

DATE 01/29/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000026685

APPLICANT REBECCA STRIEBEL PHONE 386.752.0152
ADDRESS 3031 SW BIRLEY AVENUE LAKE CITY FL 32024
OWNER REBECCA STRIEBEL PHONE 386.752.0152
ADDRESS 124 SW ORCHARD COURT LAKE CITY FL 32024
CONTRACTOR REBECCA STRIEBEL PHONE 386.752.0152
LOCATION OF PROPERTY 90-W TO PINEMOUNT RD,TL TO LUMBARDY WAY,TR IT TURNS INTO
PLACID LN,IT DEAD ENDS INTO PROPERTY @ ORCHARD COURT.
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 130750.00
HEATED FLOOR AREA 1792.00 TOTAL AREA 2615.00 HEIGHT 30.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 12'12 FLOOR CONC
LAND USE & ZONING A-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 02-4S-15-00331-006 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 5.01

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 07-1013 BLK JTH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD. EXISTING M/H TO BE REMOVED 45 DAYS
AFTER CO ISSUANCE.
Check # or Cash 1477

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 \$ 655.00 CERTIFICATION FEE \$ 13.08 SURCHARGE FEE \$ 13.08
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 756.16
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.

Columbia County Building Permit Application

For Office Use Only		Application # <u>0801-82</u>	Date Received <u>1/6</u>	By <u>JW</u>	Permit # <u>26685</u>
Zoning Official <u>BLK</u>	Date <u>29.01.08</u>	Flood Zone <u>X</u>	FEMA Map # <u>N/A</u>	Zoning <u>A-3</u>	
Land Use <u>A-3</u>	Elevation <u>N/A</u>	MFE <u>1st Lake Pl</u>	River <u>N/A</u>	Plans Examiner <u>DKJH</u>	Date <u>1-29-08</u>
Comments <u>SITC PLAN Sheet A-1 OF PLANS Existing MH to be removed 45 days after issue of CO.</u>					
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # _____					
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Authorization from Contractor					
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter					

Septic Permit No. 07-1013 Fax n/a

Name Authorized Person Signing Permit Rebecca Striebel Phone 752-0152

Address 3031 SW Birley Ave. Lake City, FL 32024

Owners Name Rebecca Striebel Phone 752-0152

911 Address 124 SW Orchard Court Lake City, FL 32024

Contractors Name Owner-Builder Phone n/a

Address n/a

Fee Simple Owner Name & Address n/a

Bonding Co. Name & Address n/a

Architect/Engineer Name & Address Teena Ruffo - 6429 NW Lake Jeffery Rd. Lake City, FL 3202

Mortgage Lenders Name & Address Mark Disosway - PO Box 868 Lake City, FL 32056

Mortgage Lenders Name & Address Beverly Schulz 3031 SW Birley Ave Lake City, FL 32024

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

Property ID Number 02-45-15-00331-006 Estimated Cost of Construction \$130,000.00

Subdivision Name n/a Lot _____ Block _____ Unit _____ Phase _____

Driving Directions Take US90 W to Pinemount Rd. Turn L onto Pinemount Rd.

Take Pinemount to Lombardy Way. Turn R onto Lombardy. Lombardy turns

into Placid Ln. Placid Ln will dead end into Property at 124 Orchard Court.

Construction of Single Family Dwelling Number of Existing Dwellings on Property 1 - to be remove

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Acreage 5.01 Lot Size 337.5x646

Actual Distance of Structure from Property Lines - Front 220ft Side 80ft Side 212.5ft Rear 371ft

Number of Stories 2 Heated Floor Area 1792ft² Total Floor Area 2615ft² Roof Pitch 12/12

*** Property has an existing well ***
 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 Rebecca 1-29-08
CRK & 11/7/08 MKG SPNLLTC

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.

Rebecca D. Striebel
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 ^{Owner} by the ~~Contractor~~ and subscribed before me this 15 day of Jan 2008.
Personally known ☒ or Produced Identification _____

Susan L. Hadley
State of Florida Notary Signature (For the Contractor)

SEAL:



SUSAN L. HADLEY
Notary Public, State of Florida
My comm. expires May 24, 2008
Comm. No. DD 314743

BOX
✓ THIS INSTRUMENT PREPARED BY:

WILLIAM J. ROBERTS, JR.
ATTORNEY AT LAW
1009 SW Main Boulevard, Suite 130
Lake City, FL 32025
Tel. (386) 758-6156

Tax Parcel No.: 02-4S-15-00331-06

Inst:200712023893 Date:10/24/2007 Time:4:23 PM
Doc Stamp-Deed:455.00

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

WARRANTY DEED

THIS INDENTURE, made this 31 day of August, 2007, between **WILIUM D. MYERS**, single, of the County of Columbia, State of Florida, whose post office address is: 2573 176th Street, Lake City, Florida 32024, Grantor*, and **REBECCA D. STRIEBEL**, of the County of Columbia, State of Florida, whose post office address is: 3031 SW Birley Avenue, Lake City, Florida 32024, Grantee*,

WITNESSETH, that said grantor, for and in consideration of the sum of Ten and no/100 (\$10.00) Dollars, and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, (Street Address: 124 SW Orchard Court, Lake City, FL 32024) to-wit:

COMMENCE AT THE SW CORNER OF NE ¼ OF SE ¼,
SECTION 2, TOWNSHIP 4 SOUTH, RANGE 15 EAST,
COLUMBIA COUNTY, FLORIDA AS THE POINT OF
BEGINNING; THENCE N 0°28'54" W, 337.54 FEET;
THENCE N 88°30'17" E, 646.00 FEET; THENCE S
0°28'54" E, 337.54 FEET; THENCE S 88°30'17" W,
646.00 FEET TO THE POINT OF BEGINNING.

SUBJECT TO: Restrictions or reservations affecting
rights in Oil, Gas or any other Minerals, lying upon or
beneath the lands insured hereby, pursuant to that
instrument recorded in Official Records Book 742, at Page
309, of the Public Records of Columbia County, Florida.

Easement in favor of FLORIDA POWER AND LIGHT
COMPANY, recorded in Official Records Book 749, Page
349, of the Public Records of Columbia County, Florida.

Fence Encroachment as recorded on Special Warranty
Deed recorded in Official Records Book 742, Page 309.

N.B. The above-described property does not constitute the

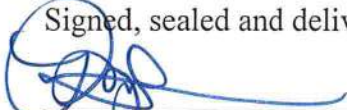
homestead of Grantor.

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

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

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

Signed, sealed and delivered in our presence:


Witness


WILIUM D. MYERS, Grantor

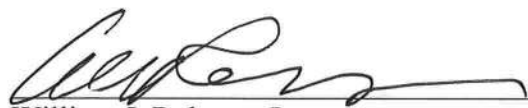

Witness

STATE OF FLORIDA
COUNTY OF COLUMBIA

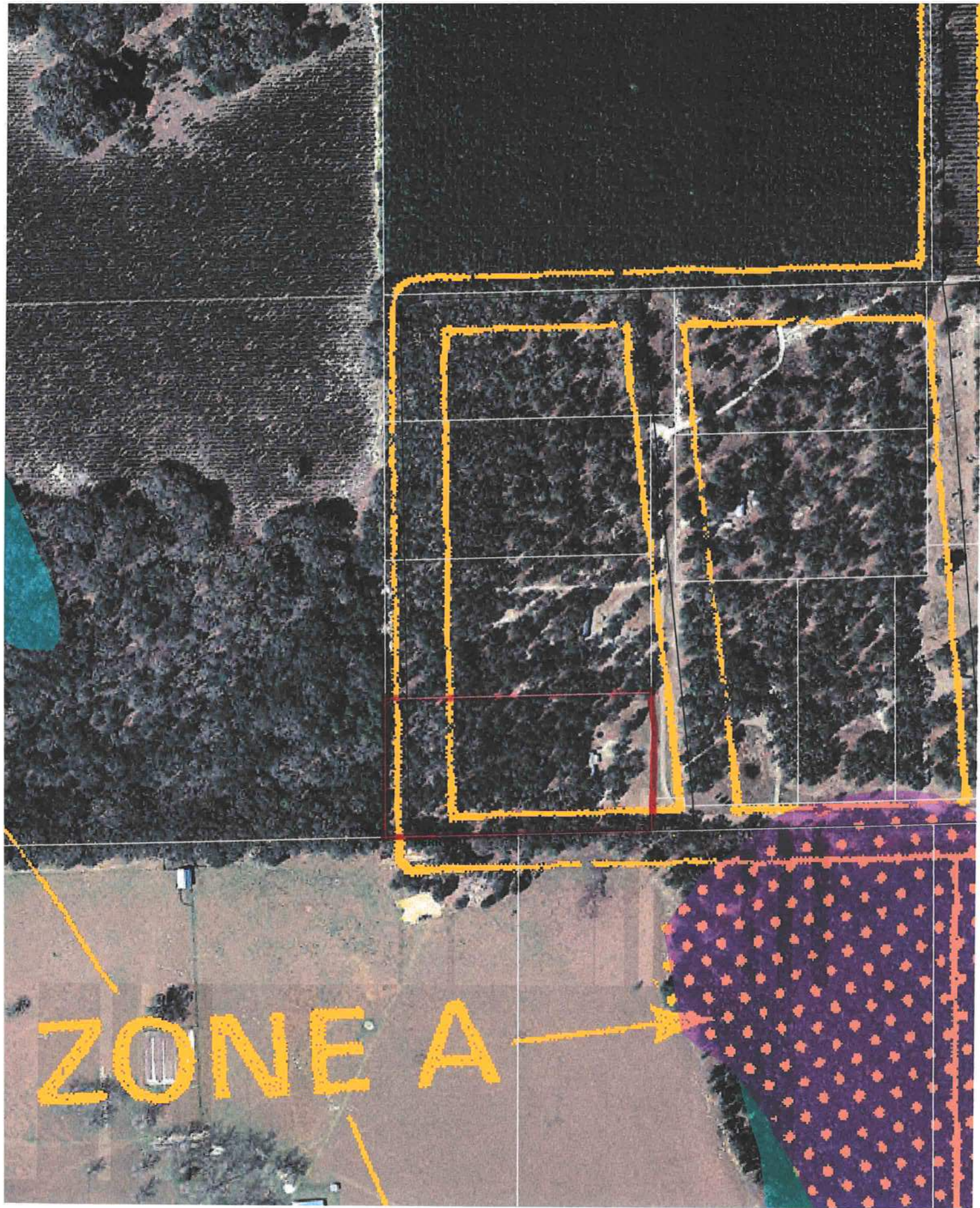
I HEREBY CERTIFY that on this day before me, an officer duly qualified to take acknowledgments, personally appeared WILIUM D. MYERS, to me known to be the person described in and who executed the foregoing Warranty Deed and acknowledged before me that he executed the same and who provided Florida Driver's License No. M620-884-70-213-0, as proof of identification.

WITNESS my hand and official seal in the County and State law aforesaid this 31st day of August, 2007.

My commission expires:


William J. Roberts, Jr.
Notary Public, State of Florida

WILLIAM J. ROBERTS, JR.
NOTARY PUBLIC - STATE OF FLORIDA
COMMISSION # DD284001
EXPIRES 01/22/2008
BONDED THRU 1-888-NOTARY1



0801-82

Columbia County Property Appraiser

DB Last Updated: 11/15/2007

Parcel: 02-4S-15-00331-006

2008 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	STRIEBEL REBECCA D		
Site Address	ORCHARD		
Mailing Address	3031 SW BIRLEY AVE LAKE CITY, FL 32024		
Use Desc. (code)	MOBILE HOM (000200)		
Neighborhood	2415.00	Tax District	3
UD Codes	MKTA01	Market Area	01
Total Land Area	5.010 ACRES		
Description	BEG SW COR OF NE1/4 OF SE1/4, RUN N 337.54 FT, E 646 FT, S 337.54 FT, W 646 FT TO POB. ORB 760-051, 766-1595, 779-2107, 782-1500, ASSIGNMENT OF AGR 941-2388, WD 1127-1642 WD 1134-1080		

GIS Aerial**Property & Assessment Values**

Mkt Land Value	cnt: (2)	\$54,104.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$4,453.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$58,557.00

Just Value	\$58,557.00
Class Value	\$0.00
Assessed Value	\$58,557.00
Exempt Value	\$0.00
Total Taxable Value	\$58,557.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
8/31/2007	1134/1080	WD	I	Q		\$65,000.00
11/28/2006	1127/1642	WD	V	U	04	\$100.00
12/12/2001	941/2388	AG	V	U	03	\$7,800.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1974	Alum Siding (26)	792	928	\$4,453.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	5.010 AC	1.00/1.00/1.00/1.00	\$10,400.00	\$52,104.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 11/15/2007



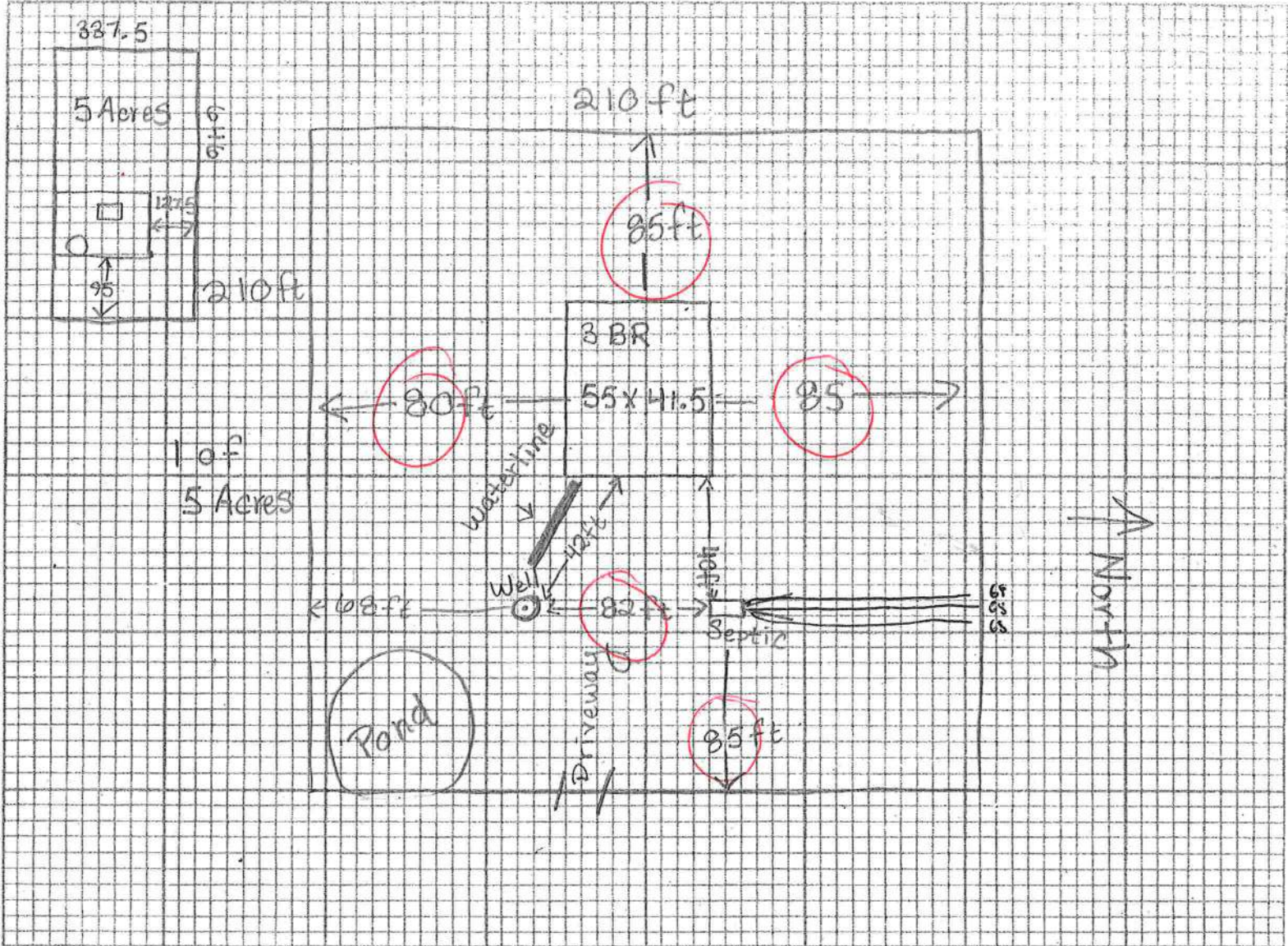
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-1013

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

Site Plan submitted by: X Rebecca D. Strickel Owner

Plan Approved X **APPROVED** Not Approved _____ Title

By [Signature] Date 12/31/7

Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

**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

I Rebecca Striebel, 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 _____

Rebecca D. Striebel 1/15/08
 Owner Builder Signature Date

FLORIDA NOTARY

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

Notary Signature Susan L. Hadley Date 1-15-08



SUSAN L. HADLEY
 Notary Public, State of Florida
 My comm. expires May 24, 2008
 Comm. No. DD 314743

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 COUNTY 9-1-1 ADDRESSING / GIS DEPARTMENT

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

Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

ADDRESS ASSIGNMENT DATA

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

Residential or Other Structure on Parcel Number:
02-4S-15-00331-006

Address Assignments:
124 SW ORCHARD CT, LAKE CITY, FL, 32024

Note: This is an existing address. The Mobile home is being replaced and they will be utilizing the same access. No change in address necessary.

Any questions concerning this information should be referred to the Columbia County 9-1-1 Addressing / GIS Department at the address or telephone number above.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: 801101Striebel,Jeremy&Rebecca Address: City, State: , FL Owner: Striebel, Jeremy & Rebecca Climate Zone: North	Builder: Permitting Office: Columbia Permit Number: 26685 Jurisdiction Number: 221006
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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 3 ☐ 5. Is this a worst case? No ☐ 6. Conditioned floor area (ft²) 1792 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>249.0 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>249.0 ft²</td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> </tr> </table> 8. Floor types <table style="width: 100%;"> <tr> <td style="width: 30%;">a. Raised Wood, Stem Wall</td> <td style="width: 30%;">R=19.0, 1360.0ft²</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, 1452.0 ft²</td> <td style="width: 40%;"></td> </tr> <tr> <td>b. Frame, Wood, Exterior</td> <td>R=13.0, 376.0 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, 1360.0 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, 116.0 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)	249.0 ft²	b. SHGC:	7b. (Clear)	249.0 ft²	(or Clear or Tint DEFAULT)			a. Raised Wood, Stem Wall	R=19.0, 1360.0ft²		b. N/A			c. N/A			a. Frame, Wood, Exterior	R=13.0, 1452.0 ft²		b. Frame, Wood, Exterior	R=13.0, 376.0 ft²		c. N/A			d. N/A			e. N/A			a. Under Attic	R=30.0, 1360.0 ft²		b. N/A			c. N/A			a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 116.0 ft		b. N/A			12. Cooling systems <table style="width: 100%;"> <tr> <td style="width: 50%;">a. Central Unit</td> <td style="width: 50%;">Cap: 28.0 kBtu/hr</td> </tr> <tr> <td></td> <td>SEER: 13.00</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 13. Heating systems <table style="width: 100%;"> <tr> <td style="width: 50%;">a. Electric Heat Pump</td> <td style="width: 50%;">Cap: 28.0 kBtu/hr</td> </tr> <tr> <td></td> <td>HSPF: 7.90</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 14. Hot water systems <table style="width: 100%;"> <tr> <td style="width: 50%;">a. Electric Resistance</td> <td style="width: 50%;">Cap: 40.0 gallons</td> </tr> <tr> <td></td> <td>EF: 0.93</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. Conservation credits</td> <td></td> </tr> <tr> <td colspan="2">(HR-Heat recovery, Solar</td> </tr> <tr> <td colspan="2">DHP-Dedicated heat pump)</td> </tr> </table> 15. HVAC credits <table style="width: 100%;"> <tr> <td style="width: 50%;">(CF-Ceiling fan, CV-Cross ventilation,</td> <td style="width: 50%;"></td> </tr> <tr> <td>HF-Whole house fan,</td> <td></td> </tr> <tr> <td>PT-Programmable Thermostat,</td> <td></td> </tr> <tr> <td>MZ-C-Multizone cooling,</td> <td></td> </tr> <tr> <td>MZ-H-Multizone heating)</td> <td></td> </tr> </table>	a. Central Unit	Cap: 28.0 kBtu/hr		SEER: 13.00	b. N/A		c. N/A		a. Electric Heat Pump	Cap: 28.0 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: 0.14

Total as-built points: 23771

Total base points: 27700

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:** 1-15-07

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	1792.0	20.04	6464.1	Double, Clear	N	10.0	6.0	30.0	19.20	0.64	368.4
				Double, Clear	N	1.5	4.0	12.0	19.20	0.88	203.1
				Double, Clear	E	1.5	6.0	15.0	42.06	0.91	575.9
				Double, Clear	E	1.5	2.0	4.0	42.06	0.59	99.8
				Double, Clear	SE	1.5	6.0	15.0	42.75	0.88	566.5
				Double, Clear	S	1.5	6.0	30.0	35.87	0.86	921.2
				Double, Clear	SW	1.5	6.0	15.0	40.16	0.89	533.2
				Double, Clear	S	8.0	6.0	30.0	35.87	0.48	520.9
				Double, Clear	W	8.0	6.0	60.0	38.52	0.47	1082.1
				Double, Clear	N	1.5	0.0	30.0	19.20	0.59	341.6
				Double, Clear	E	1.5	0.0	8.0	42.06	0.36	120.1
				As-Built Total:				249.0	5332.7		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1452.0	1.50	2178.0		
Exterior	1828.0	1.70	3107.6	Frame, Wood, Exterior	13.0		376.0	1.50	564.0		
Base Total:				As-Built Total:				1828.0	2742.0		
DOOR TYPES Area X BSPM = Points				Type			Area X SPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			30.0	4.10	123.0		
Exterior	70.0	4.10	287.0	Exterior Insulated			40.0	4.10	164.0		
Base Total:				As-Built Total:				70.0	287.0		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1360.0	1.73	2352.8	Under Attic	30.0		1360.0	1.73 X 1.00	2352.8		
Base Total:				As-Built Total:				1360.0	2352.8		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0		1360.0	-1.50	-2040.0		
Raised	1360.0	-3.99	-5426.4								
Base Total:				As-Built Total:				1360.0	-2040.0		
INFILTRATION Area X BSPM = Points						Area X SPM		= Points			
						1792.0		10.21 18296.3			

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

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT									
Summer Base Points: 25081.4				Summer As-Built Points: 26970.9									
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
25081.4		0.4266	10699.7	(sys 1: Central Unit 28000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 26971		1.00 (1.09 x 1.147 x 0.91)		0.263		1.000		8056.0	
				26970.9		1.00		1.138		0.263		1.000	8056.0

PERMIT #:

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		14497.3		Winter As-Built Points:				15737.1		
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
14497.3		0.6274	9095.6	(sys 1: Electric Heat Pump 28000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 15737.1 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 7894.6						
				15737.1	1.00	1.162	0.432	1.000	7894.6	

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	Credit X Multiplier = Total
3		2635.00		7905.0	40.0	0.93	3		1.00 2606.67	1.00 7820.0
					As-Built Total:					7820.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
10700		9096		7905 27700	8056		7895		7820 23771

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* = 85.9

The higher the score, the more efficient the home.

Striebel, Jeremy & Rebecca, , , FL,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 28.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 13.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft²)	1792 ft²	___		___
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: 28.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 249.0 ft²	___		HSPF: 7.90
b. SHGC:			b. N/A	___
(or Clear or Tint DEFAULT)	7b. (Clear) 249.0 ft²	___	c. N/A	___
8. Floor types				___
a. Raised Wood, Stem Wall	R=19.0, 1360.0ft²	___	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, 1452.0 ft²	___	c. Conservation credits	___
b. Frame, Wood, Exterior	R=13.0, 376.0 ft²	___	(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, 1360.0 ft²	___	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, 116.0 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.*

26685

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 02-45-15-00331-006

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): Beg SW Cor of NE 1/4 of SE 1/4, Run N 337.5 Ft, E 646 Ft, NW 1/4 S 337.54
a) Street (job) Address: 124 SW Orchard Court Lake City, FL 32024 N 646 Ft
2. General description of improvements: Building 2615ft² 2-Story Single Family Home POB. OR
7-0-05
3. Owner Information
a) Name and address: Rebecca Striebel 3031 SW Birley Ave Lake City, FL 32024
b) Name and address of fee simple titleholder (if other than owner) n/a
c) Interest in property _____
4. Contractor Information
a) Name and address: Owner-Builder
b) Telephone No.: (386) 752-0152
5. Surety Information
a) Name and address: n/a Inst: 200812003279 Date: 2/18/2008 Time: 1:58 PM
b) Amount of Bond: _____ DC, P. DeWitt Cason, Columbia County Page 1 of 1
c) Telephone No.: _____ Fax No. (Opt.) _____
6. Lender
a) Name and address: Beverly Schulz 3031 SW Birley Ave Lake City, FL 32024
b) Phone No.: (386) 752-0152
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: Beverly Schulz 3031 SW Birley Ave Lake City, FL 32024
b) Telephone No.: (386) 752-0152 Fax No. (Opt.) _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b).
Florida Statutes:
a) Name and address: Beverly Schulz 3031 SW Birley Ave Lake City, FL 32024
b) Telephone No.: (386) 752-0152 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.

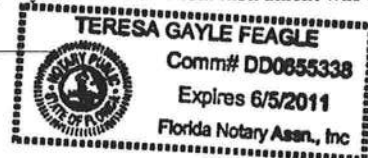
STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Rebecca D. Striebel
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
Rebecca D. Striebel
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 18th day of January, 20 18, by:
Rebecca D. Striebel as _____ (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 Teresa Gayle Feagle 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.

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

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph (386) 754-5419

October 1, 2008

Building Department
Columbia County Building & Zoning
Post Office Box 1529
Lake City, FL 32056-1529

26685

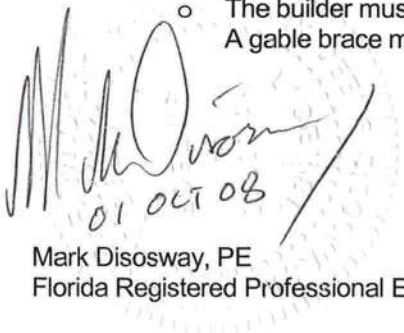
Re: Framing Inspection: Jeremy & Rebecca Striebel Residence

Dear Building Inspector:

This letter is in reference to framing inspection issues at the above referenced house.

The plan calls for exterior wall studs to be continuous from the floor system to the roof system. The builder did not frame all the exterior walls this way. Please see below for a description of the walls not framed this way, and repair if required.

- The front gable wall of bedroom 2 was not framed continuous to the roof truss. The wall was framed with a 9' tall, 2x6 wall with double top plates, and 2x6 framing from the top plates to the bottom of the roof truss.
 - The double 2x6 top plates are sufficient to brace the gable end, provided that they are continuous from corner to corner.
 - The builder must brace the roof trusses as per the gable bracing detail on sheet S1.1.
- The main front gable was not framed continuous to the roof truss. The wall was framed with a 9' tall, 2x6 wall, and 2x6 framing continuous from the top plates to the bottom of the roof truss.
 - The porch roof system is sufficient to brace the gable end, provided that the roof is attached to the wall as follows: The roof sheathing must be nailed to a 2x6 ledger w/ 8d @ 6"oc. The ledger must be attached to the wall framing w/ (1) 1/4" x 3 1/2" lag screw @ 16"oc
 - The builder must brace the roof trusses above the gable wall as per the gable bracing detail on sheet S1.1.
- The rear gable was not framed continuous to the roof truss. The 2nd floor wall was framed with an 8' tall, 2x6 wall with a double 2x6 top plate, and 2x6 framing continuous from the top plates to the bottom of the roof truss.
 - The 2nd floor system provides bracing for the 1st floor wall
 - The builder is to cut the top plates and add a (2) 2x6 SPF#2 stud pack continuous from the floor system to the bottom of the roof truss at each side of the window.
Attach the double top plates to the stud pack w/ (4) 10d toe-nails at each end.
 - The builder must brace the roof trusses above the gable wall as per the gable bracing detail on sheet S1.1.
A gable brace must be provided at the location that the (2) 2x6 stud pack meet the roof truss.


Mark Disosway, PE
Florida Registered Professional Engineer

Mark Disosway

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 02-4S-15-00331-006

Building permit No. 000026685

Use Classification SFD/UTILITY

Fire: 0.00

Permit Holder REBECCA STRIEBEL

Waste: 0.00

Owner of Building REBECCA STRIEBEL

Total: 0.00

Location: 124 SW ORCHARD CT., LAKE CITY, FL

Date: 08/13/2009

Wayne M. Reed

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

Residential System Sizing Calculation

Summary

Striebel, Jeremy & Rebecca

Project Title:
801101Striebel,Jeremy&Rebecca

Class 3 Rating
Registration No. 0
Climate: North

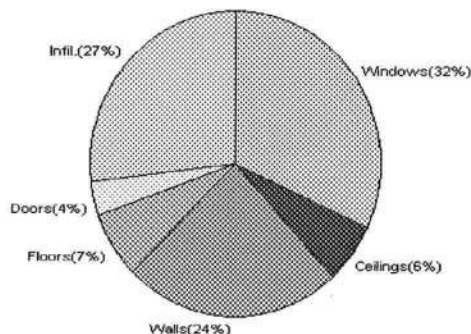
1/15/2008

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	24862 Btuh	Total cooling load calculation	23021 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	112.6 28000	Sensible (SHR = 0.75)	112.4 21000
Heat Pump + Auxiliary(0.0kW)	112.6 28000	Latent	161.6 7000
		Total (Electric Heat Pump)	121.6 28000

WINTER CALCULATIONS

Winter Heating Load (for 1792 sqft)

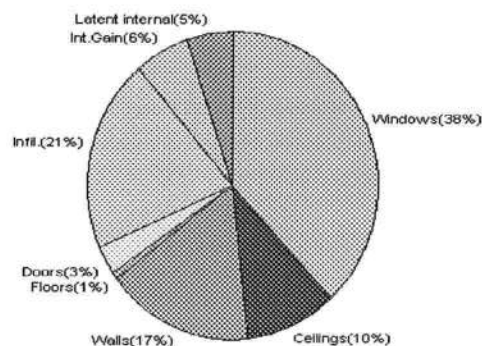
Load component	Load
Window total 249 sqft	8015 Btuh
Wall total 1828 sqft	6003 Btuh
Door total 70 sqft	907 Btuh
Ceiling total 1360 sqft	1603 Btuh
Floor total 1360 sqft	1724 Btuh
Infiltration 163 cfm	6611 Btuh
Duct loss	0 Btuh
Subtotal	24862 Btuh
Ventilation 0 cfm	0 Btuh
TOTAL HEAT LOSS	24862 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1792 sqft)

Load component	Load
Window total 249 sqft	8786 Btuh
Wall total 1828 sqft	3813 Btuh
Door total 70 sqft	686 Btuh
Ceiling total 1360 sqft	2252 Btuh
Floor total	179 Btuh
Infiltration 86 cfm	1595 Btuh
Internal gain	1380 Btuh
Duct gain	0 Btuh
Sens. Ventilation 0 cfm	0 Btuh
Total sensible gain	18690 Btuh
Latent gain(ducts)	0 Btuh
Latent gain(infiltration)	3131 Btuh
Latent gain(ventilation)	0 Btuh
Latent gain(internal/occupants/other)	1200 Btuh
Total latent gain	4331 Btuh
TOTAL HEAT GAIN	23021 Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *1/3/08*

DATE: *1-15-08*

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Striebel, Jeremy & Rebecca

Project Title:

Class 3 Rating

801101Striebel,Jeremy&Rebecca

Registration No. 0

, FL

Climate: North

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

1/15/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	N	30.0		32.2	966 Btuh
2	2, Clear, Metal, 0.87	N	12.0		32.2	386 Btuh
3	2, Clear, Metal, 0.87	E	15.0		32.2	483 Btuh
4	2, Clear, Metal, 0.87	E	4.0		32.2	129 Btuh
5	2, Clear, Metal, 0.87	SE	15.0		32.2	483 Btuh
6	2, Clear, Metal, 0.87	S	30.0		32.2	966 Btuh
7	2, Clear, Metal, 0.87	SW	15.0		32.2	483 Btuh
8	2, Clear, Metal, 0.87	S	30.0		32.2	966 Btuh
9	2, Clear, Metal, 0.87	W	60.0		32.2	1931 Btuh
10	2, Clear, Metal, 0.87	N	30.0		32.2	966 Btuh
11	2, Clear, Metal, 0.87	E	8.0		32.2	258 Btuh
Window Total			249(sqft)			8015 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1452		3.3	4768 Btuh
2	Frame - Wood - Ext(0.09)	13.0	376		3.3	1235 Btuh
Wall Total			1828			6003 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
2	Insulated - Exterior		30		12.9	388 Btuh
Door Total			70			907Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1360		1.2	1603 Btuh
Ceiling Total			1360			1603Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Raised Wood - Stem Wall	19	1360.0 sqft		1.3	1724 Btuh
Floor Total			1360			1724 Btuh
Zone Envelope Subtotal:						18252 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.80	12240		163.2	6611 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					24862 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Striebel, Jeremy & Rebecca

Project Title:

Class 3 Rating

801101Striebel,Jeremy&Rebecca

Registration No. 0

, FL

Climate: North

1/15/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	24862 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	24862 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

Striebel, Jeremy & Rebecca

Project Title:

801101Striebel,Jeremy&Rebecca

Class 3 Rating

Registration No. 0

Climate: North

, FL

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

1/15/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	N	30.0		32.2	966 Btuh
2	2, Clear, Metal, 0.87	N	12.0		32.2	386 Btuh
3	2, Clear, Metal, 0.87	E	15.0		32.2	483 Btuh
4	2, Clear, Metal, 0.87	E	4.0		32.2	129 Btuh
5	2, Clear, Metal, 0.87	SE	15.0		32.2	483 Btuh
6	2, Clear, Metal, 0.87	S	30.0		32.2	966 Btuh
7	2, Clear, Metal, 0.87	SW	15.0		32.2	483 Btuh
8	2, Clear, Metal, 0.87	S	30.0		32.2	966 Btuh
9	2, Clear, Metal, 0.87	W	60.0		32.2	1931 Btuh
10	2, Clear, Metal, 0.87	N	30.0		32.2	966 Btuh
11	2, Clear, Metal, 0.87	E	8.0		32.2	258 Btuh
Window Total			249(sqft)			8015 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1452		3.3	4768 Btuh
2	Frame - Wood - Ext(0.09)	13.0	376		3.3	1235 Btuh
Wall Total			1828			6003 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
2	Insulated - Exterior		30		12.9	388 Btuh
Door Total			70			907Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1360		1.2	1603 Btuh
Ceiling Total			1360			1603Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Raised Wood - Stem Wall	19	1360.0 sqft		1.3	1724 Btuh
Floor Total			1360			1724 Btuh
Zone Envelope Subtotal:						18252 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.80	12240		163.2	6611 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					24862 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Striebel, Jeremy & Rebecca

Project Title:

Class 3 Rating

801101Striebel,Jeremy&Rebecca

Registration No. 0

, FL

Climate: North

1/15/2008

WHOLE HOUSE TOTALS

	Subtotal Sensible	24862 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	24862 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

Striebel, Jeremy & Rebecca

Project Title:

801101 Striebel, Jeremy & Rebecca

Class 3 Rating

Registration No. 0

Climate: North

, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

1/15/2008

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	N	10ft.	6ft.	30.0	0.0	30.0	29	29	869	Btuh
2	2, Clear, 0.87, None,N,N	N	1.5ft.	4ft.	12.0	0.0	12.0	29	29	348	Btuh
3	2, Clear, 0.87, None,N,N	E	1.5ft.	6ft.	15.0	0.7	14.3	29	80	1156	Btuh
4	2, Clear, 0.87, None,N,N	E	1.5ft.	2ft.	4.0	1.0	3.0	29	80	269	Btuh
5	2, Clear, 0.87, None,N,N	SE	1.5ft.	6ft.	15.0	4.6	10.4	29	63	785	Btuh
6	2, Clear, 0.87, None,N,N	S	1.5ft.	6ft.	30.0	30.0	0.0	29	34	869	Btuh
7	2, Clear, 0.87, None,N,N	SW	1.5ft.	6ft.	15.0	4.6	10.4	29	63	785	Btuh
8	2, Clear, 0.87, None,N,N	S	8ft.	6ft.	30.0	30.0	0.0	29	34	869	Btuh
9	2, Clear, 0.87, None,N,N	W	8ft.	6ft.	60.0	60.0	0.0	29	80	1738	Btuh
10	2, Clear, 0.87, None,N,N	N	1.5ft.	0ft.	30.0	0.0	30.0	29	29	869	Btuh
11	2, Clear, 0.87, None,N,N	E	1.5ft.	0ft.	8.0	8.0	0.0	29	80	232	Btuh
	Window Total				249 (sqft)					8786 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)		HTM		Load		
1	Frame - Wood - Ext			13.0/0.09	1452.0		2.1		3029 Btuh		
2	Frame - Wood - Ext			13.0/0.09	376.0		2.1		784 Btuh		
	Wall Total				1828 (sqft)				3813 Btuh		
Doors	Type				Area (sqft)		HTM		Load		
1	Insulated - Exterior				40.0		9.8		392 Btuh		
2	Insulated - Exterior				30.0		9.8		294 Btuh		
	Door Total				70 (sqft)				686 Btuh		
Ceilings	Type/Color/Surface		R-Value		Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle		30.0		1360.0		1.7		2252 Btuh		
	Ceiling Total				1360 (sqft)				2252 Btuh		
Floors	Type		R-Value		Size		HTM		Load		
1	Raised Wood - Stem Wall		19.0		1360 (sqft)		0.1		179 Btuh		
	Floor Total				1360.0 (sqft)				179 Btuh		
	Zone Envelope Subtotal:									15715 Btuh	
Infiltration	Type		ACH		Volume(cuft)		CFM=		Load		
	SensibleNatural		0.42		12240		85.7		1595 Btuh		
Internal gain			Occupants		Btuh/occupant		Appliance		Load		
			6		X 230 +		0		1380 Btuh		
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)									DGM = 0.00	
	Sensible Zone Load									18690 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Striebel, Jeremy & Rebecca

Project Title:

Class 3 Rating

801101 Striebel, Jeremy & Rebecca

Registration No. 0

, FL

Climate: North

1/15/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18690 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18690 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18690 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3131 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4331 Btuh
	TOTAL GAIN	23021 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

Striebel, Jeremy & Rebecca

Project Title:

801101Striebel,Jeremy&Rebecca

Class 3 Rating

Registration No. 0

Climate: North

, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

1/15/2008

Component Loads for Zone #1: Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	N	10ft.	6ft.	30.0	0.0	30.0	29	29	869	Btuh
2	2, Clear, 0.87, None,N,N	N	1.5ft.	4ft.	12.0	0.0	12.0	29	29	348	Btuh
3	2, Clear, 0.87, None,N,N	E	1.5ft.	6ft.	15.0	0.7	14.3	29	80	1156	Btuh
4	2, Clear, 0.87, None,N,N	E	1.5ft.	2ft.	4.0	1.0	3.0	29	80	269	Btuh
5	2, Clear, 0.87, None,N,N	SE	1.5ft.	6ft.	15.0	4.6	10.4	29	63	785	Btuh
6	2, Clear, 0.87, None,N,N	S	1.5ft.	6ft.	30.0	30.0	0.0	29	34	869	Btuh
7	2, Clear, 0.87, None,N,N	SW	1.5ft.	6ft.	15.0	4.6	10.4	29	63	785	Btuh
8	2, Clear, 0.87, None,N,N	S	8ft.	6ft.	30.0	30.0	0.0	29	34	869	Btuh
9	2, Clear, 0.87, None,N,N	W	8ft.	6ft.	60.0	60.0	0.0	29	80	1738	Btuh
10	2, Clear, 0.87, None,N,N	N	1.5ft.	0ft.	30.0	0.0	30.0	29	29	869	Btuh
11	2, Clear, 0.87, None,N,N	E	1.5ft.	0ft.	8.0	8.0	0.0	29	80	232	Btuh
	Window Total				249 (sqft)					8786 Btuh	
Walls	Type	R-Value/U-Value			Area(sqft)		HTM		Load		
1	Frame - Wood - Ext	13.0/0.09			1452.0		2.1		3029 Btuh		
2	Frame - Wood - Ext	13.0/0.09			376.0		2.1		784 Btuh		
	Wall Total					1828 (sqft)				3813 Btuh	
Doors	Type				Area (sqft)		HTM		Load		
1	Insulated - Exterior				40.0		9.8		392 Btuh		
2	Insulated - Exterior				30.0		9.8		294 Btuh		
	Door Total					70 (sqft)				686 Btuh	
Ceilings	Type/Color/Surface	R-Value			Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle	30.0			1360.0		1.7		2252 Btuh		
	Ceiling Total					1360 (sqft)				2252 Btuh	
Floors	Type	R-Value			Size		HTM		Load		
1	Raised Wood - Stern Wall	19.0			1360 (sqft)		0.1		179 Btuh		
	Floor Total					1360.0 (sqft)				179 Btuh	
	Zone Envelope Subtotal:									15715 Btuh	
Infiltration	Type	ACH			Volume(cuft)		CFM=		Load		
	SensibleNatural	0.42			12240		85.7		1595 Btuh		
Internal gain	Occupants			Btuh/occupant		Appliance		Load			
	6			X 230 +		0		1380 Btuh			
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									18690 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Striebel, Jeremy & Rebecca

Project Title:

Class 3 Rating

801101 Striebel, Jeremy & Rebecca

Registration No. 0

, FL

Climate: North

1/15/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18690 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18690 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18690 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3131 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4331 Btuh
	TOTAL GAIN	23021 Btuh

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

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

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

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

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

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

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Striebel, Jeremy & Rebecca

Project Title:
801101 Striebel, Jeremy & Rebecca

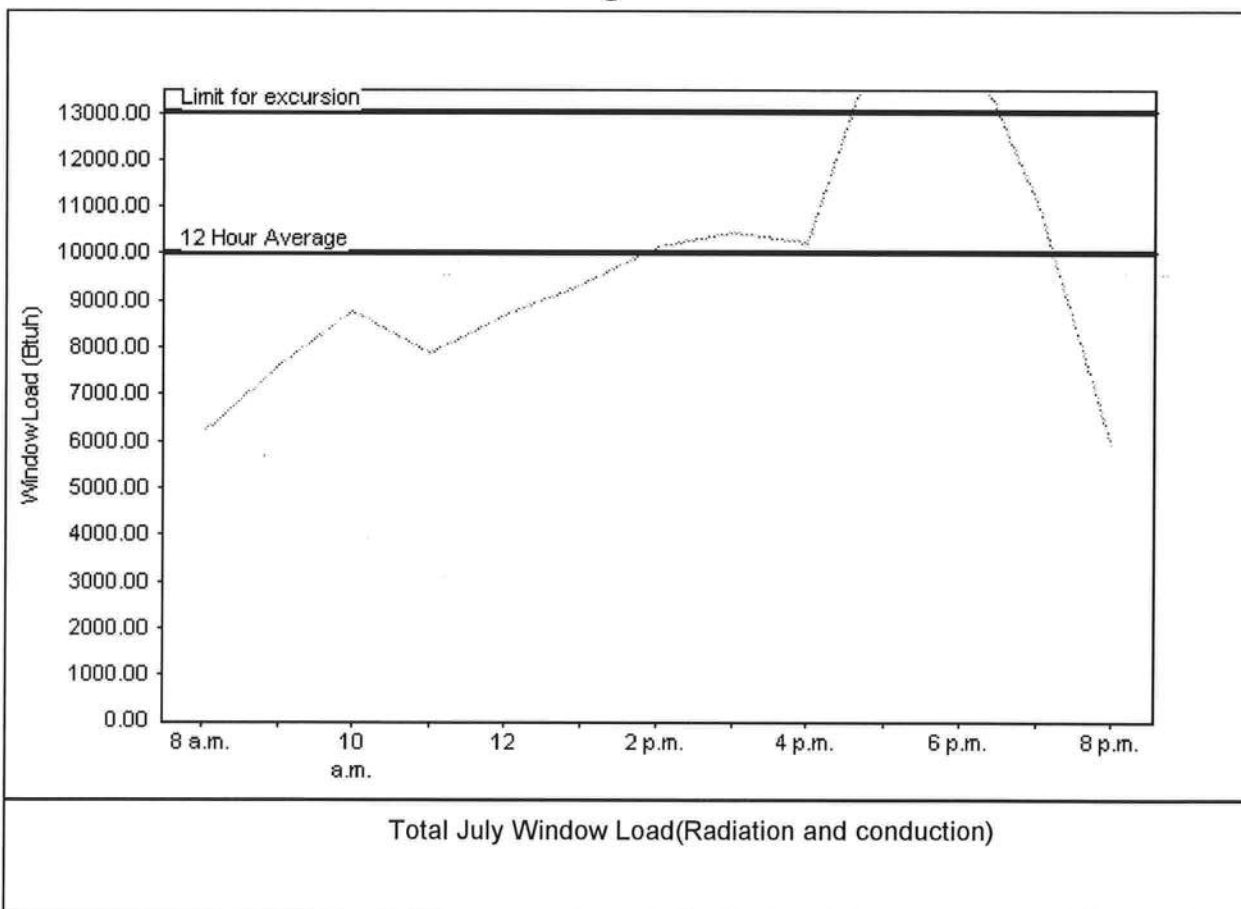
Class 3 Rating
Registration No. 0
Climate: North

1/15/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	10023 Btu
Summer setpoint	75 F	Peak window load for July	15124 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	13030 Btu
Latitude	29 North	Window excursion (July)	2094 Btu

WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: *1-15-07*

EnergyGauge® FLR2PB v4.1



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:ITE1215-Z0610152500

Truss Fabricator: W.B. Howland
Job Identification: 5140-/JEREMY & BECKY STRIEBEL /OWNER BUILDER -- , **
Truss Count: 37
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 - 40.0 PSF @ 1.00 Duration
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

Details: A11015EE-GBLLETIN-BRCLBSUB-A11030EE-



Seal Date: 01/10/2008

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

#	Ref	Description	Drawing#	Date
1	83493--1		08010042	01/10/08
2	83494--2		08010039	01/10/08
3	83495--A1		08010019	01/10/08
4	83496--A2		08010048	01/10/08
5	83497--A3		08010047	01/10/08
6	83498--A4		08010026	01/10/08
7	83499--A5		08010018	01/10/08
8	83500--A6		08010017	01/10/08
9	83501--A7		08010045	01/10/08
10	83502--A8		08010027	01/10/08
11	83503--A9		08010037	01/10/08
12	83504--A10		08010029	01/10/08
13	83505--A11		08010021	01/10/08
14	83506--A12		08010022	01/10/08
15	83507--A13		08010023	01/10/08
16	83508--A14		08010024	01/10/08
17	83509--A15		08010025	01/10/08
18	83510--A16		08010034	01/10/08
19	83511--A17		08010033	01/10/08
20	83512--A18		08010233	01/10/08
21	83513--A19		08010028	01/10/08
22	83514--A20		08010234	01/10/08
23	83515--A21		08010030	01/10/08
24	83516--A22		08010031	01/10/08
25	83517--A23		08010032	01/10/08
26	83518--A24		08010035	01/10/08
27	83519--A25		08010041	01/10/08
28	83520--A26		08010235	01/10/08
29	83521--A27		08010040	01/10/08
30	83522--A28		08010236	01/10/08
31	83523--JC1		08010038	01/10/08
32	83524--JC3		08010044	01/10/08
33	83525--JC5		08010043	01/10/08
34	83526--JE7		08010020	01/10/08
35	83527--JE7A		08010046	01/10/08
36	83528--JE7B		08010016	01/10/08

#	Ref	Description	Drawing#	Date
37	83529--JH10		08010036	01/10/08



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1TE1215-Z0610152500

Truss Fabricator: W.B. Howland
Job Identification: 5140-/JEREMY & BECKY STRIEBEL /OWNER BUILDER -- , **
Truss Count: 1
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:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - 40.0 PSF @ 1.00 Duration
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: 01/10/2008

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	83504--A10		08010029	01/10/08

ALPINE



Top chord 2x4 SP #2 N

Bot chord 2x4 SP SS

Webs 2x4 SP #2 N :C1 2x4 SP SS:

Calculated horizontal deflection is 0.21" due to live load and 0.05" due to dead load.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

(A) Continuous lateral bracing equally spaced on member.

Fasten rated sheathing to one face of this frame.

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.

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 GCpi (+/-)=0.18

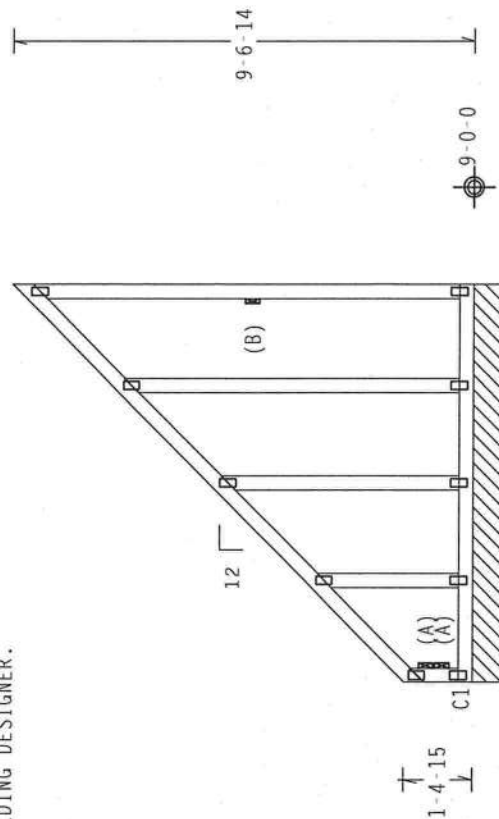
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

The overall height of this truss excluding overhang is 9-6-15.



8-2-0 Over Continuous Support

R-155 PLF U=88 PLF W=8-2-0

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002 (STD) / FBC

PLT TYP. Wave

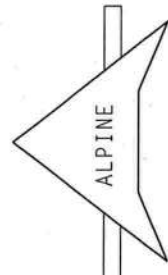
$$Cq/RT=1.00(1.25)/0(0)$$

810w

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

Scale = .25"/Ft.

WARNING: THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY IPI (CROSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304) OR THE NATIONAL COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD CUTTING.

[illegible]

ITW Building Components Group, Inc.

Haines City, FL 33844



Jan 10 08

TC LL	20.0	PSF	REF R215-- 83493
TC DL	10.0	PSF	DATE 01/10/08
BC DL	10.0	PSF	DRW HCURSR215 08010042
BC LL	0.0	PSF	HC-ENG RA/AP
TOT.LD.	40.0	PSF	SEQN- 96247
DUR.FAC.	1.25		FROM LRB
SPACING	24.0"		JREF- 1TE1215_Z06

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :C1 2x8 SP #2 N :
:Rt Stubbed Wedge 2x4 SP #2 N:

110 mph wind, 23.41 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

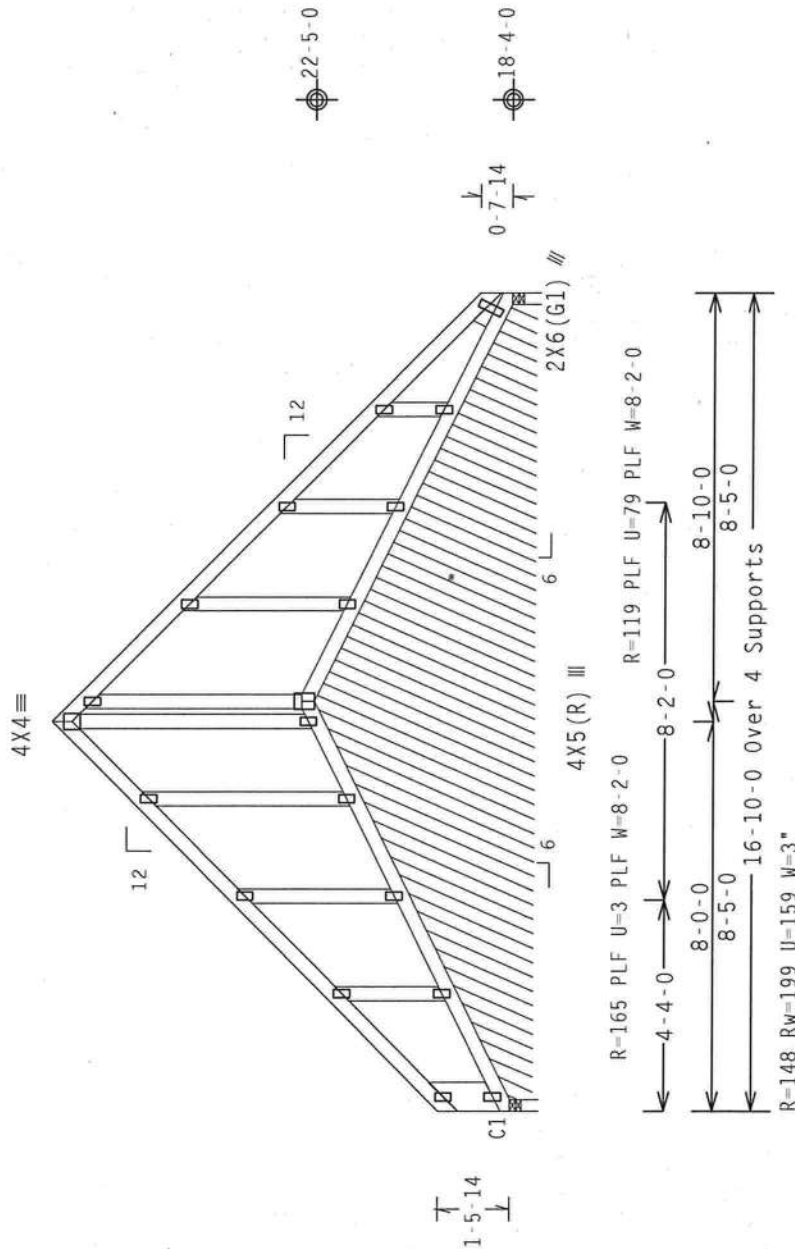
Wind reactions based on MWFRS pressures.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

Shim all supports to solid bearing.

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

The overall height of this truss excluding overhang is 9-5-14.



R=162 RW=270 U=215 W=3"

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

WARNING: THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO GESSI MULTIDIRECTIONAL FORMWORK SYSTEMS, INC. PUBLISHED BY TPI CROSS PLATE INSTITUTE, 2300 N. LEE STREET, SUITE 312, ALEXANDRIA, VA 22304-4400, U.S.A. FOR THE COMPLETE SPECIFICATIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CUTTING.

****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 COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITM BCG HAS CONDUCTED VISUAL INSPECTIONS OF THE TRUSS DESIGNATION POSITION PER DRAWINGS 160A-2 THROUGH 160A-10 AND 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-100/160A-101/160A-102/160A-103/160A-104/160A-105/160A-106/160A-107/160A-108/160A-109/160A-110/160A-111/160A-112/160A-113/160A-114/160A-115/160A-116/160A-117/160A-118/160A-119/160A-120/160A-121/160A-122/160A-123/160A-124/160A-125/160A-126/160A-127/160A-128/160A-129/160A-130/160A-131/160A-132/160A-133/160A-134/160A-135/160A-136/160A-137/160A-138/160A-139/160A-140/160A-141/160A-142/160A-143/160A-144/160A-145/160A-146/160A-147/160A-148/160A-149/160A-150/160A-151/160A-152/160A-153/160A-154/160A-155/160A-156/160A-157/160A-158/160A-159/160A-160/160A-161/160A-162/160A-163/160A-164/160A-165/160A-166/160A-167/160A-168/160A-169/160A-170/160A-171/160A-172/160A-173/160A-174/160A-175/160A-176/160A-177/160A-178/160A-179/160A-180/160A-181/160A-182/160A-183/160A-184/160A-185/160A-186/160A-187/160A-188/160A-189/160A-190/160A-191/160A-192/160A-193/160A-194/160A-195/160A-196/160A-197/160A-198/160A-199/160A-200/160A-201/160A-202/160A-203/160A-204/160A-205/160A-206/160A-207/160A-208/160A-209/160A-210/160A-211/160A-212/160A-213/160A-214/160A-215/160A-216/160A-217/160A-218/160A-219/160A-220/160A-221/160A-222/160A-223/160A-224/160A-225/160A-226/160A-227/160A-228/160A-229/160A-230/160A-231/160A-232/160A-233/160A-234/160A-235/160A-236/160A-237/160A-238/160A-239/160A-240/160A-241/160A-242/160A-243/160A-244/160A-245/160A-246/160A-247/160A-248/160A-249/160A-250/160A-251/160A-252/160A-253/160A-254/160A-255/160A-256/160A-257/160A-258/160A-259/160A-260/160A-261/160A-262/160A-263/160A-264/160A-265/160A-266/160A-267/160A-268/160A-269/160A-270/160A-271/160A-272/160A-273/160A-274/160A-275/160A-276/160A-277/160A-278/160A-279/160A-280/160A-281/160A-282/160A-283/160A-284/160A-285/160A-286/160A-287/160A-288/160A-289/160A-290/160A-291/160A-292/160A-293/160A-294/160A-295/160A-296/160A-297/160A-298/160A-299/160A-300/160A-301/160A-302/160A-303/160A-304/160A-305/160A-306/160A-307/160A-308/160A-309/160A-310/160A-311/160A-312/160A-313/160A-314/160A-315/160A-316/160A-317/160A-318/160A-319/160A-320/160A-321/160A-322/160A-323/160A-324/160A-325/160A-326/160A-327/160A-328/160A-329/160A-330/160A-331/160A-332/160A-333/160A-334/160A-335/160A-336/160A-337/160A-338/160A-339/160A-340/160A-341/160A-342/160A-343/160A-344/160A-345/160A-346/160A-347/160A-348/160A-349/160A-350/160A-351/160A-352/160A-353/160A-354/160A-355/160A-356/160A-357/160A-358/160A-359/160A-360/160A-361/160A-362/160A-363/160A-364/160A-365/160A-366/160A-367/160A-368/160A-369/160A-370/160A-371/160A-372/160A-373/160A-374/160A-375/160A-376/160A-377/160A-378/160A-379/160A-380/160A-381/160A-382/160A-383/160A-384/160A-385/160A-386/160A-387/160A-388/160A-389/160A-390/160A-391/160A-392/160A-393/160A-394/160A-395/160A-396/160A-397/160A-398/160A-399/160A-400/160A-401/160A-402/160A-403/160A-404/160A-405/160A-406/160A-407/160A-408/160A-409/160A-410/160A-411/160A-412/160A-413/160A-414/160A-415/160A-416/160A-417/160A-418/160A-419/160A-420/160A-421/160A-422/160A-423/160A-424/160A-425/160A-426/160A-427/160A-428/160A-429/160A-430/160A-431/160A-432/160A-433/160A-434/160A-435/160A-436/160A-437/160A-438/160A-439/160A-440/160A-441/160A-442/160A-443/160A-444/160A-445/160A-446/160A-447/160A-448/160A-449/160A-450/160A-451/160A-452/160A-453/160A-454/160A-455/160A-456/160A-457/160A-458



TC LL	20.0	PSF	REF	R215--	83494
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010039
BC LL	0.0	PSF	HC-ENG	RA/AP	
TOT.LD.	40.0	PSF	SEQN-	96248	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215	Z06

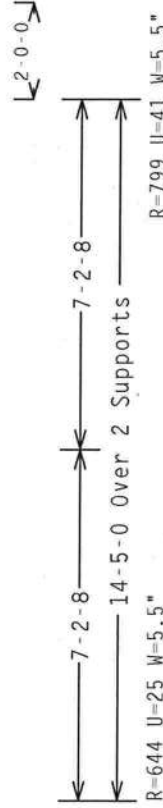
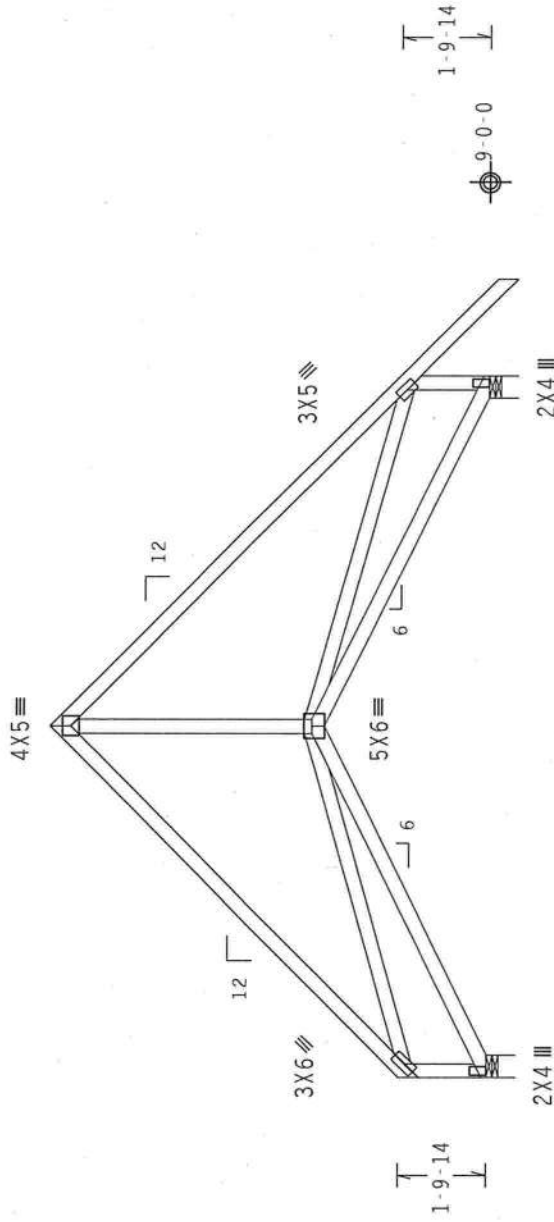
Top chord 2x4 SP SS
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

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

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

Wind reactions based on MWFRS pressures.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

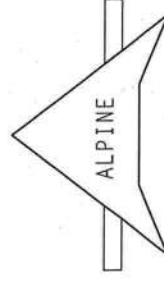
7.38.0810.00

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

Scale = .25\"/>

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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. ITW BCG TRUSSES ARE MANUFACTURED IN ACCORDANCE WITH 2010/1666 (M-1/557X) ASTM A501 GRADE 40/50 (4, 8/16, 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS. TRUSSES SHALL BE PERMANENTLY IDENTIFIED BY THE TRUSS COMPANY'S DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SUELY FOR THE TRUSS COMPANY'S DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



REF	R215--	83495
DATE	01/10/08	
DRW	HCUSR215	08010019
HC-ENG	EC/AP	
SEQN-	96229	
FROM	CDM	
JREF-	1TE1215_Z06	

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

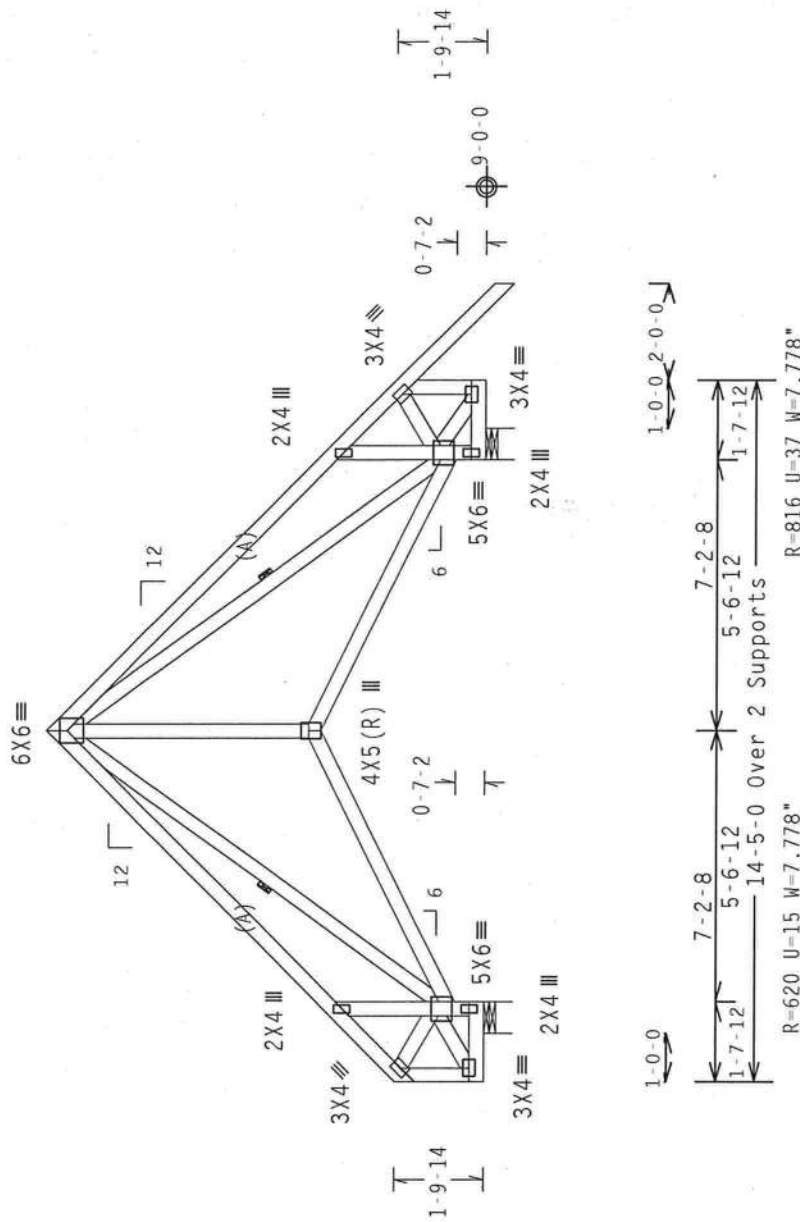
(A) Continuous lateral bracing equally spaced on member. Or 1x4 "I" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

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

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS' INSTITUTE, 2300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA, 6000 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 REG. 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/ASD) AND TPI. ITW REG. CORP. PLATES ARE MADE OF 20/10/16GA (4-N/55/K) ASTM A563 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. DESIGN SHALL BE PER AIA/ASD OF TPI-2002, SEC.3. A SEAL ON THIS DRAWING INDICATES THE ACCEPTANCE OF THIS DESIGN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



QTY:1	FL/-/5/-/-/R/-	Scale = .25"/Ft.
TC LL	20.0 PSF	REF R215-- 83496
TC DL	10.0 PSF	DATE 01/10/08
BC DL	10.0 PSF	DRW HCUSR215 08010048
BC LL	0.0 PSF	HC-ENG EC/AP
TOT.LD.	40.0 PSF	SEQN- 96228
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215_Z06

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

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

Calculated horizontal deflection is 0.42" due to live load and 0.40" due to dead load.

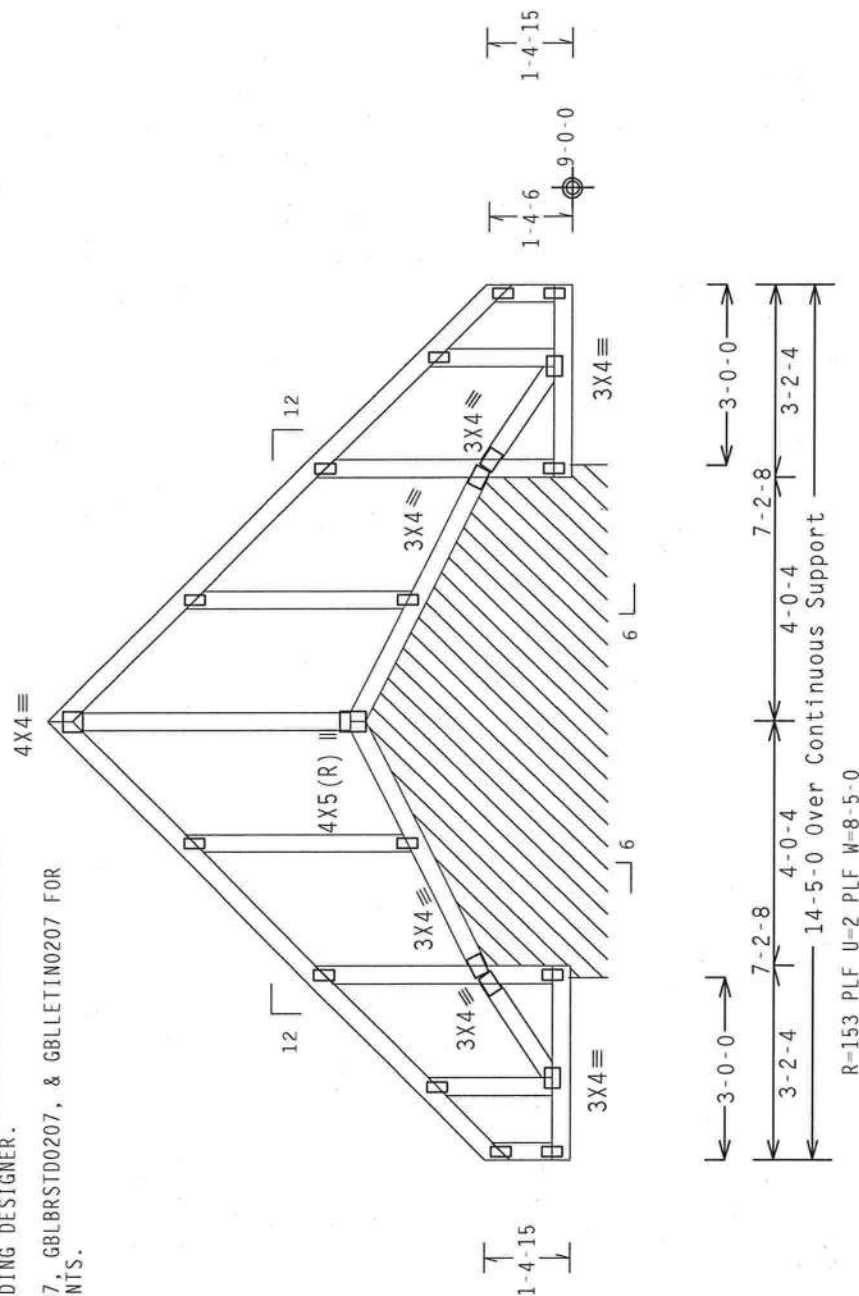
Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 8-7-7.

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.

SEE DWGS A11015EC0207, GBLBRSTD0207, & GBLLETIN0207 FOR
ADDITIONAL REQUIREMENTS.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

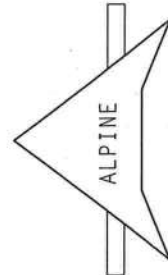
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310-8888

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

Scale = .3125" / Ft.

IC LL	20.0 PSF	REF	R215 -- 83497
TC DL	10.0 PSF	DATE	01/10/08
BC DL	10.0 PSF	DRW	HCU2R215 08010047
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN-	96252
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TE1215 Z06



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

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

WARNING: THUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE STEEL DECK INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VITA (WOOD THUSSES, COMPOSITE THUSSES, GLASS FIBER THUSSES, ALUMINUM THUSSES, ETC.) 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 CELLING.

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

[illegible]

Ja

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" _Gun_nails)

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

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

Webs : 1 Row @ 4" o.c.

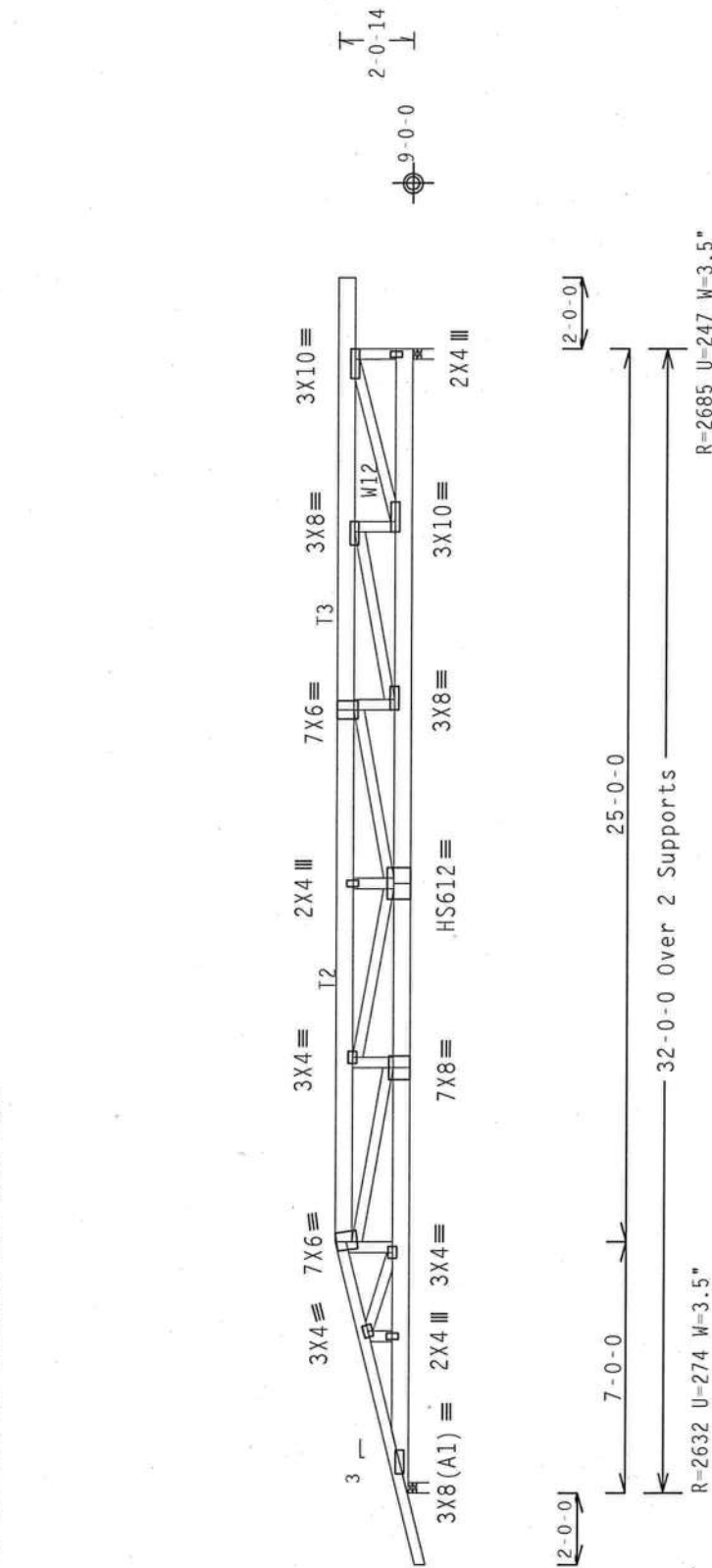
Use equal spacing between rows in each row to avoid colliding

in each row to avoid splitting.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 2-0-0 overhang.

The overall height of this truss excluding overhang is 2-0-14.

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.



R=2632 II=274 W=3 5"

R=2685 U=247 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

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

Scale = 1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALWAYS FOLLOW THE SAFETY INFORMATION, PUBLISHED BY (TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, AUSTIN, TX 78701) OR (TRUSS COUNCIL OF AMERICA, 600 E. FIRST STREET, SUITE 401, AUSTIN, TX 78701) FOR SAFETY PRACTICES. NEVER REPAIR OR MODIFY TRUSSES, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHILLING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BDS (NATIONAL DESIGN SPEC., BY AFAPMA) AND TPI. 1TN BCG
CONNECTOR PLATES ARE MADE OF 2018/T16G8 (M/MSK) ASTM A653 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. 1TN BCG
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A-3 OF TPI-2002 SEC.2.3. A SEAL ON THIS
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGN SHOWN. THE SUBMITAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANS/TPI 1 SEC. 2.



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



TC LL	20.0	PSF	REF	R215--	83498
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010026
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	96251	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215_Z06	

Top chord 2x4 SP #2 Dense :T2 2x4 SP SS:

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

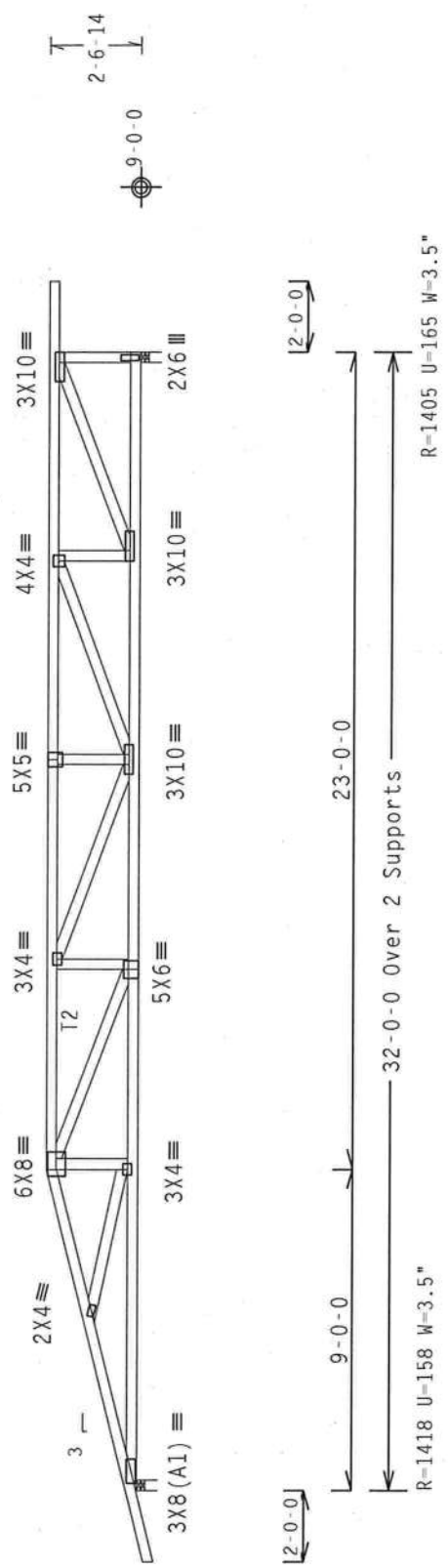
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 2-6-14.

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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.

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

PLT TYP. Wave



ALPINE

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

design CR16: TPI-2002(SID)/FBC

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

****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 WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSS CHORDS 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 OTHERWISE, WILL BE THE RESPONSIBILITY OF THE INSTALLER. THE FOLLOWING TRUSSES:

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INTERNATIONAL DESIGN TRUSSES. ITW BCG CONNECTION PLATES ARE MADE OF 20/10/16GA (94 MVS/81) ASTM A563 GRADE 40/60 (94 K/10.55) GALV. STEEL. SUPPLY PLATES TO EACH FACE OF TRUSS AND (UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1600 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.

QTY:1

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

SCALE = .1875" / FT.

REF	R215 --	83499
DATE	01/10/08	
DRW	HCUSR215	08010018
HC-ENG	EC/AP	
SEQN-	96227	
FROM	CDM	
JREF-	1TE1215	Z06

TC LL

TC DL

BC DL

BC LL

TOT.LD.

DUR.FAC.

SPACING

20.0 PSF

10.0 PSF

10.0 PSF

0.0 PSF

40.0 PSF

1.25

24.0"



James S. Collins
Professional Engineer
State of Florida
License No. 52219

Jan 10 08

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

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

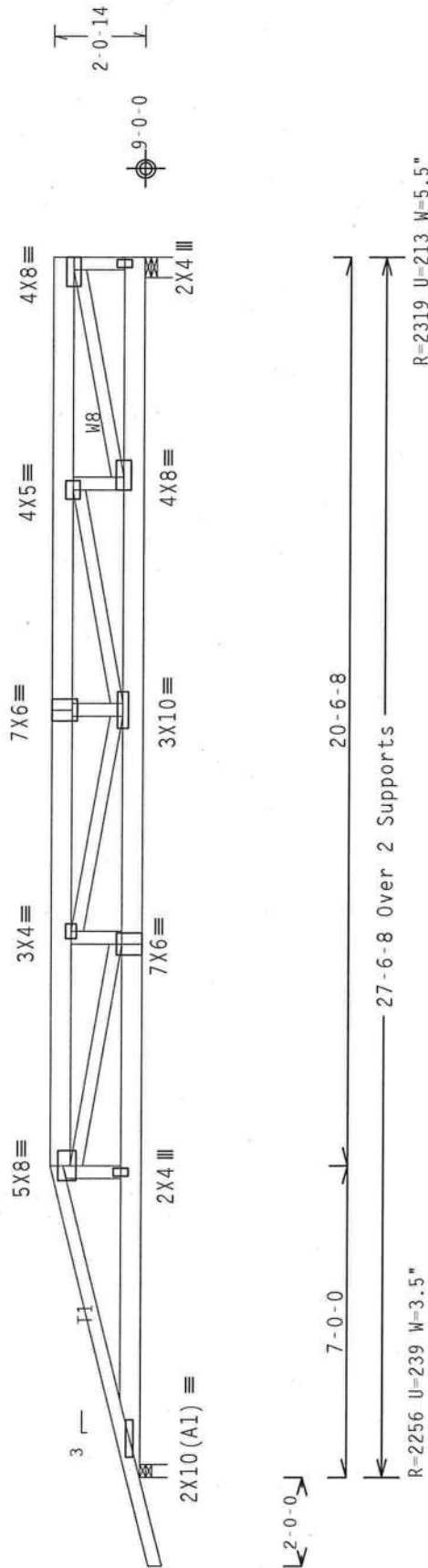
Bot Chord: 1 Row @12.00" 0.c.

Webs : 1 Row @ 4" o.c.

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

Right end vertical not exposed to wind pressure.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.



R=2256 H=239 W=35"

27-6-8 Over 2 Supports

R=2319 U=213 W=5.5"

Design Crit: TPI-2002(STD)/FBC

1.2002 (Std) / 1.00
Cq/RT=1.00 (1.25) / 0 (0)
7.38.0810.02

Scale = .25"/Ft.

QTY:1 FL/-15/-/-/R/-

Scale = 25" / Ft

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE MANUFACTURER. FOR MORE INFORMATION, CONTACT THE MANUFACTURER. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND VITA (4000) TRUSS COUNCIL OF AMERICA, 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 PROPERLY ATTACHED RIGID CEILING.

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

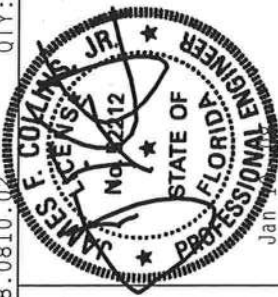
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. (BY AFAPM) AND IPT-1. ITM BCG HAS CONDUCTED VISUAL INSPECTION OF THE TRUSS AND HAS OBSERVED THE FOLLOWING DEFECTS:

PLATES TO EACH FACE OF TRUSS ARE NOT FULLY WELDED TO EACH OTHER.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY A QUALIFIED PERSONNEL.

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

THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIAA/IPT-1 SEC. 2.



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

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

Top chord 2x4 SP #2 N :T3 2x6 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 61 PLF at -2.00 to 61 PLF at 8.00
TC - From 68 PLF at 8.00 to 68 PLF at 16.47
TC - From 61 PLF at 16.47 to 61 PLF at 22.46
BC - From 20 PLF at 0.00 to 20 PLF at 8.23
BC - From 20 PLF at 8.23 to 20 PLF at 22.46
BC - 836 LB Conc. Load at 16.63

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 10-9-9.

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

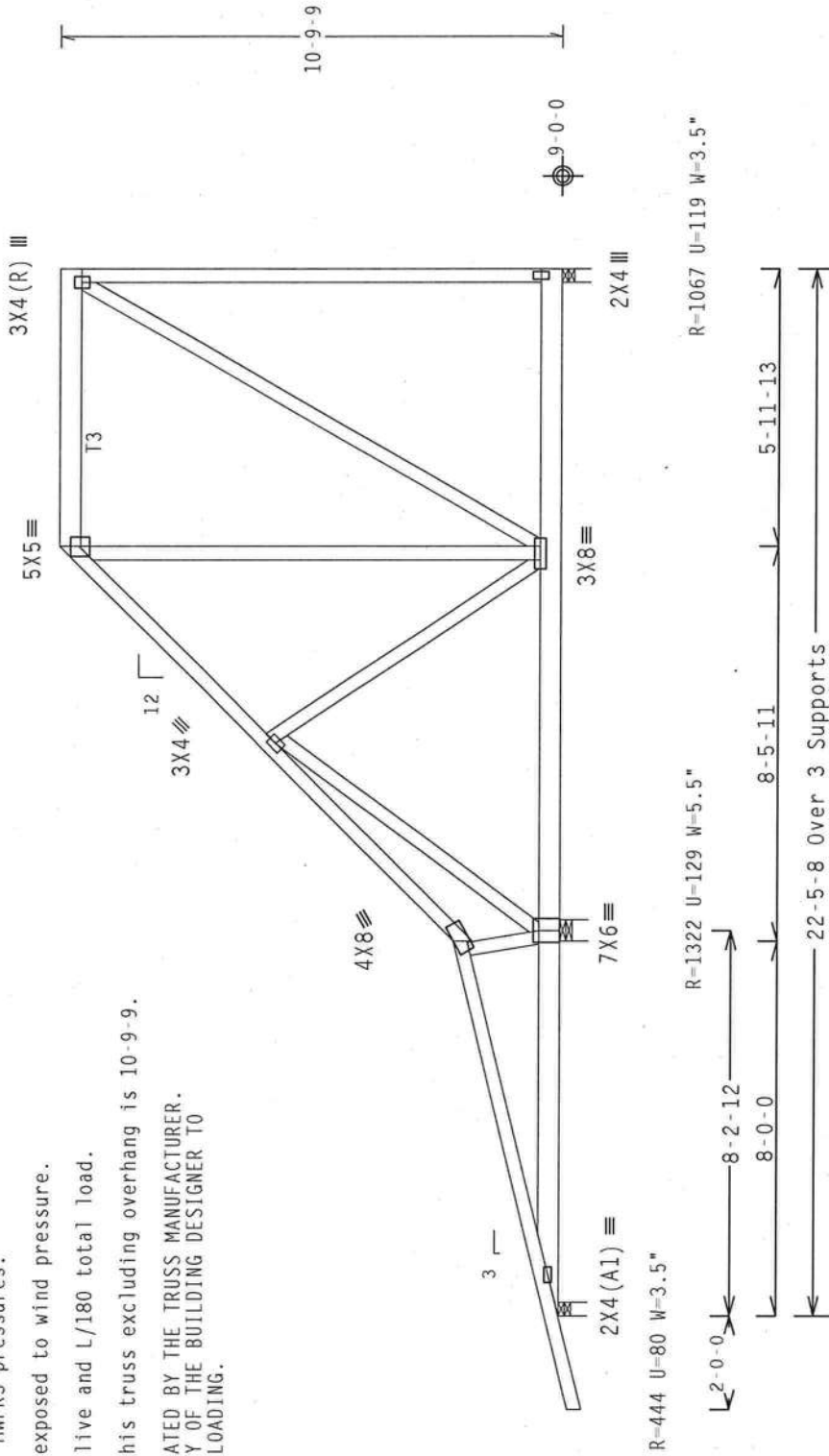
Top Chord: 1 Row @12.00" o.c.

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

Webs : 1 Row @ 4" o.c.

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

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



Design Crit: TPI-2002(STD)/FBC

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

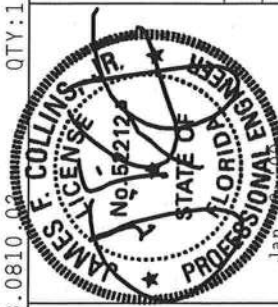
7.38-0810-00

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

Scale = .25"/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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI1. ITW BCG PLATES OR PLATES MADE OF 2016/16GA (40/55KS) ASTM A653 GRADE 40/50 (40, 50, 55) GALV. STEEL. APPLY PLATES TO ALL CHORDS AND WEBS. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PER AMERICAN INSTITUTE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT'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.

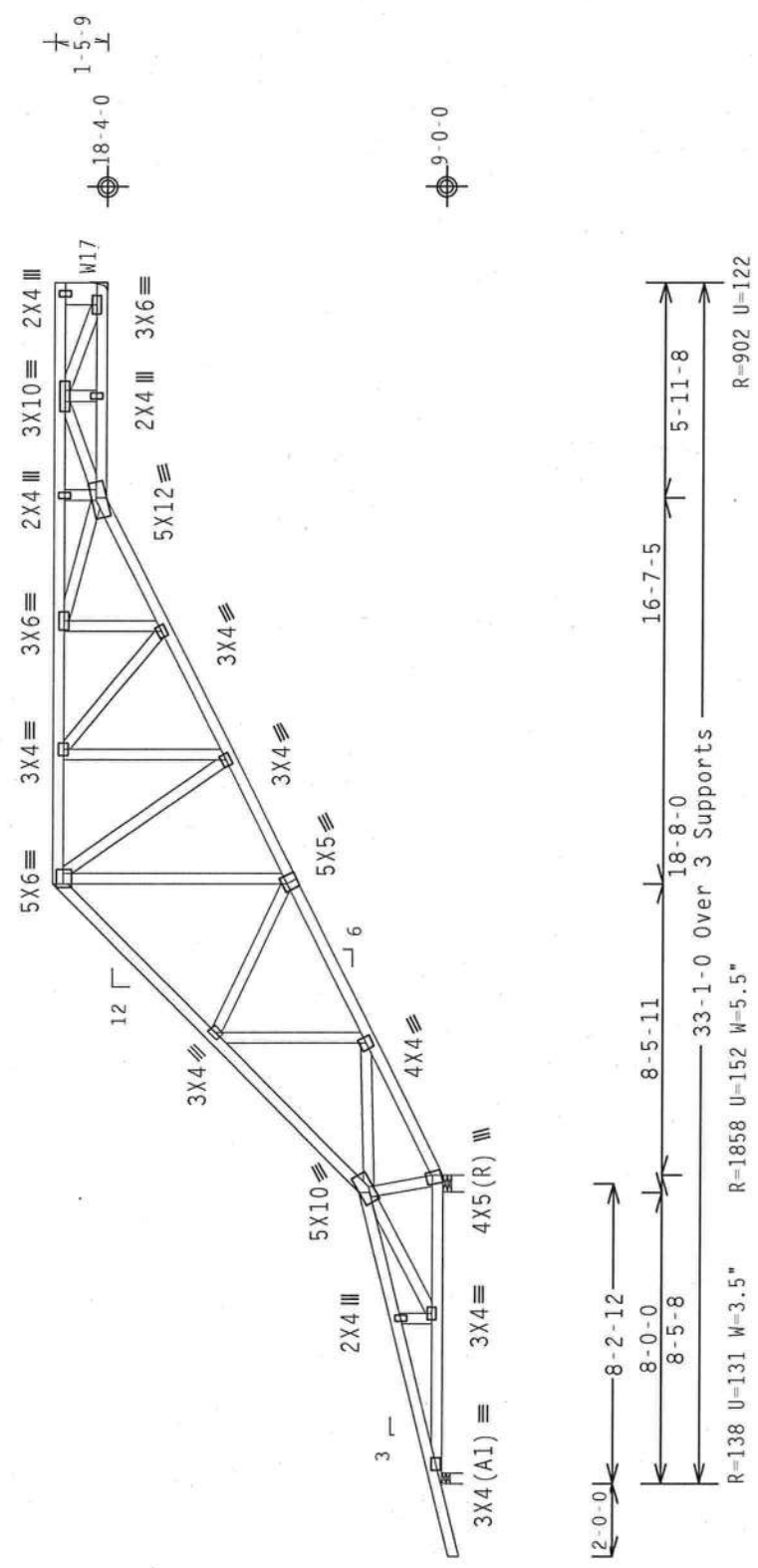


TC LL	20.0 PSF	REF	R215--	83501
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010045
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEON-	96255	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z06	

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W17 2x8 SP #2 N:
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18

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

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



PLT TYP. Wave

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

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

7.38.0810

QTY: 6

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

Scale = .1875" /Ft.

TC LL	20.0 PSF	REF	R215--	83502
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010027
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	96233	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z06	

Top chord 2x4 SP #2 N :T3, T4 2x6 SP #2 N:

Bot chord 2x4 SP #2 N

Webs 2x4 SP #2 N :W15 2x6 SP #2 N:

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

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

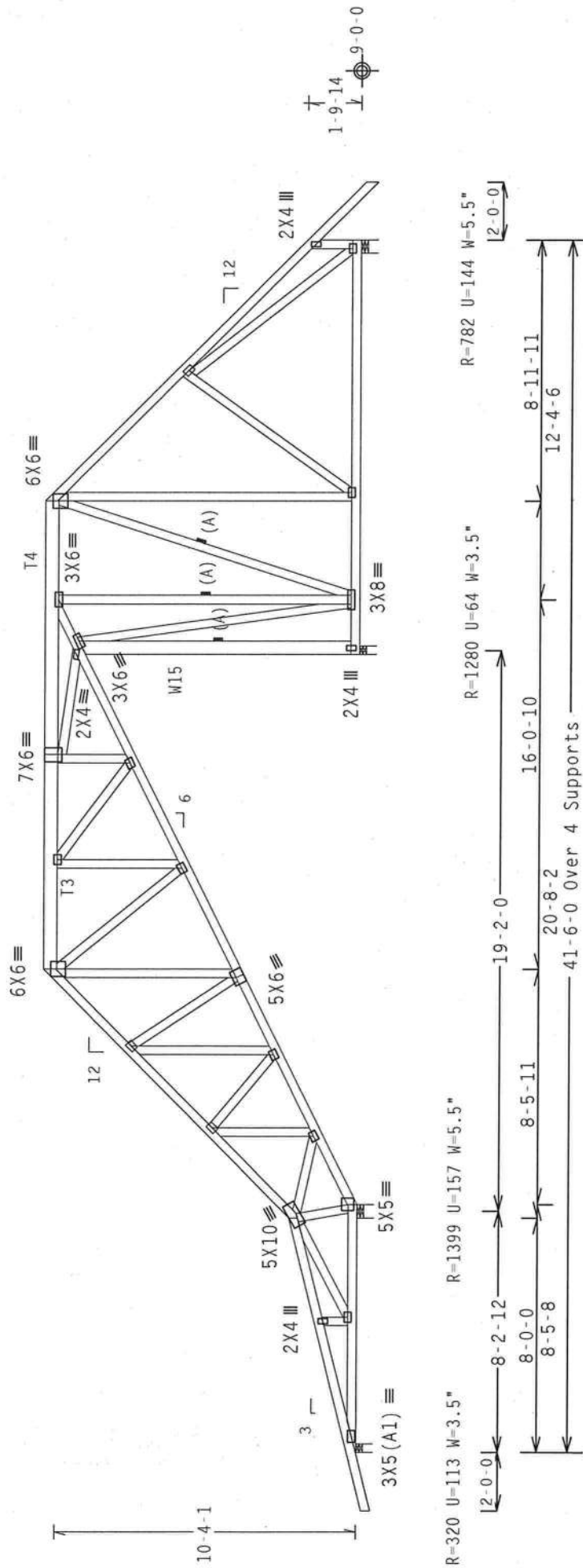
SEE DWG.BCFILLER1106 AND TCFILLER1106 FOR FILLER DETAILS.

LATERALLY BRACE CHORD BELOW FILLER AT 24" OC (OR AS DESIGNED)
INCLUDING A LATERAL BRACE ON CHORD DIRECT ABOVE/BELOW BOTH ENDS
OF FILLER (IF NO RIGID DIAPHRAM EXISTS AT THAT POINT)

110 mph wind, 15.00 ft mean ht, 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 GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

0TY·4 EI / - / 5 / - / - / 9 / - /

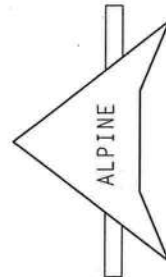
Scale = .1875"/Ft.

[illegible]

****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 IPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

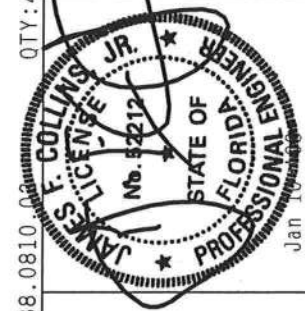
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. FOR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. 1TW BEG

CONNECTOR PLATES ARE MADE OF 2018/176GA (N/45/55K) ASTM A653 GRADE 40/60 (N. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS 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 AWS/PTP 1 SEC. 2.



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

FL Certificate of Authorization # 0 278



Jan 19

TC LL	20.0	PSF	REF	R215--	83503
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010037
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEON-	96234	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215_Z06	

Top chord 2x4 SP SS :T3, T4 2x4 SP #2 N:
Bot chord 2x4 SP #2 N :B4 2x4 SP SS:
Webs 2x4 SP #2 N

Gable end supports 8" max rake overhang.

See DWGS A11015EE0207 & GBLLETTIN0207 for more requirements.

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

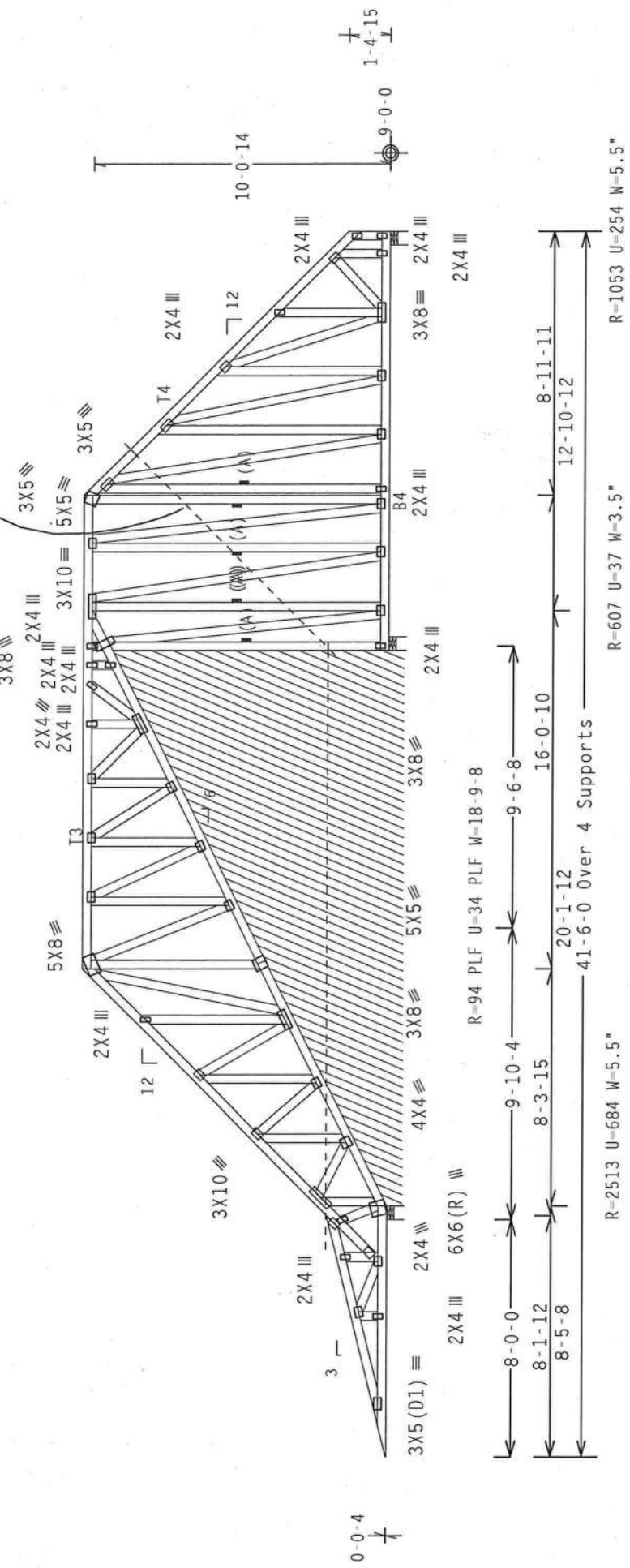
The overall height of this truss excluding overhang is 10-4-10.

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.

Wind reactions based on MWFRS pressures.

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

ADJACENT ROOF LINE

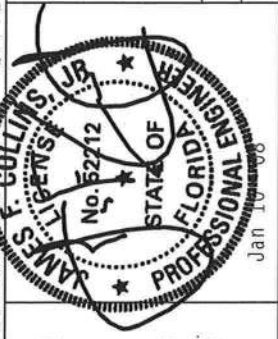


Note: All Plates Are 3x4 Except As Shown.

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

Scale = .1875"/Ft.

REF	R215--	83504
DATE	01/10/08	
DRW	HCUSR215	08010029
HC-ENG	RA/AP	
SEQN-	96236	REV
FROM	CDM	
JREF-	1TE1215_Z06	



PLT TYP. Wave

ALPINE

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

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

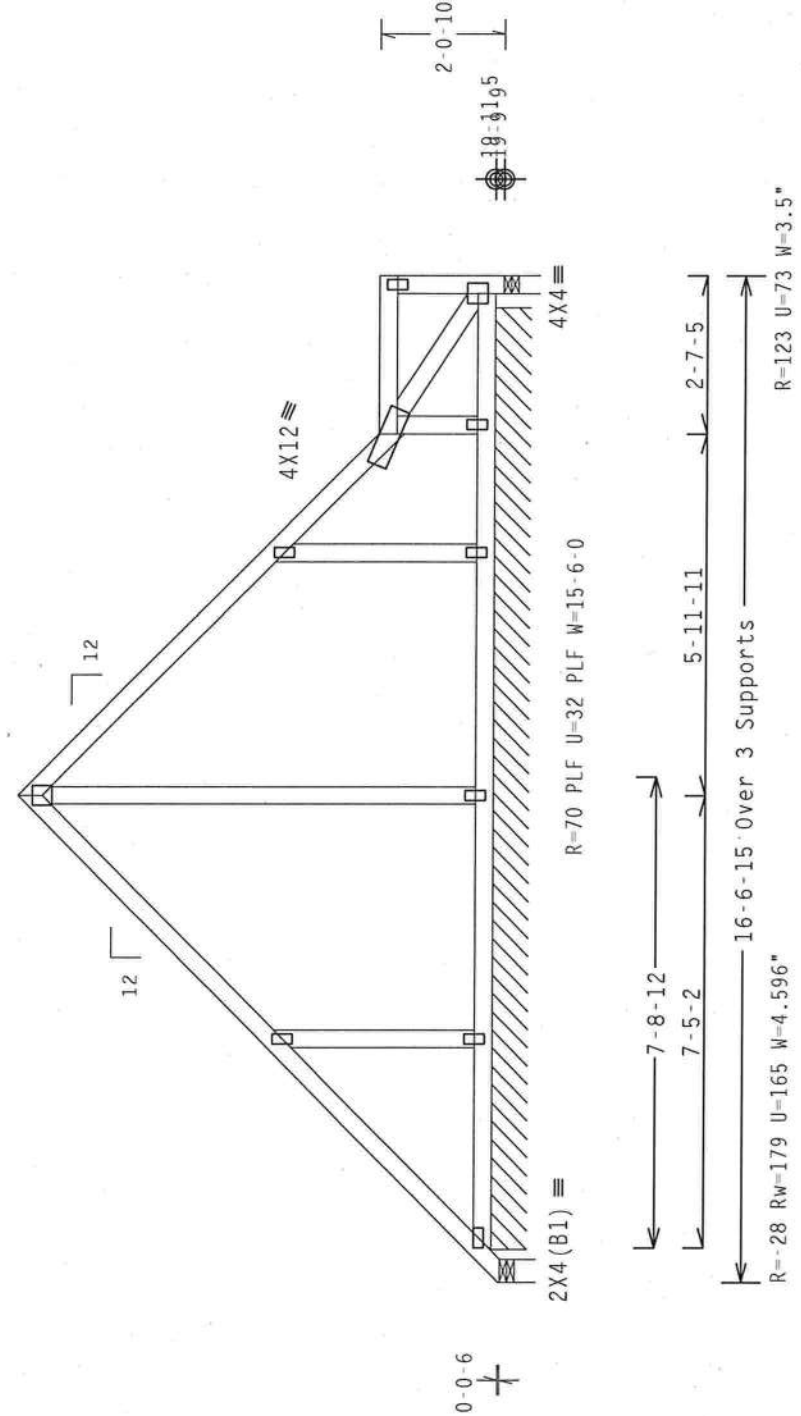
IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/ASA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/106GA CM/J55X5 ASTM A653 GRADE 40/60 (4. K/H.SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES AND, IF NECESSARY, REPAIR OR REPLACE PLATES TO MEET THE REQUIREMENTS 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.

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

Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.
REFER TO DRAWING PIGBACKB0207 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED AT 24" O.C.

110 mph wind, 23.82 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Right end vertical not exposed to wind pressure.
In lieu of rigid ceiling use purlins to brace BC @ 24" OC.
The overall height of this truss excluding overhang is 8'-0"-5."



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002 (STD) /FBC

PLT TYP. Wave

Scale = .3125" /Ft.

REF	R215--	83506
DATE	01/10/08	
DRW	HCUSR215	08010022
HC-ENG	RA/AP	
SEON-	96244	
FROM	CDM	
JREF-	1TE1215_Z06	

QTY: 1

TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT. LD.	40.0	PSF
DUR. FAC.	1.25	
SPACING	24.0"	

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

7.38.0810

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

16'-6"-15" Over 3 Supports

R=28 Rw=179 U=165 W=4.596"

R=123 U=73 W=3.5"

0'-0"-6"

7'-8"-12"

7'-5"-2"

5'-11"-11"

2'-7"-5"

4X4

4X12

2X4 (B1)

R=70 PLF U=32 PLF W=15-6-0

4X4

2'-0"-10"

19'-3'-9.5"

0-0-6

12

12

4X4

ALPINE

ITW Building Components Group, Inc.

Haines City, FL 33844

FL Certificate of Authorization # 0278

STATE OF FLORIDA

PROFESSIONAL ENGINEER

NO. 52212

JAN 10 08

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 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 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-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG CORP. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE FABRICATOR SHALL BE RESPONSIBLE FOR THE FABRICATION AND INSTALLATION. 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

110 mph wind, 23.82 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

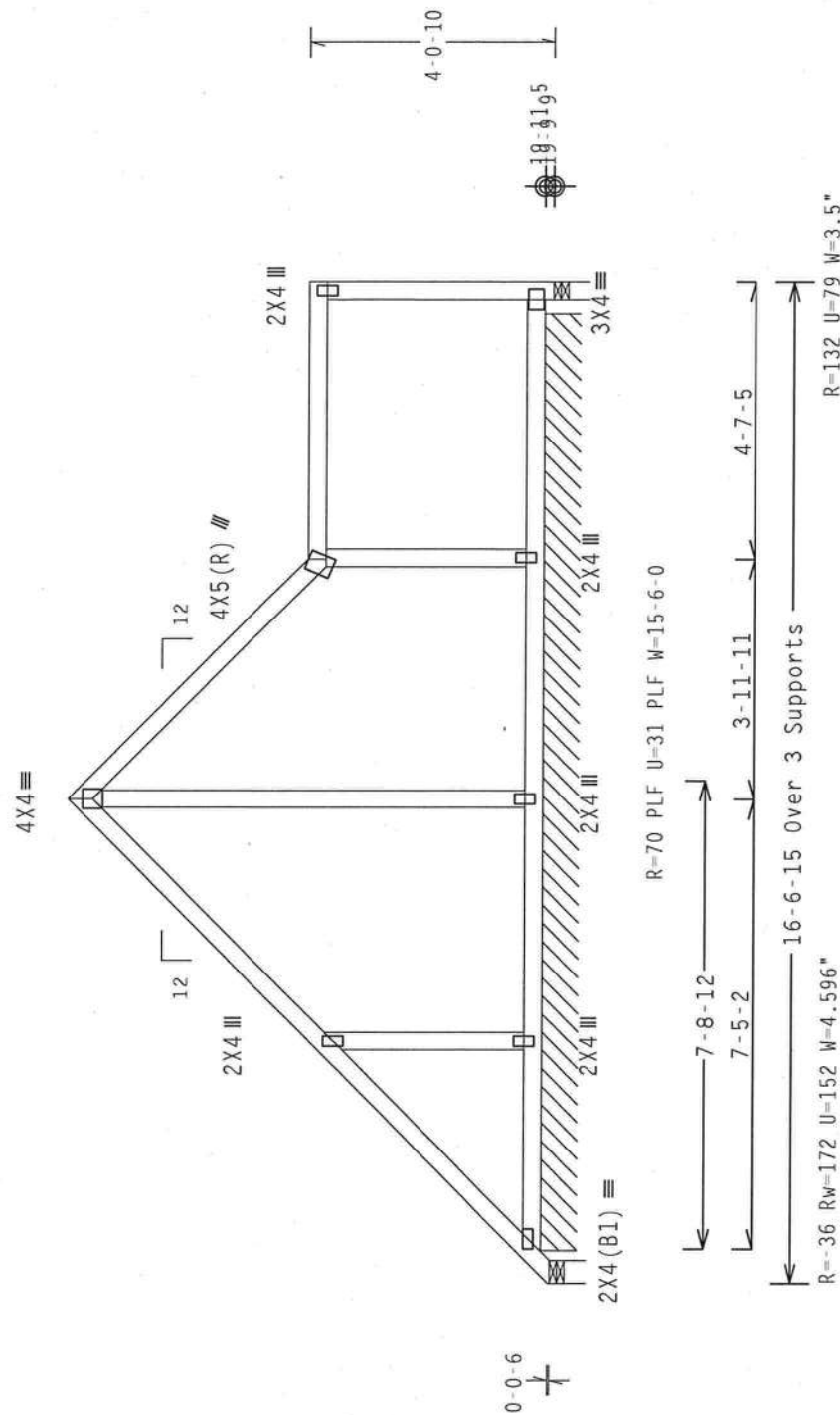
Wind reactions based on MWFRS pressures.

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

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

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

The overall height of this truss excluding overhang is 8-0-5.



Design Crit: TPI-2002(STD)/FBC

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

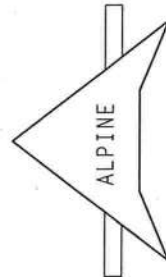
QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave

****WARNING**** THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THOSSES REQUIRE SPECIAL SAFETY INFORMATION, PUBLISHED BY THE PRESS PLATE INSTITUTE, 6100 NORTH LEE STREET, SUITE 100, CHICAGO, ILL. 60631. THOSE IN THE UNITED STATES OF AMERICA, CANADA, MEXICO, SOUTH AMERICA, AUSTRALIA, AND JAPAN SHOULD CONTACT THE PRESS PLATE INSTITUTE, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

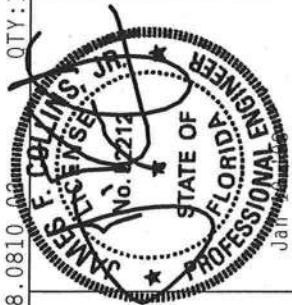
****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPT1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/T186 (M-17552K) ALUMINUM 6063 GRADE 4040 (M, K1H-S5) GALV. STEEL, APPLIED TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIONED PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC. 2, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TP1, 1, ETC., 2.



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

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



TC LL	20.0	PSF	REF	R215--	83507
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010023
BC LL	0.0	PSF	HC-ENG	RA/AP	
TOT.LD.	40.0	PSF	SEQN-	96243	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215	Z06

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

110 mph wind, 23.82 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. lw=1.00 GCpi(+/-)=0.18

Wind reactions based on MwFRS pressures.

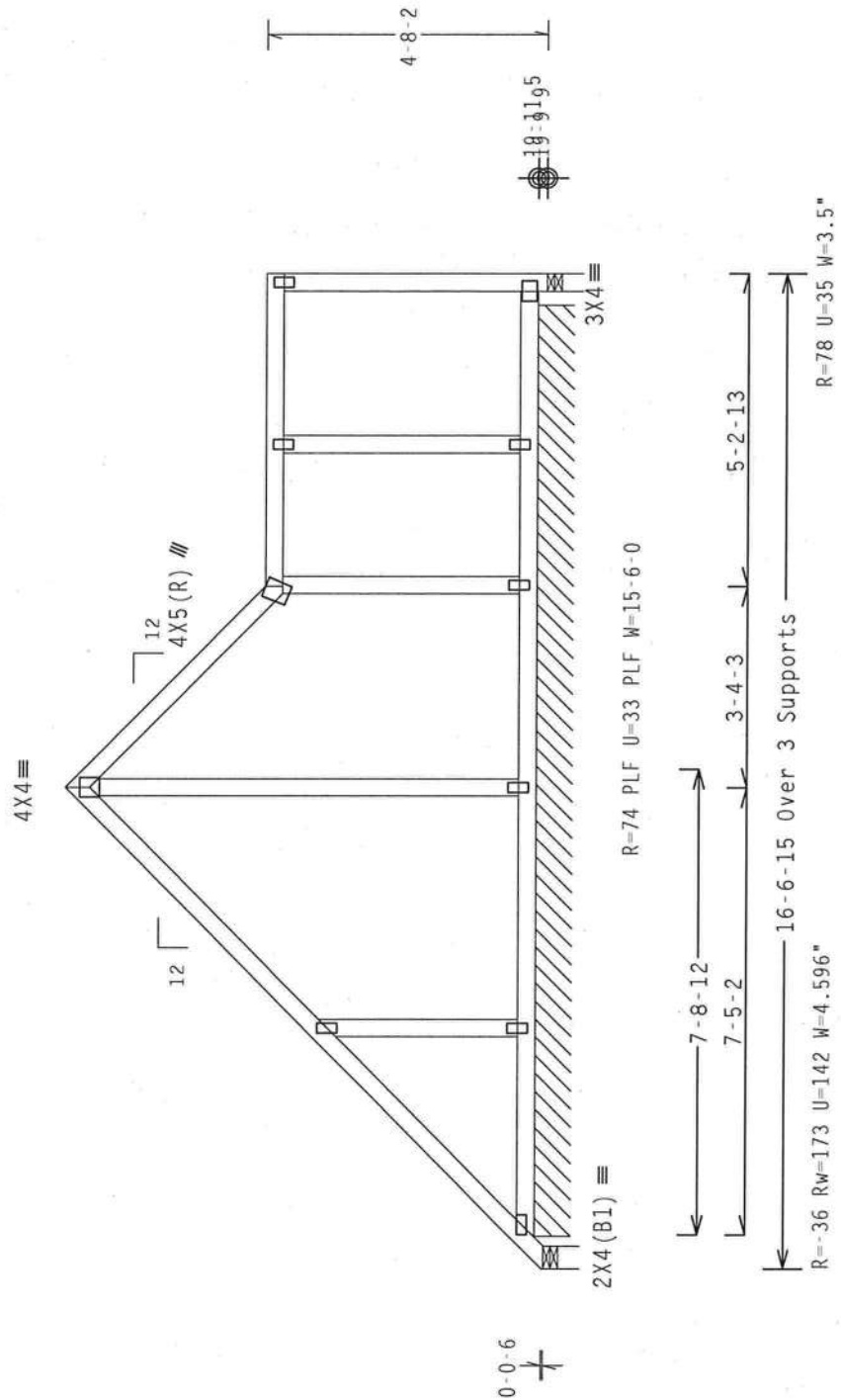
Right end vertical not exposed to wind pressure.

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

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

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

The overall height of this truss excluding overhang is 8'-0"-5."



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1		FL / - / 5 / - / - / R / -	Scale = .3125" / Ft.	
	TC LL	20.0 PSF	REF	R215 - -	83508
JAMES F. GOJANS, J.A. Professional Engineer No. 12212 State of Florida Jan 10, 2008	TC DL	10.0 PSF	DATE	01/10/08	
	BC DL	10.0 PSF	DRW	HCUSR215	08010024
ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0 278	BC LL	0.0 PSF	HC-ENG	RA/AP	
	TOT.LD.	40.0 PSF	SEQN -	96242	
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, 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.	DUR.FAC.	1.25	FROM	CDM	
	SPACING	24.0"	JREF -	1TE1215_Z06	

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

Wind reactions based on MWFRS pressures.

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

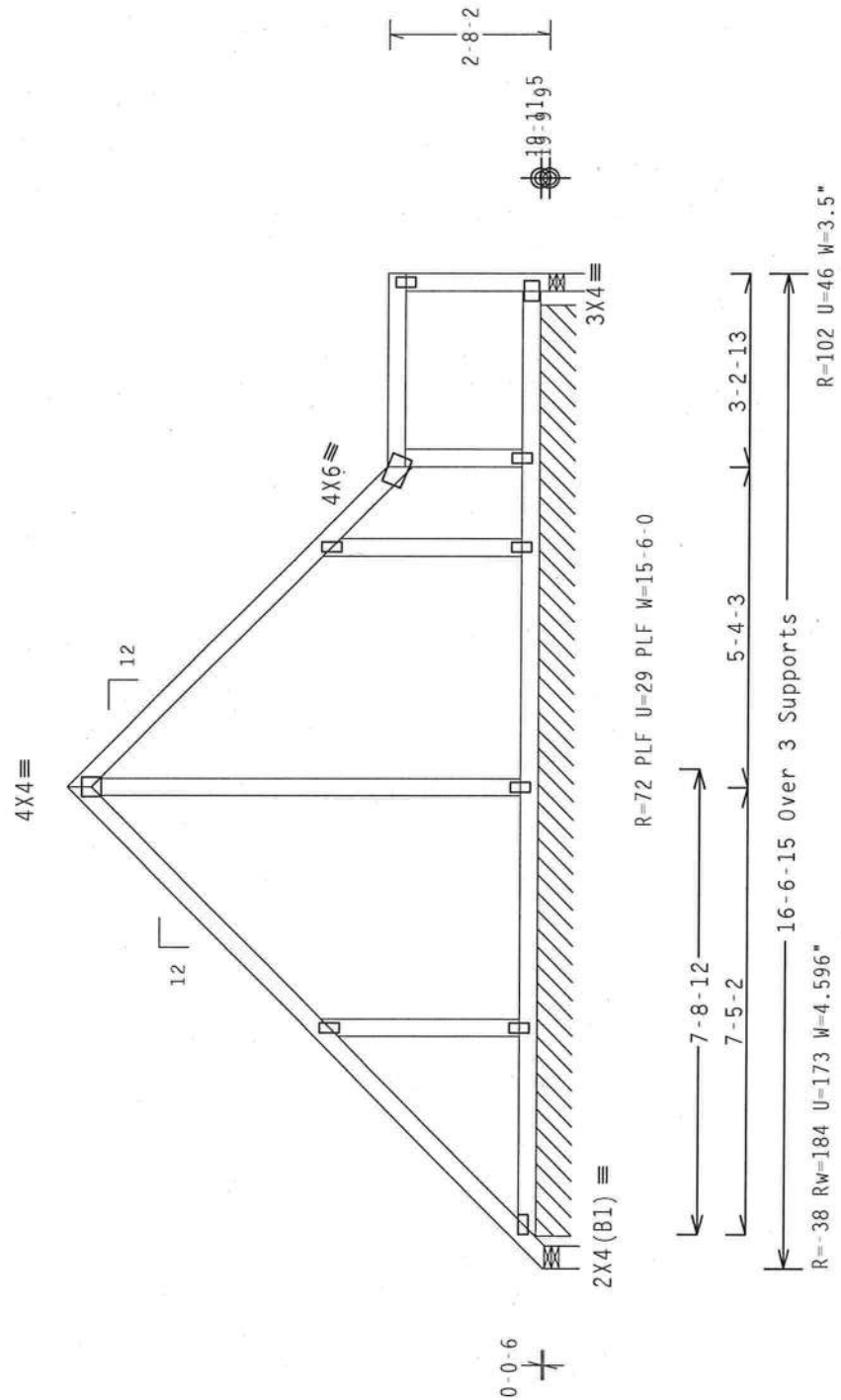
REFER TO DRAWING PIGBACK0207 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO
BE BRACED AT 24" O.C.

110 mph wind, 23.82 ft mean hgt, ASCE 7-02, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=2.0 psf. lw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 8-0-5.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

	QTY: 1		FL / - / 5 / - / - / R / -	Scale = .3125" / Ft.
	TC LL	20.0 PSF	REF	R215 -- 83509
	TC DL	10.0 PSF	DATE	01/10/08
	BC DL	10.0 PSF	DRW	HCUSR215 08010025
	BC LL	0.0 PSF	HC-ENG	RA/AP
TOT.LD.		40.0 PSF	SEQN	96241
DUR.FAC.		1.25	FROM	CDM
SPACING		24.0"	JREF	1TE1215_Z06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE NATIONAL INSTITUTE OF 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. 1TH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. 1TH BCG CONNECTION PLATES ARE MADE OF 2018/16GA (M-M/SS/2) ASTM A653 GRADE 40/60 (M K/A-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. PLATES SHALL BE PLACED AS SHOWN BY (1) SHALL BE PER ABRAC 33 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
1TH Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

(5140 - / JEREMY & BECKY)

110 mph wind, 23.82 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

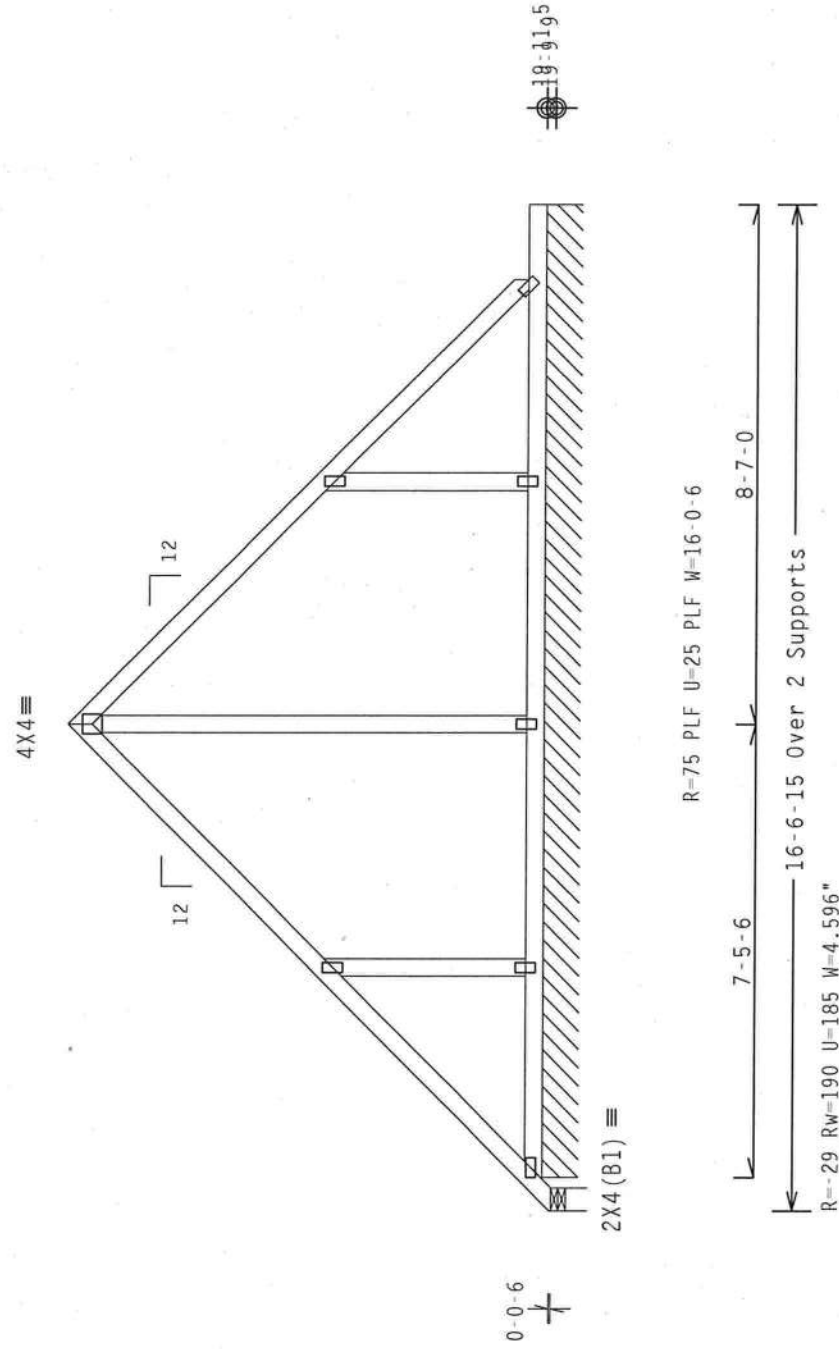
Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 8-0-5.

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

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

REFER TO DRAWING PIGBACKB0207 FOR PIGBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGBACK TO
BE BRACED AT 24" O.C.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

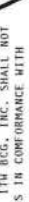
PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESI (BUILDING COMPONENTS INFORMATION), PUBLISHED BY IPTI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, (703) 683-1100, FOR SPECIFIC TRUSS BRACING, CONNECTION, ENTERPRISE LANE, MADISON, MI 48051-9191. 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 DETAILING FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH IPTI, OR FABRICATING, HANDLING, SHIPPING OR INSTALLING TRUSSES, SHALL BE THE RESPONSIBILITY OF THE DESIGNER. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC) FOR AERPO AND TPT. ITH BCG CONNECTOR PLATES ARE MADE OF 2070/10660 (H/255)P3 ASTM A653 GRADE 40/660 (H/20/55) GALV. STEEL. PLATE THICKNESS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LABELED ON THIS DESIGN, POSITION PER DRAWINGS 16C-1, 2, 3. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEN 43 OF TPTI-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/TPTI 1 SEC. 2.

REF	R215--	83510	TC LL	20.0	PSF
DATE	01/10/08		TC DL	10.0	PSF
DRW	HCUSR215	08010034	BC DL	10.0	PSF
	HC-ENG RA/AP		BC LL	0.0	PSF
SEQN-	96240		TOT.LD.	40.0	PSF
FROM	CDM		DUR.-FAC.	1.25	
JREF-	1TE1215	Z06	SPACING	24.0"	





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

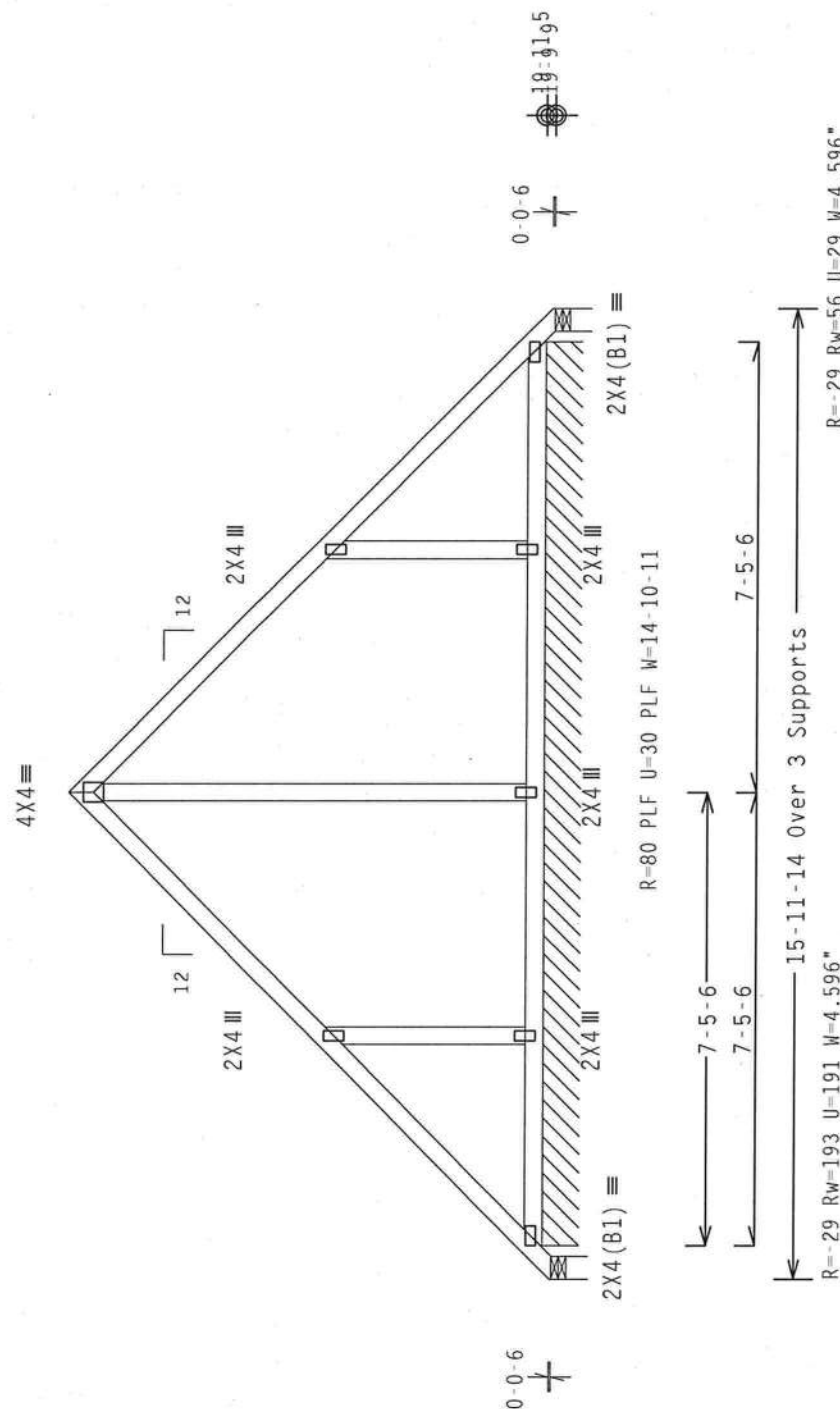
1110 mph wind, 23.82 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, lw=1.00 GCpl(+/-)=0.18

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 8-0-5.

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

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.
Deflection meets L/240 live and L/180 total load.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

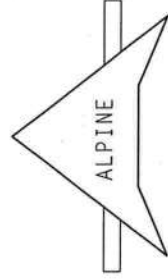
TC LL	20.0	PSF	REF	R215--	83511
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010033
BC LL	0.0	PSF	HC-ENG	RA/AP	
TOT.LD.	40.0	PSF	SEQN-	96245	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215	Z06



Jan 10 08

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. PLEASE TO TEST BEFORE INSTALLATION. PUBLISHED BY TPI (TROSS PLATE INSTITUTE), 4300 NORTH LIFE STREET, SUITE 312, ALPHARETTA, GA 32210. (404) 487-2388. FAX (404) 487-2389. ENTERPRISE LANE, MADISON, MI 48219. (313) 527-1919. FOR MORE INFORMATION, VISIT OUR WEBSITE: WWW.TPI-USA.COM. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 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 BRACING OF TRUSSES IN CONFORMANCE WITH THIS DESIGN CONFORMS WITH THE DESIGN. UNIFORM SHIPPING, INSTALLING & FACTORING OF TRUSSES, CONECTOR PLATES ARE MADE OF 2010/1056A OR OTHERWISE. (SEE 6633 DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG PLATES TO EACH FACE OF TRUSSES AND/OR SUBSTRATE. (SEE 6633 DESIGN SPEC. BY AF&PA) GALVALUX APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERX A3 OF TPI-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 AMST/TP1 1 SEC. 2.



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

Top chord 2x6 SP #2 Dense
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 60 PLF at 0.00 to 60 PLF at 15.21
BC - From 20 PLF at 0.00 to 20 PLF at 15.21
TC - 763 LB Conc. Load at 2.00, 4.00, 6.00, 8.00, 9.99
12.00, 14.00

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 9-4-0.

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

Top Chord: 1 Row @ 4.25" o.c.

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

Webs : 1 Row @ 4" o.c.

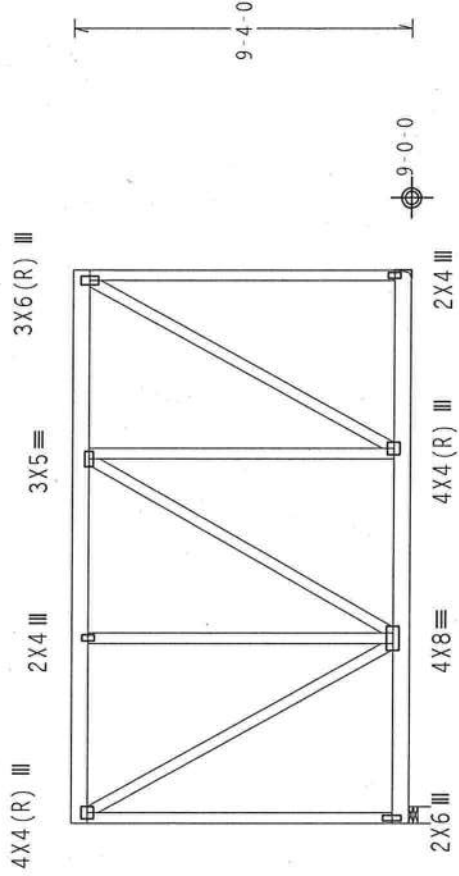
Use equal spacing between rows and stagger nails

in each row to avoid splitting.

110 mph wind, 18.33 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.18

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

The TC of this truss shall be braced with attached spans at 24"
OC in lieu of structural sheathing.



R=3140 U-499 W=5.5"

R-3418 U-543

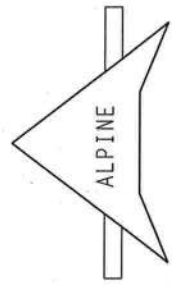
15-2-8 Over 2 Supports

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY: 1	FL / - / 5 / - / - / R / -	Scale = .1875" / Ft.
	TC LL	20.0 PSF	REF R215-- 83512
	TC DL	10.0 PSF	DATE 01/10/08
	BC DL	10.0 PSF	DRW HCUSR215 08010233
	BC LL	0.0 PSF	HC-ENG EC/AP
	TOT.LD.	40.0 PSF	SEON- 97055
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1TE1215_Z06

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

****IMPORTANT**** 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. UNLESS OTHERWISE INDICATED, ALL TRUSS COMPONENTS SHALL BE MADE OF 20/18 FSC GALV. STEEL. APPLY CONNECTOR PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PROVIDE ONE PER A SEAL ON THIS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANSI A3 OF TPI-2002 SEC.3.2. PROVIDE ONE PER 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.



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Haines City, FL 33844
FL Certificate of Authorization # 0278

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

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

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

Wind reactions based on MWFRS pressures.

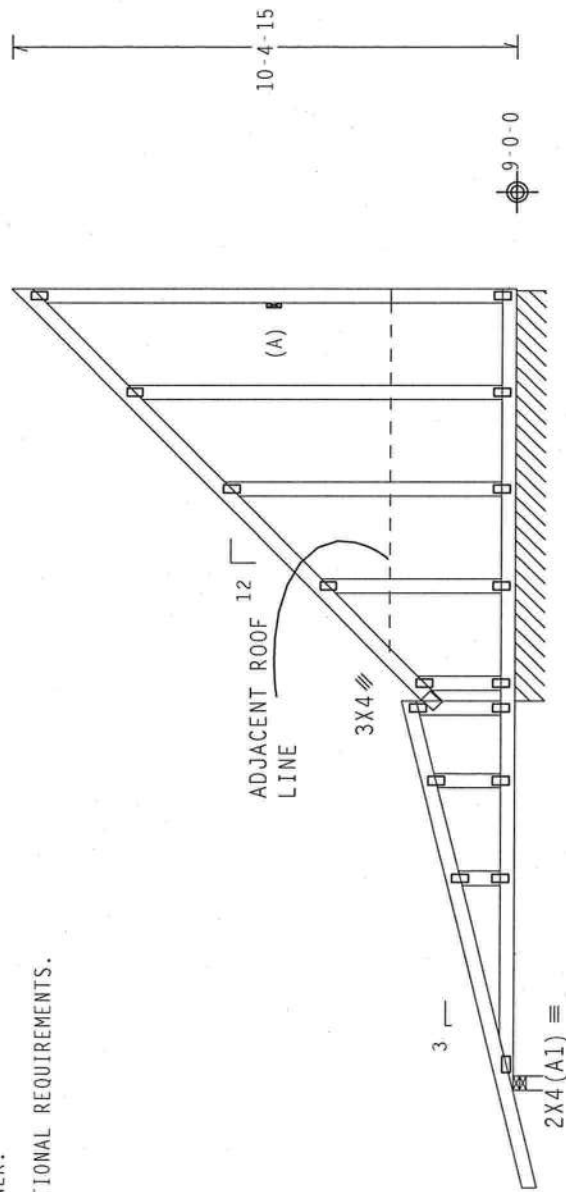
Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 10-4-15.

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.

SEE DWGS A11015EE0207 FOR ADDITIONAL REQUIREMENTS.


$$\sqrt{2-0-0} \quad \sqrt{0-0-8}$$

8'-0" 16'-6" Over 2 Supports 8'-6" 0

R=439 U=96 W=3.5" R=127 PLF U=14 PLF W=8.5-8

Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD) /FBC

PLT TYP. Wave

 $Cq/RT=1.00(1.25)/0.0$

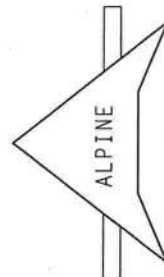
QTY:1 FL/-/5/-/-/R/-/
Scale = 25"/Ft.

Scale = .25"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPT (CRUSS PLATE INSTITUTE, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 NORTH LEE STREET, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES,
CONNECTOR PLATES ARE MADE OF 2018/T1066 (N-1/55/K) ASTM A653 GRADE 40/60 (N, K/H-SS) GALV. STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, 3.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4.3 OF TPII-2902 SEC. 2;
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/TPII 1 SEC. 2.



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



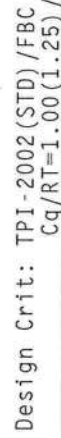
Jan 10 08

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 10-9-14.



0810

QTY:7 FL/-/5/-/-/R/-/

Scale = 25"/Ft.

TC LL	20.0	PSF	REF	R215--	83514
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010234
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	96231	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1TE1215_Z06	



Jan 10 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

110 mph wind, 21.72 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

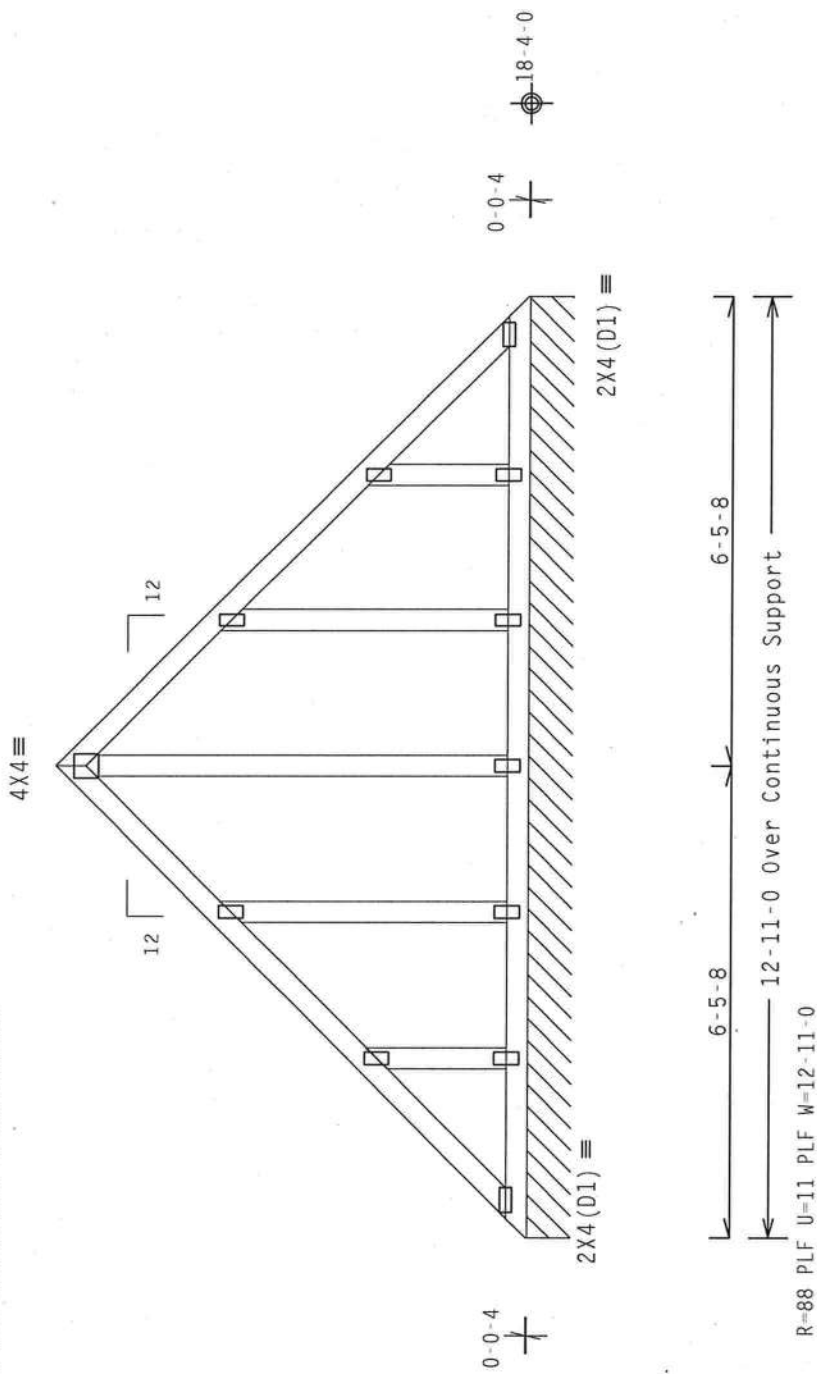
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 6-5-12.

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.

SEE DWGS A11030EC0207 FOR ADDITIONAL REQUIREMENTS.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

QTY:1

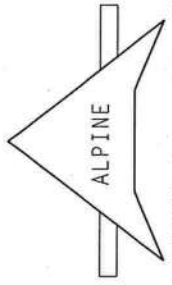
Scale = .375"/Ft.

****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 METAL 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.

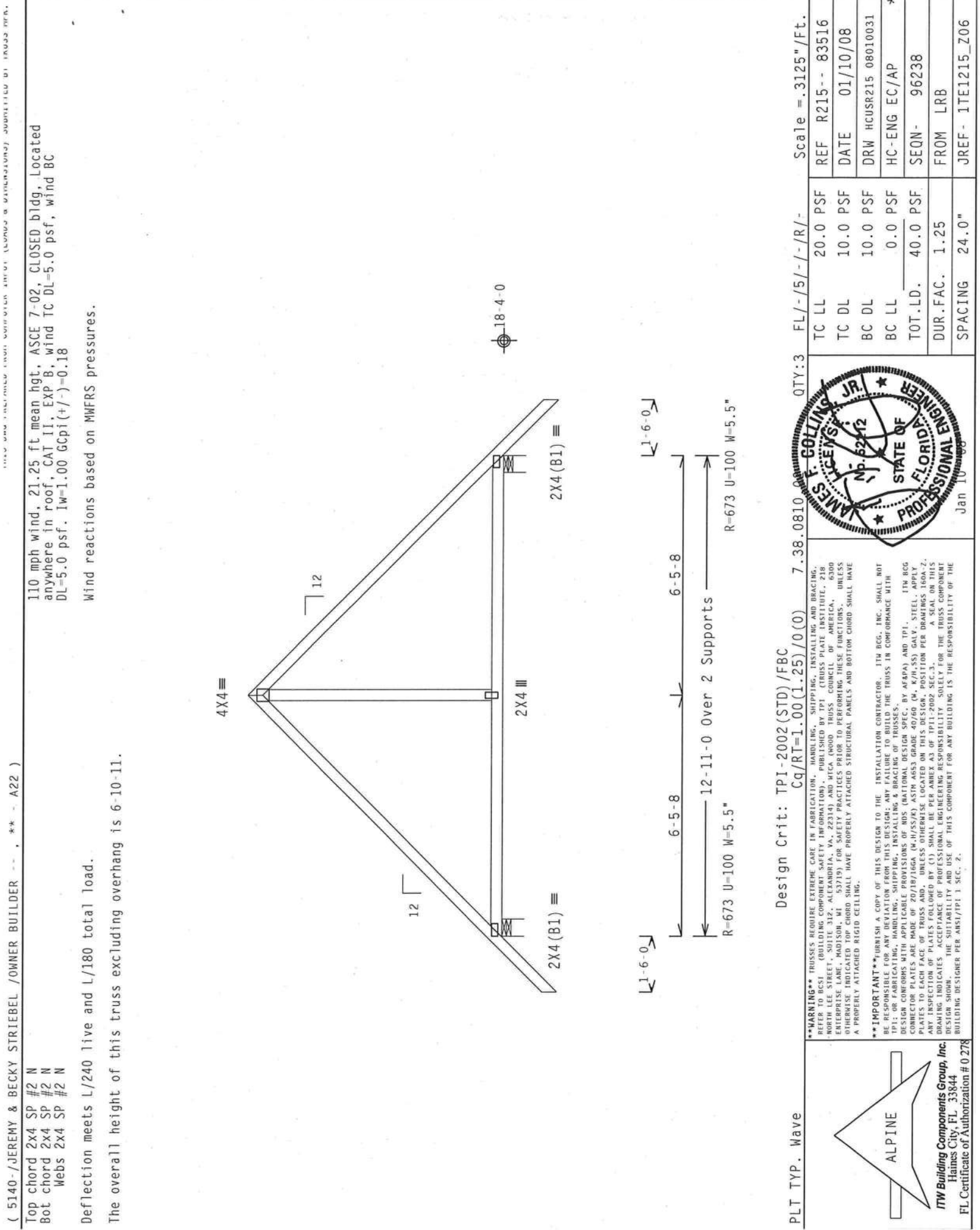
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PAJ AND TPI). ITW BCG CONNECTIONS OR PLATES ARE MADE OF 20/10/16GA (44/4/55/49) ASH A663 GRADE 40/60 (4, 4/8/55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWED BY SIGNATURE OF PROFESSIONAL ENGINEER FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



REF	R215--	83515
DATE	01/10/08	
DRW	HCUSR215	08010030
HC-ENG	EC/AP	*
SEQN-	96237	
FROM	LRB	
JREF-	ITE1215_Z06	



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



(5140-/JEREMY & BECKY STRIEBEL /OWNER BUILDER -- , ** - A22)

Top chord 2x4 SP #2 N

Bot chord 2x4 SP #2 N

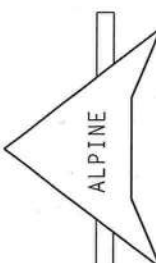
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 6-10-11.

110 mph wind, 21.25 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.

PLT TYP. Wave		ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 0278	Design Crit: TPI-2002(STD)/FBC			Cq/RT=1.00(1.25)/0(0)			7.38.0810			QTY:3			FL/-/5/-/-/R/-			Scale = .3125"/Ft.								
			WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSTI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS COUNCIL OF NORTH AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MTEA (WOOD TRUSS COUNCIL OF NORTH 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 BEG, INC. SHALL NOT BE RESPONSIBLE FOR THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS, HANDLING, SHIPPING AND INSTALLATION INSTRUCTIONS OR THE DESIGN CONTRACTOR'S DESIGN OR APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI. ITW BEG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASTM A653 GRADE 40/GG (W, K/H/SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIAA/TPI 1 SEC. 6.																							
																										
			Jan 10 2008																							
			REF R215-- 83516			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"		
			DATE 01/10/08			DRW HCUSR215 08010031			HC-ENG EC/AP			SEQN- 96238			FROM LRB			JREF- 1TE1215_Z06								



****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 MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM 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 APPLICABLE PROVISIONS OF ROS (NATIONAL DESIGN SPEC, BY AIA/PJ) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (4-N/55K) ASTM A653 GRADE 40/60 (4, K/M,SS) GALV. STEEL. APPLY TO ALL TRUSSES. THIS DESIGN IS LOCATED ON THIS DESIGN. THE POSITION PER DRAWINGS 160A-2, ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE THE RESPONSIBILITY OF THE TRUSS COMPONENTS DESIGNER. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENTS DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

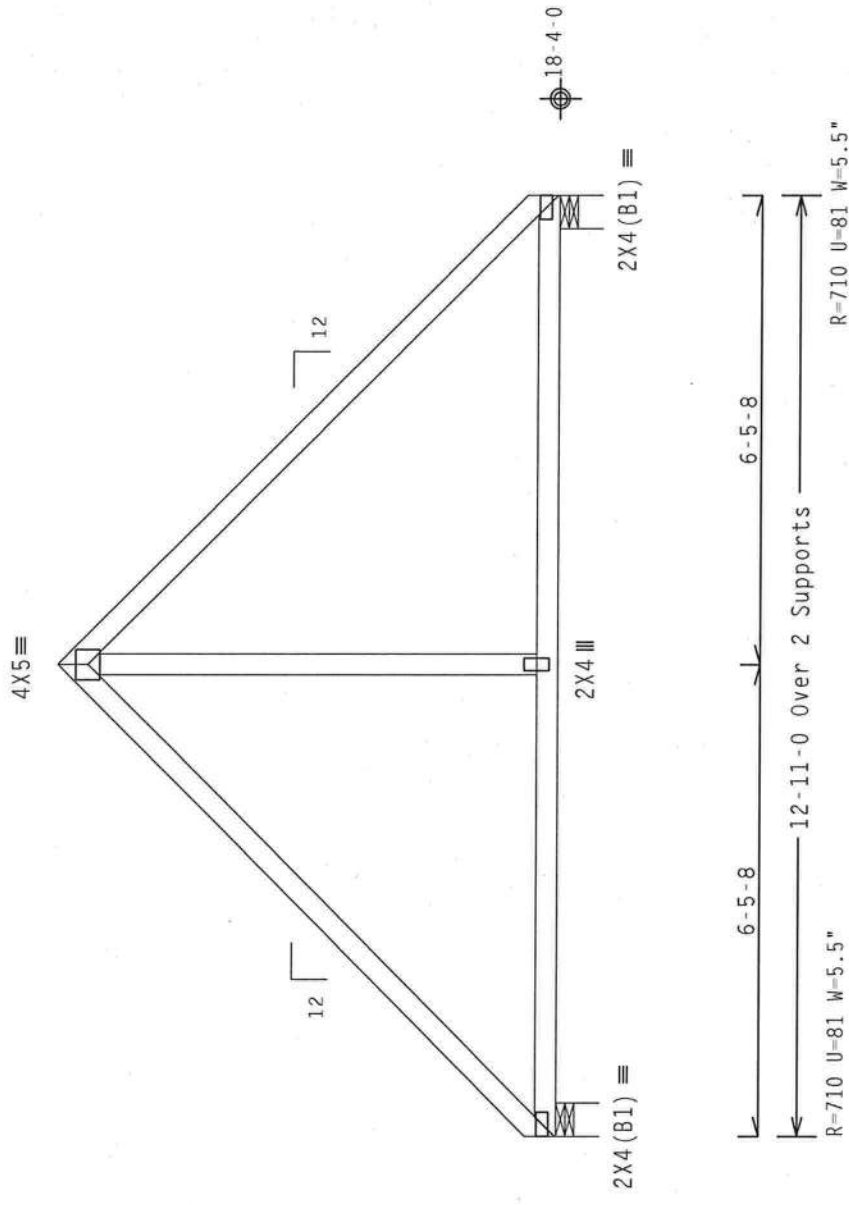
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

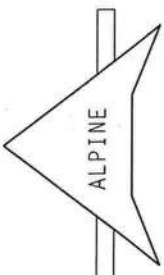
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 6-10-11.

110 mph wind, 22.00 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.



PLT TYP. Wave



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

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

7.38.0810

QTY: 1

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

Scale = .375"/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-- 83517

DATE 01/10/08

DRW HCUSR215 08010032

HC-ENG RA/AP

SEON- 96239

FROM LRB

JREF- 1TE1215_Z06

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 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 THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES. THE TRUSS DESIGNER SHALL BE RESPONSIBLE FOR THE PROVISION OF TRUSSES (NATIONAL DESIGN SPEC. BY AIA/ASA) AND TPI. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWING. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARBEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES L. COLLINS, JR.
No. 52812
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jan 10 2008

(5140 - / JEREMY & BECKY

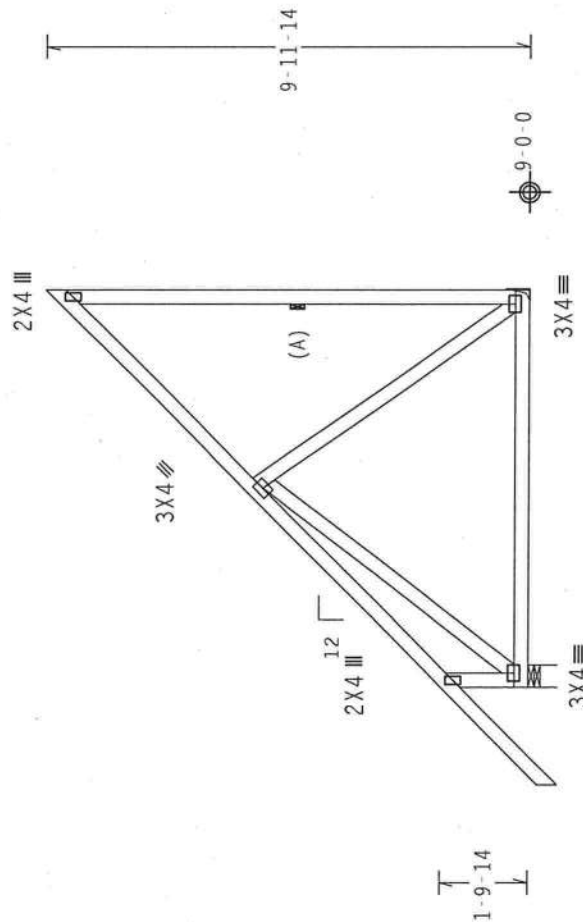
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member, 0r 1x4 "I" brace. 80% length of web member. Same species & grade or better, attached with 8d Box or Gun (0.113"x2.5",min)nails @ 6

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

The overall height of this truss excluding overhang is 9-11-14.



2-0-0

← 8-2-0 Over 2 Supports →
R=514 W=5.5" R=344 U=148

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

QTY: 7 FL / - / 5 / - / - / R / -
Scale = .25" / Ft.

7.38.0810

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

二

PLT TYP. Wave

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE MANUFACTURER. THUSSES 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 DPM1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (STEEL INSTITUTE OF AMERICA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/19/16GA (N/MS/SP) ASTM A653 GRADE 40/40 (N, K/H/SS) GALV. STEEL, APPLY PLATING TO EACH FACE OF THUSSED AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING LOCATION PLATES ALLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING IS NOT REQUIRED. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS COMPONENT. THE DESIGN SHOWN IS THE MINIMUM DESIGN FOR THE STABILITY AND USE OF THIS COMPONENT FOR THE RESPONSE OF THE BUILDING DESIGNER PER AISC/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 --	83519
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215 08010041	
BC LL	0.0	PSF	HC-ENG	EC/AP *	
TOT.LD,	40.0	PSF	SEQN-	96246	
DUR.FAC.	1.25		FROM	LRB	
SPACING	24.0"		JREF-	1TE1215 Z06	

Top chord 2x6 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 60 PLF at -0.00 to 60 PLF at 14.92
BC - From 20 PLF at 0.00 to 20 PLF at 14.92
TC - 763 LB Conc. Load at 2.00, 4.00, 6.00, 8.00, 10.00
12.00, 14.00
BC - 344 LB Conc. Load at 2.00, 4.00, 6.00, 8.00, 10.00
12.00, 14.00

Wind reactions based on MWFRS pressures.

Truss must be installed as shown with top chord up.

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

(A) SCAB BRACE: 80% LENGTH OF WEB MEMBER. SAME SIZE,
SPECIES & GRADE OR BETTER. ATTACH WITH 10d NAILS
(0.128"x3.0", min.) @ 6" OC.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

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

Bot Chord: 1 Row @ 9.25" O.C.

Webs : 1 Row @ 4" O.C.

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

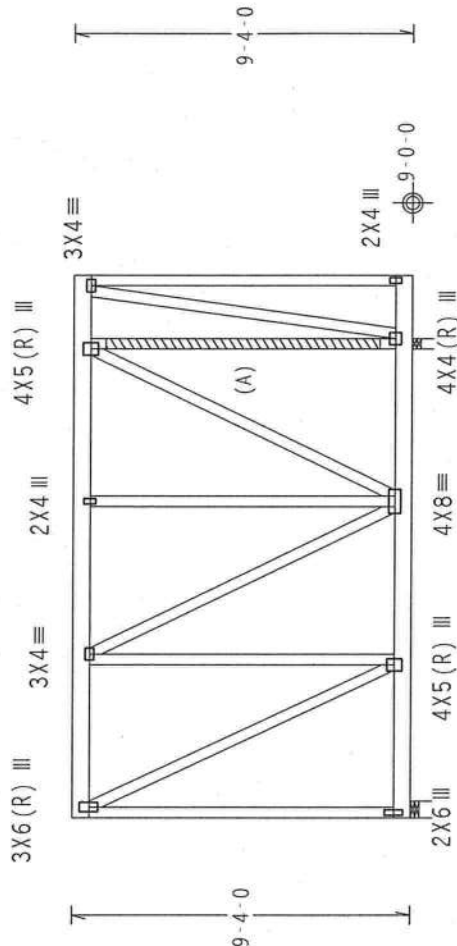
110 mph wind, 18.33 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

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

The TC of this truss shall be braced with attached spans at 24"
OC in lieu of structural sheathing.

The overall height of this truss excluding overhang is 9'-4.0".



R-3558 U=565 W=5.5"

R=5384 U=855 W=3.5"

14'-11'-0" Over 2 Supports

Design Crit: TPI-2002(STD)/FBC

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

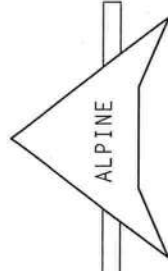
7.38.0810

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

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, 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 2018/16GA (4-H/55/K) ASTM A653 GRADE 40/60 (4, K/M,SS) GALV. STEEL. APPLY ANY INSPECTION OF PLATE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



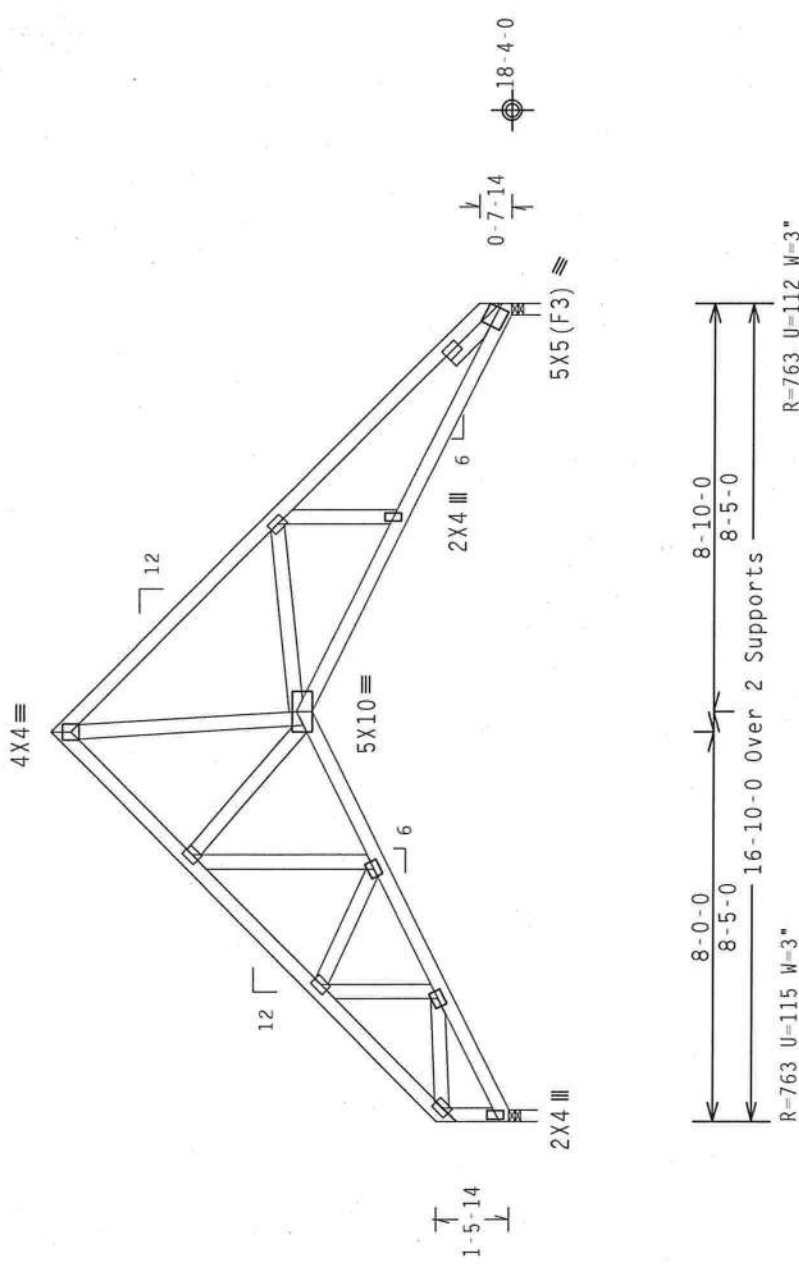
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0278

PLT TYP. Wave

TC LL	20.0 PSF	REF	R215--	83520
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010235
BC LL	0.0 PSF	HC-ENG	EC/AP	
TOT.LD.	40.0 PSF	SEQN-	97060	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z06	

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 1.575'
Deflection meets L/240 live and L/180 total load.

110 mph wind, 23.41 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 GCpi(+/-)=0.18
Wind reactions based on MWFRS pressures.
The overall height of this truss excluding overhang is 9-5-14.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

7.38.0810

QTY:7

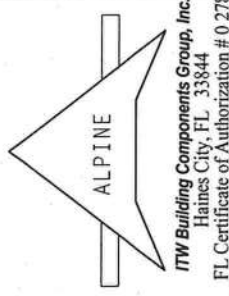
Scale =.25"/Ft.

****WARNINGS**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MITCA (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 REG. 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 REG. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/S/P) ASTM A653 GRADE 40/60 (4, K/H/SS) GALV. STEEL. APPLY GALVANNEAL EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R215-- 83521
TC DL	10.0 PSF	DATE	01/10/08
BC DL	10.0 PSF	DRW	HCUSR215 08010040
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN-	96249
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF-	1TE1215_Z06



2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun_nails)

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

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

Use equal spacing between rows

in each row to avoid splitting

Wind reactions based on MWERS procedures

WIND REACTIONS BASED ON MWFRS PRESSURES.

Right end vertical not exposed to wind pressure.

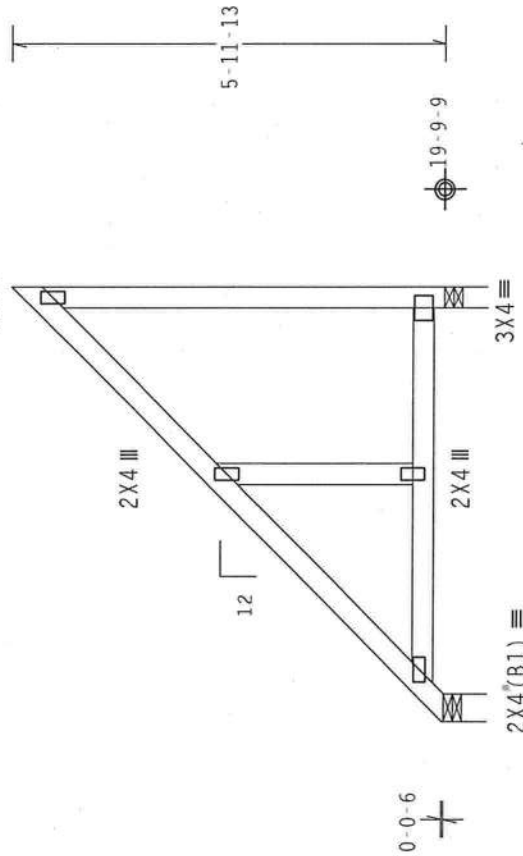
Defl Oct; 83 1/240 17:53 1/100 +9 187

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

REFER TO DRAWING PIGBACKB0204 FOR PIGGYBACK DETAILS.

TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE

BRACED @ 24" O.C.



← 5-11-7 Over 2 Supports →

R=225 W=4.596" R=206 U=149 W=3.5"

Design Crit: TPI-2002(STD)/FBC

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

810

QTY:1

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

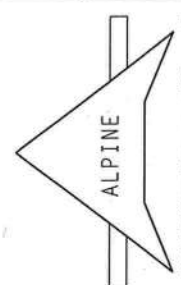
Scale = .375"/Ft.

WARNING THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPTI (CRUISE PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WAUWATON, WI 53719) FOR SAFETY PRACTICES AND TIPS 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 DRAWINGS, MATERIALS LISTING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

THIS DESIGN IS THE PROPERTY OF ITW BCG, INC. AND WILL REMAIN SO EVEN IF YOU PURCHASE THE TRUSS. ALL DESIGN CONNECTOR PLATES ARE MADE OF 2018/16GA OR W/AS/A36, ASTM A653, COATED STEEL, PER AIAA SPEC. 1TH REVISION. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2 SEC. 3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ASME 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/TPI 1 SEC. 2.



ITW Building Components Group, Inc.

Haines City, FL 33844
FL Certificate of Authorization # 0 2788

TC LL	20.0	PSF	REF	R215--	83522
TC DL	10.0	PSF	DATE	01/10/08	
BC DL	10.0	PSF	DRW	HCUSR215	08010236
BC LL	0.0	PSF	HC-ENG	EC/AP	
TOT.LD.	40.0	PSF	SEQN-	96258	
DUR.FAC.	1.25		FROM	CDM	
SPACING	24.0"		JREF-	1TE1215 Z06	

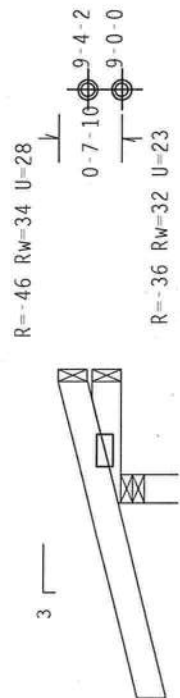
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 0-7-10.

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

Wind reactions based on MWFRS pressures.



R=-46 Rw=34 U=28

0-7-10 9-4-2

R=-36 Rw=32 U=23

2X4 (A1) ≡

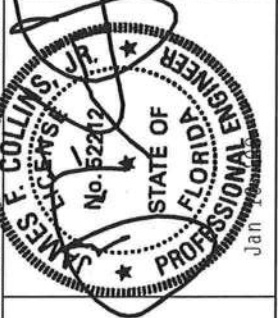
← 2-0-0 →
1-3-0 Over 3 Supports
R-304 U=122 W=3.5"

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

Scale =.5"/Ft.

QTY:4 FL/-/5/-/-/R/-

REF	R215--	83523
DATE	01/10/08	
DRW	HCUSR215	08010038
HC-ENG	RA/AP	
SEQN	96224	
FROM	CDM	
JREF	1TE1215_Z06	

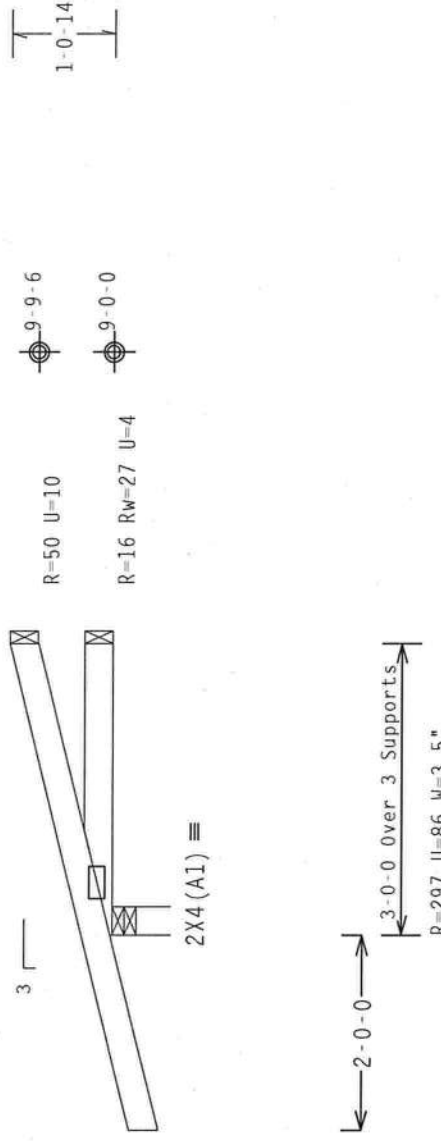


****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300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

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG DESIGNER PLATES ARE MADE OF 2017/16G (R-10/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING. 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

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1-0-14.
110 mph wind, 15-00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5-0 psf, wind BC
DL=5-0 psf. Iw=1-00 GCpi (+/-)-0-18
Wind reactions based on MMFRS pressures.



PLT TYP. Wave

ALPINE

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

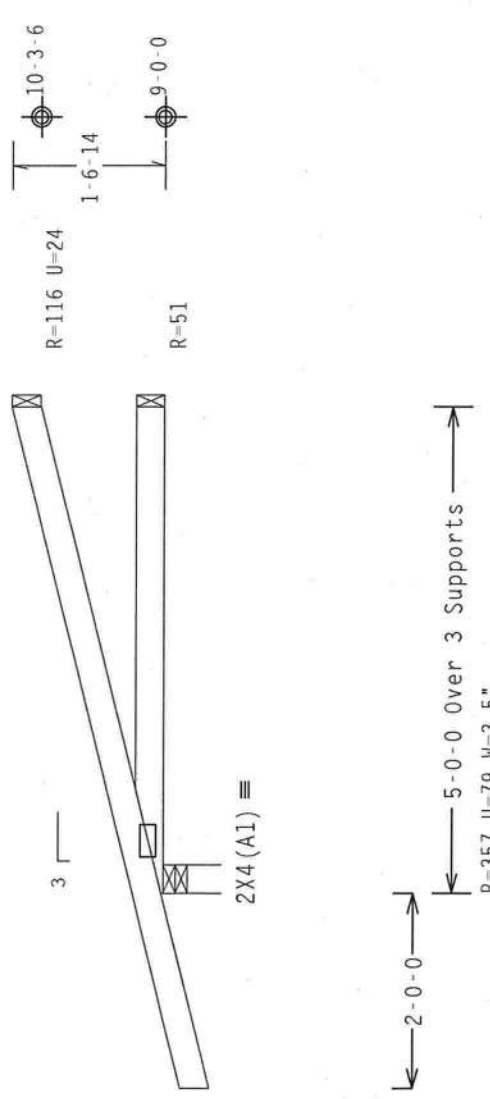
FL Certificate of Authorization # 0278

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/0(0) 7.38.0810 QTY: 4 FL/-/5/-/-/R/- Scale =.5"/Ft.

TC LL	20.0 PSF	REF	R215 --	83524
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010044
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	96223	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z06	

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPANION SAFETY PRACTICES PLATE 1001, PLATE 1002, PLATE 1003, PLATE 1004, PLATE 1005, PLATE 1006, PLATE 1007, PLATE 1008, PLATE 1009, PLATE 1010, PLATE 1011, PLATE 1012, PLATE 1013, PLATE 1014, PLATE 1015, PLATE 1016, PLATE 1017, PLATE 1018, PLATE 1019, PLATE 1020, PLATE 1021, PLATE 1022, PLATE 1023, PLATE 1024, PLATE 1025, PLATE 1026, PLATE 1027, PLATE 1028, PLATE 1029, PLATE 1030, PLATE 1031, PLATE 1032, PLATE 1033, PLATE 1034, PLATE 1035, PLATE 1036, PLATE 1037, PLATE 1038, PLATE 1039, PLATE 1040, PLATE 1041, PLATE 1042, PLATE 1043, PLATE 1044, PLATE 1045, PLATE 1046, PLATE 1047, PLATE 1048, PLATE 1049, PLATE 1050, PLATE 1051, PLATE 1052, PLATE 1053, PLATE 1054, PLATE 1055, PLATE 1056, PLATE 1057, PLATE 1058, PLATE 1059, PLATE 1060, PLATE 1061, PLATE 1062, PLATE 1063, PLATE 1064, PLATE 1065, PLATE 1066, PLATE 1067, PLATE 1068, PLATE 1069, PLATE 1070, PLATE 1071, PLATE 1072, PLATE 1073, PLATE 1074, PLATE 1075, PLATE 1076, PLATE 1077, PLATE 1078, PLATE 1079, PLATE 1080, PLATE 1081, PLATE 1082, PLATE 1083, PLATE 1084, PLATE 1085, PLATE 1086, PLATE 1087, PLATE 1088, PLATE 1089, PLATE 1090, PLATE 1091, PLATE 1092, PLATE 1093, PLATE 1094, PLATE 1095, PLATE 1096, PLATE 1097, PLATE 1098, PLATE 1099, PLATE 1100, PLATE 1101, PLATE 1102, PLATE 1103, PLATE 1104, PLATE 1105, PLATE 1106, PLATE 1107, PLATE 1108, PLATE 1109, PLATE 1110, PLATE 1111, PLATE 1112, PLATE 1113, PLATE 1114, PLATE 1115, PLATE 1116, PLATE 1117, PLATE 1118, PLATE 1119, PLATE 1120, PLATE 1121, PLATE 1122, PLATE 1123, PLATE 1124, PLATE 1125, PLATE 1126, PLATE 1127, PLATE 1128, PLATE 1129, PLATE 1130, PLATE 1131, PLATE 1132, PLATE 1133, PLATE 1134, PLATE 1135, PLATE 1136, PLATE 1137, PLATE 1138, PLATE 1139, PLATE 1140, PLATE 1141, PLATE 1142, PLATE 1143, PLATE 1144, PLATE 1145, PLATE 1146, PLATE 1147, PLATE 1148, PLATE 1149, PLATE 1150, PLATE 1151, PLATE 1152, PLATE 1153, PLATE 1154, PLATE 1155, PLATE 1156, PLATE 1157, PLATE 1158, PLATE 1159, PLATE 1160, PLATE 1161, PLATE 1162, PLATE 1163, PLATE 1164, PLATE 1165, PLATE 1166, PLATE 1167, PLATE 1168, PLATE 1169, PLATE 1170, PLATE 1171, PLATE 1172, PLATE 1173, PLATE 1174, PLATE 1175, PLATE 1176, PLATE 1177, PLATE 1178, PLATE 1179, PLATE 1180, PLATE 1181, PLATE 1182, PLATE 1183, PLATE 1184, PLATE 1185, PLATE 1186, PLATE 1187, PLATE 1188, PLATE 1189, PLATE 1190, PLATE 1191, PLATE 1192, PLATE 1193, PLATE 1194, PLATE 1195, PLATE 1196, PLATE 1197, PLATE 1198, PLATE 1199, PLATE 1200, PLATE 1201, PLATE 1202, PLATE 1203, PLATE 1204, PLATE 1205, PLATE 1206, PLATE 1207, PLATE 1208, PLATE 1209, PLATE 1210, PLATE 1211, PLATE 1212, PLATE 1213, PLATE 1214, PLATE 1215, PLATE 1216, PLATE 1217, PLATE 1218, PLATE 1219, PLATE 1220, PLATE 1221, PLATE 1222, PLATE 1223, PLATE 1224, PLATE 1225, PLATE 1226, PLATE 1227, PLATE 1228, PLATE 1229, PLATE 1230, PLATE 1231, PLATE 1232, PLATE 1233, PLATE 1234, PLATE 1235, PLATE 1236, PLATE 1237, PLATE 1238, PLATE 1239, PLATE 1240, PLATE 1241, PLATE 1242, PLATE 1243, PLATE 1244, PLATE 1245, PLATE 1246, PLATE 1247, PLATE 1248, PLATE 1249, PLATE 1250, PLATE 1251, PLATE 1252, PLATE 1253, PLATE 1254, PLATE 1255, PLATE 1256, PLATE 1257, PLATE 1258, PLATE 1259, PLATE 1260, PLATE 1261, PLATE 1262, PLATE 1263, PLATE 1264, PLATE 1265, PLATE 1266, PLATE 1267, PLATE 1268, PLATE 1269, PLATE 1270, PLATE 1271, PLATE 1272, PLATE 1273, PLATE 1274, PLATE 1275, PLATE 1276, PLATE 1277, PLATE 1278, PLATE 1279, PLATE 1280, PLATE 1281, PLATE 1282, PLATE 1283, PLATE 1284, PLATE 1285, PLATE 1286, PLATE 1287, PLATE 1288, PLATE 1289, PLATE 1290, PLATE 1291, PLATE 1292, PLATE 1293, PLATE 1294, PLATE 1295, PLATE 1296, PLATE 1297, PLATE 1298, PLATE 1299, PLATE 1300, PLATE 1301, PLATE 1302, PLATE 1303, PLATE 1304, PLATE 1305, PLATE 1306, PLATE 1307, PLATE 1308, PLATE 1309, PLATE 1310, PLATE 1311, PLATE 1312, PLATE 1313, PLATE 1314, PLATE 1315, PLATE 1316, PLATE 1317, PLATE 1318, PLATE 1319, PLATE 1320, PLATE 1321, PLATE 1322, PLATE 1323, PLATE 1324, PLATE 1325, PLATE 1326, PLATE 1327, PLATE 1328, PLATE 1329, PLATE 1330, PLATE 1331, PLATE 1332, PLATE 1333, PLATE 1334, PLATE 1335, PLATE 1336, PLATE 1337, PLATE 1338, PLATE 1339, PLATE 1340, PLATE 1341, PLATE 1342, PLATE 1343, PLATE 1344, PLATE 1345, PLATE 1346, PLATE 1347, PLATE 1348, PLATE 1349, PLATE 1350, PLATE 1351, PLATE 1352, PLATE 1353, PLATE 1354, PLATE 1355, PLATE 1356, PLATE 1357, PLATE 1358, PLATE 1359, PLATE 1360, PLATE 1361, PLATE 1362, PLATE 1363, PLATE 1364, PLATE 1365, PLATE 1366, PLATE 1367, PLATE 1368, PLATE 1369, PLATE 1370, PLATE 1371, PLATE 1372, PLATE 1373, PLATE 1374, PLATE 1375, PLATE 1376, PLATE 1377, PLATE 1378, PLATE 1379, PLATE 1380, PLATE 1381, PLATE 1382, PLATE 1383, PLATE 1384, PLATE 1385, PLATE 1386, PLATE 1387, PLATE 1388, PLATE 1389, PLATE 1390, PLATE 1391, PLATE 1392, PLATE 1393, PLATE 1394, PLATE 1395, PLATE 1396, PLATE 1397, PLATE 1398, PLATE 1399, PLATE 1400, PLATE 1401, PLATE 1402, PLATE 1403, PLATE 1404, PLATE 1

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 1-6-14.
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4-50 ft from roof edge, CAT II, EXP 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.

[illegible]

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

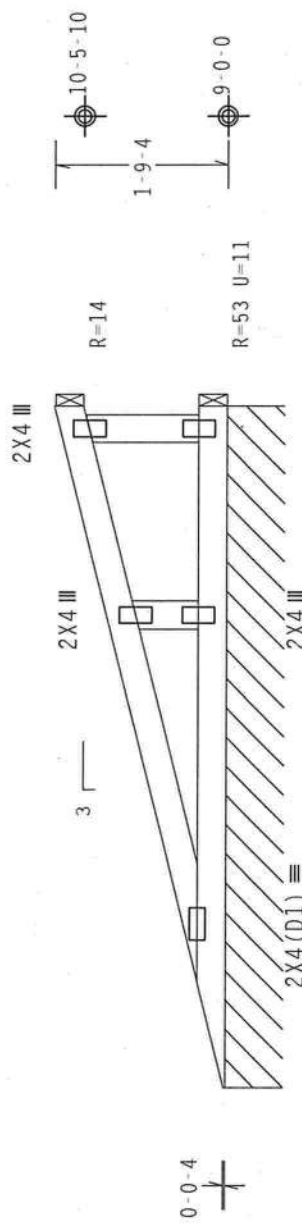
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCN1(+/-)=0.18

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

The overall height of this truss excluding overhang is 1-9-4.

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.

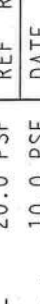
SEE DWGS A11015EE0207 FOR ADDITIONAL REQUIREMENTS.



7'-0" 7'-0" Over 3 Supports R=71 PLF U=4 PLF W=7'-0"

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

Scale = 5"/Ft



ALPINE

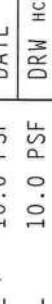
ITW Building Components Group, Inc.
 Haines City, FL 33844

FL Certificate of Authorization # 0278

****WARNING**** THUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESI BUILDING COMPONENT SAFETY INFORMATION FOR THUSSES. SEE INSTRUCTIONS, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND VEGA (WOOD TRUSSES) CONNECTIONS, 1000 ENTERPRISE LANE, MADISON, MI 48219. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&T). 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA. (A/H/25X8) 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-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A3 OF TP1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



James F. Collins
 State of Florida
 Professional Engineer
 No. 5222

Jan 10 2006

REF	R215--	83526	TC LL	20.0	PSF
DATE	01/10/08		TC DL	10.0	PSF
DRW	HCUSR215	08010020	BC DL	10.0	PSF
	HC-ENG RA/AP		BC LL	0.0	PSF
	SEQN-	96230	TOT.LD.	40.0	PSF
	FROM	CDM	DUR.FAC.	1.25	
	JREF-	1TE1215_206	SPACING	24.0"	

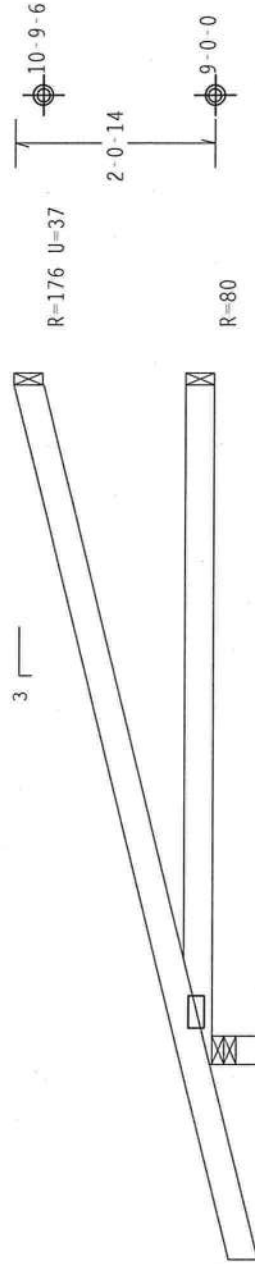
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 2-0-14.

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

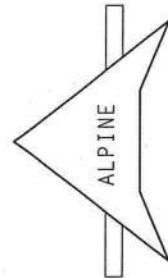
Cq/RT=1.00(1.25)/0(0)

QTY:23 FL/-/5/-/-/R/-

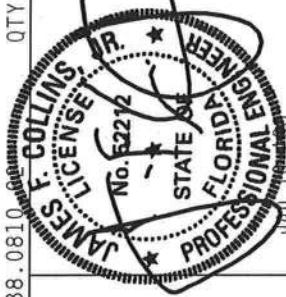
Scale = .5"/Ft.

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

****IMPORTANT**** 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/SS/24) ASTM A653 GRADE 40/60 (4, K/M-SS) GALV. STEEL. APPLY AN INTERESTED PARTY'S SIGNATURE AND SEAL TO THE BOTTOM CHORD. A SEAL ON THIS 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.



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



TC LL	20.0 PSF	REF	R215 - - 83527
TC DL	10.0 PSF	DATE	01/10/08
BC DL	10.0 PSF	DRW	HCUSR215 08010046
BC LL	0.0 PSF	HC-ENG	EC/AP
TOT.LD.	40.0 PSF	SEQN	96225
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1TE1215_Z06

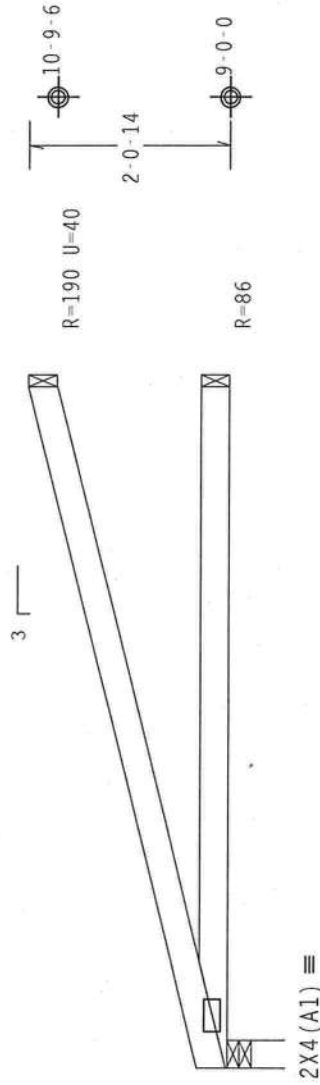
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 2'-0-14".

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 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.



7'-0-0 Over 3 Supports
R-288 U=23 W=3.5"

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

PLT TYP. Wave

7.38.0810

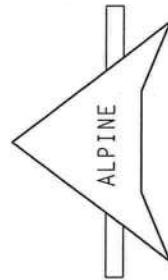
QTY:1

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

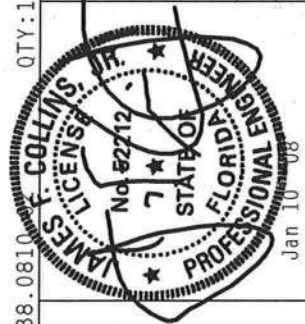
Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 (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, 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 AND BRACING OF TRUSSES. ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AS) AND TPI. ITW BCG PROVIDES PLATES ARE WELDED TO THE TRUSS CHORDS. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER POSITIONING OF PLATES FOLLOWED BY (1) SHALL BE THE DESIGNER'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS AND (2) SHALL BE THE DESIGNER'S RESPONSIBILITY TO OBTAIN ALL NECESSARY INSPECTIONS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TP1 1 SEC. 2.



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



TC LL	20.0 PSF	REF	R215--	83528
TC DL	10.0 PSF	DATE	01/10/08	
BC DL	10.0 PSF	DRW	HCUSR215	08010016
BC LL	0.0 PSF	HC-ENG	EC/AP	*
TOT.LD.	40.0 PSF	SEQN-	96226	
DUR.FAC.	1.25	FROM	CDM	
SPACING	24.0"	JREF-	1TE1215_Z06	

(5140 - / JEREMY & BECKY

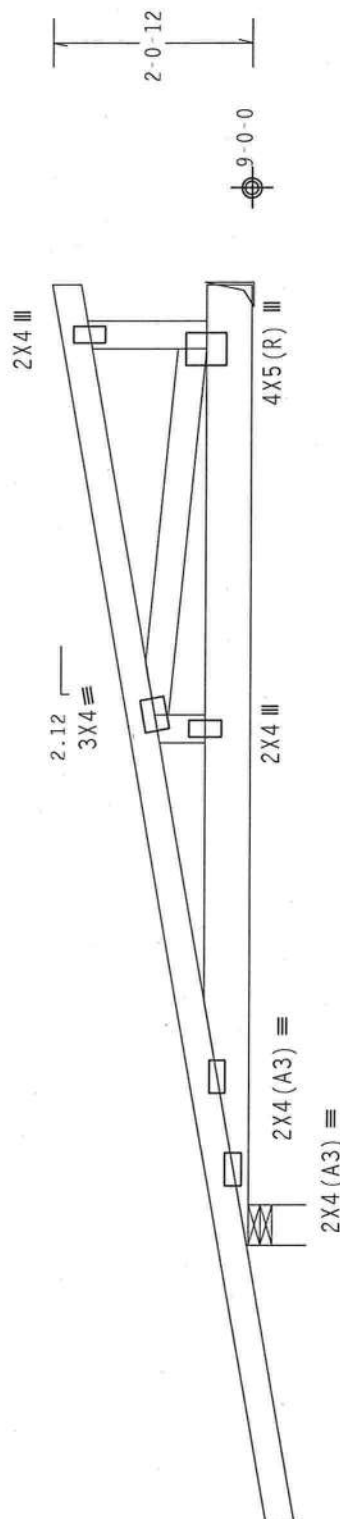
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.18

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

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

Wind reactions based on MWFRS pressures.

The overall height of this truss excluding overhang is 2-0-12.


$$\overleftrightarrow{2-9-15}$$

9-10-13 Over 2 Supports

R=527 U=78 W=4.95"

R=592 II=57

Design Crit: TPI-2002(STD)/FBC

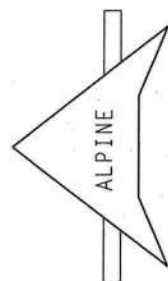
PLT TYP. Wave

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

7.38.0810.02

QTY:2 FI / - / 5 / - / - / R / - / -

Scale = .5" / Ft.



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

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

• **WARNING:** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE BOTTOM CHORDS (UNDER THE OPERATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, MADISON, WI 53703) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 NORTH LEE STREET, MADISON, WI 53703), ARE THE ONLY TRUSS DESIGN SPECIFICATIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH ITW BCG DRAWING NO. 20719/160A (4/7/5574) ASTM A563 GRADE 40/60 (BY K/PH-S5) GALV. STEEL, APPLY THE DESIGN CONCEPTS WITH APPLICABLE TRUSS TYPES. DESIGNER'S RESPONSIBILITY FOR DRAWINGS 160A-2, PLATES TO FACE OF TRUSS, SHALL BE 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, 160A-101, 160A-102, 160A-103, 160A-104, 160A-105, 160A-106, 160A-107, 160A-108, 160A-109, 160A-110, 160A-111, 160A-112, 160A-113, 160A-114, 160A-115, 160A-116, 160A-117, 160A-118, 160A-119, 160A-120, 160A-121, 160A-122, 160A-123, 160A-124, 160A-125, 160A-126, 160A-127, 160A-128, 160A-129, 160A-130, 160A-131, 160A-132, 160A-133, 160A-134, 160A-135, 160A-136, 160A-137, 160A-138, 160A-139, 160A-140, 160A-141, 160A-142, 160A-143, 160A-144, 160A-145, 160A-146, 160A-147, 160A-148, 160A-149, 160A-150, 160A-151, 160A-152, 160A-153, 160A-154, 160A-155, 160A-156, 160A-157, 160A-158, 160A-159, 160A-160, 160A-161, 160A-162, 160A-163, 160A-164, 160A-165, 160A-166, 160A-167, 160A-168, 160A-169, 160A-170, 160A-171, 160A-172, 160A-173, 160A-174, 160A-175, 160A-176, 160A-177, 160A-178, 160A-179, 160A-180, 160A-181, 160A-182, 160A-183, 160A-184, 160A-185, 160A-186, 160A-187, 160A-188, 160A-189, 160A-190, 160A-191, 160A-192, 160A-193, 160A-194, 160A-195, 160A-196, 160A-197, 160A-198, 160A-199, 160A-200, 160A-201, 160A-202, 160A-203, 160A-204, 160A-205, 160A-206, 160A-207, 160A-208, 160A-209, 160A-210, 160A-211, 160A-212, 160A-213, 160A-214, 160A-215, 160A-216, 160A-217, 160A-218, 160A-219, 160A-220, 160A-221, 160A-222, 160A-223, 160A-224, 160A-225, 160A-226, 160A-227, 160A-228, 160A-229, 160A-230, 160A-231, 160A-232, 160A-233, 160A-234, 160A-235, 160A-236, 160A-237, 160A-238, 160A-239, 160A-240, 160A-241, 160A-242, 160A-243, 160A-244, 160A-245, 160A-246, 160A-247, 160A-248, 160A-249, 160A-250, 160A-251, 160A-252, 160A-253, 160A-254, 160A-255, 160A-256, 160A-257, 160A-258, 160A-259, 160A-260, 160A-261, 160A-262, 160A-263, 160A-264, 160A-265, 160A-266, 160A-267, 160A-268, 160A-269, 160A-270, 160A-271, 160A-272, 160A-273, 160A-274, 160A-275, 160A-276, 160A-277, 160A-278, 160A-279, 160A-280, 160A-281, 160A-282, 160A-283, 160A-284, 160A-285, 160A-286, 160A-287, 160A-288, 160A-289, 160A-290, 160A-291, 160A-292, 160A-293, 160A-294, 160A-295, 160A-296, 160A-297, 160A-298, 160A-299, 160A-300, 160A-301, 160A-302, 160A-303, 160A-304, 160A-305, 160A-306, 160A-307, 160A-308, 160A-309, 160A-310, 160A-311, 160A-312, 160A-313, 160A-314, 160A-315, 160A-316, 160A-317, 160A-318, 160A-319, 160A-320, 160A-321, 160A-322, 160A-323, 160A-324, 160A-325, 160A-326, 160A-327, 160A-328, 160A-329, 160A-330, 160A-331, 160A-332, 160A-333, 160A-334, 160A-335, 160A-336, 160A-337, 160A-338, 160A-339, 160A-340, 160A-341, 160A-342, 160A-343, 160A-344, 160A-345, 160A-346, 160A-347, 160A-348, 160A-349, 160A-350, 160A-351, 160A-352, 160A-353, 160A-354, 160A-355, 160A-356, 160A-357, 160A-358, 160A-359, 160A-360, 160A-361, 160A-362, 160A-363, 160A-364, 160A-365, 160A-366, 160A-367, 160A-368, 160A-369, 160A-370, 160A-371, 160A-372, 160A-373, 160A-374, 160A-375, 160A-376, 160A-377, 160A-378, 160A-379, 160A-380, 160A-381, 160A-382, 160A-383, 160A-384, 160A-385, 160A-386, 160A-387, 160A-388, 160A-389, 160A-390, 160A-391, 160A-392, 160A-393, 160A-394, 160A-395, 160A-396, 160A-397, 160A-398, 160A-399, 160A-400, 160A-401, 160A-402, 160A-403, 160A-404, 160A-405

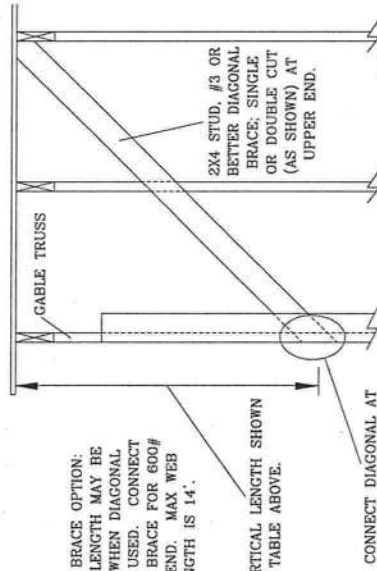


Jan

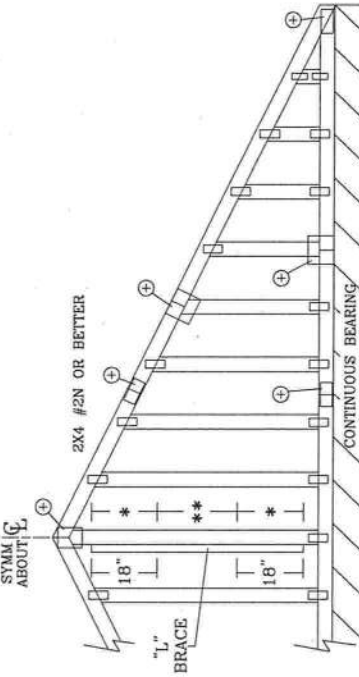
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TOT.LD.	40.0 PSF	SEQN- 96250
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1TE1215 Z06

2X4 GABLE VERTICAL SPACING SPECIES		BRACE		NO BRACES		(1) 1X4 "L" BRACE •		(1) 2X4 "L" BRACE •		(2) 2X4 "L" BRACE ••		(1) 2X6 "L" BRACE •		(2) 2X6 "L" BRACE •	
		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
16" O.C.	SPF	HFL	STANDARD	#1	3' 10"	6' 8"	6' 10"	7' 11"	8' 1"	9' 5"	9' 8"	12' 5"	12' 9"	14' 0"	14' 0"
				#3	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 4"	12' 4"	14' 0"	14' 0"
				STUD	3' 9"	6' 0"	6' 0"	7' 11"	7' 11"	9' 5"	9' 5"	12' 3"	12' 3"	14' 0"	14' 0"
	SP	DFL	STANDARD	#1	4' 3"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
				#2	4' 2"	6' 8"	7' 2"	7' 11"	8' 6"	9' 5"	10' 2"	12' 5"	13' 5"	14' 0"	14' 0"
				#3	4' 0"	6' 2"	6' 2"	7' 11"	8' 1"	9' 5"	9' 11"	12' 5"	12' 8"	14' 0"	14' 0"
24" O.C.	SPF	HFL	STANDARD	STUD	4' 0"	6' 1"	6' 1"	7' 11"	8' 0"	9' 5"	9' 11"	12' 5"	12' 6"	14' 0"	14' 0"
				#1	3' 10"	5' 3"	5' 3"	6' 11"	6' 11"	9' 4"	10' 10"	10' 10"	12' 11"	14' 0"	14' 0"
				#2	4' 5"	7' 8"	7' 10"	9' 1"	9' 4"	10' 10"	11' 1"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	DFL	STANDARD	#3	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
				STUD	4' 4"	7' 4"	7' 4"	9' 1"	9' 1"	10' 10"	10' 10"	14' 0"	14' 0"	14' 0"	14' 0"
				#1	4' 10"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SPF	HFL	STANDARD	#2	4' 9"	7' 8"	8' 3"	9' 1"	9' 9"	10' 10"	11' 8"	14' 0"	14' 0"	14' 0"	14' 0"
				#3	4' 6"	7' 7"	7' 7"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
				STUD	4' 6"	7' 6"	7' 6"	9' 1"	9' 6"	10' 10"	11' 4"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	DFL	STANDARD	#1	4' 5"	8' 5"	8' 8"	10' 0"	10' 3"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
				#2	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
				#3	4' 9"	8' 5"	8' 5"	10' 0"	10' 0"	11' 11"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
12" O.C.	SP	DFL	STANDARD	#1	5' 4"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
				#2	5' 3"	8' 5"	9' 1"	10' 0"	10' 9"	11' 11"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"
				#3	5' 0"	8' 5"	8' 5"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
	SP	DFL	STANDARD	STUD	5' 0"	8' 5"	8' 7"	10' 0"	10' 6"	11' 11"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"
				#1	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	14' 0"	14' 0"	14' 0"	14' 0"
				#2	4' 11"	7' 5"	7' 5"	9' 10"	9' 10"	11' 11"	12' 3"	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'.



CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL.



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

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 MUS-
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

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

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

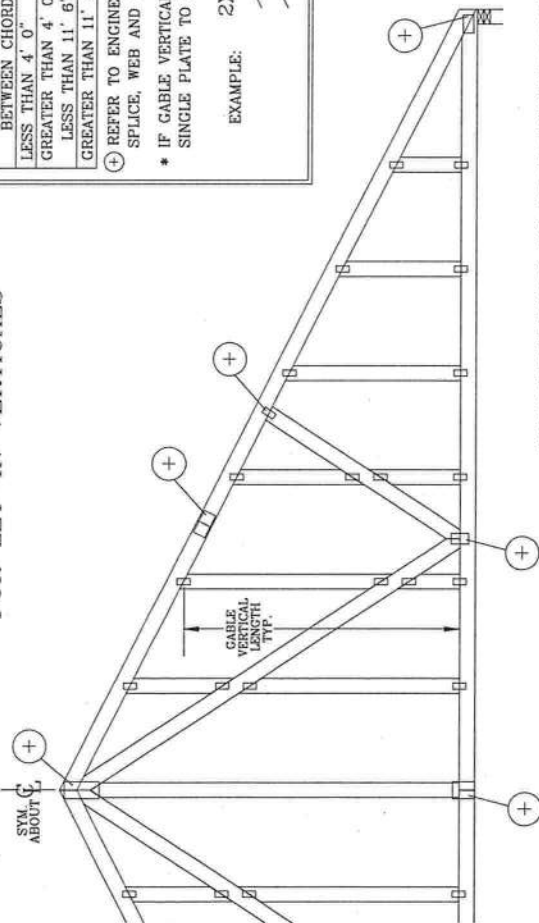
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI CRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719 FOR SPECIFIC INFORMATION REGARDING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, 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 BEG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BRACING IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BUILDING THE TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC., BY AF&P AND TPI. ITV BEG CONNECTOR PLATES ARE MADE UP 2D/18/716GA CMH/SS/K3 ASTM A653 GRADE 40/60 CMH/SS. GUY WIRE CONNECTORS ARE MADE UP 2D/18/716GA CMH/SS/K3 ASTM A653 GRADE 40/60 CMH/SS. ALL TRUSSES TO FACE OF INTERFERENCE LEAG-7. ALL TRUSSES TO FACE OF INTERFERENCE LEAG-7. INDEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTED FOR PRODUCTION. ANNOTATION OF THIS DRAWING IS THE PROPERTY OF THE COMPANY THAT HAS BEEN ISSUED. NO REUSE OR 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.

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"

REF ASCE7-02-GABI1015
DATE 2/23/07
DRWG A11015EE0207
-ENG-

SYM. $\mathbb{G}$
ABOUT $\mathbb{G}$



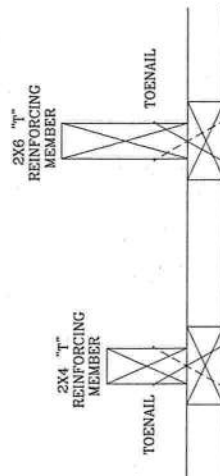
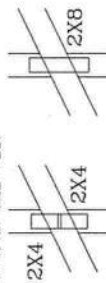
GABLE VERTICAL PLATE SIZES

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

④ 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 CABLE
VERTICAL SPECIES, GRADE AND SPACING) FOR (1)
2X4 "L" BRACE, GROUP A, OBTAINED FROM THE
APPROPRIATE ALPINE CABLE 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

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

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

 $1.10 \times 6' 7'' = 7' 3''$

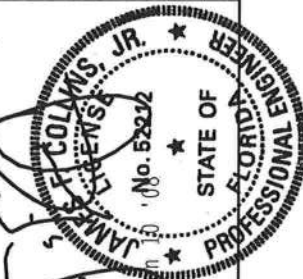
THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC26294035

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	DRWG	GBLLETIN0207
	-ENG	DLJ/KAR
MAX TOT. LD. 60 PSF		
DUR. FAC. ANY		
MAX SPACING 24.0"		

[illegible]

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. BCG, INC., SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD IN CONFORMANCE WITH THIS DESIGN MAY CAUSE THE BUILDING TO BE CONSIDERED IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC., BY AF&PA AND THE STEEL CONNECTOR PLATES ARE MADE OF 20/18/16GA U.S.S./K. ASTM A653 GRADE 40/60 U.S.S./K. GALVALY. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 60A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER FORMED PER DRAWING SEC. 2. IN THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THIS DESIGN. THE DESIGNING ENGINEER SHALL BE RESPONSIBLE FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA



CLB WEB BRACE SUBSTITUTION

THIS DETAIL IS TO BE USED WHEN CONTINUOUS LATERAL BRACING (CLB) IS SPECIFIED ON AN ALPINE TRUSS DESIGN BUT AN ALTERNATIVE WEB BRACING METHOD IS DESIRED.

NOTES:

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

ALTERNATIVE BRACING SPECIFIED IN CHART BELOW MAY BE CONSERVATIVE. FOR MINIMUM ALTERNATIVE BRACING, RE-RUN DESIGN WITH APPROPRIATE BRACING.

WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

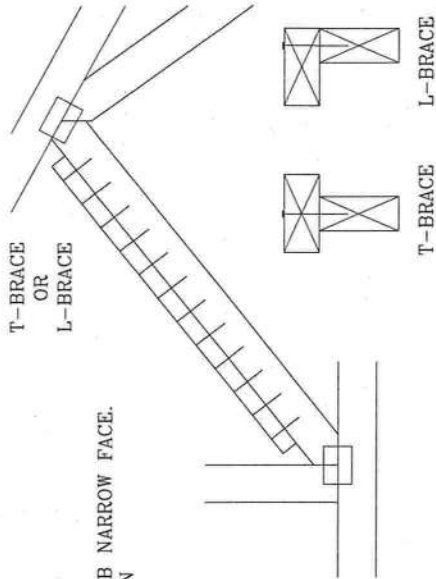
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

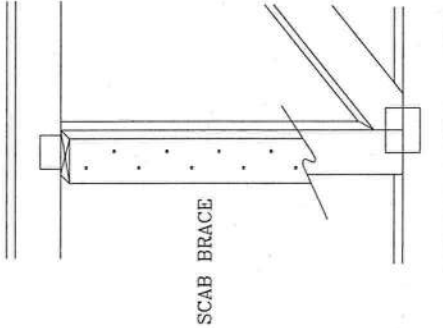
L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128" x 3" MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579.640

 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	BRCCLBSUB0207
	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 PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314) AND WTCA (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 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 2018/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W/K/A/3). ITV, BCG TRUSS PLATES ARE MADE OF 2018/16GA (W/H/SS/K) ASTM A653 GRADE 40/60 (W/K/A/3). DESIGN POSITION PER BRACING. 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.

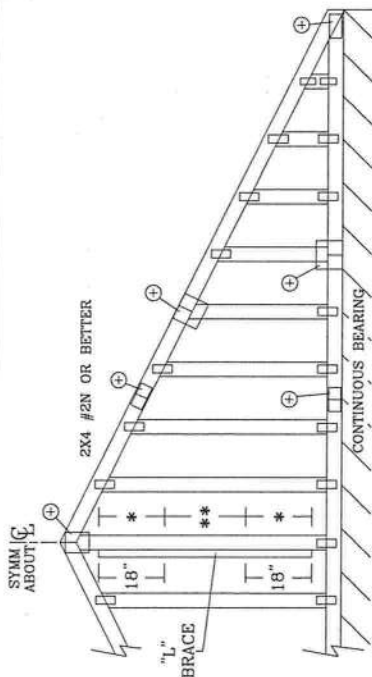


MAX CABLE VERTICAL LENGTH													
2x4 GABLE VERTICAL SPACING		BRACE GRADE	NO BRACES	(1) 1x4 "L" BRACE *		(1) 2x4 "L" BRACE *		(2) 2x4 "L" BRACE **		(1) 2x6 "L" BRACE *		(2) 2x6 "L" BRACE *	
				GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B
O.C.	SPF	#1 / #2	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	8' 11"	11' 2"	14' 0"	14' 0"
		STUD	3' 7"	5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
	HF	STANDARD	3' 7"	4' 8"	4' 8"	6' 1"	6' 1"	8' 3"	8' 3"	9' 6"	9' 6"	12' 11"	12' 11"
		#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"
		#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"
24"	SP	#3	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"
		STUD	3' 9"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	8' 11"	9' 5"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	14' 0"
	DFL	#1 / #2	4' 2"	7' 3"	7' 5"	8' 7"	8' 10"	10' 3"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"
		#3	4' 1"	6' 8"	6' 8"	8' 7"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"
		STUD	4' 1"	6' 0"	6' 0"	8' 7"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"
16"	SP	STANDARD	4' 1"	5' 8"	5' 8"	7' 6"	7' 6"	7' 6"	10' 1"	11' 8"	11' 8"	14' 0"	14' 0"
		#1	4' 7"	7' 3"	7' 9"	8' 7"	9' 3"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"
		#2	4' 6"	7' 3"	7' 9"	8' 7"	9' 3"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"
	DFL	#3	4' 4"	6' 10"	6' 10"	8' 7"	9' 0"	10' 3"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"
		STUD	4' 4"	6' 9"	6' 9"	8' 7"	8' 11"	10' 3"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"
		STANDARD	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 3"	10' 4"	11' 11"	11' 11"	14' 0"
O.C.	SPF	#1 / #2	4' 7"	8' 0"	8' 2"	9' 5"	9' 8"	11' 3"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"
	HF	STANDARD	4' 6"	6' 7"	6' 7"	8' 8"	8' 8"	11' 3"	11' 3"	13' 6"	13' 6"	14' 0"	14' 0"
		#1	5' 1"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"
		#2	4' 11"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"
12"	SP	#3	4' 9"	7' 11"	7' 11"	9' 5"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	7' 9"	7' 9"	9' 5"	9' 11"	11' 3"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 3"	11' 7"	13' 10"	14' 0"	14' 0"

DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 7000
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 TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER
CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORT'S LOAD FROM 4' 0"

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

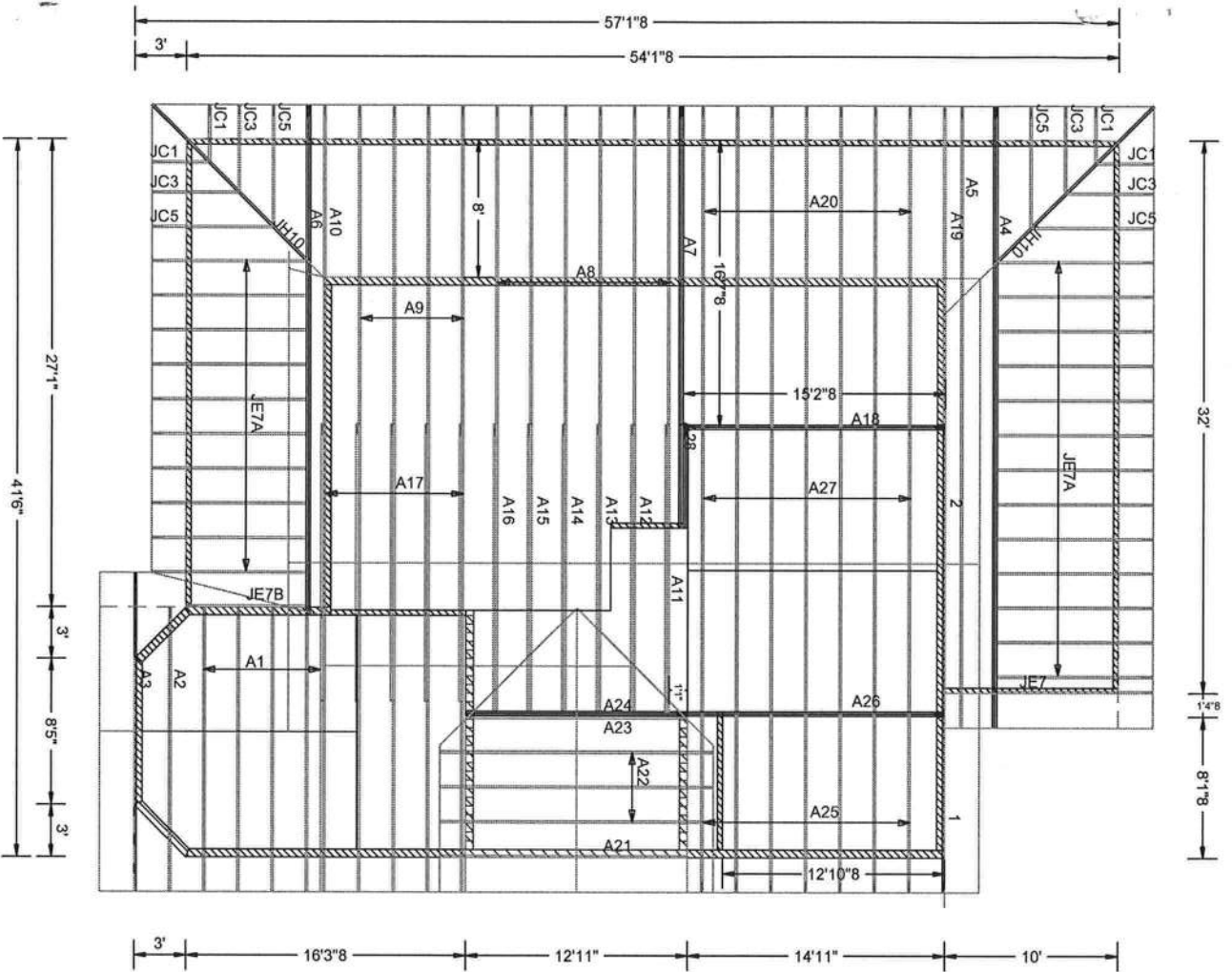
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.

"L" BRACING MUST BE A MINIMUM OF 80% OF 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

 ALPINE ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA	***WARNING*** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH 1ST ST., SUITE 210, TAMPA, FL 33601) AND THE BUILDING OFFICIALS OF AMERICA, 6300 ENTERPRISE LN., MARIETTA, GA 30067, 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.		REF	ASCE7-02-CABI1030
	DATE		2/23/07	
	DRWG		A11030EE0207	
	-ENG			
			MAX.	TOT. LD. 60 PSF
			MAX. SPACING	24"0"

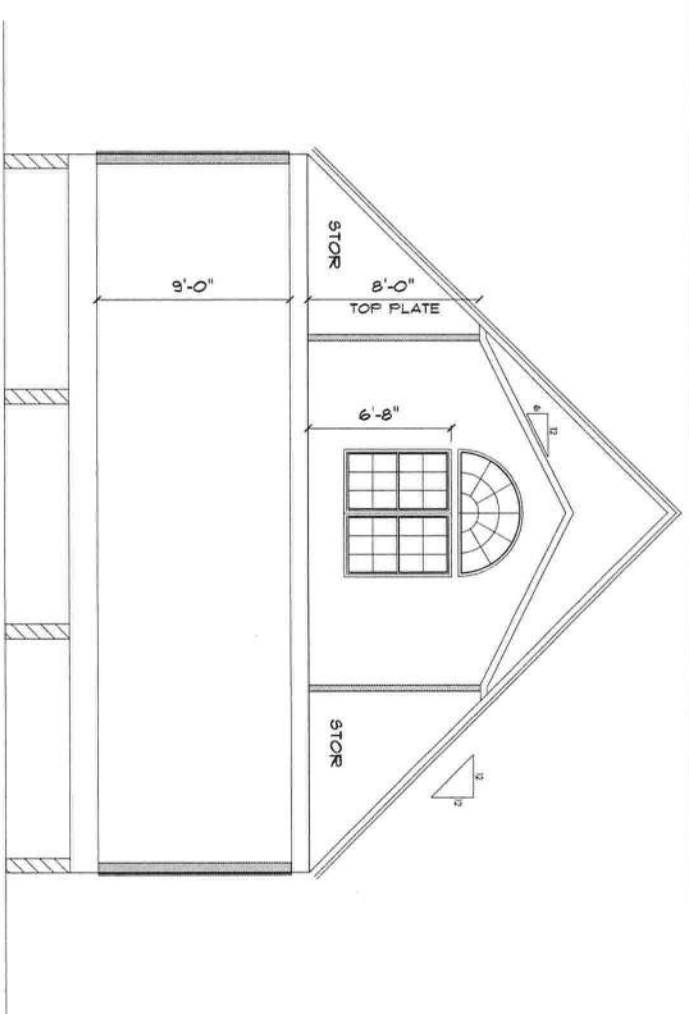


W.B. HOWLAND
Office: (386) 362-1235
Fax: (386) 362-7124
DATE: 1/3/08
ROOF PITCH: 3/12
CLG. PITCH: 6/12
OVERHANG: 2'
LOADING: 40#s PSF
WIND LOAD: 110 MPH
EXT. WALLS: 2 X 6

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

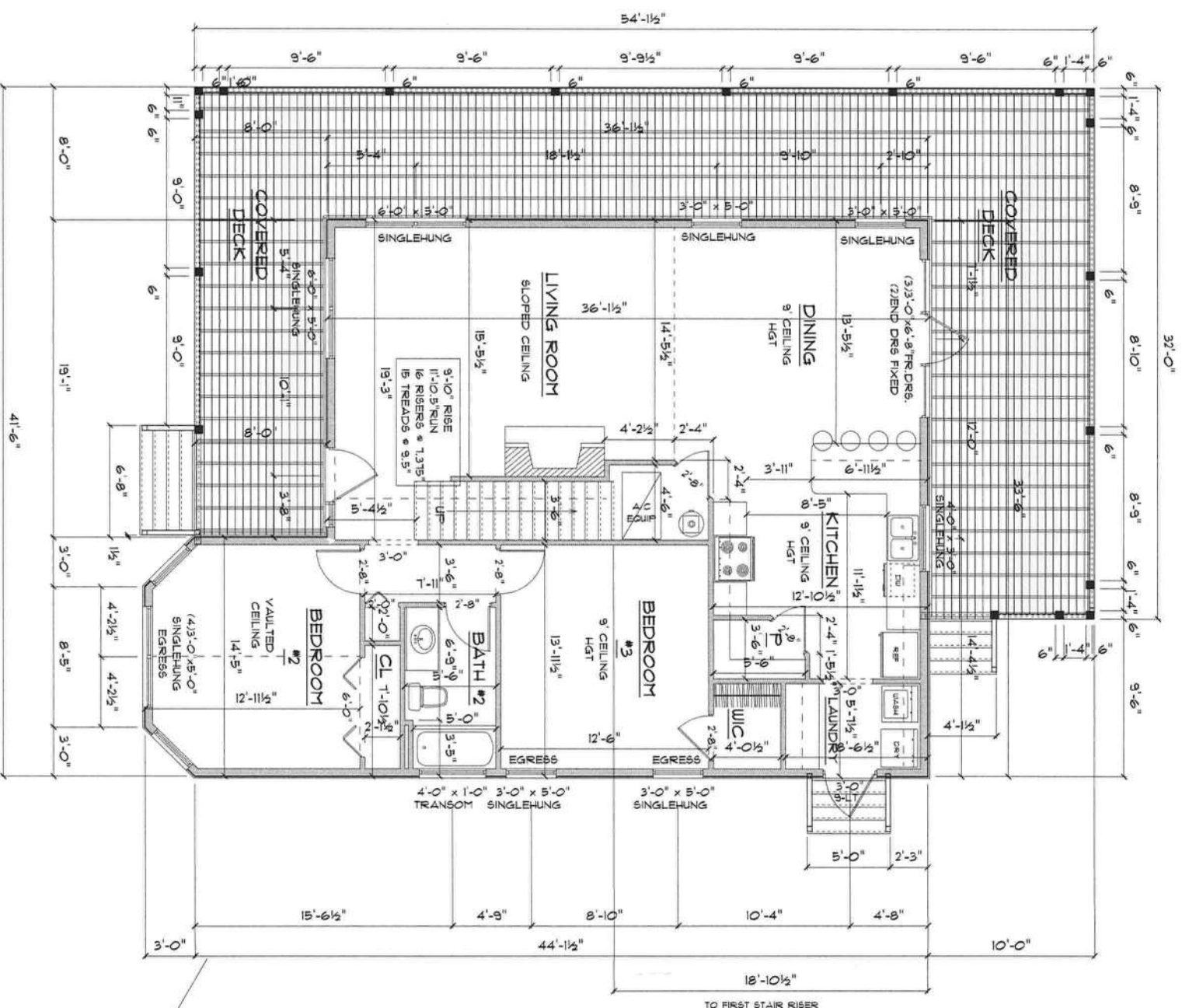
QUOTE FOR ROOF TRUSSES ONLY
VALLEY AREAS TO BE CONVENTIONALLY
FRAMED UNLESS OTHERWISE STATED.

IMPORTANT DESIGN NOTE:
(1) CONVENTIONAL FRAMING FOR
THE FLOOR SYSTEM WILL BE
REQUIRED AND IS NOT INCLUDED
IN TRUSS PRICE.



* CROSS SECTION *

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

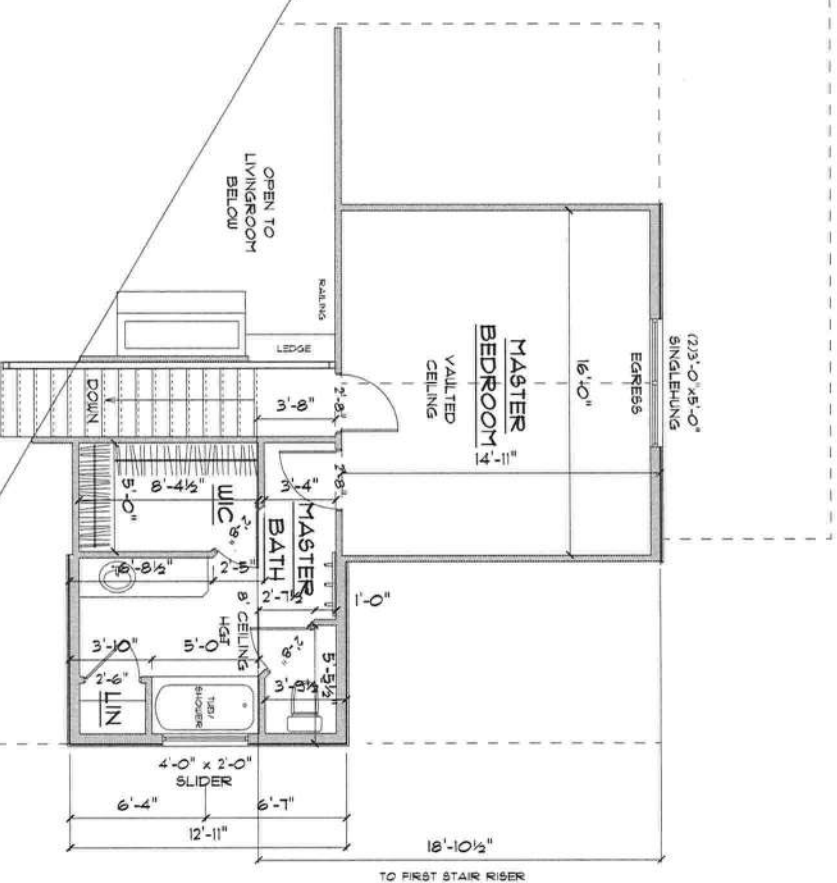


* FIRST FLOOR PLAN *

SCALE: 1/4" = 1'-0"

FIRST FLOOR PLAN = 1360 S.F.
SECOND FLOOR PLAN = 432 S.F.
COVERED DECK = 823 S.F.
TOTAL AREA UNDER ROOF = 2615 S.F.

2X6 EXTERIOR FRAMING



* SECOND FLOOR PLAN *

SCALE: 1/4" = 1'-0"

NEW
RESIDENCE
for
JEREMY & BECKY
STRIEBEL

TOTAL H. S.W./S
6470 N. LAKE EFFEY ROAD
LAKE CITY, FLORIDA 32015
Phone (386) 719 - 4344
Cell (386) 861 - 113
Email: jerry@striebel.com

PRINTED DATE:
JANUARY 28, 2008

DRAWN BY: J. STRIEBEL
CHECKED BY: J. STRIEBEL
BUILDING CONSTRUCTION

FINAL DATE:
DEC 2007

JOB NUMBER:

DRAWING NUMBER
A-2

OF 4 SHEETS