

DATE 08/03/2009

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT

000027985

APPLICANT JERRY M. HUDSON PHONE 386.365.7987
ADDRESS 308 SW UNICORN CT. FT. WHITE FL 32038
OWNER JERRY & DEBORAH HUDSON PHONE 386.365.7987
ADDRESS 1178 SW ENGLISH STREET LAKE CITY FL 32025
CONTRACTOR JERRY & DEBORAH HUDSON PHONE 386.365.7987
LOCATION OF PROPERTY 441-S TO ENGLISH RD,TR AND IT'S APPROX. 1 MILE TO THE SITE
ON L.
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 112200.00
HEATED FLOOR AREA 2244.00 TOTAL AREA 2244.00 HEIGHT 22.50 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 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. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 16-5S-17-09270-000 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 14.00

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 09-0286 BLK WR N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 548

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 Insulation 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 Pool date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
Pump pole date/app. by Utility Pole date/app. by M/H tie downs, blocking, electricity and plumbing date/app. by
Reconnection date/app. by RV date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 565.00 CERTIFICATION FEE \$ 11.22 SURCHARGE FEE \$ 11.22
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 662.44
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 NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Columbia County Building Permit Application

For Office Use Only Application # 0907-42 Date Received 7/27/09 By G Permit # 27985
 Zoning Official BZK Date 30.07.07 Flood Zone X Land Use A-3 Zoning A-3
 FEMA Map # N/A Elevation N/A MFE 1st River N/A Plans Examiner WRO Date 7/29/09
 Comments _____
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
 School _____ = TOTAL Suspended

Septic Permit No. _____ Fax _____

Name Authorized Person Signing Permit Jerry M. Hudson Phone 386-365-7987

Address 308 SW UNICORN CT RT WHITE 32038

Owners Name JERRY M & DEBORAH A HUDSON Phone 386-365-7987

911 Address 1178 SW ENGLISH ST. LAKE CITY FL 32025

Contractors Name owner builder Phone _____

Address _____

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address WILLIAM FREEMAN 128 SW NASSAU ST L. city 32025

Mortgage Lenders Name & Address AMERICAN ENTERPRISE BANK of FLORIDA

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy
839 S. 5th ST MACLENNY FL 32060

Property ID Number 16-55-17-09270-000 Estimated Cost of Construction 180,000.00

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions FROM LAKE CITY, 441/41 SOUTH TO WATERMELON PARK, GO

1 mile s/o CROSS ROAD 240. TURN RT ON ENGLISH ST. TRAVEL APPROX

1 mile TO JOB SITE ON L Number of Existing Dwellings on Property 0

Construction of BRICK on Block SFD Total Acreage 14 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 22'5"

SITE PLAN ON PLANS 526.6' 502.9'
 Actual Distance of Structure from Property Lines - Front 526.6' Side 110' Side 502.9' Rear 288.3'

Number of Stories 1 Heated Floor Area 2244 Total Floor Area 2244 Roof Pitch 6/12

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

CLAY 548

Spoke to Jerry
7/30/09

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: 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 work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

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.

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.

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


 Owners Signature

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

 Contractor's Signature (Permitee)

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

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20____.
 Personally known _____ or Produced Identification _____

 State of Florida Notary Signature (For the Contractor) SEAL:

27985

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
Osceola Land Title Inc.
577 S. 6th Street
Macclenny, FL 32063

Parcel I.D. #: 16-55-17-09270-002
Grantee(s) SSH's:

Inst 200912012618 Date 7/29/2009 Time 10:09 AM
OC P DeWitt Cason, Columbia County Page 1 of 2 B 1177 P 2782

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF BAKER

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

1178 English St. SW, Lake City, FL 32055

A parcel of land in Section 16, Township 5 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

Commence at the Southwest corner of the SE ¼ of Section 16, Township 5 South, Range 17 East, Columbia County, Florida, and run N 89°50'26" E along the South line of the SW ¼ of the SE ¼ of Section 16 a distance of 8.88 feet to a point on the Easterly Maintained Right-of-Way line of English Road (a county maintained road) and the Point of Beginning; thence N 00°15'33" W along said Easterly Maintained Right-of-Way line of English Road (a county maintained road) a distance of 309.12 feet; thence N 01°09'49" E still along the Easterly Maintained Right-of-Way line of English Road (a county maintained road) a distance of 255.87 feet; thence N 02°54'43" E still along the Easterly Maintained Right-of-Way line of English Road (a county maintained road) a distance of 285.82 feet; thence N 38°36'23" E still along said Easterly Maintained Right-of-Way line of English Road (a county maintained road) a distance of 25.12 feet; thence Easterly and Northeasterly along the Southerly Maintained Right-of-Way line of English Road (a county maintained road) a distance of 650.5 feet, more or less; thence S 00°42'14" W a distance of 921.41 feet to a point on the South line of the SW ¼ of the SE ¼; thence S 89°50'26" W along said South line of the SW ¼ of the SE ¼ a distance of 715.59 feet to the Point of Beginning.

2. General description of improvement: construction of single family dwelling
3. Owner information:
 - a. Name and address:
Jerry M. Hudson and Deborah A. Hudson
308 SW Unicorn Court, Lake City, Florida 32038
 - b. Interest in property: Fee Simple
 - c. Name and Address of Fee Simple Titleholder (if other than owner):
4. Contractor: (Name and Address)
Foster's General Contracting, Inc.
10174 N. Hilliard Ave., Glen St. Mary, Florida 32040
Telephone Number: _____
5. Surety (if any):
 - a. Name and Address:
Telephone Number: _____
 - b. Amount of Bond \$ _____
6. Lender: (Name and Address)
American Enterprise Bank of Florida, Inc.
839 South 5th Street, Macclenny, FL 32063
Telephone Number: _____
7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)
N/A
8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
American Enterprise Bank of Florida, Inc.
839 South 5th Street, Macclenny, FL 32063
Telephone Number: _____
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified) _____.



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.

(X) Single Family Dwelling

() Other _____

TYPE OF CONSTRUCTION

() Two-Family Residence

() Farm Outbuilding

() Addition, Alteration, Modification or other Improvement

I, Jimmy M. Hudson, 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 _____

Jimmy M. Hudson
Owner Builder Signature

6-4-09
Date

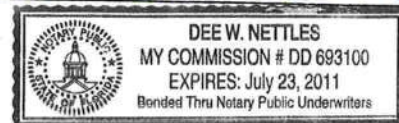
FLORIDA NOTARY

The above signer is personally known to me or produced identification

FWOL #325-433-54-271-0

Notary Signature Dee W. Nettles

Date 6-4-09



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

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

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

Addressing Maintenance

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

DATE REQUESTED: 2/25/2009 DATE ISSUED: 3/4/2009

ENHANCED 9-1-1 ADDRESS:

1178 SW ENGLISH ST

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

16-5S-17-09270-002

Remarks:

PARENT PARCEL 16-5S-17-09270-000

Address Issued By:

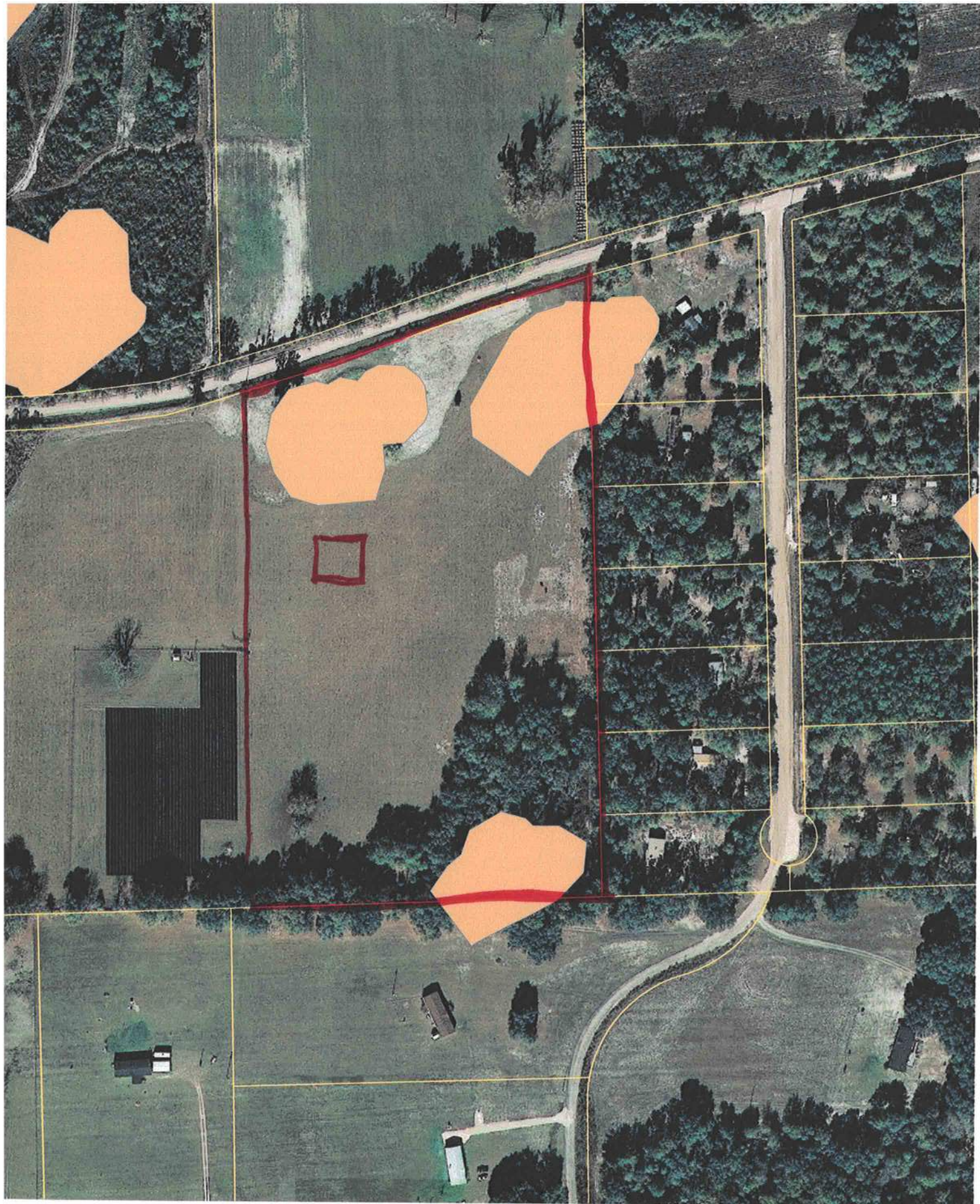

Columbia County 9-1-1 Addressing / GIS Department

Approved Address

MAR 04 2009

911Addressing/GIS Dept

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



0907-42

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: Hudson Residence
 Street:
 City, State, Zip: Lake City, FL,
 Owner: Jerry and Deborah Hudson
 Design Location: FL, Gainesville

Builder Name: Jerry Hudson (owner)
 Permit Office: County Building Dept
 Permit Number: 27985
 Jurisdiction: 221000

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	3	
5. Is this a worst case?	Yes	
6. Conditioned floor area (ft ²)	2244	
7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.95	215.00 ft ²
SHGC:	SHGC=0.80	
b. U-Factor:	N/A	ft ²
SHGC:		
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
e. U-Factor:	N/A	ft ²
SHGC:		
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2244.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Face Brick - Block, Exterior	R=5.0	1548.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
d. N/A	R=	ft ²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2244.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
11. Ducts		
a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 448.8 ft ²		
12. Cooling systems		
a. Central Unit	Cap: 36 kBtu/hr	SEER: 13
13. Heating systems		
a. Electric Heat Pump	Cap: 36.4 kBtu/hr	HSPF: 7.7
14. Hot water systems		
a. Electric	Cap: 50 gallons	EF: 0.95
b. Conservation features		
None		
15. Credits	Pstat	

Glass/Floor Area: 0.096

Total As-Built Modified Loads: 37.15

Total Baseline Loads: 43.70

PASS

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

PREPARED BY: Debbie A. Notes
 DATE: 3-5-09

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: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with N1110.A.3.

PROJECT

Title: Hudson Residence	Bedrooms: 3	Address Type: Street Address
Building Type: FLAsBuilt	Bathrooms: 0	Lot #
Owner: Jerry and Deborah Hudson	Conditioned Area: 2244	SubDivision:
# of Units: 1	Total Stories: 1	PlatBook:
Builder Name: Jerry Hudson (owner)	Worst Case: Yes	Street:
Permit Office: County Building Dept	Rotate Angle: 315	County: Columbia
Jurisdiction:	Cross Ventilation:	City, State, Zip: Lake City ,
Family Type: Single-family	Whole House Fan:	FI ,
New/Existing: New (From Plans)		
Comment:		

CLIMATE

☒	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
☐	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

☒	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
☐	1	Slab-On-Grade Edge Insulatio	209 ft	0	2244 ft²	0.16	0.84	0

ROOF

☒	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
☐	1	Hip	Composition shingles	2510 ft²	0 ft²	Medium	0.96	No	0	26.6 deg

ATTIC

☒	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
☐	1	Full attic	Vented	300	2244 ft²	N	N

CEILING

☒	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
☐	1	Under Attic (Vented)	30	2244 ft²	0.11	Wood

WALLS

☒	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
☐	1	N	Exterior	Face Brick - Block	5	486 ft²	0	0	0.75
☐	2	S	Exterior	Face Brick - Block	5	486 ft²	0	0	0.75
☐	3	E	Exterior	Face Brick - Block	5	288 ft²	0	0	0.75
☐	4	W	Exterior	Face Brick - Block	5	288 ft²	0	0	0.75

DOORS													
✓	#	Ornt	Door Type			Storms	U-Value	Area					
_____	1	N	Insulated			None	0.46	32.5 ft²					
_____	2	N	Insulated			None	0.46	19.5 ft²					
_____	3	S	Insulated			None	0.46	32.5 ft²					
WINDOWS													
Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.													
✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth Separation		Int Shade	Screening
_____	1	N	Vinyl	Low-E Double	Yes	0.95	0.8	N	45 ft²	12 ft 0 in	1 ft 5 in	HERS 2006	None
_____	2	N	Vinyl	Low-E Double	Yes	0.95	0.8	N	30 ft²	1 ft 6 in	1 ft 5 in	HERS 2006	None
_____	3	S	Vinyl	Low-E Double	Yes	0.95	0.8	N	75 ft²	8 ft 0 in	1 ft 4 in	HERS 2006	None
_____	4	S	Vinyl	Low-E Double	Yes	0.95	0.8	N	6 ft²	12 ft 0 in	1 ft 4 in	HERS 2006	None
_____	5	E	Vinyl	Low-E Double	Yes	0.95	0.8	N	16 ft²	1 ft 6 in	1 ft 4 in	HERS 2006	None
_____	6	E	Vinyl	Low-E Double	Yes	0.95	0.8	N	9 ft²	1 ft 6 in	1 ft 4 in	HERS 2006	None
_____	7	W	Vinyl	Low-E Double	Yes	0.95	0.8	N	30 ft²	1 ft 6 in	1 ft 4 in	HERS 2006	None
_____	8	W	Vinyl	Low-E Double	Yes	0.95	0.8	N	4 ft²	1 ft 6 in	1 ft 4 in	HERS 2006	None
INFILTRATION & VENTING													
✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	— Forced Ventilation — Supply CFM Exhaust CFM		Run Time Fraction	Fan Watts			
_____	Default	0.00036	2119	6.30	116.3	218.8	0 cfm 0 cfm		0	0			
COOLING SYSTEM													
✓	#	System Type		Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless				
_____	1	Central Unit		None	SEER: 13	36 kBtu/hr	1080 cfm	0.75	False				
HEATING SYSTEM													
✓	#	System Type		Subtype	Efficiency	Capacity	Ductless						
_____	1	Electric Heat Pump		None	HSPF: 7.7	36 kBtu/hr	False						
HOT WATER SYSTEM													
✓	#	System Type		EF	Cap	Use	SetPnt	Conservation					
_____	1	Electric		0.95	50 gal	60 gal	120 deg	None					
SOLAR HOT WATER SYSTEM													
✓	FSEC Cert #	Company Name		System Model #	Collector Model #	Collector Area	Storage Volume	FEF					
_____	None	None				ft²							

DUCTS												
✓	#	---- Supply ----			---- Return ----		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
		Location	R-Value	Area	Location	Area						
	1	Attic	6	448.8 ft	Attic	112.2 ft	Default Leakage	Interior				

TEMPERATURES												
Programable Thermostat: Y					Ceiling Fans:							
Cooling	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec
Heating	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec
Venting	☒ Jan	☒ Feb	☒ Mar	☒ Apr	☒ May	☒ Jun	☒ Jul	☒ Aug	☒ Sep	☒ Oct	☒ Nov	☒ Dec

Thermostat Schedule: HERS 2006 Reference		Hours											
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lake City, FL	PERMIT #:
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INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.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	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	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 INDEX* = 85

The lower the EnergyPerformance Index, the more efficient the home.

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Face Brick - Block, Exterior	R=5.0	1548.00 ft ²
3. Number of units, if multiple family	1		b. N/A	R=	ft ²
4. Number of Bedrooms	3		c. N/A	R=	ft ²
5. Is this a worst case?	Yes		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	2244		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	2244.00 ft ²
a. U-Factor:	DbI, U=0.95	215.00 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.80		c. N/A	R=	ft ²
b. U-Factor:	N/A	ft ²	11. Ducts		
SHGC:			a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 448.8 ft ²		
c. U-Factor:	N/A	ft ²	12. Cooling systems		
SHGC:			a. Central Unit	Cap: 36 kBtu/hr	
d. U-Factor:	N/A	ft ²		SEER: 13	
SHGC:			13. Heating systems		
e. U-Factor:	N/A	ft ²	a. Electric Heat Pump	Cap: 36.4 kBtu/hr	
SHGC:				HSPF: 7.7	
8. Floor Types	Insulation	Area	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	2244.00 ft ²	a. Electric	Cap: 50 gallons	
b. N/A	R=	ft ²		EF: 0.95	
c. N/A	R=	ft ²	b. Conservation features		
			None		
			15. Credits		Pstat

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 Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 energygauge.com 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.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.



DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

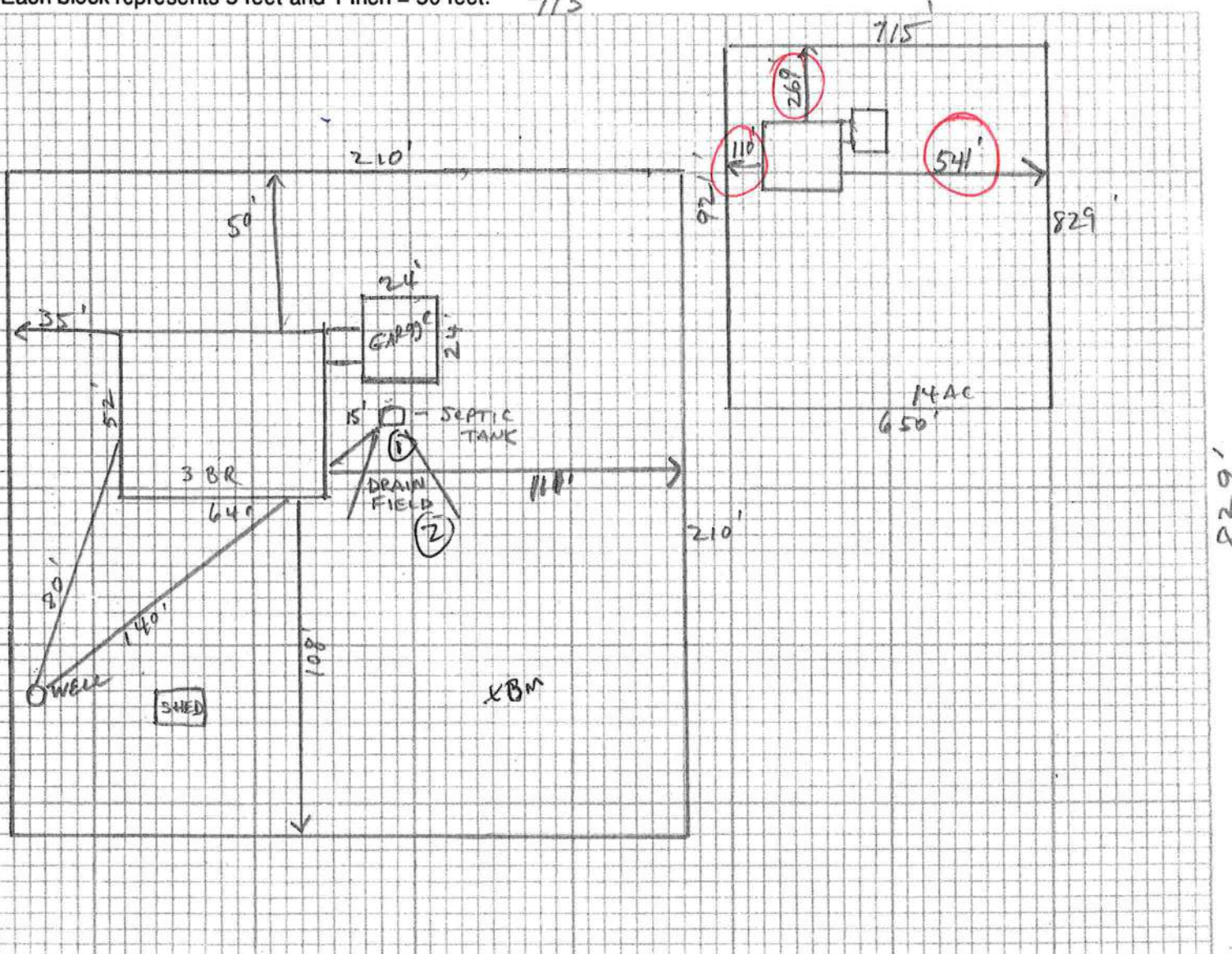
Permit Application Number

09-8286

PART II - SITE PLAN

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

715'



Notes: 14 ACRES

650'

Site Plan submitted by: [Signature]

Signature

owner

Title

Plan Approved ☒

Not Approved ☐

Date 5-29-09

By [Signature] Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST REQUIREMENTS

MINIMUM PLAN REQUIREMENTS FOR THE FLORIDA BUILDING CODE RESIDENTIAL 2007 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

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

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

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Circled as
Applicable

		Yes	No	N/A
1	Two (2) complete sets of plans containing the following:	☒		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	☒		
3	Condition space (Sq. Ft.)			
	Total (Sq. Ft.) under roof			

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIII YES	IIII NO	IIIII N/A
9	Basic wind speed (3-second gust), miles per hour			
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)			
11	Wind importance factor and nature of occupancy			
12	The applicable internal pressure coefficient, Components and Cladding			
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.			

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys	✓		
18	Location and size of skylights with Florida Product Approval	✓	✓	
18	Number of stories			
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade		✓	
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	✓		
25	Safety glazing of glass where needed		✓	
26	Fireplaces types (gas appliance) (vented or non-vented) or <u>wood burning</u> with Hearth (see chapter 10 of FBCR)	✓	✓	
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)		✓	
28	Identify accessibility of bathroom (see FBCR SECTION 322)			

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable	
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FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.		✓	
32	Assumed load-bearing value of soil _____ Pound Per Square Foot		✓	
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	✓		

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides	✓		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

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

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer		✓	
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers		✓	
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers	✓		
42	Attachment of joist to girder	✓		
43	Wind load requirements where applicable	✓		
44	Show required under-floor crawl space		✓	
45	Show required amount of ventilation opening for under-floor spaces		✓	
46	Show required covering of ventilation opening		✓	
47	Show the required access opening to access to under-floor spaces		✓	
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &		✓	

48	intermediate of the areas structural panel sheathing		✓	
49	Show Draftstopping, Fire caulking and Fire blocking	✓		
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309	✓		
51	Provide live and dead load rating of floor framing systems (psf).		✓	

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail		✓	

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details		✓	
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

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

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	✓		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	✓		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	☒		
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	☒		

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	☒		
74	Attic space	☒		
75	Exterior wall cavity	☒		
76	Crawl space		☒	

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	☒		
78	Exhaust fans locations in bathrooms	☒		
79	Show clothes dryer route and total run of exhaust duct	☒		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	☒		
81	Show the location of water heater	☒		

Private Potable Water

82	Pump motor horse power	☒		
83	Reservoir pressure tank gallon capacity	☒		
84	Rating of cycle stop valve if used		☒	

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	☒		
86	Ceiling fans	☒		
87	Smoke detectors & Carbon dioxide detectors	☒		
88	Service panel, sub-panel, location(s) and total ampere ratings	☒		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	☒		

90	Appliances and HVAC equipment and disconnects	✓		
91	Arc Fault Circuits (AFCI) in bedrooms	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	City of Lake City A permit showing an approved waste water sewer tap		✓	
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations	✓		
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established		✓	
100	A development permit will also be required. Development permit cost is \$50.00		✓	
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.		✓	
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____

Project Name: _____

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

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

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

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

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

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

FOR STAFF USE ONLY

PRODUCT APPROVAL SPECIFICATION SHEET

Location: 1178 SW English St.

Project Name: TERRY/Debbie Hinson

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS		<i>masonite</i>	<i>FL 4242-1</i>
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS		<i>better built</i>	<i>FL 6029.7</i>
1. Single hung			
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			
2. Soffits			
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	<i>ECK</i>	<i>shingles</i>	<i>728.4</i>
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

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

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

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

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Jerry M. Hulson 6-4-09

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: ITQ38228Z0119140018

Truss Fabricator: Anderson Truss Company
Job Identification: 9-070--Freeman Design Group Hudson -- , **
Truss Count: 53
Model Code: Florida Building Code
Truss Criteria: FBC2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 8.07.
Structural Engineer of Record: The identity of the structural EOR did not exist as of
Address: the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-05 -Closed

Notes:

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

Details: BRCLBSUB-PB120-

Seal Date: 03/19/2009

-Truss Design Engineer-
Doug Fleming

Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	25813--H7A		09078004	03/19/09
2	25814--H7AA		09078005	03/19/09
3	25815--H9A		09078052	03/19/09
4	25816--H9AA		09078006	03/19/09
5	25817--H11A		09078007	03/19/09
6	25818--H11AA		09078008	03/19/09
7	25819--H13A		09078009	03/19/09
8	25820--H13AA		09078010	03/19/09
9	25821--H15A		09078011	03/19/09
10	25822--H15AA		09078012	03/19/09
11	25823--H17A		09078013	03/19/09
12	25824--H17AA		09078014	03/19/09
13	25825--H19A		09078015	03/19/09
14	25826--H19AA		09078016	03/19/09
15	25827--H21A		09078017	03/19/09
16	25828--H21AA		09078018	03/19/09
17	25829--A1		09078019	03/19/09
18	25830--A2		09078020	03/19/09
19	25831--A3		09078021	03/19/09
20	25832--H7B		09078022	03/19/09
21	25833--H9B		09078001	03/19/09
22	25834--H11B		09078002	03/19/09
23	25835--C2-GDR		09078053	03/19/09
24	25836--C1		09078003	03/19/09
25	25837--J1		09078023	03/19/09
26	25838--HJ7		09078024	03/19/09
27	25839--J3		09078025	03/19/09
28	25840--J5		09078026	03/19/09
29	25841--EJ7		09078027	03/19/09
30	25842--EJ7A		09078028	03/19/09
31	25843--J1A		09078029	03/19/09
32	25844--HJ7A		09078030	03/19/09
33	25845--HJ7B		09078031	03/19/09
34	25846--HJ7D		09078032	03/19/09
35	25847--HJ7C		09078033	03/19/09
36	25848--J1B		09078034	03/19/09

#	Ref	Description	Drawing#	Date
37	25849--J3A		09078035	03/19/09
38	25850--J3B		09078036	03/19/09
39	25851--J5A		09078037	03/19/09
40	25852--J5B		09078038	03/19/09
41	25853--J1C		09078039	03/19/09
42	25854--J3C		09078040	03/19/09
43	25855--J5C		09078041	03/19/09
44	25856--J1D		09078042	03/19/09
45	25857--J3D		09078043	03/19/09
46	25858--J5D		09078044	03/19/09
47	25859--EJ7B		09078045	03/19/09
48	25860--EJ7C		09078046	03/19/09
49	25861--EJ7D		09078047	03/19/09
50	25862--EJ7E		09078048	03/19/09
51	25863--PB1		09078049	03/19/09
52	25864--PB2		09078050	03/19/09
53	25865--PB3		09078051	03/19/09

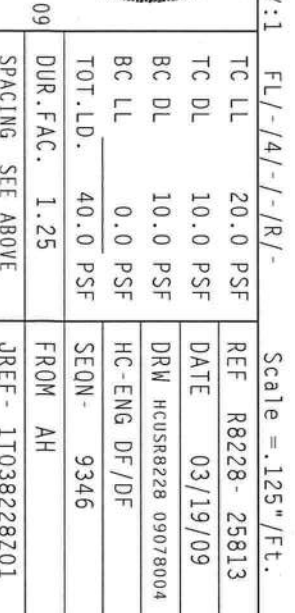


TRUSS MAY NOT BE INSTALLED END FOR END.

Left side jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang.



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.

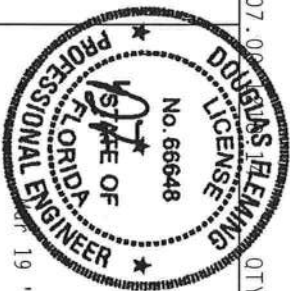


TRUSS MAY NOT BE INSTALLED END FOR END.

Left side jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang.



BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

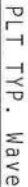
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TC DL	10.0 PSF	DATE 03/19/09
BC DL	10.0 PSF	DRW HCUR8228 0907800
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEON- 9354
DUR.FAC.	1.25	FROM AH
SPACING	SEE ABOVE	JREF - 1TQ38228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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



7.00

QTY:1

Scale = .125"/Ft.

TC LL	20.0 PSF
TC DL	10.0 PSF
PS DL	10.0 PSF

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 25815
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078052
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9384
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: FBC2007Res/TPI-2002(STD),
FT/RT=10%(0%)/0(0)

00

QTY:1

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

Scale = .125"/Ft.

*****WARNING***** FRILES, REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND PRACTICING. REFER TO GCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (FRASS PLANT INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AICA (GOOD FROTHING COUNCIL OF AMERICA, 6500 MONROE AVE, MADISON, WI, 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNDESIRABLE EFFECTS OF FRILES ON THE ENVIRONMENT INDICATED THAT CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

ALPINE

ITW Building Components Group Inc

Haines City, FL 33844

FLC0A #0 278



TC LL	20.0 PSF	REF	R8228 - 25816
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078006
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9398
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TQ38228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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



REF	R8228 - 25817
DATE	03/19/09

DKW HLUSK8228 090/800/

HC-ENG DF/DF

SEQN - 9405

FROM AH

INFL 1T020020701

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Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002(STD),

$$FT/RT=10\%(0\%)/0(0)$$

800

QTY:1

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

Scale = .125"/Ft.

WARNING: THESE RESINIDE REPAIRS CAN BE FABRICATED, HANDLED, SHIPPING, INSTALLING AND BRACKETING TO DISC (STUD) COMPONENT SAFELY IN ONE OPERATION. PUBLISHED BY THE CROSS PAPER INSTITUTION, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND PRICE \$600.00. CROSS CORP. OF AMERICA, 65000 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PLEASE REFER TO THE CROSS CORP. OF AMERICA, UNLESS INDICATED FOR CROSS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED FIELD CELLING.

ALPINE

ITW Building Components Group Inc

Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228 - 25818
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078008
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9410
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	IT038228201

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC. bldg, not located within 6.50 ft from roof edge, CAT 1I, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCp1(+/-)=0.55

Wind reactions based on MAFRS pressures.

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

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



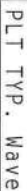
TC LL	20.0 PSF	REF	R8228- 25819
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078009
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9420
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

Wind reactions based on MMFRS pressures.

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

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



QTY:1

Scale = .125"/Ft.

7.00
DOUGLAS FLEMING
LICENSE
No. 66648
QTY

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

TC LL	20.0 PSF	REF	R8228- 25820
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCSR8228 09078010
BC LL	0.0 PSF	HC- ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9426
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.55

Wind reactions based on MMFRS pressures.

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

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



8.07.06

QTY:1

Scale = .125"/Ft.

DOUGLAS
LICENSE
No. 66648

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TTB HCF, INC. SHALL NOT

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TROSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TROSS'S,

DESIGN CODES	ON APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC., BY AREA AND TYP.	TIM BCS
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W./I./SS/F) ASTM A653 GRADE 40/60 (T, K/H/A) GALV. STEEL.		
PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED ON THIS DESIGN POSITION PER DRAWINGS 160A-2		

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF THE 1911-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

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

100

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ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

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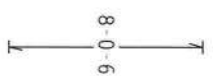
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.55

Wind reactions based on MMFRS pressures.

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

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

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



Scale = .125"/Ft.

7.00
DOUGLAS FLEMING
LICENSE
No. 66648
OT



Haines City, FL 33844
FL COA #0278



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

HC-ENG DF/DF
SEQN - 9447
FROM AH
JREF - 1TQ38228Z0

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, 1w-1.00 GCPI (+/-) -0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MMFRS pressures.

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

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

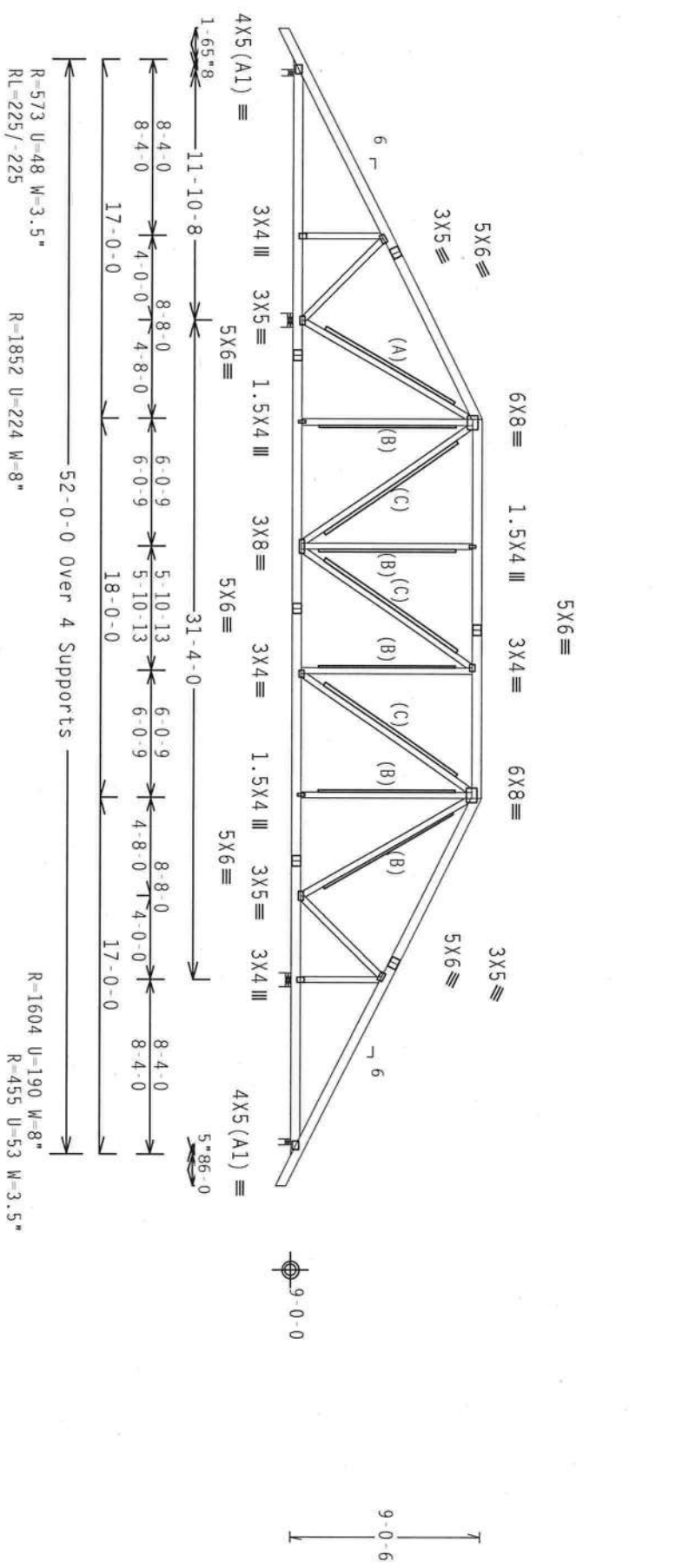
(A) 2x6 #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

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

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



PLT TYP. Wave

Design Crit: FBC2007Res/TP1-2002(STD)

FT/RT=10%(0%)/0(0)

8.07.00

QTY: 1

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

Scale = .125"/ft.

WARNING: TRUSSES BEARING EXTREME LOADS IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BEARING CAPACITY OF TRUSSES IS BASED ON THE ASSUMPTIONS OF THE DESIGN. THE TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES.

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

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0278

PROFESSIONAL ENGINEER

DOUGLAS FLEMING

No. 66648

FLORIDA

19 '09

TC LL	20.0 PSF	REF	R8228-25823
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCSR8228 09078013
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEON-	9454
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF	1T038228Z01

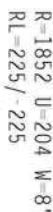
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC, bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCpf(+/-)=0.55

Wind reactions based on MFRS pressures.

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

Bottom chord checked for 10.00 psf non-concurrent live load

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



Scale = .125" / Ft.

7.00
DORGLAS FLEMING
LICENSE
No. 66648
OTY

ITW Building Components Group Inc

Haines City, FL 33844
FL COA #0278

[illegible]

QTY: 1	FL / - / 4 / - / - / R / -	Scale = .125" / FT
TC LL	20.0 PSF	REF R8228 - 2582
TC DL	10.0 PSF	DATE 03/19/09
BC DL	10.0 PSF	DRW HCUSR8228 09078
BC LL	0.0 PSF	HC-ENG DF/DF
TOT. LD.	40.0 PSF	SEQN 9459
DUR. FAC.	1.25	FROM AH
SPACING	24.0"	JREF - 1T03822820

10-0-6

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART ENC. bldg, not located within 6.50 ft from roof edge, CAT 11, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCPI(+)=0.55

Wind reactions based on MWFRS pressures.

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

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

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



Scale = .125"/Ft.

7.00 1
DOUGLAS FLEMING
LICENSE
No. 66648
QT

ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0278

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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

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



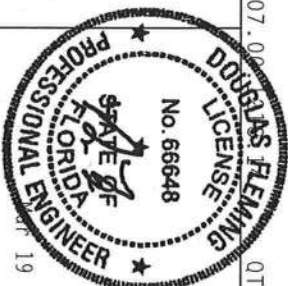
Scale = .125"/Ft.

NO. 66648



ALPINE

ITW Building Components Group Inc
Haines City, FL 33844
FL COA #0 278



TC LL	20.0 PSF	REF	R8228- 25827
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078017
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9487
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ GCPI (+/-)=0.55

Wind reactions based on MMFRS pressures.

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

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

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



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

QTY:3

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

Scale = .125"/Ft.

***WARNING:** THESE ARE NOT THE ENTIRE CODES FOR ERECTION, MAINTENANCE, SHIPMENT, INSTALLATION AND PRACTICE OF THIS PRODUCT. CONSULT THE MANUFACTURER'S LITERATURE FOR COMPLETE INFORMATION. PUBLISHED BY THE CRUISE PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304, AND WICK GORD TRUSS COMPANY, INC., 6500 AMERICA ENTERPRISE BLVD., MADISON, WI 53719 FOR SALES PRACTICES PERTAINING TO REINFORCING THE SECTIONS. THESE DIRECTIONS INDICATED THAT CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



60.

TC LL	20.0 PSF	REF	R8228 - 25828
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078018
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN -	9508
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T038228201

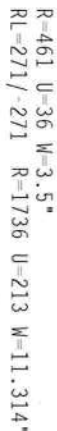
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCPI(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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

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



Scale = .125"/Ft.

7.00
07
DOUGLAS FLEMING
LICENSE
No. 66648

Haines City, FL 33844
FL COA #0278

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. 1w-1.00 GCPI (+/-) -0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MMFRS pressures.

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

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

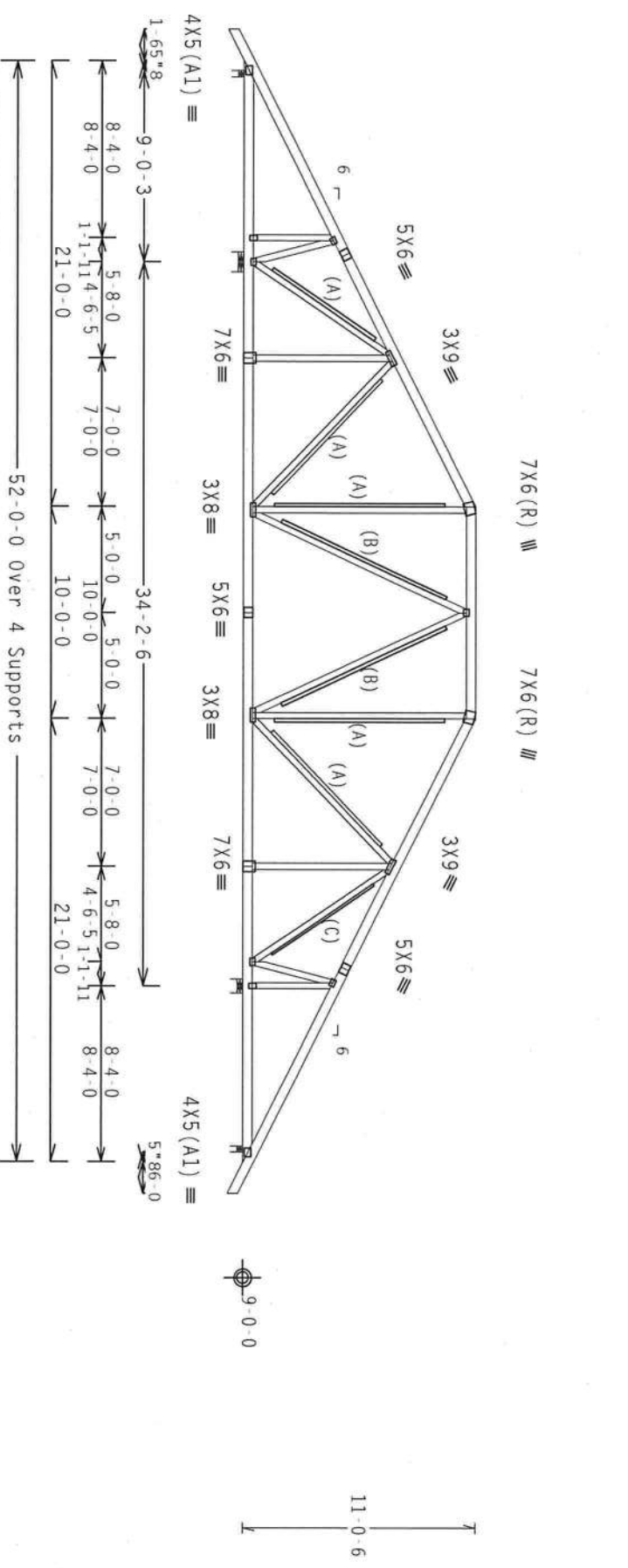
(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

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

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



R=506 U=37 W=3.5"
R=271-271 R=1797 U=212 W=11.314"
R=1660 U=185 W=8"
R=521 U=51 W=3.5"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TP1-2002 (STD)
FT/RT=10%(0%)/0(0)

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

Scale = .125"/Ft.

ALPINE

TTW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278



TC LL	20.0 PSF	REF	R8228-25830
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078020
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	9527
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCPI(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MMFRS pressures.

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

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

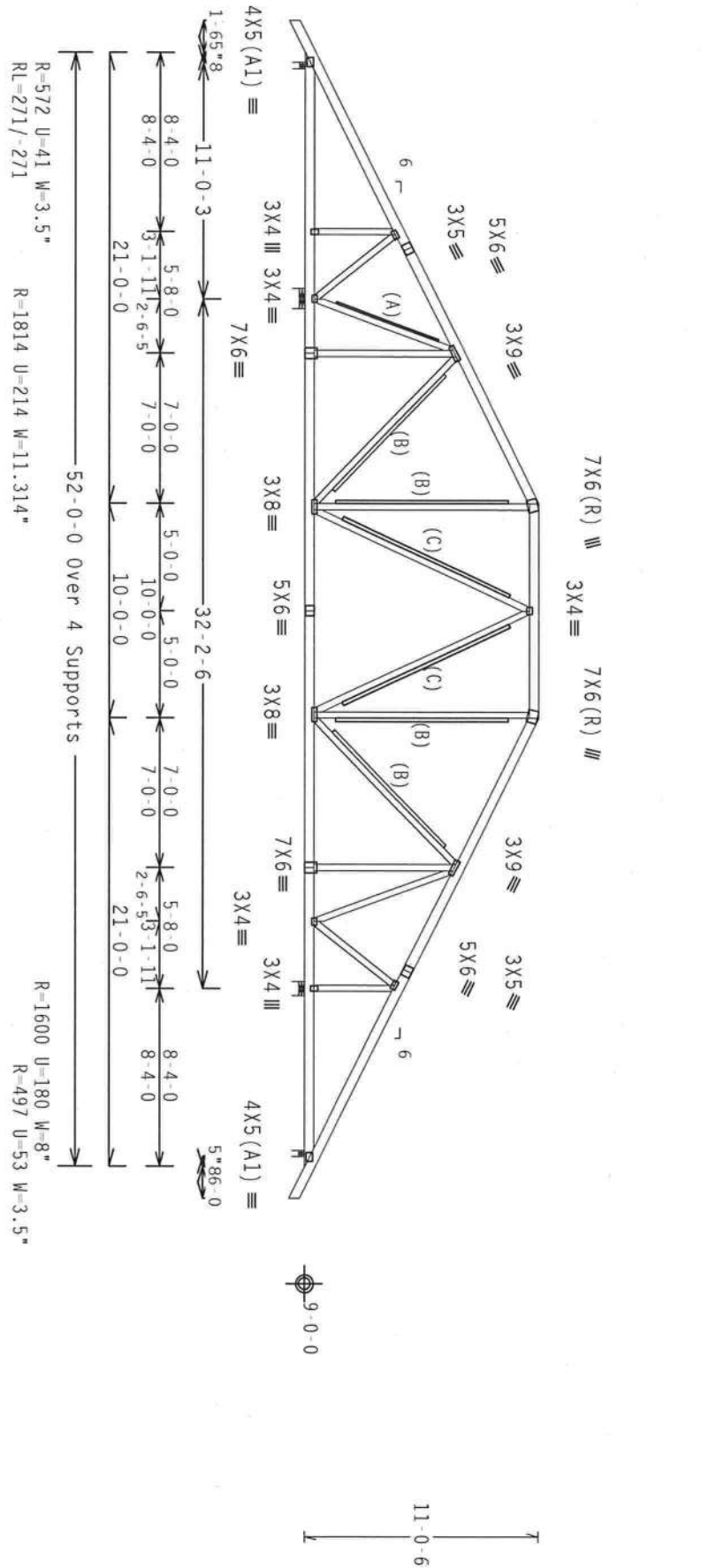
(C) 2x6 #3 or better "T" brace, 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

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

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



PLT TYP. Wave

Design Crit: FBC2007Res/TP1-2002 (STD)

FT/RT=10%(0%)/0(0)

8.07.00

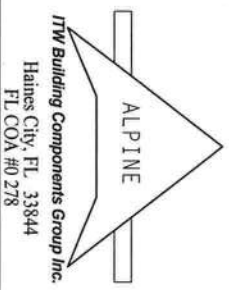
QTY:1

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

Scale = .125"/ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 ROUTE 31, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA (WOOD TRUSS CONDUCT OF AMERICA), 6300 KENNEDY BLVD, SUITE 100, FORT WORTH, TX 76116. TRUSSES MUST BE PROPERLY ATTACHED TO STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG CONSTRUCTION PLATES ARE MADE OF 20/18/16GA (40/55/4) ASTM A653 GRADE 40/60 (4, K/H/55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 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 ANSI/TP1 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228-25831
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078021
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT.LD.	40.0 PSF	SEQN-	9540
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

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

Wind reactions based on MMRS pressures.

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



Haines City, FL 3384
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 25832
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078022
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9236
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T038228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.



8.07.00

QTY:2

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

Scale = .25"/Ft.

WARNING: THESE BUILDING EXISTENCE CASE INFORMATION, HANDLING, SHIPPING, INSTALLING, AND BRACING REFER TO BEST (BIDDING) COMPONENTS CASE INFORMATION, PUBLISHED BY PEI STRESS PANEL INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND AISC, (2000) TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MADISON, WI, 53719 FOR SAFETY PRACTICES PRIOR TO DEMOLITION OF THE STRUCTURES. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.

Haines City FL 33844

FL COA #0278



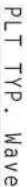
TC LL	20.0 PSF	REF	R8228- 25833
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078001
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	9240
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

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

10



8.07.00

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

Scale = .25" / Ft.

DOUGLAS
LICENSE
No. 66648

ITW Building Components Group Inc.

Haines City, FL 33844
 FL COA #0378

FL COA #0278



TC LL	20.0 PSF	REF	R8228- 25834
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078002
BC LL	0.0 PSF	HC-ENG DF/DF	*
TOT.LD.	40.0 PSF	SEQN-	9246
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. $I_w=1.00$ Gcpl (+/-)=0.18

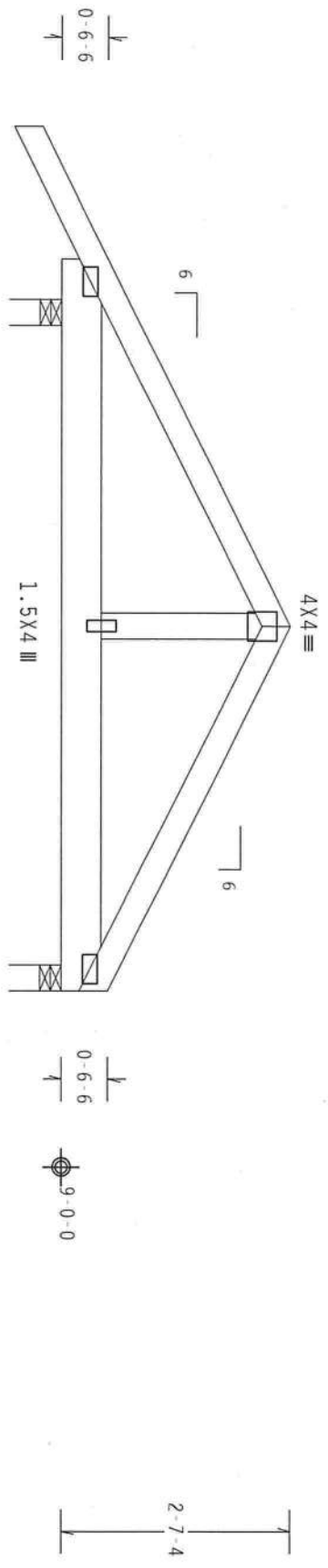
Wind reactions based on MMFRS pressures.

Roof overhang supports 2.00 psf soffit load.

SPECIAL LOADS

LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25			
TC - From	62 PLF at -1.50 to	62 PLF at 4.15	
TC - From	62 PLF at 4.15 to	62 PLF at 8.29	
BC - From	4 PLF at -1.50 to	4 PLF at 0.00	
BC - From	20 PLF at 0.00 to	20 PLF at 8.29	
BC -	45 LB Conc. Load at 1.09		
BC -	127 LB Conc. Load at 3.09		
BC -	209 LB Conc. Load at 5.09		
BC -	292 LB Conc. Load at 7.06		

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



2X4 (Al) =

1-6-0 = 5" 8'

2X4 (Al) =

4-1-12
4-1-12
8-3-8 Over 2 Supports
R=735 U=101 W=3.5"

R=722 U=86 W=3.5"

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

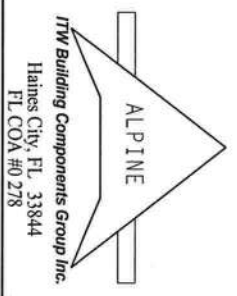
8.07.00

QTY:1

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

Scale = .5"/ft.

****WARNING**** BRUSSES REQUIRED EXTERIOR GABLE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/P&I AND TPI. 11W BCG, CONSTRUCTION OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 25835
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078053
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT. LD.	40.0 PSF	SEQN-	9336
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

UNIVERSITY OF CALIFORNIA LIBRARY

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

Wind reactions based on MFRS pressures.

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



8.07.06

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

Scale = .5"/Ft.

DOE LICENSE
No. 66648

TC LL	20.0 PSF	REF R8228- 25836
TC DL	10.0 PSF	DATE 03/19/09

07-01-01

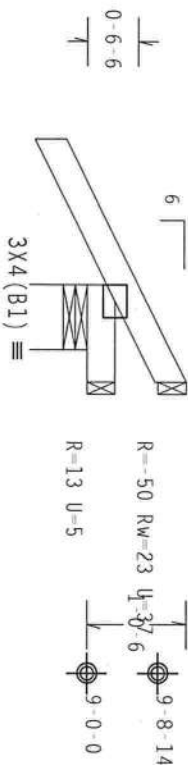
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TC LL	20.0 PSF	REF	R8228 - 25836
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078003
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9333
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228201

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ GCFI (+/-)=0.18

Wind reactions based on MWFRS pressures.

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



$\overleftarrow{1-6-0} \rightarrow$
 1-0-0 Over 3 Supports
 $\overleftarrow{\hspace{1cm}} \rightarrow$
 R=237 U=43 W=8"
 RL=28/-22

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY: 8

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

Scale = .5"/Ft.

WARNING: THESE BUILDING COMPONENTS ARE FABRICATED, MANUFACTURED, SHIPPED, INSTALLING AND BRACKETING TO BE USED IN THE FOLLOWING MANNER. REFER TO GC'S (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE (PRESS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WEA (WOOD PRESERVATION COUNCIL OF AMERICA, 6500 ROCKBROOK LANE, SUITE 508, # 53719) FOR SAFETY PRACTICES AND TO UNDERSTAND THESE FUNCTIONS. UNLESS INDICATED FOR CONCRETE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED BRIDLE CELLS.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278



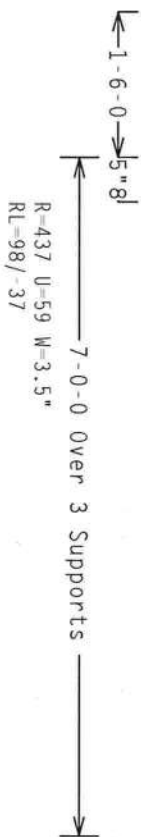
TC LL	20.0 PSF	REF	R8228 - 25837
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCU8R8228 090780
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9208
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

JREF - 11038228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.55

Wind reactions based on MWFRS pressures.

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



Scale = .5" / Ft.

Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 25859
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078045
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9296
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.55$

Wind reactions based on M/FRS pressures.

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



Scale = .5" / Ft.

DRAWING, MODULATE, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE BUISS COMPONENT DECISION SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/771 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 25860
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078046
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9299
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

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

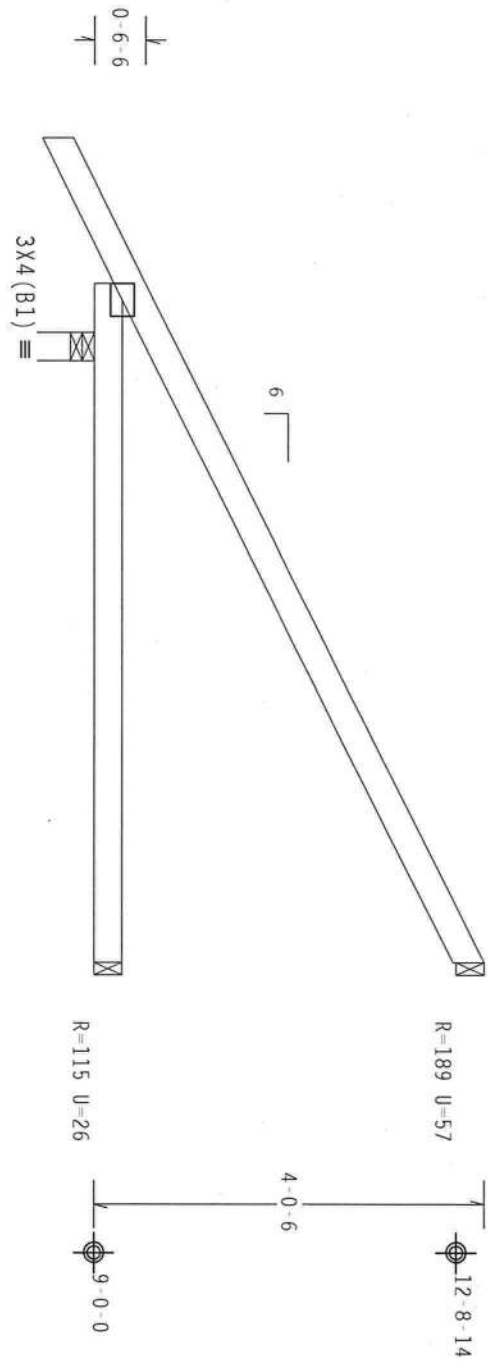
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.55$

Wind reactions based on MWFRS pressures.

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



←1-6-0→6"↓
7-0-0 Over 3 Supports
R=440 U=59 W=3.5"
RL=98/-37

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY: 3

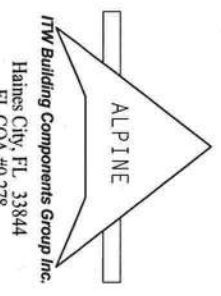
FL/-/4/-/-/R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES BEING EXTERIOR CASE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY THE TRUSS MANUFACTURER, 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. OF ALUMINUM AND TPI. ITW BCG PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2, 160B-2, 160C-2, 160D-2, 160E-2, 160F-2, 160G-2, 160H-2, 160I-2, 160J-2, 160K-2, 160L-2, 160M-2, 160N-2, 160O-2, 160P-2, 160Q-2, 160R-2, 160S-2, 160T-2, 160U-2, 160V-2, 160W-2, 160X-2, 160Y-2, 160Z-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. CONSULT FOR THE INDIVIDUAL DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 25861
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078047
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT. LD.	40.0 PSF	SEON-	9302
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228201

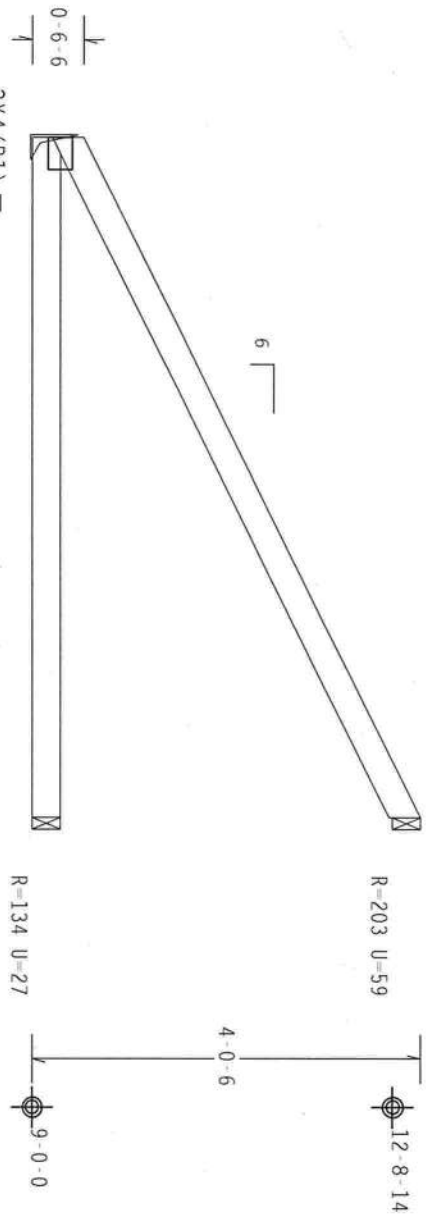
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

Wind reactions based on MMFRS pressures.



PLT TYP. Wave

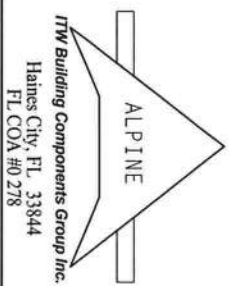
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY:1

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

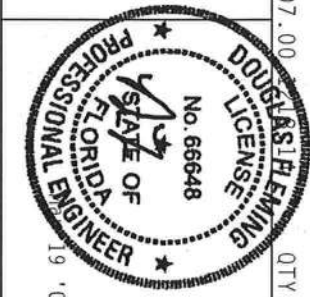
Scale = .5"/Ft.



****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. AFTER TO BESET, (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 WEST 10TH STREET, MOHAWK, NY 13791 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THUSSES.

DESIGN CONDITIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 70/30/66A (W/H/SS/V) ASTM A563 GRADE 40/60 (W, V/H, SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF THUS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA/AIA 6.3 OR TPI 11-2002 SEC. 3. A SEAL ON THIS DESIGN INDICATES THE DESIGNER'S PERSONAL, PROFESSIONAL, RESPONSIBILITY TO THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 25862
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078048
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT.LD.	40.0 PSF	SEQN-	9305
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	UREF-	1T038228201

Refer to DWG PBI200109 for piggyback details.

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



Scale = .5"/Ft.

CONNECTOR PLATES MUST BE 20/81/81/664 (G/3/55/57) ASTM A653 GRADE 40/60 (4, X/1,55) GALV. STEEL. APPLY PLATES TO EACH FACE OF THUSMS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T600-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF T711-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PREPAREDNESS FOR THE DESIGN RESPONSIBILITY. SIGNED FOR THE THUSMS COMPONENT DESIGN SIGNOR. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/T711 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 25863
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078049
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9545
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

110 mph wind, 21.03 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ $G_{cpi}(+/-)=0.18$

Wind reactions based on MAFRS pressures.

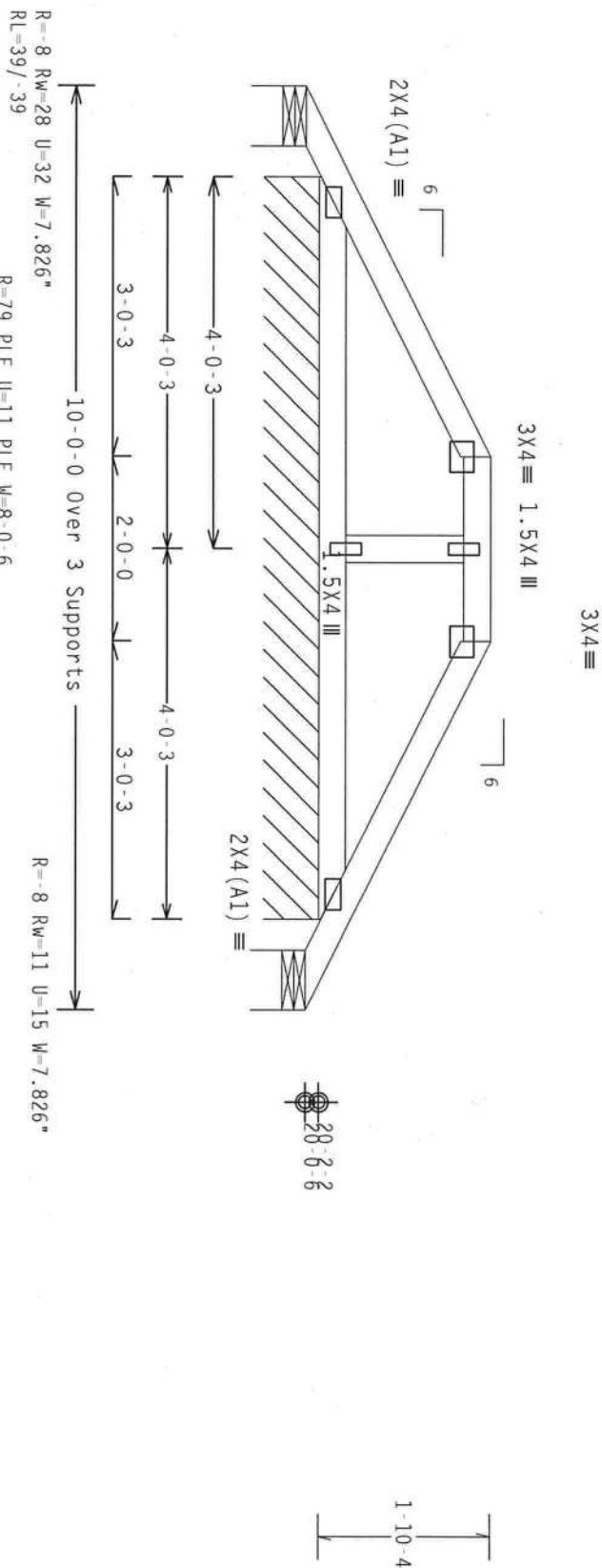
Deflection meets $L/240$ live and $L/180$ total load.

Refer to DWG PB1200109 for piggyback details.

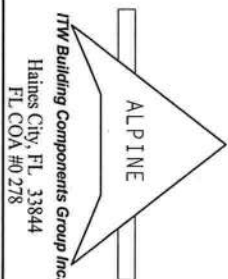
SPECIAL LOADS

	PLATE DUE FAC. = 1.25	LUMBER DUE FAC. = 1.25
TC - From	62 PLF at 4.00 to 62 PLF at 4.00	62 PLF at 4.00 to 62 PLF at 4.00
TC - From	62 PLF at 4.00 to 62 PLF at 6.00	62 PLF at 4.00 to 62 PLF at 6.00
TC - From	62 PLF at 6.00 to 62 PLF at 10.00	62 PLF at 6.00 to 62 PLF at 10.00
BC - From	4 PLF at 0.00 to 4 PLF at 10.00	4 PLF at 0.00 to 4 PLF at 10.00

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



PLT TYP. Wave



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY:2

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

Scale = .5"/Ft.

WARNING—TRIPES, BLEEDING EXTREME CARE IN FABRICATION, MASTURBATING, SHITTING, INSTALLING AND PRACTICING RELATE TO BEST-CHOULDING COMPONENT SAFETY INFORMATION.—PUBLISHED BY THE CROSS PLACE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND WFC GOOD TRUSS COUNCIL OF AMERICA, 65000 DOWNSIDE ENTERPRISE LAKE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE OPERATIONS.—DRESSING UP OTHERWISE INDICATED TWO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ONE OTHERWISE ATTACHED RIGID CELLULOSE.

****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 OR FAREIGHTING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, BY DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOST NATIONAL DESIGN SPEC. BY AISC/AAS AND THE ITW BCG, INC. DESIGN.

CONDUCTOR PLATES ARE MADE OF 20/10/1664 (4.0/55/55) ASTM A663 GRADE 40/60 (4. FRA. 55) GALV. STEEL. APPLY PLATES TO EACH FACE OF THUSMS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1600-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF 17/11 2002 SEC.3. A SEAL ON THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLICIT FOR THE THUSMS COMPONENTS OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/791.1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 25864
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078050
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SECN-	9547
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

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

110 mph wind, 21.28 ft mean hgt, ASCE 7-05, 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 MMFRS pressures.

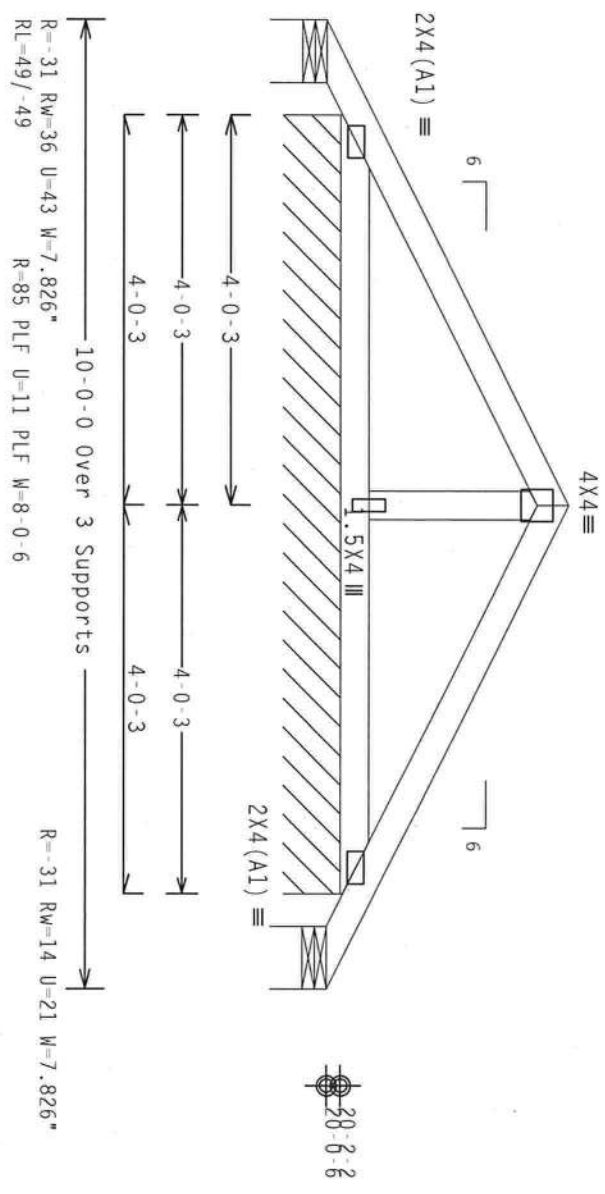
Refer to DWG PB1200109 for piggyback details.

SPECIAL LOADS

----- (LUMBER
TC - From 62 PLF at 0.00 to 62 PLF at 5.00
TC - From 62 PLF at 5.00 to 62 PLF at 10.00
BC - From 4 PLF at 0.00 to 4 PLF at 10.00

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

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



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

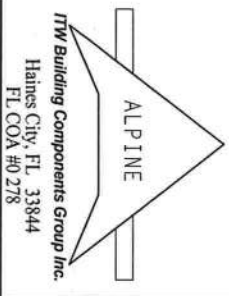
QTY: 6

Scale = .5"/ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2180 E. 15TH AVE., SUITE 100, DENVER, CO 80202) FOR SAFETY PRACTICES PRIOR TO REMOVING THESE THUSSES. 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 THUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITW BCG PLATES TO EACH FACE OF THUSSES AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF TPI-2002 SEC.3.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SILENT FOR THE TRUSS COMPONENT DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 25865
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078051
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEON-	9549
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

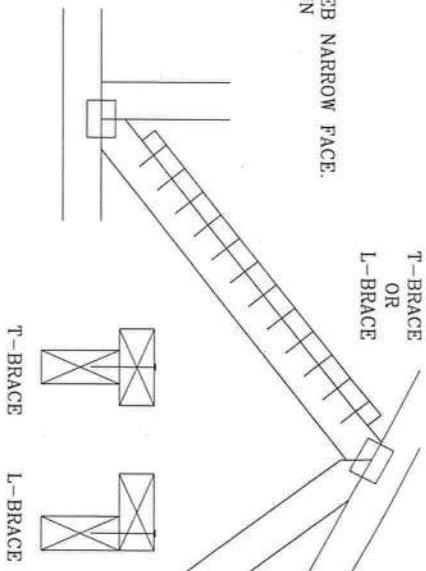
WEB MEMBER SIZE	SPECIFIED CLB BRACING	T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

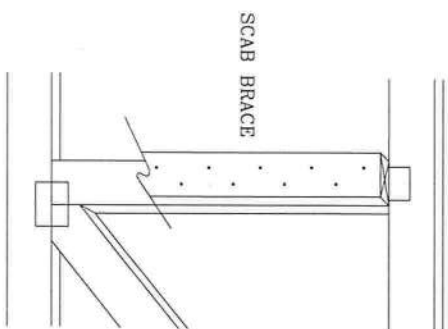
T-BRACING
OR
L-BRACING:

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



Building Components Group Inc.

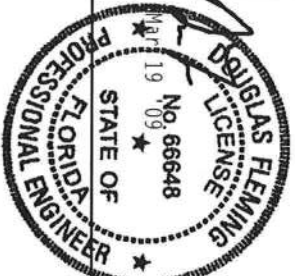
Earth City, MO 63045

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET.** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information) by TPI and WTA for safety practices prior to performing any work. Trusses are not to be used as a temporary support for other construction. Trusses shall have properly attached and secured bracing. Trusses shall have bracing installed per BCSI sections B3 & B7. See this job's general notes page for more information.

****IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.** Building Components Group Inc. (ITBCCI) shall not be responsible for any deviation from this design. Trusses are not to be used as a temporary support for other construction. Trusses shall have properly attached and secured bracing. Trusses shall have bracing installed per BCSI sections B3 & B7. See this job's general notes page for more information.

A seal on this drawing or cover page indicates acceptance and 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.

ITB-500, www.itbcci.com, TPI, www.tpi.com, WTA, www.abindustry.com, ICC, www.iccsafe.org



TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	1/1/09
BC DL	PSF	DRWG	BRCLBSUB0109
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

120 PIGGYBACK DETAIL

UP TO 120 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, ENCLOSED BLDG. LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND DL= 5.0 PSF KZ1=1.0.

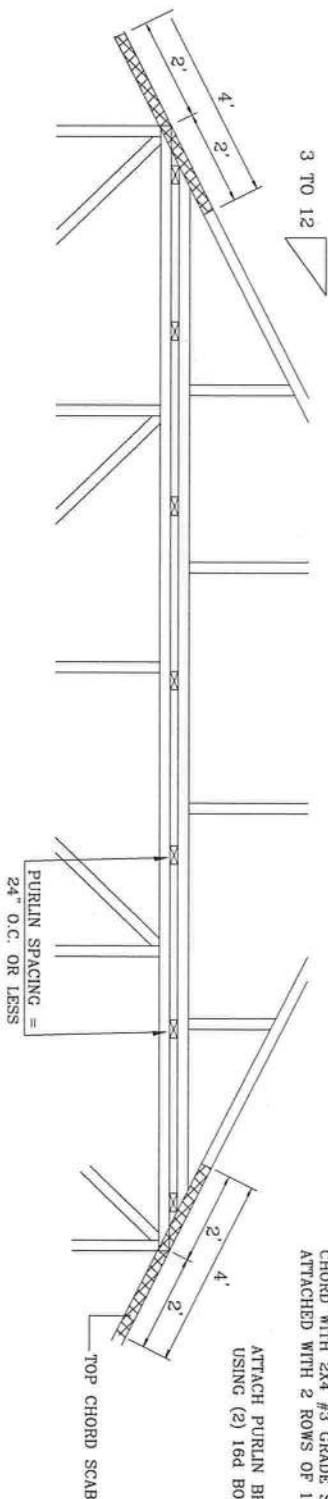
NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATELY BRACED BY SHEATHING OR PURLINS. DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

REFER TO ENGINEER'S SEALED TRUSS DESIGN DRAWING FOR PIGGYBACK AND BASE TRUSS SPECIFICATIONS.

MAXIMUM TRUSS SPACING IS 24" O.C. DETAIL IS NOT APPLICABLE IF CAP SUPPORTS ADDITIONAL LOADS SUCH AS CUPOLA, STEEPLE, CHIMNEY OR DRAG STRUT LOADS.

THE BUILDING ENGINEER OF RECORD SHALL PROVIDE

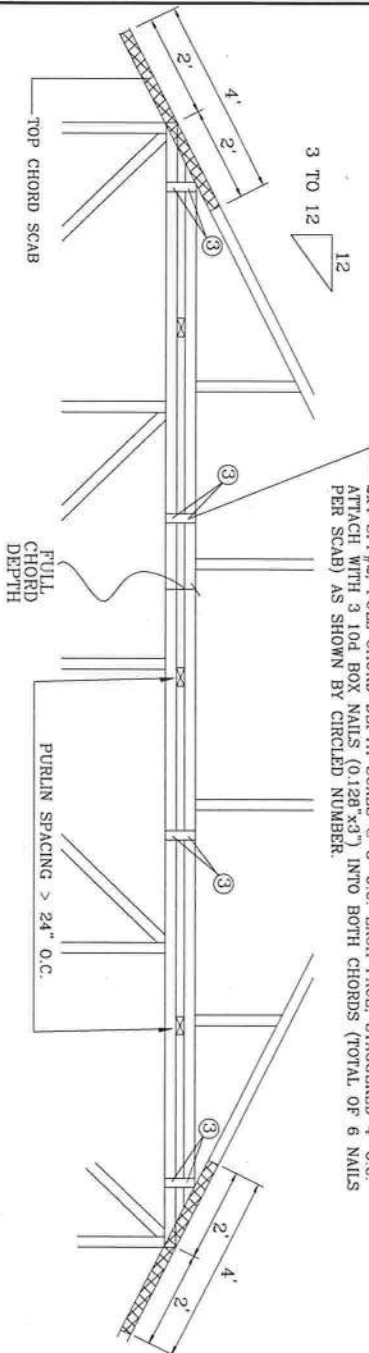
DETAIL A



PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD PURLIN BRACING WITH (2) 16d BOX NAILS (0.135"x3.5") AND SECURE TOP CHORD WITH 2x4 #3 GRADE SCAB (1 SIDE ONLY AT EACH END) ATTACHED WITH 2 ROWS OF 10d BOX NAILS (0.128"x3.0") AT 4" O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD USING (2) 16d BOX NAILS (0.135"x3.5")

DETAIL B



PIGGYBACK CAP TRUSS NAILED TO TOP CHORD OF BASE TRUSS AND SECURED WITH 2x4 SPF#2. FULL CHORD DEPTH SCABS @ 8" O.C. EACH FACE, STAGGERED 4" O.C. ATTACH WITH 3 10d BOX NAILS (0.128"x3") INTO BOTH CHORDS (TOTAL OF 6 NAILS PER SCAB) AS SHOWN BY CIRCLED NUMBER.

PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD PURLIN BRACING WITH (2) 16d BOX NAILS (0.135"x3.5") AND SECURE TOP CHORD WITH 2x4 #3 GRADE SCAB (1 SIDE ONLY AT EACH END) ATTACHED WITH 2 ROWS OF 10d BOX NAILS (0.128"x3.0") AT 4" O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD USING (2) 16d BOX NAILS (0.135"x3.5")

ALTERNATE ATTACHMENTS

TRULUX
USE 3x8 TRULUX PLATES FOR 2x4 CHORD MEMBER, AND 3x10 TRULUX PLATES FOR 2x6 AND LARGER CHORD MEMBERS. ATTACH TO EACH FACE @ 8" O.C. WITH (4) 0.120"x1.375" NAILS INTO CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. TRULUX PLATES MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.

PLYWOOD GUSSET
8"x6"x1/2" RATED SHEATHING GUSSETS (EACH FACE). ATTACH @ 8" O.C. WITH (8) 6d COMMON (0.113"x2") NAILS PER GUSSET (4) ON CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. GUSSETS MAY BE STAGGERED 4" O.C. FRONT TO BACK FACES.



Building Components Group Inc.

Earth City, MO 63045

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCS (Building Component Safety Information, by TPI and WCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCS. Unless noted otherwise, top chord shall have properly attached structural plates and bottom chord shall have properly attached right side plates. All plates shall be attached to the truss members with the bracing installed per BCS sections B3 & B7. See this job's general notes page for more information.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

ITW Building Components Group Inc. (ITWBCG) 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 the truss. ITWBCG shall not be responsible for any damage to the building or its contents caused by the use of the truss. ITWBCG shall not be responsible for any damage to the building or its contents caused by the use of the truss. A seal on this drawing or cover page indicates acceptance and 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/PSI 1 Sec. 2.

ITW-BGC: www.itwbcg.com; TPI: www.tpi.com; WCA: www.wcaindustry.com; ICC: www.iccsafe.org



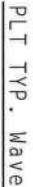
REF PIGGYBACK
DATE 1/1/09
DRWG PB1200109

SPACING 24.0"

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, 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 MMFRS pressures.

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



8.07.00

QTY:4

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

Scale = .5" / Ft.

WARNING TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO ACSI (QUALITY ASSOCIATION FOR SAFETY IN CONSTRUCTION), PUBLISHED BY FPI (FIBER PAPER INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND AFCA (AMERICAN TRUSS COUNCIL OF AMERICA), 63000 ENTERPRISE LANE, MADISON, WI, 53719 FOR SAFETY PRACTICES PERTAINING TO PERFORMING THESE FUNCTIONS. UNDESIGNED OR OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAINS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED GIRD COLUMNS.

ALPINE



ALPINE

Haines City, FL 33844
FL COA #0 278



TC LL	20.0 PSF	REF	R8228- 25838
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078024
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEGN-	9218
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T038228201

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

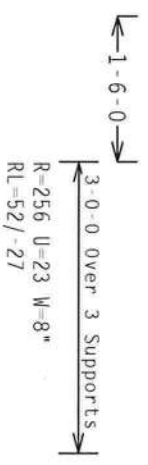
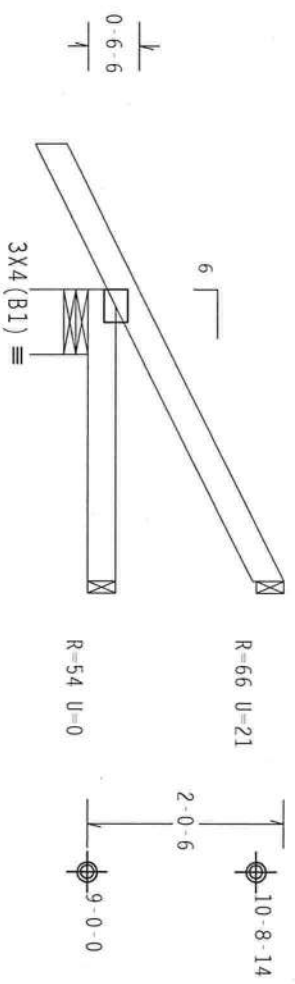
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ Gcpi(+/-)=0.18

Wind reactions based on MMFRS pressures.

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



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

8.07.00

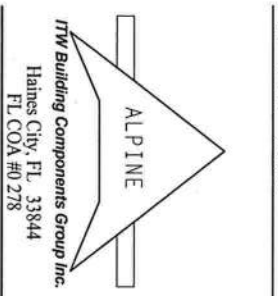
QTY: 8

FL/-/4/-/R/-

Scale = .5"/Ft.

****WARNING**** TROSSERS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG. (BUILDING COMPONENTS SAFETY INFORMATION), FURNISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH CENTRAL AVENUE, SUITE 100, CHICAGO, ILL. 60601, 312/321-1111) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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 TROSSERS, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (G4/55K) ASTM A653 GRADE 40/60 (K, K/1.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TROSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER. AS OF TPI 2002 SEC.3. A SEAL ON THIS DESIGN INDICATES THE DESIGN IS THE PROPERTY OF TPI. NO REUSE OR THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF R8228- 25839
TC DL	10.0 PSF	DATE 03/19/09
BC DL	10.0 PSF	DRW HCUSR8228 09078025
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEON- 9211
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T038228Z01

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

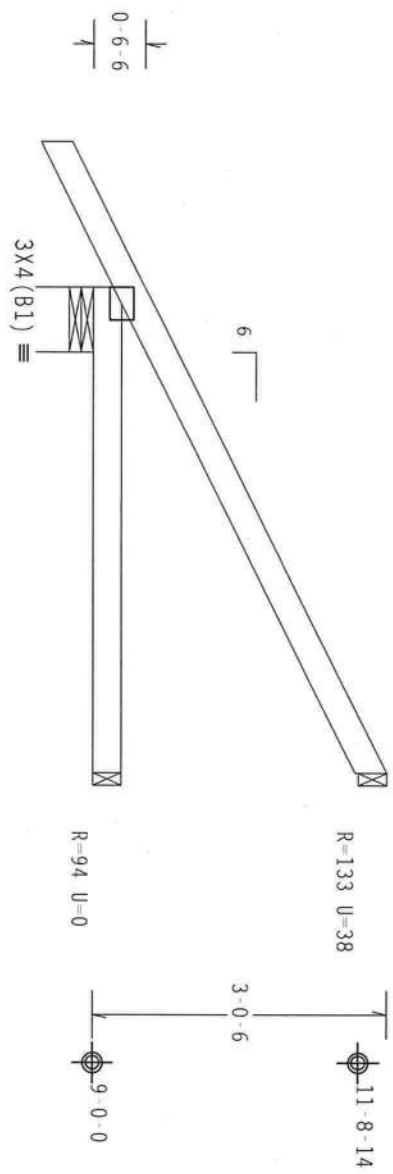
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 MMFRS pressures.

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



1-6-0' →
5-0-0' Over 3 Supports →
R=327 U=23 W=8"
RL=75/32

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

8.07.00

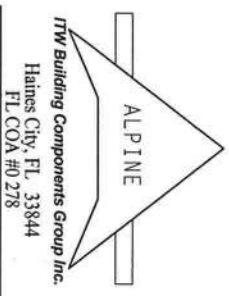
QTY: 8 FL/-/4/-/-/R/-

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DESIG (BUILDING COMPONENT SAFETY) FOR DETAILED INSTRUCTIONS. PROHIBITED BY TPI (TRUSS PLATE INSTITUTE, 2100 E. 15TH AVE., SUITE 312, ALPHARETTA, GA 30201) AND TPI (TRUSS PLATE INSTITUTE, 2100 E. 15TH AVE., SUITE 312, ALPHARETTA, GA 30201) AND TPI (TRUSS PLATE INSTITUTE, 2100 E. 15TH AVE., SUITE 312, ALPHARETTA, GA 30201). UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TPI 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 ALPINE) AND TPI. TPI REG. CONNECTOR PLATES ARE MADE OF 20/18/16GA (U/H/S/S) ASTM A653 GRADE 40/60 (M, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. THE TRUSS COMPONENT BUILDING DESIGNER PER ANNEX A3 OF TPI-2002 SEC. 2.



TC LL	20.0 PSF	REF	R0228-25840
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCSR0228 09078026
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9214
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	IT038228Z01

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

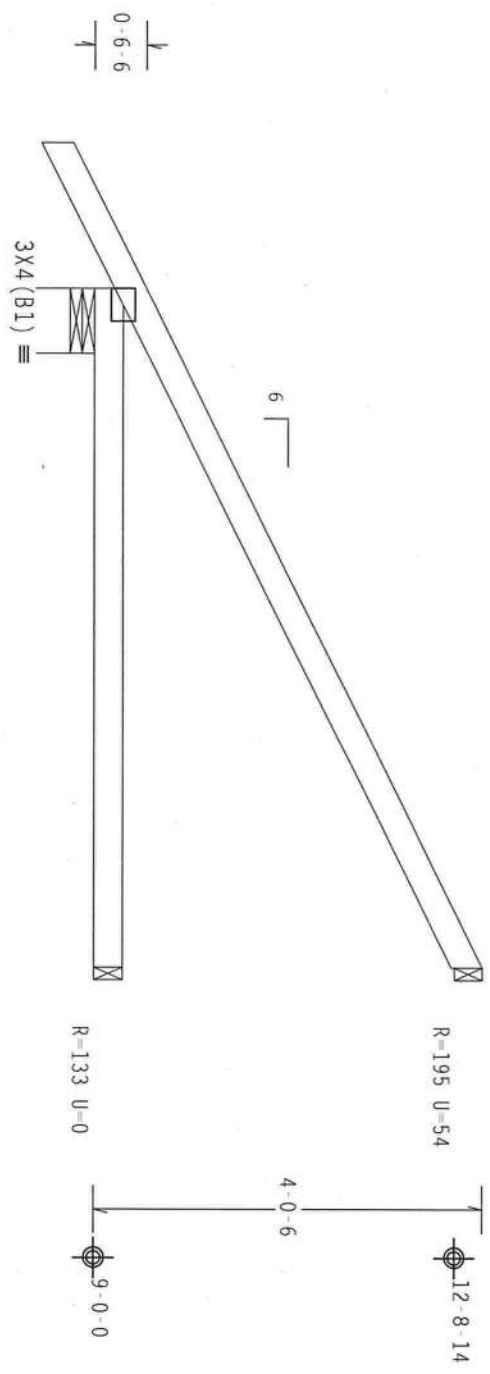
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf, $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

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



1-6-0
7-0-0 Over 3 Supports
R=404 U=23 W=8"
RL=98/-37

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

QTY: 41 FL/-/4/-/-/R/-

Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE DESIGNER'S RESPONSIBILITY IS TO PROVIDE THE TRUSS WITH THE NECESSARY INFORMATION TO THE FABRICATOR AND THE INSTALLER. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE TRUSS BEING FABRICATED TO THE DESIGNER'S REQUIREMENTS. THE INSTALLER SHALL BE RESPONSIBLE FOR THE TRUSS BEING INSTALLED TO THE DESIGNER'S REQUIREMENTS. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE TRUSS BEING FABRICATED TO THE DESIGNER'S REQUIREMENTS. THE INSTALLER SHALL BE RESPONSIBLE FOR THE TRUSS BEING INSTALLED TO THE DESIGNER'S REQUIREMENTS. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE TRUSS BEING FABRICATED TO THE DESIGNER'S REQUIREMENTS. THE INSTALLER SHALL BE RESPONSIBLE FOR THE TRUSS BEING INSTALLED TO THE DESIGNER'S REQUIREMENTS.

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



TC LL	20.0 PSF	REF R8228 - 25841
TC DL	10.0 PSF	DATE 03/19/09
BC DL	10.0 PSF	DRW HCUSR8228 09078027
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEON - 9222
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF - 1T038228201

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

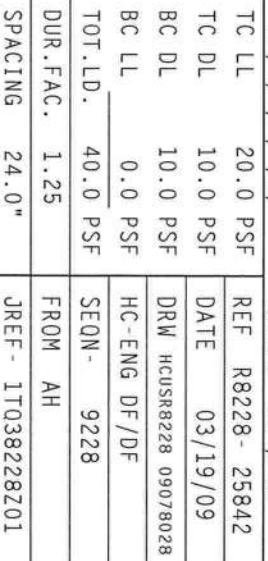


Scale = .5" / Ft.

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

DESIGN CONDITIONS AND APPLICABLE PROVISIONS OF MDX NATIONAL DESIGN SPEC., BY AREA/PA AND TPI. THE BEAM CONNECTOR PLATES ARE MADE OF 20/18/1664 (W/H/S/S/K) ASTM A653 GRADE 40/60 (0.4/H/S/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI11-2002 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.



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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. IW=1.00 GCPI (+/-)=0.55

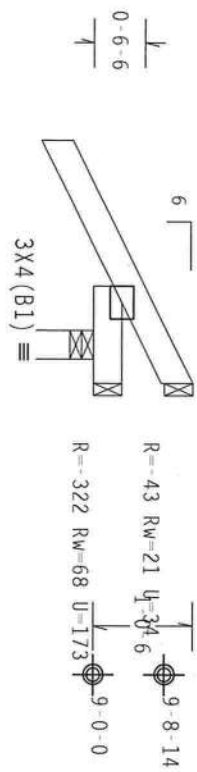
Bottom chord checked for 10.00 psf non-concurrent live load.

Negative reaction(s) of -321# MAX. (See below) from a non-wind load
case requires uplift connection.

Wind reactions based on MFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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



1-6-0-5" g
1-0-0 Over 3 Supports
R=547 U=112 W=3.5"
RL=28/-22

PLT TYP. Wave Design Crit: FBC2007Res/TP1-2002 (STD)
FT/RT=10%(0%)/0(0)

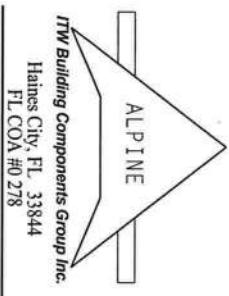
WARNING TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND ITS OFFICES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE 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/PA) AND TP1. THE BCG
CONNECTION PLATES ARE MADE OF 2018/1064 (40/55/5) ASTM A653 GRADE 40/60 (40, K/H/55) GALV. STEEL. APPLY

PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.
INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS OF TP1-2002 SEC.3. A SEAL ON THIS

ORIGINATES THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.



QTY: 5	FL/-/4/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF R8228-25843
TC DL	10.0 PSF	DATE 03/19/09
BC DL	10.0 PSF	DRW HCUR8228 09078029
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 9248
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T038228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART ENC. bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCp1 (+)=-0.55

Wind reactions based on MMFRS pressures.

Sub fascia beam assumptions: 4-6-0 sub-fascia beam on the 0-5-8 cantilever side. 4-6-0 sub-fascia beam on the 0-5-8 cantilever side.

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



	PLT TYP.	Wave
	FT/RT=10%(0%)/0(0)	
	8.07.00	QTY:1
	FL/-/4/-/-R/-	Scale = .5"/Ft.

00
0T
DOUGLAS FLEMING
LICENSE
No. 66648

1	FL/-/4/-/-/R/-	Scale = 5"/Ft.
TC LL	20.0 PSF	REF R8228- 25844
TC DL	10.0 PSF	DATE 03/19/09

No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
19

TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCSUR8228 0907803
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN -	9311
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF -	1T038228Z01

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

The following trusses need concentrated loads at the end of their overhangs: 3-0-0 span/setback member on the 0-6-4 cant side requires 36 lbs and the 3-0-0 span/setback member on the 0-6-4 cant side requires 36 lbs.

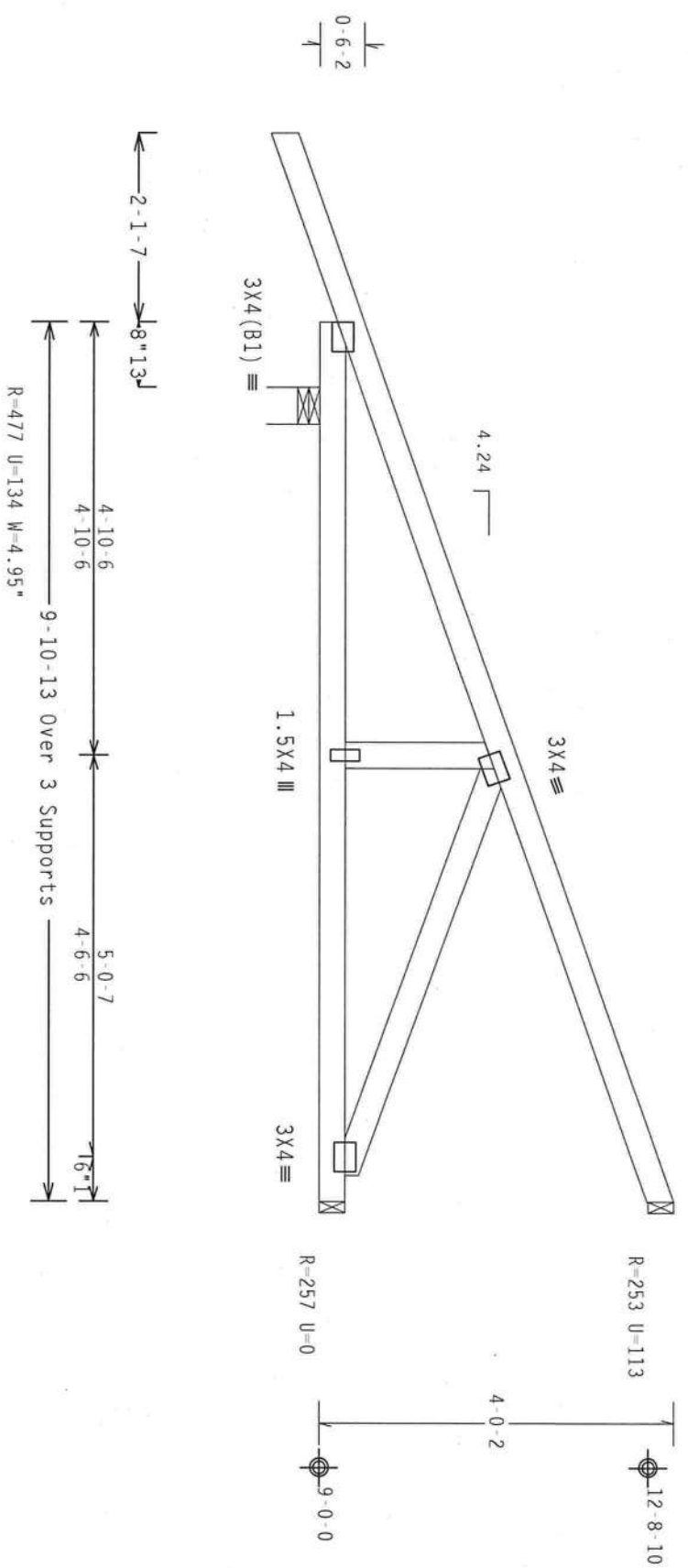
Hipjack supports 7-0-0 setback jacks with 0-6-4 cantilever one face; 0-6-4 cantilever opposite face.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC., 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(+/-)-0.55

Wind reactions based on MFRS pressures.

Sub-fascia beam assumptions: 4-6-0 sub-fascia beam on the 0-6-4 cantilever side. 4-6-0 sub-fascia beam on the 0-6-4 cantilever side.

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



PLT TYP. Wave Design Crit: FBC2007Res/TP1-2002 (STD) FT/RT=10%(0%)/0(0)

8.07.00 QTY: 1 FL/-/4/-/-/R/- Scale = .5"/ft.

****WARNING**** TRUSSES REQUIRE EXTENSIVE CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE MANUFACTURER, FOR THE PROPER INSTALLATION OF THE TRUSS. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE TRUSS IS NOT TO BE USED FOR ANY OTHER PURPOSES.

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



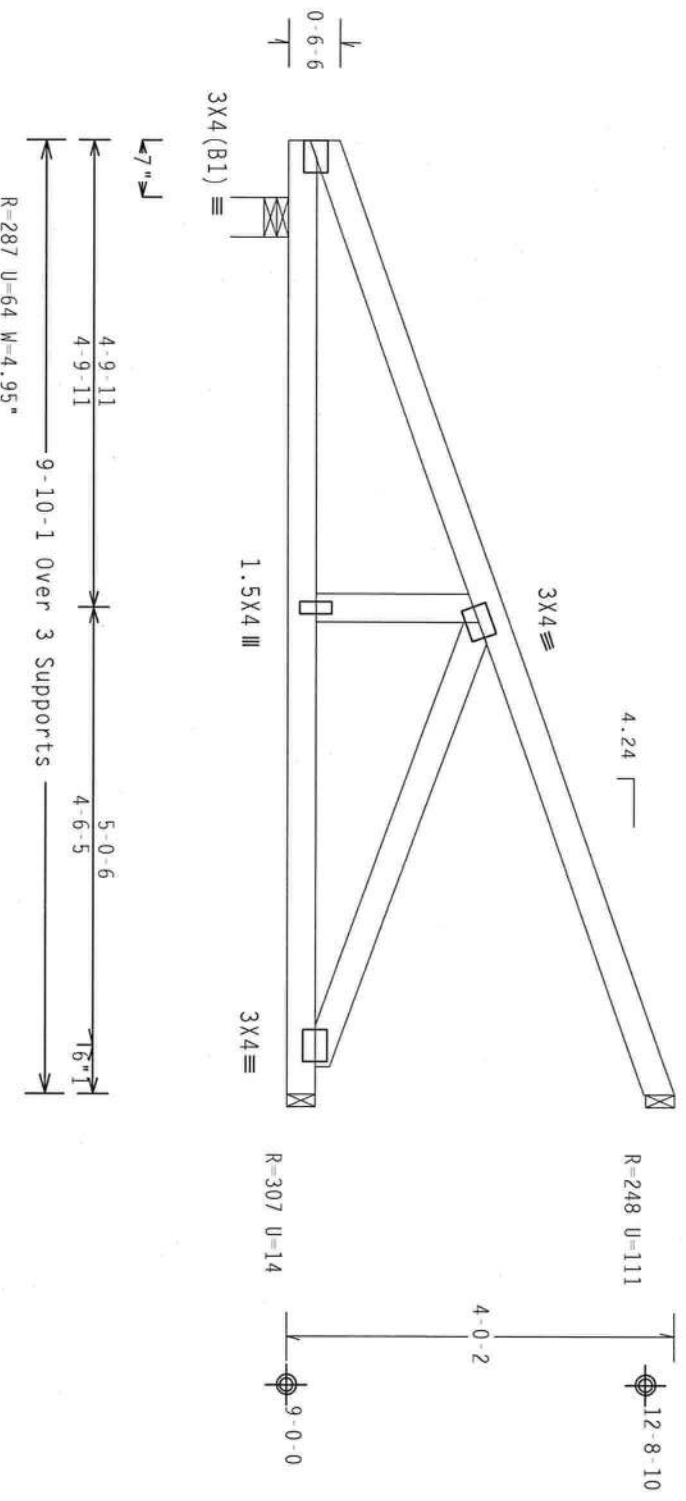
TC LL	20.0 PSF	REF R8228 - 25845
TC DL	10.0 PSF	DATE 03/19/09
BC DL	10.0 PSF	DRW HCUR8228 09078031
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEON - 9316
DUR.FAC.	1.25	FROM AH
SPACING	SEE ABOVE	JREF - 1T038228201

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

The following members need concentrated loads at the heel: 1-0-0 span/setback member on the 0-5-0 cant side requires 0 lbs and the 1-0-0 span/setback member on the 0-5-0 cant side requires 0 lbs.

Hipjack supports 6-11-8 setback jacks with 0-5-0 cantilever one face; 0-5-0 cantilever opposite face.

Wind reactions based on MFRS pressures.
Sub-fascia beam assumptions: 1-0-0 sub-fascia beam on the 0-5-0 cantilever side. 1-0-0 sub-fascia beam on the 0-5-0 cantilever side.
Deflection meets L/240 live and L/180 total load.



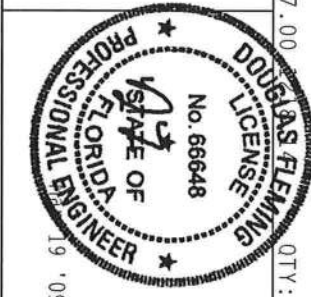
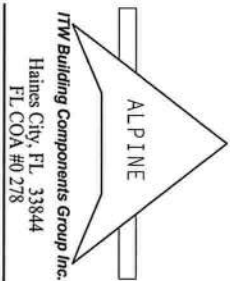
2LT TYP. Wave

Design Crit: FBC2007Res/TP1-2002 (STD)

FT/RT=10%(0%)/0(0)

8.07.00

****WARNING**** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, MARKING, INSTALLING AND BRACING. THE DESIGNER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND BRACING OF THE TRUSS.



TC LL	20.0 PSF	REF	R8228-25846
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCSR8228 09078032
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEON-	9330
DUR. FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T038228Z01

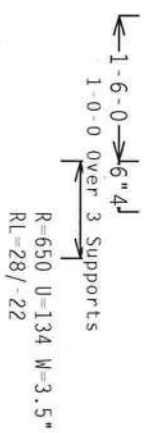


TC LL	20.0 PSF	REF	R8228- 25847
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCU5R8228 09078033
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SECN-	9321
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF -	1TQ38228201

Negative reaction(s) of -423# MAX. (See below) from a non-wind load case requires uplift connection.

Wind reactions based on MMFRS pressures.
Roof overhang supports 2.00 psf soffit load

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



Scale = .5"/Ft.



REF	R8228 - 25848
DATE	03/19/09

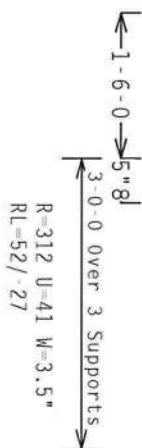
ITW Building Components Group Inc.

Haines City, FL 33844
FL COA #0 278

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART ENC. bldg, located anywhere in roof, CAT 1L, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI(+/-)=0.55

Wind reactions based on MWRFS pressures.

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



Scale = .5"/Ft.

7.00
DOUGLAS FLEMING
LICENSE
No. 66648
QTY



ALPINE

[illegible]

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

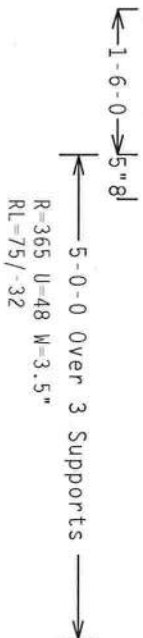
TC LL	20.0 PSF	REF	R8228-25849
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 090780
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	9257
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1T038228Z01

REF	R8228-25849
DATE	03/19/09
DRW	HCUSR8228 090780
HC-ENG	DF/DF
SEON-	9257
FROM	AH
JREF-	1T038228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.55

Wind reactions based on MMFRS pressures.

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

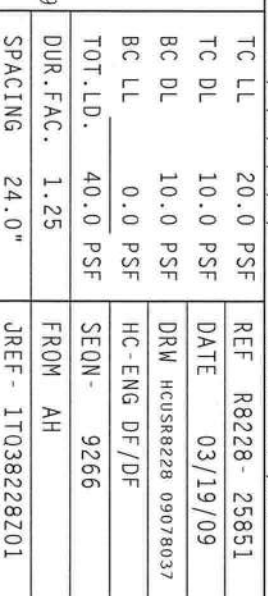


Scale = .5"/Ft.

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



ITW Building Components Group Inc.
 Haimes City, FL 33844
 FL COA #0 278



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

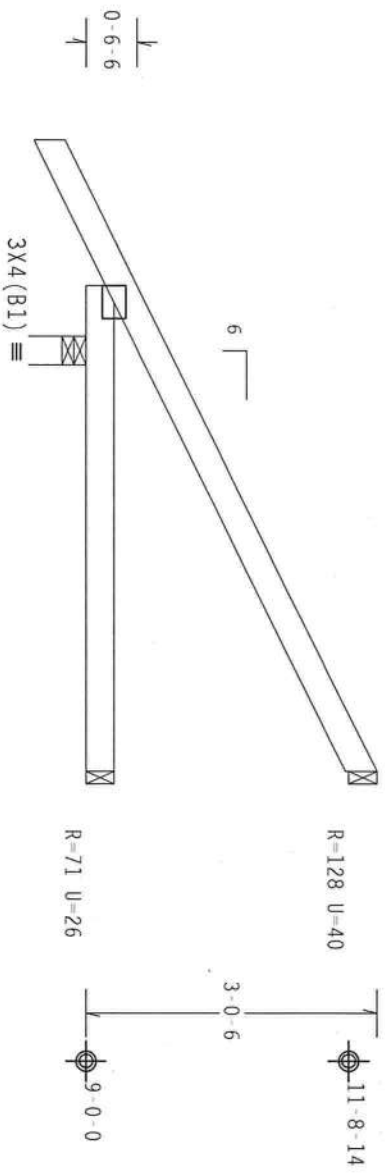
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCPI(+/-)=0.55

Wind reactions based on MMFRS pressures.

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



←1-6-0→6"4J
5-0-0 Over 3 Supports
R=371 U=47 W=3.5"
RL=75/-32

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY:1

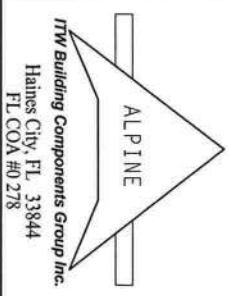
FL/-/4/-/-/R/-

Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. FAILURE TO BRACE (INCLUDING CORRELATING WITH THE INFORMATION, INCLUDING THE TRUSS PLATE INSTRUCTIONS, 2000 EDITION, 10/15/02, (SAY19) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED FOR GOOD 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 BOB (NATIONAL DESIGN SPEC. BY AREA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 2018/166A (W.H/SS/P) ASTM A653 GRADE 40/60 (H, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEK A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN AND NOT THE SAFETY OF THE TRUSS OR THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 25852
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078038
BC LL	0.0 PSF	HC-ENG DF/DF	
TOT. LD.	40.0 PSF	SEQN-	9272
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCPI(+/-)=0.55

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

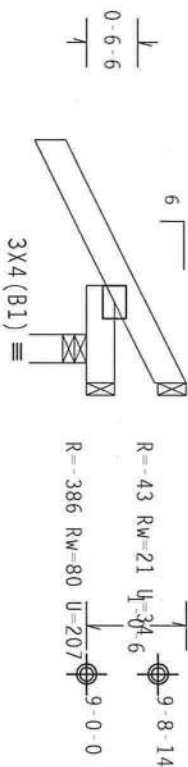
Provide (2)16d (0.162"x3.5") nails toe-nailed at top chord.
Provide (3)16d (0.162"x3.5") nails toe-nailed at bottom chord.

Negative reaction(s) of -385# MAX. (See below) from a non-wind load case requires uplift connection.

Wind reactions based on MMFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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



1'-6" 0'-0" 0'-0" 6"

Over 3 Supports

R=611 U=126 W=3.5"

RL=28/-22

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY:1

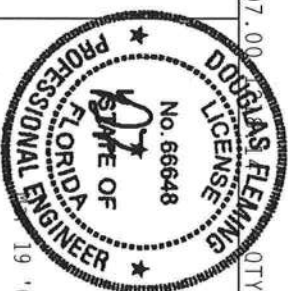
FL/-/4/-/-/R/-/-

Scale = .5" / Ft.

WARNING THESE BUILDING EXTERIOR CANE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRIVING REELED TO DECEIT (FOULING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE FIBROS PAPER INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND MICA (WOOD) TRUSS COUNCIL OF AMERICA, 65000 ENTERPRISE LANE, MIDDLEBORO, MA 01501 (978) 937-0199 FOR SAFETY PRACTICES PLEASE TO PERFORMING THESE OPERATIONS. UNLESS OTHERWISE INDICATED THE GOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING.

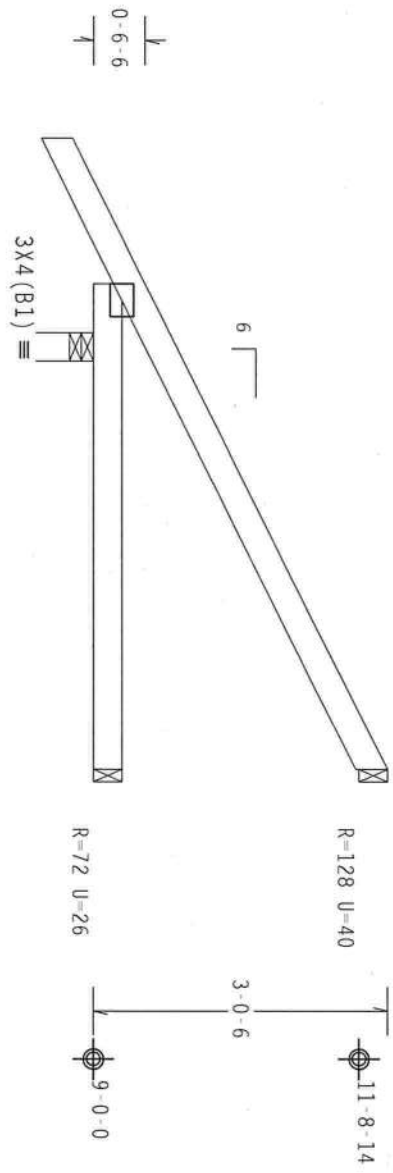
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, THE BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TROUS IN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BACKING OF TROUSERS.

DESIGN CODES FOR THE APPLICATION OF MODERATE STRESS LEVELS OF MATERIALS AND THE APPLICATION OF STRESS CONCENTRATION FACTORS TO THE DESIGN OF CONNECTIONS. THE DESIGN OF CONNECTIONS TO STEEL PLATES TO EACH FACE OF THUSMS AND, UNLESS OTHERWISE LOCATED ON THE CONNECTION, POSITION PER DRAWINGS 1606-2, 1606-3, 1606-4, 1606-5, 1606-6, 1606-7, 1606-8, 1606-9, 1606-10, 1606-11, 1606-12, 1606-13, 1606-14, 1606-15, 1606-16, 1606-17, 1606-18, 1606-19, 1606-20, 1606-21, 1606-22, 1606-23, 1606-24, 1606-25, 1606-26, 1606-27, 1606-28, 1606-29, 1606-30, 1606-31, 1606-32, 1606-33, 1606-34, 1606-35, 1606-36, 1606-37, 1606-38, 1606-39, 1606-40, 1606-41, 1606-42, 1606-43, 1606-44, 1606-45, 1606-46, 1606-47, 1606-48, 1606-49, 1606-50, 1606-51, 1606-52, 1606-53, 1606-54, 1606-55, 1606-56, 1606-57, 1606-58, 1606-59, 1606-60, 1606-61, 1606-62, 1606-63, 1606-64, 1606-65, 1606-66, 1606-67, 1606-68, 1606-69, 1606-70, 1606-71, 1606-72, 1606-73, 1606-74, 1606-75, 1606-76, 1606-77, 1606-78, 1606-79, 1606-80, 1606-81, 1606-82, 1606-83, 1606-84, 1606-85, 1606-86, 1606-87, 1606-88, 1606-89, 1606-90, 1606-91, 1606-92, 1606-93, 1606-94, 1606-95, 1606-96, 1606-97, 1606-98, 1606-99, 1606-100, 1606-101, 1606-102, 1606-103, 1606-104, 1606-105, 1606-106, 1606-107, 1606-108, 1606-109, 1606-110, 1606-111, 1606-112, 1606-113, 1606-114, 1606-115, 1606-116, 1606-117, 1606-118, 1606-119, 1606-120, 1606-121, 1606-122, 1606-123, 1606-124, 1606-125, 1606-126, 1606-127, 1606-128, 1606-129, 1606-130, 1606-131, 1606-132, 1606-133, 1606-134, 1606-135, 1606-136, 1606-137, 1606-138, 1606-139, 1606-140, 1606-141, 1606-142, 1606-143, 1606-144, 1606-145, 1606-146, 1606-147, 1606-148, 1606-149, 1606-150, 1606-151, 1606-152, 1606-153, 1606-154, 1606-155, 1606-156, 1606-157, 1606-158, 1606-159, 1606-160, 1606-161, 1606-162, 1606-163, 1606-164, 1606-165, 1606-166, 1606-167, 1606-168, 1606-169, 1606-170, 1606-171, 1606-172, 1606-173, 1606-174, 1606-175, 1606-176, 1606-177, 1606-178, 1606-179, 1606-180, 1606-181, 1606-182, 1606-183, 1606-184, 1606-185, 1606-186, 1606-187, 1606-188, 1606-189, 1606-190, 1606-191, 1606-192, 1606-193, 1606-194, 1606-195, 1606-196, 1606-197, 1606-198, 1606-199, 1606-200, 1606-201, 1606-202, 1606-203, 1606-204, 1606-205, 1606-206, 1606-207, 1606-208, 1606-209, 1606-210, 1606-211, 1606-212, 1606-213, 1606-214, 1606-215, 1606-216, 1606-217, 1606-218, 1606-219, 1606-220, 1606-221, 1606-222, 1606-223, 1606-224, 1606-225, 1606-226, 1606-227, 1606-228, 1606-229, 1606-230, 1606-231, 1606-232, 1606-233, 1606-234, 1606-235, 1606-236, 1606-237, 1606-238, 1606-239, 1606-240, 1606-241, 1606-242, 1606-243, 1606-244, 1606-245, 1606-246, 1606-247, 1606-248, 1606-249, 1606-250, 1606-251, 1606-252, 1606-253, 1606-254, 1606-255, 1606-256, 1606-257, 1606-258, 1606-259, 1606-260, 1606-261, 1606-262, 1606-263, 1606-264, 1606-265, 1606-266, 1606-267, 1606-268, 1606-269, 1606-270, 1606-271, 1606-272, 1606-273, 1606-274, 1606-275, 1606-276, 1606-277, 1606-278, 1606-279, 1606-280, 1606-281, 1606-282, 1606-283, 1606-284, 1606-285, 1606-286, 1606-287, 1606-288, 1606-289, 1606-290, 1606-291, 1606-292, 1606-293, 1606-294, 1606-295, 1606-296, 1606-297, 1606-298, 1606-299, 1606-300, 1606-301, 1606-302, 1606-303, 1606-304, 1606-305, 1606-306, 1606-307, 1606-308, 1606-309, 1606-310, 1606-311, 1606-312, 1606-313, 1606-314, 1606-315, 1606-316, 1606-317, 1606-318, 1606-319, 1606-320, 1606-321, 1606-322, 1606-323, 1606-324, 1606-325, 1606-326, 1606-327, 1606-328, 1606-329, 1606-330, 1606-331, 1606-332, 1606-333, 1606-334, 1606-335, 1606-336, 1606-337, 1606-338, 1606-339, 1606-340, 1606-341, 1606-342, 1606-343, 1606-344, 1606-345, 1606-346, 1606-347, 1606-348, 1606-349, 1606-350, 1606-351, 1606-352, 1606-353, 1606-354, 1606-355, 1606-356, 1606-357, 1606-358, 1606-359, 1606-360, 1606-361, 1606-362, 1606-363, 1606-364, 1606-365, 1606-366, 1606-367, 1606-368, 1606-369, 1606-370, 1606-371, 1606-372, 1606-373, 1606-374, 1606-375, 1606-376, 1606-377, 1606-378, 1606-379, 1606-380, 1606-381, 1606-382, 1606-383, 1606-384, 1606-385, 1606-386, 1606-387, 1606-388, 1606-389, 1606-390, 1606-391, 1606-392, 1606-393, 1606-394, 1606-395, 1606-396, 1606-397, 1606-398, 1606-399, 1606-400, 1606-401, 1606-402, 1606-403, 1606-404, 1606-405, 1606-406, 1606-407, 1606-408, 1606-409, 1606-410, 1606-411, 1606-412, 1606-413, 1606-414, 1



TC LL	20.0 PSF	REF	R8228- 25853
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078039
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEON-	9275
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228201

110 mph wind; 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. $I_w=1.00$ GCPI(+/-)=0.55

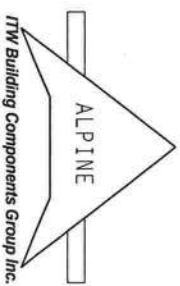
PLT TYP. WaveDesign Crit: FBC2007Res/TP1-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY:1

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

Scale = .5" / Ft.



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278



TC LL	20.0 PSF	REF	R8228- 25855
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCSRS8228 09078041
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9281
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF -	1TQ38228Z01

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, located anywhere in roof, CAT II, Exp B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ Gcpi (+/-)=0.55

Wind reactions based on MMFRS pressures.

Wind reactions based on MMFRS pressures.

Scale = .5" / Ft.



DOUGLAS FLEMING
LICENSE
No. 66648



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FLCOA #0278

TC LL	20.0 PSF	REF	R8228- 25856
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCSR8228 09078042
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9284
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TQ38228Z01

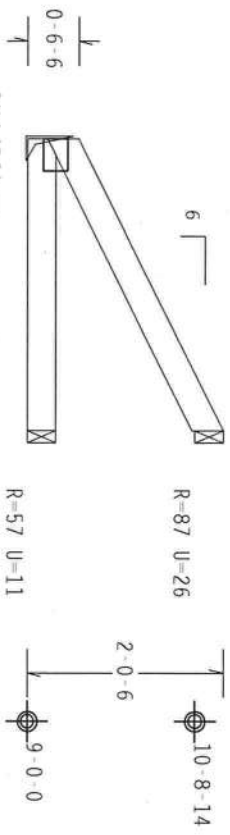
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg. located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.55

Wind reactions based on MMFRS pressures.



3'-0-0 Over 3 Supports
R=127 U=15
RL=34

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

QTY:1

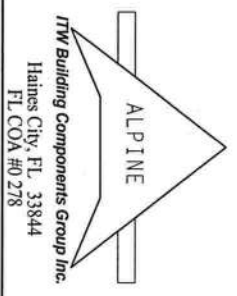
FL/-/4/-/-/R/-

Scale = .5"/Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WFO AND WFOA TRUSS CONNECTIONS OF AMERICA, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/DA) AND TPI1. ITW BCG PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1608-2. CONNECTIONS OF PLATES TO TRUSS AT (1) SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 13th EDITION, 2005. A SEAL ON THIS DRAWING INDICATES THE DESIGNER'S PROFESSIONAL RESPONSIBILITY. SIGNED FOR THE TRUSS COMPONENT DESIGNER. THE SUFFICIENCY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AHS/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228 - 25857
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078043
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	9288
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228201

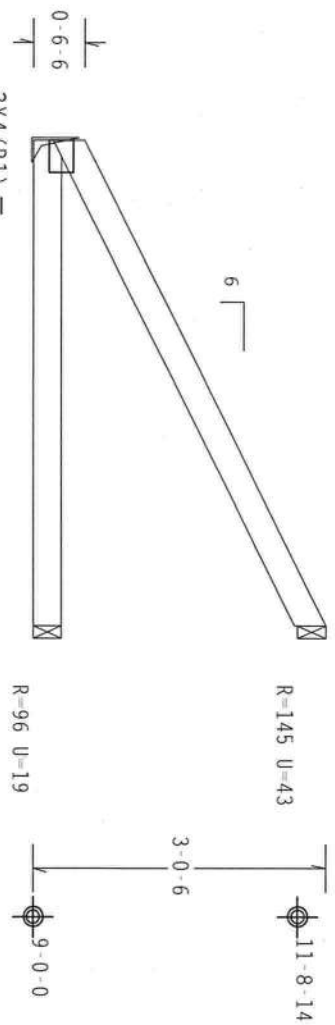
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. 1w=1.00 GCPI (+/-) =0.55

Wind reactions based on MMFRS pressures.



5-0-0 Over 3 Supports
R=209 U=28
RL=57

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

8.07.00

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

Scale =.5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES FOR TRUSS FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. 218

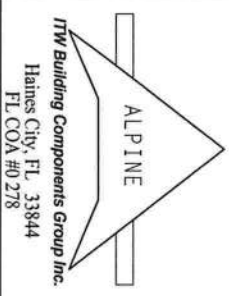
****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN COMPLIANCE WITH

THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN COMPLIANCE WITH

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THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE OF THE TRUSS IN COMPLIANCE WITH



TC LL	20.0 PSF	REF	R8228-25858
TC DL	10.0 PSF	DATE	03/19/09
BC DL	10.0 PSF	DRW	HCUSR8228 09078044
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT. LD.	40.0 PSF	SEQN-	9292
DUR. FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T038228201

Permit #

27985

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: ITUD8228Z0120141803

Truss Fabricator: Anderson Truss Company
 Job Identification: 9-070--Freeman Design Group Hudson -- , **
 Truss Count: 55
 Model Code: Florida Building Code 2007 and 2009 Supplement
 Truss Criteria: FBC2007Res/TPI-2002(STD)
 Engineering Software: Alpine Software, Versions 8.07, 9.02.
 Structural Engineer of Record: The identity of the structural EOR did not exist as of
 the seal date per section 61G15-31.003(5a) of the FAC
 Address:
 Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
 Floor - N/A
 Wind - 110 MPH ASCE 7-05 -Closed

[Handwritten Signature]

Notes:

Seal Date: 08/20/2009

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

-Truss Design Engineer-

Doug Fleming

Florida License Number: 66648

1950 Marley Drive

Haines City, FL 33844

Details: BRCLBSUB-PB120-

#	Ref	Description	Drawing#	Date
1	19871--H7A		09232001	08/20/09
2	19872--H7AA		09232006	08/20/09
3	19873--H9A		09232031	08/20/09
4	19874--H9AA		09232007	08/20/09
5	19875--H11A		09232041	08/20/09
6	19876--H11AA		09232008	08/20/09
7	19877--H13AA		09232009	08/20/09
8	19878--H15AA		09232010	08/20/09
9	19879--H17AA		09232011	08/20/09
10	19880--H19A		09232050	08/20/09
11	19881--H19AA		09232013	08/20/09
12	19882--H21A		09232015	08/20/09
13	19883--H21AA		09232002	08/20/09
14	19884--A1		09232003	08/20/09
15	19885--A2		09232004	08/20/09
16	19886--A3		09232005	08/20/09
17	19887--H17A		09232005	08/20/09
18	19888--H13A		09232004	08/20/09
19	19889--H15A		09232001	08/20/09
20	19890--H7B		09232014	08/20/09
21	19891--H9B		09232040	08/20/09
22	19892--H11B		09232042	08/20/09
23	19893--C2-GDR		09232020	08/20/09
24	19894--C1		09232012	08/20/09
25	19895--J1		09232046	08/20/09
26	19896--HJ7		09232043	08/20/09
27	19897--J3		09232045	08/20/09
28	19898--J5		09232044	08/20/09
29	19899--EJ7		09232027	08/20/09
30	19900--EJ7A		09232047	08/20/09
31	19901--J1A		09232021	08/20/09
32	19902--HJ7A		09232017	08/20/09
33	19903--HJ7B		09232022	08/20/09
34	19904--HJ7D		09232030	08/20/09
35	19905--HJ7C		09232034	08/20/09
36	19906--J1B		09232025	08/20/09

#	Ref	Description	Drawing#	Date
37	19907--J3A		09232019	08/20/09
38	19908--J3B		09232024	08/20/09
39	19909--J5A		09232018	08/20/09
40	19910--J5B		09232023	08/20/09
41	19911--J1C		09232037	08/20/09
42	19912--J3C		09232036	08/20/09
43	19913--J5C		09232035	08/20/09
44	19914--J1D		09232033	08/20/09
45	19915--J3D		09232032	08/20/09
46	19916--J5D		09232029	08/20/09
47	19917--EJ7B		09232026	08/20/09
48	19918--EJ7C		09232028	08/20/09
49	19919--EJ7D		09232039	08/20/09
50	19920--EJ7E		09232038	08/20/09
51	19921--M2		09232002	08/20/09
52	19922--M1		09232003	08/20/09
53	19923--PB1		09232048	08/20/09
54	19924--PB2		09232016	08/20/09
55	19925--PB3		09232049	08/20/09





PAGE NO:
1 OF 1

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

2 COMPLETE TRUSSES REQUIRED

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

Wind reactions based on MWFRS pressures.

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

Left side jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-5-8 cant and 1-6-0 overhang.

Negative reaction(s) of -549# MAX. (See below) from a non-wind load ** case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC. bldg. Located anywhere in roof; CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

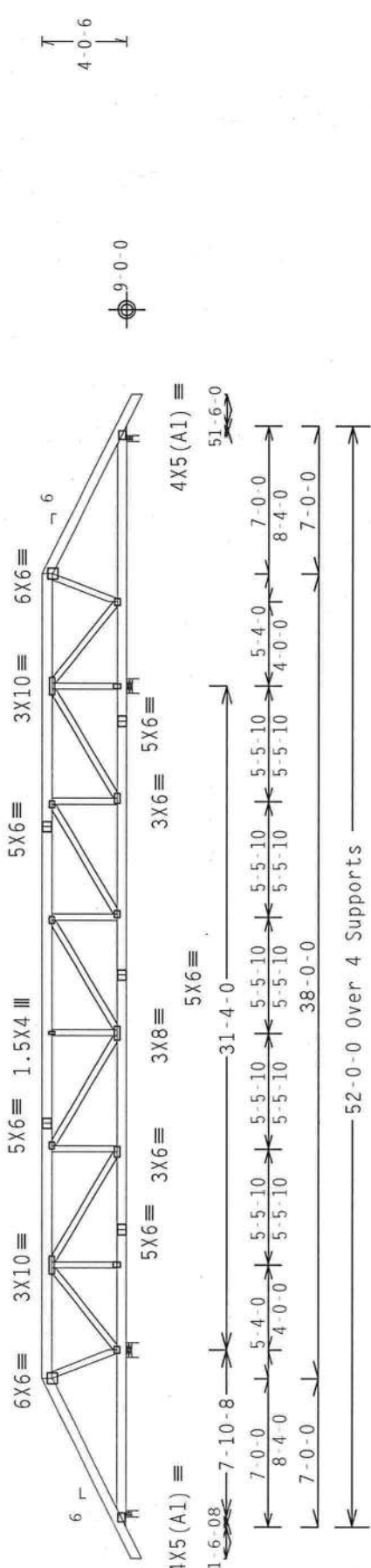
Roof overhang supports 2.00 psf soffit load.

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

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

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

TRUSS MAY NOT BE INSTALLED END FOR END.



** R=549 Rw=93 U=0 W=3.5"
R=4657 U=1008 W=8"

R=4455 U=958 W=8"
R=288 U=92 W=3.5"

Note: All Plates Are 3x4 Except As Shown.
Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave QTY:1 FL/-/4/-/R/- Scale =.125"/Ft.

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), 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACPA) AND TPI. 1TW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-H/SS/S) ASTM A653 GRADE 40/60 (4, 8/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL OR THIS INSPECTION INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER. THIS COMPONENT IS THE PROPERTY OF ITW BUILDING COMPONENTS GROUP INC. A SEAL OR THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FLC0000078



TC LL	20.0 PSF	REF	R8228- 19872
TC DL	10.0 PSF	DATE	08/20/09
BC DL	10.0 PSF	DRW	HCUSR8228 09232006
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9354
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TUD8228Z01

	Top chord	2x6	SP #2
	Bot chord	2x6	SP #2
	webs	2x4	SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, $I_w=1.00$ $G_{CPI}(+/-)=0.55$

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

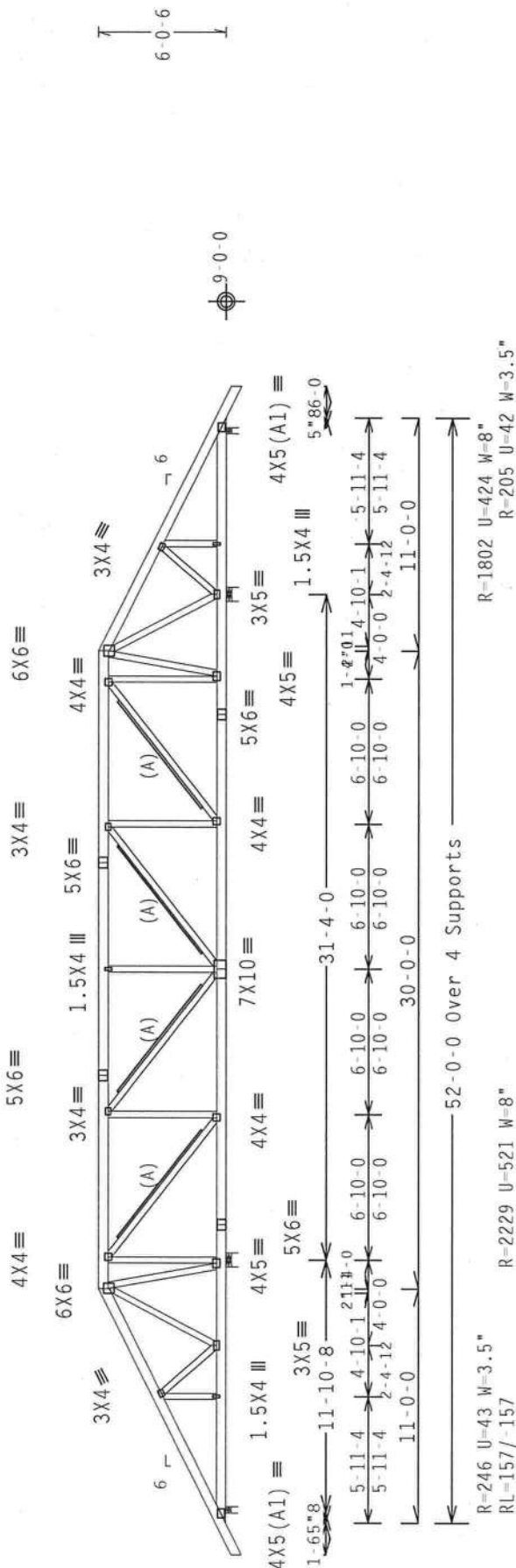
(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5".min.) nails @ 6" OC.

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

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

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

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



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

010

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

Scale = .125"/Ft.

HARRING THUSSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (CRUSS PLATE INSTITUTE, 2100 ENTERPRISE LANE, WOODBRIDGE, ONTARIO L4B 3N2, CANADA) FOR ALL PRECAUTIONS TO BE OBSERVED. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID JOINTS.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT SPECIFIED ON THE NORTH LEG STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND METCO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, WOODSIDE, AL 53219. YOU MUST 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. ITC, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE ITCI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING SPEC. (BY AFPA) AND TPI. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AFPA) AND TPI. STEEL, APPLY CONNECTOR PLATES ARE MADE OF 20/18/17/6GA (W/JMS/53) ASTM A653 GRADE 40/40 (W, K/JH/55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE 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 USER.



ITW Building Components Group Inc.
Haines City, FL 33844
FL 33844-78

Building Components Group
Haines City, FL 33844

DUR.FAC.	1.25	FROM AH
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110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART 1, ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

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

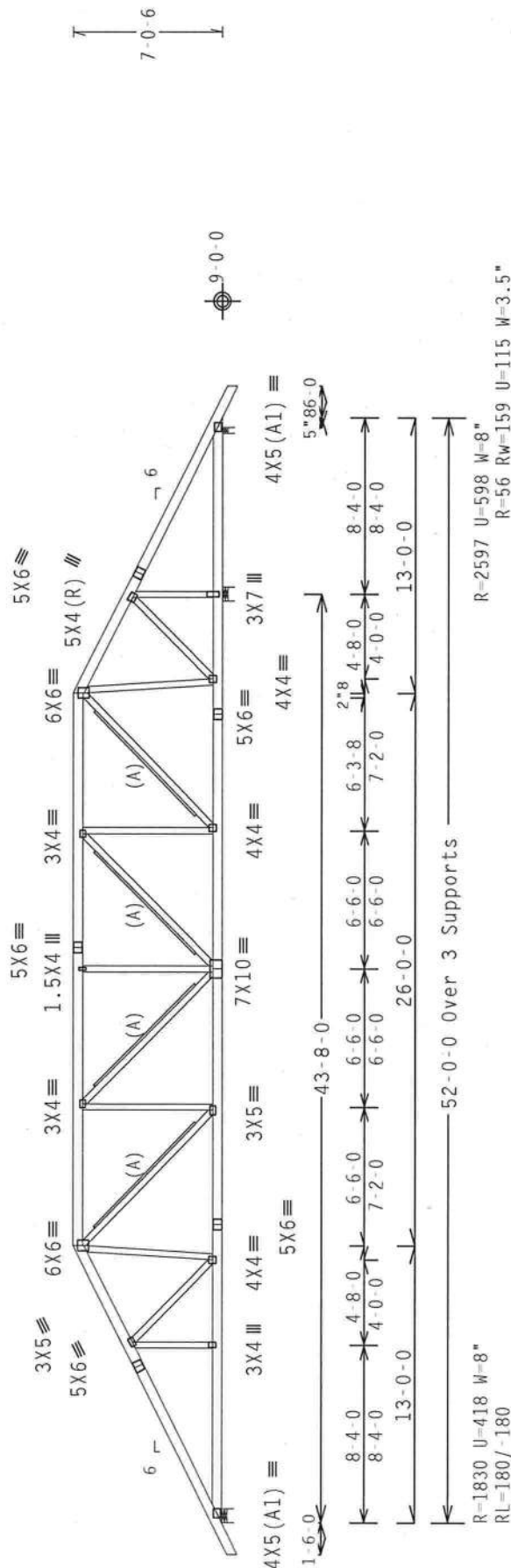
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

8.07.00

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

Scale = 125"/Ft.

[illegible]

*****IMPORTANT***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TTM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TROUSS IN CONFORMANCE WITH THE DESIGNER'S DRAWINGS, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: TROUSS, TROUSS CONNECTORS, TROUSS DESIGNER CHANGES WITHIN THE TROUSS, TROUSS CONNECTOR PLATES, TROUSS CONNECTOR PLATES MADE OF 20/10/16GA. OR 18/5/25/PT. ASTM A653 GRADE 40/60, 1/4" X 1/2" GALV. STEEL, APPLY PLATES TO EACH FACE OF TROUSS AND, WITHOUT EXCEPTION, LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1). SHALL BE PER AMER X 4 OF TP11-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROUSS COMPONENT DESIGN SHOWN. THE SUBMITTER AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER A541/TP1 1 SEC. 2.



ITW Building Components Group Inc.
Haines City, FL 33844
FL 888.666.278

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

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

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

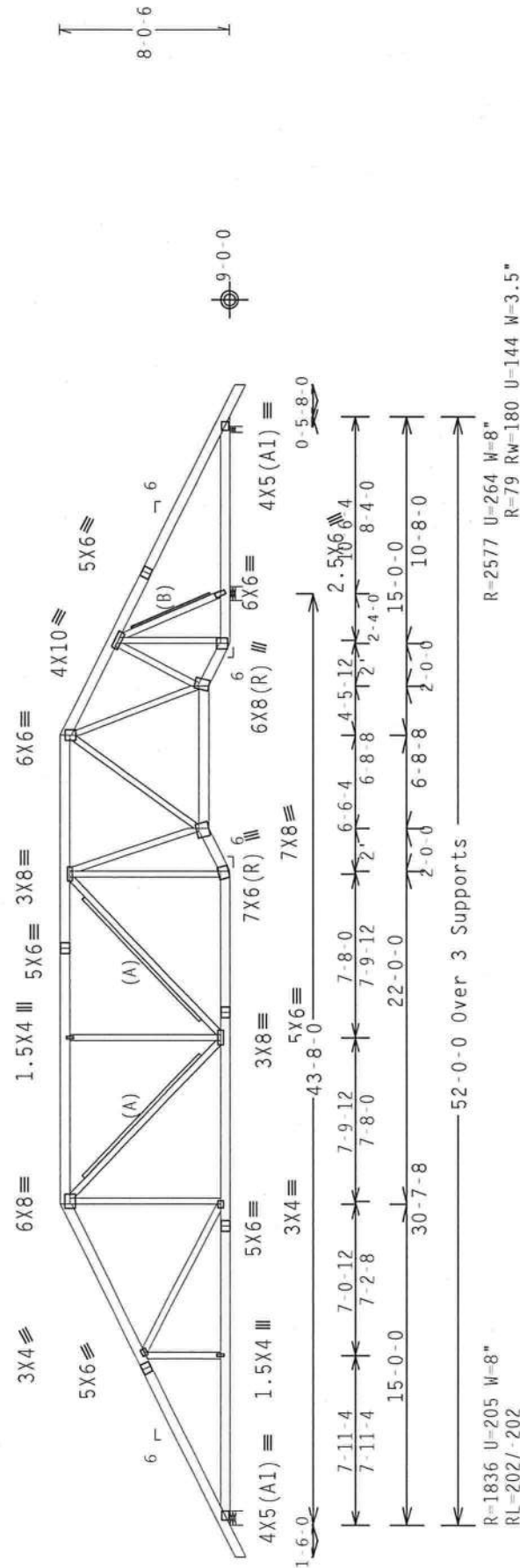
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Wind reactions based on MWFRS pressures.

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

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

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



R=1836 U=205 W=8"
RL=202 / -202

R=2577 U=264 W=8"
R=79 RW=180 U=144 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave

8.07.00

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

Scale = .125"/Ft.

WARNING: THUSSE'S REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING JOISTS. JOISTS MUST BE PROPERLY SUPPORTED AT ALL JOINTS. NORTH LEE STREET, SUITE 3102, ALEXANDRIA, VA 22314) AND MICHAEL THUSSE, COUNCIL OF AMERICA, 5300 CHURCH LANE, SUITE 5100, #1, 532719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

[illegible]

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, INSTALLING, SHIPPIING, UNLOADING AND BRACING. (SEE PAGES 25-26) PROPERLY BRACING TRUSSES BY THE FOLLOWING METHODS IS ESSENTIAL TO THE STABILITY OF THE TRUSS. NORTH LANE STREET, SUITE 312, ALEXANDRIA, VA. 22314 AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, AL 35719) FOR TRUSS 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. ITC BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TYPE OR FABRICATING, MANUFACTURING, SHIPPING, INSTALLING OR BRACING OF TRUSSES.

DESIGN COMPATIBLES WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.) DESIGN CONNECTION PLATES ARE MADE OF 20X18X16GA (0.075) ASTM A653 GRADE 50 (K74/S5) GALV. STEEL. APPLICABLE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 1600-2. UNLESS OTHERWISE INDICATED, ALL TRUSS MEMBERS SHALL BE 2X6 S4S (SOUTH PLANK PER DRAWING 1600-2).

LOADING CONDITIONS: ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE STABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TPI 1, SEC. 2.



TC 11	20.0 PSE
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FF 88228- 19878

TC	DI	10	0	DCI
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00100100	211
01001001	17

10.0 PSF

AIE 08/20/09

BC DL 10.0 PSF

RW HCUSR8228

BC LL 0.0 PSF

C-ENG DF/DF

TOT.LD. 40.0 PSF

FON-

DIP FAC 1 OF

111

DUR. FAC. 1.25

KUM	AH
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SPACING 24.0"

REF-1TU

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FLC 78

Top	chord	2x6	SP	#2
Bot	chord	2x6	SP	#2
	webs	2x4	SP	#3

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpi(+/-)-0.55

Roof overhang supports 2.00 psf soffit load.

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

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

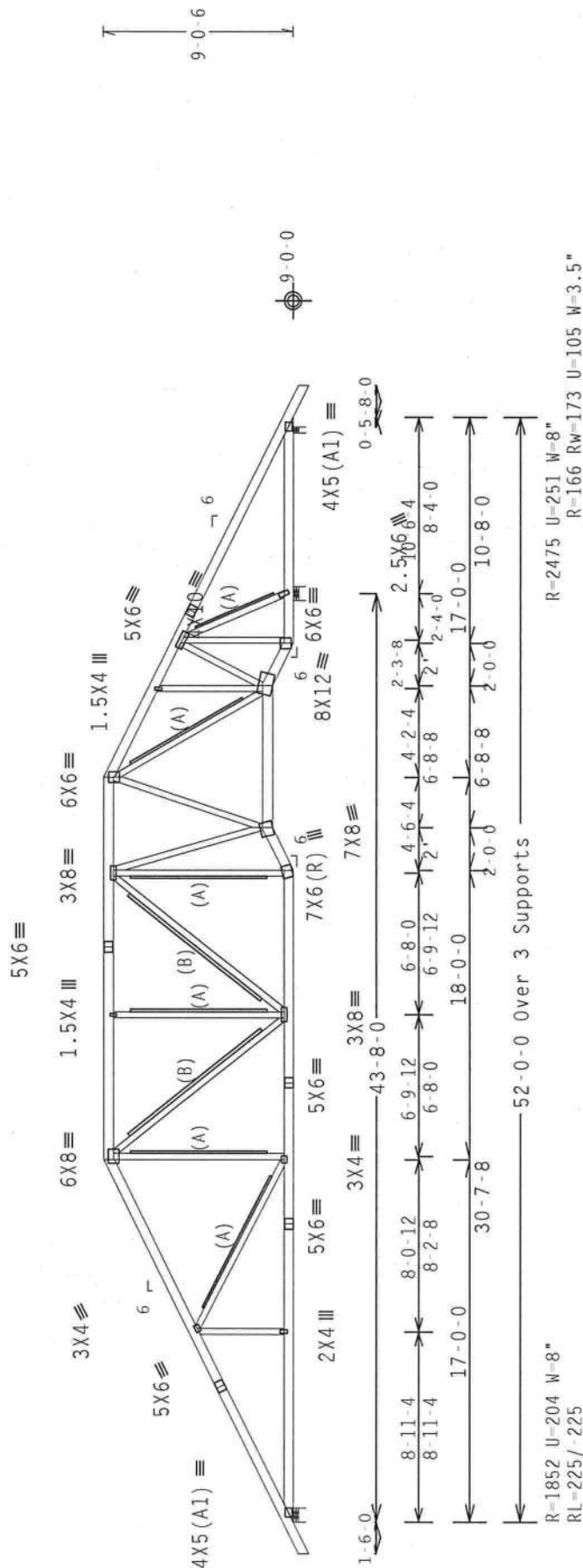
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Wind reactions based on MWFRS pressures.

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

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

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



R=1852 U=204 W=8"
RL=225/-225

R=2475 U=251 W=8"
R=1666 RW=173 U=105 W=3.5"

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

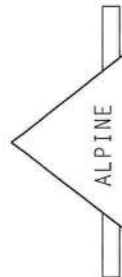
8.07.00

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

Scale = .125"/Ft.



*WARNING** TRUSSES REQUIRE EXTREME CARE IN ASSEMBLY, HANDLING, SHIPPING, DESTACKING AND BRACING. REFER TO THE FOLLOWING INFORMATION, PUBLISHED BY THE TRUSS PULPIT INSTITUTE, 210 WEST STREET, ALBANY, NEW YORK 12208, FOR THE PROPER TRUSS COMPANY, TRUSS TYPE, TRUSS SIZE, TRUSS SPACING, TRUSS ELEVATION, LANE, ROADWAY, AND TRUCK WEIGHTS TO PERFORM THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORDS.

[illegible]

ITW Building Components Group Inc.

Haines City, FL 33844

James City, FL 338
FL 338, "0-278

REF- 1TUD8228Z01

	Top	chord	2x6	SP	#2
	Bot	chord	2x6	SP	#2
		webs	2x4	SP	#3

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

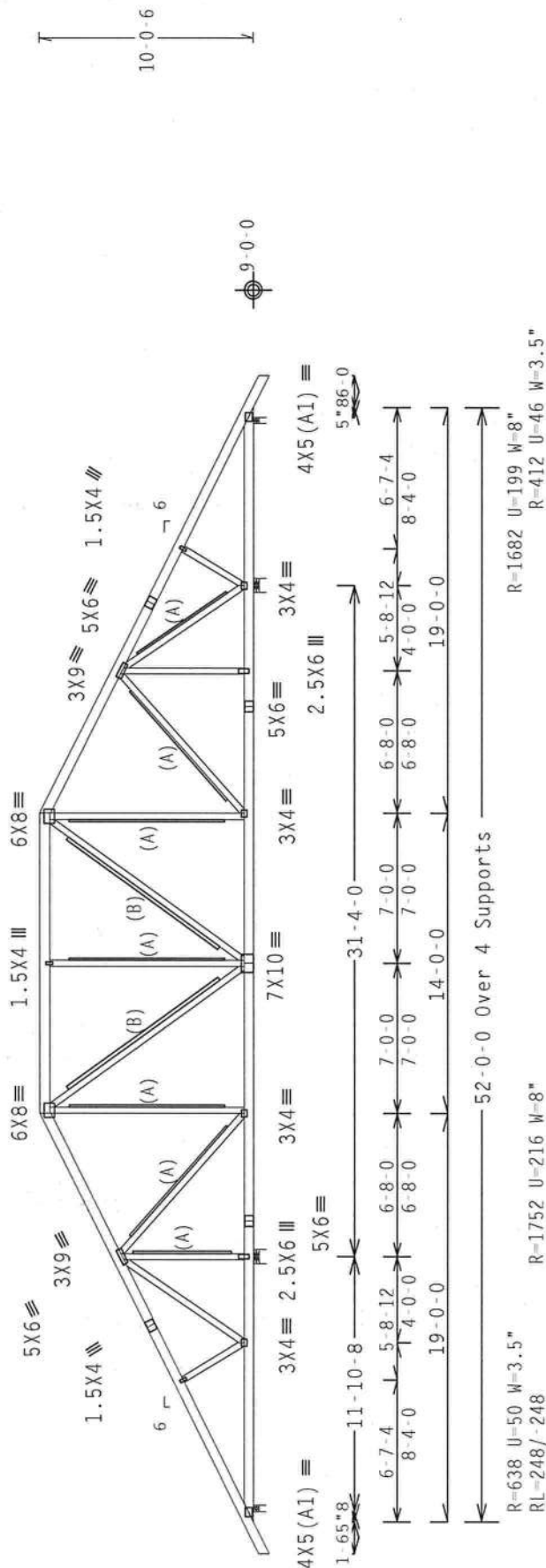
(B) 2x6 #3 or better "I" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5".min.) nails @ 6" OC.

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

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

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

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



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

00

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

Scale = .125"/Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. RETURN TO BEST AVAILABLE COMMERCE SAFETY INFORMATION. PUBLISHED BY TPI (THUSS PLATE INSTALLATION), 210 ENTERPRISE TAIL, 40015504, 52719, 501 SAFETY CIRCLES, PERU, INDIANA, U.S.A. CANADA, U.S.A. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TO PREVENT POSSIBLE COLLAPSING OR OTHER SAFETY INFORMATION, PUBLISHED BY IFC (CHUSS PLATE INSTALLATION, 210 ENTERPRISE LANE, HADDONSBURG, VA 52719), FOR SAFETY REASONS PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE FOLLOWING INFORMATION IS FOR YOUR GUIDANCE ONLY. IT IS NOT A SUBSTITUTE FOR THE DESIGN SPECIFICATIONS OF THE TRUSS MANUFACTURER. IF YOU HAVE ANY QUESTIONS, CONTACT THE TRUSS COMPANY OR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND VICA (WOOD TRUSSES, COUNCIL OF AMERICANS), 6300 ENTERPRISE LAKE, WOODSIDE, MI 48091. TEL: 527/1919. 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 TRUSSES IN CONFORMANCE WITH THE TYPE OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF THE TRUSSES.

DESIGN COMPROMISES WITH APPLICABLE PROVISIONS OF ASD (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ALL REG. CONNECTOR PLATES ARE MADE OF 207/30T16GA. (U-75/25K) NOS. A663 GRAD 40760 (H. K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF THUSSED AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10A-2 THROUGH 10D-2. DO NOT REMOVE OR WEAKEN ANY PART OF THE TRUSS OR JOINTS WITHOUT THE WRITTEN APPROVAL OF THE TRUSS COMPANY. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS DURING SHOWN. THE SUBMITTER AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. SEE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. 530 N. LEE ST. ALEXANDRIA, VA 22304. SECTION 2.



ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL. CANT. 18-278

REF- 1TUD8228Z01

SPACING 24.0"

1

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1

1

1

1

51/101 1 SEP

DESIGNER PER

REVIEWS

4406
78

James City, FL Cont.

1

Top	chord	2x6	SP	#2
Bot	chord	2x6	SP	#2
	webs	2x4	SP	#3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

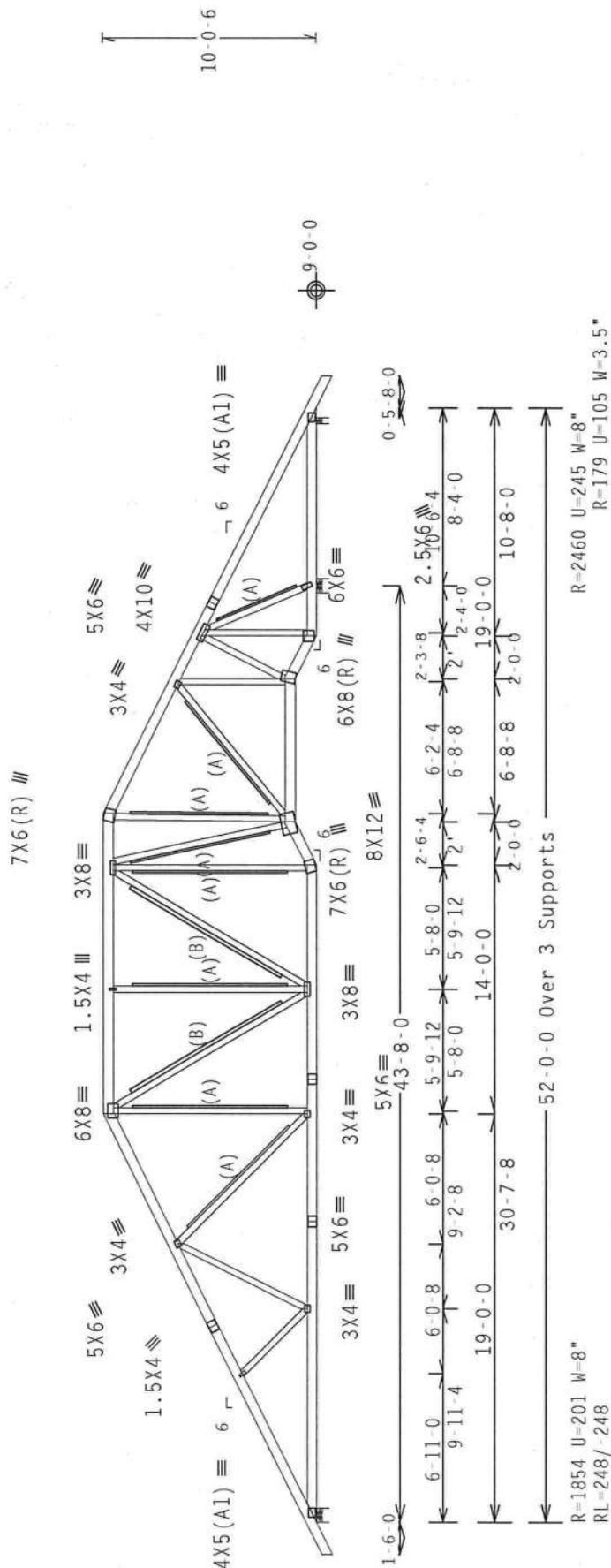
(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

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

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .125"/Ft.

*WARNING** TRUSSES REQUIRE EXTREME CARE IN ADDITION TO HANDLING, SHIPPING, UNLOADING AND BRACING. ALL TRUSSES ARE PREPARED BY THE MANUFACTURER'S SAFETY ENGINEERING DEPARTMENT. FOR INFORMATION, CONTACT THE MANUFACTURER AT NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30201 OR TRUSS COUNCIL OF AMERICA, 6300 WINTERFIELD LANE, SUITE 100, FARMERSVILLE, VA 22734. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

EF	R8228- 19881
DATE	08/20/09

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL 33844-378

IC-ENG DF/DF
EQN- 9476
ROM AH
REF- 1TUD8228Z01

Top chord	2x6	SP	#2
Bot chord	2x6	SP	#2
Web	2x4	SP	#3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

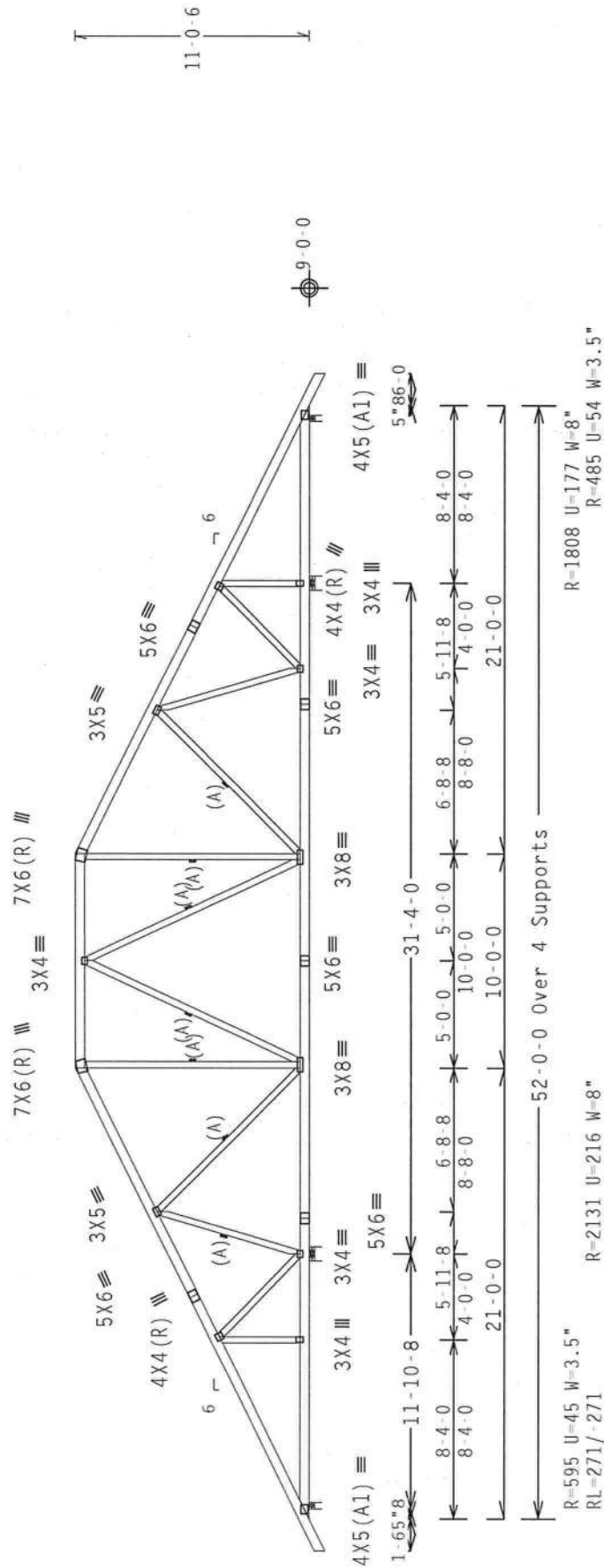
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Truss passed check for 20 psf additional bottom chord live load in areas with 42" high x 24" wide clearance.

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

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

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

.00

QTY:6 FL/-/4/-/-/R/-

Scale = .125"/Ft.

WARNING: THESE REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE CHLGS PLASTIC INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND ASEA GROUP TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MOORESVILLE, NC 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.



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL 888-278-2788

ALPINE

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Haines City, FL 33844
FL 888-278-2788

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 GCpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

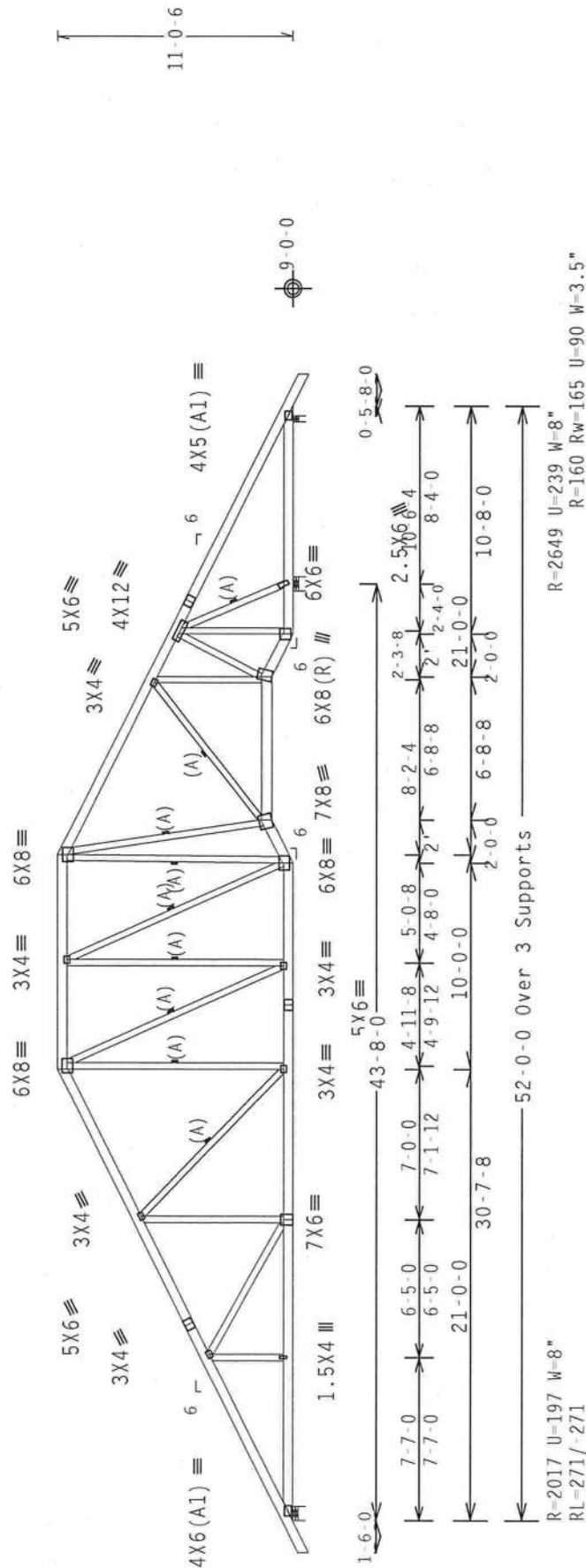
Deflection meets L/240 live and L/180 total load.

Wind reactions based on MWFRS pressures.

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

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

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

00

QTY:3 EL / - / 4 / - / - / R / -

Scale = 125"/Ft.

[illegible][illegible]

TC	11	20	0	PSE
----	----	----	---	-----

00010 1120 / 100

[illegible]

REF K0220- 19003

10.0 PSF

DATE : 08/20/09

BC DL 10.0 PSF

DRW HCUSR8228 092320

00 PSE

HC-ENG DE/DE

0.	—	77
0.		00
1		
5		

10/10/2017	0500
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101.LD. 40.0 PSF

SEQN- 9508

DUR.FAC. 1.25

FROM AH

SPACING 24 0"

TRF- 1T108228701

Top chord	2x6	SP	#2
Bot chord	2x6	SP	#2
Web	2x4	SP	#3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

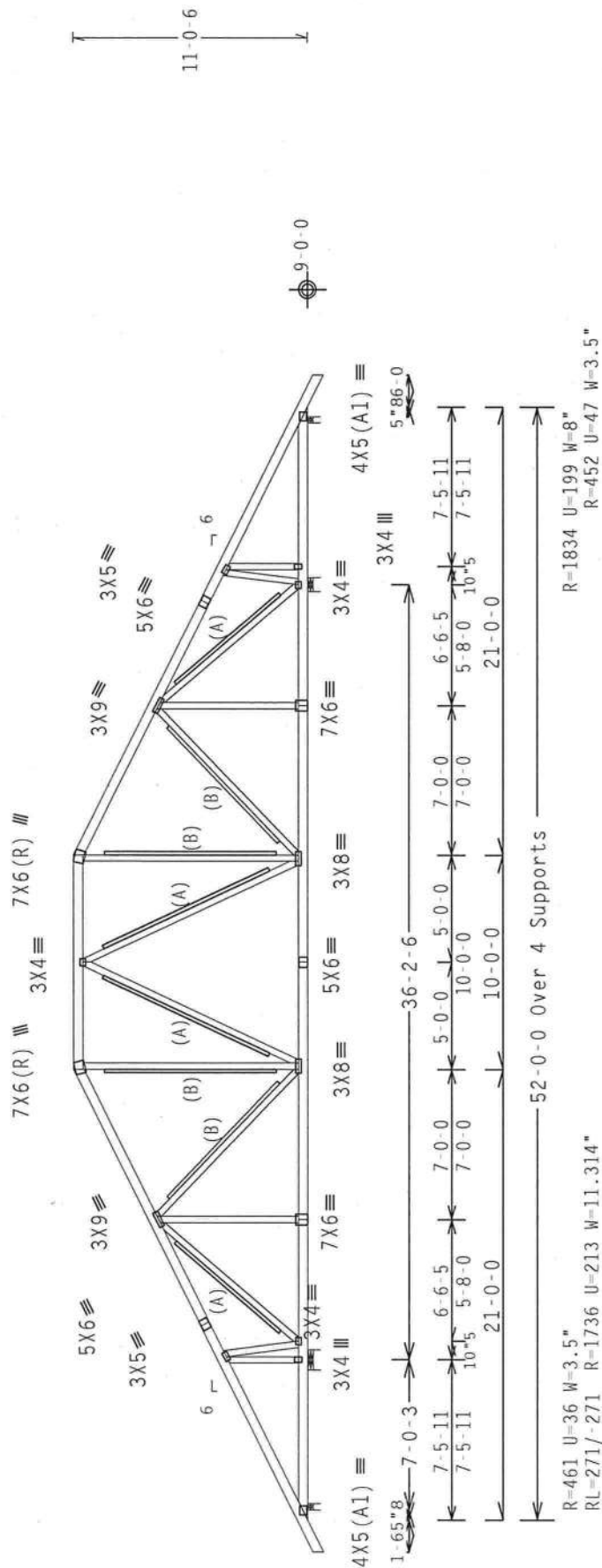
(A) 2x6 #3 or better "I" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5", min.) nails @ 6" OC.

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

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

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

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

Design Crit: FBC2007Res/TPI - 2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave

8.07.00

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

Scale = .125"/Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE THUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. THE FOLLOWING INFORMATION IS INTENDED TO PREVENT ACCIDENTS OR INJURY TO PERSONNEL. READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE ATTEMPTING TO USE THESE THUSSES. CONTACT THE MANUFACTURER OF THESE THUSSES FOR ADDITIONAL INFORMATION. IF YOU HAVE QUESTIONS REGARDING THE PROPER USE OF THESE THUSSES, PLEASE CALL THE MANUFACTURER'S HOTLINE AT 800-967-5327. THE MANUFACTURER'S HOTLINE IS AVAILABLE 24 HOURS A DAY, 7 DAYS A WEEK. IF YOU ARE NOT ABLE TO REACH THE HOTLINE, PLEASE E-MAIL US AT sales@thuss.com. IF YOU ARE NOT ABLE TO REACH THE HOTLINE OR E-MAIL, PLEASE CALL THE TOLL FREE NUMBER 1-800-967-5327. IF YOU ARE NOT ABLE TO REACH THE HOTLINE OR E-MAIL, PLEASE CALL THE TOLL FREE NUMBER 1-800-967-5327. IF YOU ARE NOT ABLE TO REACH THE HOTLINE OR E-MAIL, PLEASE CALL THE TOLL FREE NUMBER 1-800-967-5327.

REF R8228- 19884

DATE 08/20/09

0923200 HC11SR8228 0923200

HC - ENG DE / DE

CEON - 0530

FROM	TO
FROM	TO

RUM	AH
FREE	FIND OUT



ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

L. C. (continued) 78

Top	chord	2x6	SP	#2
Bot	chord	2x6	SP	#2
	webs	2x4	SP	#3

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpi(+/-)-0.55

Roof overhang supports 2.00 psf soffit load.

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

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

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

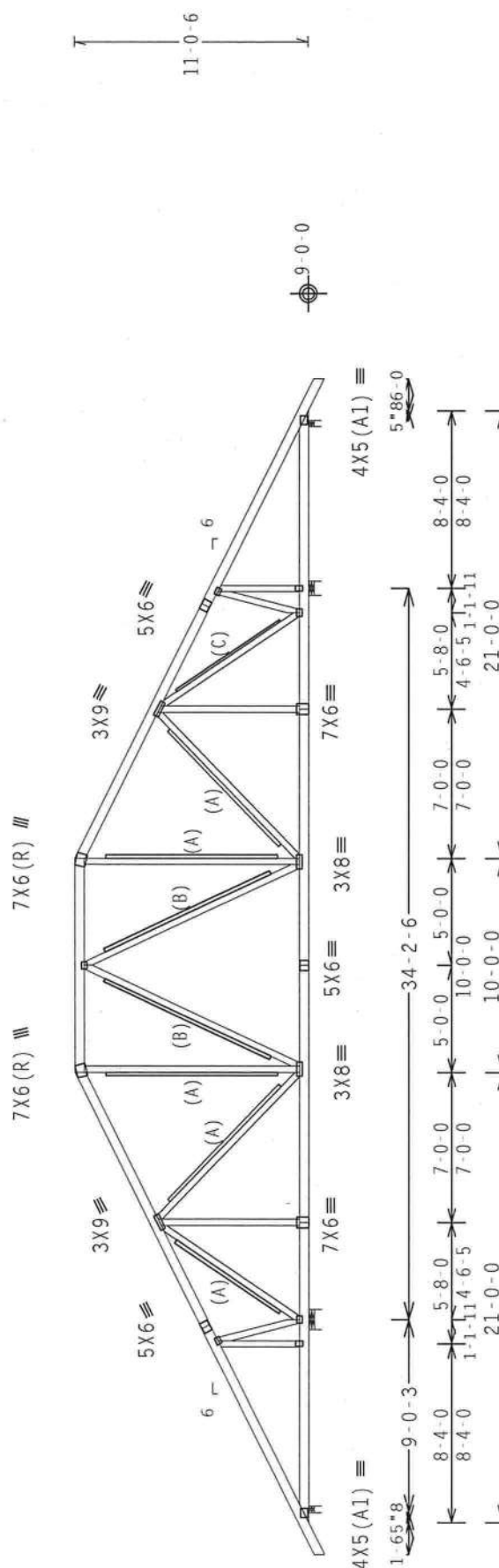
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

Wind reactions based on MWFRS pressures.

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

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

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



R-506 U-37 W-3.5"

RL=271/-271 R=1797 U=212 W=11.314"

52-0-0 Over 4 Supports

R=1660 U=185 W=8"
R=521 U=51 W=3.5"

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=10%(0%)/0(0)	8.07.00

Scale = .125"/Ft.

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



8.07.

 $FT/RT=10\%(0\%)/0$

10

PLT TYP. Wave

*WARNING** THUSSELS HEALTH EXTREME CARE IN CARLISLE, HANDLING, SHIPPING, UNLOADING AND BRACING
OF THIS TRUCKS CARRYING THIS INFORMATION, PUBLISHED BY TPI, (THUSSELS PLATE INSTITUTE, 210
NORTH LEE STREET, SUITE 312, ALICANTANIA, VA, 22314) AND MICA (MICA TRUSS, COUNCIL OF AMERICA, 5300
ENTERPRISE LANE, ROAD 508, #1, 53219) 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 CHANG.

* IMPORTANT: * FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITM REC, 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, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONNECTION PLATES ARE MADE OF 20X10/16GA. (60 KSI/58 KSI) WITH 3/8" GRADE 40/60 (60 KSI/58 KSI) GALV. STEEL. ALL TRUSS 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 AMX AT OF TP1-2009 SEC.2, (2) SHALL BE PER AMX AT OF TP1-2009 SEC.2, OR DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT MANUFACTURER'S USE AND USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AMX AT OF TP1-2009 SEC.2.



ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FLCC-10378

REF ID: A68282

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

110 mph wind, 15.00 ft mean ht, ASCE 7-05, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

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

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

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

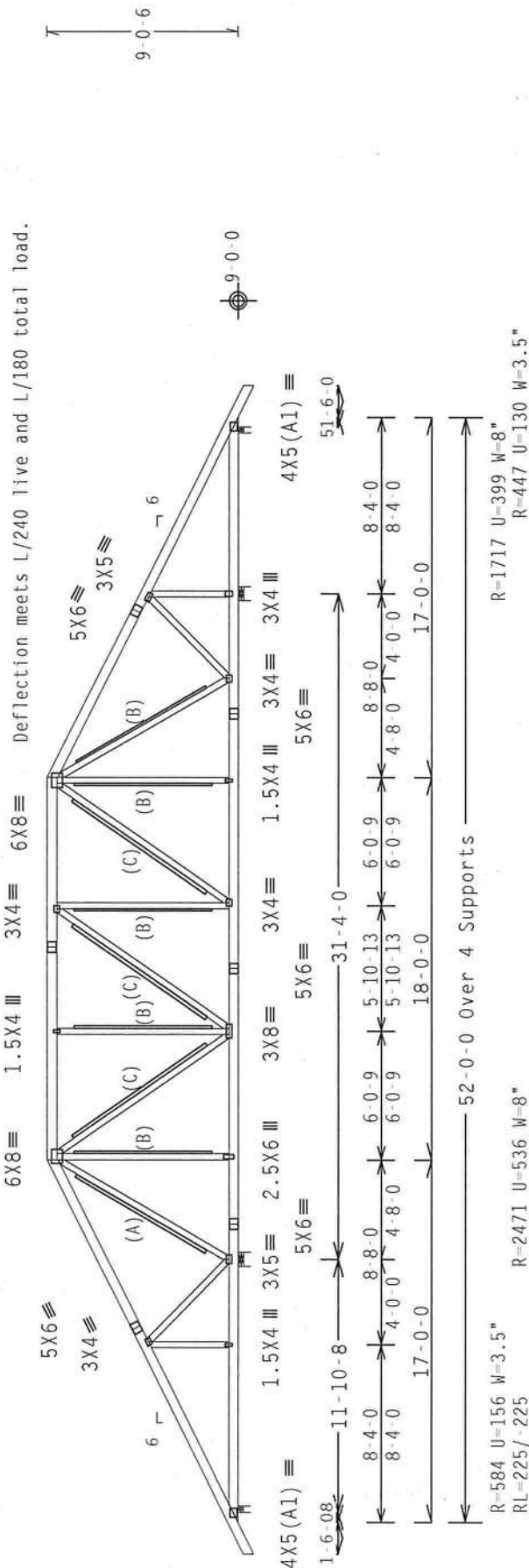
Special loads

	Lumber	Dur.Fac.=1.25 / plate	Dur.Fac.=1.25
TC - From	62 plf at -1.50 to	62 plf at 9.03	
TC - From	62 plf at 9.03 to	62 plf at 17.00	
TC - From	62 plf at 17.00 to	62 plf at 21.00	
TC - From	62 plf at 21.00 to	62 plf at 35.00	
TC - From	62 plf at 35.00 to	62 plf at 42.97	
TC - From	62 plf at 42.97 to	62 plf at 53.50	
BC - From	4 plf at -1.50 to	4 plf at 0.00	
BC - From	20 plf at 0.00 to	20 plf at 14.00	
BC - From	20 plf at 14.00 to	20 plf at 26.00	
BC - From	20 plf at 26.00 to	20 plf at 38.00	
BC - From	20 plf at 38.00 to	20 plf at 52.00	
BC - From	4 plf at 52.00 to	4 plf at 53.50	
CC -	736 lb Conc. Load at 16.60		

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

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

This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP.: Wave

9.02.00

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

Scale = .125"/Ft.

*****WARNING***** THOSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BEARING. ALL BESS THOSSES REQUIRE INFORMATION. BESS THOSSES ARE AVAILABLE IN A CHASSIS PLATE THICKNESS OF 210, 230, 250, 270, 290, 310, 330, 350, 370, 390, 410, 430, 450, 470, 490, 510, 530, 550, 570, 590, 610, 630, 650, 670, 690, 710, 730, 750, 770, 790, 810, 830, 850, 870, 890, 910, 930, 950, 970, 990, 1010, 1030, 1050, 1070, 1090, 1110, 1130, 1150, 1170, 1190, 1210, 1230, 1250, 1270, 1290, 1310, 1330, 1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610, 1630, 1650, 1670, 1690, 1710, 1730, 1750, 1770, 1790, 1810, 1830, 1850, 1870, 1890, 1910, 1930, 1950, 1970, 1990, 2010, 2030, 2050, 2070, 2090, 2110, 2130, 2150, 2170, 2190, 2210, 2230, 2250, 2270, 2290, 2310, 2330, 2350, 2370, 2390, 2410, 2430, 2450, 2470, 2490, 2510, 2530, 2550, 2570, 2590, 2610, 2630, 2650, 2670, 2690, 2710, 2730, 2750, 2770, 2790, 2810, 2830, 2850, 2870, 2890, 2910, 2930, 2950, 2970, 2990, 3010, 3030, 3050, 3070, 3090, 3110, 3130, 3150, 3170, 3190, 3210, 3230, 3250, 3270, 3290, 3310, 3330, 3350, 3370, 3390, 3410, 3430, 3450, 3470, 3490, 3510, 3530, 3550, 3570, 3590, 3610, 3630, 3650, 3670, 3690, 3710, 3730, 3750, 3770, 3790, 3810, 3830, 3850, 3870, 3890, 3910, 3930, 3950, 3970, 3990, 4010, 4030, 4050, 4070, 4090, 4110, 4130, 4150, 4170, 4190, 4210, 4230, 4250, 4270, 4290, 4310, 4330, 4350, 4370, 4390, 4410, 4430, 4450, 4470, 4490, 4510, 4530, 4550, 4570, 4590, 4610, 4630, 4650, 4670, 4690, 4710, 4730, 4750, 4770, 4790, 4810, 4830, 4850, 4870, 4890, 4910, 4930, 4950, 4970, 4990, 5010, 5030, 5050, 5070, 5090, 5110, 5130, 5150, 5170, 5190, 5210, 5230, 5250, 5270, 5290, 5310, 5330, 5350, 5370, 5390, 5410, 5430, 5450, 5470, 5490, 5510, 5530, 5550, 5570, 5590, 5610, 5630, 5650, 5670, 5690, 5710, 5730, 5750, 5770, 5790, 5810, 5830, 5850, 5870, 5890, 5910, 5930, 5950, 5970, 5990, 6010, 6030, 6050, 6070, 6090, 6110, 6130, 6150, 6170, 6190, 6210, 6230, 6250, 6270, 6290, 6310, 6330, 6350, 6370, 6390, 6410, 6430, 6450, 6470, 6490, 6510, 6530, 6550, 6570, 6590, 6610, 6630, 6650, 6670, 6690, 6710, 6730, 6750, 6770, 6790, 6810, 6830, 6850, 6870, 6890, 6910, 6930, 6950, 6970, 6990, 7010, 7030, 7050, 7070, 7090, 7110, 7130, 7150, 7170, 7190, 7210, 7230, 7250, 7270, 7290, 7310, 7330, 7350, 7370, 7390, 7410, 7430, 7450, 7470, 7490, 7510, 7530, 7550, 7570, 7590, 7610, 7630, 7650, 7670, 7690, 7710, 7730, 7750, 7770, 7790, 7810, 7830, 7850, 7870, 7890, 7910, 7930, 7950, 7970, 7990, 8010, 8030, 8050, 8070, 8090, 8110, 8130, 8150, 8170, 8190, 8210, 8230, 8250, 8270, 8290, 8310, 8330, 8350, 8370, 8390, 8410, 8430, 8450, 8470, 8490, 8510, 8530, 8550, 8570, 8590, 8610, 8630, 8650, 8670, 8690, 8710, 8730, 8750, 8770, 8790, 8810, 8830, 8850, 8870, 8890, 8910, 8930, 8950, 8970, 8990, 9010, 9030, 9050, 9070, 9090, 9110, 9130, 9150, 9170, 9190, 9210, 9230, 9250, 9270, 9290, 9310, 9330, 9350, 9370, 9390, 9410, 9430, 9450, 9470, 9490, 9510, 9530, 9550, 9570, 9590, 9610, 9630, 9650, 9670, 9690, 9710, 9730, 9750, 9770, 9790, 9810, 9830, 9850, 9870, 9890, 9910, 9930, 9950, 9970, 9990, 10010, 10030, 10050, 10070, 10090, 10110, 10130, 10150, 10170, 10190, 10210, 10230, 10250, 10270, 10290, 10310, 10330, 10350, 10370, 10390, 10410, 10430, 10450, 10470, 10490, 10510, 10530, 10550, 10570, 10590, 10610, 10630, 10650, 10670, 10690, 10710, 10730, 10750, 10770, 10790, 10810, 10830, 10850, 10870, 10890, 10910, 10930, 10950, 10970, 10990, 11010, 11030, 11050, 11070, 11090, 11110, 11130, 11150, 11170, 11190, 11210, 11230, 11250, 11270, 11290, 11310, 11330, 11350, 11370, 11390, 11410, 11430, 11450, 11470, 11490, 11510, 11530, 11550, 11570, 11590, 11610, 11630, 11650, 11670, 11690, 11710, 11730, 11750, 11770, 11790, 11810, 11830, 11850, 11870, 11890, 11910, 11930, 11950, 11970, 11990, 12010, 12030, 12050, 12070, 12090, 12110, 12130, 12150, 12170, 12190, 12210, 12230, 12250, 12270, 12290, 12310, 12330, 12350, 12370, 12390, 12410, 12430, 12450, 12470, 12490, 12510, 12530, 12550, 12570, 12590, 12610, 12630, 12650, 12670, 12690, 12710, 12730, 12750, 12770, 12790, 12810, 12830, 12850, 12870, 12890, 12910, 12930, 12950, 12970, 12990, 13010, 13030, 13050, 13070, 13090, 13110, 13130, 13150, 13170, 13190, 13210, 13230,

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
813-688-7878

60.02

DUR.FAC. 1.25

FROM AH

FROM AH

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC D1=5.0 psf, wind BC D1=5.0 psf. Iw=1.0 GCPI(+/-)=0.55

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

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

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

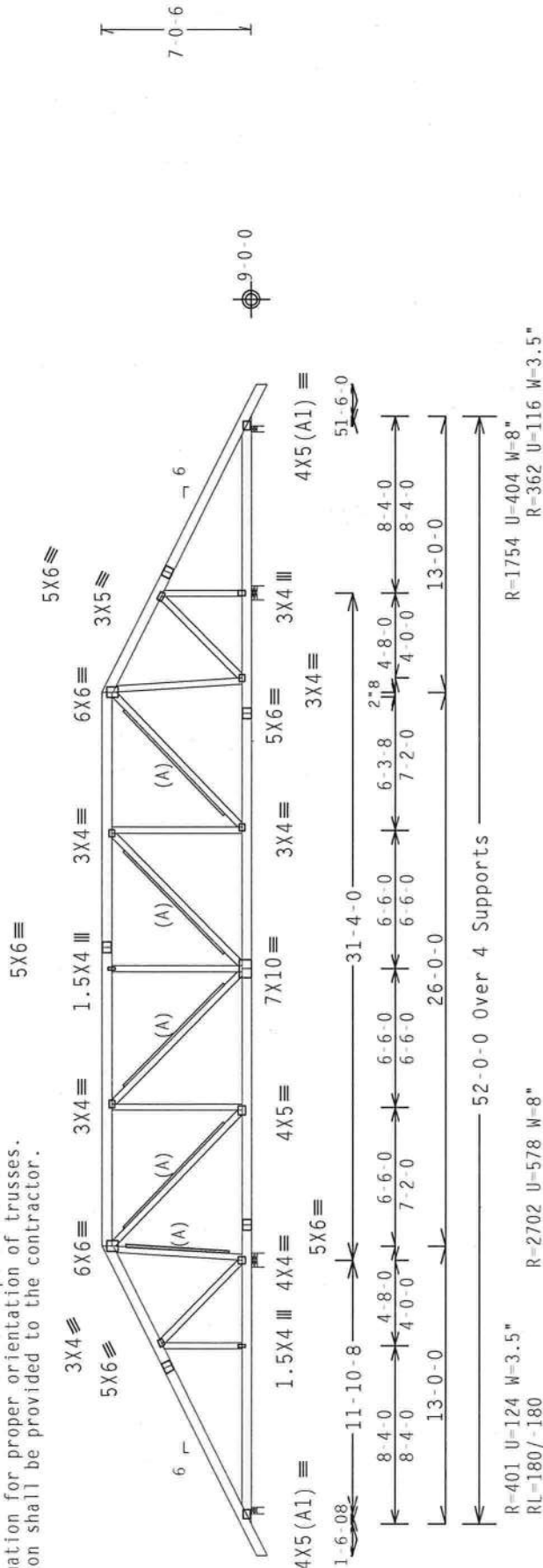
This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

Special loads

	(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)	
IC - From	62 pif at -1.50 to	62 pif at 7.24
IC - From	62 pif at 7.24 to	62 pif at 13.00
IC - From	62 pif at 13.00 to	62 pif at 21.00
IC - From	62 pif at 21.00 to	62 pif at 39.00
IC - From	62 pif at 39.00 to	62 pif at 44.76
IC - From	62 pif at 44.76 to	62 pif at 53.50
BC - From	4 pif at -1.50 to	4 pif at 0.00
BC - From	20 pif at 0.00 to	20 pif at 14.00
BC - From	20 pif at 14.00 to	20 pif at 26.00
BC - From	20 pif at 26.00 to	20 pif at 38.00
BC - From	20 pif at 38.00 to	20 pif at 52.00
BC - From	4 pif at 52.00 to	4 pif at 53.50
CC -	736 lb Conc. Load at 16.60	

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

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

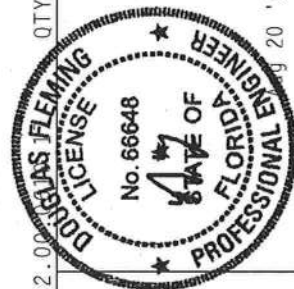
Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave

9.02.00

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

Scale = .125"/Ft.

[illegible][illegible]

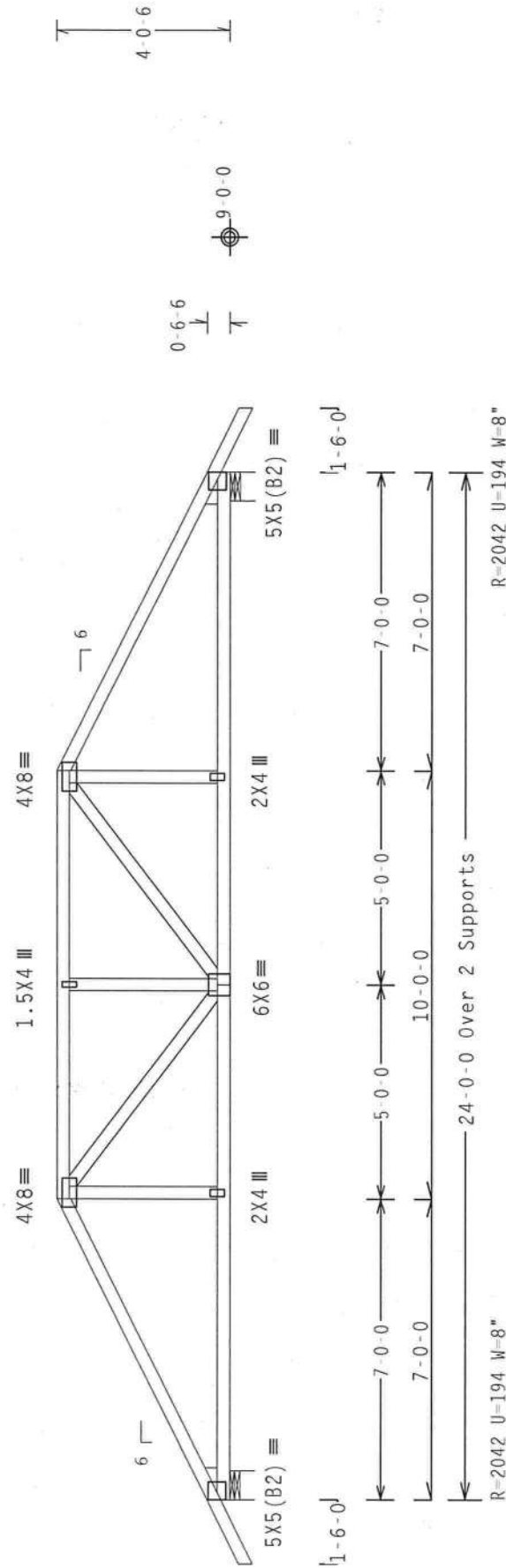
TC LL	20.0	PSF	REF	R8228-	19888
TC DL	10.0	PSF	DATE	08/20/09	
BC DL	10.0	PSF	DRW	HCUSR8228	09232004
BC LL	0.0	PSF	HC-ENG	KD/DF	
TOT.LD.	40.0	PSF	SEQN-	66336	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF-	1TUD8228Z01	

110 mph wind, 15.00 ft mean hat, ASCE 7-05, 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.

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

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

OTY:2 FI 1-14/-1-1R/-
Scale = 25"/Ft.

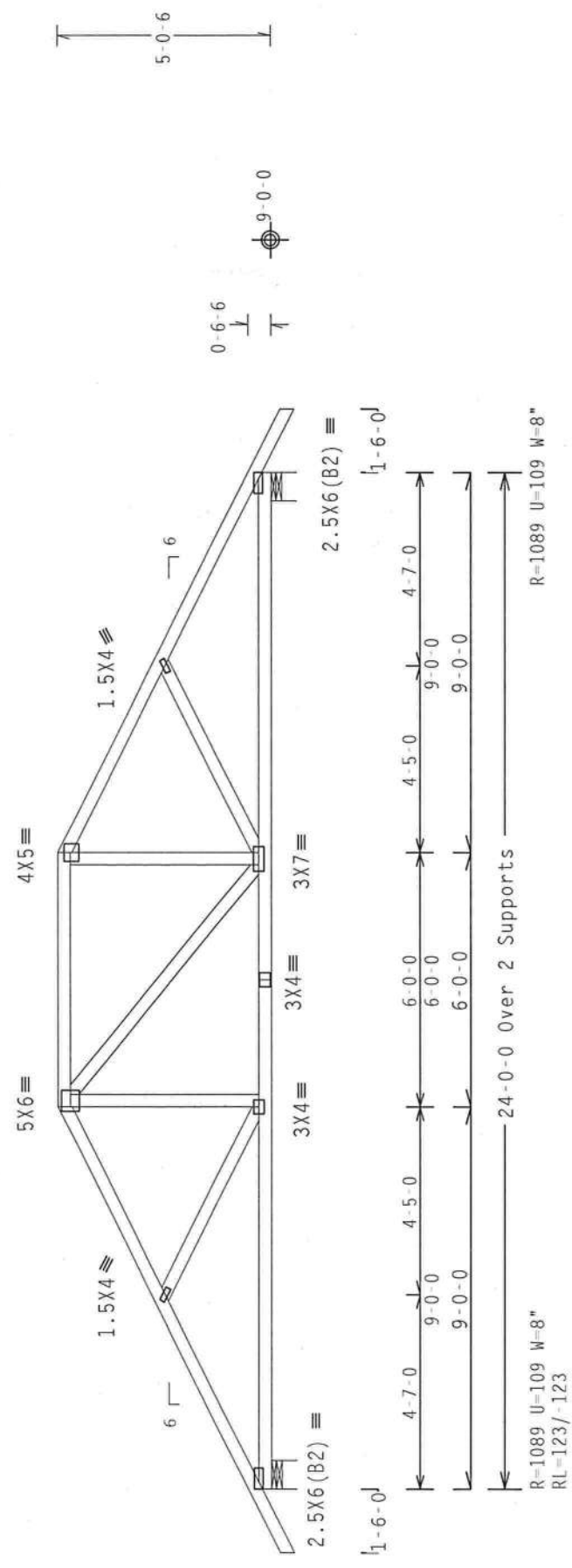
 ntw Building Components Group Inc. Haines City, FL 33844 FL CCB-16-0078			**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS' BUILDING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, FAIRBORN, MI 48033) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	
			IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, INCLUDING CONNECTIONS WITH APPLICABLE PROVISIONS OF AISI (NATIONAL DESIGN SPEC., BY AISC) AND TPI. ITH BCG ASSUMES LIABILITY FOR ANY SUCH VIOLATIONS.	
			CONNECTOR PLATES ARE MADE OF 2017B1606A (A16/S53A) ASTM A575 GRADE 40/60 (B, K/A-S5) GALV. STEEL. APPLY EACH SIDE OF EACH TRUSS AREA UNLESS OTHERWISE LOCATED IN THIS DESIGN. POSITION PER DRAWINGS FOR 2.	
			DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABS(1)PI 1 SEC. 2.	
			DATE: 08/20/09	

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

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

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

Design Crit: FBC2007Res/TPI -2002(STD)
FT/RT=10%(0%) /0(0)

Scale = .25"/Ft.

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

CLASS FLEX

8.07.

FT/RT=10%(0%)/0(0)

Design of the:

PLT TYP. Wave

****WARNING**** TROSSIS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP (BUILDING CONSTRUCTION SAFETY INFORMATION), PUBLISHED BY TP1 (TROSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NCCA (WOOD TROSS INSTITUTE 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.

[illegible]

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL CQ 0000000078

JREF- 1TUD8228Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. lw=1.00 Gcpi(+/-)=0.18

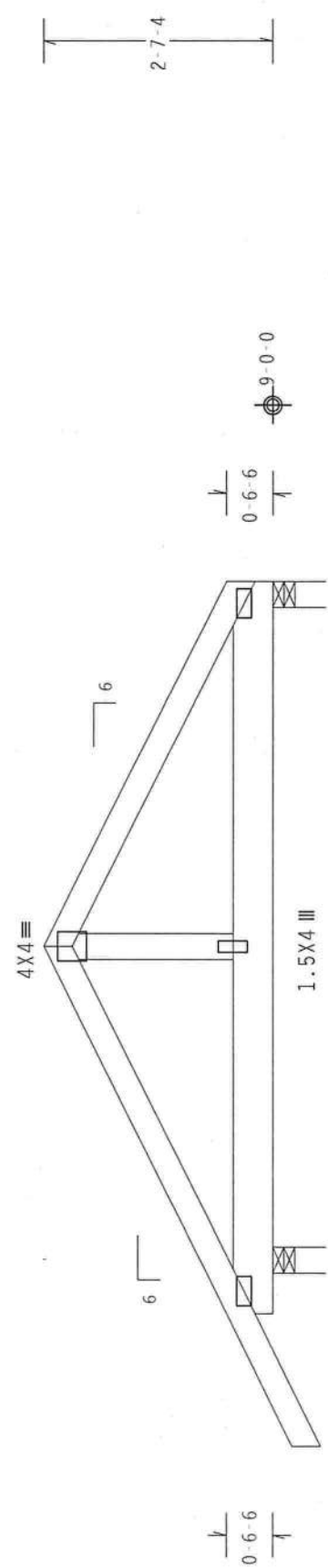
Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

SPECIAL LOADS

- (LUMBER DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25)
- TC - From 62 PLF at 1.50 to 62 PLF at 4.15
- TC - From 62 PLF at 4.15 to 62 PLF at 8.29
- BC - From 4 PLF at 1.50 to 4 PLF at 0.00
- BC - From 20 PLF at 0.00 to 20 PLF at 8.29
- BC - 45 LB Conc. Load at 1.09
- BC - 127 LB Conc. Load at 3.09
- BC - 209 LB Conc. Load at 5.09
- BC - 292 LB Conc. Load at 7.06

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



2X4 (A1) = 2X4 (A1) =

1-6-0 → 5" 8'

4-1-12
4-1-12
8-3-8 Over 2 Supports
R=735 U=101 W=3.5"
R=722 U=86 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

QTY: 1 FL/-/4/-/R/- Scale = .5"/Ft.



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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ITM BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/SS/R) ASTM A653 GRADE 40/60 (W, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT FABRICATOR. ITM BCG 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. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL 00000078

PLT TYP. Wave

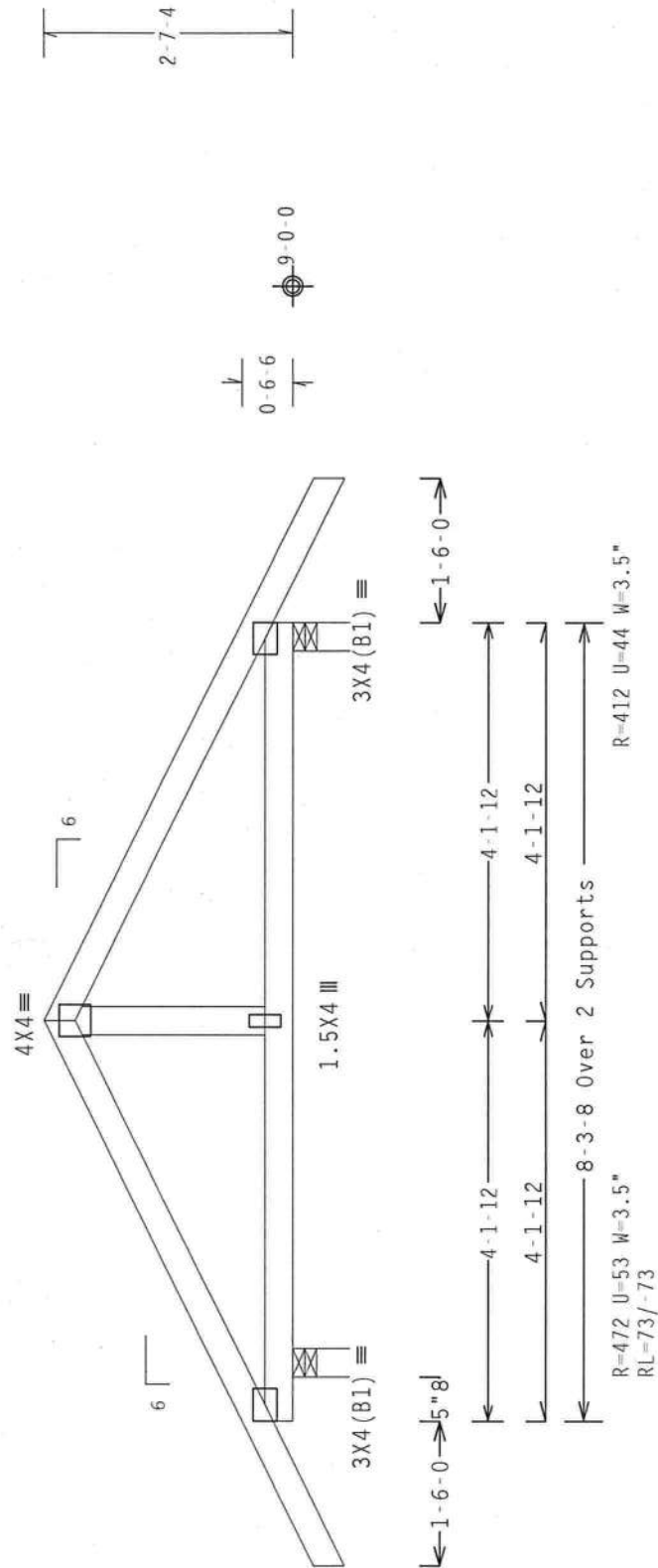
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, lw=1.00 Gcpi(+/-)=0.55

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

8.07.00

QTY: 5

F11-141-1-1R1-

Scale = 5"/Ft.

[illegible][illegible]

TC 11	20 0 PSE
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OFF P8228- 19894

TC	DI	10	0	0	0
TC	DI	10	0	0	0

DATE	00/00/00
TIME	0720N

10.0 PSF

DATE 08/20/09

BC DL 10.0 PSF

0RW HCUSR8228 0923201

BC LL 0.0 PSF

IC-ENG DF/DF

TOT-ID: 40.0 PSE

9333 FON-

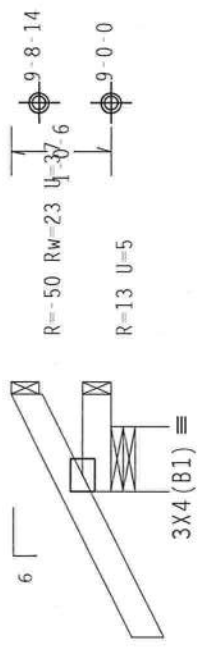
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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[illegible]

DUR. FAC. 1.25

RUM AH

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
110 mph wind, 15.00 ft mean hgt., ASCE 7-05, 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.



1'-0-0 over 3 Supports
R=237 U=43 W=8"
RL=28/-22

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave	QTY: 8	FL/-/4/-/-/R/-	Scale = .5"/Ft.
REF R8228- 19895	TC LL	20.0 PSF	
DATE 08/20/09	TC DL	10.0 PSF	
DRW HCUSR8228 09232046	BC DL	10.0 PSF	
HC-ENG DF/DF	BC LL	0.0 PSF	
SEQN- 9208	TOT.LD.	40.0 PSF	
FROM AH	DUR.FAC.	1.25	
JREF- 1TUD8228Z01	SPACING	24.0"	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI, 1000 PLAZA DRIVE, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 FRIEDRICH LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ITW BCG CONDUCTOR PLATES ARE MADE OF 2019/166A (W/155/2) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. DRAWING INDICATES ACCEPTABLE PRELIMINARY DESIGN. (1) SHALL PERFORM AS PER TPI-2002, SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group Inc.
Haines City, FL 33844
FLCG-000278

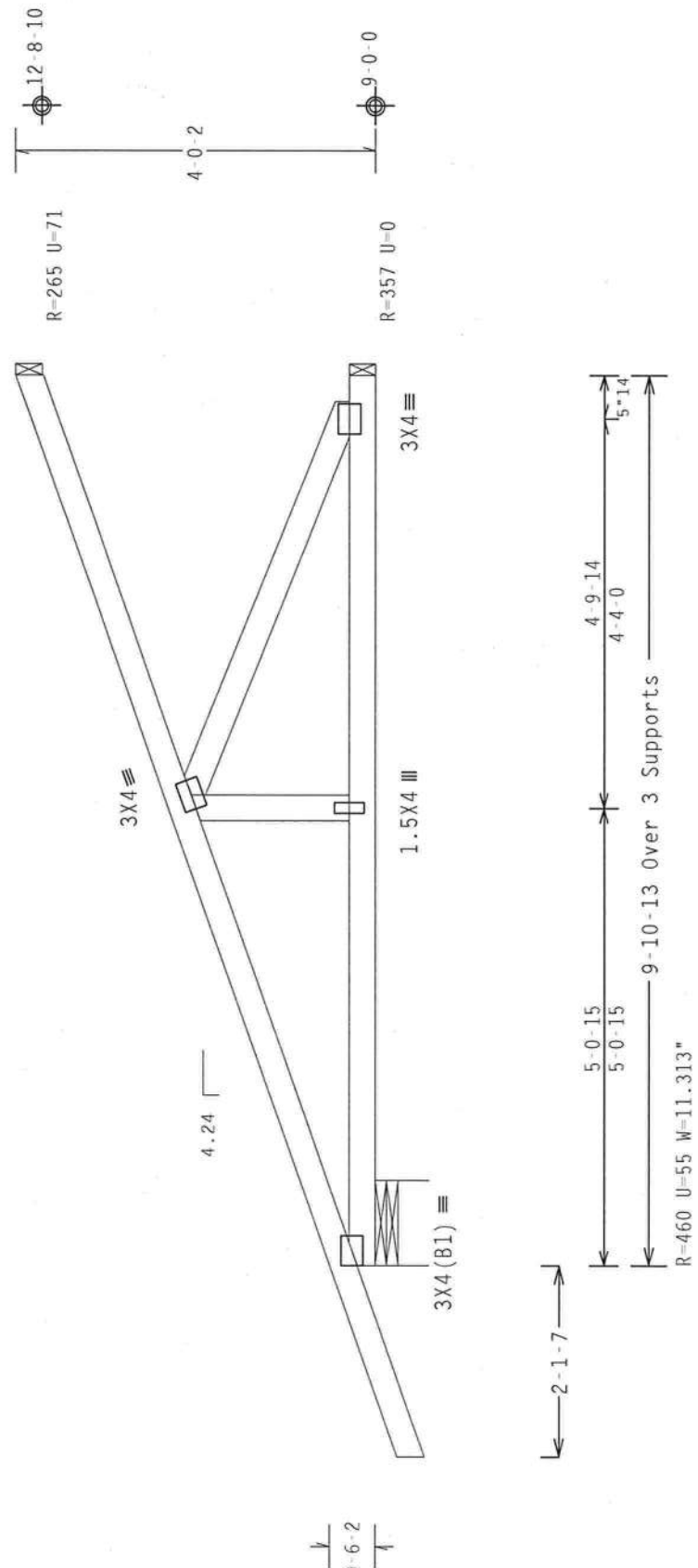
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf, IW=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave	QTY: 4	FL/-/4/-/R/-	Scale = .5"/Ft.
TC LL	20.0	PSF	REF R8228- 19896
TC DL	10.0	PSF	DATE 08/20/09
BC DL	10.0	PSF	DRW HCUSR8228 09232043
BC LL	0.0	PSF	HC-ENG DF/DF
TOT.LD.	40.0	PSF	SEQN - 9218
DUR.FAC.	1.25		FROM AH
SPACING	SEE ABOVE		JREF- ITUD8228Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. NORTH LEE STEEL, SUITE 312, ALEXANDRIA, VA, 22304, AND MICA (4000) TRUSS, CORP. OF AMERICA, ENTERPRISE LANE, HADISON, NJ 07619, 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.

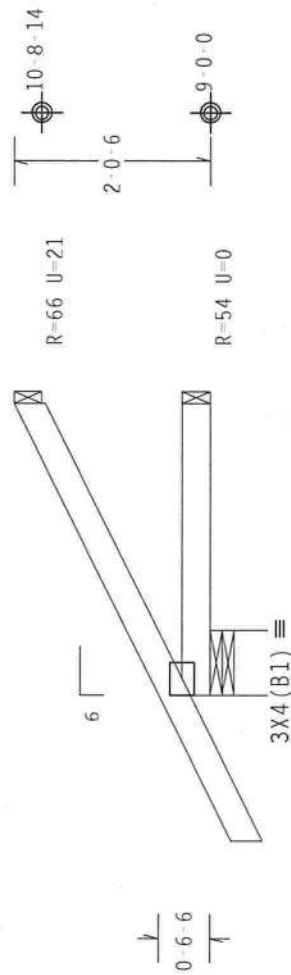
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ACPA) AND TPI. ITW REG. CONNECTOR PLATES ARE MADE OF 20/18/16GA (90-H/SS/PS) ASTM A653 GRADE 40/60 (M. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS SPECIFICATION INDICATES THE TABLE OF INSPECTION ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPANY. SPECIFICATIONS INDICATE THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



110 mph wind, 15.00 ft mean hot, ASCE 7-05, 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.

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



$\overleftarrow{1-6-0}$
 $\overrightarrow{3-0-0}$ Over 3 Supports

 $R=256$
 $U=23$
 $W=8$

 $RL=52/-27$

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

8.07.00

OTY: 8

F11-141-1-1R1-

$$\text{Scale} = 5''/\text{Ft}$$

WARNING THUSSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. THESE REQUIREMENTS ARE SET FORTH IN THE SAFETY INFORMATION, PUBLISHED BY THE CHUBB PLATE INSTITUTE, 210 NORTH LEE STREET, LAKE MICHIGAN, MI 49719. FOR MORE INFORMATION, CONTACT THE CHUBB PLATE INSTITUTE, 800-635-1586, #A001509, #1 52719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP SHEET SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIDGED CETING.

****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 DPT; 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 2018/1864 (M-155/KIC) ASTM A663 GRADE 40/60 (N. K7H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY 1) SHALL BE PER AMER A3.0 OF TPI-2002 SEC. 3, 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SAFETY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMS/TP1 1 SEC. 2.



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
813/688-0078

FLC00000078

JREF- 1TUD8228Z01

SPACING 24.0"

1

—

11 SEC. 2.

LC 000000078

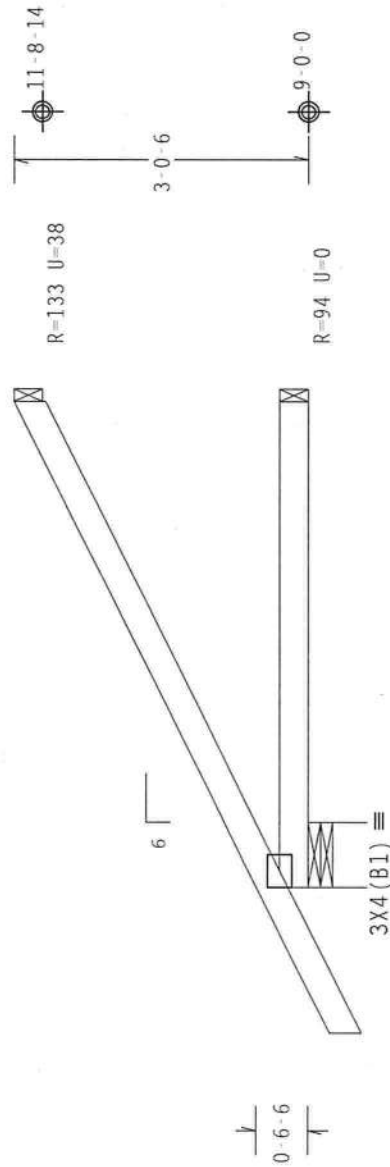
FLC00000078

100

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



1-6-0

5-0-0 Over 3 Supports

R=327 U=23 W=8"

RL=75/-32

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

8.07.00

OTY:8

FL 1-141-1-1R1-

Scale = 5"/Ft.

[illegible]

****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 (P1) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BDS (NATIONAL DESIGN SPEC.) BY AFSPA) AND IPT. 1TM BCG
CONNECTOR PLATES ARE MADE OF 70/18/16GA (0.4/55/5K) ASTM A653 GRADE 40/60 (N. K/H-55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 1
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 43 OF IPT-1/2002 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 SPECIFIC IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER AMEX 43/PT 1 SEC. 2.



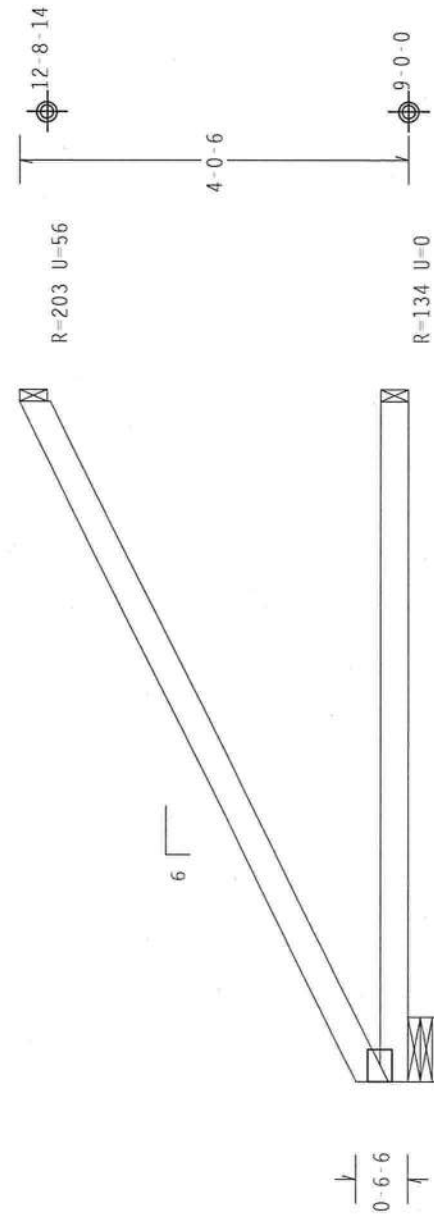
ITW Building Components Group Inc.

Haines City, FL 33844

FL. C66-110-78

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Bottom chord checked for 10.00 psf non-concurrent live load.
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.



7-0-0 Over 3 Supports
R=292 U-2 W-8"
RL-80

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .5"/Ft.

QTY: 3

8.07.00

PLT TYP. Wave

PLT TYP. Wave

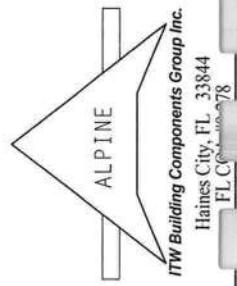
REF R8228 - 19900	TC LL 20.0 PSF	FL/-/4/-/-/R/-
DATE 08/20/09	TC DL 10.0 PSF	
DRW HCUSR8228 09232047	BC DL 10.0 PSF	
HC-ENG DF/DF	BC LL 0.0 PSF	
SEQN 9228	TOT.LD. 40.0 PSF	
FROM AH	DUR.FAC. 1.25	
JREF- 1TUD8228Z01	SPACING 24.0"	



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

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTION PLATES ARE MADE OF 20/18/16GA (0.0755/0.063/0.0475) GALV. STEEL. APPLY PLATES TO EACH FACE OF TOP AND BOTTOM CHORDS. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ALL DIMENSIONS ARE IN FEET AND INCHES. UNLESS OTHERWISE INDICATED, DIMENSIONS ARE TO THE CENTERLINE OF THE TRUSS. 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 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART. ENC. bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-) 0.55

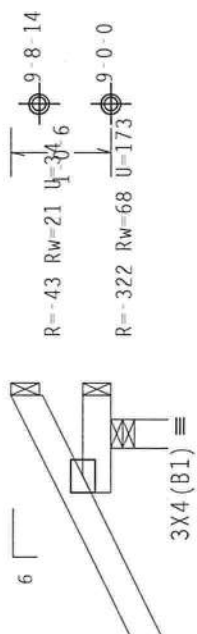
Bottom chord checked for 10.00 psf non-concurrent live load.

Negative reaction(s) of -321# MAX. (See below) from a non-wind load case requires uplift connection.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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



1-6-0-0 5'8"
1-0-0 Over 3 Supports
R=547 U=112 W=3.5
RL=28/-22

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

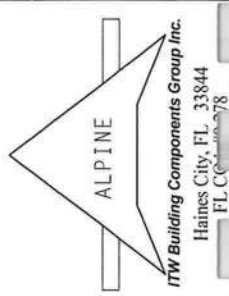
PLT TYP. Wave		QTY:5	FL/-/4/-/4/-/R/-	Scale =.5"/Ft.
REF R8228- 19901		TC LL	20.0 PSF	
DATE 08/20/09		TC DL	10.0 PSF	
DRW HCUSR8228 09232021		BC DL	10.0 PSF	
HC-ENG DF/DF		BC LL	0.0 PSF	
SEQN- 9248		TOT.LD.	40.0 PSF	
FROM AH		DUR.FAC.	1.25	
JREF- 1TUD8228Z01		SPACING	24.0"	



****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, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. ITM BEG CONNECTOR PLATES ARE MADE OF 20/19/10GA (0.0155/0.0118) ASTM A653 GRADE 40/60 (0.0155/0.0118) GALV. STEEL. APPLY ANY RESTRICTIONS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE INDICATED, POSITION PER DRAWINGS 100A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

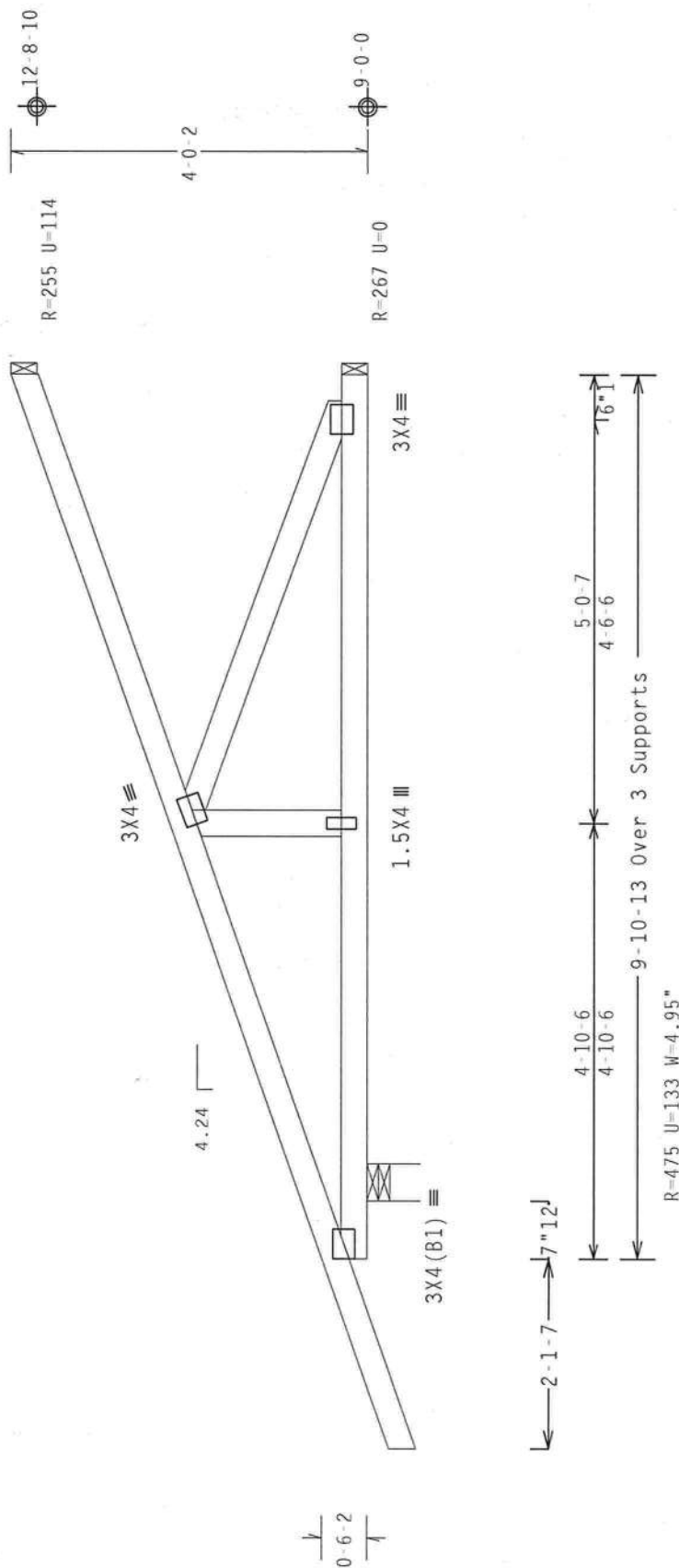


1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Sub-fascia beam assumptions: 4-6-0 sub-fascia beam on the 0-5-8 cantilever side. 4-6-0 sub-fascia beam on the 0-5-8 cantilever side.

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

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

Scale = .5"/Ft.

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



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WARNING THUSSES REQUIRE EXTREME CARE IN ERECTION, HANDLING, SHIPPING, INSTALLING AND BRACING. PLEASE READ ALL INSTRUCTIONS CAREFULLY. THIS PRODUCT IS NOT TO BE USED FOR ANY OTHER PURPOSES.
 REFLECTOR LIGHTS
 BUILDING COMPONENT SAFETY INFORMATION: PUBLISHED BY THE INTERNATIONAL ASSOCIATION OF CEMENT MFG. CO., INC., 100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND VICA GROUP TRUSS COMPANY OF AMERICA, 17600 UNIVERSITY LAKE, WARDLAW, MI 48391-9001. CALL 1-800-537-6719 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 CHANG.

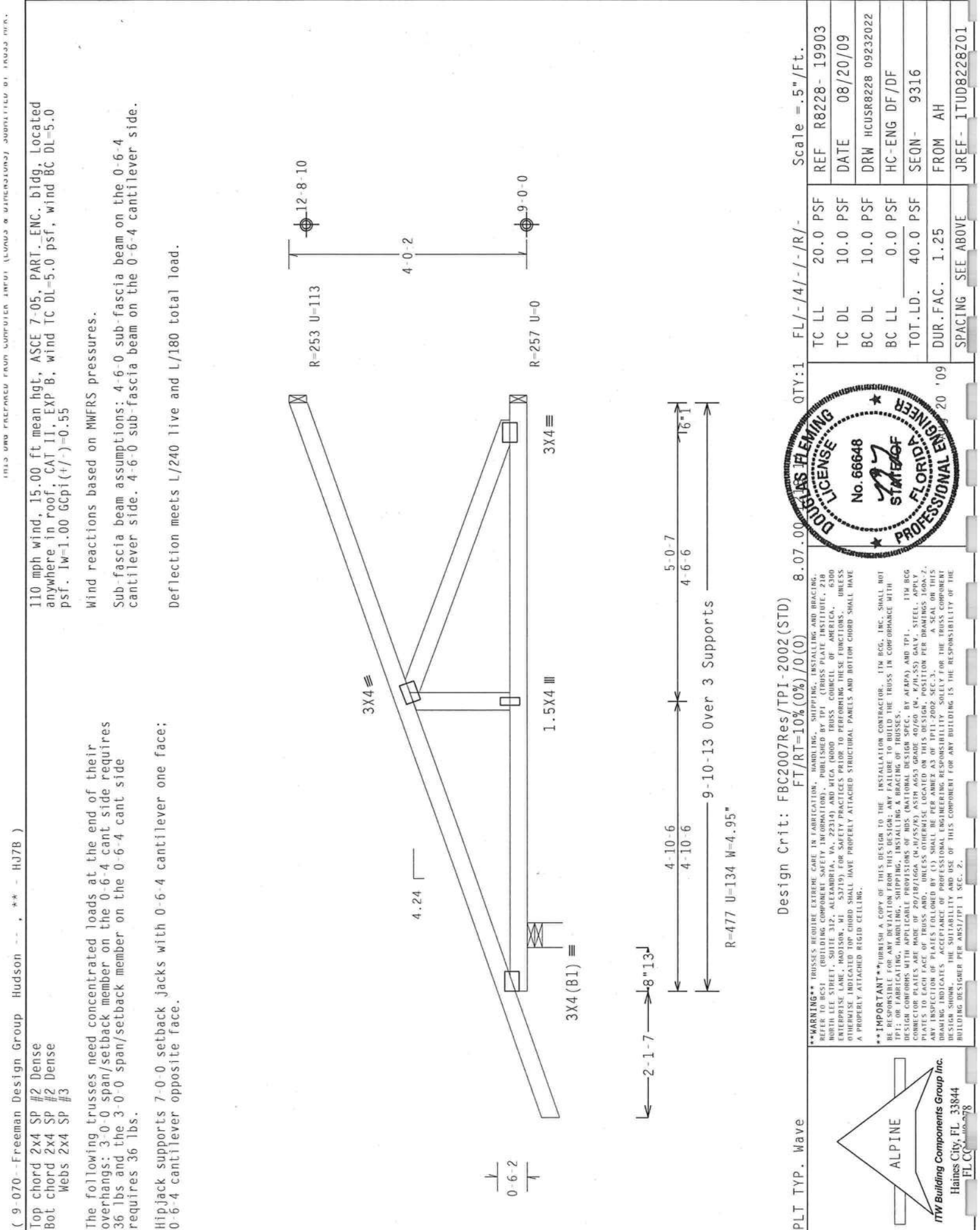
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITR BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGNER'S INTENTIONS, INCLUDING A TRACHEL DESIGN, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF THE 2010 INTERNATIONAL BUILDING CODE (IBC) AND THE 2010 IRC. CONNECTOR PLATES ARE MADE OF 20/10/16GA (0.155/0.035) ASTM A563 GRADE 40/60 (0.4/0.55) GALV. STEEL. ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEC AS OF 1P11-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AM51/1P1 1 SEC. 2.

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL CC-78



(9-070--Freeman Design Group Hudson -- , ** - HJ7B)

THIS DRAW PREPARED FROM COMPUTER INPUT (LUNDS & DIMENSIONS) SUBMITTED BY INDOOR PER.

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

QTY:1		FL/-/4/-/-/R/-	Scale = .5"/Ft.
TC LL	20.0 PSF	REF	R8228- 19903
TC DL	10.0 PSF	DATE	08/20/09
BC DL	10.0 PSF	DRW	HCUSR8228 09232022
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9316
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1TUD8228Z01



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

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PDA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 2018/2106GA (W/SS/SS) ASTM A653 GRADE 40/60 (W/SS/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY PROTECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA/PDA OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING SHALL INDICATE 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
FLCQ-100-278

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.55

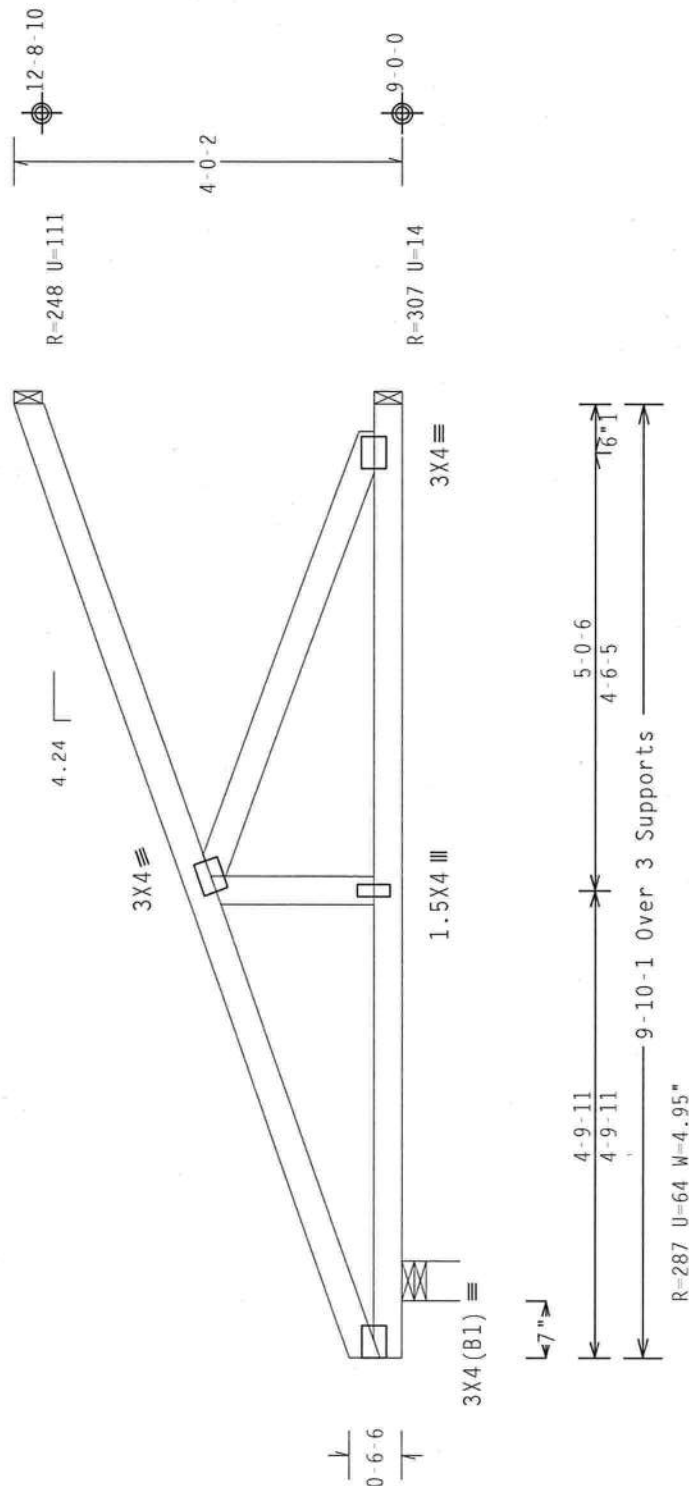
Wind reactions based on MWFRS pressures.

Sub-fascia beam assumptions: 1.0-0 sub-fascia beam on the 0.5-0 cantilever side, 1.0-0 sub-fascia beam on the 0.5-0 cantilever side.

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

The following members need concentrated loads at the heel: 1-0-0 span/setback member on the 0-5-0 cant side requires 0 lbs and the 1-0-0 span/setback member on the 0-5-0 cant side requires 0 lbs.

Hipjack supports 6-11-8 setback jacks with 0-5-0 cantilever one face; 0-5-0 cantilever opposite face.



Design Crit: FBC2007Res/TPI -2002 (STD)
FT/RT=10%(0%) / 0 (0)

PLT TYP. Wave

Scale = .5"/Ft.

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

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WARNING THUSSE'S RIGIDITY EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING MUST BE OBSERVED. THE FOLLOWING INFORMATION, FOR NORTH LEE STREET, SUITE 312, ALHAMBRA, CA 92314, AND VICA 4000, TRUSS, COUNCIL OF AMERICA, ENTERPRISE LANE, WAUKEGAN, IL 60087, MAY BE USED FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC., BY AISC/AASHTO AND TPI, CONNECTIONS WITH APPLICABLE PROVISIONS OF THIS NATIONAL DESIGN SPEC., BY AISC/AASHTO AND TPI, PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THE DRAWING, 0.60 (8) GALV. STEEL, 16GA. PER DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI 1 SEC. 2.

TC LL	20.0 PSF	REF	R8228-	19904
TC DL	10.0 PSF	DATE	08/20/09	
BC DL	10.0 PSF	DRW	HCUSR8228	0923203
BC LL	0.0 PSF	HC-ENG	DF/DF	
TOT.LD.	40.0 PSF	SEQN-	9330	
DUR.FAC.	1.25	FROM	AH	
SPACING	SEE ABOVE	DATE	11/08/22	8701

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FABRICATION INFORMATION) - 22314) AND PROPERTY PRACTICES. EVERY ATTACHMENT TO THE DESIGN; ANY FALLOUTING & BRIGANDS (NATION) (SS/K) ASIN OTHERWISE LOCATED PER ANNUAL ENGINEERING THIS COMPONE

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

The following trusses need concentrated loads at the end of their overhangs: 3-0-0 span/setback member on the 0-6-0 cant side requires 36 lbs and the 3-0-0 span/setback member on the 0-6-0 cant side requires 36 lbs.

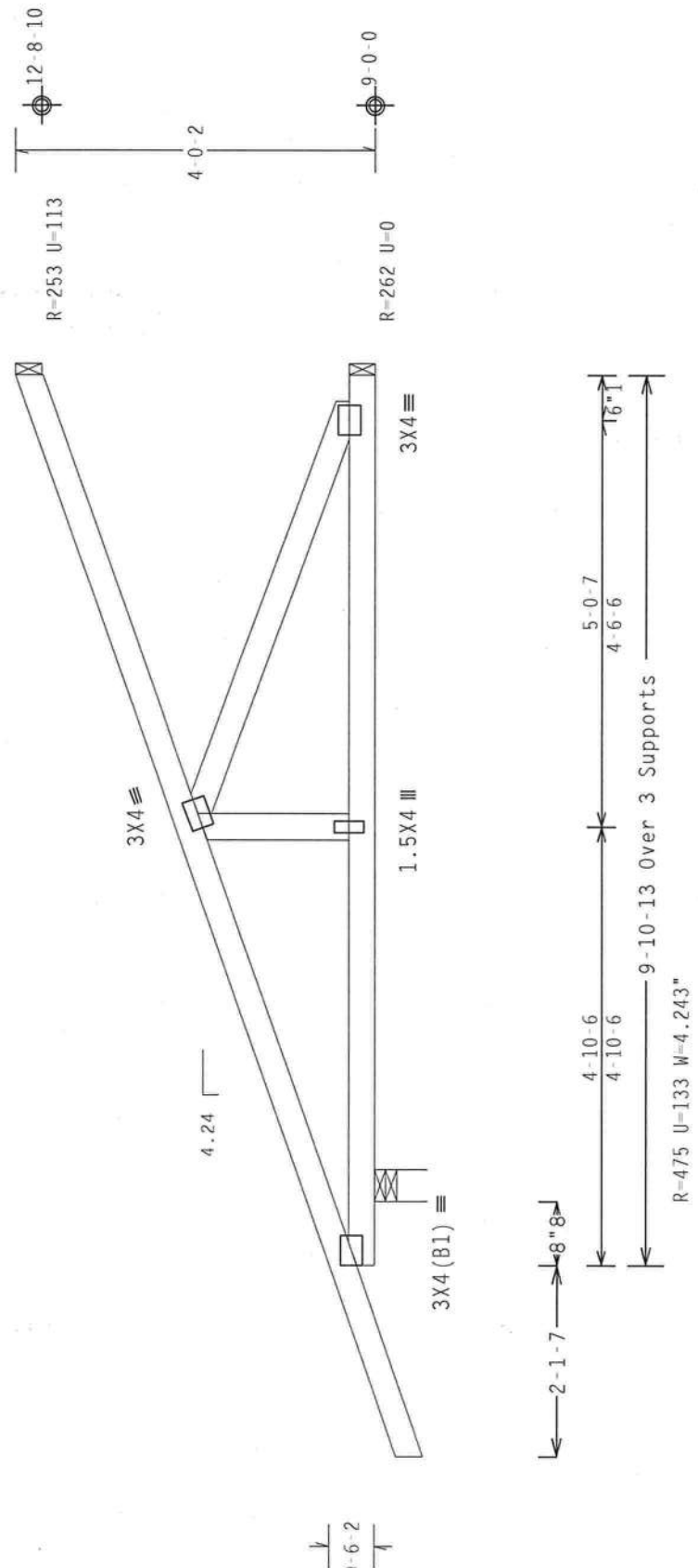
Hipjack supports 7-0-0 setback jacks with 0-6-0 cantilever one face; 0-6-0 cantilever opposite face.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC, bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 GCpi (+/-)=0.55

Wind reactions based on MWFRS pressures.

Sub-fascia beam assumptions: 4-6-0 sub-fascia beam on the 0-6-0 cantilever side, 4-6-0 sub-fascia beam on the 0-6-0 cantilever side.

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



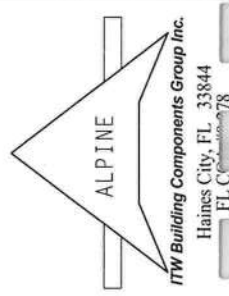
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .5"/Ft.



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFERENCE TO BE MADE TO THE BUILDING CODES, SPECIFICATIONS, AND TPI-2002. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES. TRUSSES ARE NOT TO BE USED FOR ANY OTHER PURPOSES.

****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-2002 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI-2002 OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES.



TC LL	20.0 PSF	REF	R8228- 19905
TC DL	10.0 PSF	DATE	08/20/09
BC DL	10.0 PSF	DRW	HGUSR8228 09232034
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN	9321
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF	1TUD8228Z01

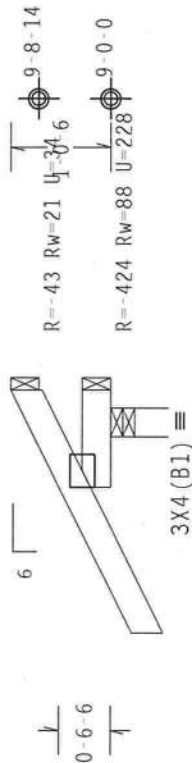
ITW Building Components Group Inc.
Haines City, FL 33844
FLC00000078

Negative reaction(s) of -423# MAX. (See below) from a non-wind load case requires uplift connection.

1110 mph wind, 15.00 ft mean hgt., ASCE 7-05, PART_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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

Provide (3) 16d (0.162"x3.5") nails toe-nailed at top chord.
Provide (3) 16d (0.162"x3.5") nails toe-nailed at bottom chord.



$\leftarrow 1-6-0 \rightarrow 6'' 4$
 1-0-0 Over 3 Supports
 $R=650 \quad U=13$
 $RL=28/-22$

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave

8.07.00.

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

Scale = 5"/Ft.

[illegible]

IMPORTANT—URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH (1) FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, (2) CONSTRUCTION OF THE TRUSS BASES (ANCHORAGE DESIGN SPEC. BY ACP&D) AND TYPICAL BEG (3) CONNECTIONS TO THE TRUSS, (4) OVERLAP OF TRUSSES, (5) BRACING, (6) STEEL JOINTS, (7) TRUSS PLATES TO EACH FACE OF TRUSS AND, (8) UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS T601-2. A SEAL OR 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 1.3.C.1-2.

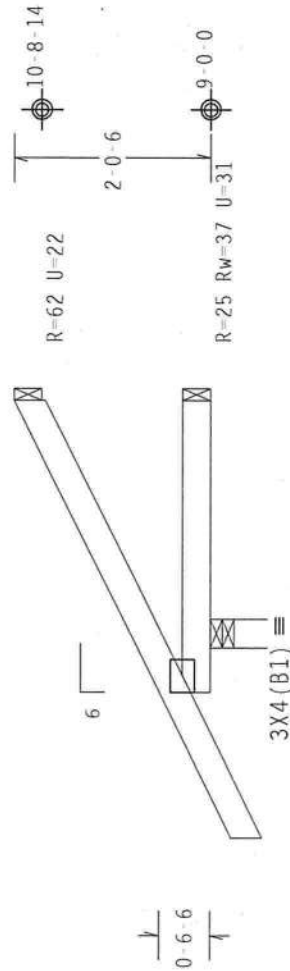


TC LL	20.0	PSF	REF	R8228 -	19906
TC DL	10.0	PSF	DATE	08/20/09	
BC DL	10.0	PSF	DRW	HCUSR8228	09232025
BC LL	0.0	PSF	HC-ENG	DF/DF	
TOT.LD.	40.0	PSF	SEQN -	9254	
DUR.FAC.	1.25		FROM	AH	
SPACING	24.0"		JREF -	1TUD8228Z01	

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.55

Wind reactions based on MWFRS pressures.

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



$\leftarrow 1-6-0 \rightarrow 5" 8'$
 $\leftarrow 3-0-0 \text{ Over } 3 \text{ Supports} \rightarrow$
 $R=312 \quad U=41 \quad W=3.5"$
 $RL=52/-27$

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

Scale = .5"/Ft.

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

QTY: 5

DOUGLAS FLEAS

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FT/RT=10%(0%)

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rP. Wave

17d

WARNING: TRUSSES PROVIDING EXTREME CARE IN FABRICATION. LAND INC. SHIPPING, INSTALLING AND BRACING. REFER TO DESI BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE INTERNATIONAL TRUSS SOCIETY, 6200 EURLIFE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND A GOOD TRUSS COUNCIL OF AMERICA, 6200 EURLIFE STREET, MOBILE, AL 36615 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 CUTTING.

****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR FOR ITM BEG., INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1-0R FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

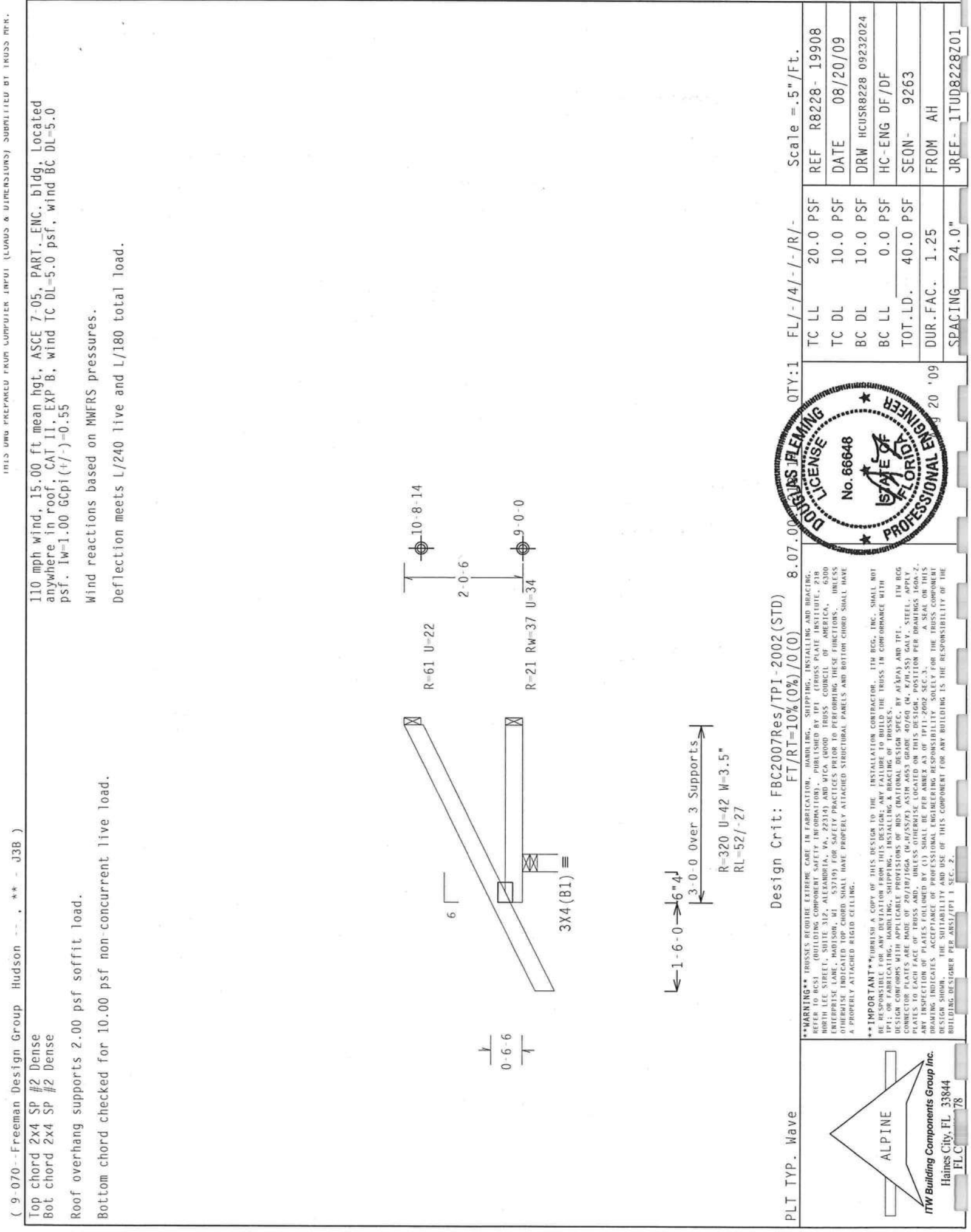
DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC., BY AREA) AND TPI - ITEM BCG PER AGREEMENT WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC., BY AREA). SEE ITEM C, SECTION 1. PLATES TO EACH FACE OF THUSSED AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY U) SHALL BE PER AMEX A.3 OF TPI 2909 SEC. 3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT IDENTIFIED HEREIN. NO PART OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMEX/TPI 1 SEC. 2.



ITW Building Components Group Inc.
Haines City, FL 33844

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THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS PERK.

(9-070--Freeman Design Group Hudson **, ** - J3B)

PLT TYP. Wave		ALPINE		ITW Building Components Group Inc. Haines City, FL 33844 FLC 00000078					
Design Crit: FBC2007Res/TPI-2002 (STD) FT/RT=10%(0%) / 0(0)		8.07.00		QTY: 1		FL / - 4 / - / - R / -		Scale = .5" / Ft.	
***WARNING** TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALWAYS FOLLOWING COMPLETION SAFETY INFORMATION. PUBLISHED BY TPI CROSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 100, ALPINE, MA 01906. ALL TRUSSES MUST BE PROPERLY IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193 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.		No. 86648		JUL 20 '09		TC LL 20.0 PSF		REF R8228 - 19908	
						TC DL 10.0 PSF		DATE 08/20/09	
						BC DL 10.0 PSF		DRW HCUSR8228 09232024	
						BC LL 0.0 PSF		HC-ENG DF / DF	
						TOT.LD. 40.0 PSF		SEQN - 9263	
						DUR.FAC. 1.25		FROM AH	
						SPACING 24.0"		JREF - 1TUD8228Z01	
***IMPORTANT** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION OF THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN INFORMATION, INCLUDING FABRICATION, SHIPPING, INSTALLING AND BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLER. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. ALL TRUSSES MUST BE IDENTIFIED BY THE ENTERPRISE LABEL. MODELSON, RI 527193. 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****WARNING**** TRUSSES RESIST EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI BUILDING COMPONENTS, INC. FOR TRUSS MANUFACTURING INSTRUCTIONS. TRUSSES ARE TO BE USED IN CONFORMANCE WITH THE FOLLOWING: NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304 AND WCA (WOOD TRUSS) COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

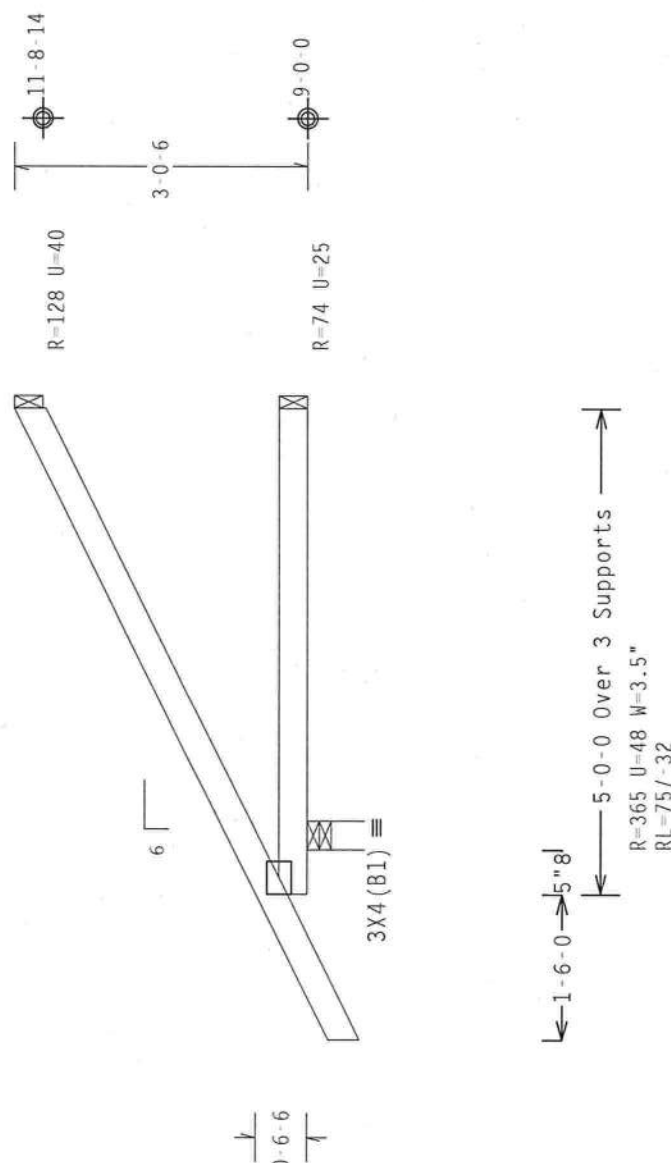
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PA) AND TPI. ITH BCG CONNECTOR PLATES ARE MADE OF 2017B/16GA (40/55/55) ASTM A653 GRADE 40/50 (40/50) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF 1/11/2002 SEC.3. A SEAL ON THIS DRAWING SHALL BE THE SURETY OF THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

ITH Building Components Group Inc.
Haines City, FL 33844
FLC 178

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non concurrent live load.
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind ic DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.55
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

8.07.00 QTY:5 FL/-/4/-/1-/R/- Scale = .5"/Ft.

TC LL	20.0 PSF	REF	R8228- 19909
TC DL	10.0 PSF <td>DATE</td> <td>08/20/09</td>	DATE	08/20/09
BC DL	10.0 PSF	DRW	HCUSR8228 09232018
BC LL	0.0 PSF <td>HC-ENG</td> <td>DF/DF</td>	HC-ENG	DF/DF
TOT.LD.	40.0 PSF <td>SEQN</td> <td>9266</td>	SEQN	9266
DUR.FAC.	1.25 <td>FROM</td> <td>AH</td>	FROM	AH
SPACING	24.0"	JREF	1TUD8228Z01

ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL 08228-19909

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Aug 20 '09

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCGS BUILDING COMPONENTS GROUP, INC. 1111 BCGS BUILDING, SUITE 312, ALEXANDRIA, VA, 22304 AND MCA (MCA) TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

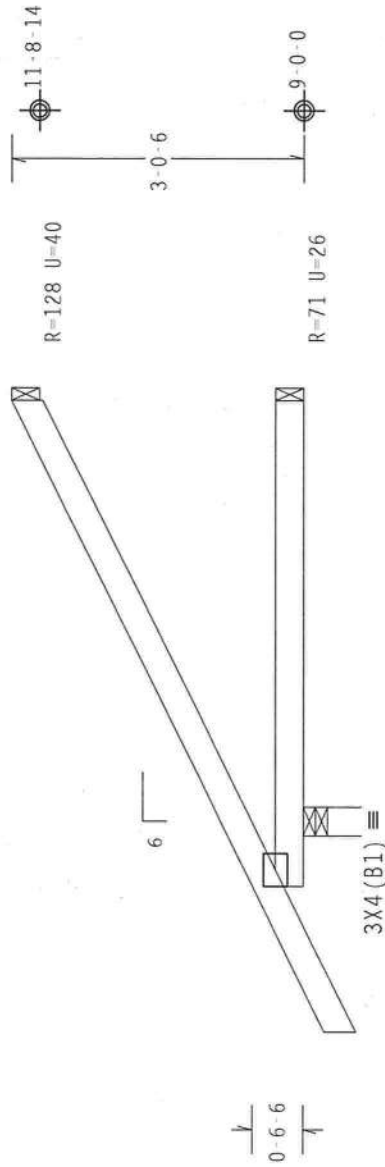
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DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BCS (NATIONAL DESIGN SPEC, BY AERPA) AND TPI. 1TH BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (N-J/SS/K) ASTM A653 GRADE 40/60 (N, K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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



$\overleftarrow{L-1-6-0} \rightarrow 6''4J$

$\overleftarrow{\quad\quad\quad} \overrightarrow{\quad\quad\quad}$ 5-0-0 Over 3 Supports

R=371 U=47 W=3.5"
RL=75/-32

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

8.07.00

QTY:1 ELI-141-1-1R/-

Scale = 5"/Ft.

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECSI TRUSS COMPANY SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2108 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

TC LL	20.0 PSF	REF R828- 19910
TC DL	10.0 PSF	DATE 08/20/09

****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DESIGNER'S FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE SPECIFICATIONS AND SHOPPING LIST PROVIDED BY THE DESIGNER.

THIS TRUSS IS DESIGNED TO MEET THE PROVISIONS OF NDS (NATIONAL DESIGN SPEC.) FOR ALKAPA AND TP1. CONNECTOR PLATES ARE MADE OF 20X10/16GA. Q198/55SP3. ALL A653 GRADE 40/60 (A, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. IF ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBX A.3 OF TP11-2002 SEC.3.

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 AIAA/TP1.1 E.C. 2.

BC DL	10.0 PSF	DKW HCU08R228 09Z3202
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 9272
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TUD8228701



ITW Building Components Group Inc.
Haines City, FL 33844
FL 33844-78

Negative reaction(s) of -385# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASEC 7-05, PART_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 Gcpi (+/-) 0.55

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

Provide (2) 16d (0.162"x3.5") nails toe-nailed at top chord.
Provide (3) 16d (0.162"x3.5") nails toe-nailed at bottom chord.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

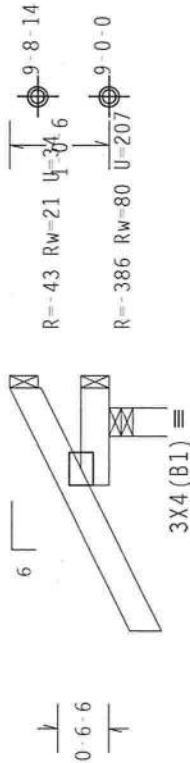


Diagram of a beam section showing a 1-6-0 beam with a 6-inch depth and 1-0-0 over 3 supports.

R=611 U=126 W=3.5"
RL=28/-22

Design Crit: FBC2007Res/TPI -2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave

8.07.00

OTY:1

FL1-141-1-1R1-

Scale = 5"/Ft.

[illegible]

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1. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING LOADS:

- a. DEAD LOAD: 10 PSF
- b. LIVE LOAD: 40 PSF
- c. WIND LOAD: 15 PSF
- d. SEISMIC LOAD: 0.1 G

2. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS:

- a. DEAD MOMENT: 10 KIP-FT
- b. LIVE MOMENT: 40 KIP-FT
- c. WIND MOMENT: 15 KIP-FT
- d. SEISMIC MOMENT: 0.1 KIP-FT

3. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING DEFLECTIONS:

- a. DEAD DEFLECTION: 1/16 IN
- b. LIVE DEFLECTION: 1/8 IN
- c. WIND DEFLECTION: 1/16 IN
- d. SEISMIC DEFLECTION: 0.1 IN

4. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING TENSILE FORCES:

- a. DEAD TENSILE FORCE: 10 KIP
- b. LIVE TENSILE FORCE: 40 KIP
- c. WIND TENSILE FORCE: 15 KIP
- d. SEISMIC TENSILE FORCE: 0.1 KIP

5. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING COMPRESSIVE FORCES:

- a. DEAD COMPRESSIVE FORCE: 10 KIP
- b. LIVE COMPRESSIVE FORCE: 40 KIP
- c. WIND COMPRESSIVE FORCE: 15 KIP
- d. SEISMIC COMPRESSIVE FORCE: 0.1 KIP

6. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING SHEAR FORCES:

- a. DEAD SHEAR FORCE: 10 KIP
- b. LIVE SHEAR FORCE: 40 KIP
- c. WIND SHEAR FORCE: 15 KIP
- d. SEISMIC SHEAR FORCE: 0.1 KIP

7. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING TORSIONAL FORCES:

- a. DEAD TORSIONAL FORCE: 10 KIP-FT
- b. LIVE TORSIONAL FORCE: 40 KIP-FT
- c. WIND TORSIONAL FORCE: 15 KIP-FT
- d. SEISMIC TORSIONAL FORCE: 0.1 KIP-FT

8. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS:

- a. DEAD MOMENT AND DEFLECTION: 10 KIP-FT AND 1/16 IN
- b. LIVE MOMENT AND DEFLECTION: 40 KIP-FT AND 1/8 IN
- c. WIND MOMENT AND DEFLECTION: 15 KIP-FT AND 1/16 IN
- d. SEISMIC MOMENT AND DEFLECTION: 0.1 KIP-FT AND 0.1 IN

9. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING TENSILE AND COMPRESSIVE FORCES:

- a. DEAD TENSILE AND COMPRESSIVE FORCE: 10 KIP
- b. LIVE TENSILE AND COMPRESSIVE FORCE: 40 KIP
- c. WIND TENSILE AND COMPRESSIVE FORCE: 15 KIP
- d. SEISMIC TENSILE AND COMPRESSIVE FORCE: 0.1 KIP

10. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING SHEAR AND TORSIONAL FORCES:

- a. DEAD SHEAR AND TORSIONAL FORCE: 10 KIP
- b. LIVE SHEAR AND TORSIONAL FORCE: 40 KIP
- c. WIND SHEAR AND TORSIONAL FORCE: 15 KIP
- d. SEISMIC SHEAR AND TORSIONAL FORCE: 0.1 KIP

11. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND TENSILE FORCES:

- a. DEAD MOMENT AND TENSILE FORCE: 10 KIP-FT AND 10 KIP
- b. LIVE MOMENT AND TENSILE FORCE: 40 KIP-FT AND 40 KIP
- c. WIND MOMENT AND TENSILE FORCE: 15 KIP-FT AND 15 KIP
- d. SEISMIC MOMENT AND TENSILE FORCE: 0.1 KIP-FT AND 0.1 KIP

12. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND COMPRESSIVE FORCES:

- a. DEAD MOMENT AND COMPRESSIVE FORCE: 10 KIP-FT AND 10 KIP
- b. LIVE MOMENT AND COMPRESSIVE FORCE: 40 KIP-FT AND 40 KIP
- c. WIND MOMENT AND COMPRESSIVE FORCE: 15 KIP-FT AND 15 KIP
- d. SEISMIC MOMENT AND COMPRESSIVE FORCE: 0.1 KIP-FT AND 0.1 KIP

13. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND SHEAR FORCES:

- a. DEAD MOMENT AND SHEAR FORCE: 10 KIP-FT AND 10 KIP
- b. LIVE MOMENT AND SHEAR FORCE: 40 KIP-FT AND 40 KIP
- c. WIND MOMENT AND SHEAR FORCE: 15 KIP-FT AND 15 KIP
- d. SEISMIC MOMENT AND SHEAR FORCE: 0.1 KIP-FT AND 0.1 KIP

14. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND TORSIONAL FORCES:

- a. DEAD MOMENT AND TORSIONAL FORCE: 10 KIP-FT AND 10 KIP-FT
- b. LIVE MOMENT AND TORSIONAL FORCE: 40 KIP-FT AND 40 KIP-FT
- c. WIND MOMENT AND TORSIONAL FORCE: 15 KIP-FT AND 15 KIP-FT
- d. SEISMIC MOMENT AND TORSIONAL FORCE: 0.1 KIP-FT AND 0.1 KIP-FT

15. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TENSILE FORCES:

- a. DEAD MOMENT AND DEFLECTION AND TENSILE FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND TENSILE FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND TENSILE FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND TENSILE FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

16. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND COMPRESSIVE FORCES:

- a. DEAD MOMENT AND DEFLECTION AND COMPRESSIVE FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND COMPRESSIVE FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND COMPRESSIVE FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND COMPRESSIVE FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

17. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND SHEAR FORCES:

- a. DEAD MOMENT AND DEFLECTION AND SHEAR FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND SHEAR FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND SHEAR FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND SHEAR FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

18. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TORSIONAL FORCES:

- a. DEAD MOMENT AND DEFLECTION AND TORSIONAL FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP-FT
- b. LIVE MOMENT AND DEFLECTION AND TORSIONAL FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP-FT
- c. WIND MOMENT AND DEFLECTION AND TORSIONAL FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP-FT
- d. SEISMIC MOMENT AND DEFLECTION AND TORSIONAL FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP-FT

19. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE FORCES:

- a. DEAD MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

20. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND SHEAR AND TORSIONAL FORCES:

- a. DEAD MOMENT AND DEFLECTION AND SHEAR AND TORSIONAL FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND SHEAR AND TORSIONAL FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND SHEAR AND TORSIONAL FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND SHEAR AND TORSIONAL FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

21. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE AND SHEAR FORCES:

- a. DEAD MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

22. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL FORCES:

- a. DEAD MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

23. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS:

- a. DEAD MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

24. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE FORCES:

- a. DEAD MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE FORCE: 10 KIP-FT AND 1/16 IN AND 10 KIP
- b. LIVE MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE FORCE: 40 KIP-FT AND 1/8 IN AND 40 KIP
- c. WIND MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE FORCE: 15 KIP-FT AND 1/16 IN AND 15 KIP
- d. SEISMIC MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE FORCE: 0.1 KIP-FT AND 0.1 IN AND 0.1 KIP

25. THE TRUSS SHALL BE DESIGNED TO SUPPORT THE FOLLOWING MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE AND SHEAR FORCES:

- a. DEAD MOMENT AND DEFLECTION AND TENSILE AND COMPRESSIVE AND SHEAR AND TORSIONAL AND MOMENTS AND DEFLECTIONS AND TENSILE AND COMPRESSIVE AND SHEAR FORCE: 10 KIP-FT AND 1/16



TC	11	20	0	PSE
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OFF D8228- 10011

166T - 0270N JLV

DATE 08/20/09

ORW HCUSR8228 092320

HC-ENG DF/DE

DATE	DESCRIPTION	AMOUNT
10/10/2017	...	...
10/11/2017	...	...
10/12/2017	...	...
10/13/2017	...	...
10/14/2017	...	...
10/15/2017	...	...
10/16/2017	...	...
10/17/2017	...	...
10/18/2017	...	...
10/19/2017	...	...
10/20/2017	...	...
10/21/2017	...	...
10/22/2017	...	...
10/23/2017	...	...
10/24/2017	...	...
10/25/2017	...	...
10/26/2017	...	...
10/27/2017	...	...
10/28/2017	...	...
10/29/2017	...	...
10/30/2017	...	...
10/31/2017	...	...

9275 SEQN-

FROM AH

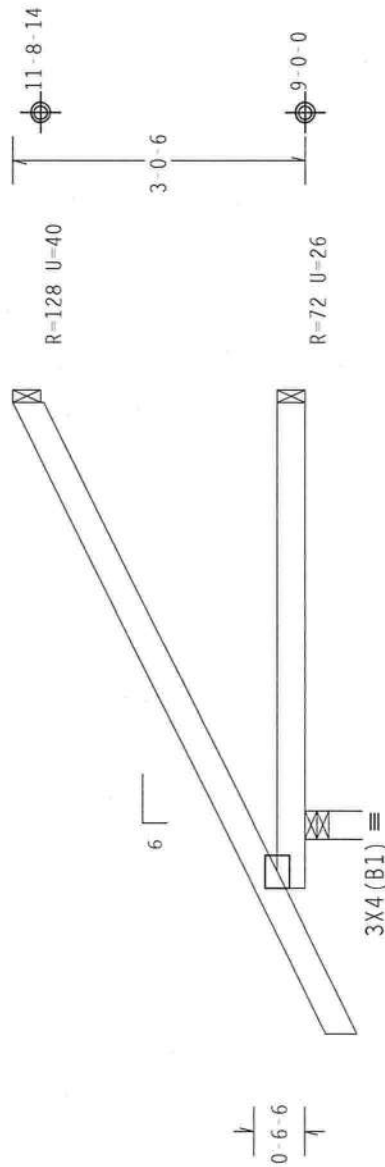
TREF- 1TUD8228701

188

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi (+/-)=0.55

Wind reactions based on MWFRS pressures.

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



$\overleftarrow{\text{1-6-0-6"}}$
 $\overleftarrow{\text{5-0-0}}$
Over 3 Supports

$R = 369$
 $U = 47$
 $W = 3.5"$
 $RL = 75 / -32$

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

Scale = .5"/Ft.

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

QTY:1

EVAS FLEA

8.07.00

8.

(0) 0 / (%0)

RT=10% (C

FT/IR

55

33

ave

TYP. W.

PLT

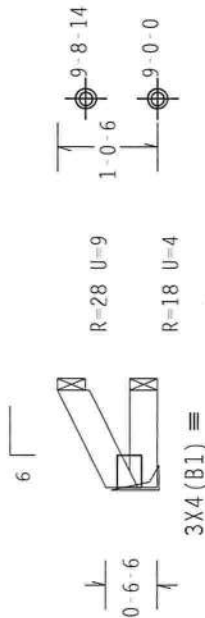
WARNING: THORSS'S RIGIDITY EXTREME CABLE IN FABRICATION, SUPPLYING, INSTALLING AND BRACING REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION PUBLISHED BY THE AMERICAN INSTITUTE OF NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND AISC, 6000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719 FOR SAFETY PRACTICES AND TO PREVENT THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID BEAMS.

[illegible]

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)0.55

Wind reactions based on MWFRS pressures.



1-0-0 Over 3 Supports

 $R=45 \quad ||=3$

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

8-07-00-1-18574-01 QTY:1

Scale = 5" / Ft.

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RITZ TO BEST QUALITY COMPONENT SAFETY INFORMATION, PUBLISHED BY IPTI (THUSS PLATE INSTITUTE, 218 ENTERPRISE LANE, BUILDING 500, MARIETTA, GA 30067, 404/472-2222, FAX 404/472-2223, WWW.IPTI.ORG). THE FOLLOWING INFORMATION IS FOR INFORMATIONAL PURPOSES ONLY. RITZ DOES NOT WARRANT THE ACCURACY OF THIS INFORMATION. THE USER OF THIS INFORMATION SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE INFORMATION. THE USER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

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

DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING OF TRUSSES, CONCRETOR PLATES ARE MADE OF 20/18/1768 (M/H/255K) ASTM A653 GRADE 40/60 (M, K/H/55) GALV. STEEL. PLATES TO EACH TYPE OF TRUSS AND, OTHERWISE LOCATED THIS DESIGN, PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1911-2002 SEC. 2.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AS/1/11 1. SEC. 2.



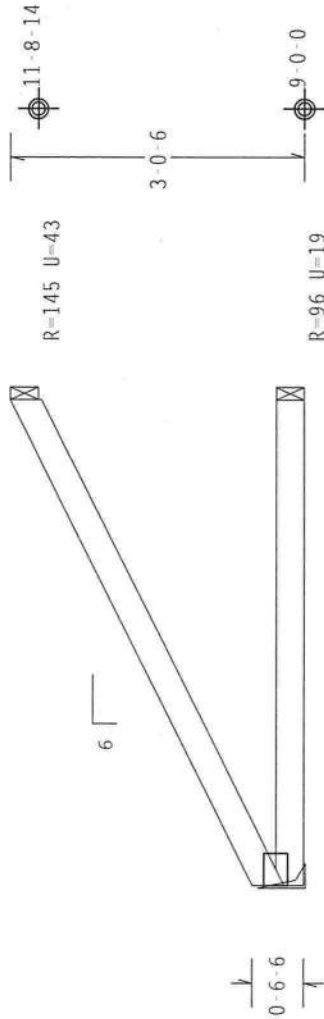
TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT.LD.	40.0	PSF
DUR.FAC.	1.25	
SPACING	24.0"	

REF	R8228	19914
DATE	08/20/09	
ORW	HCUR8228	092320303
HC-ENG	DF/DF	
SEON-	9284	
ROM	AH	
REF-	1TUD8228Z01	

ITW Building Components Group Inc.
Haines City, FL 33844
FL 888-222-7878

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.55

Wind reactions based on MWFRS pressures.


$$3 \times 4(B1) \equiv$$

5-0-0 Over 3 Supports

R=209 U=28

RL-57

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

8.07.00

QTY: 1

E11-141-1-1R1-

Scale = 5"/Ft

TC LL	20.0 PSF	REF	R8228- 19916
TC DL	10.0 PSF	DATE	08/20/09
BC DL	10.0 PSF	DRW	HCUSR8228 09232029
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9292
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TUD8228Z01

[illegible]

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

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL AMERICAN STEEL INSTITUTE (AISI) AND TP1. ALL CONNECTOR PLATES ARE MADE OF 207/1816 GRADE (41-55%K) ASTM A563 GRADE 40/60 (M. K/R-55%) GALV. STEEL, APPLY INSPECTION OF PLATES FOLLOWED BY CUT SHALL BE REQUIRED BY TP1-2002 SECTION 2.02.2.1.

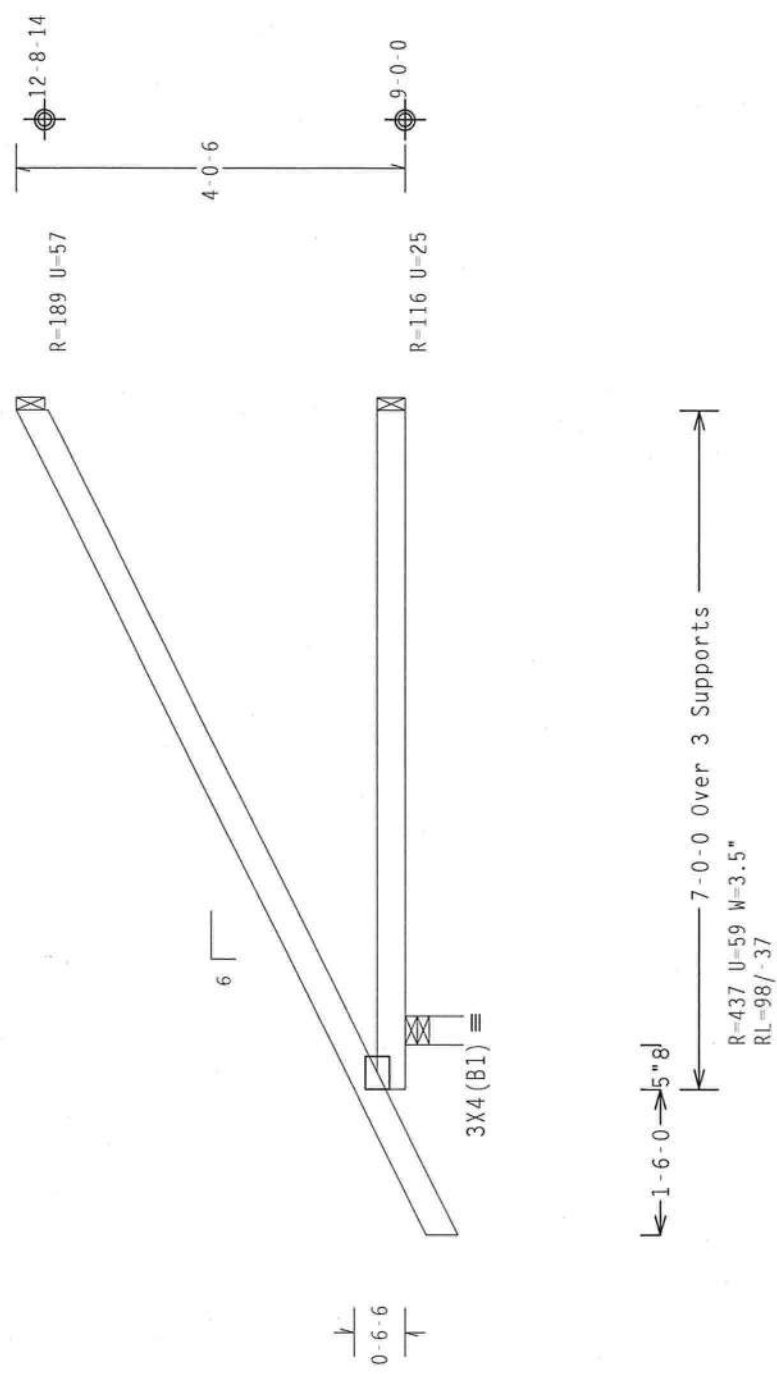
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

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

Top chord 2x4 SP #2 Dense	110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.55
Bot chord 2x4 SP #2 Dense	
Roof overhang supports 2.00 psf soffit load.	Wind reactions based on MWFRS pressures.
Bottom chord checked for 10.00 psf non-concurrent live load.	Deflection meets L/240 live and L/180 total load.

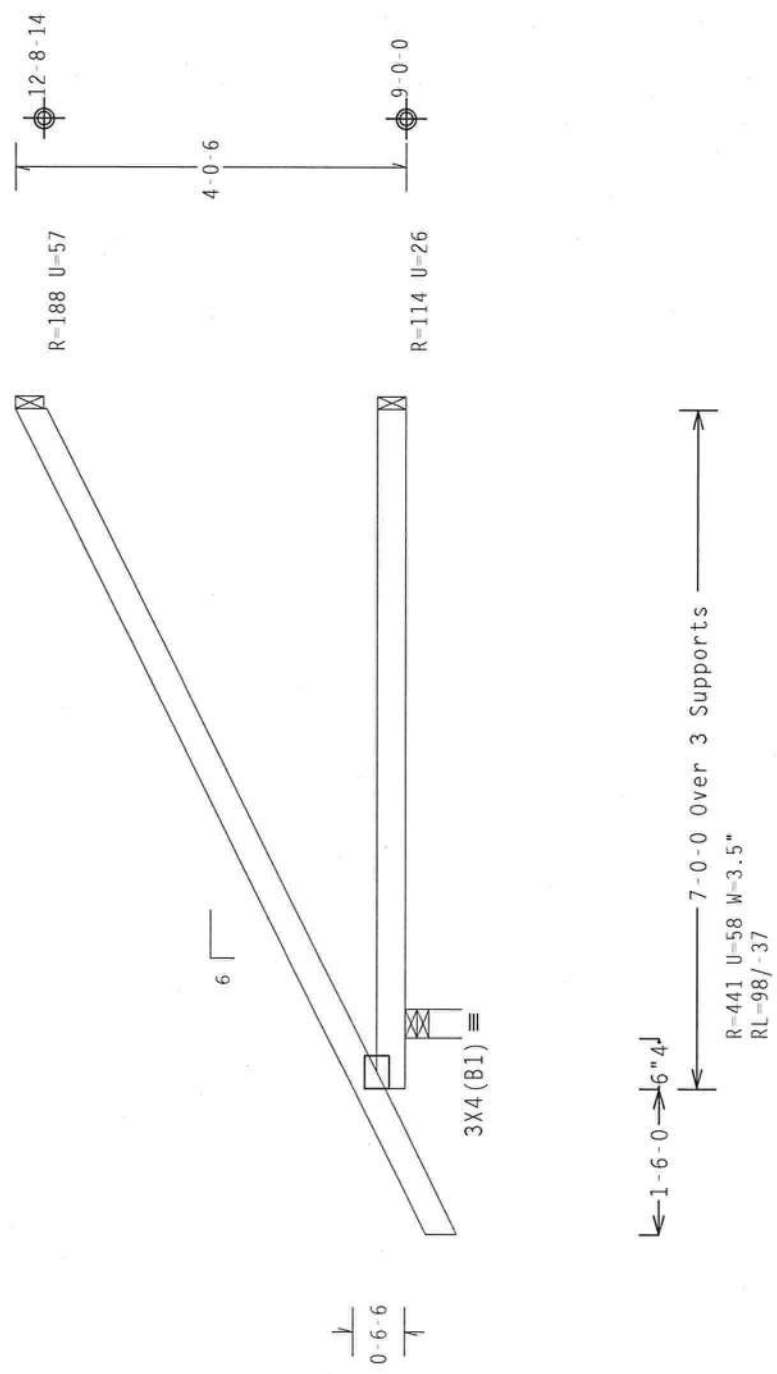


PLT TYP. Wave

Scale = .5"/Ft.

[illegible]

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)0.55
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETURN TO BEST (STRUCTURAL COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLATE INSTITUTE, 718 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WCA (WOOD TRUSSES COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

***** IMPORTANT ***** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN COMPROMISES THE STRENGTH, STABILITY, INSTALLATION, SHIPPING, AND HANDLING OF THE TRUSSES. THE DESIGNER'S INTENT IS TO PROVIDE A TRUSS THAT MEETS THE FOLLOWING DESIGN CRITERIA:

1. ALL TRUSS MEMBER CORRELATOR PLATES ARE MADE OF 2018/T3684 (OR 1/4"X5/8"X1/4") ASTM A563 GRADE 40/50 (OR 4/10X5/8") GALV. STEEL APPLIED TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2.

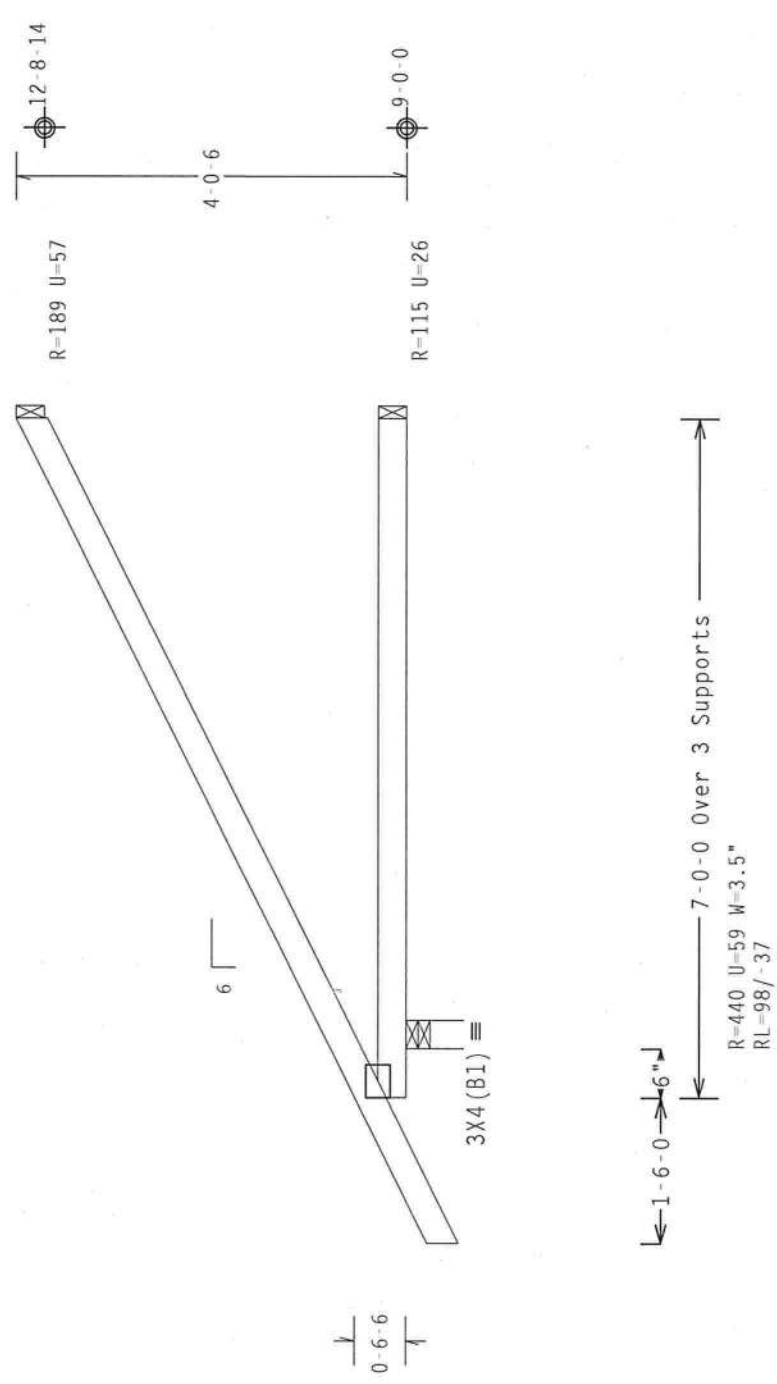
2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBIX 45 OF TP11-2002 SEC. 3.

3. 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 AMBIX/TP1 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 19918
TC DL	10.0 PSF	DATE	08/20/09
BC DL	10.0 PSF	DRW	HCUSR8228 09232028
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	9299
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1TU08228701

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Roof overhang supports 2.00 psf soffit load.
Bottom chord checked for 10.00 psf non-concurrent live load.
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART-ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{CPI}(+/-)=0.55$
Wind reactions based on MWFRS pressures.
Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)70(0)

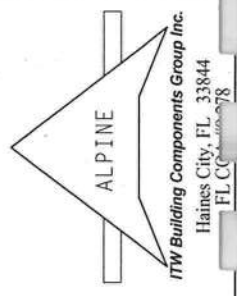
PLT TYP. Wave	QTY: 3	FL/-/4/-/-/R/-	Scale = .5"/Ft.
REF	R8228-	19919	
DATE	08/20/09		
DRW	HCUSR8228	09232039	
HC-ENG	DF/DF		
SEON-	9302		
FROM	AH		
JREF-	1TUD8228Z01		



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RES. BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND AISC, 6000 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. THE 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 AISI (NATIONAL DESIGN SPEC., BY AISI) AND TPI1. THE BCG CONNECTOR PLATES ARE MADE OF 2018T/16GA (4-H/55/P) ASTM A653 GRADE 40/60 (4. K/H-SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISI 3.3 OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN INDICATES THE DESIGNER'S RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISI/TPI1 SEC. 2.

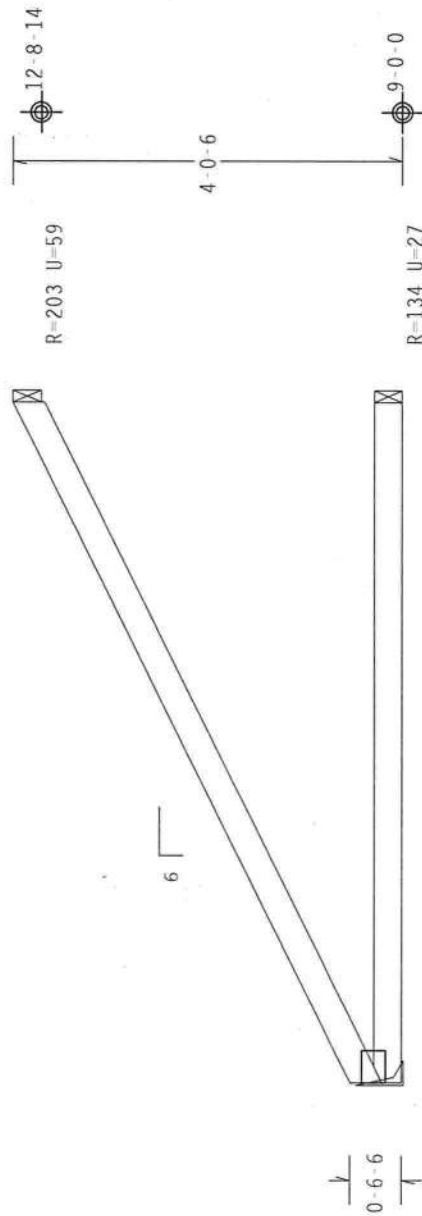


110 mph wind, 15.00 ft mean hgt, ASCE 7-05, PART_ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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


$$3 \times 4(B1) \equiv$$

7-0-0 Over 3 Supports

R-292 U-41

RL=80

Design Crit: FBC2007Res/TPI-2002(STD)

 $FT/RT=10\%(0\%)/0(0)$

8.07.00.

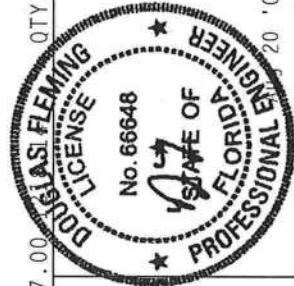
QTY:1

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

Scale = .5"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO BCSI BUILDING COMPONENT SAFETY INFORMATION FOR INFORMATION ON TRUSS SAFETY. BCSI, INC., 10000 N. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304 AND AISC, 9000 TRUSS COUNCIL OF AMERICA, 63000 ENTERPRISE LANE, HADISON, MI 48321 FOR SAFETY PRACTICES TO PREFORMING 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 VIOLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITM BCG DESIGN COMBINES WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/PDA) AND TP2. ITM BCG DESIGNERS WILL BE RESPONSIBLE FOR THE DESIGN OF ALL TRUSS COMPONENTS PER DRAWINGS 160A-2 THROUGH 160A-7. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 THROUGH 160A-7. PLATES TO EACH FACE OF JOINTS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 THROUGH 160A-7. IF ANY INSPECTION OF PLATES (TP1) SHALL BE PER AMER A-3 OF TP1-2009 SEC.2. A SEAL ON THIS TRUSS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMER A-3 TP1-2009 SEC.2.



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

REF R8228- 19920

DATE 08/20/09

DRW HCUSR8228 09232038

HC-ENG	DF/DF
--------	-------

SEON- 9305

FROM AH

JREF- 1TUD8228Z01

PLT TYP. Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

FL. CO. 78

	Top	chord	2x4	SP	#2	Dense
Bot	chord	2x6	SP	#1	Dense	
	webs	2x4	SP	#3		

Special loads

	Dur.Fac.=1.25 /	Plate Dur.	Fac.-1.25)
(Lumber			
TC - From	62 plf at 0.00 to	62 plf at	3.88
BC - From	20 plf at 0.00 to	20 plf at	3.88
BC -	1153 lb Conc. Load at	1.94	

11110 mph wind, 17.06 ft mean hgt, ASCE 7-05, 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.

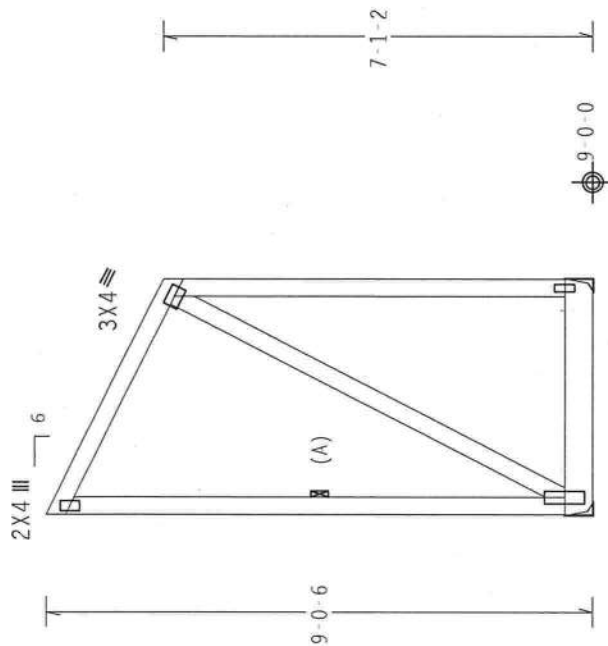
End verticals not exposed to wind pressure.

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

(A) Continuous lateral bracing equally spaced on member.

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

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

 $2.5 \times 8(R) \quad |||$

1"12 3-8-12 3-7-0 1"12
3-10-8 Over 2 Supports

R-736 U-103


 RL = -31 H=Simpson LUG
 10d, 0.148"x1.5" nails in Truss
 16d Common, 0.162"x3.5" nails in Girder
 Girder is 1)2X0 min. So.Pine

R-736 U=103 H=Simpson LU26
w/ (4) 10d, 0.148"x1.5" nails in Truss
w/ (6) 16d Common, 0.162"x3.5" nails in Girder
Girder is (1)2X0 min. So.Pine

Design Crit: FBC2007Res/TPI-2002(STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave

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

Scale = .3125"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TRUSSES MUST BE SECURED TO THE SUPPORTS BY AN ANCHORAGE SYSTEM. SEE THE FOLLOWING LIST OF TRUSS MANUFACTURERS FOR THE LOCATION OF THE NEAREST TRUSS MANUFACTURER. NORTH LEBANON, OHIO 43121, ALABAMA, 36814, ARIZONA, 85018, ARKANSAS, 72701, CALIFORNIA, 92506, COLORADO, 80501, CONNECTICUT, 06106, DELAWARE, 19702, FLORIDA, 32609, GEORGIA, 30108, ILLINOIS, 60160, INDIANA, 46001, IOWA, 50319, KANSAS, 66101, KENTUCKY, 40203, LOUISIANA, 70002, MAINE, 04102, MARYLAND, 21201, MASSACHUSETTS, 02108, MICHIGAN, 48106, MINNESOTA, 55401, MISSISSIPPI, 39201, MISSOURI, 63101, MONTANA, 59101, NEBRASKA, 68101, NEVADA, 89101, NEW HAMPSHIRE, 03001, NEW JERSEY, 07001, NEW MEXICO, 87101, NEW YORK, 10001, NORTH CAROLINA, 27601, NORTH DAKOTA, 58101, OHIO, 43001, OKLAHOMA, 73101, OREGON, 97101, PENNSYLVANIA, 19101, RHODE ISLAND, 02901, SOUTH CAROLINA, 29001, SOUTH DAKOTA, 57001, TENNESSEE, 37201, TEXAS, 75201, UTAH, 84101, VERMONT, 05401, VIRGINIA, 22001, WASHINGTON, 98101, WEST VIRGINIA, 26001, WISCONSIN, 53001, WYOMING, 82001.

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

[illegible]

ITW Building Components Group Inc.

Haines City, FL 33844

FL. CO. 10378



TC LL	20.0 PSF	REF R8228 - 19921
TC DL	10.0 PSF	DATE 08/20/09
BC DL	10.0 PSF	DRW HCUR8228 09232002
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 66331
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TUD8228Z01

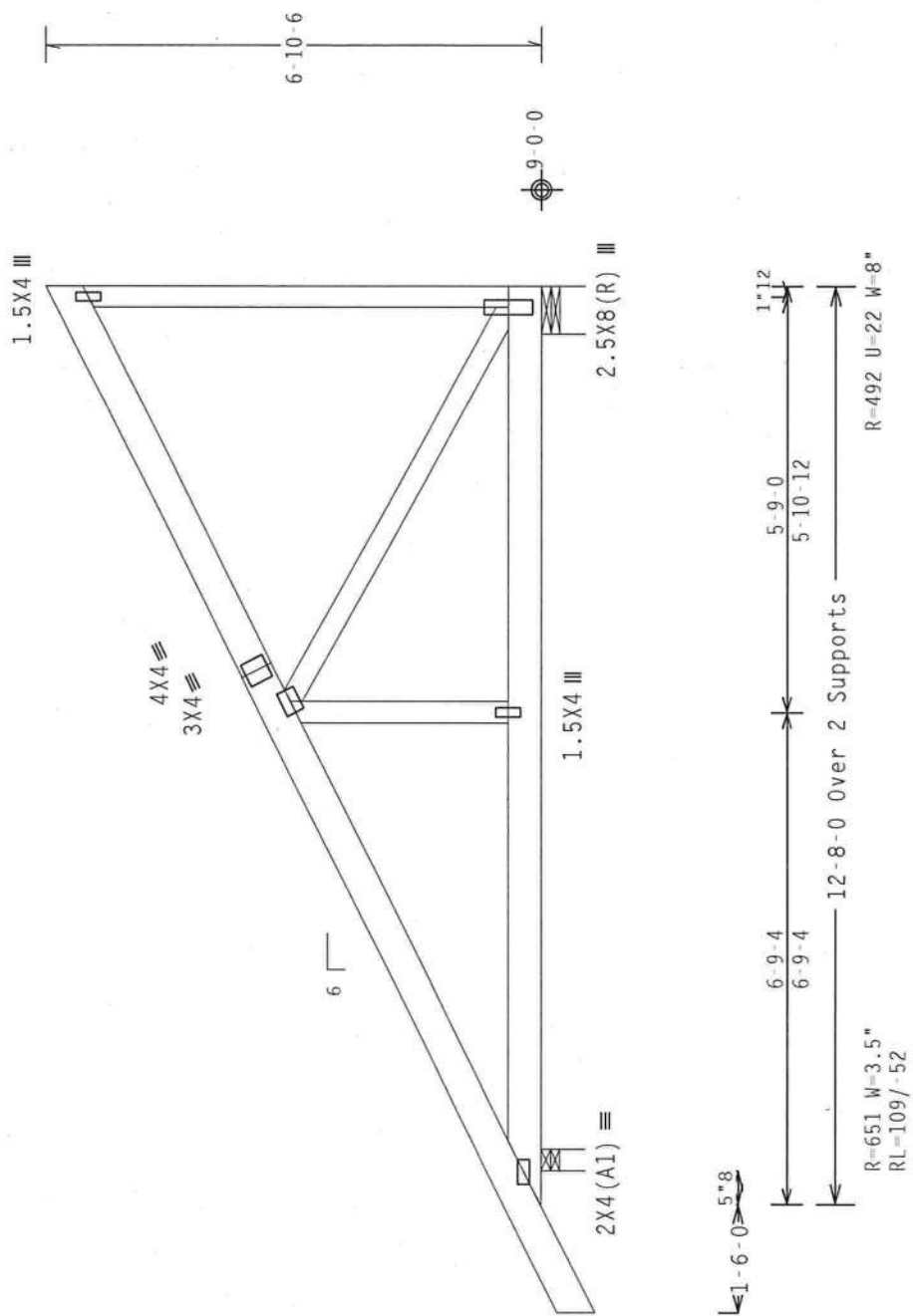
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $lw=1.00$ Gcpi(+/-)=0.18

wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

3Bottom chord checked for 10.00 psf non-concurrent live load.

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



Design Crit: FBC2007Res/TPI-2002(STD)

Scale = .375"/Ft.

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

CLASSIFIED

9.02.

FT/RT=10%(0%)/0(0%)

1000

PLT: TYP. Wave

TC LL	20.0 PSF	REF R8228- 19922
TC DL	10.0 PSF	DATE 08/20/09
BC DL	10.0 PSF	DRW HCUSR8228 0923200
BC LL	0.0 PSF	HC-ENG KD/DF
TOT.LD.	40.0 PSF	SEQN- 66323
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TUD8228Z01



*****WARNING***** THUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, UNLOADING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE AMERICAN PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND AISC 360 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MOBILE 336, AL 36619, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

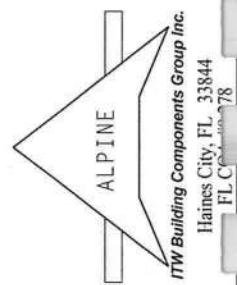
*****IMPORTANT***** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW REG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1, OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. BY AISC AND TP1.

CONNECTOR PLATES ARE MADE OF 20/19/16GA (W/J55/K) ASTM A653 GRADE 40/60 (K/M 55) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AISC A3 OF TP1-2002 SEC.3.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AISC/TP1 1 SEC. 2.



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

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

110 mph wind, 20.53 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ GCpt (+/-)=0.18

Wind reactions based on MWFRS pressures.

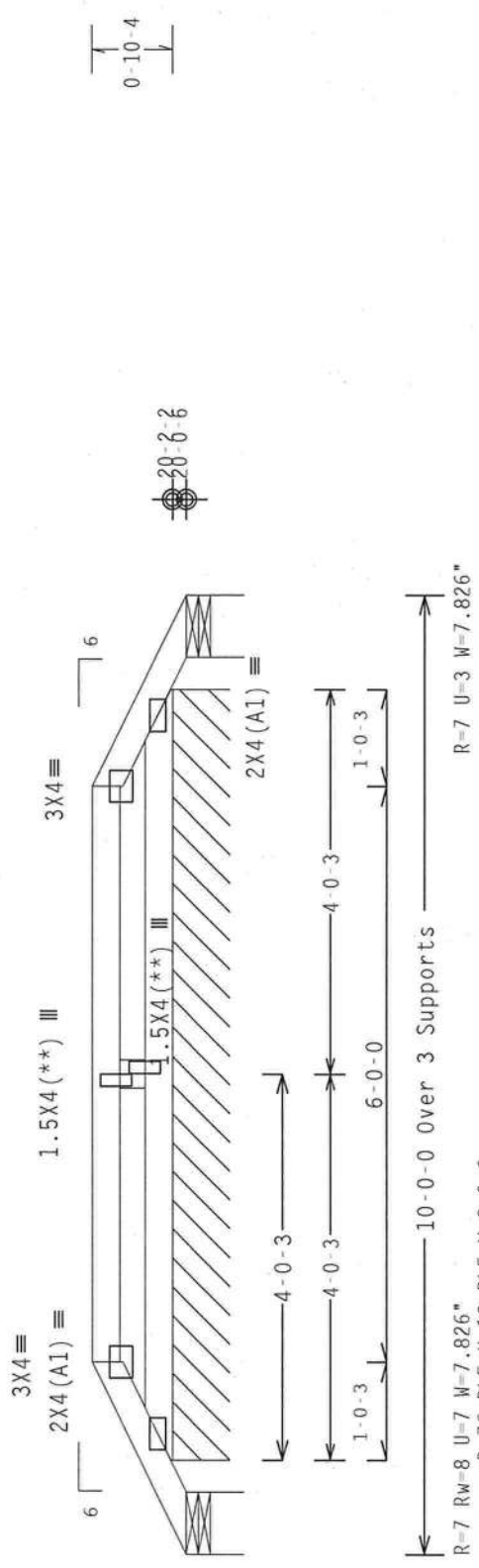
Refer to DWG PB1200109 for piggyback details.

SPECIAL LOADS

LUMBER DUR.FAC. = 1.25 / PLATE DUR.FAC. = 1.25			
TC - From	62 PLF at 0.00 to	62 PLF at 2.00	
TC - From	62 PLF at 2.00 to	62 PLF at 8.00	
TC - From	62 PLF at 8.00 to	62 PLF at 10.00	
BC - From	4 PLF at 0.00 to	4 PLF at 10.00	

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

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



$\overbrace{\hspace{10em}}^{10-0-0 \text{ Over 3 Supports}}$
 $R=7 \quad R_w=8 \quad U=7 \quad W=7.826''$
 $\overbrace{\hspace{10em}}^{R=7 \quad U=3 \quad W=7.826''}$

Design Crit: FBC2007Res/TPI-2002(STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314 AND WCA (4000 TRUSSES COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, HADDONSBURG, IL 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY THAT MAY OCCUR WHILE THE TROUSS IN CONFORMANCE WITH THIS DESIGN ARE BEING MANUFACTURED, SHIPPED, UNLOADED, ERECTED, OR REMOVED.

THE DESIGNER'S RESPONSIBILITY IS LIMITED TO THE DESIGN OF THE TROUSS AND THE CONNECTIONS THEREOF. THE DESIGNER DOES NOT WARRANT THAT THE TROUSS WILL BE FREE FROM DEFECTS OR THAT THEY WILL BE SUITABLE FOR ANY PARTICULAR PURPOSE. THE DESIGNER'S LIABILITY IS LIMITED TO THE DESIGN OF THE TROUSS AND THE CONNECTIONS THEREOF.

CONNECTIONS TO EACH FACE OF TROUSS AND OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TROUSS COMPONENT DESIGN. SHOWING THE SUBMITTAL AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNING DESIGNER PER ASHRAE/TPI 1 SEC. 2.



FL/-/4/-/-R/-		Scale =.5"/Ft.
TC LL	20.0 PSF	REF R8228- 19923
TC DL	10.0 PSF	DATE 08/20/09
BC DL	10.0 PSF	DRW HCUSR8228 09232048
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 9545
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TUD8228Z01

Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP <td>#2</td> <td>Dense</td>	#2	Dense
	webs	2x4	SP	#3

110 mph wind, 21.03 ft mean hgt, ASCE 7-05, 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.

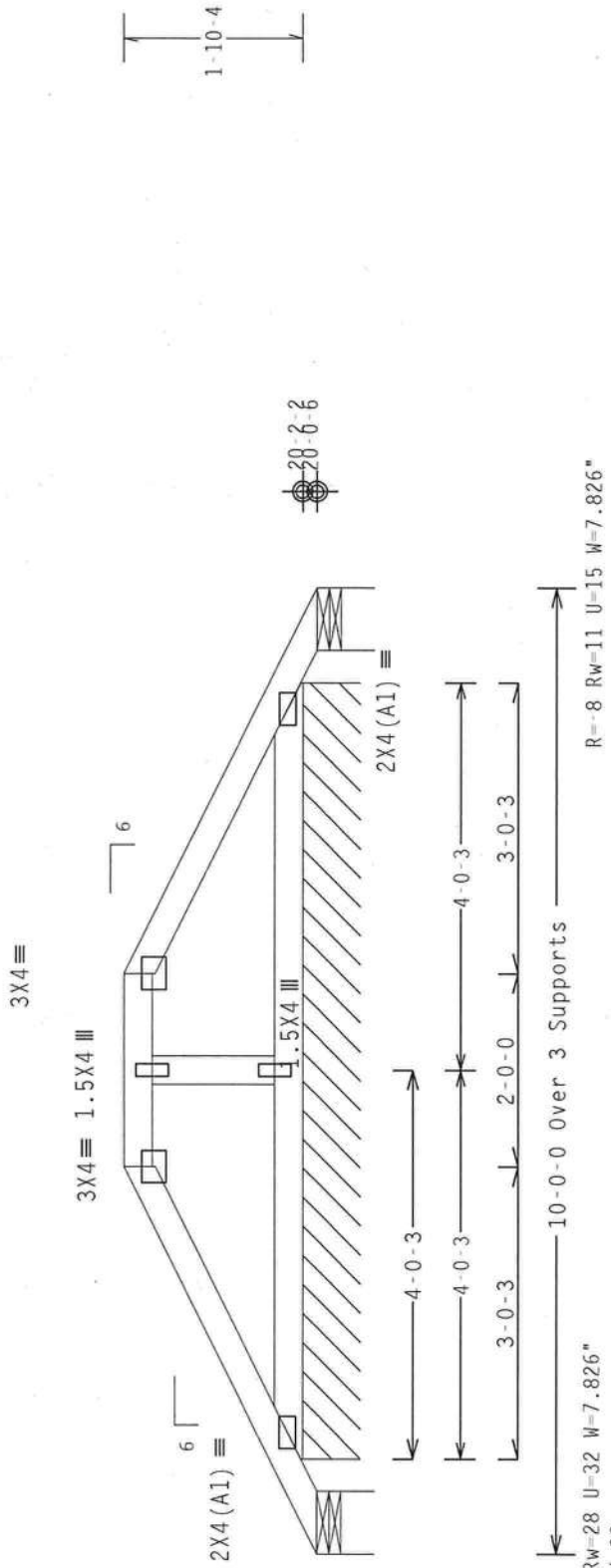
Deflection meets L/240 live and L/180 total load.

Refer to DWG PB1200109 for piggyback details.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)		
TC - From	62 PLF at 0.00 to	62 PLF at 4.00
TC - From	62 PLF at 4.00 to	62 PLF at 6.00
TC - From	62 PLF at 6.00 to	62 PLF at 10.00
BC - From	4 PLF at 0.00 to	4 PLF at 10.00

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



R = - 8 RW = 28 U = 32 W = 7.826"
RL = 39 / - 39

R-79 PLF U=11 PLF W=8-0-6

Design Crit: FBC2007Res/TPI-2002(STD)

$$FT/RT=10\%(0\%)/0(0)$$

00

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

Scale = .5"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND TRACING. REFER TO BC51 (BUILDING COMPANION SAFETY INFORMATION), AND PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2100 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (6000 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 AND BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES.

[illegible]

ITW Building Components Group Inc.
Haines City, FL 33844
FL C 00000078

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

110 mph wind, 21.28 ft mean hgt, ASCE 7-05, 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.

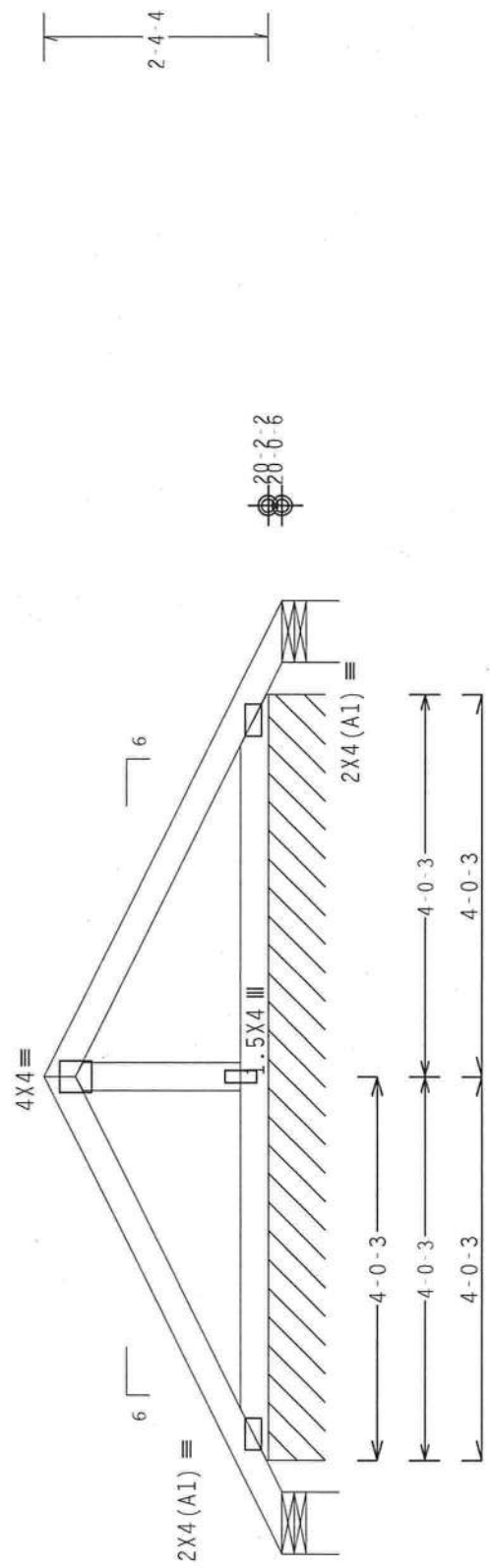
Refer to DWG PB1200109 for piggyback details.

SPECIAL LOADS

		LUMBER		DUR.FAC.-1.25 / PLATE		DUR.FAC.-1.25	
		TC	From	TC	From	BC	From
				62 PLF at	0.00 to	62 PLF at	5.00
				62 PLF at	5.00 to	62 PLF at	10.00
				4 PLF at	0.00 to	4 PLF at	10.00

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

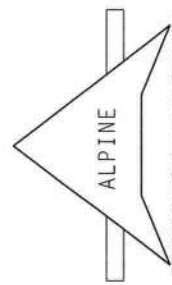
Deflection meets L/240 live and L/180 total load.



$\overbrace{\hspace{10em}}^{10-0-0 \text{ Over } 3 \text{ Supports}}$
 R=31 RW=36 U=43 W=7.826"
 RL=49 / 49
 R=85 PLF U=11 PLF W=8-0-6
 R=31 RW=14 U=21 W=7.826"

Design Crit: FBC2007Res/TPI-2002 (STD)
 $FT/RT=10\%(0\%)/0(0)$

PLT TYP. Wave



ITW Building Components Group Inc.
Haines City, FL 33844
FLC 78

FL/-/4/-/-/R/-	Scale =.5"/Ft.
TC LL 20.0 PSF	REF R8228- 19925
TC DL 10.0 PSF	DATE 08/20/09
BC DL 10.0 PSF	DRW HCUR8228 09232049
BC LL 0.0 PSF	HC-ENG DF/DF
TOT.LD. 40.0 PSF	SEQN- 9549
DUR.FAC. 1.25	FROM AH
SPACING 24.0"	JREF- 1TUD8228Z01

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

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

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

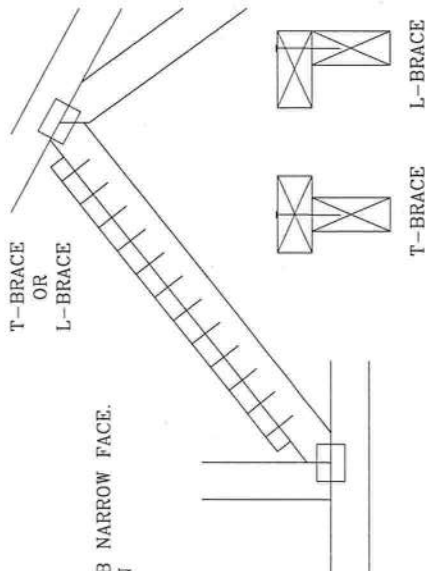
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

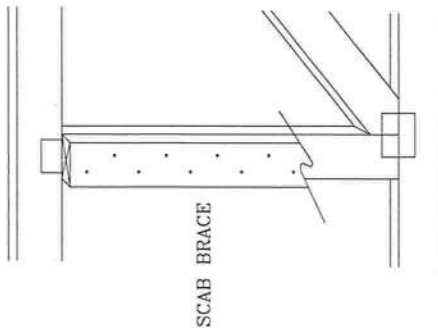
L-BRACING:

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



SCAB BRACING:

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



Building Components Group Inc.

Earth City, MO 63045

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow BCSI (Building Component Safety Information, by TPI and WTA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord bracing shall be installed in accordance with BCSI. Truss members shall be braced in accordance with BCSI sections B3 & B7. See this job's general notes page for more information.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in accordance with TPI or WTA, or any damage, including installing, or any other use of this design. This design is the property of ITW Building Components Group Inc. (ITWBCG) and shall not be reproduced, copied, or used in any way without the written consent of ITWBCG. A seal on this drawing or cover page indicates acceptance and 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 -BCG: www.itwbcg.com; TPI: www.tpinat.com; WTA: www.abcdindustry.com; ICC: www.iccsafe.org



TC LL PSF REF CLB SUBST.

TC DL PSF DATE 1/1/09

BC DL PSF DRWG BRCLESUB0109

BC LL PSF

TOT. LD.

DUR. FAC.

SPACING

120 PIGGYBACK DETAIL

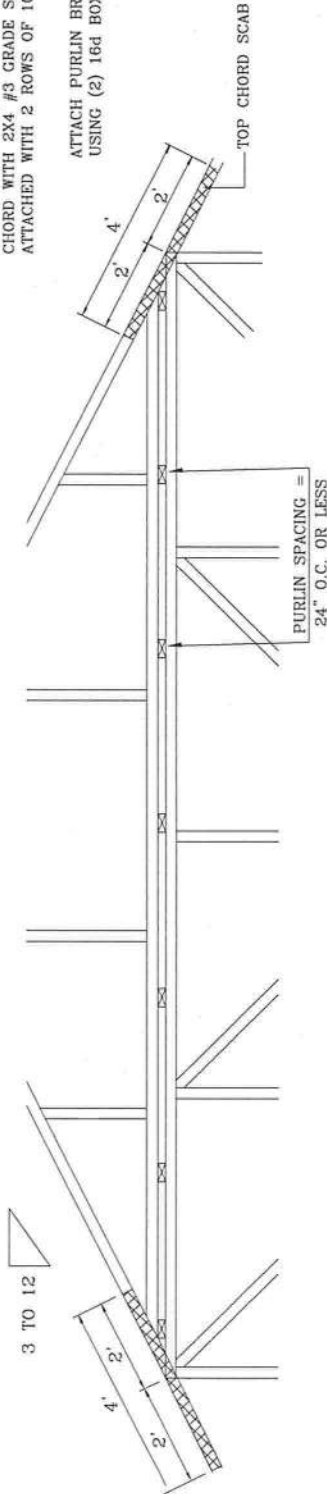
UP TO 120 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, ENCLOSED BLDG. LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND DL= 5.0 PSF KZT=1.0.

MAXIMUM TRUSS SPACING IS 24" O.C. DETAIL IS NOT APPLICABLE IF CAP SUPPORTS ADDITIONAL LOADS SUCH AS CUPOLA, STEEPLE, CHIMNEY OR DRAG STRUT LOADS.

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

REFER TO ENGINEER'S SEALED TRUSS DESIGN DRAWING FOR PIGGYBACK AND BASE TRUSS SPECIFICATIONS.

DETAIL A

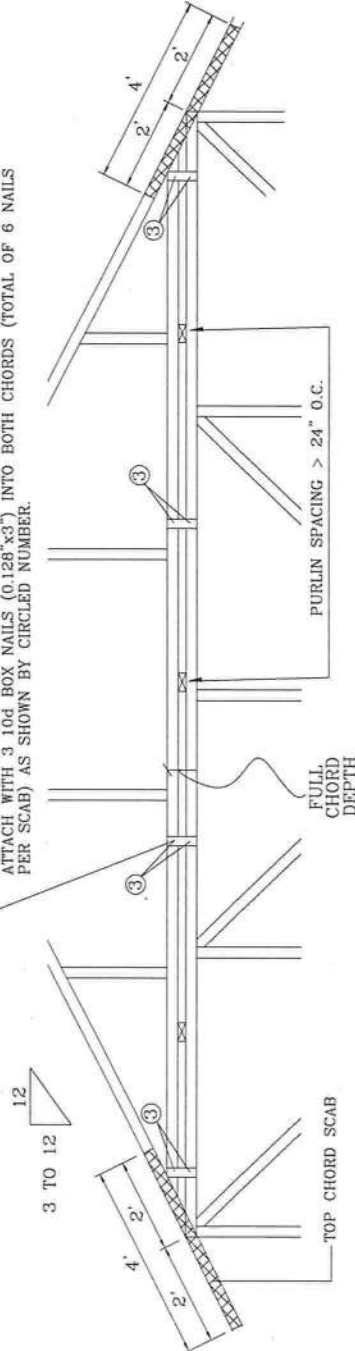


PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD PURLIN BRACING WITH (2) 16d BOX NAILS (0.135"x3.5") AND SECURE TOP CHORD WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY AT EACH END) ATTACHED WITH 2 ROWS OF 10d BOX NAILS (0.128"x3.0") AT 4" O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD USING (2) 16d BOX NAILS (0.135"x3.5")

DETAIL B

PIGGYBACK CAP TRUSS NAILED TO TOP CHORD OF BASE TRUSS AND SECURED WITH 2x4 SPF #2, FULL CHORD DEPTH SCABS @ 8' O.C. EACH FACE, STAGGERED 4' O.C. ATTACH WITH 3 10d BOX NAILS (0.128"x3") INTO BOTH CHORDS (TOTAL OF 6 NAILS PER SCAB) AS SHOWN BY CIRCLED NUMBER.



PIGGYBACK CAP TRUSS SLANT NAILED TO ALL TOP CHORD PURLIN BRACING WITH (2) 16d BOX NAILS (0.135"x3.5") AND SECURE TOP CHORD WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY AT EACH END) ATTACHED WITH 2 ROWS OF 10d BOX NAILS (0.128"x3.0") AT 4" O.C.

ATTACH PURLIN BRACING TO THE FLAT TOP CHORD USING (2) 16d BOX NAILS (0.135"x3.5")

ALTERNATE ATTACHMENTS	
TRUOX	USE 3x8 TRUOX PLATES FOR 2x4 CHORD MEMBER, AND 3x10 TRUOX PLATES FOR 2x6 AND LARGER CHORD MEMBERS. ATTACH TO EACH FACE @ 8' O.C. WITH (4) 0.120"x1.375" NAILS INTO CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. TRUOX PLATES MAY BE STAGGERED 4' O.C. FRONT TO BACK FACES.
PLYWOOD GUSSET	8"x8"x1/2" RATED SHEATHING GUSSETS (EACH FACE). EACH WITH (8) 8d COMMON NAILS (0.131"x2") IN CAP BOTTOM CHORD AND (4) IN BASE TRUSS TOP CHORD. GUSSETS MAY BE STAGGERED 4' O.C. FRONT TO BACK FACES.

WARNING: READ AND FOLLOW ALL NOTES ON THIS SHEET

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI or WTCA for safety practices prior to performing these functions. Truss installers shall provide temporary bracing per ICC-ES E-1015. Truss installers shall provide permanent lateral restraint of webs shall have bracing installed per ICC-ES sections E3 & E7. See this job's general notes page for more information.

IMPORTANT: FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design, any failure to build the truss in conformance with TPI or WTCA for safety practices prior to performing these functions. Truss installers shall provide temporary bracing per ICC-ES E-1015. Truss installers shall provide permanent lateral restraint of webs shall have bracing installed per ICC-ES sections E3 & E7. See this job's general notes page for more information.

REF PIGGYBACK

DATE 1/1/09

DRWG PB1200109



Building Components Group Inc.

Earth City, MO 63045

CERTIFICATE OF OCCUPANCY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 16-5S-17-09270-000

Building permit No. 000027985

Use Classification SFD/UTILITY

Fire: 61.10

Permit Holder JERRY & DEBORAH HUDSON

Waste: 83.75

Owner of Building JERRY & DEBORAH HUDSON

Total: 144.85

Location: 1178 SW ENGLISH ST., LAKE CITY, FL

Date: 05/21/2010

Fanny Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



27985

Service Slip / Invoice

Pestmaster Services of Lake City
187 Southeast Country Club Rd
Suite 101
Lake City, FL 32025
386-752-7779

ORDER: 628045
WORK DATE: 05/26/10
Wednesday

[118762]
BILL-TO: JERRY HUDSON
1178 SW ENGLISH ST
LAKE CITY, FL 32025

[118762] 386-365-7987
Work Location: JERRY HUDSON
1178 SW ENGLISH ST
LAKE CITY, FL 32025

Work Date	Time	Target Pest	Technician	Time In
05/26/10			LC02	9:00
Purchase Order	Terms	Last Service	Map Code	Time Out
	COD	08/17/09		10:30

441 S 1 MILE PAST 240 (NETTLES SAUSAGE) TO ENGLISH ST T/R 1 MILE ON LEFT #S ON MAIL BOX

Gate code 5151 Final Treatment

Service	Description	Amount
LC TERMITE 21	PRETREAT	\$75.00
(chg)		
SUBTOTAL		\$75.00
TAX		\$0.00
TOTAL		\$75.00

Pesticide / Product	%	UOM	Amount	Pesticide / Product	%	UOM	Amount
Premise Pro	0.5	Gallons	75				
2			6				
3			7				
4			8				

Location of Treatment: Numbers correspond to line numbers above

☐ Kitchen	☐ Living Room	☐ Dining Room(s)	☐ Bed Room(s)
☐ Attic	☐ Shed(s)	☐ Garage(s)	☐ Crawlspace(s)
☐ Office(s)	☐ Lawn Area	☐ Dumpster Area	☐ Basement(s)
☐ Bar(s)	☐ Store Room	☐ Rodent Burrow	☐ Rodent Pathway
☐ Bathroom(s)	☐ Other	☐ Family Room / Den	☐ Laundry / Utility

Site of Treatment: Numbers correspond to line numbers above

☐ Baseboards	☐ Cabinets	☐ Carporting	☐ Under and Behind
☐ Stiff Area	☐ Eaves	☐ Wall Voids	☐ Kitchen Equipment
☒ Outside Perimeter	☐ Outside Beddings	☐ Furniture	
☐ Other		☐ Other	

Method of Treatment: Numbers correspond to line numbers above

☐ Spot Treatment	☐ ULV Machine	☐ Broadcast	☐ Fan Spray
☐ Space Spray	☐ C & C Aerosol	☐ Duster	☐ Air Sprayer
☐ Fumigation	☐ Granulate	☐ Rat Station	☐ Mouse Station
☐ Actisol Machine	☐ Drill & Treat Voids	☒ Stab Injector	☐ Total Release Aerosol
☐ Other		☐ Other	

Charges outstanding over 30 days from the date of service are subject to a 1 1/2% FINANCE CHARGE PER MONTH or annual percentage rate of 18%. Customer agrees to pay accrued expenses in the event of collection. I hereby acknowledge the satisfactory completion of all services rendered, and agree to pay the cost of services as specified above.

PLEASE PAY FROM THIS INVOICE

X _____
CUSTOMER SIGNATURE

THIS INSTRUMENT WAS PREPARED BY:

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

Recording Fee \$35.50
Documentary Stamps \$665.00
Consideration \$95,000.00

RETURN TO:

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

Inst:200912000890 Date:1/21/2009 Time:8:56 AM
Doc Stamp-Deed:665.00
17 DC, P. DeWitt Cason, Columbia County Page 1 of 4 B:1165 P:1961

File No. 09-09

Property Appraiser's
Parcel Identification No.
16-5S-17-09270-000 (Parent Parcel)

WARRANTY DEED

THIS INDENTURE, made this 16th day of January 2009, BETWEEN BRIAN F. CREWS and his wife, KARENA J. CREWS, whose post office address is 1353 SE Loquat Way, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantor*, and JERRY M. and his wife, DEBORAH A. HUDSON, whose post office address is 2420 Delys Street, Cocoa, FL 32926, grantee*.

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

TOWNSHIP 5 SOUTH - RANGE 17 EAST

SECTION 16: A parcel of land in Section 16, Township 5 South, Range 17 East, Columbia County, Florida, being more particularly described as follows:

COMMENCE at the Southwest corner of the Southeast $\frac{1}{4}$ of Section 16, Township 5 South, Range 17 East, Columbia County, Florida and run North $89^{\circ}50'26''$ East along the South line of the Southwest $\frac{1}{4}$ of the Southeast $\frac{1}{4}$ of Section 16 a distance of 8.88 feet to a point on the Easterly Maintained Right-of-Way line of English Road (a County Maintained road) and the POINT OF BEGINNING; thence North $00^{\circ}15'33''$ West along said Easterly Maintained Right-of-Way line of English Road (a County Maintained road) a distance of 309.12 feet; thence North $01^{\circ}09'49''$ East still along the Easterly Maintained Right-of-Way line of English Road (a County Maintained road) a distance of 255.87 feet; thence North $02^{\circ}54'43''$ East still along the Easterly Maintained Right-of-Way line of English Road (a County Maintained road) a distance of 285.82 feet; thence North $38^{\circ}36'23''$ East still along said Easterly Maintained Right-of-Way line of English Road (a County Maintained road) a distance of 25.12 feet; thence Easterly and Northeasterly along the Southerly Maintained Right-of-Way line of English Road (a County Maintained road) a distance of 650.5 feet, more or less; thence South

00°42'14" West a distance of 921.41 feet to a point on the South line of the Southwest ¼ of the Southeast ¼; thence South 89°50'26" West along said South line of the Southwest ¼ of the Southeast ¼ a distance of 715.59 feet to the POINT OF BEGINNING.

N.B.: For a period of time ending twenty (20) years from this date, the property shall be subject to the following restrictions:

1. This property shall be used for residential purposes only, and no business or commercial building may be erected on any property and no business may be conducted thereon. No billboards or advertising signs shall be erected on any property, except such signs as may be reasonably required for sale purposes.
2. No permanent dwelling shall be permitted on any lot which has less than twelve hundred (1200) square feet of living space exclusive of open porches, garages or carports. Manufactured homes shall be allowed provided they are not more than three (3) years old when placed on this property, and provided each manufactured home shall contain not less than twelve hundred (1200) square feet of livable area. All manufactured homes must be underskirted and underpinned within ninety (90) days of set up on the property and maintained in a neat and orderly fashion.
3. No more than one (1) residential dwelling (including manufactured homes) shall be allowed per three (3) acres if allowed by County Land Use Regulations. Detached utility buildings, garages, pump houses or storage buildings located on this property shall be constructed with new materials.
4. This property shall not be used for commercial livestock breeding or raising. Household pets are permitted, provided they are not used for commercial breeding purposes and are kept under the control of the occupant at all times. Dogs may not exceed four (4) in number. Horses and cattle may occupy a lot for the personal use and enjoyment of the occupant, not to exceed a total of one (1) per three (3) acres. No swine shall be permitted to occupy any portion of this property. Permitted livestock shall not be obnoxious or four, offensive or cause odors which shall constitute a nuisance.
5. No property shall be maintained, nor shall any activity be carried on upon any property which is an annoyance or nuisance. No immoral, improper or unlawful use shall be made of the property and each owner shall comply with all valid laws, zoning ordinances and regulations of all governmental agencies having jurisdiction thereof.
6. All property and improvements thereon shall, at all times, be maintained in a clean and neat condition. No property shall be used for a junk yard, dumping ground, or for the accumulation of garbage or other refuse, foul smelling matter or other uses which would be detrimental to the comfort, health and safety of the inhabitants of the surrounding area. All vacant property shall be kept free of any accumulation of trash and other material which would constitute a fire hazard or render the property unsightly. If the owner fails to remove any trash, junk or otherwise maintain his property after thirty (30) days' written notice from the Grantor, Grantor shall have the right to

remove any such trash or clean up the property at the expense of the owner.

7. The violation of these Protective Covenants shall grant Grantor or any owner, in addition to all other remedies, the right to bring legal action to enjoin such violation or compel compliance with the terms thereof. All costs of such litigation, including reasonable attorney's fees to the prevailing party's attorney shall be paid by the owner found to be in violation.
8. This declaration may be amended at any time to change or alter or rescind any of the Protective Covenants by written amendment executed by the Grantor. Grantor reserves the exclusive right, without the consent of the owner, to release in writing, any of the Protective Covenants, or grant a waiver, in writing, of a violation thereof.
9. Grantor may assign their rights hereunder, at any time, to any person, firm or corporation whomsoever, and such successor shall have all rights of Grantor hereunder including the right of enforcement, waiver or other rights of the Grantor as provided herein. Upon such assignment, Grantor shall have no further liability or obligation hereunder with respect to the property or with respect to any subsequent owner thereof, including any obligation of enforcement or otherwise.
10. Invalidation of any one of the restrictions in this declaration, by judgment or court order, shall not affect any of the other restrictions, which shall remain in full force and effect.

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

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.

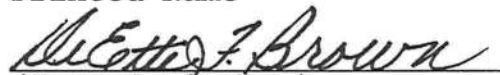
*"Grantor" and "grantee" are used for singular or plural, as context requires.

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:


(First Witness)
Terry McDavid

Printed Name


(Second Witness)

DeEtte F. Brown
Printed Name


Brian F. Crews (SEAL)

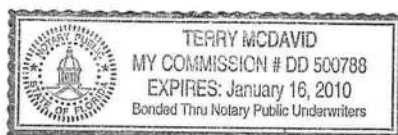

Karena J. Crews (SEAL)

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 18th
day of January 2009, by BRIAN F. CREWS and his wife, KARENA J.
CREWS. They are personally known to me and did not take an oath.



Notary Public.
My Commission Expires: _____





NOTICE OF INSPECTION AND/OR TREATMENT

Date of Inspection

8-17-09

Date of Treatment

27985

Date of Spot Treatment

Premise PRO 1051

Pesticide Used

Subterranean Termites

Wood-Destroying Organisms Treated

Notice

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

Address:

Pestmaster Services of Lake City

187 SE Country Club Rd., Suite 101 • Lake City, FL 32025