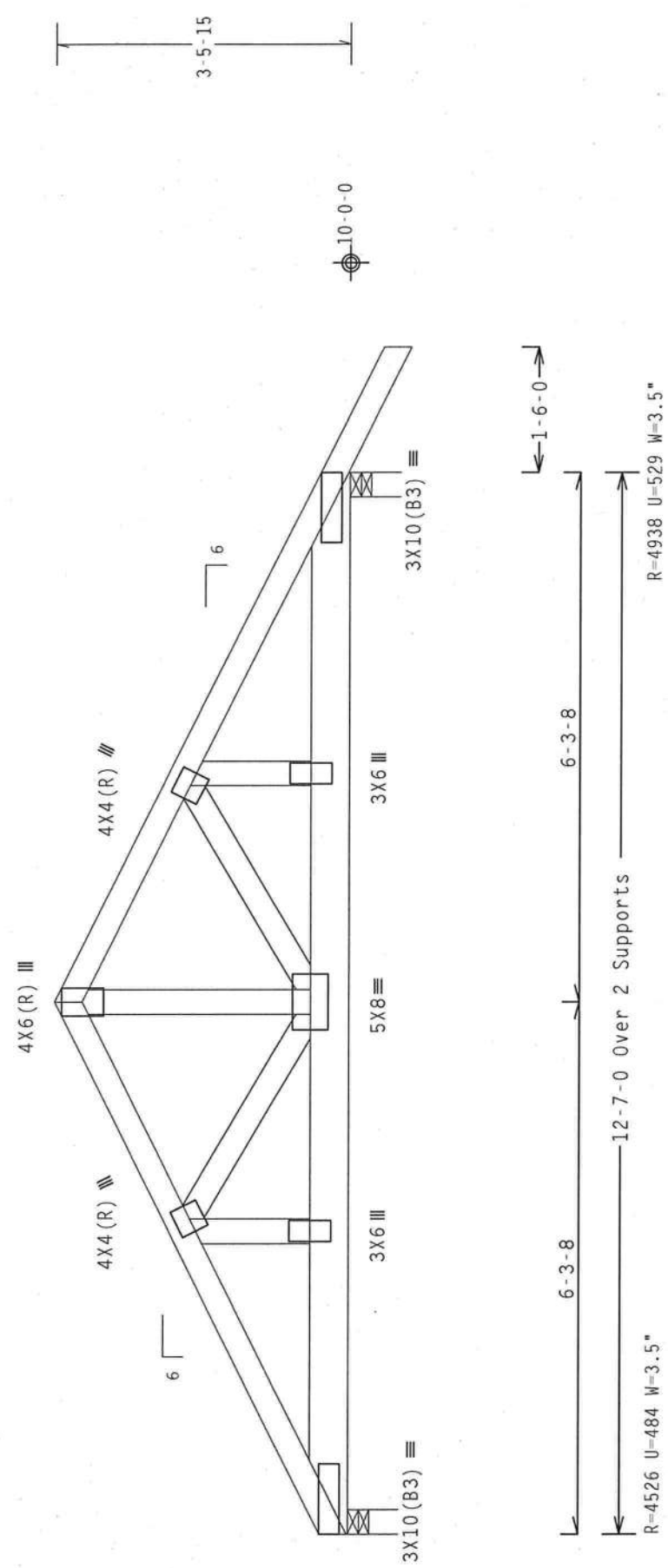
SPECIAL LOADS

TC - From	62 PLF at 0.00 to 12.58	DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25
BC - From	20 PLF at 0.00 to 12.58	62 PLF at 14.08
BC - From	4 PLF at 12.58 to 14.08	20 PLF at 12.58
BC - 1342 LB Conc. Load at 1.52		4 PLF at 14.08
BC - 1410 LB Conc. Load at 3.52		
BC - 1424 LB Conc. Load at 5.52		7.52
BC - 1392 LB Conc. Load at 9.52		
BC - 1336 LB Conc. Load at 11.52		

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.)_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.
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.
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.



PLT TVP. Wave
Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.17

QTY:1 FL/-4/-/R/-
Scale = .5" /Ft.

REF	R487--	88380
DATE	01/11/08	
DRW	HCUSR487	08011020
HC-ENG	EC/DF	
SEQN	94826	
DUR.FAC.	1.25	
SPACING	24.0"	
JREF	1TE2487	Z01

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION) FOR INFORMATION ON THE PROPER HANDLING OF TRUSSES. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS CHAIRS 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 (4-H/55/5) ASTM A653 GRADE 40/60 (4, 4/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 A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES 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.

ALPINE

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



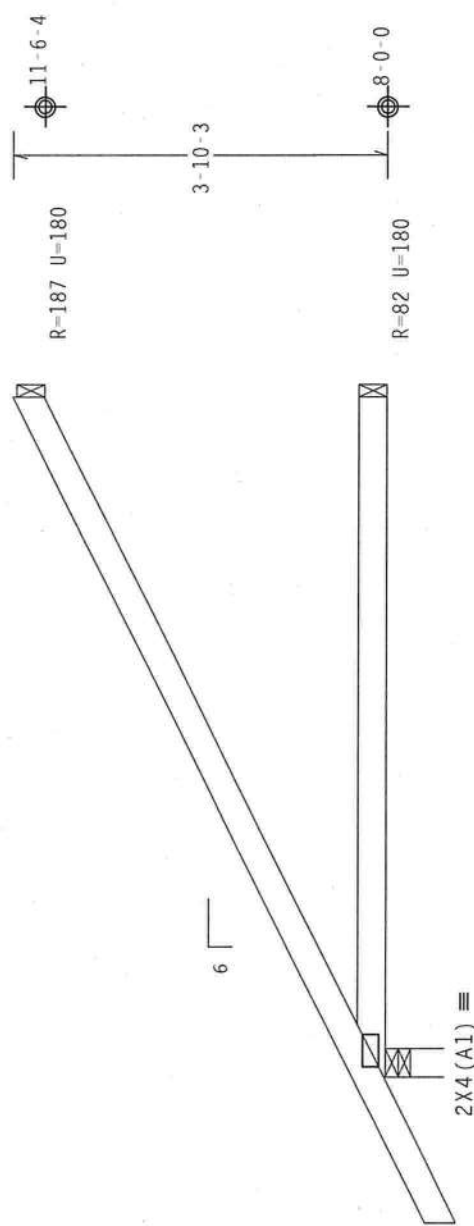
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



← 1'-6" →

6'-5-8
7'-0-0 Over 3 Supports
R=408 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

QTY: 33

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

Scale = .5" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE TRUSS MANUFACTURER'S INSTRUCTIONS FOR DETAILED INFORMATION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DESIGN AND THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS FABRICATION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS INSTALLATION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS MAINTENANCE. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REPAIR. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REPLACEMENT. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REMOVAL. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DEMOLITION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DISPOSAL. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS RECYCLING. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REUSE. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REPAIR. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REPLACEMENT. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REMOVAL. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DEMOLITION. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS DISPOSAL. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS RECYCLING. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS REUSE.

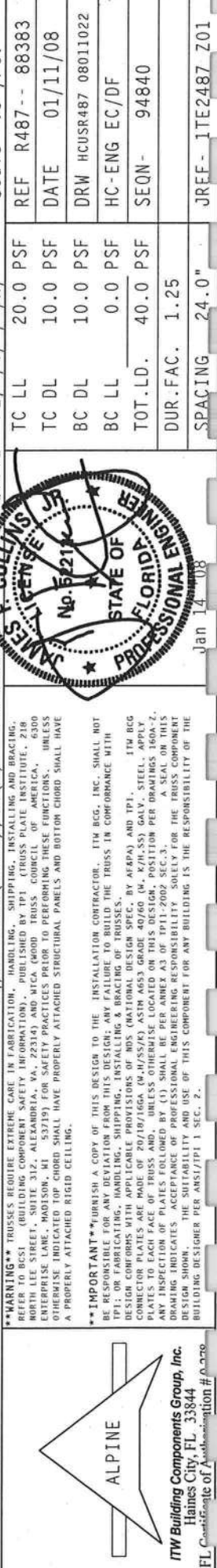
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PFA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/166A (A/N/SS/K) ASTM A653 GRADE 40/60 (H, K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

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

SEAN F. GOLLINS, JR.
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 14, 2006

TC LL	20.0 PSF	REF	R487--	88382
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011001
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN-	94833	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1TE2487	Z01



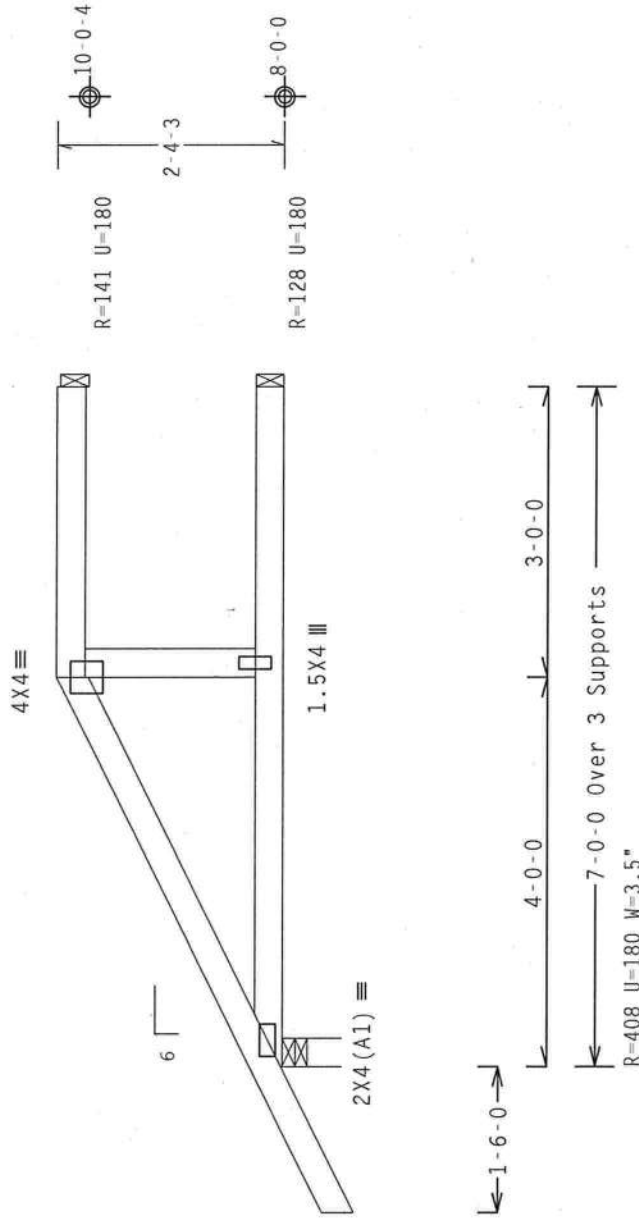
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0)

7.24.1230

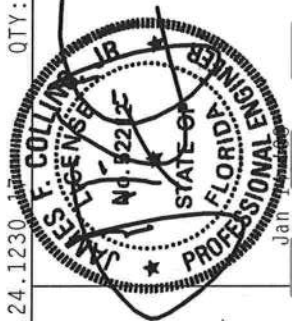
QTY:1

Scale = .5" /Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD 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.



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

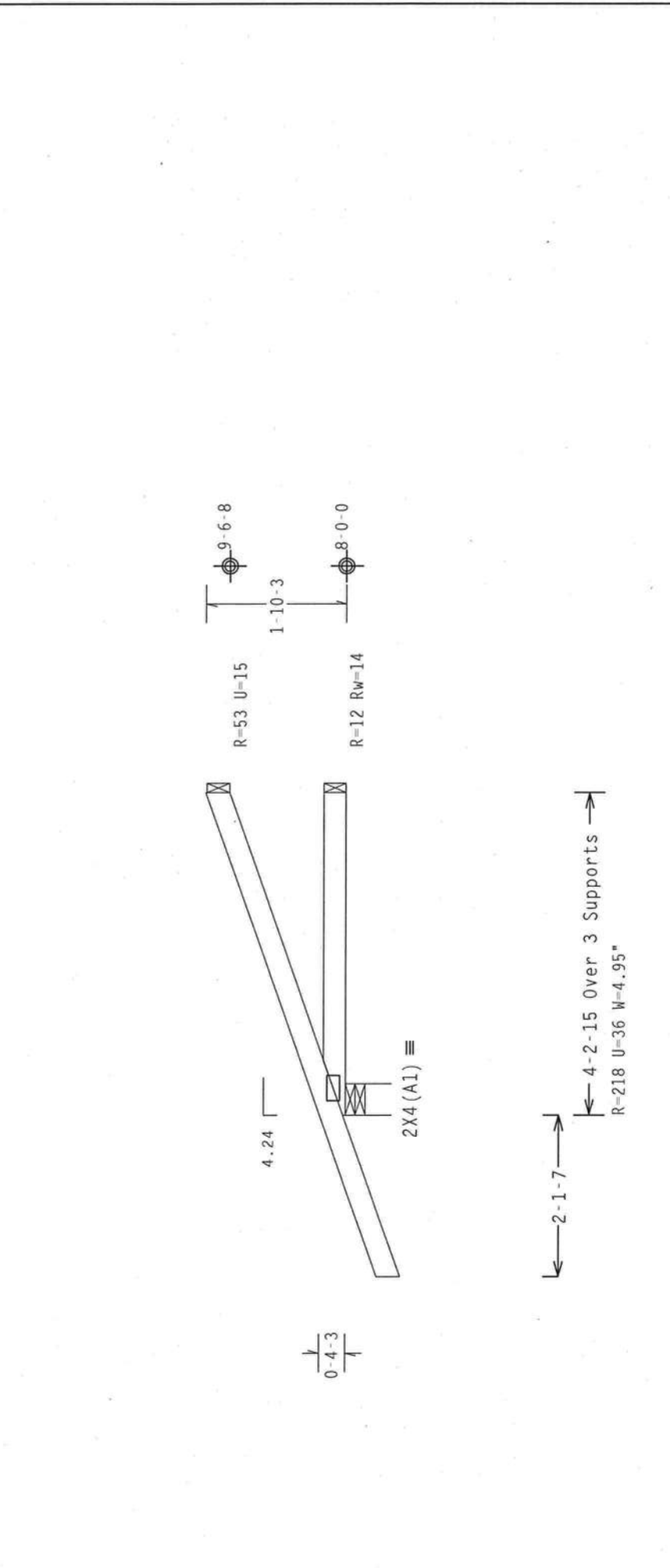


TC LL	20.0 PSF	REF	R487--	88384
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011023
BC LL	0.0 PSF	HC-ENG	EC/DF	*
TOT.LD.	40.0 PSF	SEQN	94846	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	ITE2487	Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
In lieu of structural panels or rigid ceiling use purlins to brace TC
@ 24" OC, BC @ 24" OC.

Hipjack supports 3-0-0 setback jacks with no webs.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. lw=1.00 GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

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

TC LL	20.0 PSF	REF	R487--	88385
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUSR487	08011027
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN-	32512	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1TE2487	Z01

Jan 14 '08

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

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

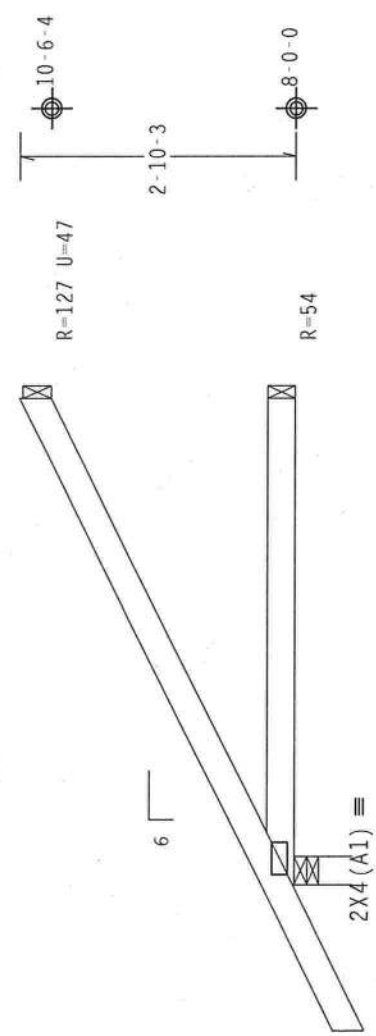
In lieu of structural panels or rigid ceiling use purlins to brace TC
@ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.

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.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



← 1-6-0 →

← 5-0-0 Over 3 Supports →
4-5-8
R=331 U=21 W=3.5"

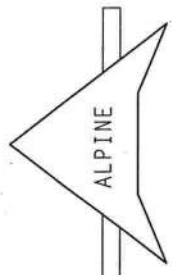
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0)

QTY:10 FL/-/4/-/R/-

Scale = .5"/Ft.



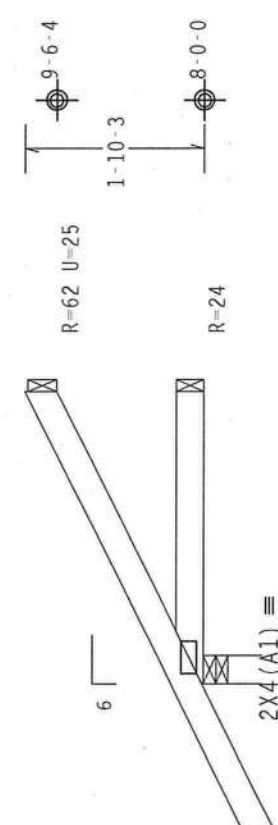
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

STATE OF FLORIDA
PROFESSIONAL ENGINEER
JAMES F. COLLINS, P.E.
No. 52922
Jan 2002

TC LL	20.0	PSF	REF	R487--	88386
TC DL	10.0	PSF	DATE	01/11/08	
BC DL	10.0	PSF	DRW	HCUSR487	08011010
BC LL	0.0	PSF	HC-ENG	EC/DF	*
TOT.LD.	40.0	PSF	SEQN	32546	
DUR.FAC.	1.25				
SPACING	24.0"		JREF	1TE2487	Z01

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, lw=1.00 GCpf (+/-)=0.18

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



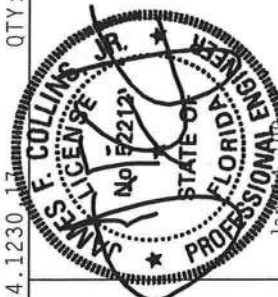
←1-6-0→

5-0-0 Over 2-5-8 Supports

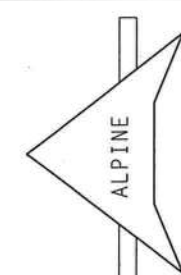
Design Crit: TPI-2002(STD)/FBC

Scale = 5" / Ft.

TC LL	20.0 PSF	REF R487 -- 88387
TC DL	10.0 PSF	DATE 01/11/08
BC DL	10.0 PSF	DRW HCUR487 08011011
BC LL	0.0 PSF	HC-ENG EC/DF *
TOT.LD.	40.0 PSF	SEQN- 32547
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TE2487 Z01



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 STEEL STREET, SUITE 317, AMHERSTVILLE, OH 44001) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 STATE ROUTE 10, HADSPER, VA 22941). THESE INFORMATION SHEETS PROVIDE THE BASIC DESIGNING FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.



ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0079

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

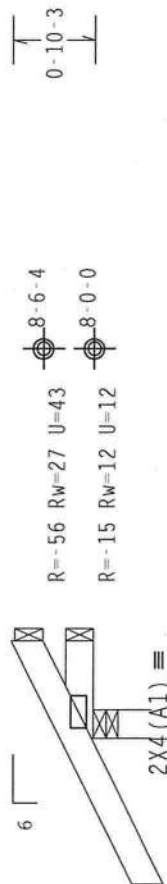
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

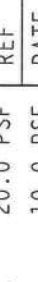


← 1-6-0 →
1-0-0 Over 3 Supports
R=254 U=49 W=3.5"

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

PLT TYP. Wave

QTY:14 FL/-/4/-/-/R/-
Scale = .5" / Ft.



Alpine

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

****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 100, ALEXANDRIA, VA 22304) AND TPI TRUSS COMPANY 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/PS) AND TPI. 1TH BCG GUSSET PLATES ARE MADE OF 201/163/16GA (A-H/SS/575) ASH A663 GRADE 40/60 (Q, K/H-SS) GALV. STEEL. APPLY WELDS TO EXPOSED SURFACES UNLESS OTHERWISE NOTED ON THIS DESIGN. POSITION PER DRAWINGS 160A-72. ANY INSPECTION OF PLATES FOLLOWED BY REPAIRS SHALL BE AT THE USER'S RISK PER 11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE 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 7, 2020

Certificate of Authorization #02278

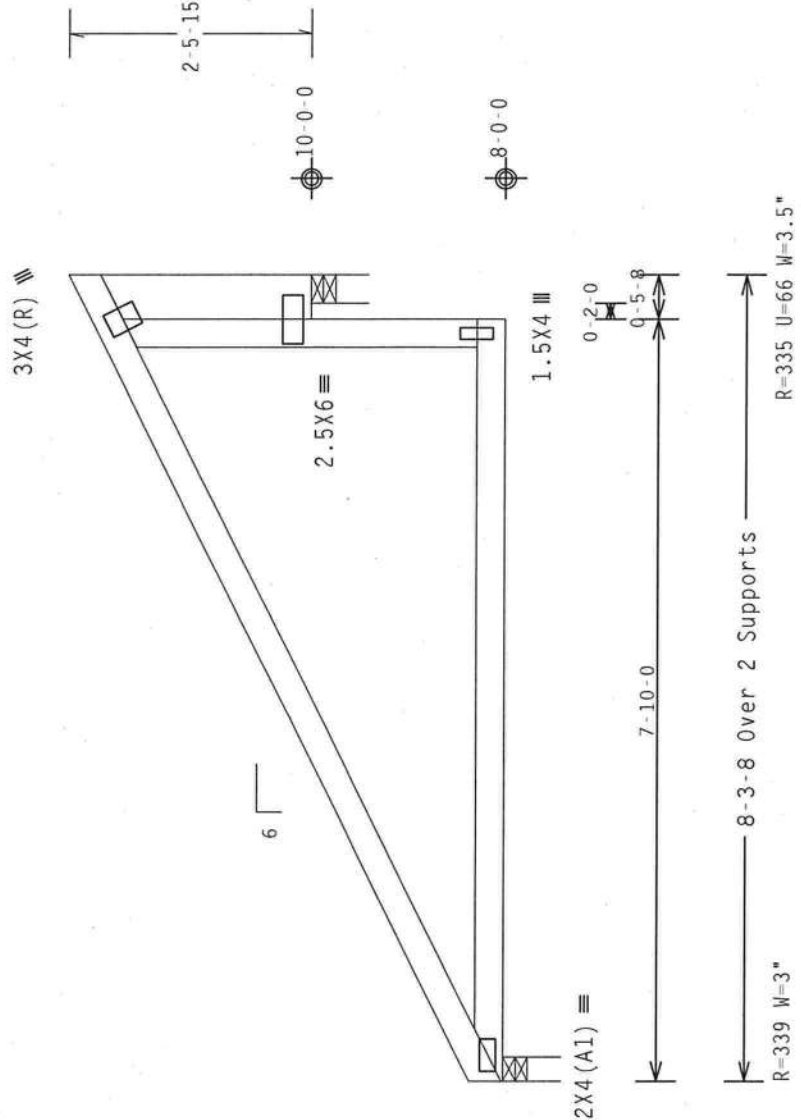
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

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

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

Wind reactions based on MWFRS pressures.

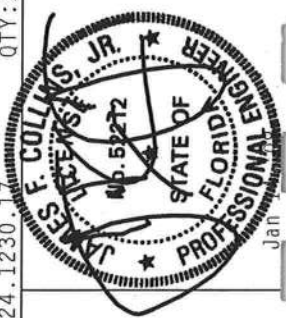
Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



Design Crit: TPI-2002 (STD) / FBC

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

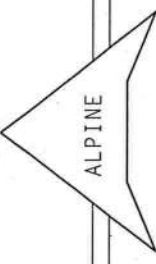
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TC DL	10.0 PSF	DATE	01/11/08
BC DL	10.0 PSF	DRW	HCUSR487 08011030
BC LL	0.0 PSF	HC-ENG	EC/DF
TOT.LD.	40.0 PSF	SEQN	32542
DUR.FAC.	1.25		
SPACING	24.0"	JREF	ITE2487 Z01



****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 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 CORRECTION PLATES ARE MADE OF 20/10/1066 (W/H/SS/8) ASTM A653 GRADE 40/60 (W. K/H-SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES, FOLLOWED BY TPI. ITW BCG SHALL BE SOLELY RESPONSIBLE FOR THE TRUSS COMPANY'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 9278

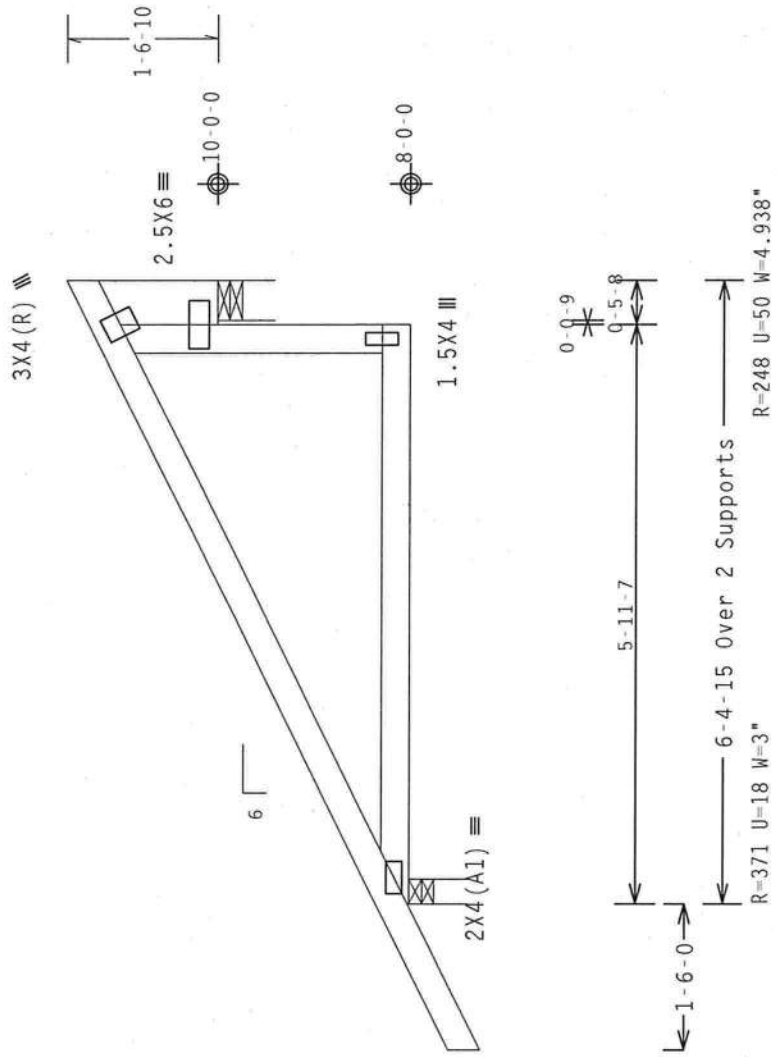
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

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

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.

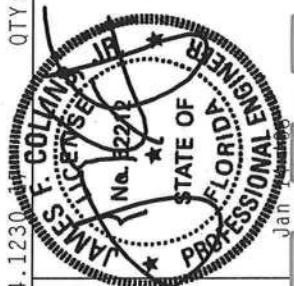
Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-/4/-/-/R/- Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R487-- 88391
TC DL	10.0 PSF	DATE	01/11/08
BC DL	10.0 PSF	DRW	HCUSR487 08011031
BC LL	0.0 PSF	HC-ENG	EC/DF
TOT.LD.	40.0 PSF	SEQN-	32528
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TE2487 Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENTS SPECIFICATIONS FOR ALL TRUSS MANUFACTURING AND INSTALLATION. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND VICA (WOOD TRUSS, CONCRETE, CORRUGATED METAL, ENTERPRISE LAME, 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 20/18/16GA (M-H/SS/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 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE SUSTAINABLE DESIGN OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER'S USE. THE SUSTAINABLE DESIGN 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 #0270

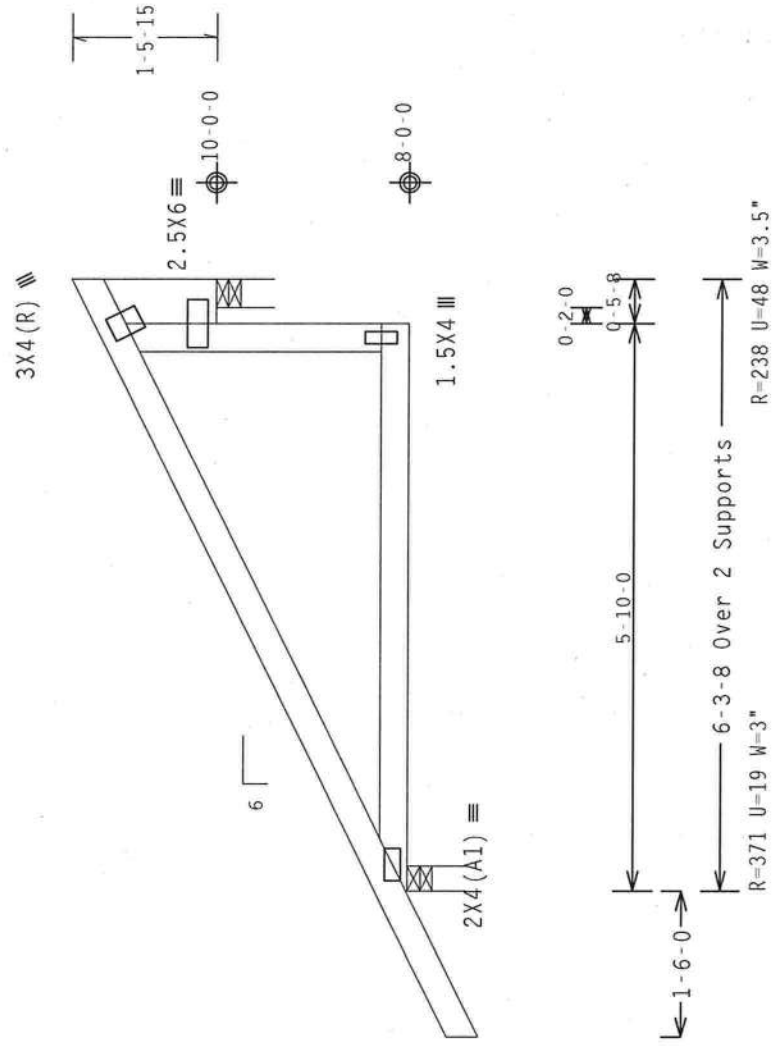
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

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

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 GCpf(+/-)=0.18

Wind reactions based on MWFRS pressures.

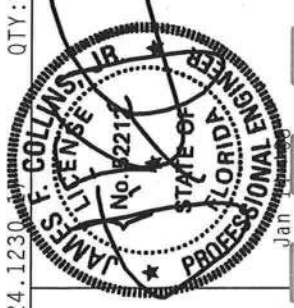
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

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

TC LL	20.0 PSF	REF	R487--	88392
TC DL	10.0 PSF	DATE	01/11/08	
BC DL	10.0 PSF	DRW	HCUR487	08011032
BC LL	0.0 PSF	HC-ENG	EC/DF	
TOT.LD.	40.0 PSF	SEQN	32529	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1TE2487	Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS COUNCIL OF AMERICA, 6300 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/1706A (M-17/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, 160A-3, 160A-4, 160A-5, 160A-6, 160A-7, 160A-8, 160A-9, 160A-10, 160A-11, 160A-12, 160A-13, 160A-14, 160A-15, 160A-16, 160A-17, 160A-18, 160A-19, 160A-20, 160A-21, 160A-22, 160A-23, 160A-24, 160A-25, 160A-26, 160A-27, 160A-28, 160A-29, 160A-30, 160A-31, 160A-32, 160A-33, 160A-34, 160A-35, 160A-36, 160A-37, 160A-38, 160A-39, 160A-40, 160A-41, 160A-42, 160A-43, 160A-44, 160A-45, 160A-46, 160A-47, 160A-48, 160A-49, 160A-50, 160A-51, 160A-52, 160A-53, 160A-54, 160A-55, 160A-56, 160A-57, 160A-58, 160A-59, 160A-60, 160A-61, 160A-62, 160A-63, 160A-64, 160A-65, 160A-66, 160A-67, 160A-68, 160A-69, 160A-70, 160A-71, 160A-72, 160A-73, 160A-74, 160A-75, 160A-76, 160A-77, 160A-78, 160A-79, 160A-80, 160A-81, 160A-82, 160A-83, 160A-84, 160A-85, 160A-86, 160A-87, 160A-88, 160A-89, 160A-90, 160A-91, 160A-92, 160A-93, 160A-94, 160A-95, 160A-96, 160A-97, 160A-98, 160A-99, 160A-100. A SEAL ON THIS DESIGN SHOWN THE SUITABILITY 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 #00000000

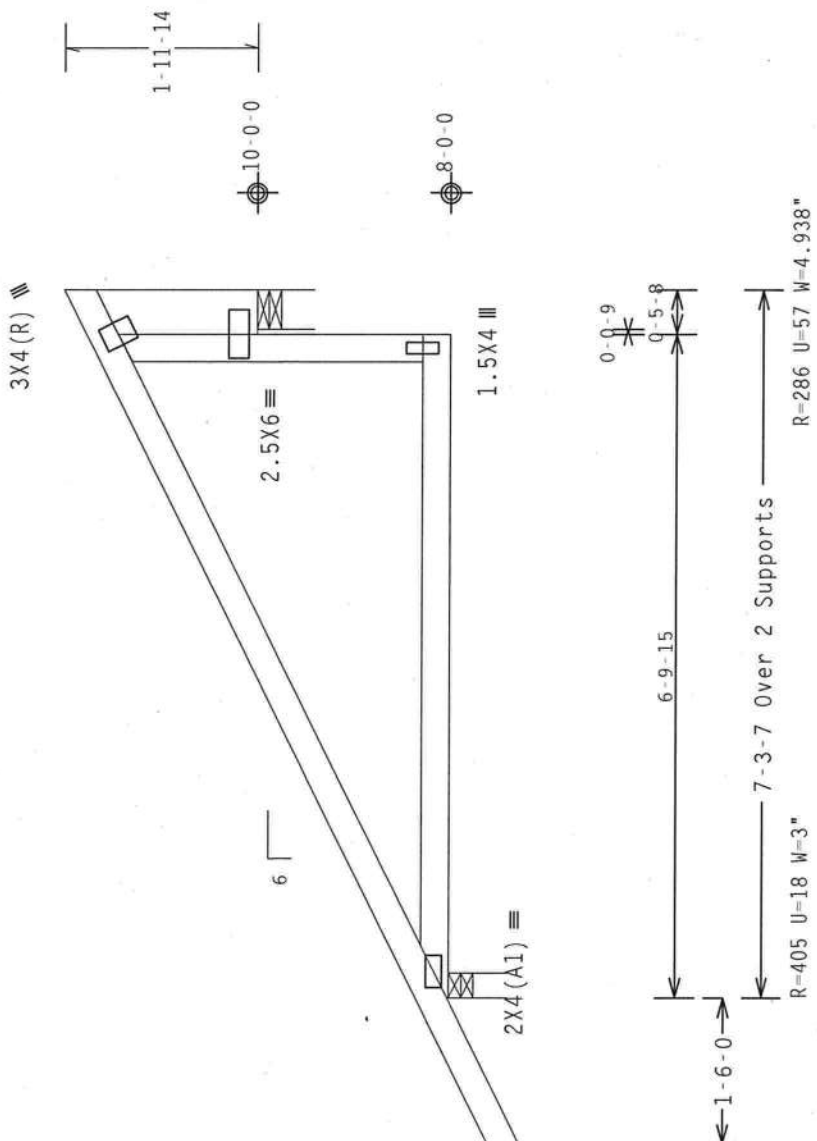
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x6 SP #2:

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

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 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

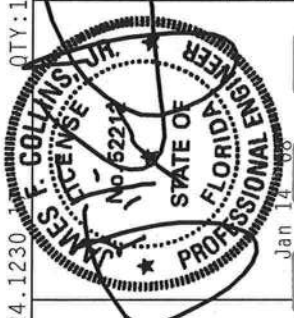
Deflection meets L/360 live and L/240 total load. Creep increase
factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0)

Scale = 5" / Ft.

REF	R487--	88393
DATE	01/11/08	
DRW	HCUSR487	08011033
HC-ENG	EC/DF	
SEQN-	32530	
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	
JREF-	1TE2487	Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), BUILDING CODES, TPI-2002(STD)/FBC, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304, AND WEA (WOOD TRUSS COUNCIL OF AMERICA), 2100 ENTERPRISE LANE, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/W/SS/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. 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 #0279

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	T OR L-BRACE	ALTERNATIVE BRACING
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.

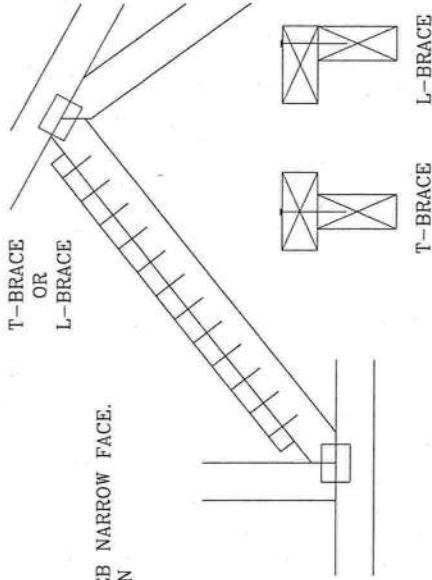
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

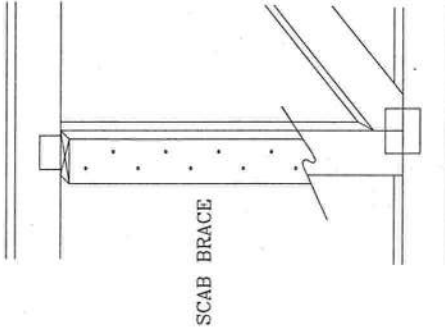
L-BRACING:

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

 ALPINE BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA	TC LL	PSF	REF	CLB SUBST.
	TC DL	PSF	DATE	2/23/07
	BC DL	PSF	DRWG	BRCLBSUB0207
	BC LL	PSF	-ENG	MLH/KAR
	TOT. LD.	PSF		
DUR. FAC.				
SPACING				

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PRODUCTION INSTITUTE), 210 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22304 AND VTCA (WOOD TRUSS COUNCIL OF AMERICA), 5300 ENTERPRISE LN., MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

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 TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND THE ITV BCG CONNECTOR PLATES ARE MADE OF 2018/16GA C4H/SS/303 ASTM A653 GRADE 40/60 C/K/H/SS. ITV BCG CONNECTOR PLATES ARE MADE OF 2018/16GA C4H/SS/303 ASTM A653 GRADE 40/60 C/K/H/SS. DESIGN, POSITION PER DRAWINGS 1604-2 ANY INSPECTION OF PLATES FOR THIS PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

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

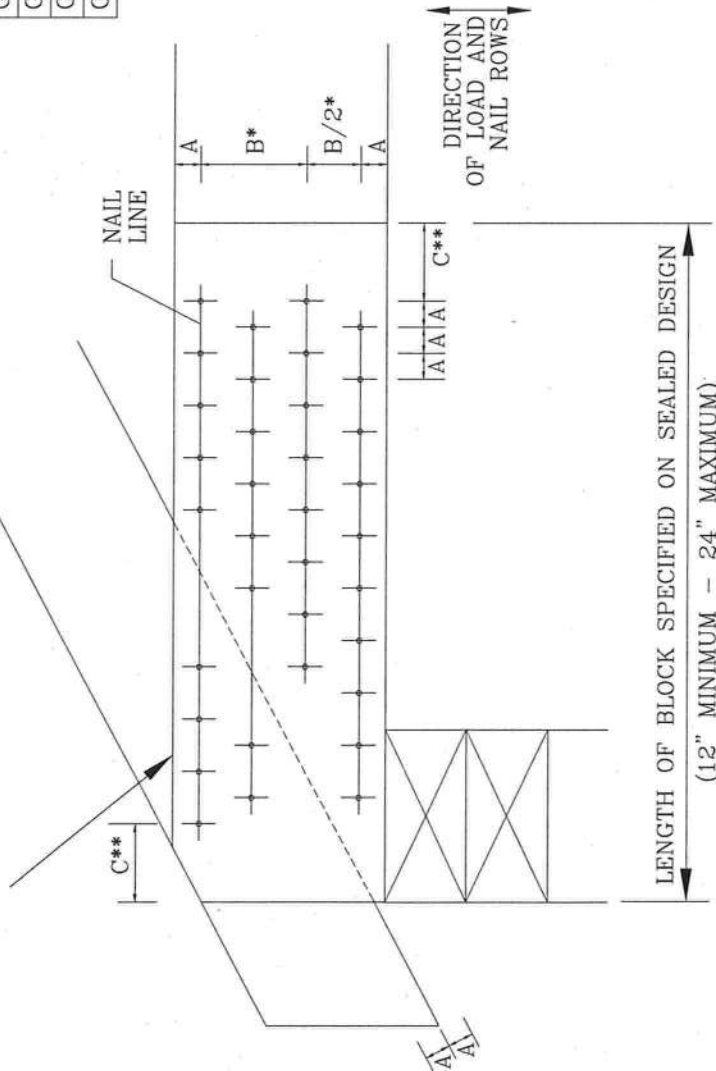
BEARING BLOCK NAIL SPACING DETAIL

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

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

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

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



MINIMUM NAIL SPACING DISTANCES

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

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

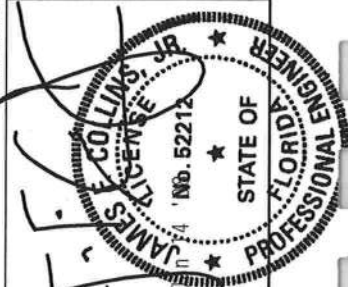
NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"X 2.5",MIN)	3	6	9	12	15
10d BOX (0.128"X 3",MIN)	3	5	7	10	12
12d BOX (0.128"X 3.25",MIN)	3	5	7	10	12
16d BOX (0.135"X 3.5",MIN)	3	5	7	10	12
20d BOX (0.148"X 4",MIN)	2	4	5	6	8
8d COMMON (0.131"X 2.5",MIN)	3	5	7	10	12
10d COMMON (0.148"X 3",MIN)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

THIS DRAWING REPLACES DRAWING B139 AND CNBRGK0699

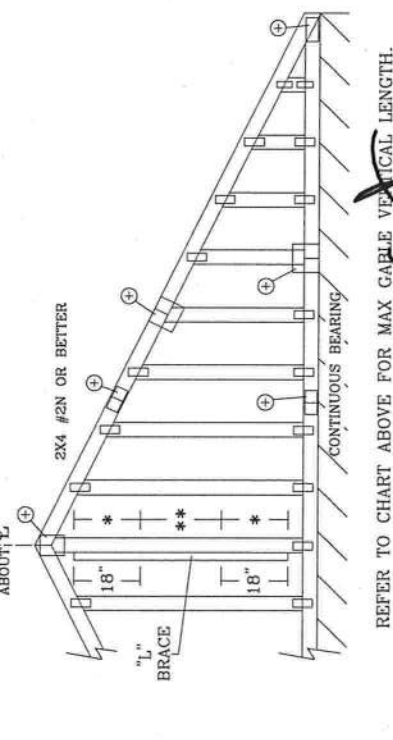
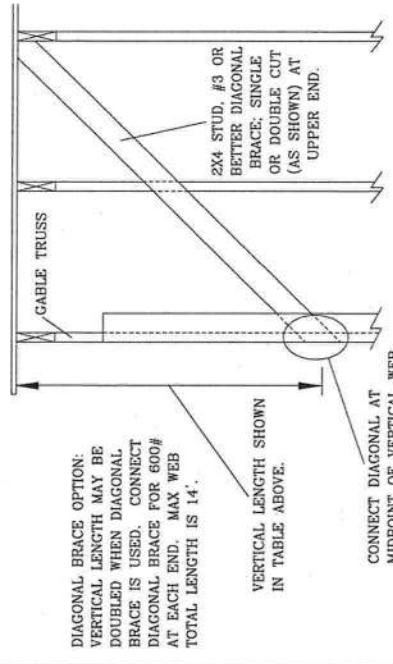
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE ST., SUITE 312 ALEXANDRIA, VA 22314) AND VITA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., 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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REF	BEARING BLOCK
DATE	2/23/07
DRWG	CNBRGK0207
-ENG	SJP/KAR



MAX GABLE VERTICAL LENGTH		2X4 GABLE VERTICAL SPACING		BRACE		NO BRACES		(1) 1X4 "L" BRACE		(2) 2X4 "L" BRACE		(1) 2X6 "L" BRACE		(2) 2X6 "L" BRACE		(1) 2X6 "L" BRACE		(2) 2X6 "L" BRACE	
SPACING	SPECIES	GRADE	#1 / #2	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
12" O.C.	SPF	#1 / #2	3' 10"	6' 8"	6' 10"	7' 11"	7' 11"	8' 1"	9' 5"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	7' 11"	9' 5"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	3' 9"	5' 2"	5' 2"	6' 9"	6' 9"	6' 9"	9' 1"	9' 1"	9' 1"	10' 7"	10' 7"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	4' 3"	6' 8"	7' 2"	7' 11"	7' 11"	8' 6"	9' 5"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
24" O.C.	SP	#1 / #2	4' 2"	6' 8"	7' 2"	7' 11"	7' 11"	8' 6"	9' 5"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 0"	6' 2"	6' 2"	7' 11"	7' 11"	8' 1"	9' 5"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	6' 11"	9' 4"	9' 4"	9' 4"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1 / #2	4' 5"	7' 8"	7' 10"	9' 1"	9' 1"	9' 4"	10' 10"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
16" O.C.	SPF	#1 / #2	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	9' 1"	10' 10"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	9' 1"	10' 10"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 4"	6' 4"	6' 4"	8' 4"	8' 4"	8' 4"	10' 10"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 1"	9' 9"	10' 10"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#1 / #2	4' 9"	7' 6"	7' 6"	9' 1"	9' 1"	9' 6"	10' 10"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 9"	7' 6"	7' 6"	9' 1"	9' 1"	9' 6"	10' 10"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 9"	6' 5"	6' 5"	8' 6"	8' 6"	8' 6"	10' 10"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	4' 11"	8' 5"	8' 5"	10' 0"	10' 0"	10' 3"	11' 11"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#1 / #2	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	10' 0"	11' 11"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	10' 0"	11' 11"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 9"	7' 3"	7' 3"	9' 7"	9' 7"	9' 7"	11' 11"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	5' 4"	8' 5"	8' 5"	10' 0"	10' 0"	10' 9"	11' 11"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	#1 / #2	5' 3"	8' 5"	8' 5"	10' 0"	10' 0"	10' 9"	11' 11"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	5' 3"	8' 5"	8' 5"	10' 0"	10' 0"	10' 9"	11' 11"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	5' 0"	8' 5"	8' 5"	10' 0"	10' 0"	10' 6"	11' 11"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	5' 0"	8' 5"	8' 7"	10' 0"	10' 0"	10' 6"	11' 11"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	9' 10"	11' 11"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	HF	STUD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	9' 10"	11' 11"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	STANDARD	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	9' 10"	11' 11"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	DFL	#1	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	9' 10"	11' 11"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"



DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 600#
AT EACH END. MAX WEB
TOTAL LENGTH IS 14'.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL
WEB.

BRACING GROUP SPECIES AND GRADES:	
GROUP A:	
SPRUCE-PINE-FIR	HEM-FIR
#1 / #2	STUD
#3	STANDARD
DOUGLAS FIR-LARCH	
#3	STUD
STANDARD	
SOUTHERN PINE	
#3	STUD
STANDARD	
GROUP B:	
HEM-FIR	
#1 & BTR	#1
DOUGLAS FIR-LARCH	#2
SOUTHERN PINE	#1
#1	#2

GABLE TRUSS DETAIL NOTES:
LIVE LOAD DEFLECTION CRITERIA IS L/240.
PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER
CONTINUOUS BEARING (5 PSF TO DEAD LOAD).
GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12"
PLYWOOD OVERHANG.
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2' O.C.
IN 18" END ZONES AND 4' O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3' O.C.
IN 18" END ZONES AND 6' O.C. BETWEEN ZONES.
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB
MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	

ITV BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

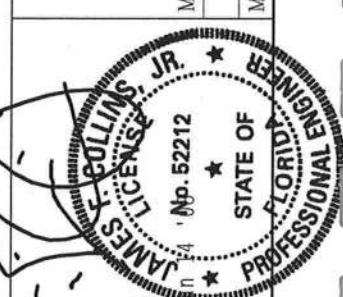
ALPINE

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND WTC (WOOD TRUSS COUNCIL) AMERICA, 6300 ENTERPRISE LN., 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.

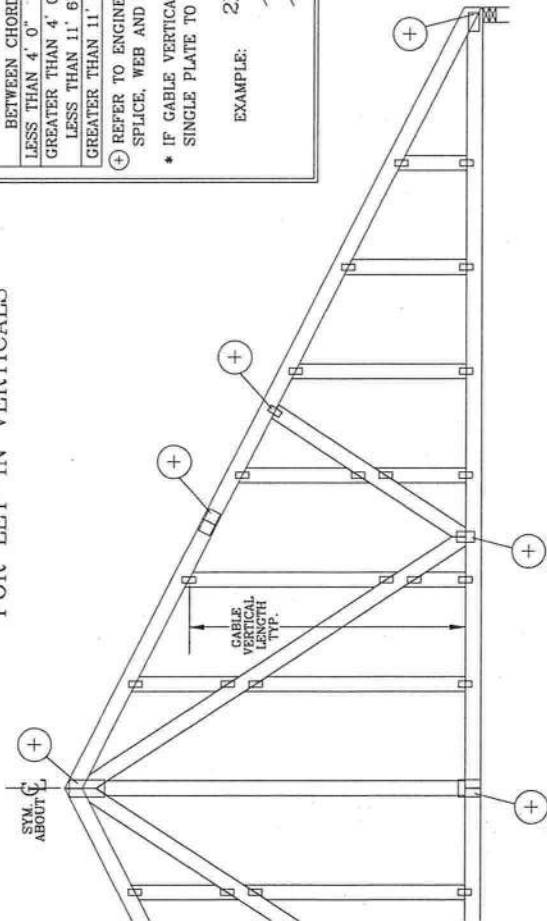
IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITV, BCG CONNECTOR PLATES ARE MADE OF 2018/18GA (N/A)/SS/A3 ASTM A653 GRADE 40/60 (N/A/SS) DESIGN. 3. POSITIONING PER TPI. A SEAL ON THIS DRAWING, INDICATES ACCEPTANCE BY GP. SUBMITTAL PER ANNEK A3 OF TPI L-2002 SEC. 3. A SEAL ON THIS DRAWING, INDICATES ACCEPTANCE BY GP. SUBMITTAL PER USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

REF ASCE-02-CAB11015
DATE 2/23/07
DRWG A11015EE0207
-ENG

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"



2X6 "T"
REINFORCING
MEMBER



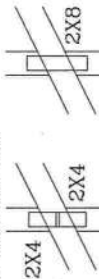
GABLE VERTICAL PLATE SIZES

VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE:



TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCI WIND LOAD.

MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE:

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

$${}^{10}T^{10} \text{ BRACE INCREASE (FROM ABOVE)} = 10\% = 1.10$$

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH
1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035



ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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*****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 NDS NATIONAL DESIGN SPEC, BY AF&PA, AND TPI. ITW, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA C/H/S/SS/C3 ASTM A653 GRADE 40/60 C/H/S/SS DESIGN CONNECTOR PLATES TO EACH FACE OF THE TRUSS. UNLESS OTHERWISE LOCATED ON THIS PROJECT, POSITION PER DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE ADEQUACY OF THE TRUSS PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

JUN 08

NO. 52212

LAMSON & GOLANS JR.

PROF. ENGINEER

STATE OF FLORIDA

REF LET-IN VERT

DATE 2/23/07

DRWG GBLLETIN0207

-ENG DLL/KAR

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24'-0"



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 1111 N. 1st St.

City: Fort Lauderdale Phone: 754-1703

Site Location: Subdivision _____

Lot # _____ Block # _____ Permit # 26660

Address: 3192 NW MOORE RD

Product used

Active Ingredient

% Concentration

- | | | |
|------------------------------------|----------------------------------|-------|
| ☐ Premise | Imidacloprid | 0.1% |
| ☐ Termidor | Fipronil | 0.12% |
| ☐ Bora-Care | Disodium Octaborate Tetrahydrate | 23.0% |

Type treatment:

☐ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

<u>1111 N. 1st St.</u>	<u>3470</u>	<u>302</u>	<u>125</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

This notice is for the final exterior treatment, initial this line _____

4/2/08
Date

0800
Time

F254 GUNNY
Print Technician's Name

Remarks: 15-35-16-02/26-003

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

