This Permit Expires One Year From the Date of Sean Sean Sean Sean Sean Sean Sean Sean	Columbia County	Building Permit PERMIT
ADDRESS 1296 SW RIDGE STREET	and the contract of the contra	
OWNER SUE ROWAN PHONE 386.755.5827 EL 32055 ADDRESS 182 NW EMPORIA GLEN LAKR CITY FRONE 386.755.5827 FL 32055 CONTRACTOR JAY MILTON PHONE 386.755.5827 FL 32055 HOME ON THE R. TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 135750.00 HEATED FLOOR AREA 2715.00 TOTAL AREA 4096.00 HEIGHT 21.00 STORIES 1 FOUNDATION CONC WALLS FRAMED ROOF PITCH 712 FLOOR CONC LAND USE & ZONING RSF-2 MAX. HEIGHT 35 10.00 NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO. SIDE 10.00 10.00 10.00 NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO. Applicant/Owner/Contractor 10.00 NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO. NO. EX.D.U. Applicant/Owner/Contractor		
ADDRESS 182	AND AND THE COST OF THE COST O	
CONTRACTOR		
LAKE JEFFERY ROAD TO LAKEWOOD ESTATES, TAKE IST. LEFT INTO SD		CONTROL OF THE CONTRO
HOME ON THE R.	Macrosoft Free of the World Carried Color (Macrosoft Colo	
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MAX. HEIGHT 35 MAX. HEIGHT	HEATED FLOOR AREA 2715.00 TOTAL ARE	EA 4096.00 HEIGHT 21.00 STORIES 1
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00	FOUNDATION CONC WALLS FRAMED R	ROOF PITCH 7'12 FLOOR CONC
PARCEL ID 23-3S-16-02272-107 SUBDIVISION LAKEWOOD ESTATES LOT 7 BLOCK PHASE 1 UNIT TOTAL ACRES 4.00 000001366 CUlvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor JTH N N BLK JTH N Priveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. FOR BUILDING & ZONING DEPARTMENT ONLY (footer/Slab) Temporary Power Foundation date/app. by date/app. by date/app. by date/app. by date/app. by Under slab rough-in plumbing Slab Sheathing/Nailing date/app. by date/app. by date/app. by Electrical rough-in date/app. by Heat & Air Duct Peri. beam (Lintel) date/app. by Electrical rough-in date/app. by date/app. by Electrical rough-in date/app. by Date/app. by date/app. by Electrical rough-in date/app. by Date/app. by date/app. by Electrical rough-in d	LAND USE & ZONING RSF-2	MAX. HEIGHT 35
PARCEL ID 23-3S-16-02272-107 SUBDIVISION LAKEWOOD ESTATES	Minimum Set Back Requirments: STREET-FRONT 25.00	REAR 15.00 SIDE 10.00
DOUGO 1366 CUIVERT PERMIT NO. CULVERT Waiver CONTRACTOR'S License Number Applicant/Owner/Contractor 18"X32"MITERED O7-243 BLK JTH N Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. FOR BUILDING & ZONING DEPARTMENT ONLY Gooter/Slab) FOR BUILDING & ZONING DEPARTMENT ONLY Inder slab rough-in plumbing Slab Sheathing/Nailing date/app. by date/app. by Gate/app. by Gate/app. by Framing Rough-in plumbing above slab and below wood floor date/app. by Electrical rough-in date/app. by Heat & Air Duct date/app. by Gate/app. by G	NO. EX.D.U. 0 FLOOD ZONE XPS	DEVELOPMENT PERMIT NO.
Common C	PARCEL ID 23-3S-16-02272-107 SUBDIVISION	N LAKEWOOD ESTATES
Culvert Permit No. Culvert Waiver Ontractor's License Number Applicant/Owner/Contractor Applicant/Owner/Contractor Applicant/Owner/Contractor Applicant/Owner/Contractor New Resident New Resident COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. FOR BUILDING & ZONING DEPARTMENT ONLY (footer/Slab) Temporary Power Foundation date/app. by Check # or Cash Approved for Issuance New Resident New Resident Check # or Cash 8043 FOR BUILDING & ZONING DEPARTMENT ONLY (footer/Slab) Temporary Power Foundation date/app. by date/app. by Check # or Cash 8043 Check # or Cash 8043 Check # or Cash 8044 (footer/Slab) Temporary Power Foundation date/app. by date/app. by Check # or Cash 8043 Check # or Cash 8043 Check # or Cash 8043 Check # or Cash 8044 Applicant/Owner/Contractor New Resident	LOT 7 BLOCK PHASE 1 UNIT	TOTAL ACRES 4.00
FOR BUILDING & ZONING DEPARTMENT ONLY Temporary Power Foundation Gate/app. by Gate/app. by Gate/app. by Framing Rough-in plumbing above slab and below wood floor date/app. by Electrical rough-in date/app. by Framing Acte/app. by Gate/app. by C.O. Final Gate/app. by M/H tie downs, blocking, electricity and plumbing Acte/app. by Framing C.D. Final Gate/app. by Gate/app. by Gate/app. by Colvert Gate/app. by Acte/app. by Gate/app. by Acte/app. by Gate/app. by Acte/app. by Acte	18"X32'MITERED 07-243 BLK Driveway Connection Septic Tank Number LU & Zonin	JTH N g checked by Approved for Issuance New Resident
Temporary Power Foundation Monolithic date/app. by date/app. by date/app. by		Check # or Cash
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Peri. beam (Lintel) date/app. by Permanent power C.O. Final date/app. by CLouvert date/app. by M/H tie downs, blocking, electricity and plumbing Reconnection Pump pole date/app. by M/H Pole Travel Trailer Peri. beam (Lintel) Adate/app. by Culvert date/app. by date/app. by date/app. by Adate/app. by Re-roof	date/app. by	
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M/H tie downs, blocking, electricity and plumbing Reconnection Pump pole date/app. by Pump pole date/app. by M/H Pole Travel Trailer Cate/app. by Cate/app. by Cate/app. by date/app. by Re-roof	1	
Reconnection Pump pole Utility Pole date/app. by M/H Pole Travel Trailer Re-roof	10.5 (5)	** *
Reconnection Pump pole Utility Pole date/app. by date/app. by M/H Pole Travel Trailer Re-roof	date/app.	L.
M/H Pole Travel Trailer Re-roof	rump pole	Utility Pole
date/app. by date/app. by	M/H Pole Travel Trailer	Re-roof
	date/app. by	ate/app. by date/app. by
BUILDING PERMIT FEE \$ 680.00 CERTIFICATION FEE \$ 20.48 SURCHARGE FEE \$ 20.48	BUILDING PERMIT FEE \$ 680.00 CERTIFICATION FEE	S 20.48 SURCHARGE FEE \$ 20.48
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$		

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.

FLOOD ZONE FEE \$ 25.00

FLOOD DEVELOPMENT FEE \$

INSPECTORS OFFICE

"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."

_ CULVERT FEE \$ 25.00

CLERKS OFFICE

TOTAL FEE 820.96

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

Columbia County Building Permit Application For Office Use Only Application # 0764-02 Date Received 4-2-07 By LH Permit # 257/6/136 Application Approved by - Zoning Official BLK Date 10: 64. 07 Plans Examiner OKTH Date 4- 4

Comments	Land Use Plan Map Category KES 200 1320
NOC FEH Deed or PA Site Plan	te Road Info □ Parent Parcel # □ Development Pormit
	Fax 758 4570
Name Authorized Person Signing Permit <u>Jay Miltou</u>	Phone 755-5827
Address 1296 SUS Ridge ST Lake City	F1. 32024
911 Address 182 NW EMPORIA GIN, LAK	ic City Fl. 32055
Contractors Name 24 V My Itan	Phone 255 50 27
Address 1296 Sw Ridge ST LAKE C	ity Fl. 32024
Fee Simple Owner Name & Address	/
Bonding Co. Name & Address	
Architect/Engineer Name & Address Plans by	Jan Milton
Mortgage Lenders Name & Address First Federal c	of LAKE City
Circle the correct power company FL Power & Light - Cla	V Elec Suwannee Valley Flec - Progressive Fneray
Property ID Number 23-35-14-02272-107	Estimated Cost of Construction 79900001
Subdivision Name Lake Wood Estates	Lot 7 Block Unit Phase !
Driving Directions Take Lake Jeffery Ad to La	Ke Wood Estates Take 1st Left
in Subdivision house on RT.	THE PART OF THE PA
Type of Construction Single Family Res.	Number of Existing Dwellings on Property
Total Acreage 4 Lot Size 4 AL. Do you need a -Cul	vert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front_385/	Side 70' Side 57' Page 700' for
Total Building Height 21' Number of Stories _/_	Heated Floor Area 2715 Roof Pitch 7/12 Water
Application is hereby made to obtain a permit to do work and i installation has commenced prior to the issuance of a permit a all laws regulating construction in this jurisdiction.	nstallations as indicated. I certify that no work or and that all work be performed to meet the standards of
OWNERS AFFIDAVIT: I hereby certify that all the foregoing info compliance with all applicable laws and regulating construction	ormation is accurate and all work will be done in n and zoning.
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICI TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU IN LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE	TEND TO ORTAIN FINANCING CONSULT WITH YOUR
Owner Builder or Authorized B	Challe
Owner Builder or Authorized Person by Notarized Letter	Contractor Signature Contractors License Number CGC06912
STATE OF FLORIDA	Competency Card Number

COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this Z day of April

Personally known____ or Produced Identification___

NOTARY STAMP/SEAL

Notary Signature

TI CALLE I FIMILYS

(Revised Sept. 2006)

Print

Columbia County Property

Appraiser
DB Last Updated: 3/8/2007

2007 Proposed Values

Parcel: 23-3S-16-02272-107

Tax Record	Property Card	Interactive GIS Map

Search Result: 1 of 1

Owner & Property Info

Owner's Name	ROWAND SUE B REVOC TRUST				
Site Address	LAKEWOOD ESTATES				
Mailing Address	142 SE ROWAND PL LAKE CITY, FL 32025				
Use Desc. (code)	VACANT (000000)				
Neighborhood	23316.03 Tax District 2				
UD Codes	MKTA06 Market Area 06				
Total Land Area	0.000 ACRES				
Description	LOT 7 LAKEWOOD ESTATES S/D. ORB 818-1316, 819-2183, 867-445, 874-347,				



Property & Assessment Values

Mkt Land Value	Land Value cnt: (1) \$75,0				
Ag Land Value	cnt: (0)	\$0.00			
Building Value	cnt: (0)	\$0.00			
XFOB Value	cnt: (0)	\$0.00			
Total Appraised Value		\$75,000.00			

Just Value	\$75,000.00
Class Value	\$0.00
Assessed Value	\$75,000.00
Exempt Value	\$0.00
Total Taxable Value	\$75,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
10/7/1998	867/445	WD	V	Q		\$54,000.00
3/30/1996	819/2183	WD	V	Q		\$45,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
			NONE			

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000020	VAC/WATER (MKT)	1.000 LT - (.000AC)	1.00/1.00/1.00/1.00	\$75,000.00	\$75,000.00

Columbia County Property Appraiser

DB Last Updated: 3/8/2007

Columbia County Building Department Culvert Permit

Culvert Permit No. 000001366

DATE 04/1	11/2007	PARCEL ID	# <u>23-3S-16-022</u>	72-107			
APPLICANT	JAY MILTON			PHONE	386.755.5827		
ADDRESS _	1296 SW RIDG	E STREET	LAK	E CITY		FL	32024
OWNER SU	UE ROWAN			PHONE	386.755.5827		
ADDRESS 1	82 NW EMPO	RIA GLEN	LAK	E CITY		FL	32055
CONTRACTO	OR JAY MILTON			PHONE	386.755.5827		
LOCATION O	F PROPERTY	LAKE JEFFERY ROAD	TO LAKEWOOD	ESTATES,	TL INTO S.D. A	ND T	HE HOME IS O
THE R.							
SUBDIVISION	J/LOT/BLOCK/	PHASE/UNIT LAKE	WOOD ESTATES		7		1
SIGNATURE	INSTALLA	TION REQUIREMEN	NTS				
X	Culvert size v	will be 18 inches in dia ce. Both ends will be med concrete slab.	meter with a to	tal lenght of the tall length to the tall state that the tall state that the tall state that the tall state the tall state that the tall state the tall state that the tall state the tall state that the tall state the tall stat	of 32 feet, leavelope and pour	ving red v	24 feet of with a 4 inch
	a) a majorit b) the drive Turnouts concrete	TION NOTE: Turnouts by of the current and ex eway to be served will be shall be concrete or pa or paved driveway, whi and existing paved or co	isting driveway be paved or form ved a minimum ichever is greate	turnouts a ned with c of 12 feet er. The wid	re paved, or; oncrete. wide or the v	vidtl orm	n of the to the
	Culvert instal	lation shall conform to	the approved s	ite plan sta	ndards.		
	Department o	f Transportation Permi	t installation ap	proved sta	ndards.		
	Other				the contract of the contract o		

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

135 NE Hernando Ave., Suite B-21 Lake City, FL 32055

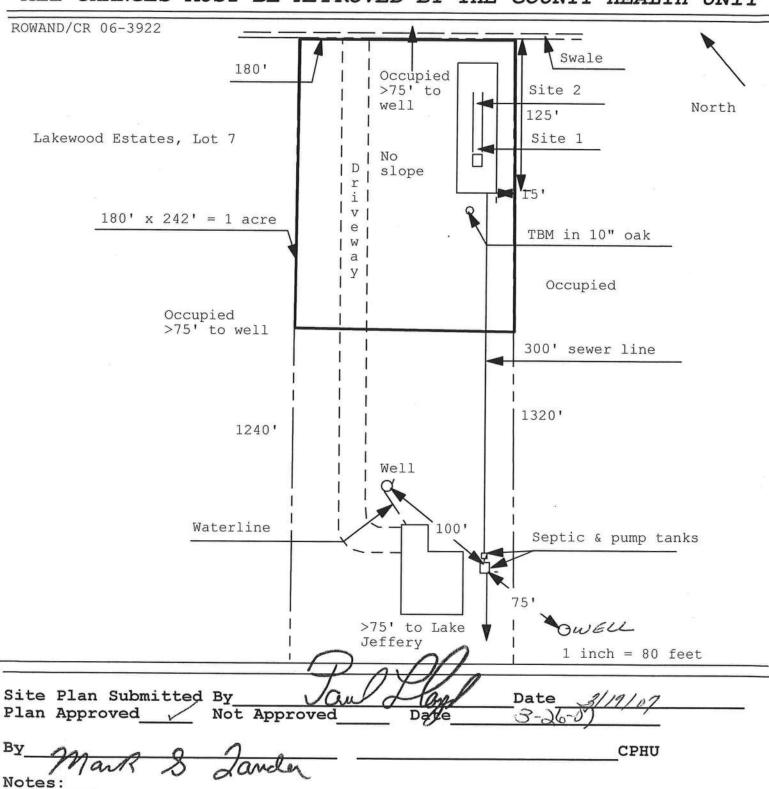
Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



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

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



THIS INSTRUMENT WAS PREPARED BY: FIRST FEDERAL SAVINGS BANK OF FLORIDA 4705 WEST U.S. HIGHWAY 90 P.O. BOX 2029 LAKE CITY, FLORIDA 32056

Inst:2007005271 Date:03/05/2007 Time:15:28		
Inst:2007005271 Date:03/05/2007 Time:15:28	B: 1112	P:2079

PERMI	T NO TAX FOLIO NO
	NOTICE OF COMMENCEMENT
	E OF FLORIDA ITY OF Columbia
in acc of Cor	e undersigned hereby gives notice that improvement will be made to certain real property, and ordance with Chapter 713, Florida Statutes, the following information is provided in this Notice numericement.
1.	Description of property: Lot No. 7, LAKEWOOD ESTATES, a subdivision according to the plat thereof as recorded in Plat Book 6,
	Page 63, public records of Columbia County, Florida.
2.	General description of improvement: Construction of Dwelling
3.	Owner information: a. Name and address: 142 SE Rowand Place, Lake City, FL 32025
	b. Interest in property: Fee Simple c. Name and address of fee simple title holder (if other than Owner): NONE
4.	Contractor (name and address): MILTON BUILDERS, LLC 1296 SW Ridge Street, Lake City, FL 32024
5.	Surety: a. Name and address:
	b. Amount of bond:
6.	Lender: FIRST FEDERAL SAVINGS BANK OF FLORIDA 4705 WEST U.S. HIGHWAY 90

 Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE

P. O. BOX 2029

LAKE CITY, FLORIDA 32056

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787. Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: run_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:

3/22/2007

DATE ISSUED:

3/23/2007

ENHANCED 9-1-1 ADDRESS:

182

NW EMPORIA

GLN

LAKE CITY

FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

23-35-16-02272-107

Remarks:

LOT 7 LAKEWOOD ESTATES S/D.

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address

MAR 2 3 2007

911Addressing/GIS Dept

686

HALL'S PUMP & WELL SERVICE, INC.

HALLS

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL OWNERS PHONE (386) 752-1854 FAX (386) 755-7022 904 NW MAIN BLVD. LAKE CITY, FLORIDA 32055

January 23,2007

Notice To All Contractors:

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results. All wells will have a pump & tank combination that will be sufficient enough for each situation.

If you have any questions please feel free to call our office.

Thank You,

Donald D. Hall

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank, you,

Donald D. Hall

DDH/jk

SUE ROWAN!
182 NW EMPORIA
LAKE CITY, Fla. 32055

Project Name:

Address:

City. State:

703091MiltonBuilders

. FL

Lot: 7, Sub: Lakewood Estate, Plat:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A Builder: Jay Milton Permitting Office: Columbia

Permit Number:

Owner: Climate Zone:	Rowand Reside North	ence	Jurisdiction Number:	COUISS
 New construction Single family or m Number of units, i Number of Bedroo Is this a worst case Conditioned floor Glass type l and a a. U-factor: 	or existing sulti-family f multi-family f multi-family oms e? area (ft²) rea: (Label reqd. by 13-ble DEFAULT) 7a. (IDEFAULT) 7b. alge Insulation erior facent	Description Area	12. Cooling systems a. Central Unit b. N/A c. N/A 13. Heating systems a. Electric Heat Pump b. N/A c. N/A 14. Hot water systems a. Electric Resistance b. N/A c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilatio HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	Cap: 51.0 kBtu/hr SEER: 13.00

Total as-built points: 31048

Total base points: 35199

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

Glass/Floor Area: 0.15

PREPARED BY: Bey

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

OWNER/AGENT:

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:

PASS

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Lakewood Estate, Plat: , , FL,

PERMIT #:

BASE			AS-	BU	LT				
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	SPM	х :	SOF:	= Points
.18 2715.0 20.04 9793.5	Double, Clear	N	1.5	5.5	90.0	19.20		0.93	1604.0
STATE OF THE STATE	Double, Clear	NE	16.0	6.5	15.0	29.56		0.45	201.0
	Double, Clear	N	14.0	6.5	25.0	19.20		0.62	296.1
	Double, Clear	N	14.0	6.5	30.0	19.20		0.62	355.3
	Double, Clear	NW	16.0	4.5	9.0	25.97		0.52	120.5
	Double, Clear	W	28.0	6.5	20.0	38.52		0.37	288.6
	Double, Clear	NW	5.0	6.5	20.0	25.97		0.69	356.4
	Double, Clear	N	10.0	6.5	15.0	19.20		0.65	187.4
	Double, Clear	E	1.5	5.5	30.0	42.06		0.90	1131.0
	Double, Clear	E	1.5	3.5	6.0	42.06		0.78	195.7
	Double, Clear	S	1.5	0.0	72.0	35.87		0.43	1115.4
	Double, Clear	S	1.5	0.0	20.0	35.87		0.43	309.8
-	Double, Clear	S	5.0	8.0	13.3	35.87		0.60	288.4
	Double, Clear	S	5.0	3.0	12.5	35.87		0.46	207.3
	Double, Clear	SE	1.5	4.5	6.7	42.75		0.80	229.9
	Double, Clear	S	1.5	4.5	16.0	35.87		0.78	445.3
	Double, Clear	sw	1.5	4.5	6.7	40.16		0.80	216.6
	As-Built Total:				407.2				7548.8
WALL TYPES Area X BSPM = Points	Туре		R-\	/alue	Area	x s	PM	=	Points
Adjacent 172.0 0.70 120.4	Frame, Wood, Exterior			13.0	1420.8	- 4	.50		2131.2
Exterior 1420.8 1.70 2415.4	Frame, Wood, Adjacent			13.0	172.0		0.60		103.2
Base Total: 1592.8 2535.8	As-Built Total:				1592.8				2234.4
DOOR TYPES Area X BSPM = Points	Туре				Area	x s	PM	=	Points
Adjacent 20.0 1.60 32.0	Exterior Insulated				40.0	4	.10		164.0
Exterior 80.0 4.10 328.0	Exterior Insulated				40.0		.10		164.0
	Adjacent Insulated				20.0		.60		32.0
Base Total: 100.0 360.0	As-Built Total:				100.0				360.0
CEILING TYPES Area X BSPM = Points	Туре	F	R-Valu€	e A	rea X S	РМ Х	sci	M =	Points
Under Attic 2715.0 1.73 4697.0	Under Attic			30.0	2715.0 1	1.73 X 1	.00		4697.0
Base Total: 2715.0 4697.0	As-Built Total:				2715.0				4697.0

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Lakewood Estate, Plat: , , FL, PERMIT #:

	BASE			AS-BUILT						
FLOOR TYPE	S Area X	BSPM	= Points	Type R-Value Area X SPM =	Points					
Slab Raised	250.0(p) 0.0	-37.0 0.00	-9250.0 0.0	Slab-On-Grade Edge Insulation 0.0 250.0(p -41.20	-10300.0					
Base Total:			-9250.0	As-Built Total: 250.0	-10300.0					
INFILTRATIO	N Area X	BSPM	= Points	Area X SPM =	Points					
	2715.0	10.21	27720.2	2715.0 10.21	27720.2					
Summer Ba	se Points	: 3585	6.4	Summer As-Built Points: 32260.3						
Total Summer Points	X System Multiplie		Cooling Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Cooling Points					
35856.4	0.4266	5 1	5296.3	■ - CONTROLL	635.9 635.9					

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Lakewood Estate, Plat: , , FL,

PERMIT #:

BASE	AS-BUILT								
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area	Type/SC	Ove Ornt	erhang Len	Hgt	Area X	WPM	x	WOF	= Point
.18 2715.0 12.74 6226.0	Double, Clear	N	1.5	5.5	90.0	24.58		1.00	2218.6
2940-902 (Section 400-0000) (SM10-0000) Advisor (SM10-0000)	Double, Clear	NE	16.0	6.5	15.0	23.57		1.06	374.7
	Double, Clear	N	14.0	6.5	25.0	24.58		1.03	630.1
	Double, Clear	Ν	14.0	6.5	30.0	24.58		1.03	756.2
	Double, Clear	NW	16.0	4.5	9.0	24.30		1.04	226.6
	Double, Clear	W	28.0	6.5	20.0	20.73		1.24	513.1
	Double, Clear	NW	5.0	6.5	20.0	24.30		1.02	496.0
	Double, Clear	N	10.0	6.5	15.0	24.58		1.02	377.1
	Double, Clear	E	1.5	5.5	30.0	18.79		1.04	587.1
	Double, Clear	E	1.5	3.5	6.0	18.79		1.09	123.3
	Double, Clear	S	1.5	0.0	72.0	13.30		3.66	3504.2
7	Double, Clear	S	1.5	0.0	20.0	13.30		3.66	973.4
	Double, Clear	S	5.0	8.0	13.3	13.30		1.96	346.5
	Double, Clear	S	5.0	3.0	12.5	13.30		3.40	565.3
	Double, Clear	SE	1.5	4.5	6.7	14.71		1.18	115.8
	Double, Clear	S	1.5	4.5	16.0	13.30		1.26	267.8
	Double, Clear	SW	1.5	4.5	6.7	16.74		1.11	124.8
	As-Built Total:				407.2				12200.4
WALL TYPES Area X BWPM = Points	Туре		R-V	/alue	Area	X W	PM	=	Points
Adjacent 172.0 3.60 619.2	Frame, Wood, Exterior		19	13.0	1420.8	3.	40		4830.7
Exterior 1420.8 3.70 5257.0	Frame, Wood, Adjacent		20	13.0	172.0	3.	30		567.6
Base Total: 1592.8 5876.2	As-Built Total:				1592.8				5398.3
DOOR TYPES Area X BWPM = Points	Туре				Area	X WI	PM	=	Points
Adjacent 20.0 8.00 160.0	Exterior Insulated				40.0	8.	40		336.0
Exterior 80.0 8.40 672.0	Exterior Insulated				40.0		40		336.0
70 D 2 Control (1997/1988)	Adjacent Insulated				20.0		00		160.0
Base Total: 100.0 832.0	As-Built Total:				100.0				832.0
CEILING TYPES Area X BWPM = Points	Туре	R-	Value	Are	ea X Wi	PM X V	VCI	1 =	Points
Under Attic 2715.0 2.05 5565.8	Under Attic		;	30.0	2715.0	2.05 X 1.	00		5565.8
Base Total: 2715.0 5565.8	As-Built Total:				2715.0				5565.8

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Lakewood Estate, Plat: , , FL, PERMIT #:

	BASE			AS-BUILT						
FLOOR TYPE	S Area X	BWPM	= Points	Type R-Value Area X WPM =	Points					
Slab Raised	250.0(p) 0.0	8.9 0.00	2225.0 0.0	Slab-On-Grade Edge Insulation 0.0 250.0(p 18.80	4700.0					
Base Total:			2225.0	As-Built Total: 250.0	4700.0					
INFILTRATIO	N Area X	BWPM	= Points	Area X WPM =	Points					
	2715.0	-0.59	-1601.8	2715.0 -0.59	-1601.8					
Winter Base	Points:	1	19123.1	Winter As-Built Points: 27094.7						
Total Winter > Points	System Multiplie		ating Points	Total X Cap X Duct X System X Credit = I Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Heating Points					
19123.1	0.627	4 1	11997.8		6.0 3592.1 592.1					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Lakewood Estate, Plat: , , FL, PERMIT #:

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

	CODE COMPLIANCE STATUS													
	BASE								AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
15296		11998		7905		35199	9636		13592		7820		31048	

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7, Sub: Lakewood Estate, Plat: , , FL, PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.6

The higher the score, the more efficient the home.

Rowand Residence, Lot: 7, Sub: Lakewood Estate, Plat: , , FL,

 New construction or existing Single family or multi-family Number of units, if multi-family Number of Bedrooms Is this a worst case? 	New Single family 1 3 Yes	a b	Cooling systems . Central Unit	Cap: 51.0 kBtu/hr SEER: 13.00	1 1 1
 6. Conditioned floor area (ft²) 7. Glass type ¹ and area: (Label reqd. 	2715 ft ² by 13-104 4.5 if not default)	c	. N/A		_
a. U-factor:	Description Area		Heating systems		_
(or Single or Double DEFAULT) b. SHGC:	7a. (Dble Default) 407.2 ft ²	_ a	. Electric Heat Pump	Cap: 51.0 kBtu/hr HSPF: 7.90	_
(or Clear or Tint DEFAULT)	7b. (Clear) 407.2 ft ²	_ b	. N/A	11311.7.70	_
Floor types a. Slab-On-Grade Edge Insulation	R=0.0, 250.0(p) ft	_ c	. N/A		_
b. N/A c. N/A		- 14	Hot water systems		_
9. Wall types			. Electric Resistance	Cap: 40.0 gallons	_
a. Frame, Wood, Exterior	R=13.0, 1420.8 ft ²		D-1278	EF: 0.93	_
b. Frame, Wood, Adjacentc. N/A	R=13.0, 172.0 ft ²	— ь	. N/A		_
d. N/A		c	. Conservation credits		$\overline{}$
e. N/A		_ `	(HR-Heat recovery, Solar		-
10. Ceiling types		_	DHP-Dedicated heat pump)		
a. Under Attic	R=30.0, 2715.0 ft ²	15.	HVAC credits		
b. N/A		_	(CF-Ceiling fan, CV-Cross ventilation,		_
c. N/A		_	HF-Whole house fan,		
11. Ducts			PT-Programmable Thermostat,		
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 190.0 ft	_	MZ-C-Multizone cooling,		
b. N/A		-	MZ-H-Multizone heating)		
I certify that this home has comp Construction through the above e		•	•	OF THE STATE	À
in this home before final inspecti based on installed Code complian		Display C	ard will be completed		Soll line
Builder Signature:		Date:		E TO	9
Address of New Home:				I. The same	

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



Milton Builders, LLC

FOREST PLANTATION S.D. • PHONE (386) 755-5827

1296 SW Ridge St. Lake City, Florida 32024

April 04, 2007

The Columbia County Building & Zoning Department Plan Review

Joe Haltiwanger:

We have received the letter in reference to building application number: 0704-02, Sue Rowand. We will be in compliance with all that is required.

Thank you.

Jay Milton Milton Builders



OCCUPANC

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 23-3S-16-02272-107

Fire: 70.62

Building permit No. 000025716

Use Classification SFD/UTILITY

Permit Holder JAY MILTON

Waste: 184.25

Owner of Building SUE ROWAN

Date: 11/21/2007

Location:

182 NW EMPORIA GLEN

254.87

Total:

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)

Residential System Sizing Calculation

Summary Project Title:

Rowand Residence

Project Title: 703091MiltonBuilders

Class 3 Rating Registration No. 0 Climate: North

, FL

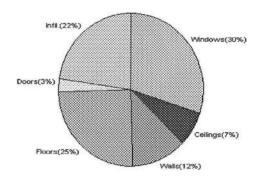
3/13/2007

				0/10/2007	
Location for weather data: Gaine	sville - De	faults: Lati	tude(29) Altitude(152 ft.) Temp Ran	ge(M)	
Humidity data: Interior RH (50%	6) Outdoo	r wet bulb (77F) Humidity difference(54gr.)		
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	43426	Btuh	Total cooling load calculation	36968	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	117.4	51000	Sensible (SHR = 0.75)	122.3	38250
Heat Pump + Auxiliary(0.0kW)	117.4	51000	Latent	223.8	12750
			Total (Electric Heat Pump)	138.0	51000

WINTER CALCULATIONS

Winter Heating Load (for 2715 sqft)

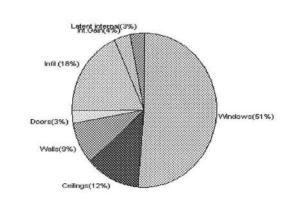
Load component			Load	
Window total	407	sqft	13108	Btuh
Wall total	1593	sqft	5231	Btuh
Door total	100	sqft	1295	Btuh
Ceiling total	2715	sqft	3199	Btuh
Floor total	250	sqft	10915	Btuh
Infiltration	239	cfm	9678	Btuh
Duct loss			0	Btuh
Subtotal			43426	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			43426	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2715 sqft)

Load component			Load	
Window total	407	sqft	18900	Btuh
Wall total	1593	sqft	3223	Btuh
Door total	100	sqft	980	Btuh
Ceiling total	2715	sqft	4496	Btuh
Floor total			0	Btuh
Infiltration	123	cfm	2291	Btuh
Internal gain			1380	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			31270	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			4498	Btuh
Latent gain(ventilation)		0	Btuh	
Latent gain(internal/occup	er)	1200	Btuh	
Total latent gain		α.	5698	Btuh
TOTAL HEAT GAIN			36968	Btuh





For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: 1940
DATE: 3-13-07

EnergyGauge® FLR2PB v4.1

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Rowand Residence

Project Title: 703091MiltonBuilders

Class 3 Rating Registration No. 0 Climate: North

, FL

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F This calculation is for Worst Case. The house has been rotated 315 degrees.

3/13/2007

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load		
1	2, Clear, Metal, 0.87	NW	90.0	32.2	2897 Btuh		
2	2, Clear, Metal, 0.87	Ν	15.0	32.2	483 Btuh		
3	2, Clear, Metal, 0.87	NW	25.0	32.2	805 Btuh		
4	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btuh		
5	2, Clear, Metal, 0.87	W	9.0	32.2	290 Btuh		
6	2, Clear, Metal, 0.87	SW	20.0	32.2	644 Btuh		
7	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh		
8	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh		
9	2, Clear, Metal, 0.87	NE	30.0	32.2	966 Btuh		
10	2, Clear, Metal, 0.87	NE	6.0	32.2	193 Btuh		
11	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh		
12	2, Clear, Metal, 0.87	SE	20.0	32.2	644 Btuh		
13	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btuh		
14	2, Clear, Metal, 0.87	SE	12.5	32.2	402 Btuh		
15	2, Clear, Metal, 0.87	E	6.7	32.2	216 Btuh		
16	2, Clear, Metal, 0.87	SE	16.0	32.2	515 Btuh		
17	2, Clear, Metal, 0.87	S	6.7	32.2	216 Btuh		
1.5	Window Total	J	407(sqft)	02.2	13108 Btuh		
Walls	Туре	R-Value	Area X	HTM=	Load		
1	Frame - Wood - Ext(0.09)	13.0	1421	3.3	4666 Btuh		
2	Frame - Wood - Adj(0.09)	13.0	172	3.3	565 Btuh		
-	Wall Total	10.0	1593	0.0	5231 Btuh		
Doors	Туре		Area X	HTM=	Load		
1	Insulated - Adjacent		20	12.9	259 Btuh		
2	Insulated - Exterior		40	12.9	518 Btuh		
3	Insulated - Exterior		40	12.9	518 Btuh		
3	Door Total		100	12.9			
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	1295Btuh Load		
1	Vented Attic/D/Shin)	30.0	2715	1.2			
	Ceiling Total	30.0	2715	1.2	3199 Btuh		
Floors	Type	R-Value	Size X	LITA	3199Btuh		
1	Slab On Grade	0		HTM=	Load		
		U	250.0 ft(p)	43.7	10915 Btuh		
	Floor Total		250		10915 Btuh		
		7	one Envelope S	Subtotal:	33748 Btuh		
			one Envelope C	Subtotal.	33746 Bluii		
Infiltration	Туре	ACH X	Zone Volume	CFM=			
	Natural	0.66	21720	238.9	9678 Btuh		
Ductload	Average sealed, R6.0, Supp	oly(Attic), Retu	ırn(Attic)	(DLM of 0.00)	0 Btuh		
Zone #1	Zone #1 Sensible Zone Subtotal EnergyGauge® FLR2PB v4.1						

Manual J Winter Calculations

Residential Load - Component Details (continued)

Rowand Residence

, FL

Project Title: 703091MiltonBuilders

Class 3 Rating Registration No. 0 Climate: North

3/13/2007

WHOLE HOUSE TOTALS

Subtotal Sensible 43426 Btuh
Ventilation Sensible 0 Btuh
Total Btuh Loss 43426 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Rowand Residence

Project Title: 703091MiltonBuilders

Class 3 Rating Registration No. 0 Climate: North

, FL

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F This calculation is for Worst Case. The house has been rotated 315 degrees.

3/13/2007

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation		HTM=	Load		
1	2, Clear, Metal, 0.87	NW	90.0	32.2	2897 Btuh		
2	2, Clear, Metal, 0.87	N	15.0	32.2	483 Btuh		
3	2, Clear, Metal, 0.87	NW	25.0	32.2	805 Btuh		
4	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btuh		
5	2, Clear, Metal, 0.87	W	9.0	32.2	290 Btuh		
6	2, Clear, Metal, 0.87	SW	20.0	32.2	644 Btuh		
7	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh		
8	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh		
9	2, Clear, Metal, 0.87	NE	30.0	32.2	966 Btuh		
10	2, Clear, Metal, 0.87	NE	6.0	32.2	193 Btuh		
11	2, Clear, Metal, 0.87	SE	72.0	32.2	2318 Btuh		
12	2, Clear, Metal, 0.87	SE	20.0	32.2	644 Btuh		
13	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btuh		
14	2, Clear, Metal, 0.87	SE	12.5	32.2	402 Btuh		
15	2, Clear, Metal, 0.87	E	6.7	32.2	216 Btuh		
16	2, Clear, Metal, 0.87	SE	16.0	32.2	515 Btuh		
17	2, Clear, Metal, 0.87	S	6.7	32.2	216 Btuh		
.,	Window Total	3	407(sqft)	32.2			
Walls	Type	R-Value	Area X	HTM=	13108 Btuh Load		
1	Frame - Wood - Ext(0.09)	13.0	1421	3.3			
2	Frame - Wood - Ext(0.09)		172		4666 Btuh		
2		13.0		3.3	565 Btuh		
Dooro	Wall Total		1593	LITA	5231 Btuh		
Doors	Type		Area X	HTM=	Load		
1	Insulated - Adjacent		20	12.9	259 Btuh		
2	Insulated - Exterior		40	12.9	518 Btuh		
3	Insulated - Exterior		40	12.9	518 Btuh		
	Door Total		100		1295Btuh		
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load		
1	Vented Attic/D/Shin)	30.0	2715	1.2	3199 Btuh		
	Ceiling Total		2715		3199Btuh		
Floors	Туре	R-Value	Size X	HTM=	Load		
1	Slab On Grade	0	250.0 ft(p)	43.7	10915 Btuh		
	Floor Total		250		10915 Btuh		
		Z	one Envelope S	ubtotal:	33748 Btuh		
Infiltration	Туре	ACH X	Zone Volume	CFM=			
	Natural	0.66	21720	238.9	9678 Btuh		
Ductload	Average sealed, R6.0, Supp	0 Btuh					
Zone #1	Cone #1 Sensible Zone Subtotal EnergyGauge® FLR2PB v4.1						

Manual J Winter Calculations

Residential Load - Component Details (continued)

Rowand Residence

, FL

Project Title: 703091MiltonBuilders Class 3 Rating Registration No. 0 Climate: North

3/13/2007

WHOLE HOUSE TOTALS

Subtotal Sensible Ventilation Sensible Total Btuh Loss

43426 Btuh 0 Btuh 43426 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Rowand Residence

Project Title: 703091MiltonBuilders

Class 3 Rating Registration No. 0 Climate: North

, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

3/13/2007

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

Component Loads for Whole House

	Type*		Overhang V		Win	Window Area(sqft)		НТМ		Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross		Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	90.0	0.0	90.0	29	60	5403	Btuh
2	2, Clear, 0.87, None, N, N	N	16ft.	6.5ft.	15.0	0.0	15.0	29	29	434	Btuh
3	2, Clear, 0.87, None, N, N	NW	14ft.	6.5ft.	25.0	0.0	25.0	29	60	1501	Btuh
4	2, Clear, 0.87, None, N, N	NW	14ft.	6.5ft.	30.0	0.0	30.0	29	60	1801	Btuh
5	2, Clear, 0.87, None,N,N	W	16ft.	4.5ft.	9.0	9.0	0.0	29	80	261	Btuh
6	2, Clear, 0.87, None, N, N	SW	28ft.	6.5ft.	20.0	20.0	0.0	29	63	579	Btuh
7	2, Clear, 0.87, None, N, N	W	5ft.	6.5ft.	20.0	10.6	9.4	29	80	1054	Btuh
8	2, Clear, 0.87, None, N, N	NW	10ft.	6.5ft.	15.0	0.0	15.0	29	60	901	Btuh
9	2, Clear, 0.87, None, N, N	NE	1.5ft.	5.5ft.	30.0	0.0	30.0	29	60	1801	Btuh
10	2, Clear, 0.87, None, N, N	NE	1.5ft.	3.5ft.	6.0	0.0	6.0	29	60	360	Btuh
11	2, Clear, 0.87, None,N,N	SE	1.5ft.	Oft.	72.0	72.0	0.0	29	63	2085	Btuh
12	2, Clear, 0.87, None,N,N	SE	1.5ft.	Oft.	20.0	20.0	0.0	29	63	579	Btuh
13	2, Clear, 0.87, None, N, N	SE	5ft.	8ft.	13.3	13.3	0.0	29	63	385	Btuh
14	2, Clear, 0.87, None, N, N	SE	5ft.	3ft.	12.5	12.5	0.0	29	63	362	Btuh
15	2, Clear, 0.87, None, N, N	E	1.5ft.	4.5ft.	6.7	1.2	5.5	29	80	470	Btuh
16	2, Clear, 0.87, None, N, N	SE	1.5ft.	4.5ft.	16.0	8.1	7.9	29	63	729	Btuh
17	2, Clear, 0.87, None, N, N	S	1.5ft.	4.5ft.	6.7	6.7	0.0	29	34	194	Btuh
	Window Total				407 (sqft)			50-50-61	18900	Btuh
Walls	Туре						(sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/0	0.09	142	20.8		2.1	2964	Btuh
2	Frame - Wood - Adj			13.0/0		172.0			1.5		Btuh
	Wall Total					2020	3 (sqft)		1.0	3223	
Doors	Туре					Area			нтм	Load	Diuii
Washington Charles	A STATE OF THE PARTY OF THE PAR										
1	Insulated - Adjacent						0.0		9.8	196	
2	Insulated - Exterior						0.0		9.8		Btuh
3	Insulated - Exterior						0.0		9.8		Btuh
	Door Total					10	0 (sqft)			980	Btuh
Ceilings	Type/Color/Surface		R-Va	alue		Area	(sqft)		HTM	Load	
1	Vented Attic/DarkShingle			30.0		271	5.0		1.7	4496	Btuh
	Ceiling Total					271	5 (sqft)			4496	
Floors	Туре		R-Va	alue		Si			НТМ	Load	Dian
1	Slab On Grade			0.0					0.0		Btuh
	Floor Total			2012			0 (sqft)		0.0		Btuh
						Zo	one Enve	elope Sı	ubtotal:	27600	Btuh
nfiltration	Туре		Α	СН		Volum			CFM=	Load	
1-1	SensibleNatural			0.34		217			123.1	2291	Btuh
Internal		(Occup			Btuh/oc		Α	ppliance	Load	
gain	A	o	/ A 441 - N	6		(23	0 +	D.C	0	1380	Btuh
Duct load	Average sealed, R6.0,	Supply	(Attic)	, Retu	rn(Atti	C)		DGM:	= 0.00	0.0	Btuh
							Sensib	le Zone	Load	31270 I	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Rowand Residence

, FL

Project Title: 703091 Milton Builders

Class 3 Rating Registration No. 0 Climate: North

3/13/2007

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	31270	Btuh
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	31270	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	31270	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	4498	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	5698	Btuh
	TOTAL GAIN	36968	Btuh

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

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

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

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

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

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

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Rowand Residence

703091MiltonBuilders

Class 3 Rating Registration No. 0 Climate: North

, FL

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

3/13/2007

Component Loads for Zone #1: Main

	Type*		Over	hang	Overhang Window Area(sqft) HTM			Load			
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	\$2-35-56-56	
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	90.0	0.0	90.0	29	60	5403	Btuh
2	2, Clear, 0.87, None, N, N	N	16ft.	6.5ft.	15.0	0.0	15.0	29	29	434	Btuh
3	2, Clear, 0.87, None, N, N	NW	14ft.	6.5ft.	25.0	0.0	25.0	29	60	1501	Btuh
4	2, Clear, 0.87, None, N, N	NW	14ft.	6.5ft.	30.0	0.0	30.0	29	60	1801	Btuh
5	2, Clear, 0.87, None,N,N	W	16ft.	4.5ft.	9.0	9.0	0.0	29	80	261	Btuh
6	2, Clear, 0.87, None,N,N	SW	28ft.	6.5ft.	20.0	20.0	0.0	29	63	579	Btuh
7	2, Clear, 0.87, None, N, N	W	5ft.	6.5ft.	20.0	10.6	9.4	29	80	1054	100000000000000000000000000000000000000
8	2, Clear, 0.87, None,N,N	NW	10ft.	6.5ft.	15.0	0.0	15.0	29	60	901	Btuh
9	2, Clear, 0.87, None, N, N	NE	1.5ft.	5.5ft.	30.0	0.0	30.0	29	60	1801	Btuh
10	2, Clear, 0.87, None,N,N	NE	1.5ft.	3.5ft.	6.0	0.0	6.0	29	60	360	Btuh
11	2, Clear, 0.87, None,N,N	SE	1.5ft.	Oft.	72.0	72.0	0.0	29	63	2085	Btuh
12	2, Clear, 0.87, None,N,N	SE	1.5ft.	Oft.	20.0	20.0	0.0	29	63	579	Btuh
13	2, Clear, 0.87, None,N,N	SE	5ft.	8ft.	13.3	13.3	0.0	29	63	385	Btuh
14	2, Clear, 0.87, None,N,N	SE	5ft.	3ft.	12.5	12.5	0.0	29	63	362	
15	2, Clear, 0.87, None,N,N	E	1.5ft.	4.5ft.	6.7	1.2	5.5	29	80	470	Btuh
16	2, Clear, 0.87, None,N,N	SE	1.5ft.	4.5ft.	16.0	8.1	7.9	29	63	729	Btuh
17	2, Clear, 0.87, None,N,N	S	1.5ft.	4.5ft.	6.7	6.7	0.0	29	34		Btuh
	Window Total				407 (18900	Btuh
Walls	Туре		R-Va	alue/U	-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/0	0.09	142	8.0		2.1	2964	Btuh
2	Frame - Wood - Adj			13.0/0	0.09	172.0			1.5	260	Btuh
	Wall Total					159	3 (sqft)		101 (11/00) (11/1)	3223	Btuh
Doors	Туре					Area			HTM	Load	
1	Insulated - Adjacent					20	0.0		9.8	196	Btuh
2	Insulated - Exterior					40	0.0		9.8	392	Btuh
3	Insulated - Exterior					40	0.0		9.8	392	Btuh
	Door Total					10	0 (sqft)			980	Btuh
Ceilings	Type/Color/Surface		R-Va	alue		Area			HTM	Load	
1	Vented Attic/DarkShingle			30.0		271	5.0		1.7	4496	Btuh
	Ceiling Total						5 (sqft)		1	4496	
Floors	Type		R-Va	due			ze		НТМ	Load	Dian
1	Slab On Grade			0.0							Dhub
-1				0.0					0.0		Btuh
	Floor Total					250.	0 (sqft)			0	Btuh
						Z	one Enve	elope Si	ubtotal:	27600	Btuh
nfiltration	Туре		ACH		Volume(cuft)				CFM=	Load	
lasta ma a l	SensibleNatural			0.34		217			123.1	2291	Btuh
Internal		(Occup			Btuh/oc		P	ppliance	Load	D4. 1
gain Ouct load	Average souled DS 0	Cupple	(6 Boti		X 23	0 +	DCM	0	1380	Btul
uct load	Average sealed, R6.0,	Supply	(Attic)	, Rett	m(Atti	()		DGM	= 0.00	0.0	Btul
							Sensib	le Zone	Load	31270	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Rowand Residence

, FL

Project Title: 703091MiltonBuilders Class 3 Rating Registration No. 0 Climate: North

3/13/2007

WHOLE HOUSE TOTALS

30	Sensible Envelope Load All Zones Sensible Duct Load	31270 0	
	Total Sensible Zone Loads	31270	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	31270	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	4498	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	5698	Btuh
	TOTAL GAIN	36968	Btuh

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

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)

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

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Rowand Residence

, FL

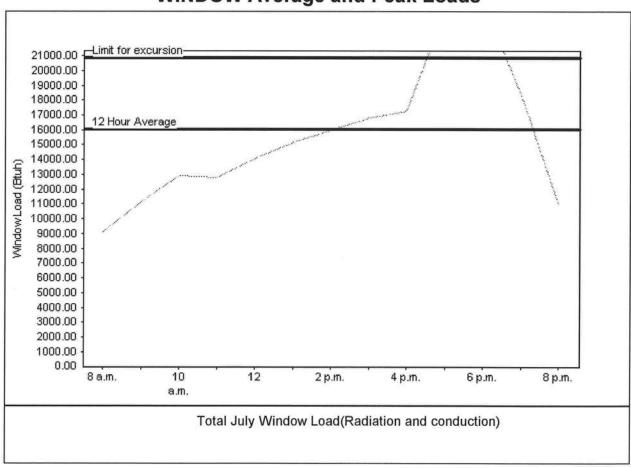
Project Title: 703091MiltonBuilders

Class 3 Rating Registration No. 0 Climate: North

3/13/2007

Weather data for: Gainesville - Del	faults			
Summer design temperature	92	F	Average window load for July	16033 Btu
Summer setpoint	75	F.	Peak window load for July	24416 Btu
Summer temperature difference	17	F	Excusion limit(130% of Ave.)	20842 Btu
Latitude	29	North	Window excursion (July)	3574 Btuh

WINDOW Average and Peak Loads



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

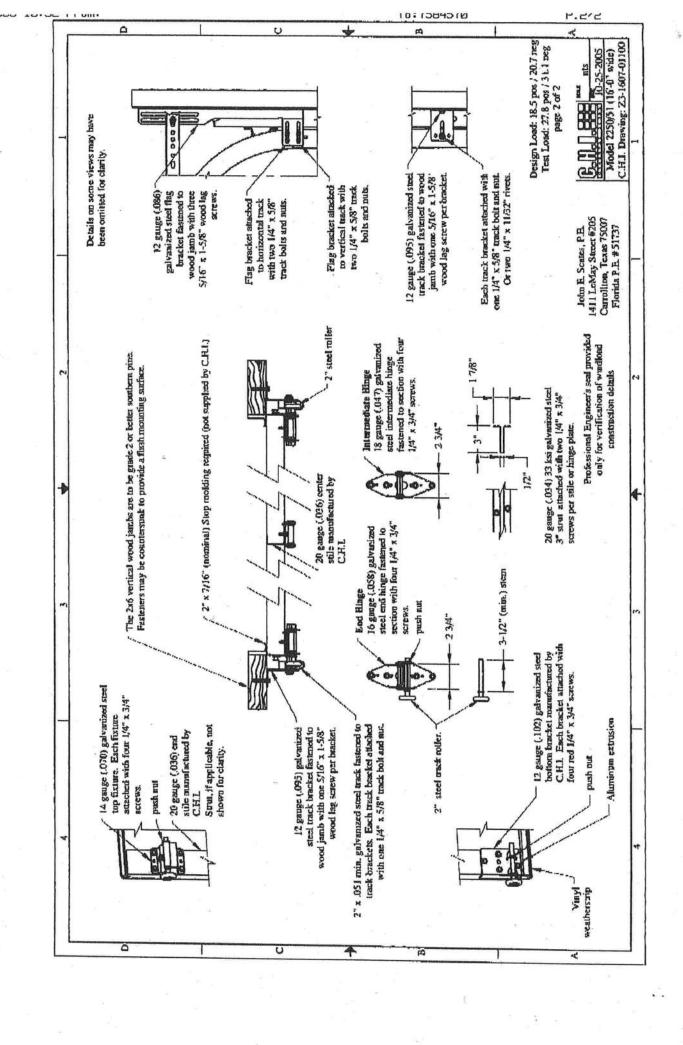
EnergyGauge® System Sizing for Florida residences only

PREPARED BY

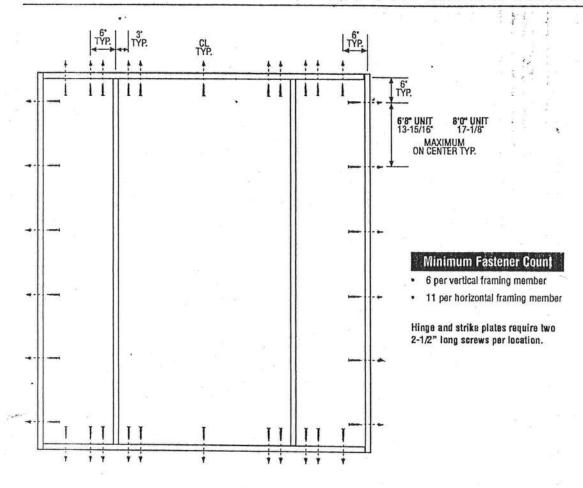
DATE:

EnergyGauge® FLR2PB v4.1





SINGLE DOOR WITH 2 SIDELITES



Latching Hardware:

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

Notes:

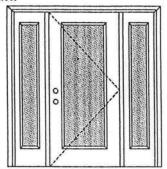
- Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners
 analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
- 2. The wood screw single shear design values come from Table 11.3A of ANSI/AF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

PREMDOR Collection Masonite Masonite

Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:

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

Single Door with 2 Sidelites
Maximum unit size = 90" x 6'8"

Design Pressure +40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMU ... ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0004-02 or MAD-WL-MA0007-02 and MAD-WL-MA0041-02.

MINIMU... INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0004-02.

APPROVED DOOR STYLES:

1/4 GLASS:



133, 135 Series







1/2 GLASS:

















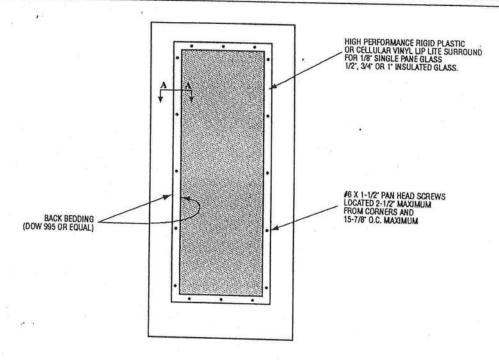
^{*}This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll,



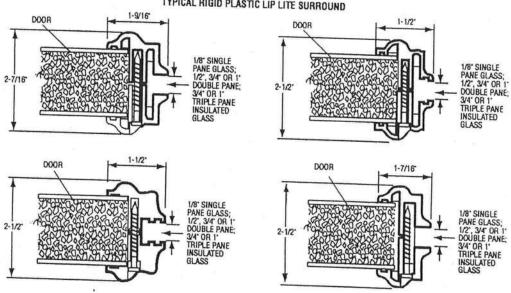
March 29, 2602
Our continuing a region of product improvement makes specifications, design and product dorall subject to councy without notice.



GLASS INSERT IN DOOR OR SIDELITE PANEL



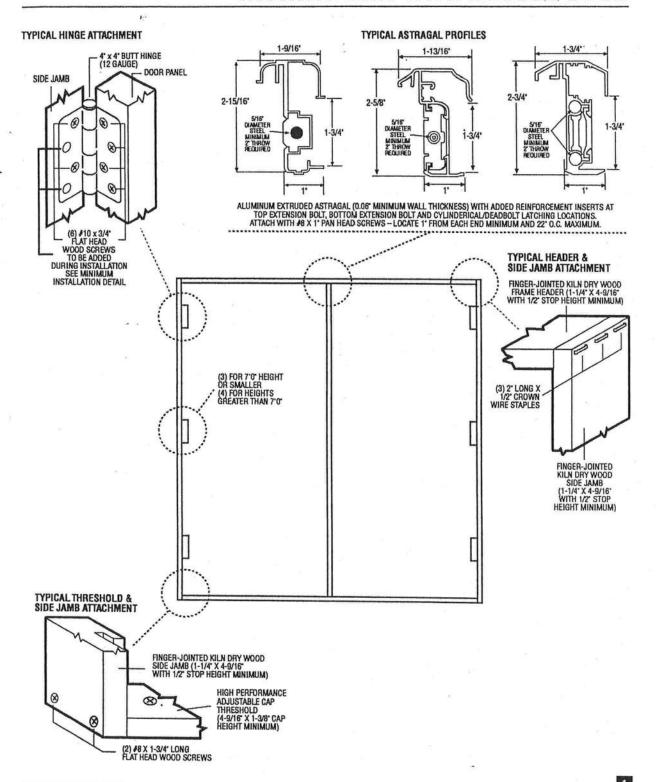
SECTION A-A TYPICAL RIGID PLASTIC LIP LITE SURROUND



mailionidalitis



INSWING UNIT WITH DOUBLE DOOR



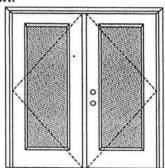
PREMIOR Rediction Masonite

Masonite

Masonite International Corporation

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:

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

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

Design Pressure +40.5/-40.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0002-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES: 1/4 GLASS:











1/2 GLASS:

















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



March 29, 2002 Our communing program of product improvement makes specifications, design and product detail subject to change without notice.





January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

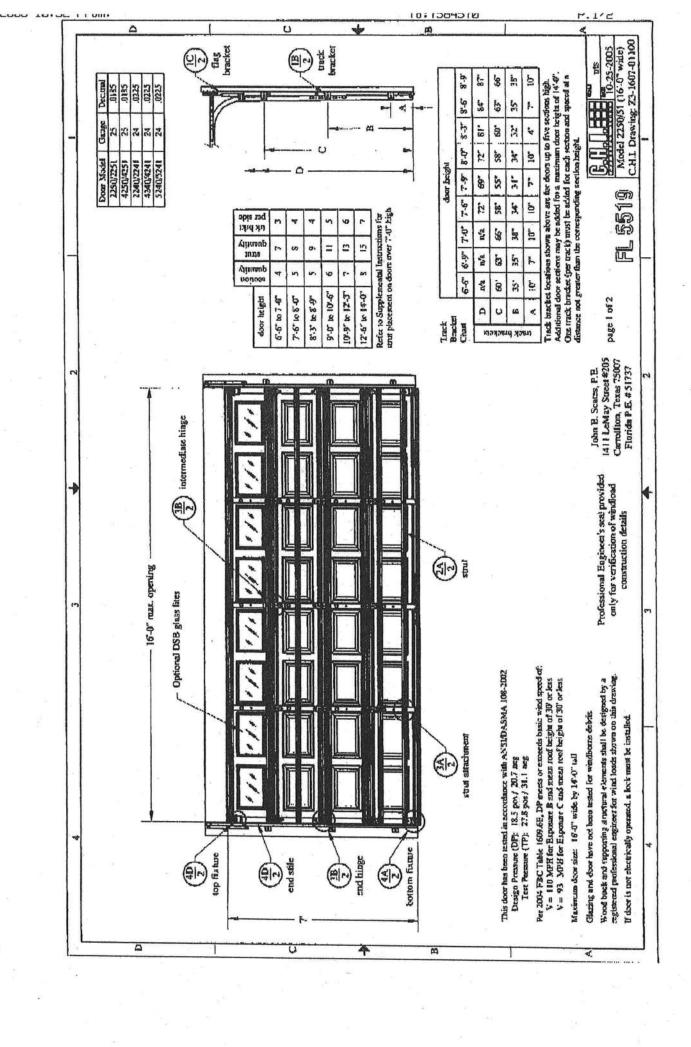
Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

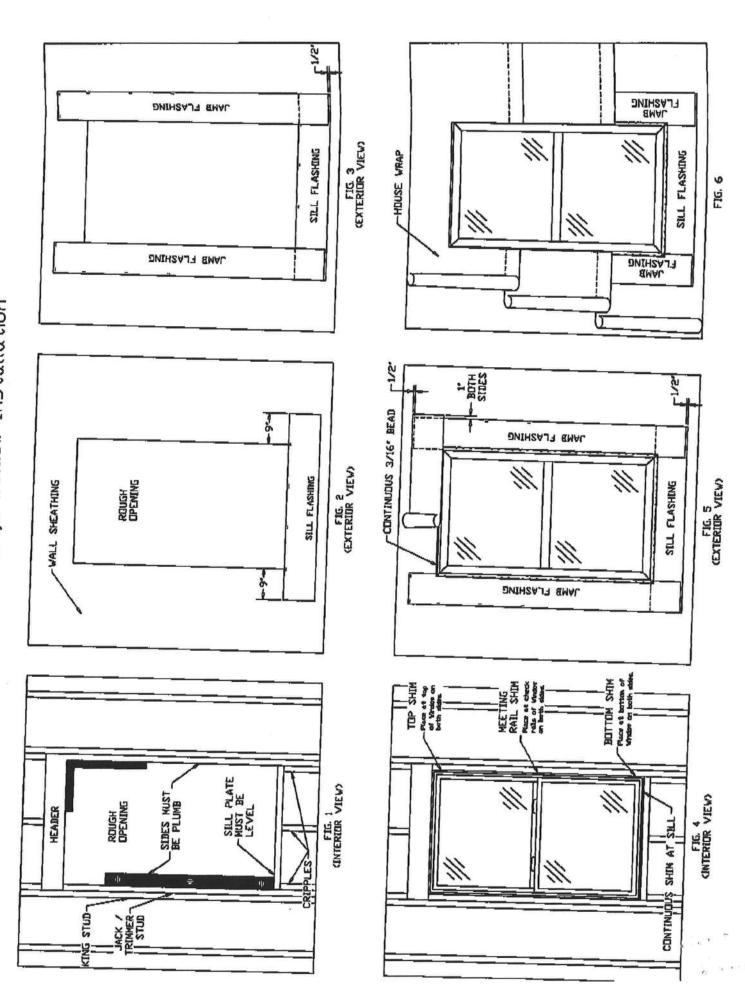
- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-4691.

TAMKO Roofing Products, Inc.







VINYL WINDOW INSTALLATION INSTRUCTIONS - METHOD "B"

Before you start. . . . read these instructions.

Important: This Window Unit has been engineered and manufactured to provide superior weather protection and service in accordance with its rating. The manufacturer strongly recommends the unit be INSTALLED PER THE INSTRUCTIONS printed below. The manufacturer disclaims any responsibility for air or water leakage above, under or around the Window(s) Unit. DO NOT PAINT any part of this Unit for any reason! Painting will null and void all warrantles.

The following tools and accessories are recommended for this installation: CARPENTER'S HAMMER, LEVEL (3' or longer), 1 3/4" CORROSION RESISTANT ROOFING NAILS, SHIMS, SEALANT, TAPE and FLASHING PAPER. Note: Sealant shall conform to Fed. Spec. TTs-S-00230C Type II Class, ASTM C920 Type S, Grade NS class 25, AAMA 808.3-92 exterior perimeter sealing compound. The flashing should be a flexible or adhesive type flashing and must be at least 9" in width. The flashing material must meet the minimum water resistance standards of ASTM-D779.

STEP 1 - Rough Opening Must Be Level, Plumb & Square. Carefully remove all packaging and parts from Unit. Make sure sash is closed and locked. Check your rough opening size. The width should be approximately ½" wider than the Unit and ½" taller (measure across the interior of frame - don't include the nailing fins when measuring). The opening at the sill plate must be level and sides must be square end plumb (Figure 1). Correct any problems before proceeding to the next step.

STEP 2 - Installing Window Unit using Method "B". This method requires the weather resistant barrier (house wrap) to be applied after installing the window. Also the sill and jamb flashing will be installed and the window set in the opening before the head

- 1. Install sill (bottom) flashing paper as shown in Figure 2 leaving 9" on either side of the rough opening. Attach the flashing paper along the rough sill and between the jambs. Do not fasten the sill flashing along the bottom edge or anywhere on the 9" overlap on each and.
- Install the jamb flashing so that it extends 8 1/2" above and below the rough opening. The bottom the jamb flashing should over lap the sill flashing. Do not fasten the jamb flashing below the bottom half of the window to allow for the house wrap to be inserted under the jamb flashing (Figure 3).
- Place a continuous shim on the sill plate of the rough opening. (Vinyl windows must have continuous support at the sill. Therefore, shims required to level the window at the sill must be continuous.)
- Place a 3/8" dlameter continuous bead of sealant around the perimeter of the window on the inside of the nailing fin in line with the pre-punched holes. This is for sealing the window's nailing fin to the sheathing or flashing. Set the Window Unit upon the sill plate and into opening. Adjust left and right to center Unit in the opening
- (approximately 1/2" space between window sides and the stude). Nailing fins must fit fist against wall and onto sealant. "Tack Nail" the upper left or right comer of the unit and check plumb and level. Adjust if necessary.
- Attach the opposite lower corner of the window and check plumb and level.
- Shims shall be cut to exact thickness and must not bind or fall out. Jamb shims shall be evenly spaced where required for frame jamb support (Figure 4). A properly shimmed Window Unit shall measure the same across the head, jambs and sill. Do no remove shims after installation is complete!
- Nail the jambs, head and sill with galvanized nails, 8" to 12" on center. Nail tight but do not "sink" nails, Sinking will
- 10. Apply a 3/8" diameter continuous bead of sealant across the nail fin of the head of the window directly over the nails
- 11. Attach the head flashing along the top edge making sure that each end extends past the jamb flashing by 1" on each
- 12. The house wrap can then be installed beginning at the base of the wall and working toward the top. At the sill of the unit, tuck the house wrap under the sill flashing and the loose ends of the jamb flashing (Figure 6).
- 13. Continue applying the house wrap toward the top placing the next layers over the Jamb and head flashing (Figure 6).

STEP 3 - Final Caulk, Required. After siding, brick or other exterior material is in place, apply a continuous bead of sealant where exterior material (siding, brick, etc.) butts Window Unit. Note to masons, when brick or other masonry is used, be sure to leave 1/2" between bottom of windowsill and brick/masonry course to avoid "Brick Binding". Note: It is very important to properly seal at vertical mullion joints between the Window Units as well as horizontally mulled stack joints between the Window Units.

STEP 4 - Shim and Remove Shipping Materials, Required. Before insulating and trimming around the Window Unit interior, place shims on both sides at meeting rails (double and single hungs). These shims are needed to keep jambs from bowing. Shims shall be cut exact thickness and shall not bind or fall out. Use woven fiberglass insulation. Do not use expandable foam insulation.

06/29/2005

Date Submitted 06/08/2005 Date Validated 06/13/2005 Date Pending FBC Approval 06/18/2005 Date Approved

	Model, Number or Name	Description		
1262.1	1101	VInyl Fixed Window		
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 1101:72X72 R(45) Tested with 1/8" Tempered, 48X72 R(50)Tested with DS annealed. For smaller window sizes, glass to comply with ASTM E1300-02.		Certification Agency Certificate Installation Instructions PTID 1262 R1 I FL INSTALLATION INSTRUCTIONS - Aluminum B.pdf PTID 1262 R1 I INSTALLATION INSTRUCTIONS - VIOLATION		
	the state of the s			
1262.2 Limits of Use	3701/3705	Aluminum Fixed Window		

Back

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 12399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
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Product Approval Accepts:









Date Submitted

06/08/2005

Date Validated

08/04/2005 06/18/2005

Date Pending FBC Approval Date Approved

08/05/2005

FL#	Model, Number or Name	Description		
1214.1	1111	Vinyl Tilt Single Hung		
Approved f Approved f Impact Res Design Pre Other: 1111 annealed,442	SSUFE: +/- 1: 48X72 R(35) Tested with DS (72 R(40)Tested with SS annealed. rIndow sizes, glass to comply with	Certification Agency Certificate Installation Instructions PTID 1214 R1 1 FL INSTALLATION INSTRUCTIONS - Aluminum B.pdf PTID 1214 R1 I INSTALLATION INSTRUCTIONS - Vinyl B.pdf Verified By:		
1214.2	3753	Aluminum Tilt Single Hung		
Approved for Approved for Impact Res Design Pres Other: 3753 with DS anne	e (See Other) or use in HVHZ; or use outside HVHZ; istant: sure: +/- :44X72 R(40) Tested with Tested aled.For smaller window sizes, glass h.ASTM E1300-02.	Certification Agency Certificate Installation Instructions Verified By:		
1214.3	4710F	Aluminum Single Hung		
Approved to Approved to Impact Resi Design Presi Other: 4710 OS annealed	c (See Other) or use in HVHZ: or use outside HVHZ; istant: istant: isure: +/- F:48X72 R(40)/DP(50), Tested with glass.For smaller window sizes, ly with ASTM E1300-02.	Certification Agency Certificate Installation Instructions Verified By;		

Back

Noxt

DCA Administration

Department of Community Affairs
Florida Building Code Onling
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 4,44-8436
© 2000-2005 The State of Florida, All rights reserved, Copyright and Discipliner
Product Approval Accepts:











Mark Disosway, P.E.

POB 868, Lake City, FL 32056, Ph 386-754-5419, Fax 386-269-4871

April 13, 2007

Building and Zoning, Columbia County, Florida

Re: Site Evaluation, Milton Builders, Rowland Residence, 23-3S-16-02272-107, Columbia County, FL

Dear Building Inspector:

The elevation of the finished floor, 143', as stated by builder, is clearly less than one foot above the elevation of the county road, Lakewood Dr at a point immediately in front of the house.

Based on topo maps, FEMA Flood Insurance Rate Map, and visual inspection the proposed finished floor elevation is at an adequate elevation to avoid flooding.

Flood Zone of Home Site: Zone X; Based on the FEMA rate map and survey by Mark Duren, WO#07-130, March 14, 2007, attached.

Home Site Natural Grade, Elevation: about 138 - 140 ft; Based on topo map, attached.

Zone A flood zone immediately to southwest of home site, Elevation: about 138.2 ft; Based on plat of record and Duren survey, attached.

Proposed Finished Floor Elevation: 143', refer to benchmark at 143'.

Observations: This house is higher, about 5 ft, than nearby isolated flood Zone A established by plat of record for this subdivision. There is clearly continuous slope drainage to this isolated flood zone. This area seems to rely on infiltration of water into the ground more than runoff to a river.

The finished floor elevation must be minimum 6" above finished grade per FBC2004. The finished grade should slope down from that elevation for another 6" within 12 feet away from the house in all directions so that all runoff drains away from the house. The owner must maintain the swales, slopes, and ditch to provide free drainage to the ditch and prevent any possibility of storm water backing up into the house.

The owner should be aware that if free drainage is not maintained thru fields and across roads and thru culverts to the lake, or if future development in the area causes increased storm water run off, or if rainfall occurs with greater flooding effect than the design storm, the level of the nearby Zone A could rise higher than anticipated and his house would be more susceptible to flooding.

Sincerely.

Mark Disosway, PE

R403 1 General

All exterior walls shall be supported on continuous solid or fully grouted masonry or concrete footings, wood foundations, or other approved structural systems which shall be of sufficient design to accommodate all loads according to Section R301 and to transmit the resulting loads to the soil within the limitations as determined from the character of the soil. Footings shall be supported on undisturbed natural soils or engineered fill.

R403.1.1 Minimum size.

Minimum sizes for concrete and masonry footings shall be as set forth in Table R403.1 and Figure R403.1(1). The footing width, W, shall be based on the load-bearing value of the soil in accordance with Table R401.4.1. Spread footings shall be at least 6 inches (152 mm) in thickness. Footing projections, P, shall be at least 2 inches (51 mm) and shall not exceed the thickness of the footing. The size of footings supporting piers and columns shall be based on the tributary load and allowable soil pressure in accordance with Table R401.4.1. Footings for wood foundations shall be in accordance with the details set forth in Section R403.2, and Figures R403.1(2) and R403.1(3).

R403.1.4 Minimum depth.

All exterior footings shall be placed at least 12 inches (305 mm) below the undisturbed ground surface.

R403.1.5 Slope.

The top surface of footings shall be level. The bottom surface of footings shall not have a slope exceeding one unit vertical in 10 units horizontal (10-percent slope). Footings shall be stepped where it is necessary to change the elevation of the top surface of the footings or where the slope of the bottom surface of the footings will exceed one unit vertical in ten units horizontal (10-percent slope).

R403.1.6 Foundation anchorage.

When braced wall panels are supported directly on continuous foundations, the wall wood sill plate or cold-formed steel bottom track shall be anchored to the foundation in accordance with this section.

The wood sole plate at exterior walls on monolithic slabs and wood sill plate shall be anchored to the foundation with anchor bolts spaced a maximum of 6 feet (1829 mm) on center. There shall be a minimum of two bolts per plate section with one bolt located not more than 12 inches (305 mm) or less than seven bolt diameters from each end of the plate section. Bolts shall be at least ½ inch (12.7 mm) in diameter and shall extend a minimum of 7 inches (178 mm) into masonry or concrete. Interior bearing wall sole plates on monolithic slab foundations shall be positively anchored with approved fasteners. A nut and washer shall be tightened on each bolt to the plate. Sills and sole plates shall be protected against decay and termites where required by Sections R319 and R320. Cold-formed steel framing systems shall be fastened to the wood sill plates or anchored directly to the foundation as required in Section R505.3.1 or R603.1.1.

Exception: Foundation anchor straps, spaced as required to provide equivalent anchorage to 1/2-inch-diameter (12.7 mm) anchor bolts.

R403.1.6.1 Reserved.

R403.1.7 Footings on or adjacent to slopes.

The placement of buildings and structures on or adjacent to slopes steeper than 1 unit vertical in 3 units horizontal (33.3-percent slope) shall conform to Sections R403.1.7.1 through R403.1.7.4.

R403.1.7.1 Building clearances from ascending slopes.

In general, buildings below slopes shall be set a sufficient distance from the slope to provide protection from slope drainage, erosion and shallow failures. Except as provided in Section R403.1.7.4 and Figure R403.1.7.1, the following criteria will be assumed to provide this protection. Where the existing slope is steeper than one unit vertical in one unit horizontal (100-percent slope), the toe of the slope shall be assumed to be at the intersection of a horizontal plane drawn from the top of the foundation and a plane drawn tangent to the slope at an angle of 45 degrees (0.79 rad) to the horizontal. Where a retaining wall is constructed at the toe of the slope, the height of the slope shall be measured from the top of the wall to the top of the slope.

R403.1.7.2 Footing setback from descending slope surfaces.

Footings on or adjacent to slope surfaces shall be founded in material with an embedment and setback from the slope surface sufficient to provide vertical and lateral support for the footing without detrimental settlement. Except as provided for in Section R403.1.7.4 and Figure R403.1.7.1, the following setback is deemed adequate to meet the criteria. Where the slope is steeper than one unit vertical in one unit horizontal (100-percent slope), the required setback shall be measured from an imaginary plane 45 degrees (0.79 rad) to the horizontal, projected upward from the toe of the slope.

R403.1.7.3 Foundation elevation.

On graded sites, the top of any exterior foundation shall extend above the elevation of the street gutter at point of discharge or the inlet of an approved drainage device a minimum of 12 inches (305 mm) plus 2 percent. Alternate elevations are permitted subject to the approval of the building official, provided it can be demonstrated that required drainage to the point of discharge and away from the structure is provided at all locations on the site.

R403.1.7.4 Alternate setback and clearances.

Alternate setbacks and clearances are permitted, subject to the approval of the building official. The building official is permitted to require an investigation and recommendation of a qualified engineer to demonstrate that the intent of this section has been satisfied. Such an investigation shall include consideration of material, height of slope, slope gradient, load intensity and erosion characteristics of slope material.

R403.1.8 Foundations on expansive soils.

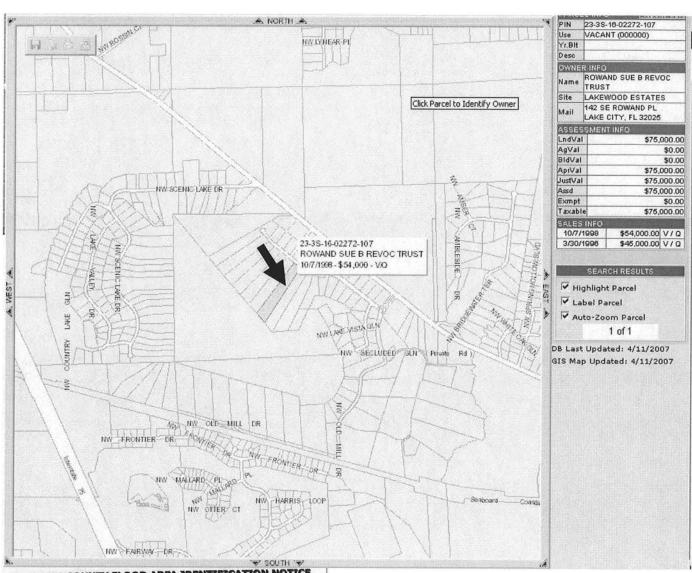
Foundation and floor slabs for buildings located on expansive soils shall be designed in accordance with Section 1805.8 of the Florida Building Code, Building.

Exception: Slab-on-ground and other foundation systems which have performed adequately in soil conditions similar to those encountered at the building site are permitted subject to the approval of the building official.

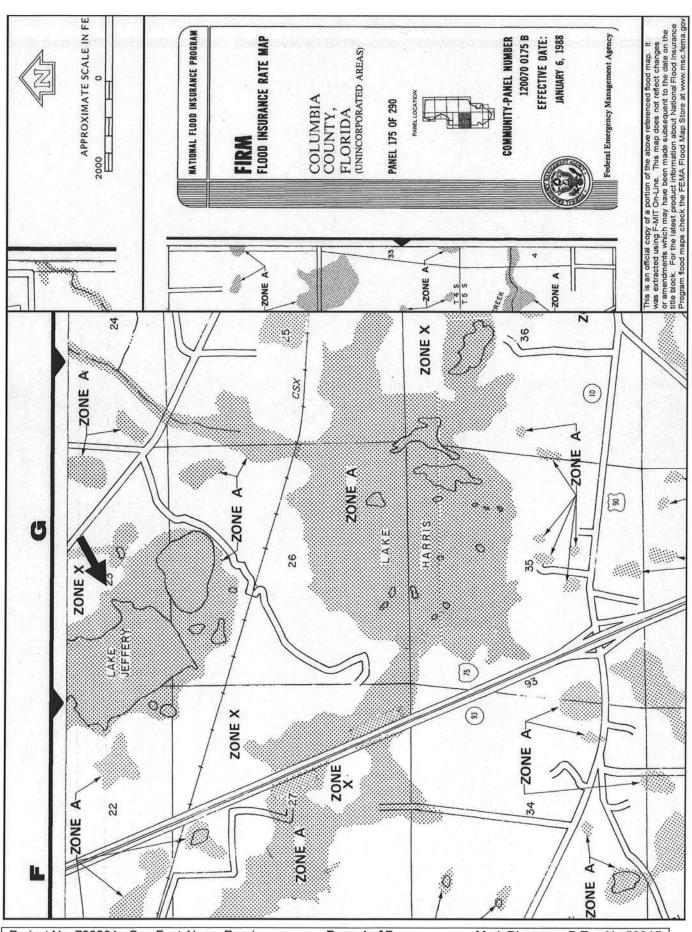
R403.1.8.1 Expansive soils classifications.

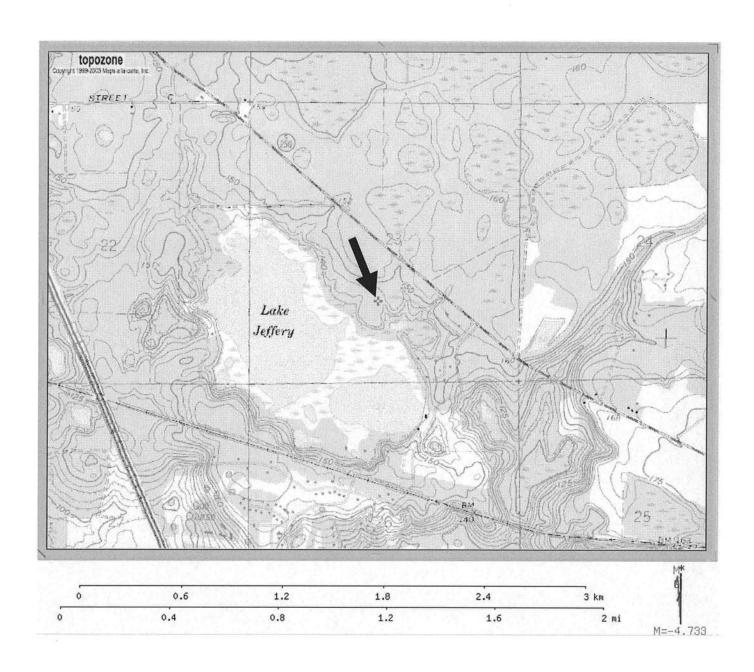
Soils meeting all four of the following provisions shall be considered expansive, except that tests to show compliance with Items 1, 2 and 3 shall not be required if the test prescribed in Item 4 is conducted:

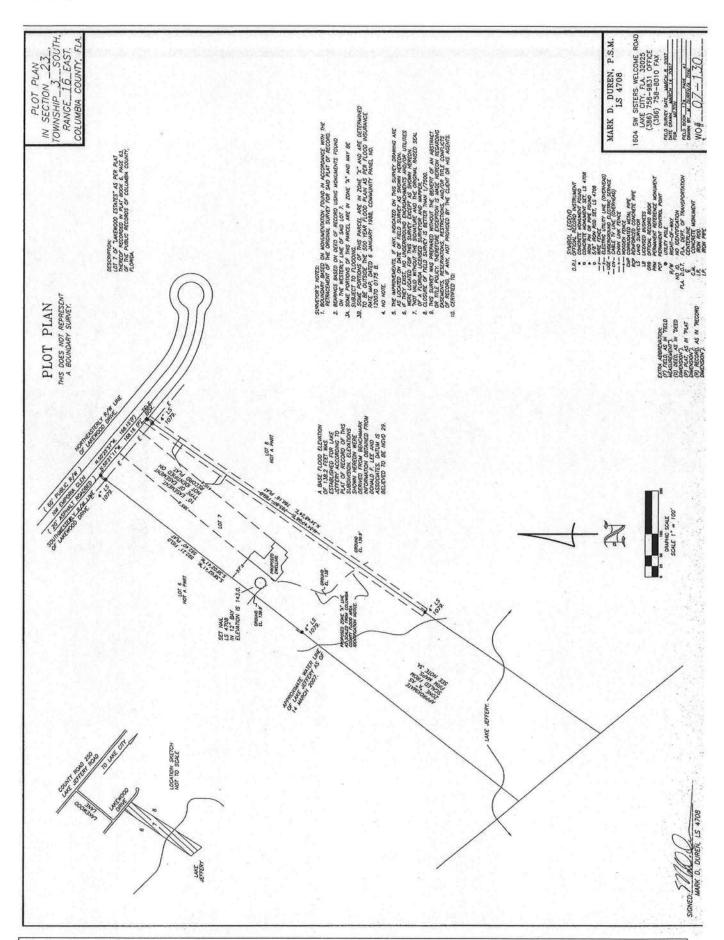
- Plasticity Index (PI) of 15 or greater, determined in accordance with ASTM D 4318.
- 2. More than 10 percent of the soil particles pass a No. 200 sieve (75 mm), determined in accordance with ASTM D 422.
- 3. More than 10 percent of the soil particles are less than 5 micrometers in size, determined in accordance with ASTM D 422.
- Expansion Index greater than 20, determined in accordance with ASTM D 4829.

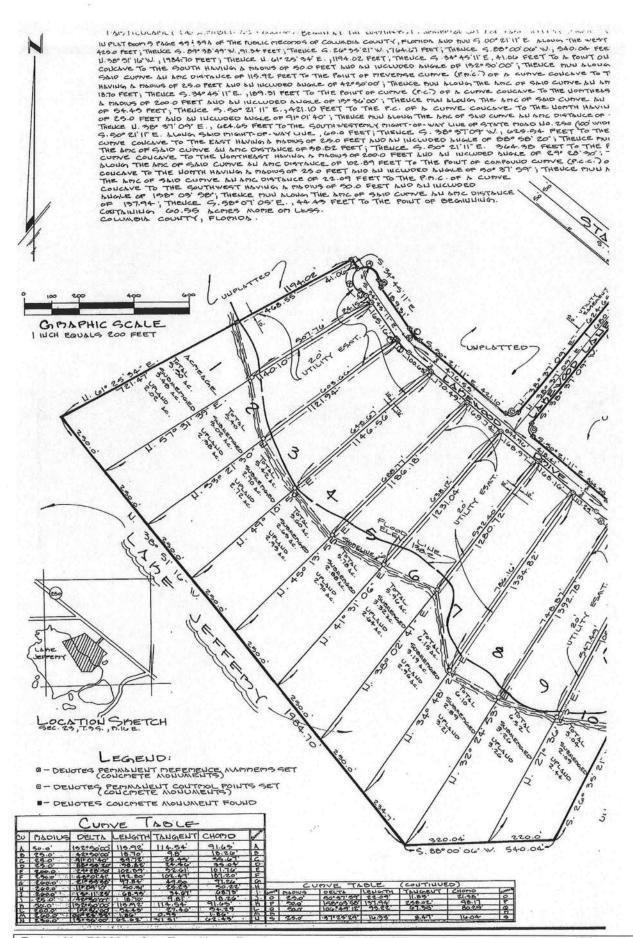


The shaded area'(s) have been designated by FEMA on the new FIRM (Flood Insurance Rate Map) as having the potential to flood. This document is provided as information to the property owner'(s).









From: The Columbia County Building & Zoning Department

Plan Review

135 NE Hernando Av.

P.O. Box 1529

Lake City Florida 32056-1529



Phone Number 386-758-4507 Fax Number 386-754-7088

FAX TRANSMITTAL

To: Jay Milton

From: Joe Haltiwanger

Date Sent: 04/04/07

CC: Building permit application 0704-02

Number of Pages: Three pages including the cover page

Fax: (386) 758-4507

Message: Reference to building permit application Number: 0704-02

Sue Rowan single family dwelling

To the review of the party to whom it is addressed. It may contain proprietary and/or privileged information protected by law. If you are not the intended recipient, you may not use, copy or distribute this facsimile message or its attachments. If you have received this transmission in error, please immediately telephone the sender above to arrange for its return.



From: The Columbia County Building & Zoning Department

Plan Review

135 NE Hernando Av.

P.O. Box 1529

Lake City Florida 32056-1529

Reference to a building permit application Number: 0704-02

Jay Milton Contractor, Owner Sue Rowan Property ID# 23-3s-16-02272-107

On the date of April 4, 2007 application 0704-02 and plans for construction of single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0704-02 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

- **1.** The plans show an attached garage on the single family dwelling. The Florida Residential Building Code 2004 (FRBC) requires that the following code requirements be complied with.
 - A. R309.1 Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors.

- B. R309.1.1 Duct penetration: Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage.
- C. R309.2 Separation required: The garage shall be separated from the residence and its attic area by not less than ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than ½-inch (12.7 mm) gypsum board or equivalent.
- 2. The electrical plans shows the location of the electrical panel to be in the garage area, indicate the ampere rating of the electrical panel. Also show the location of the electrical service entrance. Please indicate on the electrical plan that an overcurrent protection device will be installed on the exterior of structures to serve as a disconnecting means. 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.
- 3. The electrical plans show the location of the smoke alarms, please indicate that section R313.1 of the FRBC: Smoke alarms, will be complied with. When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.
- **4.** The electrical plans indicate that AVB protection for all plugs; please verify that all branch circuits supplying outlets within all bedrooms meet the requirements of the National Electrical Code article 210.12: all branch circuits supplying outlets installed within a bedroom shall be protected by Arc-Fault interrupter devices.

Thank You:

Joe Haltiwanger Plan Examiner

Columbia County Building

Department

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE **EFFECTIVE OCTOBER 1, 2005**

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING 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 SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERA	AL REQUIRE	MENTS: Two (2) complete sets of plans containing the following:
Applicant	Plans Exam	iner (2) complete sets of plans containing the following:
X	0	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square
14	0	footage of different areas shall be shown on plans. Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
M		Site Plan including: a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
ja		Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
A A A	0 0	Elevations including: a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation

MNA		d) Location, size and height above roof of chimneys.
BNA	a	e) Location and size of skylights
DZ.		f) Building height
Ø	0	e) Number of stories
•		Floor Plan including:
12		a) Rooms labeled and dimensioned.
₽ Ø		b) Shear walls identified.
X	0	c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
足		d) Show safety glazing of glass, where required by code.
超		e) Identify egress windows in bedrooms, and size.
	0	 f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
□nA	0	g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
A		h) Must show and identify accessibility requirements (accessible bathroom)
_	_	Foundation Plan including:
A ~	0	 a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
Ø.	0	b) All posts and/or column footing including size and reinforcing
□ MA	0	c) Any special support required by soil analysis such as piling
\Box nA		d) Location of any vertical steel.
m	-	Roof System:
因		a) Truss package including:
		 Truss layout and truss details signed and sealed by Fl. Pro. Eng. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
SIC.		b) Conventional Framing Layout including:
		 Rafter size, species and spacing
		3. Ridge beam sized and valley framing and support details 4. Roof assembly (FRC 106 1 1 2)Poofing systems and sized and support details
		4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
		Wall Sections including:
JOY .		a) Masonry wall
		1. All materials making up wall
		Block size and mortar type with size and spacing of reinforcement
		3. Limei, tie-beam sizes and reinforcement
		 Gable ends with rake beams showing reinforcement or gable truss
		and wall bracing details
		5. All required connectors with uplift rating and required number and
		size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
		6. Roof assembly shown here or on roof system detail (FBC
		106.1.1.2) Roofing system, materials, manufacturer, fastening
		requirements and product evaluation with resistance rating)
		7. Fire resistant construction (if required)
		8. Fireproofing requirements
		9. Shoe type of termite treatment (termiticide or alternative method)
	20	10. Slab on grade
8		 Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
		b. Must show control joints, synthetic fiber reinforcement or
		weiged fire labric reinforcement and supports
		11. Indicate where pressure treated wood will be placed
		12. Provide insulation R value for the following:

Crawl space (if applicable) M b) Wood frame wall 1. All materials making up wall 2. Size and species of studs 3. Sheathing size, type and nailing schedule 4. Headers sized 5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail 6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans. 7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) 8. Fire resistant construction (if applicable) 9. Fireproofing requirements 10. Show type of termite treatment (termiticide or alternative method) 11. Slab on grade a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports 12. Indicate where pressure treated wood will be placed 13. Provide insulation R value for the following: a. Attic space b. Exterior wall cavity Crawl space (if applicable) c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. DAA П Engineer or Architect) Floor Framing System: a) Floor truss package including layout and details, signed and sealed by Florida 应 Registered Professional Engineer DAA П b) Floor joist size and spacing W c) Girder size and spacing MAA d) Attachment of joist to girder e) Wind load requirements where applicable 54 Id: Plumbing Fixture layout Electrical layout including: a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified V DC. П b) Ceiling fans 2 c) Smoke detectors M. d) Service panel and sub-panel size and location(s) e) Meter location with type of service entrance (overhead or underground) 尽 П M f) Appliances and HVAC equipment g) Arc Fault Circuits (AFCI) in bedrooms h) Exhaust fans in bathroom **HVAC** information M П a) Energy Calculations (dimensions shall match plans) b) Manual J sizing equipment or equivalent computation M Ø c) Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

Private Potable Water

*** Notice Of Commencement Required Before Any Inspections Will Be Done

DW

B

M

П

Attic space

Exterior wall cavity

b.

- a) Size of pump motor
- b) Size of pressure tank
- c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

- 1. <u>Building Permit Application:</u> A current Building Permit Application form is to be completed and submitted for all residential projects.
- Parcel Number: The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
- Environmental Health Permit or Sewer Tap Approval: A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
 (386) 758-1058 (Toilet facilities shall be provided for construction workers)
- 4. <u>City Approval:</u> If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
- 5. Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.
 - A development permit will also be required. Development permit cost is \$50.00
- 6. <u>Driveway Connection:</u> 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. <u>If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.</u>
- 911 Address: If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE — TIME WILL NOT ALLOW THIS —PLEASE DO NOT ASK

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

	Manufacturer	Product Description	Approval Number(s)
. EXTERIOR DOORS			
A SWINGING	Johnson	STCCI EXT	3026 447 4-001
B. SLIDING	75,112		
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	雄 相 持	1 VINY Single Hung	1214.1
B HORIZONTAL SLIDER	Alenco	, , , , , , , , , , , , , , , , , , , ,	
C. CASEMENT			
D. FIXED	Alenco	Vinyl Fixed Window	1262.1
E. MULLION		7	
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
OSB sheatling	Langboard	056	P52-92 PRP-13
4. ROOFING PRODUCTS	1		
A. ASPHALT SHINGLES	Certainteed	Roof shingles	02-0110.03
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
nails	Senco	Roof Nay	10M3378
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	A DESCRIPTION OF THE PERSON OF		
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate products, the following information must be available characteristics which the product was tested and certifications. Further, I understand these products make the products of the product of the product of the product of the products of the product of the pro	to the inspector on the jobsite; 1) copy of the product fied to comply with, 3) copy of the applicable manufa	approval, 2) performance acturers installation
	APPLICANT SIGNATURE	3-22-07 DATE

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T4P8228Z0108132135

Truss Fabricator: Anderson Truss Company

Job Identification: 7-041--Milton Builders ROWAN RES. -- , **

Truss Count: 61

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.24, 7.25.

Structural Engineer of Record: The identity of the structural EOR did not exist as of

Address: the seal date per section 61G15-31.003(5a) of the FAC

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

- 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: CNBRGBLK-BRCLBSUB-A11015EE-GBLLETIN-

Description Drawing#

1	56331H7 A	07039010	02/08/07
2	56332A17	07039011	02/08/07
3	56333H9 A	07039012	02/08/07
4	56334H11 A	07039013	02/08/07
5	56335H13 A	07039014	02/08/07
6	56336A16	07039015	02/08/07
7	56337 A15	07039016	02/08/07
8	56338A14	07039017	02/08/07
9	56339 A13	07039018	02/08/07
10	56340 A12	07039019	02/08/07
11	56341A11	07039020	02/08/07
12	56342A10	07039021	02/08/07
13	56343A9	07039022	02/08/07
14	56344A8	07039023	02/08/07
15	56345A7	07039024	02/08/07
16	56346 A6	07039025	02/08/07
17	56347 A5	07039026	02/08/07
18	56348A4	07039027	02/08/07
19	56349A3	07039028	02/08/07
20	56350 A2	07039029	02/08/07
21	56351A1	07039030	02/08/07
22	56352H7 B	07039031	02/08/07
23	56353H9 B	07039032	02/08/07
24	56354H11 B	07039033	02/08/07
25	56355H13 B	07039034	02/08/07
26	56356H7 C	07039035	02/08/07
27	56357H9 C	07039036	02/08/07
28	56358H11 C	07039037	02/08/07
29	56359C1	07039001	02/08/07
30	56360C2	07039038	02/08/07
31	56361C3	07039039	02/08/07
32	56362C4	07039040	02/08/07
33	56363C5	07039041	02/08/07
34	56364C6	07039042	02/08/07
35	56365C7	07039043	02/08/07
36	56366C8	07039002	02/08/07

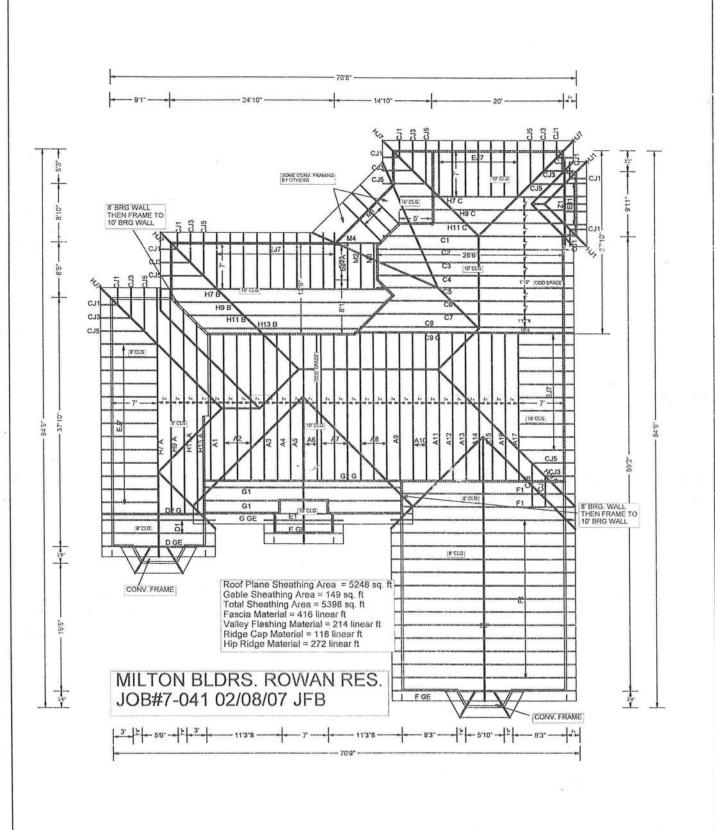


Seal Date: 02/08/2007

-Truss Design Engineer-Arthur R. Fisher Florida License Number: 59687 1950 Marley Drive Haines City, FL 33844

#	Ref Description	Drawing#	Date
37	56367D GE	07039044	02/08/07
38	56368D1	07039003	02/08/07
39	56369E GE	07039045	02/08/07
40	56370E1	07039004	02/08/07
41	56371F1	07039046	02/08/07
42	56372F GE	07039047	02/08/07
43	56373D2 G	07039048	02/08/07
44	56374G GE	07039049	02/08/07
45	56375G1	07039005	02/08/07
46	56376C9 G	07039050	02/08/07
47	56377G2 G	07039051	02/08/07
48	56378EJ7	07039006	02/08/07
49	56379 CJ5	07039061	02/08/07
50	56380HJ7	07039052	02/08/07
51	56381 HJ7A	07039053	02/08/07
52	56382CJ3	07039007	02/08/07
53	56383CJ1	07039054	02/08/07
54	56384HJ1	07039055	02/08/07
55	56385EJ7A	07039008	02/08/07
56	56386EJ1	07039009	02/08/07
57	56387 M4	07039056	02/08/07
58	56388M2	07039057	02/08/07
59	56389M3	07039058	02/08/07
60	56390M1	07039059	02/08/07
61	56391Z1	07039060	02/08/07





JOB DESCRIPTION:: Milton Builders /: ROWAN RES.

JOB NO: 7-041

PAGE NO: 1 OF 1

1 0.000' 1 12" 4' Rigid Surface Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK1103 for additional information. ITW Building Components Group, Inc. Haines City, FL 33844 Bearing blocks: Nail type: 12d_Common_(0.148"x3.25",_min.)_nails BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE 1 0.000' 1 12" 4 Rigid Surface PLT TYP. In lieu of structural panels or rigid ceiling use purlins to brace TC 24" OC, BC @ 24" OC. (A) Continuous lateral bracing equally spaced on member 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. (**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. chord 2x6 SP #2 :T1 2x4 SP #2 Dense: 2x6 SP #1 Dense: chord 2x6 SP #1 Dense :B1 2x6 SP #2: Webs 2x4 SP #3 :W9 2x4 SP #2 Dense: ALPINE 20 Gauge HS 1-6-0 4X8(C8) = 4X4(C8) = R-3243 U-460 W-3.5 **IMPORTANT**FURNISH A CODY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. 18G. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CODE ORDHANCE WITH 1PT: OR FARBELCHIES, NANDLING, SHIPPING, INSTALLING & BRACING OF BRUSSES. ALPHE CONNECTES PLAIRS ARE MADE OF FARBELCHIES, WANDLING, SHIPPING, INSTALLING & PAREAD, AND IPT. ALPHE CONNECTES PLAIRS ARE MADE OF 20/18/16/AG, (N-H/SSY,) ASTM ASSJERADE 40/40 (N-K/M-SS) GALV. STEEL, APPLY PLAIRS TO EACH FACE OF TRUSS AND. BURLES OTHERNIS LOCATED ON THIS DESIGN, POSITION PER DRAHINGS LOCATED.

ANY INSPECTION OF PLAIRS FOLICHED BY COLORED ON THIS DESIGN. POSITION PER DRAHINGS LOCATED. ANY INSPECTION OF PLAIRS FOLICHED OF THE TRUSS COMPONENT ****MARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMMODILED, SHIPPING, INSTALLING AND BRACING.
REFER TO REST (BUILDING COMPONENT SKETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB
MORTH LEE STREET, SUITE 312, ALEXANBRIA, VA. 22314) AND NICA (MOOT TRUSS CONDUCTL) OF AMERICA, COD
GHIERREISE LAME, MADISON, HI 53719) FOR SAFETY PARCITICES PRICRE TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNES PER ASSIJIPL I SEC. Z. A PROPERLY ATTACHED RIGID CEILING. 1.5X4 ₩ -0-0 B1 10X10(R) W 3 X 4 ≡ Design Crit: 6X6≡ 32-8-8 4 X 8 = TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3×4≡ Over 19-6-0 4 X 5 ≡ 2 Supports (e) THE RESPONSIBILITY OF 3×4≡ 5 X 5 TC - From 63 PLF at -1.50 to 63 PLF at 7.00
TC - From 63 PLF at 7.00 to 63 PLF at 26.50
BC - From 5 PLF at 0.00 to 20 PLF at 26.50
BC - From 80 PLF at 26.50 to 80 PLF at 26.50
BC - From 80 PLF at 26.50 to 80 PLF at 26.50
BC - From 80 PLF at 26.50 to 80 PLF at 26.50
BC - From 80 PLF at 26.50 to 80 PLF at 32.71
PLT 190 LB Conc. Load at (7.06,12.40), (9.06,12.40), (13.06,12.40), (15.06,12.40), (17.06,12.40), (27.06,12.38), (21.06,12.40), (25.06,12.40), (27.06,12.38), (21.06,12.38) PLB - 455 LB Conc. Load at (7.00,8.04)
PLB - 82 LB Conc. Load at (9.06,8.04), (11.06,8.04), (13.06,8.04), (25.06,8.04), (27.06,8.04), (Wind Right end vertical not exposed to wind pressure. SPECIAL LOADS Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. HS412 == reactions based on A 1.5X4(**) Ⅲ 8X14≡ Feb 08 TONAL ENGINEERING 6-2-8 6X6(**) =MWFRS pressures. R=3463 U=555 * B 7 X 8 = 4X4 Ⅲ BC LL BC DL TC LL DUR.FAC. SPACING TOT.LD. C FL/-/4/-/-/R/-DL 10.0 24.0" 1.25 40.0 10.0 20.0 0.0 PSF PSF PSF PSF PSF 11.06,12.40) DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 07039010 Scale =.1875"/Ft R8228- 56331 1T4P8228Z01 JB/AF 02/08/07 151014

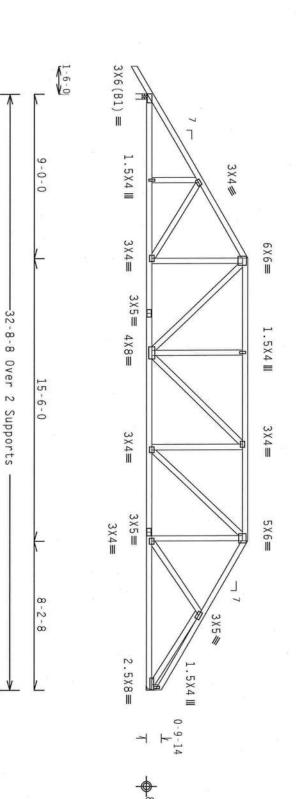
Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

R=1470 U=180 W=3.5"

R=1351 U=180

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, MC. SHALL NOT BE RESPONSIBLE FOR MAY DEVLATION FROM THIS DESIGN; MY FAILURE TO BUILD THE TRUSS IN COMPONENTS HIT APPLICABLE PROVISIONS OF HIS SERVING, SHIPPING, INSTALLING A BRACING OF TRUSSES. ALPINE CONNECTION PARTY AND PLICABLE PROVISIONS OF HIS SERVING, SHIPPING, INSTALLING A BRACING OF TRUSSES, ALPINE CONNECTION PARTY AND PLICABLE PROVISIONS OF HIS SERVING, SHIPPING, SHORM FARE, BY SERVING AND PARTY OF THE SERVING AND HIS SERVING ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE BUSS COMPONENT DESIGN SHOWN.

BESTOR SHOWN.

THE SUITABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE

Haines City, FL 33844

ALPINE



- CORP. CONTRACT	TC DL			BC DL BC LL TOT.LD.
10.0	N. S.	10.0	10.0	10.0
PSF		PSF	PSF	PSF PSF
DATE		DRW	DRW HC-EI	DRW HC-EI
02		HCUSR822	HCUSR822 NG JB/	HCUSR822 NG JB/
/80/		8 0703	8 0703 AF	8 0703 AF 1019
	10.0 PSF	DL 10.0 PSF DATE DL 10.0 PSF DRW HCUSR	DL 10.0 PSF DL 0.0 PSF	DL 10.0 PSF DL 10.0 PSF LL 0.0 PSF LD. 40.0 PSF

24.0"

JREF- 1T4P8228Z01

Wind reactions based on MWFRS pressures

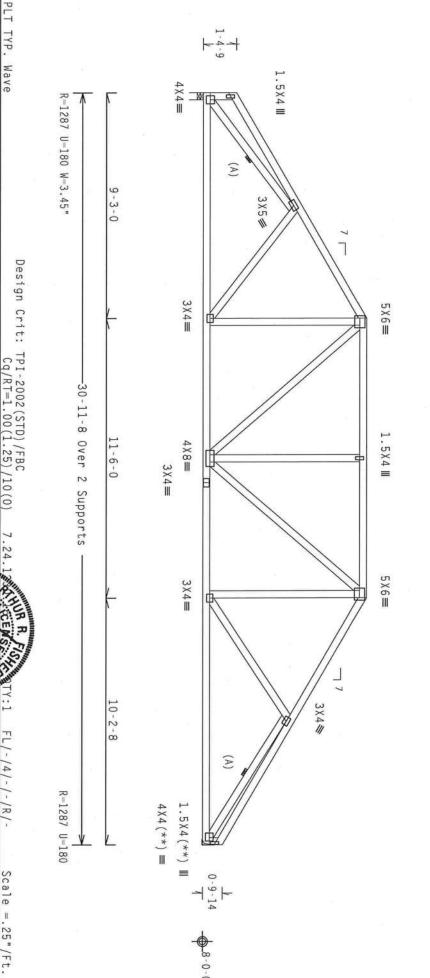
(A) Continuous lateral bracing equally spaced on member

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

 $\binom{**}{2}$ plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



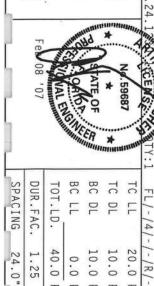
WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRINE, SUITE 312, ALEXANDRIA, VA, 27314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRINES LANE, MADISON, NI 53719) FOR SAFETY PRACTICES BRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE Cq/RT=1.00(1.25)/10(0)

IMPORTANT*UBRNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPONENTS UTTH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AFRA) AND THE APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AFRA) AND THE APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AFRA) AND THE APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BUNNINGS HOLA-PLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BUNNINGS HOLA-PLY ANY INSPECTION OF PACHES FOLLOWED BY (1) SHALL BE PER ANKES, AS OF TPIT-2002 SEC. 3. A SEA, ON THIS DESIGN SHOWN. THE SUITABILITY AND USES OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

FT Conficate of Anthorization 4 667

ALPINE



						54
SPA	DUR	101	ВС	ВС	TC	TC
SPACING	DUR.FAC.	TOT.LD.	F	DL	DL	LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0	10.0 PSF	20.0 PSF
		PSF	PSF	PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-EN	DRW H	DATE	REF
JREF - 1T4P8228Z01	JFB	151023	HC-ENG JB/AF	CUSR8228	02/0	R8228-
28201)23	-2.0	DRW HCUSR8228 07039013	02/08/07	56334

Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure

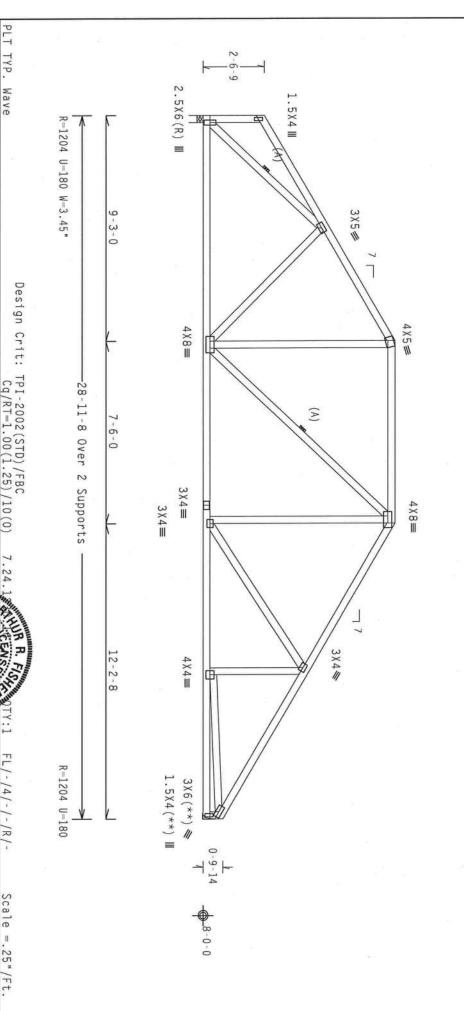
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

 $\binom{**}{2}$ plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$



Haines City, FL 33844

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE SULFABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER ANSI/TP 1 SEC. 2.

OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

SPACING

1.25 24.0"

JREF -

1T4P8228Z01

SEQN-

TOT.LD.

0.0 PSF

HC-ENG JB/AF

151027

DRW HCUSR8228 07039014

GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE ROSS IN CONFERENCE WITH THI; OF FARRICATING, HANDLING, SHIPPING, INSTALLING & BAACING OF THUSSES.

UN CONFERENCE WITH APPLICABLE PROVISIONS OF MOS (MANIDAMA, DESIGN SPEC, BY ARRA) AND THI. CONFERENCE WITH APPLICABLE PROVISIONS OF MOS (MANIDAMA, DESIGN SPEC, BY ARRA), AND THI. CONFERENCE WITH APPLICABLE PROVISIONS OF MOS (MANIDAMA, DESIGN SPEC, BY ARRA), AND THI. APPLICABLE PROVISIONS OF MOS (MANIDAMA, DESIGN SPEC, BY ARRA), AND THI. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-7

ANY INSPECTION OF PLATES THI ADDROVE.

HORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, WI 53219) FOR SAFITY PRACTICES PRION TO BEROMHING THESE FUNCTIONS. UNLESS OTHERWISE HOUSEARD TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING.

ATE OF

BC DL

. 59687

*

TC DL

10.0 PSF 10.0 PSF

REF

02/08/07

TC LL

20.0 PSF

R8228- 56335

RUSSES REQUIRE EXTREME CARE IN FABRICATION, (BUILDING COMPONENT SAFETY INFORMATION),

FABRICATION, HANDLING, SHIPPING, HNSTALLING AND BRACIES NO ORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, ZIB 22314) AND HTCA (MODD TRUSS COUNCIL OF AMERICA, 6300

ALPINE

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

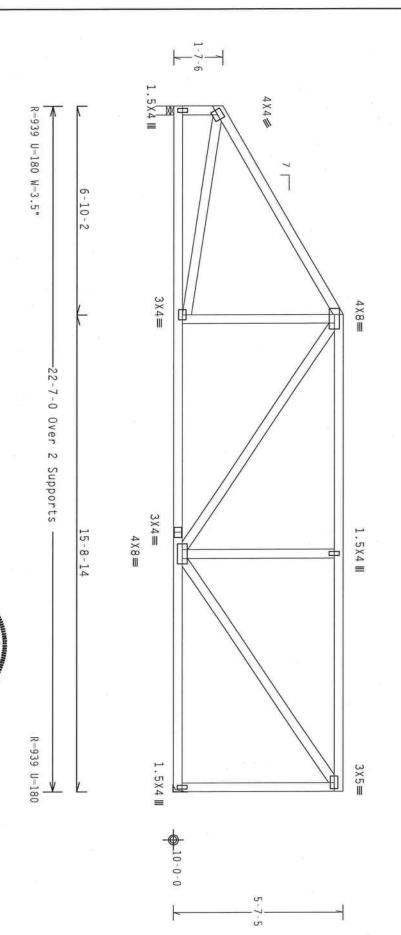
Wind reactions based on MWFRS pressures

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

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

Right end vertical not exposed to wind pressure.

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



MORTH LEE STREET, SUITE 312, ALEXA
ENTERPRISE LANE, MADISON, HI 533
OTHERWISE INDICATED TOP CHORD SHAL
A PROPERLY ATTACHED RIGID CEILING USSES ROUTHE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, (BUILDING COMPORENT SAFETY WERRAKIND), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 28 COURCEL OF AMERICA, 6300 . AMDISON, AU 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS ALED TOP CHORD STALL HAVE PROPERLY ATTACHED STRUCTURAL PARETS AND BOTTOM CHORD SHALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

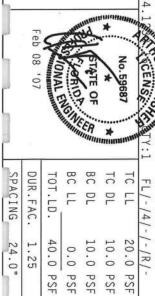
TYP.

Wave

CONNECTOR PLATES ARE HADE OF 70/18916GA (WLHYSS/R) ASTH A653 GRADE 40/60 (W. K/M.555) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS, AND. UNLESS OTHERWISE (COATED ON THIS DESIGNE, POSITION PER DRAHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF TPI1-2002 SEC.3. A SEA. ON THIS DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLECY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2. **IMPORTANT***URBRISH A CORP OF THIS BESIGN TO THE INSTALLATION CONTRACTOR. IT WILLIDING COMPONENTS
GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS
IN COMPONENCE THIS TRY; OF FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.
ON COMPONENCE THIS PROPERTY OF FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.
OF SIGN COMPONES WITH APPLICABLE PROPISIONS OF MOS (MAITONAL DESIGN SPEC, BY ARAPA) AND TRY.
CONNECTOR PLAIRS ANE MODE OF \$20/18/166A (M.1/1957), ASTH MOSS GRADE #0/06/UR, KM, MSS JALV. STEEL, APPLY DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS ()
CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/SS/K) /
PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE

Haines City, FL 33844
F1 Conflicate of Authorization 4 con

ALPINE



PSF PSF

HC-ENG

JB/AF

151057

DRW HCUSR8228 07039015

DATE REF

02/08/07

Scale =.3125"/Ft R8228- 56336

JREF -FROM SEQN-

1T4P8228Z01

Wind reactions based on MWFRS pressures

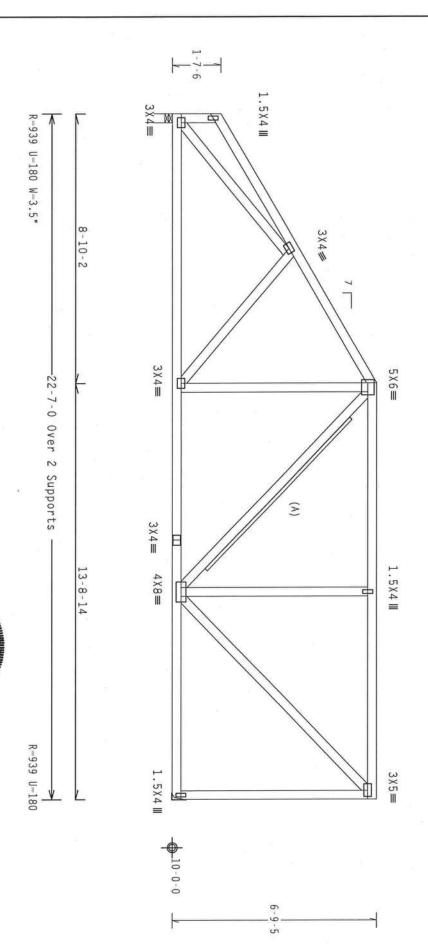
(A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

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

Right end vertical not exposed to wind pressure

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



Haines City, FL 33844

"ficate" rizatic

DRAWING INDICATES

NG DESIGNER PER ANSI

ALPINE

ENTERPRISE LANE, MADISON, WI 53 OTHERWISE INDICATED TOP CHORD SHA A PROPERLY ATTACHED RIGID CEILING

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION. EFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION).

Design Crit:

TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0)

GEN

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

Scale =.3125"/Ft.

R8228- 56337

BC DL BC LL

TC DL TC LL

10.0 20.0

PSF PSF

DATE REF

02/08/07

DRW HCUSR8228 07039016

JB/AF

UNISE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, GOODDENT SAFETY INFORMATION), POUR (SINCE NO THE CONNECT OF AREELICA, 278 BJZ, ALEXANDRIA, VA. 22314) AND MICK, (MODD TRUSS COUNCIL OF ARREICA, 630 BJZ, ALEXANDRIA, VA. 22314) AND MICK, (MODD TRUSS COUNCIL OF ARREICA, 630 BJZ, ALEXANDRIA, VA. 22314) AND MICK, (MODD TRUSS COUNCIL OF ARREICA, 830 BJZ, ALEXANDRIA, VA. 22314) AND MICK, (MODD TRUSS COUNCIL OF ARREICA, COUNCIL OF ARREICA, AND BJZ, ALEXANDRIA, VA. 22314) AND MICK (MODD TRUSS COUNCIL OF ARREICA, AND BJZ, ALEXANDRIA, VA. 22314) AND MICK (MODD TRUSS COUNCIL OF ARREICA, AND BJZ, ALEXANDRIA, AND MICK (MODD TRUSS COUNCIL OF ARREICA, AND BJZ, ALEXANDRIA, AND MICK (MODD TRUSS COUNCIL OF ARREICA, AND MICK (MODD TRUSS COUNCIL OF ARREICA,

GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROVIDED SESSON, ANY FAILURE TO BUILD THE TRISS IN CONFORMANCE WITH TP1: OR FABRICATION, ANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

LECONNECTOR PLATES ARE MADE OF 20/18/166A (W.H/SS/K) ASH A653 GRADE 40/60 (W. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC. 3

(N. K/M.SS) GALV. STEEL. APPLY
(N. POSITION PER BRAWINGS 150A-Z.
DZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
UG IS THE RESPONSIBILITY OF THE

DUR.FAC. SPACING

1.25 24.0"

FROM

JF B

JREF -

1T4P8228Z01

TOT.LD.

40.0

PSF

SEQN-HC-ENG

151061

0.0 10.0 PSF PSF

PLT TYP.

Wave

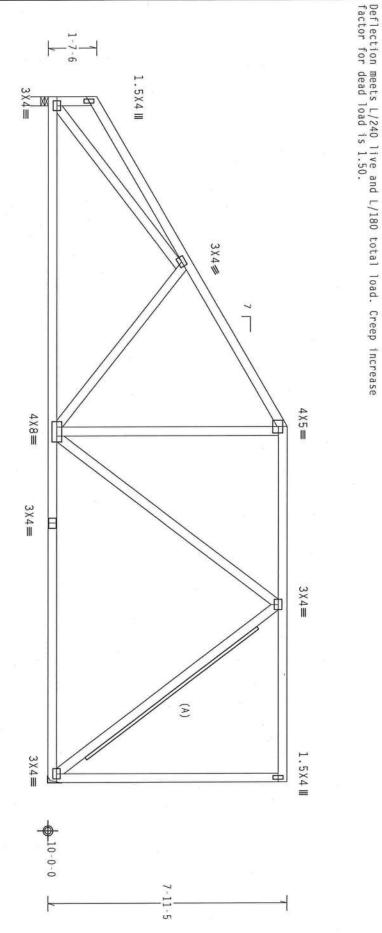
Wind reactions based on MWFRS pressures.

(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

Right end vertical not exposed to wind pressure

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



R=939 U=180 W=3.5" 10-10-2 -22-7-0 Over 2 Supports 11-8-14 R=939 U=180

ITW Building Components Group, Inc.
Haines City, FL 33844
Ft Confifcate of Ambarization # 567 ALPINE

PLT TYP.

Wave

OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. REFER TO BCS1 (BUILDING NORTH LEE STREET, SUITE 3: ENTERPRISE LANE, MADISON.

Design Crit:

TPI-2002 (STD) /FBC

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

PLATES TO EACH FACE OF TRUSS AND. UNLESS
ANY INSPECTION OF PLATES FOLLOWED BY (1))
DEAGNING INDICATES ACCEPTANCE OF PROFESSI
DESIGN SHOWN. THE SUITABILITY AND USE
BUILDING DESIGNER PER ANSI/TPI I SEC. 2. ***IMPORTANT**TRENSIS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS
GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE FRUSS
IN COMPONMANCE WITH TRI: OR FARRICATING, MARDING, SHIPPING, INSTALLING A BRACING OF THUSSES.
DESIGN COMPONENT WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN ESPEC, BY ARRAY) AND TRI.
CONNECTOR PLATER ARE MADE OF ZO/IBJ/GRA (M.1/15/X), ASTH AGS GRADE 40/60 (M. K.M.SS), AUC. STEEL, APPLY I, POSITION PER DRAWINGS 160A-Z
IZ SEC.3. A SEAL ON THIS
SOLELY FOR THE TRUSS COMPONENT
IG IS THE RESPONSIBILITY OF THE

BC DL DUR.FAC. BC LL TC DL TC LL SPACING TOT.LD. FL/-/4/-40.0 20.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 1-/R/-0.0

PSF PSF

DRW HCUSR8228 07039017

02/08/07

JB/AF

151065

JREF -FROM SEQN-HC-ENG

1T4P8228Z01

REF DATE

Scale =.3125"/Ft. R8228- 56338

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

Wind reactions based on MWFRS pressures.

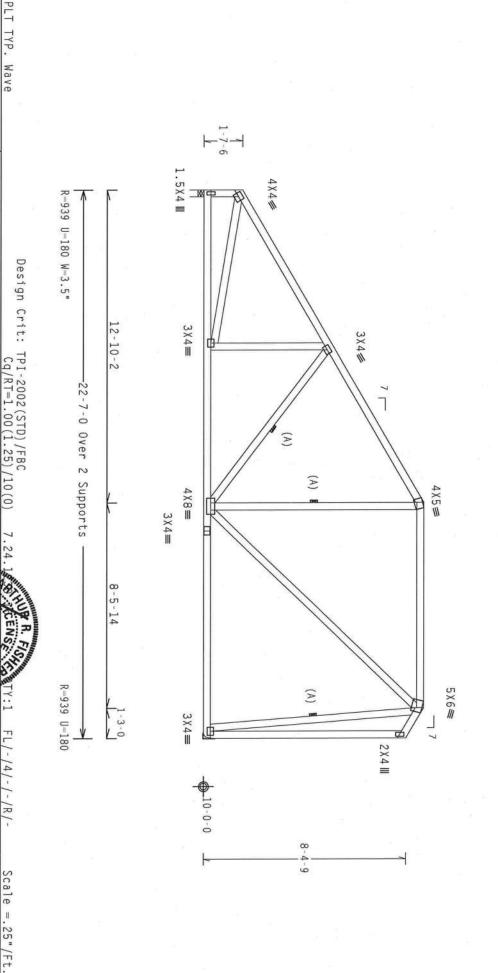
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.36 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



Haines City, FL 33844

DESIGN SHOWN. THE SUTTABILITY AND US BUILDING DESIGNER PER ANSI/TPI I SEC. 2

DRAWING INDICATES

ALPINE

IMPORTANT*UNMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS. IN COMPONENTS HITCH THE RESPONSIBLE FOR THIS PROPERTY OF THE PROSESS.

IN COMPONENT WITH LIFE FOR FARELCTING, HANDLING, SURPPING, HISTALLING A BRACING OF TRUSSES. ADDITIONAL DESIGN SPEC, BY ATERNA, AND TRI. ADPLY DESIGN COMPONENS HITH APPLICABLE PROVISIONS OF NDS. (MATIONAL DESIGN SPEC, BY ATERNA, AND TRI. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE ADD THIS DESIGN, POSITION PER DRAMINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A-2 ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX, A.O F FPI1-2002 SEC. 3. A SEAL ON HITS DESIGN PER PROPROMENT.

32 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IN THE RESPONSIBILITY OF THE

Feb

08'07

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DATE REF

02/08/07

R8228- 56339

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DRW HCUSR8228 07039018

JB/AF

TC LL

BC LL BC DL TC DL

TOT.LD.

40.0

PSF

SEQN-HC-ENG

151069

1.25 24.0"

FROM

JREF -

1T4P8228Z01

A PROPERLY ATTACHED RIGID CEILING

Wind reactions based on MWFRS pressures

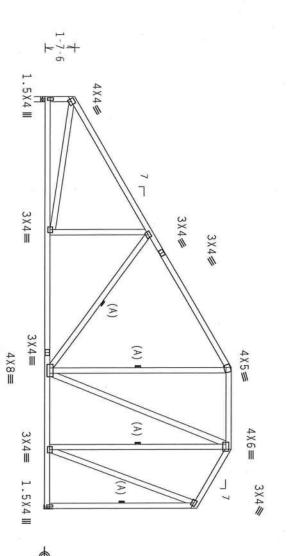
(A) Continuous lateral bracing equally spaced on member.

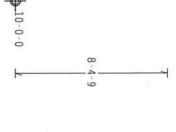
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

110 mph wind, 15.95 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.







Design Crit: TPI - 2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

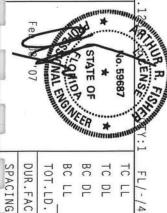
PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 2718 MORTH LEE STREET, SUITE 372, ALEXANDRIA, VA, 22314) AND HTCA (POOD TRUSS COUNCIL OF AMERICA, 6300 ENTERGRISE LANE, HANDISON, HI 53729) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP GHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTQUENTSH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, THE. SHALL HOT BE RESPONSIBLE FOR ANY DETAILOR FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPONENTS HITH THE OF FARRICATING, HANDLING, SHIPPHEN, INSTALLING & BRACING OF TRUSSES. ALPHE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MAITONAL DESIGN ESPEC, BY AERA) AND THIS. ALPHE CONNECTOR PLATES ARE MODE OF 20/18/16/AC (M. 1/4/S/), ASTH AGS GRADE 40/56 (M. K.M.SS) ALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAINGS 160A-7. ANY INSPECTION OF PACKES OF (1) SHALL BE PER ANNEX AS OF THIS 250C SEC. 3. A SEA, ON THIS DRAING FROM THIS DESIGN OF PACKES OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHASS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE SHADE OF THE SAME OF THE SHADE OF THE SAME OF TH DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. UNILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A-Z
18 BY (1) STALL BE PER ANNEX AS OF IPIT-2002 SEC.3.
A SEAL ON THE
PROFESSIONAL ENGLESTING SESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Haines City, FL 33844



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J	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
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FROM JFB		HC-ENG JB/AF	HCUSR8228 0703901	0.	R8228-
	151073	/AF	228 070	02/08/07	
			3901	07	56340

07039019 /07

24.0"

JREF -

1T4P8228Z01

Wind reactions based on MWFRS pressures

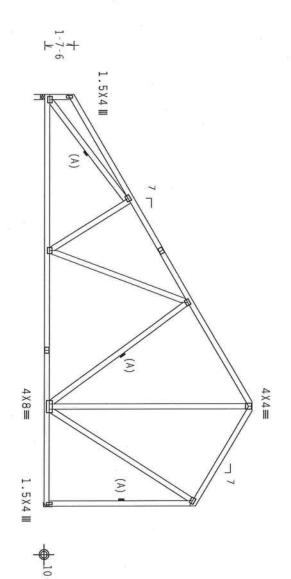
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 16.53 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.





Note: All Plates Are 3X4 Except As Shown. Design Crit:

PLT TYP. Wave

WARNING TRUSSES REDUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO 8CS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (FRUSS PLATE INSTITUTE, 218 MORTH LEE SHEEE, SUITE 137, ALEXANDRIA, NA, 22314) AND NICA (MODED TRUSS COUNCIL OR AMERICA, 6300 ERIESPEN, SUITE 137, ALEXANDRIA, NA, 22314) AND NICA (MODED TRUSS COUNCIL OR AMERICA, 6300 ERIESPEN, SUITE 138, ALEXANDRIA, NA, 22314) AND NICA (MODED TRUSS COUNCIL OR AMERICA, 6300 CHIESPEN, SUITE SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERWISE HOUGHAND SHACKED TOP CORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

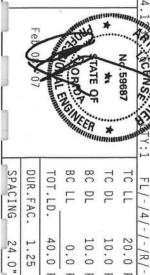
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE THUSS IN COMPORMANCE UTIL THE TOR FABRICATION, MANDLING, SHEPPHG, INSTALLING & BRACING OF THUSES, IN COMPORAS UTIL MEPLICABLE PROVISIONS OF BHOS (MATIONAL DESIGN SPEC, BY ATAPA) AND THE DESIGN COMPORES WITH APPLICABLE PROVISIONS OF BHOS (MATIONAL DESIGN SPEC, BY ATAPA) AND THE CONNECTOR PLAIRS ARE MADE OF FOUNDAM, CALLERY, ASPIN CONNECTOR PLAIRS ARE MADE OF FOUNDAM, CALLERY ASPIN CONNECTOR PLAIRS AND UNLESS OTHERMISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNE. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Haines City, FL 33844

ALPINE

02 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE



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SP,	DUI	T0.	ВС	ВС	TC	TC	
SPACING	DUR.FAC.	TOT.LD.	F 	DL	DL	LL	
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•	1.53834	PSF	PSF	PSF	PSF	PSF	
JREF-	FROM	SEQN-	HC-EN	DRW H	DATE	REF	000
1T4P8228Z01	JFB	151077	HC-ENG JB/AF	CUSR8228	02/1	R8228-	
228Z01		077		DRW HCUSR8228 07039020	02/08/07	56341	

Wind reactions based on MWFRS pressures

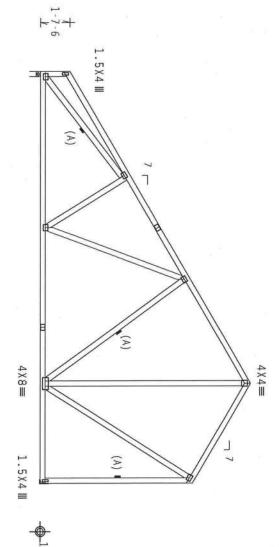
(A) Continuous lateral bracing equally spaced on member.

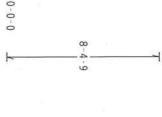
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 16.60 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.







Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

MORTH LEE STREET, SUITE 312, ALEXAL ENTERPRISE LANE, MADISON, HI 537 OTHERHISE HOLGATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CELLING. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANT*UNRNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONCORNANCE WITH THIS OF FABRICATION, BANDLING, SHIEPING, INSTALLING A BRACING OF TRUSSES.

ARTHUR DESIGN CONFORMS WITH APPULCABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATEAP) AND THIS DESIGN CONFORMS WITH APPULCABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATEAP) AND THIS PROMISED CONFORMS WITH APPULCABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATEAP) AND THIS DESIGN SPEC, BY ATEAP AND THE ADDRESS OF THIS DESIGN SPEC, BY ATEAP AND THE ADDRESS OF THE ADDRESS OF THE BY AND THE SPECIAL SPECIA ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG DESIGN SHOWN. THE SUITABILITY AND USE OF THIS OF TPI1-2002 SEC.3. A SEAL ON THIS OWSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE POSITION PER DRAWINGS 160A-Z

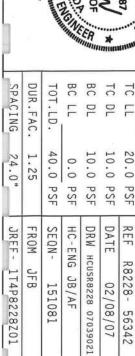
Haines City, FL 33844

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BUILDING DESIGNER PER ANSI

ALPINE





Scale = .1875"/Ft.

Wind reactions based on MWFRS pressures.

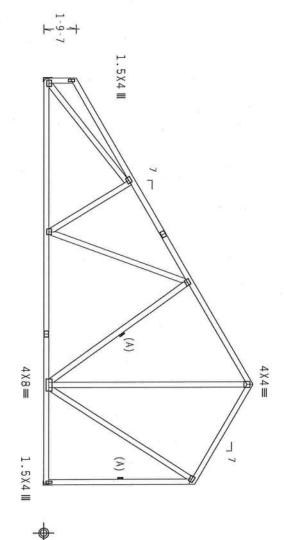
(A) Continuous lateral bracing equally spaced on member

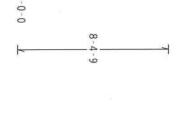
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

110 mph wind, 16.68 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.







Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

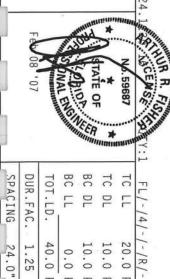
ALPINE

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GROUP. 11
IN CONFORMATION
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MARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, INNOCING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (URLIUNG COMPONENT SAFETY INFORMATION), PUBLISHED W TPI (TRUSS PLATE INSTITUTE 218 HORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICK (WOOD TRUSS COUNCIL OF AMERICA, M. 6500 EMIESPRISE LANG, MADISON, WI 55719) FOR SAFETY PRACTICES PEQIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE, INDICATED OF CURBO SWALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANTGurmish a copy of this design to the installation contractor. The building components group, inc. shall not be responsible for any deviation from this session; any fallure to build the truss in components util the truss of the responsible for any deviation for the session; any fallure to build the truss in conformation that the applicable provisions of hos (national design spec, by arba) and this apply confector plates are mode to follow for any installing a besidn spec, by arba) and the confector plates are mode to follow for any installing and the provisions of hos (national design spec, by arba), and the plates followed by a plate following the special plates of the plates of the special plates of the plates followed by a plate followed by the special plates of the plates followed by the special plates of the plates followed by special plates of the plates followed by the special plates of the plates of the plates followed by the special plates of the plates of the plates followed by the special plates of the plates followed by the special plates of the plates of



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•		PSF	PSF	PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-ENG	DRW HCU	m	REF R
1T4P8228Z01	JFB	151085	JB/AF	HCUSR8228 07039022	02/08/07	R8228- 56343

Scale =.1875"/Ft

Wind reactions based on MWFRS pressures

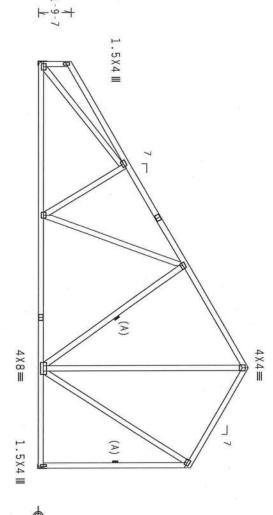
(A) Continuous lateral bracing equally spaced on member.

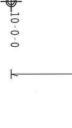
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 16.68 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.





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Note: All Plates Are 3X4 Except As Shown.

PLT TYP.

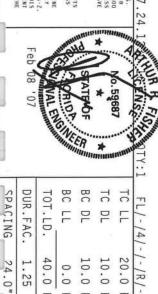
Wave

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 2718 MORTH LEE STREET, SUITE 312 ALEXANDRIA, VA, 22314) AND WICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CORROB SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTPURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; MAY FAILURE TO BUILD THE TRUSS IN COMPONENTS HITH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AERA) AND THIS DESIGN FOR THE APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AERA) AND THE CONNECTOR PLATES ARE MADE OF ZO/BRIGAD (M.M.SSY), ASTH MASS GRADE 40/50 (M.X.M.SSY, DESIGN PROSITION PER BRANKENS HOPLY PLATES TO FACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN POSTITION PER BRANKENS 160A-Z. ANY HESPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER MANKEN AS OF TPIL-ZOOZ SEC.3. THE TRUSS COMPONERH DESIGN PROPORERH DESIGN SHOWN. THE SUITABILITY AND US BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2 2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT INC. IS THE RESPONSIBILITY OF THE

ALPINE



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T4P8	8	151090	JB/A	R8228	02/	228-	.187
228201		090	71	DRW HCUSR8228 0703902	02/08/07	R8228- 56344	Scale = .1875"/Ft.

07039023

Wind reactions based on MWFRS pressures

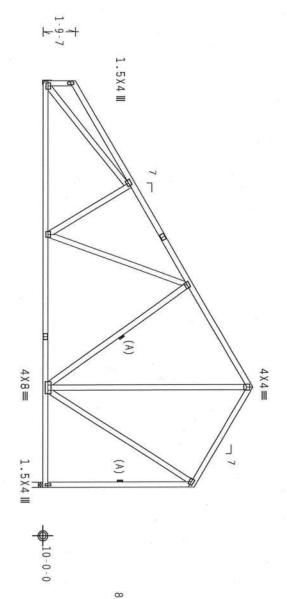
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 16.68 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



4-9



Note: All Plates Are 3X4 Except As Shown. Design Crit:

PLT TYP.

Wave

A PROPERLY ATTACHED RIGID CEILING. Cq/RT=1.00(1.25)/10(0)

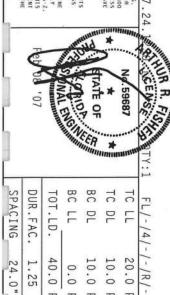
TPI-2002 (STD) /FBC

IMPORTANTGURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONENTS THE PROPERTY OF THE PROPERTY OF THE STREET OF THE S DRAWING INDICATES ACCEPTANCE OF PROFESS D2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE POSITION PER DRAWINGS 160A

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

BUILDING DESIGNER PER

ALPINE



10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 07039024

DATE REF

02/08/07

Scale =.1875"/Ft. R8228- 56345

40.0

SEQN-

151094

0.0 PSF PSF

HC-ENG

JB/AF

24.0" 1.25

JREF -FROM

1T4P8228Z01

Wind reactions based on MWFRS pressures

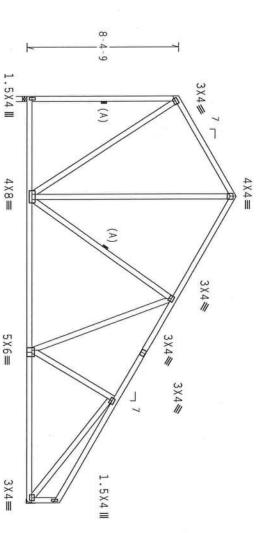
Left end vertical not exposed to wind pressure.

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

110 mph wind, 16.68 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.







Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0)

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INABULING, SHIPPING, INSTALLING AND BRACING, REFER TO RCS1 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 213B MOBIN LEE SIREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WITCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERREPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOUGHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

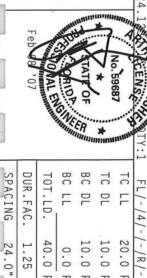
IMPORTANT*URMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS OF FARRICATION, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MALIONAL DESIGN SPEC, BY ATERA) AND THIS. ALPTHE CONNECTION PLATES ARE MADE OF ZOTESTICA (M.H.SEN, ASTH AGS) BRADE 40/50 (M.K.M.SEN, SALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-25

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1:2002 SEC DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLED DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS BUILDING DESIGNER PER ANSI/TPI I SEC. 2. OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Haines City, FL 33844

ALPINE



			***	Minn.	muss	HIMM	TY:1
A CONTRACTOR OF THE PROPERTY O	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
The second second	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	-/-/R/-
	FROM JFB	SEQN- 151098	HC-ENG JB/AF	DRW HCUSR8228 07039025	DATE 02/08/07	REF R8228- 56346	Scale =.1875"/Ft.

24.0"

JREF- 1T4P8228Z01

Wind reactions based on MWFRS pressures

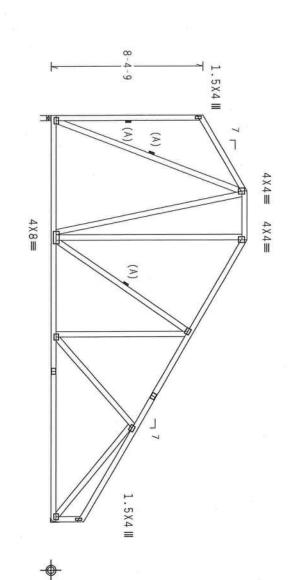
Left end vertical not exposed to wind pressure.

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

110 mph wind, 16.30 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.





-927 U-180 W-3 .22-3-8 Over N Supports 5-5-10 R=927 U=180

Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANT*URBHISH A COPY OF THIS DESIGN FO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE RUSSES IN COMPONENTIES UTILITY OF FARRICATING, HANDLING, SHIPPING, HISTALLING & BRACING OF TRYSSES.

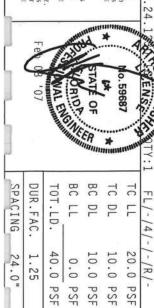
IN COMPONENT UTILITY APPLICABLE PROVISIONS OF NOS (HATIONAL DESIGN SPEC, BY AFRA) AND TPI. APPLY CONNECTOR PLATES ARE HANDE OF TO/13/16GA, ULHISS/KI) ASTH AGES DEADE 40/50 (M. K.VIL-SS) GANDE APPLY PLATES TO EACH FACE OF TRUSSES AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DMANINGS 166A-79 NORTH LEE STREET, SUITE 3 ENTERPRISE LANE, MADISON, OTHERWISE INDICATED TOP C A PROPERLY ATTACHED RIGID CEILING.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER A DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERS

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP BUILDING DESIGNER PER ANSI/TPI I SEC. 2. D2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Haines City, FL 33844

ALPINE



PSF

151103

HC-ENG JB/AF

DRW HCUSR8228 07039026

FROM SEQN-

JREF -

1T4P8228Z01

DATE REF

02/08/07

Scale =.1875"/Ft. R8228- 56347

Wind reactions based on MWFRS pressures

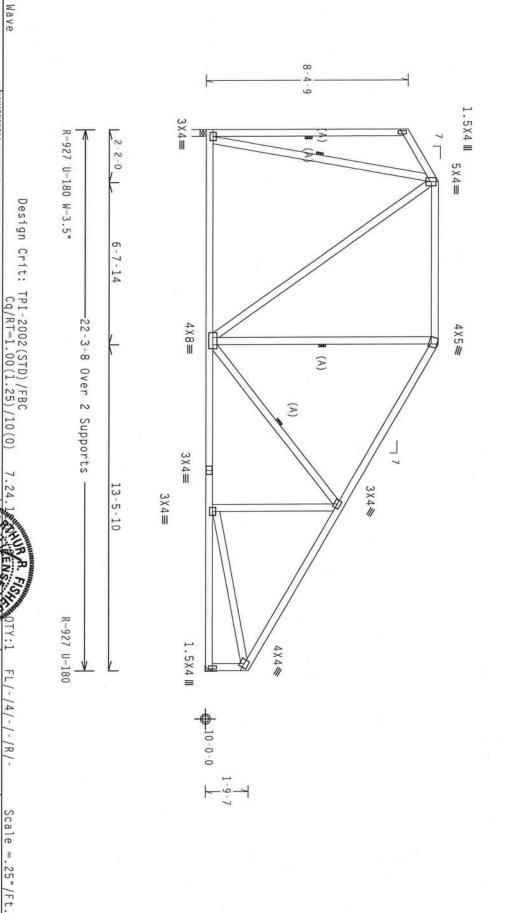
Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.71 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



MORTH LEE STREET, SHITE 312, ALEXANDRIA, MA, 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 OTHER STREET, SHITE 312, ALEXANDRIA, MA, 25709) FOR SAMETY PARCITICES REPLOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SMALL MAKE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAKE A PROPERLY ATTACHED RIGID CEILING. SUISSES REGUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 ET, SUITE 312, ALEXANDRIA, WA, Z22314) AND WTCA (MOOD TRUSS COUNCIL OF AMERICA, 5500 PLT TYP.

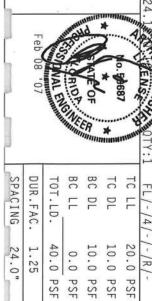
Haines City, FL 33844 **IMPORTANT***URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. IRC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS SESIGN; ANY FATURE TO BUILD THE TRUSS IN COMPONENTS THIS TOTAL OF FARE CATING, LANGUING, SHIPPING, HISTALLING A BRACETING OF RUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF NDS (MATICHAL DESIGN SPEC, BY ACADA) AND TPI.

CONNECTOR PLATES ARE MADE OF 20/18/16GA (4.1/55/K) ASTH A653 GRADS 40/160 (4. K/H.55) GALV. STEEL, APPLY DRAWING INDICATES ACCEPTANCE OF PROJ PLATES TO EACH FACE OF TRUSS POSITION PER DRAWINGS 160A-Z

ALPINE

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE



PSF

PSF

SEQN-HC-ENG

151107

PSF

R8228- 56348

DATE REF

02/08/07

DRW HCUSR8228 07039027

JB/AF

24.0" 1.25 JREF -FROM JFB 1T4P8228Z01

Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure.

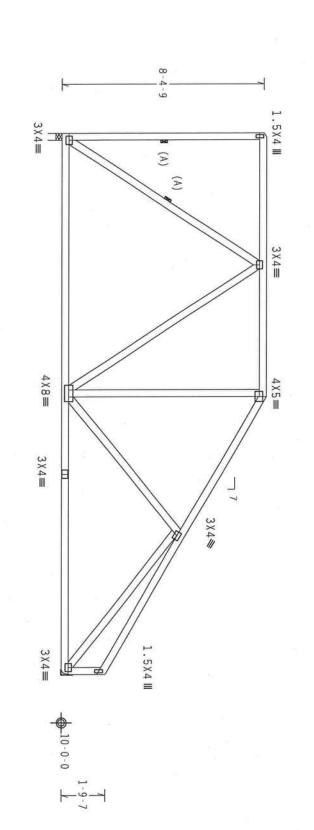
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

110 mph wind, 15.13 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Max JT VERT DEFL: LL: 0.12" DL: 0.19" recommended camber

(A) Continuous lateral bracing equally spaced on member

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



R=916 U=180 W=3.5" 10-9-14 -22-3-8 Over 2 Supports 11-5-10 R-927 U-180

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

WARNING TRUSSES REDUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, ZIB WORTH LEE STREET, SUITE 137. ALEXANDRIA, VA, Z2314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERWISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP. HC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARRICATING, HANDLING, SHIPPING, INSTALLING, ARACING OF TRUSSES, DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ARRAY) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H/SS/K) ASTN A653 GRADE 40/60 (M. K/M-SS) GAV. STEEL, APPLY DRAWING INDICATES ACCEPTANCE OF PROD PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE POSITION PER DRAWINGS 160A-Z

Haines City, FL 33844

DESIGN SHOWN. THE SUITABILITY AND USI BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2

ALPINE

CENS lo. 59687 TATE OF *

TC LL 20.0
20.
20.0 PSF
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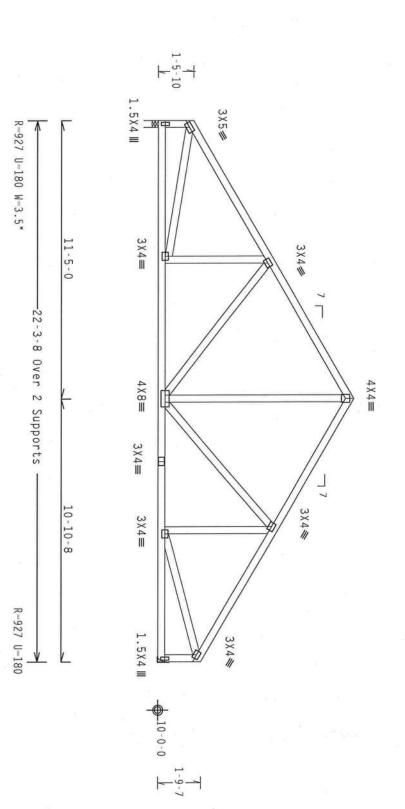
Scale = .25"/Ft.

Wind reactions based on MWFRS pressures.

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

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

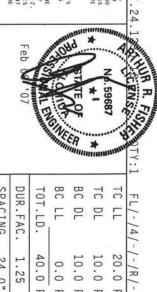
Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BCSI
GUILDING COMPONENT SAFETY PROMINITION), PUBLISHED BY TPI (TRUSS PLATE HISTITUTE, 2218
MORTH LEE STREE, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, MADISON, MI 59719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERNISE HOLGANDE OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

Haines City, FL 33844
FI Conficate of Authorization # 547 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR AWY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN COMPONENCE HITS THIS OR FARETCHIG, UNDUING, SHIPPING, INSTALLING & BRACTING OF TRUSSES, APPLY DESIGN COMPONEN HITH AMPLICABLE PROVISIONS OF HIS GRAITIONAL DESIGN SPEC, BY AGRAPA AND THIS DESIGN COMPONEN HITH AMPLICABLE PROVISIONS OF HIS GRAITIONAL DESIGN SPEC, BY AGRAPA AND THIS COMPLETOR PLATES ARE AND OF TO POINT AGE, ALL HASYN, ASTH AGES GRADE ADJOR OF, KJH.SS) GALV. STEEL, AMPLY PLATES TO EACH FACE OF TRUSS AND JUNESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A-Z.

ALPINE

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER ANSI/TPI I SEC. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLEL 02 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE



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SP,	DUI	10.	ВС	ВС	TC	TC LL
SPACING	DUR.FAC.	TOT.LD.	F	DL	DL	Ε
24.0"	1.25	40.0 PSF	0.0	10.0 PSF	10.0	20.0 PSF
	45(0eX	PSF	PSF	PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-ENG	DRW H	DATE	REF
1T4P8228Z01	JFB	151118	G JB/AF	CUSR8228	02/	R8228-
228Z01		118	-	HCUSR8228 07039029	02/08/07	56350

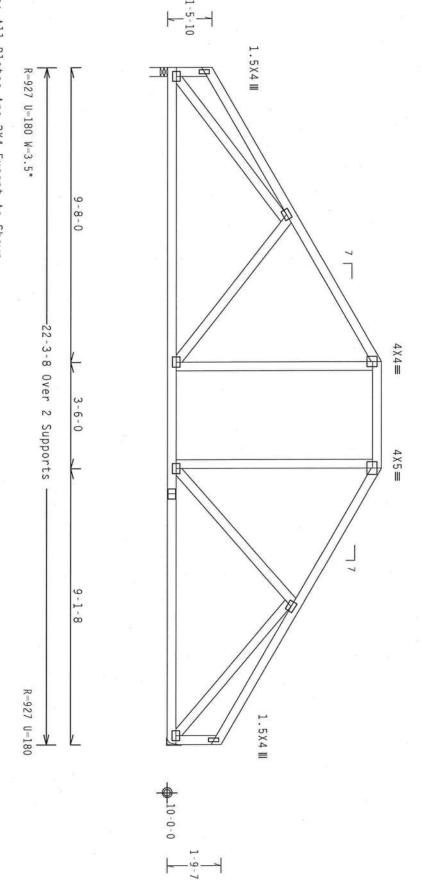
Scale = .25"/Ft.

Wind reactions based on MWFRS pressures.

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

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

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



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.
***HARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 27B WORTH LEE STREET, SUITE 313, ALEXANDRIA, VA, 22134) AND UTCA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERNETS (LANE, MADSON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERISE LANE, MADSON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERISE LANE, MADSON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS.

IMPORTANT*UURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN COMPONENTS WITH PIPE OF FARRICATING, HANDLING, SUPPINE, INSTALLING A BRACING OF RUSSES.

IN COMPONENS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AERAS) AND FIFL APPINE CONNECTOR PLAIRS ARE MODE OF 20/18/166A (M. 14/5K/M.) ASTH MASS GRADE 00/60 (M. X/M.SS) AGAINS STEEL, APPINE PLAIRS TO EACH FACE OF TRUSS AND, UNILES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAINING 160A-7.

ANY INSPECTION OF PLAIRS FALLOWED BY (1) SHALL BE FER ANKEY AS OF TPIT-2002 SEC. 3. A SEA, ON THIS DRAINING SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Haines City, FL 33844

ALPINE

ista.	Thuman .				The second second		
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL		
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF	
JREF- 1T4P8228Z01	FROM JFB	SEQN- 151122	HC-ENG JB/AF	DRW HCUSR8228 07039030	DATE 02/08/07	REF R8228 - 56351	

Scale =.3125"/Ft.

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Carifficate of Amhorization # 667 Bearing blocks: Nail type: 12d_Common_(0.148"x3.25", _min.)_nails BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE 1 0.000' 1 12" 4 Rigid Surface Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK1103 for additional information. Bot In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. (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" 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Wind reactions based on MWFRS pressures. chord 2x6 SP #1 Dense :T1 2x4 SP #2 Dense: chord 2x6 SP #2 :B2 2x6 SP #1 Dense: Webs 2x4 SP #3 :W9 2x4 SP #2 Dense: TYP. 20 Gauge HS, Wave 1-6-0 4X8(C8) ≡ 4X4(C8) = =3282 U=466 W=3.5 *****MANNING** TRUSES BEQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACHE, BETTALL TO RESS. QUILLUNG COMPONENT SALET HISTOTIES, AND ROTO AND THE STREET, SHITE 172. ALEXANDRIA, VA. 22010 AND BITCA (4000 TRUSS COUNCIL OF AMERICA, 6300 CHAILE SHILE 172. ALEXANDRIA, VA. 22010 AND BITCA (4000 TRUSS COUNCIL OF AMERICA, 6300 CHAILE SHILE 172. ALEXANDRIA, VA. 22010 AND BITCA (4000 TRUSS COUNCIL OF THE CONTROL OF THE STREET SHILE SHILD TO EXERCIBATE AND BOTTOM CHAIRD SMALL MANE FOR THE STREET SHILD THE STREET AND BOTTOM CHAIRD SMALL MANE FOR THE STREET SHILD THE SHILD THE STREET SHILD THE SHILD THE STREET SHILD THE STREET SHILD THE STREET SHILD THE SHILD THE STREET SHILD THE SHILD THE SHILD THE STREET SHILD THE SHIL **IMPORTANT***QURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPONENTS HITH PIE OF FARRICATION, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPONENS WITH APPLICABLE PROVISIONS OF ROS (MAITONAL DESIGN SPEC, BY AFRON) AND TPI. APPLICABLE PROVISIONS OF ROS (MAITONAL DESIGN SPEC, BY AFRON) AND TPI. APPLY PRACTES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE, LOCATED ON THIS DESIGN POSITION PER DRAWINGS 160A-Z ANY INSPECTION OF PARIES FOLLOWED BY (1) SHALL BE FER ANNEX AND FPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONERY BUILDING DESIGNER PER OTHERWISE INDICATED TOP CHORD SHALL A PROPERLY ATTACHED RIGID CEILING. 1.5X4 ₩ 10X10(R) W 3 X 4 ≡ Design Crit: 6X6≡ 32-10-15 Over 4×8≡ TPI-2002 (STD) /FBC 3 X 4 ≡ Cq/RT=1.00(1.25)/10(0) 4 X 5 ≡ 82 2 2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT INC IS THE RESPONSIBILITY OF THE Supports 25-10-15 1.5X4 III 5X12= TC - BC - 19.06, Right Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. TC -17.06, SPECIAL LOADS HS412 ≡ From From From end 190 LB Conc. L 197 CB Conc. L 197 LB Conc. L 169 LB Conc. L 155 LB Conc. L 455 LB Conc. L (LUMBER vertical not exposed to wind pressure. MINUR R. 63 PLF 63 PLF 20 PLF 6X6≡ 6X10= Conc. L Conc. Conc. DUR.FAC.=1.25 Conc. BRENSE 08 '07 Jos 59687 F at 0.00 to
Load at 7.06,
23.06, 24.77
Load at 26.77
Load at 28.77
Load at 30.77
Load at 7.00
Load at 9.06, 7.00 R=3502 U=556 26.77 28.77 30.77 * to to 5X10= 4X4 III FE DUR.FAC.=1.25)
63 PLF at 7.00
63 PLF at 32.91
5 PLF at 0.00
20 PLF at 32.91
9.06, 11.06, 13 BC LL BC DL 11.06. TC DL TC LL DUR.FAC. TOT.LD. 3 FL/-/4/-/-/R/-F at 7.00 F at 32.91 F at 0.00 F at 32.91 , 11.06, 13.06, 13.06, 40.0 10.0 1.25 10.0 PSF 20.0 PSF 0.0 15.06. PSF PSF PSF 15.06 SEQN-DATE REF FROM HC-ENG DRW HCUSR8228 07039031 Scale =.1875"/Ft R8228- 56352 JB/AF 02/08/07 151211

SPACING

24.0"

JREF -

1T4P8228Z01

Wind reactions based on MWFRS pressures

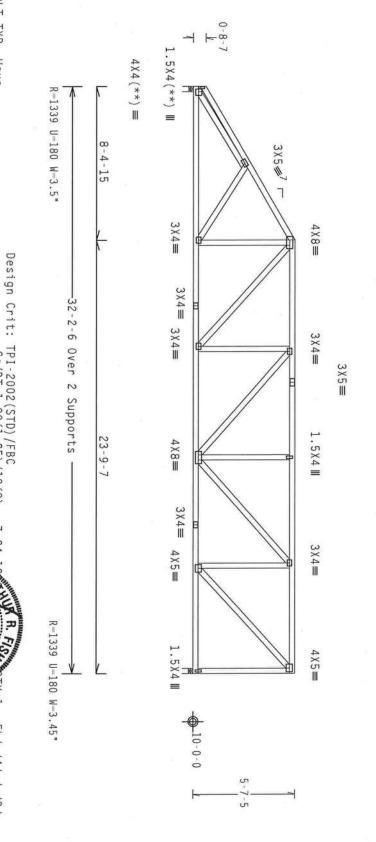
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

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

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

Right end vertical not exposed to wind pressure.



WARNING TRUSSES BEQUIRE EXTREME CARE IN FARRICATION, IMABULING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2218 10871 LEE STREE, SUITE 1372, ALEXANDEIA, VA, 22314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPREST LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLDSACHED TOP CORDES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

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

PLT TYP.

Wave

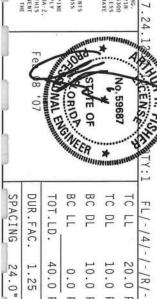
IMPORTANT*UBBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION ROW THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONTRONACE HITH TELE OF FARRICATING, LANDLING, SHEPTING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTRONS WITH APPLICABLE PROVISSIONS OF HOS (MAITONAL DESIGN SPEC, BY AERA) AND TEL. ALPHE CONNECTOR PLATES ARE MORE OF ZO/HEJ FORM ALL HISSY, ASTH MASS GRADE 40/50 (M. X.H.).53, GALV. STEEL, APPLY PLATES TO FACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER REMAINS 160A.2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-ZOOZ SEC.3. A SEAL ON THIS DRAINING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE TRUSS COMPONERY. DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Haines City, FL 33844
FL Carrificate of Authorization # 567

ALPINE



SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T4P8228Z01	FROM JFB	SEQN- 151217	HC-ENG JB/AF	DRW HCUSR8228 07039032	DATE 02/08/07	REF R8228- 56353

Scale =.1875"/Ft.

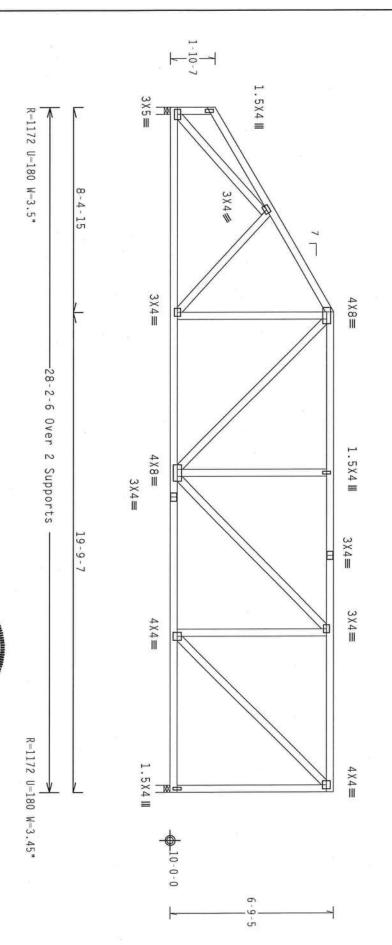
Wind reactions based on MWFRS pressures.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)7.

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, INANOLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 27)B WORTH LEE STREET, SUITE 312, ALEXAMBIAL, VA, 22314) AND WITCA (4000 TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, MI \$5279) FOR SAFETY PRACTICES PRIOR TO PERFORMENT HESE FUNCTIONS. UNLESS OTHERSISE LAME, MADISON, MI \$5279) FOR SAFETY PRACTICES PRIOR TO PERFORMENT AND BOTTON CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE

CENSE

PLT TYP. Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS. IN COMPONENT HIT HET LORS FERRELY THE MEAN FRANCH OF FRUSES, ALL PLANCE OF THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS SKAINION OF FRUSES, ALIPINE CONNECTOR PLAITS ARE MADE OF 20/18/16/06, OH, MS/SY, ASTH AGS GRADE 40/50 (M. K.M.SS) GAV. STEEL. APPLY PLAITS TO EACH FACE OF TRUSS AND. HINESS OTHERMISE LOCATED ON THIS DESIGN, POSITION PER BRANTHS SEGAL ANY HIS DESIGN SHOWN. THE SUITABLITY AND USE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUSICALS SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR NAW BUILDING IS THE RESPONSIBILITY OF THE BUSICALS. ALL PRESPONSIBILITY AND USE OF THIS COMPONENT FOR NAW BUILDING IS THE RESPONSIBILITY OF THE BUSICALS.

Haines City, FL 33844

ALPINE

T. STEEL. APPLY
DRAWINGS 160A-Z.
A SEAL ON THIS
THUSE COMPONENT
ISTBILLTRY OF THE

SPACING

24.0"

JREF -

1T4P8228Z01

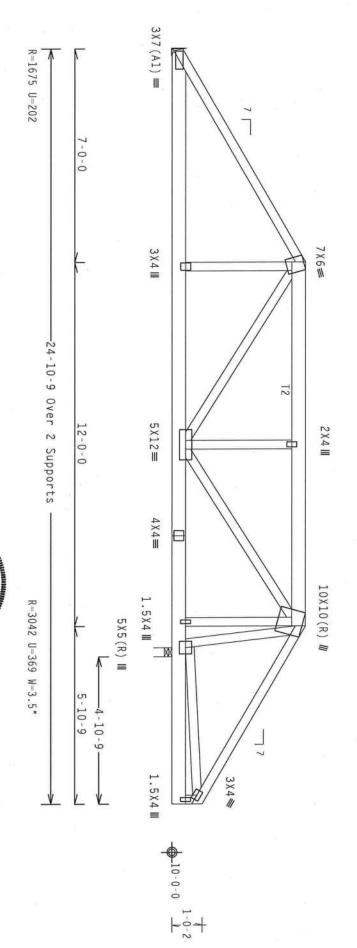
			37			:
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	/ . / / / / / / / / / /
1.25	40.0 PSF	0.0	10.0 PSF	10.0 PSF	20.0 PSF	11111
	PSF	0.0 PSF	PSF	PSF	PSF	
FROM	SEQN-	HC-EN	DRW HO	DATE	REF	000
JFB	151222	HC-ENG JB/AF	:USR8228	02/0	R8228-	000-00
	222		HCUSR8228 07039033	02/08/07	56354	/

Bot Wind reactions based on MWFRS pressures 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. chord 2x4 SP #2 Dense :T2 2x6 SP #2: chord 2x6 SP #2 Webs 2x4 SP #3 SPECIAL LOADS From 20 PLF at 0.00 1 190 LB Conc. Load at 455 LB Conc. Load at 82 LB Conc. Load at From 6 63 PLF at 0.00 t 63 PLF at 7.00 t 63 PLF at 19.00 t 20 PLF at 0.00 t DUR.FAC.=1.25 to to to 7.06. PLATE TE DUR.FAC.=1.25)
63 PLF at 7.00
63 PLF at 19.00
63 PLF at 24.88
20 PLF at 24.88
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20 PLF at 24.88

7.00. 9.06. 19.00 13.00, 14.94, 16.94

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMADILING, SHIPPING, HEVALLING AND BRACING, REFER TO BCSI (QUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 27213) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LARE, MADISON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUSCHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Cq/RT=1.00(1.25)/10(0)

Design Crit:

TPI-2002 (STD) /FBC

PLT TYP.

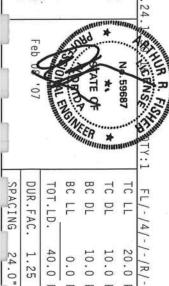
Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE HITH PT: OR FABRICATHOR, HANDLING, SHEPPING, INSTALLING & BRACHEN OF FRUSES, ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BNDS (MATIONAL DESIGN SPEC, BY AFRA) AND TP:
CONNECTOR PLAIRS ARE MADE OF ZO/183/16AG, (H-M/SSY), ASTH AGES GRADE 40/50 (H. K/H.SS) GAVE STEEL, APPLY PLAIRS TO EACH FACE OF TRUSS AND, INLESS OTHERNISE, LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180AY - 2, AND THE CONNECTOR PLAIRS ARE CONTROLLED ON THIS DESIGN, POSITION PER DRAWINGS 180AY - 2, AND THE CONNECTOR PLAIRS ARE CONTROLLED ON THIS DESIGN, POSITION PER DRAWINGS 180AY - 2, AND THE CONNECTOR PLAIRS AND THE STANDARD OF PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 DRAWING INDICATES

BUILDING DESIGNER PER C.3. A SEAL ON THIS
LY FOR THE TRUSS COMPONENT
THE RESPONSIBILITY OF THE

Haines City, FL 33844

ALPINE



10.0 PSF

DRW HCUSR8228 07039035

0.0

HC-ENG

JB/AF

151141

PSF PSF

JREF -FROM SEQN-

1T4P8228Z01

20.0 PSF

Scale = .3125"/Ft.

R8228- 56356

PSF

DATE REF

02/08/07

SPACING

24.0"

JREF -

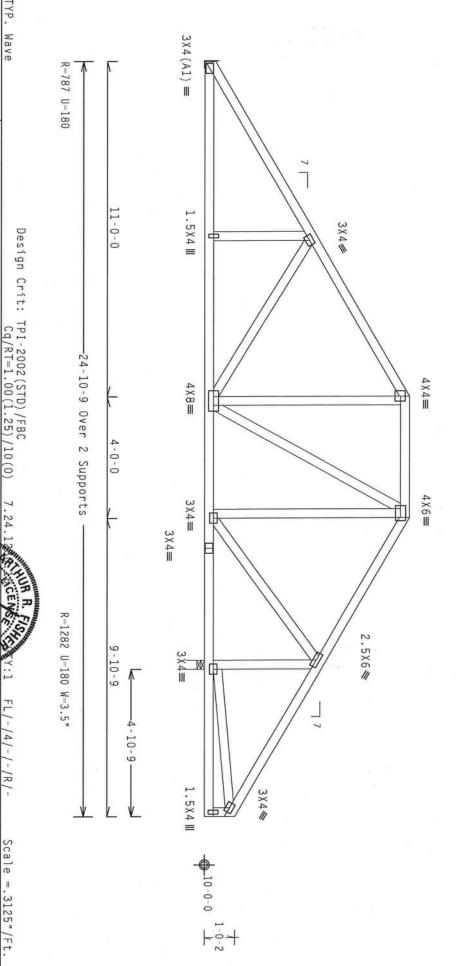
1T4P8228Z01

Wind reactions based on MWFRS pressures

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

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



MARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDINING, SHIPPING, HSTAILING AND BRACING.
RETER TO BOSJ (BUILDING COMPONENS SAFETY INFORMATION), TO BLISHED BY FPI (TRUSS PLATE INSTITUTE, 218
HORTH LEE STREEF, SUITE 312, ALEXANDETA, VA, 22314) AND WICA (000D TRUSS COUNCIL OF AMERICA, 6300
ENTERPENS LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE TROICEMENTS TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED ROY CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

PLT TYP.

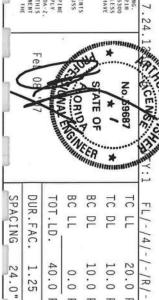
Wave

IMPORTANTTURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES. IN CONTEMBACE WITH TPI OR FARRICATION, LANDLING, SHIPPING, INSTALLING A REACING OF TRUSSES. DESIGN CONTEMBACE WITH PIPE OF FARRICATION, LANDLING, SHIPPING, INSTALLING A REACING OF TRUSSES. APPINE CONNECTOR PLATES ARE MADE OF 20/18/160A (M.M/SS/M), ASTM A653 GRADE 40/50 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FOR DOMAING SIGNAL ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI-2002 SEC.3. A SEAL ON THIS DEALING AS CHEFFING THE TRUSS COMPONENT DRAWING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGLIEETING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

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

ALPINE



SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	וכ רר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T4P8228Z01	FROM JFB	SEQN- 151150	HC-ENG JB/AF	DRW HCUSR8228 07039037	DATE 02/08/07	REF R8228- 56358

Scale =.3125"/Ft.

Top Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 110 mph wind, 15.00 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. ASCE 7-02, CLOSED edge, CAT II, EXP B, wind TC

3X4(A1) = R=1077 U=180 W=3.5" 1.5X4 3-0-0 3 X 4 ≡ -26-0-0 Over 2 Supports 4×4= 3 X 4 ≡ 3×4≡ 3×4// 1.5X4 W 3-0-0 R-1186 U-180 W-3.5" $2.5 \times 6 (B1) =$ 1-6-0

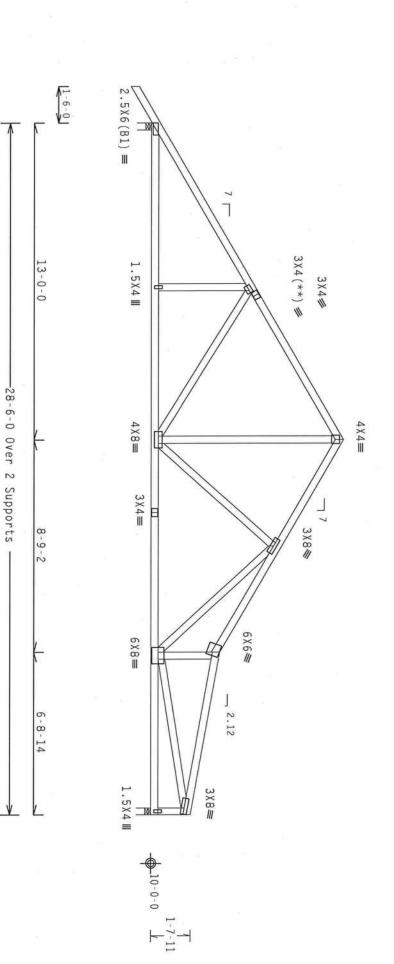
ITW Building Components Group, Inc. Haines City, FL 33844 TYP. ALPINE Wave **IMPORTANT***UNRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. THE STALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE RUSSS IN CONTORNANCE WITH DTIS OR FARRICATION, AND THIS AND THE RUSSES, IN CONTORNANCE WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ARRAY) AND TPI. ALPINE CONNECTION PLATES, ARE MOSE OF ZO/183/16A, UL-MISSY, ASTH MASS DEADE 40/60 (W. X/MISSS) GAALS FOR PARRAY AND TRIS. ALPHY PLATES TO EACH FACE OF TRUSS AND. UNITESS DIMERALS OF MOST TOWN APPLY PLATES TO EACH FACE OF TRUSS AND. WHEES DIMERALS CONTENTS OF THE DESIGN APPLY PLATES TO EACH FACE OF TRUSS AND. WHEES DIMERALS CONTENTS OF THE DESIGN APPLY PLATES. DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ENTERPRISE LAME, MADISON, HI 537 OTHERHISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. REFER TO BCS1 (BUIL ANY INSPECTION OF PLATES FOLIOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY ANY INSPECTION OF PLATES FOLLOWED BY NORTH LEE STREET. RUSSES REQUIRE EXTREME CARE IN FABRICATION.

(BUILDING COMPONENT SAFETY INFORMATION). OUTRE EXTREME CAME IN FARRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. NG COMPONENT SAFETY HUTOMANION). POUR LISTED BY THE (TRUSS PLANE INSTITUTE, ZIR 312, ALEXANDRIA, WA. 22314) AND WICK, (MODD TRUSS COUNCIL OF AMERICA, 4800 XIV. ALEXANDRIA, WA. 22314) AND WICK, (MODD TRUSS COUNCIL OF AMERICA, UNLESS CHORD STALL INVESTIGATION OF A TAKEND STATEMENT OF THE STATEMENT OF T Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) BY AFAPA) AND TPI. ALPINE
(W. K/H.SS) GALV. STEEL APPLY
N. POSITION PER DRAWINGS 160A-Z 22 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT WG IS THE RESPONSIBILITY OF THE Feb 08 * BC LL BC DL TC LL SPACING DUR.FAC. TC DL TOT.LD. FL/-/4/-/-/R/-24.0" 1.25 40.0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF DATE REF JREF -FROM SEQN-HC-ENG JB/AF DRW HCUSR8228 07039001 Scale = .25"/Ft. R8228- 56359 1T4P8228Z01 151158 02/08/07

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

Top Wind reactions based on MWFRS pressures. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. (**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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



OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. Cq/RT=1.00(1.25)/10(0)

Design Crit:

TPI-2002 (STD) /FBC

R=1159 U=180 W=3.5"

PLT TYP.

Wave

R-1294 U-180 W-3.5'

IMPORTANTGURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP, IRC. SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPONENTS UTTH THIS OF FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

IN COMPONENT WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN ESCE, BY AFRA) AND TPI. ALPHE CONNECTOR PLATES ARE MODE TO FOREIGN (M. 1953Y), ASTH MGS GRADE GRODE OF THE APPLICABLE PROVISIONS OF HOS CHAITONAL DESIGN ESCE, BY AFRA) AND TPI. ALPHE CONNECTOR PLATES ARE MODE TO FOREIGN (M. 1953Y), ASTH MGS GRADE GRODE OF THE PROVISIONS OF HOS CHAITONAL DESIGN ESCEN, POSITION PER BRANDINGS 160A-Y. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER BRANDINGS 160A-Y. ANY INSPECTION OF PLATES FOLLOWED BY DRAWING INDICATES ACCEPTANCE OF PROF DESIGN SHOWN. THE SUITABILITY AND

DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Haines City, FL 33844

Fit Conficate of Australia

BUILDING DESIGNER PER ANSI

ALPINE

ENS 0.59687 BC LL BC DL SPACING TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 07039038

DATE REF

02/08/07

Scale = .25"/Ft. R8228- 56360

0.0 PSF

HC-ENG

JB/AF

40.0 24.0" 1.25 PSF JREF -FROM SEQN-JF8 1T4P8228Z01 151163

Wind reactions based on MWFRS pressures

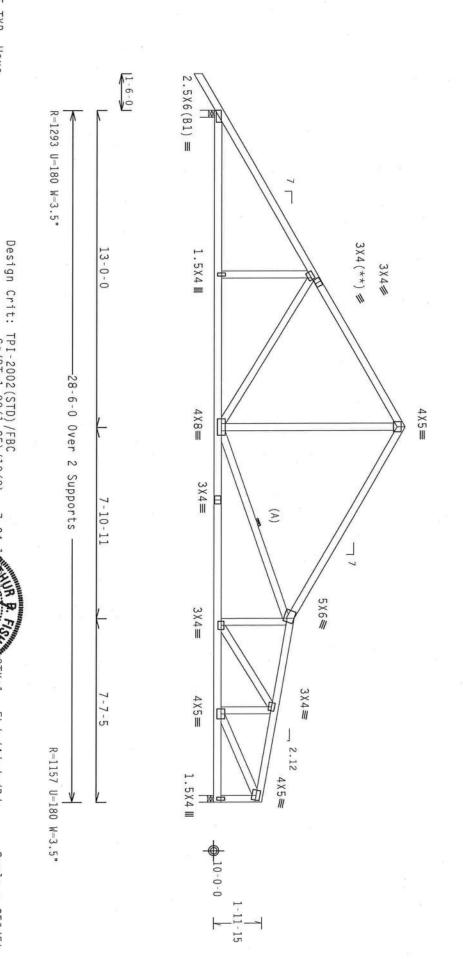
(A) Continuous lateral bracing equally spaced on member.

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

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

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



NORTH LEE STREET, SUITE 312, ALEXANDRIA, WA, 22314) AND WICK (MODO TRUSS COUNCIL OF AMERICA, 6300 OTHERWISE LAW, ANDISON, UT 53719) FOR SMETTY PARCITICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. REQUIRE EXTREME CARE IN FABRICATION.

DING COMPONENT SAFETY INFORMATION). Cq/RT=1.00(1.25)/10(0) , HANDLING, SHIPPING, INSTALLING AND BRACING.
PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218
HTCA (HOOD TRUSS COUNCIL OF AMERICA, 6300

PLT TYP.

Wave

GROUP, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMACE WITH TPI; OR FARRICATING, HANDLING, SHEPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMACE WITH TPI; OR FARRICATING, HANDLING, SHEPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ATRAY) AND TPI. ALPHE CONNECTOR PLATES ARE MADE OF 20/18/1604 (M.14/SKY), ASTH MASS GRADE GO/50 (M. X/M.SS) GARV. STEEL, APPLY PLATES TO LACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN MOCETIAN ARE MADE OF THE STEEL APPLY NEW AND TRUSSES.

DESIGN SHOWN. THE SUITABILI

Haines City, FL 33844

ALPINE

BUILDING DESIGNER PER ANSI DZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT OF THE RESPONSIBILITY OF THE

. 5968 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. 40.0 10.0 PSF 20.0 10.0 PSF 0.0 PSF

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

Scale = .25"/Ft. R8228- 56361

PSF

DATE REF

02/08/07

24.0" 1.25 FROM JREF -1T4P8228Z01

PSF

SEQN-

151167

HC-ENG JB/AF

DRW HCUSR8228 07039039

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member.

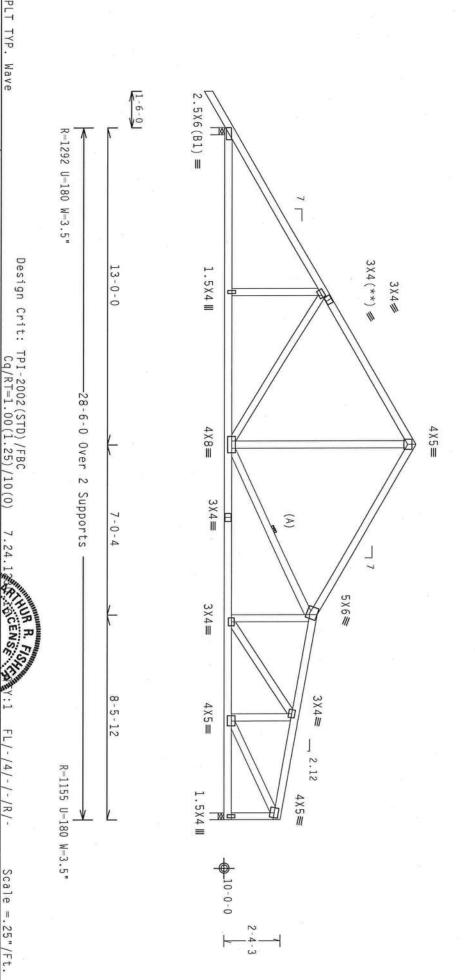
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

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



Haines City, FL 33844

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DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING R DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER FER ANSI/FPI I SEC. 2.

OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

SPACING

24.0" 1.25

JREF -FROM SEQN-HC-ENG

1T4P8228Z01

DUR.FAC. TOT.LD.

40.0

0.0

PSF PSF

ANY INSPECTION OF PLATES FOLLOWED BY

ALPINE

IMPORTANT*UURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. HEC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALLURE TO BUILD THE TRUSS IN CONFORMACE WITH TPI; OF FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN COMPONENS WITH APPLICABLE PROVISIONS OF NOS (MAITOMAL DESIGN SPEC, BY AFRA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A-VP PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A-VP PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A-VP.

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

7.24.

*

*

TC DL TC LL

DATE REF

02/08/07

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

Scale =.25"/Ft. R8228- 56362

No. 59687

STATE OF

BC DL BC LL

> 10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 07039040

JB/AF

151172

PLT TYP.

Wave

Wind reactions based on MWFRS pressures

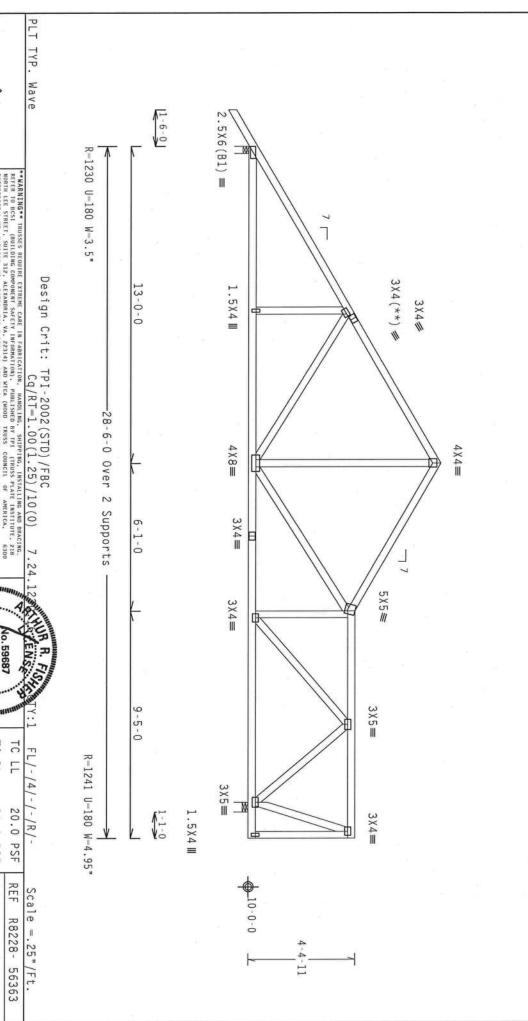
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

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

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

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

Right end vertical not exposed to wind pressure.



Haines City, FL 33844

DRAWING INDICATES ACCEPTANCE

ALPINE

AM TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS
DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS
DEING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

SEC.3. A SEAL ON THIS DLELY FOR THE TRUSS COMPONENT IS THE RESPONSIBILITY OF THE POSITION PER DRAWINGS 160A.

SPACING DUR.FAC.

24.0" 1.25

JREF -FROM SEQN-HC-ENG

1T4P8228Z01

TOT.LD.

40.0

PSF

0.0

PSF

NORTH LEE STREET, SUITE 312. ALEXY
ENTERPRISE LANE, MADISON, WI 533
OTHERMISE HADICATED TOP CHORD SHAI
A PROPERLY ATTACHED RIGID CEILING.

SUITE 312, ALEXANDRÍA, MA. 22314) AND MTGA (MODO TRUSS COUNCIL OF AMERICA, 6300 MADISON, MI 6379) FOR SACRETY PRACTICES PRIOR O DEFROMENTA DIMES TUNCTIONS. UNILESS ED TOP CHORD SHALL HAVE PROFERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

0.5968

BC DL BC LL

10.0 PSF

DRW HCUSR8228 07039041

JB/AF

151177

TC DL

10.0

PSF

DATE REF

02/08/07

20.0

R8228- 56363

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

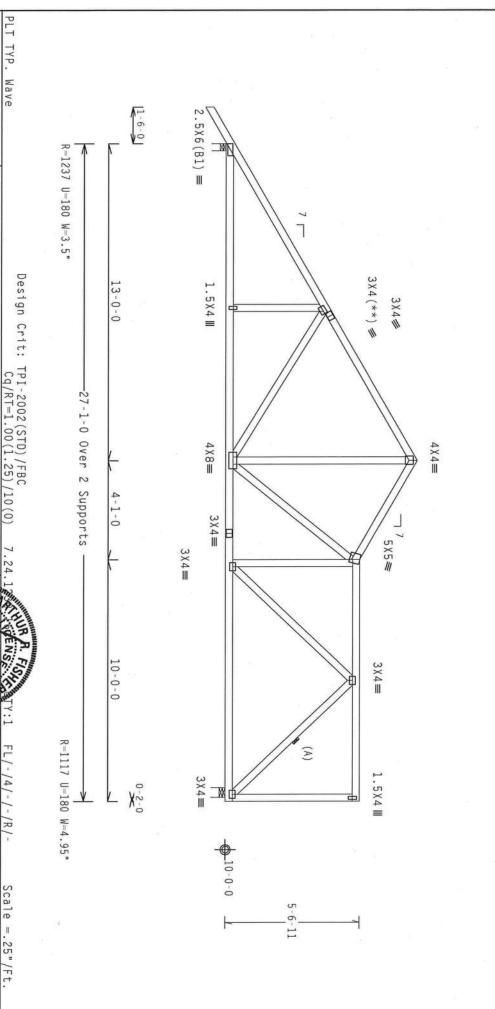
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$



Haines City, FL 33844
Hificate nizatic

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING

22 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

ANY INSPECTION OF PLATES FOLLOWED BY

ALPINE

GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN CONTORNANCE WITH 191; ON FARRICATION, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF NOS (MAITONAL DESIGN SPEC, BY AFRA) AND TPI. CONTORNS WITH APPLICABLE PROVISIONS OF NOS (MAITONAL DESIGN SPEC, BY AFRA) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN 40/60 (M. K.H. SS) GANY. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN AGAIN STEEL, APPLY NOW AND TRUSS OTHERWISE LOCATED ON THIS DESIGN AGAIN STEEL, APPLY NOW AND TRUSS OTHERWISE LOCATED ON THIS DESIGN AGAIN.

o. 5968

20.0

PSF

R8228- 56364 02/08/07

REF

*

0.0 PSF

HC-ENG JB/AF

10.0 PSF 10.0 PSF

DRW HCUSR8228 07039042

TOT.LD. DUR.FAC. SPACING

1.25 24.0"

JREF - 1T4P8228Z01

FROM

SEQN-

151181

A PROPERLY ATTACHED RIGID CEILING.

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member.

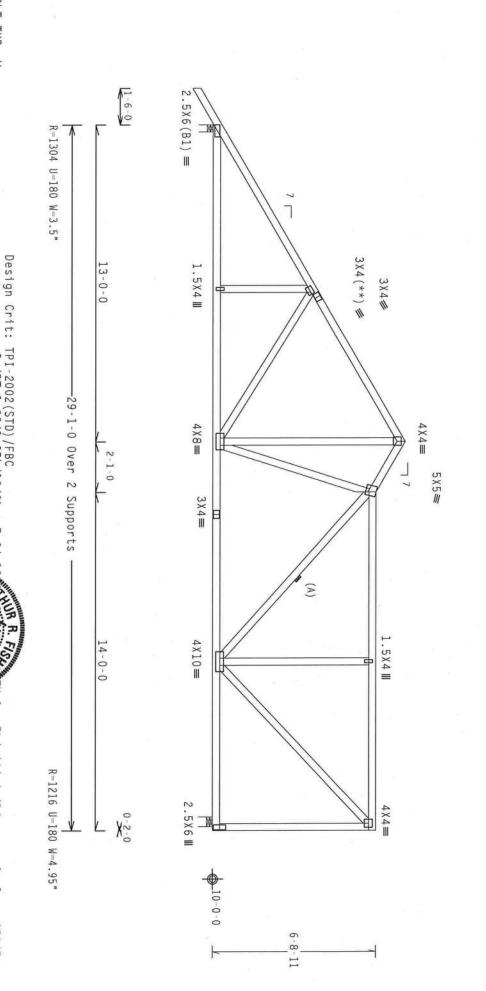
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

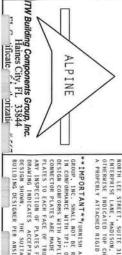
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

Right end vertical not exposed to wind pressure.

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





PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HAMDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 2218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ERICEPENTS (LANE, MADSON, HI 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 STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION PROM THIS DESIGN, ANY FAILURE TO BUILD THE THUSS IN COMFORMANCE WITH THIS OR FAREICATHOR, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, ALPINE DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AREAD, AND THIS CONNECTOR PALKES AREA (MATIONAL OR SHAND) AND THIS CONNECTOR PALKES AREA (MATIONAL OR SHAND) AND THE CONNECTOR PALKES AREA (MATIONAC MATINES) CONTROL ON A VIALSS (DALV. 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) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING R PER ANSI/TPI 1 SEC. 2. OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

GENS * FL/-/4/-/-/R/-

SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T4P8228Z01	FROM JFB	SEQN- 151185	HC-ENG JB/AF	DRW HCUSR8228 07039043	DATE 02/08/07	REF R8228 - 56365

Scale =.25"/Ft

Wind reactions based on MWFRS pressures

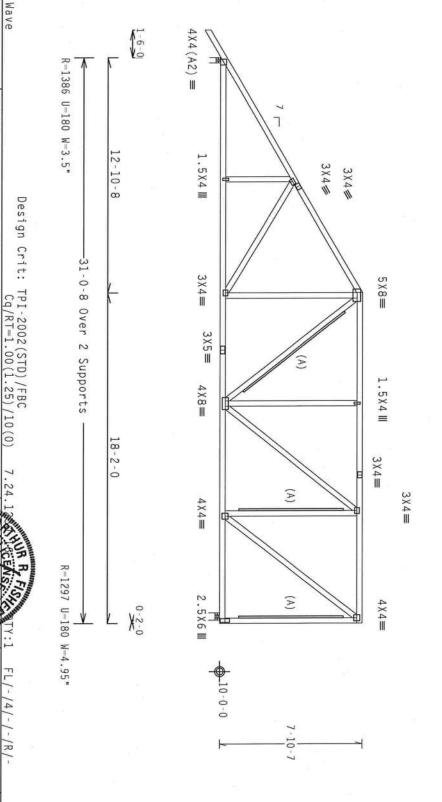
(A) 1x4~#3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

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

Right end vertical not exposed to wind pressure.

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



*****WARNING*** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO REST (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY INT (TRUSS PLATE INSTITUTE, 21B NORTH LEE SIREET, SUITE 312, ALEXANDIA, VA. 22310) AND WITCA (MODO TRUSS COUNCIL OF MAMERICA, 6300 ENTERPOISE LAKE, MADISON, WI \$5,739) FOR SAFETY PRACTICES PRIOR TO PERFORMENCE AND DOTTON CHORD SHALL HAVE OTHERSHIELD AND CONTROL CHORD SHALL HAVE OTHERSHIELD AND CONTROL CHORD SHALL HAVE OTHERSHIELD AND CONTROL CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

PLT TYP.

Wave

IMPORTANT*QURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN CONFORMACE UTTH TPI; OR FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

IN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MAITONAL DESIGN SPEC, BY AFRA) AND TPI. ALPHE CONNECTOR PLATES ARE MODE TO 70/18/16/AC (M. 1975/Y), ASTH AGS, BEADE 40/60 (M. X.M.S.S) GRADE TO THE CONTROLS ARE AND TO THE TO THE CONTROLS ARE MODE TO 70/18/16/AC (M. 1975/Y). ASTH AGS, BEADE 40/60 (M. X.M.S.S) GRADE TO THE CONTROLS ARE AND THE MADELY ASTH AGS ARE AND THE TO THE CONTROLS ARE MODE TO THE TOWN THE CONTROLS ARE MODE TO THE TOWN THE CONTROLS ARE AND THE TOWN THE CONTROLS ARE AND THE TOWN THE TO ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLHEETING RESPONSIBILITY SOLEL DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 02 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

Haines City, FL 33844
ifficate 'nizatic'

ALPINE



SP,	DUI	TO.	ВС	ВС	TC	TC LL
SPACING	DUR.FAC.	TOT.LD.	 -	DL	DL	F
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
-		PSF	PSF	PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-EN	DRW H	DATE	REF
JREF- 1T4P8228Z01	JFB	151189	HC-ENG JB/AF	CUSR8228	02/08/07	R8228-
28201		89	074	HCUSR8228 07039002	8/07	56366
			*			

Scale =.1875"/Ft.

Wind reactions based on MWFRS pressures

DWGS A11015EE1106 & GBLLETIN1106 for more requirements.

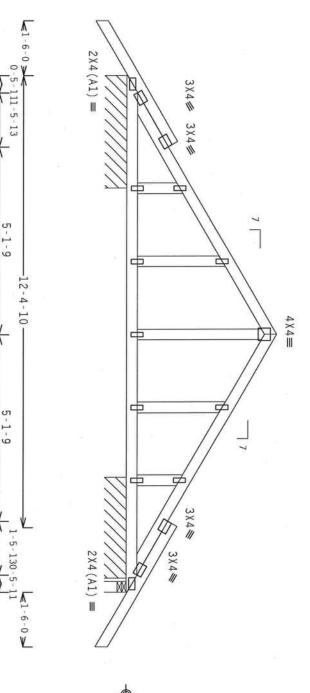
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

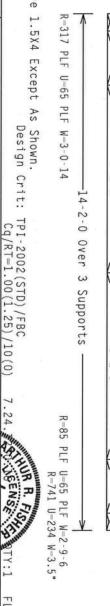
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chmust not be cut or notched. Top chord

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







Note: All Plates Are

TYP.

Wave

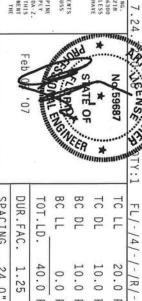
HARNING TRUSSES REDURE EXTREME CARE IN FAREICATION, HARDING, SHIPPING, HEYALLING AND BRACING, REFER TO BEST (BUILDING COMPONER) SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE HEYITUTE, 2218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22313) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTEROPISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CORDON SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROOM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPONENT UTTO THE PROPERTY OF THE TRUSS COMPONENT OF SHORE SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI I SEC. 2.

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

ALPINE

ificate



SP,	DUF	TOT	ВС	ВС	TC	TC LL
SPACING	DUR.FAC.	TOT.LD.	F	DL	DL	
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
-		PSF	PSF	PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-EN	DRW H	DATE	REF
JREF - 1T4P8228Z01	JFB	150982	HC-ENG JB/AF	CUSR8228	02/0	R8228-
28201		182	8346	HCUSR8228 07039044	02/08/07	56367

Scale

=.375"/Ft

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

Wind reactions based on MWFRS pressures

See DWGS Al1015EE1106 & GBLLETIN1106 for more requirements.

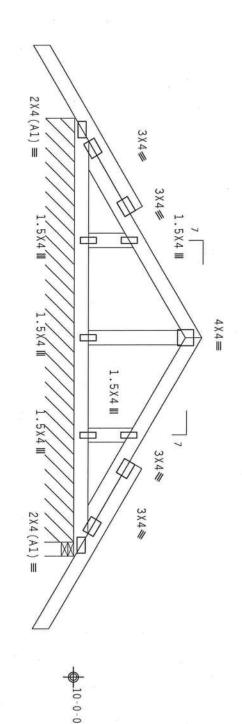
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

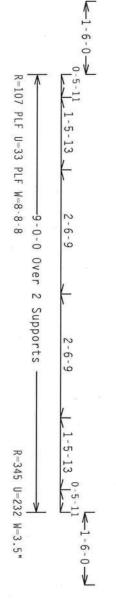
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.





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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TTY (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREIT, SUITE 312, ALEXANDRIA, VA, Z2314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRESE LAKE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE EURCTIONS, UNLESS OTHERNISE INDICATED TOW CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RESIDENCE.

Design Crit:

TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

IMPORTANTCURIISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DETAILOR FINN THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE HITH THE DE FARRICATION, HANDLING, SHIPPING, HISTAILING A BRACING OF TRUSSES. ALTURE CONNECTED THAT APPLICABLE PROVISSIONS OF HOS (MAITONAL DESIGN SPEC, BY AFRA) AND TRI. ALPLY CONNECTED THATES, ARE ANDE TO ZO/18/160A (M. 1955M). ASTH AGS GRADE GROOD MY, X/H, XS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON HITS DESIGN, POSITION PER ROBATINGS TO FACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON HITS DESIGN, POSITION PER ROBATING STEEL, APPLY DATE OF THE TRUSS CONTROLLED ON HITS DESIGN, POSITION FOR THE TRUSS COMPONENT DRAWING INDICATES, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLICLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. TP11-2002 SEC.3. A SEAL ON THIS BILLTY SOLELY FOR THE TRUSS COMPONENT BUILDING IS THE RESPONSIBILITY OF THE

ATBOF ENS . 59687 07)TY:1 FL/-/4/-/-/R/-

			- IIII	innun.	*	HINN'
SP/	DUF	101	ВС	ВС	TC	TC
SPACING	DUR.FAC.	TOT.LD.	F	DL	PL	F
24.0"	1.25	40.0 PSF	0.0	10.0 PSF	10.0 PSF	20.0 PSF
ľ		PSF	PSF	PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-ENG	DRW HO	DATE	REF F
JREF- 1T4P8228Z01	JFB	151034	3 JB/AF	USR8228	02/0	R8228-
228201)34		HCUSR8228 07039045	02/08/07	56369

Scale

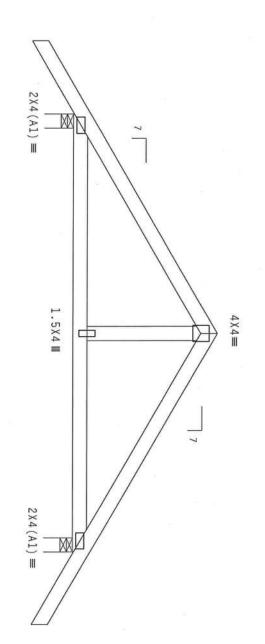
=.5"/Ft

Wind reactions based on MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



10-0-0

U=180 W=3.5" 4-6-0 -9-0-0 Over 2 Supports 4-6-0 R=476 U=180 W=3.5' 1-6-0->

1-6-0-

R = 476

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BCS1 (QUILDING COMPONENT SAFETY HOROMATION), PUBLISHED BY THI (TRUSS PLATE INSTITUTE, 2128 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND NTCA (400D TRUSS COUNCIL OF AMERICA, 6300 EXTERPENS LAME, MADISON, NI 53719) FOR SAFETY PRACTICES BRIOR TO PERFORMING THESE FUNCTIONS. DHLESS OTHERWISE INDICATED TOP CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

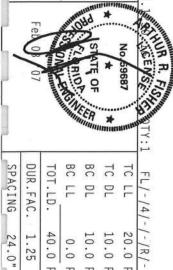
Haines City, FL 33844 **IMPORTANT**PURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP. HEC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS GESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPONENTS HITH PIE OF FARRICATING, HANDLING, SHIPPING, HISTALLING A BRACING OF TRUSSES.

APPINE DESIGN CONTORES WITH APPLICABLE PROVISIONS OF MOS (MAINDAL DESIGN SPEC, BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/160A (M.M.YSS/K) ASTH A653 GAADE 40/96 (M. K.M.SS) GALV. STEEL, APPINE CONNECTOR PLATES ARE MADE OF 20/18/160A (M.M.YSS/K) ASTH A653 GADE 00 THIS DESIGN, POSITION PER DRAHINGS 160A-Z PARA FROM THIS ADD. HISTALLING A REPORT OF THE PLATES TO EACH FACE OF TRUSS AND MICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A-Z PARA FROM THIS DESIGN POSITION PER DRAHINGS 160A-Z PARA FROM THIS PROBLEM OF THE PLATES TO EACH FACE OF TRUSS AND MICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A-Z PARA FROM THIS PROBLEM OF THE PLATES TO EACH FACE OF TRUSS AND MICES OTHERWISE LOCATED ON THIS DESIGN. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING

ALPINE

BUILDING DESIGNER PER ANSI/TPI 1 SEC.

D2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE



20.0 PSF

Scale =.5"/Ft.

R8228- 56370

10.0 PSF 10.0 PSF

DRW HCUSR8228 07039004

JB/AF

151037

DATE REF

02/08/07

0.0 PSF PSF

1.25 40.0

FROM SEQN-HC-ENG

JF B

24.0"

JREF- 1T4P8228Z01

Top chord 2x4 SP # Bot chord 2x8 SP # Webs 2x4 SP # ITW Building Components Group, Inc. Hames City, FL 33844 In lieu of structural panels brace TC @ 24" OC, BC @ 24" O BCCCBBCCC SPECIAL LOADS TYP. From 6 From 6 From 2 From 2 1204 LB 1287 LB 1351 LB 3463 LB (LUMBER ALPINE Wave ER DUR.FAC.=1.25 /
63 PLF at 7.08
63 PLF at 7.08
63 PLF at 1.00
5 PLF at 14.17
LB Conc. Load at LB Conc. L #2 Dense #1 Dense #3 **IMPORTANT*** GRAVES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BUILDING COMPONENTS GROUP, INC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TAILURE TO BUILD THE TRUSS IN COMPONENCE WITH MPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, ALL DESIGN COMPONEN WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI.

CONNECTOR PLAIRS ARE MADE OF POLOSE FOR CHAINS, AND THE CONNECTOR PLAIRS ARE ADD OF PLAIRS TO EACH FACE OF TRUSS AND, UNLESS OTHERMISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A-Z.

ANY INSPECTION OF PLAIRS FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPII-2002 SEC. 3.

A SCAL ON THIS
BRAHING INDICATES ACCEPTANCE OF PROFESSIONAL BEFORE ANNEX AS OF TPII-2002 SEC. 3.

A SCAL ON THIS
BRAHING INDICATES ACCEPTANCE OF PROFESSIONAL BEFORE ANNEX AS OF TPII-2002 SEC. 3. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPORTS LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER s or rigid ceiling use purlins to 0C. 4X8(B3) = to to to 1.10 3.10 5.10 7.10 PLATE =5310E DUR.FAC.=1.25)
63 PLF at 7.08
63 PLF at 15.67
20 PLF at 14.17
5 PLF at 15.67 U=600 Design Crit:) W=3.5" 5 7 5 4×5/ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) -14-2-0 Over 4 X 6 (R) ■ 7 X 8 = N Supports Nailing Schedule: | Top Chord: 1 Row @ Bot Chord: 1 Row @ Webs : 1 Row @ Deflection meets L/240 live and L/180 total load. Creep increase Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=5.0 psf. Use equal spacing between rows and stagger nails in each row to avoid splitting. factor for dead load is 1.50. COMPLETE 1.5X4 3X4/ * . 59687 (12d_Common_(0.148"x3.25",_min.)_nails)
@12.00" o.c.
@ 3.75" o.c.
@ 4" o.c. TRUSSES 4" o.c. R=3274 U=444 W=3.5' 4X6(A1) = REQUIRED ASCE 7-02, CLOSED bldg, not edge, CAT II, EXP B, wind TC **€**1-6-0 **>** BC LL BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 1.25 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 07039048 Scale = .375"/Ft R8228- 56373 JB/AF 02/08/07 151030

SPACING

24.0"

JREF -

1T4P8228Z01

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

Wind reactions based on MWFRS pressures

DWGS AI1015EE1106 & GBLLETIN1106 for more requirements.

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

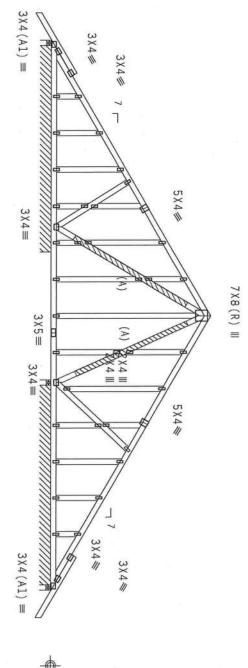
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER.

110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC

Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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



R=408 U=180 W=3.5" 13-1-9 30-2-0 12-9 ά Over ப Supports R=1169 U=180 W=3.5" R=398 U=189 W=3.5" R=70 PLF U=16 PLF W=11-0-0 5-7-12-13-1-9 1-5018-11

6

0-5115-1

Note: All Plates Are 1.5X4 Except As Shown.

R-160 PLF U-20 PLF

W=11-3-8

Wave Design Crit: TPI-2002 (STD) /FBC

PLT TYP.

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMADILING, SHIPPING, INSTALLING AND BRACING. RETER TO BCS1 (QUILDING COMPONEMS SAFETY HOMOMATICHS), PUBLISHED BY TPT (TRUSS PLATE HESTITUTE, 2138 MOBIN LEE SIREE, SUITE 312, ALEXANDRIA, VA. 22313) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAKE, MADISON, NI 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 STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Cq/RT=1.00(1.25)/10(0)

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPOREM LITTLE THE TRUSS IN COMPOREM LITTLE THE TRUSS. ALL THE PER LOWER CHIEF PROVISIONS OF BUS (MATORIAL BESIGN SPEC, BRACING OF FRUSES). ALPINE CONNECTED RAITES ARE MADE OF 20/18/16/26A. (HAITSKY) ASTH ARES GROUPE OF MATORIAL BESIGN PROSITION PER DRAHINGS INFORMATION PLATES ARE MADE OF 20/18/16/26A. (HAITSKY) ASTH ARES GROUPE AND PLATES OF LOWER OF THIS DESIGN. POSITION PER DRAHINGS INFORMATION FOR THIS DESIGN POSITION PER DRAHINGS INFORMATION FOR THE TRUSS COMPONENT OF THE TRUSS AND PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPII-2002 SEC.3.

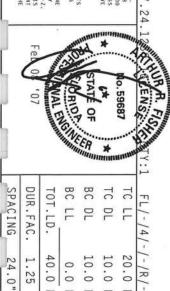
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPII-2002 SEC.3.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPII-2002 SEC.3. DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. SOLELY FOR THE TRUSS COMPONENT
AG IS THE RESPONSIBILITY OF THE

Haines City, FL 33844

"ficate " nrizatic "

ALPINE



		3	NAME OF THE PARTY	ER) Innun	
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T4P8228Z01	FROM JFB	SEQN- 151043	HC-ENG JB/AF	DRW HCUSR8228 07039049	DATE 02/08/07	REF R8228 - 563/4

Scale =.1875"/Ft.

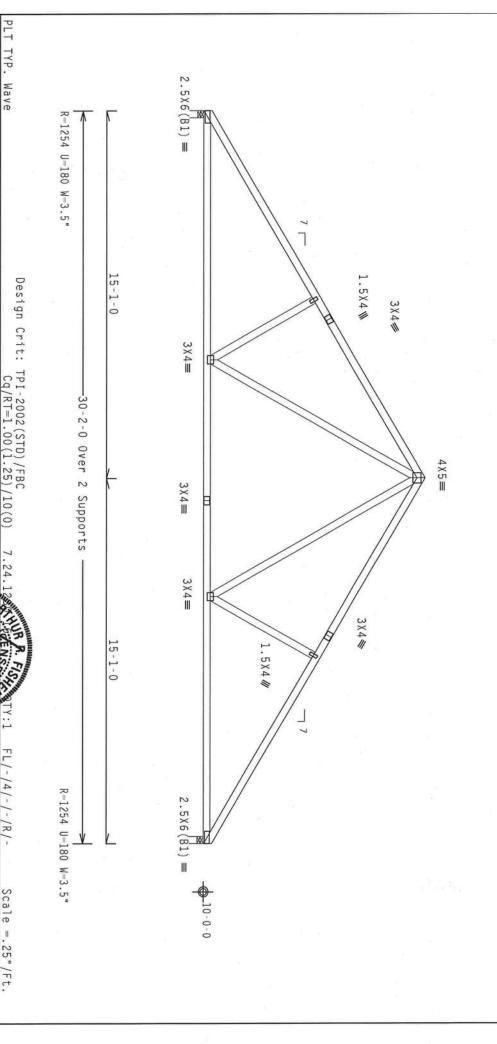
Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



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

DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

SEAL ON THE

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE

DRAWING INDICATES

ALPINE

IMPORTANT*URBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSSES. IN CONFORMANCE UTTH TPI; OR FARRICATION, HANDLING, SHIPPING, HSTALLING A BRACING OF TRUSSES.

IN CONFORMANCE UTTH APPLICABLE PROVISIONS OF HOS (HALIDHA) DESIGN SPEC, BY AFRAY, AND TPI. APPLY DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (HALIDHA) DESIGN SPEC, BY AFRAY AND TPI. APPLY CONFECTION PLATES ARE MADE OF 20/18/196A, UL/1957AY, ASTH AGS JEADE 40/60 (H. K./H./SS) AAAV, STELL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-25 PULL TRUSSES.

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PT (TRUSS PLATE INSTITUTE, 218 URBIT LEE STREET, SUITE 317, ALEXANDRIA, VA. 22314) AND NTCA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERORISE (LAKE, MADISON, NI 33719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERSISE (MOLTOTO TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

lo. 59687

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

20.0 PSF

REF

R8228- 56375

Scale = .25"/Ft.

DATE

02/08/07

TATE OF

BC LL BC DL TC DL TC LL

0.0 PSF PSF

HC-ENG

JB/AF 151047

10.0 PSF 10.0 PSF

DRW HCUSR8228 07039005

DUR.FAC. SPACING

1.25

FROM JREF -

JFB

1T4P8228Z01

24.0"

TOT.LD.

40.0

SEQN-

PLT TYP.

Wave

TC - From TC - From BC - From BC - 2336 BC - 239 19.06, 21. Top chord 2x4 SP # Bot chord 2x8 SP # Webs 2x4 SP # :W11 2x6 SP #2: Haines City, FL 33844 (1) 2x8X6-6-0 SP #1 Dense Bottom chord scab centered 6-8-2 from left end. Attach to one face of chord with (4) rows of $12d_Common_(0.148"x3.25",_min.)_nails @ 6" 0.C., staggered 3".$ In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC. (A) 2x4~#3 or better "T" brace. 80% length of web member. Attach to each web ply with 16d Box or Gun (0.135"x3.5".min.)nails @ 6" SPECIAL LOADS PLT TYP. Wind reactions based on MWFRS pressures. From 63 PLF at -1.50 to 63 PLF at 13.50 from 63 PLF at 13.50 to 63 PLF at 31.92 From 5 PLF at -1.50 to 5 PLF at 0.00 From 20 PLF at 0.00 to 20 PLF at 31.92 2336 LB Conc. Load at 7.06 20 PLF at 31.92 2336 LB Conc. Load at 9.06 11.06 13.06 15.06 927 LB Conc. Load at 25.06 27.06 29.06 31.06 (LUMBER DUR.FAC.-1.25 ALPINE Wave 1-6-0 5X5(A4) =#2 Dense #1 Dense #3 :W10 2x4 SP 5X5 (A4) = R = 7334**IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. JIM BUILDING COMPONENTS GROUP, INC., SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS. IN COMPONENT HIT HIP OF FABRICATURE, HANDLING, SHIPPING, INSTALLING & BRACLING OF FRUSSES, IN COMPONENS HITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SEC, BY ATRA) AND TPI. CONNECTOR PLATES ARE HADE OF 70/18/166A (H.H/SS/N) ASYM A653 GRADE 40/50 (H. K/H.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX A3 OF TPI1-2002 SEC.3. A SEA, ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR NAW BUILDING IS THE RESPONSIBILITY OF THE DRAWING INDICATES ACCEPTANDESIGN SHOWN. THE SUITANDESIGNER PER ANSI **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOS! (QUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 2218 MORTH LEE STREET, SUITE 312, ALEXANDRA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERORISE LANE, MADISON, MT 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO FORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE U=1028 W=3.5" PLATE #2 Dense: 3×4/ TE DUR.FAC.=1.25)
63 PLF at 13.50
63 PLF at 31.92
5 PLF at 0.00
20 PLF at 31.92 2X4 III RSI 3-6-0 3X5# 13.06. 15.06. 17.06 Design Crit: 5 X 8 = 5×6/ DM1 31-11-0 Over 2 10X10(R) W 10X10= TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 0C. Supports 5 X 4 ≡ 7 X 8 = 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Bearing blocks: Nail type: 12d_Common_(0.148*x3.25*._min.)_nails BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE 1 0.000. #D 12. Rigid Surface Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK1103 for additional information. Nailing Schedule: (12d_Common_(0.148*x3.25*,_min.)_nails)
Top Chord: 1 Row @12.00* o.c.
Bot Cond: 1 Row @ 4.50* o.c.
Webs : 1 Row @ 4. o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\cdot$ Right end vertical not exposed to wind pressure (1) 2x4X2-0-0 SP #2 Dense Top chord scab centered 0-2-14 from left end. Attach to one face of chord with (2) rows of 12d_Common_(0.148*x3.25*__min.)_nails @ 6* 0.C., staggered 3*. 8-5-0 COMPLETE 5X6(R) III (A) 7X8(R) Ⅲ WHUR R. CENS No. 5968 TRUSSES R-8976 U-1273 W-4.95 6X8(R) Ⅲ W11 * 4X10 X 3 REQUIRED BC DL DUR.FAC. BC LL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF DATE REF JREF -FROM SEQN-DRW HCUSR8228 07039050 HC-ENG Scale = .1875"/Ft. R8228- 56376 1T4P8228Z01 JB/AF 02/08/07 151136

TC - Fr TC - Fr BC - Fr BC - Fr 27.81, Bot Haines City, FL 33844

Fit Comificate Components Group, Inc.
Haines City, FL 33844 Wind PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,.$ SPECIAL LOADS (7-041--Milton Builders ROWAN RES. From 63 PLF at 0.00 to 6 From 63 PLF at 15.08 to 6 From 20 PLF at 0.00 to 2 927 LB Conc. Load at 1.19, 19, 13.19, 15.19, 17.19, 17.81, 181, 29.81 chord 2x4 SP #2 Dense chord 2x8 SP #1 Dense Webs 2x4 SP #3 reactions based on MWFRS pressures (LUMBER ALPINE Wave 3 X 6 (A3) ≡ ER DUR.FAC.=1.25 / PLA 63 PLF at 0.00 to 63 PLF at 15.08 to 20 PLF at 0.00 to 3X6(A3) = R-8419 U-612 W-3.5" **IMPORTANT***QURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE UTTH TPI; OR FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACTHG OF TRUSSES.

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MAITIONAL DESIGN SPEC, BY AFRA) AND TPI. APPLY CONNECTOR PLATES, ARE MORE OF ZO/IBJ/SAG, MAIN SPO, SAGNE 40/50 (J. M.M.S.SEC), AND STORMS STORMS AND STORMS ***WARNIG*** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, INADILING, SHIPPING, INSTALLING AND BRACING,
REFER TO BEST (BUILDING COMPONENT SAFETY HEMORALION), PRIBLEMED BY THE (TRUSS PLATE INSTITUTE, Z18
MORTH LEE STREET, SUITE 312, ALTEANBEIA, WA, Z2314) AND NICA (MODO TRUSS COURCIL OF AMERICA, GOOD
ENTERPRISE (AME, MOISSON, HI 53719) FOR SAFETY PROCITICES PRIOR TO PERFORMING INESS INUCTIONS.
UNKESS
OTHERNISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACCEPTANCE OF PROJ BUILDING DESIGNER PER A PROPERLY ATTACHED RIGID CEILING. PLATE TE DUR.FAC.=1.25)
63 PLF at 15.08
63 PLF at 30.17
20 PLF at 30.17
, 3.19, 5.19, 7
, 19.81, 21.81, 23 2.5X6# 4×4 III THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING R PER ANSI/TPI 1 SEC. 2. Design Crit: 3X4# 7.19, 6 4×4= 9.19 25.81 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) -30-2-0 Over 2 Supports 7X6(R) | 4X6(R) ■ SEC.3. A SEAL ON THIS OLELY FOR THE TRUSS COMPONENT IS THE RESPONSIBILITY OF THE 6X6≡ Webs : 1 Row @ 4" o.c. Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting. Nailing Schedule: Top Chord: 1 Row Bot Chord: 1 Row In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. COMPLETE 5X4(R) 4X4(R) 3X4/ (12d_Common_(0.148"x3.25",_min.)_nails) @12.00" o.c. @ 3.75" o.c. TRUSSES 5-1-0 2.5X6 4 X 4 Ⅲ * REQUIRED BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-R-8918 U-586 W-3.5" 3X6(A3) = 3X6 (Å3) ≡ 24.0" 1.25 40.0 10.0 10.0 20.0 0.0 PSF PSF PSF PSF PSF REF FROM SEQN-DATE HC-ENG JREF-DRW HCUSR8228 07039051 Scale =.25"/Ft. R8228- 56377 1T4P8228Z01 JB/AF 02/08/07 151127

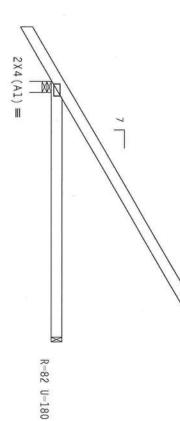
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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

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

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



R=190 U=180 4-5-5

8-0-0

k1-6-0 **y**

R=412 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, IMADILING, SHIPPING, INSTALLING AND BRACING.

REFER TO BCSI (BUILDING COMPONERN SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE 228

HOGH LEE SERET, SUITE 127, ALEXANDRIA, VA. 27214) AND HYCA (MOOD TRUSS COUNCIL OF AMERICA, 6300

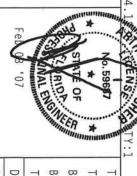
ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS
OTHERMISE INFORMATION OF THE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERTY ATTACHED RIGID CEILING.

IMPORTANT*URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMACE UTTH TP: OR FABRICATION, HANDLIC, SHIPPIDE, INSTALLING & BRACIFG OF TRUSSES. IN CONFORMS HITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ARANA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16/CAG (H-MYSSEY) ASTM AND SHALL MADE ADSOLO (M. X/MI-SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION FOR BRAHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNY XA OF TPI-2007 SEC.3. A SEA, ON THIS DESIGN FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY SUITCHIS FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY SUITCHIS FER ANSI/FPI I SEC. 2.

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

Ft Confificate of Authorization # 567

ALPINE



FROM JFB		1.25	DUR.FAC.	
SEQN- 150988	PSF	40.0 PSF	TOT.LD.	_
HC-ENG JB/AF	PSF	0.0	BC LL	
DRW HCUSR8228 07039006	PSF	10.0 PSF	BC DL	
DATE 02/08/07	PSF	10.0 PSF	TC DL	
REF R8228- 56378	PSF	20.0 PSF	TC LL	
Scale =.375"/Ft.	. Ki	-/-/R/	FL/-/4/-/-/R/-	ш

SPACING

24.0"

JREF -

1T4P8228Z01

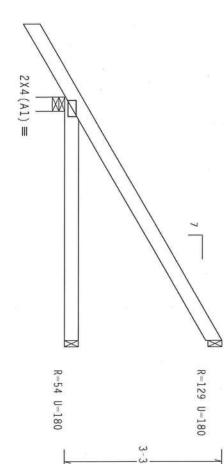
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

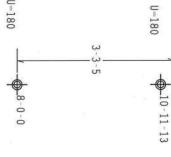
Wind reactions based on MWFRS pressures

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

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.





1-6-0->

R-335 U-180 W-3.5" -5-0-0 Over 3 Supports 5-0-0

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

WHARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THI (TRUSS PLATE INSTITUTE, 218 URBIT LEE STREET, SUITE 312, ALEXANDRIA, VA, 2213) AND NICA (QUODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPORTS LAKE, MADISON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHOROS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE

IMPORTANTGURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, IRC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN COMPONENS HITH APPLICABLE FROWING, HADDLING, SHIPPING, HISTALLING & BRACING OF RUSSES. DESIGN COMPONES HITH APPLICABLE PROVISIONS OF MOS (MATIGONAL DESIGN SPEC, BY AGADA) AND THIS CONNECTOR PLATES ARE MODE OF 20/18/16/04 (M. 1/M.SY). ASTH AGS GRADE 40/60 (M. X.M.M.S.) SAGAL STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, DULESS OTHERHISE LOCATED ON HITS DESIGN, POSITION PER BUANINGS 160A-Z ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A JOE TPIL-2002 SEC, J. A SEA, ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THE FROM SHOWN OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A JOE TPIL-2002 SEC, J. A SEA, ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPIL SEC, Z.

Haines City, FL 33844

Fit Confidence Control orization 4 667

ALPINE



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SP,	DUI	TO	ВС	ВС	TC	TC LL
SPACING	DUR.FAC.	TOT.LD.	F	DL	DL	
24.0"	1.25	40.0 PSF	0.0	10.0 PSF	10.0 PSF	20.0 PSF
		PSF	PSF	PSF	PSF	PSF
JREF -	FROM	SEQN-	HC-ENG	DRW H	DATE	REF
JREF - 1T4P8228Z01	JFB	150995	G JB/AF	CUSR8228	02/	R8228-
228201	11	995	T	HCUSR8228 07039061	02/08/07	56379
			v.	-		

Scale =.5"/Ft.

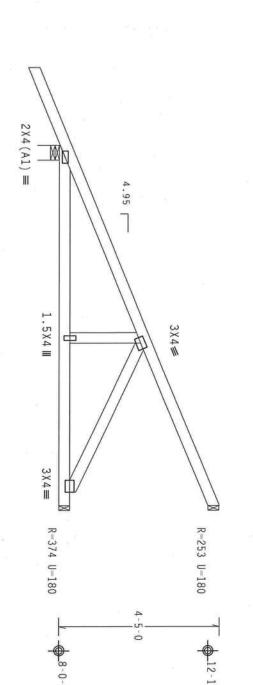
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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





Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT

TYP.

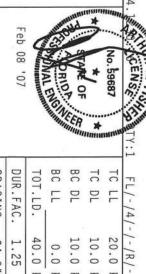
Wave

WARNING TRUSSES REQUIRE INTERE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BCSI (BUILDING COMPONENT SAFET HOMONATON), PUBLISHED BY FPI (TRUSS PLATE HISTIDITE, 2218 MORTH LEE STREE, SUITE 32. ALEXANDRIA, VA, 22314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORHING THESE FUNCTIONS. UNLESS OTHERWISE HOLDSCAFED FOR CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE

Haines City, FL 33844 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPONENTS HITCH THE PROPERTY OF THE TRUSS COMPONENT OF THE PROPERTY OF THE PROP

ALPINE

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2 OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE



SP,	DU	T0.	ВС	ВС	TC	TC
SPACING	DUR.FAC.	TOT.LD.	F	PL	DL	Ε
24.0"	1.25	40.0 PSF	0.0	10.0 PSF	10.0 PSF	20.0 PSF
-		PSF	PSF	PSF	PSF	PSF
JREF -	FROM	SEQN-	HC-ENG	DRW HC	DATE	REF F
JREF - 1T4P8228Z01	JFB	151010	3 JB/AF	USR8228	02/0	R8228-
28201		010		DRW HCUSR8228 0703905	02/08/07	56380

Scale = .375"/Ft.

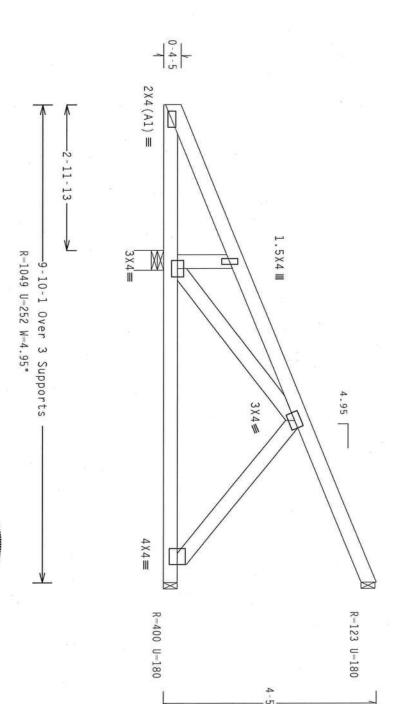
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

Wind reactions based on MWFRS pressures

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

SPECIAL LOADS
-----(LUMBER DUR.FAC.=1.25 /
TC - From 62 PLF at 0.00 or
TC - 126 LB Conc. Load at 126 LB Conc. 0.00 4.24 7.07 4.24 7.07 to to PLATE E DUR.FAC.=1.25) 62 PLF at 9.84 20 PLF at 9.84

brace In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24 $^{\circ}$ OC, BC @ 24 $^{\circ}$ OC.



0

10-0-0

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

TYP.

Wave

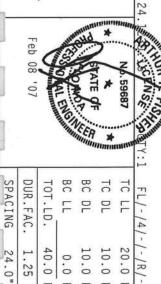
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TFT (FRUSS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND NTCA (4000) TRUSS COUNCIL OF AMERICA, 6300 ENTERORISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS. IN COMPONENTS HITH APPLICABLE PROVISIONS OF MOS. (MATIONAL DESIGN SEC. BRACING OF TRUSSES. APPLY CONNECTOR PLATES ARE MODE OF ZO/TB/16GA (W.H/SS/K) ASTA MASS GRADE 40/50 (W. K/M.SS) GALY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWNING 160A-Z. ANY THIS DETAILS ACCEPTANCE OF PROFESSIONAL REGISTER ANNEX AS OF TPI1-2002 SEC. 3. A STAL ON THIS DESIGN AND THE SULTANDAME OF PROFESSIONAL REGISTER ANNEX AS OF TPI1-2002 SEC. 3. A STAL ON THIS DESIGN SHOWN. THE SULTANDAME OF PROFESSIONAL REGISTER ANNEX AS OF TPI1-2002 SEC. 3. DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Haines City, FL 33844

FT Conficate of Ambarization # 667

ALPINE



DUF	TO	BC	BC	TC	TC LL
DUR.FAC.	TOT.LD.	F	DL	DL	F
1.25	40.0 PSF	0.0	10.0	10.0	20.0 PSF
	PSF	PSF	PSF	PSF	PSF
FROM	SEQN-	HC-ENG	DRW HO	DATE	REF F
JFB	151245	G JB/AF	DRW HCUSR8228 07039053	02/08/07	R8228- 56381

Scale = .5"/Ft

24.0"

JREF -

1T4P8228Z01

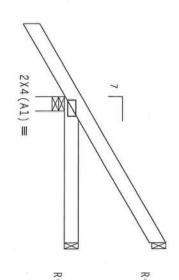
Top chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense

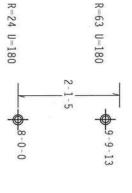
Wind reactions based on MWFRS pressures

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.





1-6-0-√ R-265 U-180 W-3.5" 3-0-0 Over 3 Supports

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

JE PNS

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

PSF

REF

R8228- 56382

Scale =.5"/Ft.

DATE

02/08/07

PLT TYP.

Wave

REFER TO BCSI (BUIL A PROPERLY ATTACHED RIGID CEILING.

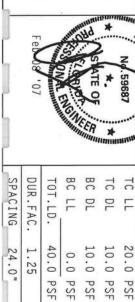
IMPORTANT*UURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP. INC. SHALL NOT SE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMS HITH APPLICABLE PROVISIONS OF NOS (MAITOMAL DESIGN ESPEC, BY AFRA) AND TPI. ALPTHE CONNECTOR PLATES ARE MADE OF ZO/IS/16GA (M.1/MSX/MS) ASIM A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWHINGS 16GA-C PARTS TO THE MANY INSPECTION OF FLATES FOLLORED BY (1) SHALL BE PER ANNEX AS OF TPI1-ZOOZ SEC.3. A SEAL ON THIS CONTRACTOR OF TRUSS CONTRACTOR AND TRACTOR TRUSS CONTRACTOR OF T Y AFRPA) AND TPI. ALPINE W. K/H.SS) GALV. STEEL. APPLY . POSITION PER DRAWINGS 160A-Z

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE RUSS COMPONENT OBSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Haines City, FL 33844

"ificate " nizatic "

ALPINE



PSF

151001

HC-ENG JB/AF

DRW HCUSR8228 07039007

FROM SEQN-

JFB

JREF -

1T4P8228Z01

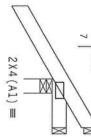
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures

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

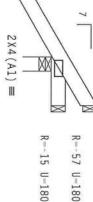
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



R=-57 U=180

8-0-0



1-6-0-1 1-0-0 Over 3 Supports R=257 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 220
MORTH LEE SIREE, SUITE 312. ALEXANDRIA, VA, Z2314) AND WITCA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERNISE HOLGALED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, 18C. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FRONT HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPONENCE HITH PIP: OR FABRICATION, MANDLING, SHIPPING, INSTALLING & BRACIEGO OF TRUSSES, ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (NATIONAL DESIGN SPEC, BY AREAD, AND THE CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (NATIONAL DESIGN SPEC, BY AREAD, AND THE CONFORMS WITH APPLICABLE PROVISIONS OF 1005 (NATIONAL DESIGN SPEC) BY AREAD, AND THE CONFORMS WITH APPLICABLE OF ZOLD ADDRESS 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.

Haines City, FL 33844
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ALPINE



J			ann.	CR VIIII) Drum	amm
SP/	DUF	10.	ВС	ВС	TC	TC LL
SPACING	DUR.FAC.	TOT.LD.	F 	P	DL	F
24.0"	1.25	40.0 PSF	0.0	10.0	10.0 PSF	20.0 PSF
]		PSF	PSF	PSF	PSF	PSF
JRFF-	FROM	SEQN-	HC-ENG	DRW H	DATE	REF
JRFF- 1T4P8228Z01	JFB	151004	IG JB/AF	CUSR8228	02/1	R8228-
228201		004	110	DRW HCUSR8228 07039054	02/08/07	56383

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

Scale =.5"/Ft.

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

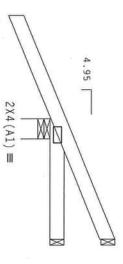
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures

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

SPECIAL LOADS From 62 PLF at -2.12 to From 4 PLF at -2.12 to From 20 PLF at 0.00 to -115 LB Conc. Load at 1.48 -115 LB Conc. Load at 1.48 From PLATE E DUR.FAC.=1. 62 PLF at 2 4 PLF at 0 20 PLF at 2 1.25) 2.47 0.00 2.47

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



R--66 U-180 R--43 U-180



Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION). HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 210 MOBINE LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (APOND TRUSS COUNCIL OF AMERICA, 6300 ERREPENS LANE, ANDISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOUSEASTED TOP CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FILLURE TO BUILD THE TRUSS IN COMPONENT GRIP FOR FARRICATION, HANDLIGG, SHIPPHOL, INSTALLING & BRACLING OF TRUSSES, IN COMPONENT WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGNE SPEC, BY AFAPA) AND THE CONNECTION PLATES ARE HANGE OF FORDISCON, DIES OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND THE CONNECTION PLATES OF EACH FACE OF TRUSS, AND. UNLESS OTHERWISE LOCATEO ON THIS DESIGN, POSITION PER BRANHOG 1500A-Z. ANY HRSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANIES AS OF FP11-2002 SEC. 3. A SEAL ON THIS DESIGN BRADES AND THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PRI 1 SEC. 2.

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

ALPINE

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		*	William I	EER	 ≯	
SP/	DUF		ВС	ВС	TC	TC
SPACING	DUR.FAC.	TOT.LD.	F	DL	DL	
24.0"	1.25	40.0 PSF	0.0	10.0 PSF	10.0 PSF	20.0 PSF
]	5500	PSF	0.0 PSF	PSF	PSF	PSF
JREF-	FROM	SEQN-	HC-ENG	DRW H	DATE	REF
JREF - 1T4P8228Z01	JFB	151236	IG JB/AF	HCUSR8228 0703905	02/08/07	R8228- 56384
01				3905	7	84

Scale

=.5"/Ft.

07039055

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

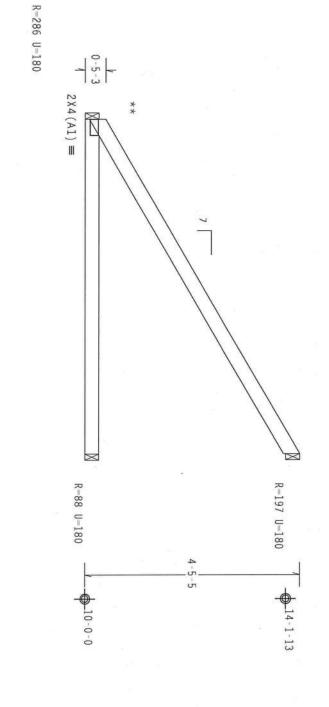
Wind reactions based on MWFRS pressures

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

FASCIA BEAM DESIGNED AND FURNISHED BY OTHERS. PROVIDE CONNECTION FOR REACTIONS SHOWN.

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C. BC @ 24" 0C.



-6-10-8 Over 3 Supports

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

***WARNING** TRUSSES REQUIRE EXTREME CARE IN FAMILICATION, IMABILIAE, SHIPPING, INSTALLING AND BRACING, REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE SIREE, SUITE 312, ALEXANDRIA, VA, 22314) AND NTCA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PRODOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE

GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION ROW THIS DESIGN; ANY FATURE TO BUILD THE TRUSS IN CONFORMACE WITH 191; OR FAREIGATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMACE WITH 191; OR FAREIGATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATRA) AND IP1.

APPLY CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATRA) AND IP1.

ALPINE CONFORMS AND AND THE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATRA) AND IP1.

APPLY BY ARREST ARE MADE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN AGAIN STEEL, APPLY AND THE PROVIDED ON THIS DESIGN AGAIN STEEL, APPLY AND THE PROVIDED ON THIS DESIGN.

BUILDING DESIGNER PER ANSI DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD ANY INSPECTION OF PLATES FOLLOWED BY

Haines City, FL 33844

"fficate" nizatic

ALPINE

JOE NSE TATE OF 59687 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-

SEC.3. A SEAL ON THIS OLELY FOR THE TRUSS COMPONENT IS THE RESPONSIBILITY OF THE

24.0" 1.25

40.0

SEQN-HC-ENG

151194

10.0 PSF 20.0 PSF

REF DATE

R8228- 56385

02/08/07

Scale =.5"/Ft.

10.0 PSF 0.0 PSF PSF

DRW HCUSR8228 07039008

JB/AF

JREF -FROM 1T4P8228Z01

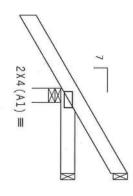
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50\,\mathrm{cm}$

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



R-2 U-180

R-7 U-180

10-0-0

1-6-0-✓ 1-9-0 Over 3 Supports R-238 U-180 W-3.5"

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

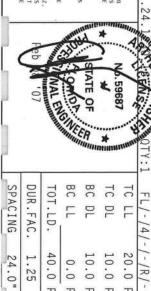
Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BOSI (BUILDING COMPOUNT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 2218 MORTH LEE STREEF, SUITE 312, ALEXANDRIA, VA, 223-14) AND MICA (400D TRUSS COUNCIL OF AMERICA, 6300 EMPERGA, 1030), TO AMERICA, 6300 EMPERGA, 1030, STREEF, 1031C AND SOME SAFETY PRACTICES PRIOR TO PETERBRING THESE FUNCTIONS. DMLESS OTHERMISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

ITW Building Components Group, Inc. Haines City, FL 33844 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BUILDING COMPONENTS GROUP, INC. SHACL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPONENCE HITH HET; OR FARRICATHIG. HANDLING, SHIPPING, HISTALLING & BRACHING OF TRUSSES. A LAPINE CONNECTION PAIRS WITH APPLICABLE PROVISIONS OF HIS GRAINFORD AND TP!. ALPINE CONNECTION PAIRS ARE AND OF 207187 JAGA (M.H.SZNJA ANTONIA) AND TP!. THE CONNECTION PAIRS ARE AND OF 207187 JAGA (M.H.SZNJA ANTONIA) AND THIS DESIGN. POSITION PER DEMANDES AND. HANCES OF THE TRUSS OFFICENCE OF THE TRUSS OFFICENCE OF THE TRUSS OFFICENCE OF THE TRUSS COMPONENT BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT

ALPINE

DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPL 1 SEC. 2. ALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SEAL ON THIS ALL BEGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE



10.0 PSF

DRW HCUSR8228 07039009

0.0 PSF

HC-ENG

JB/AF

151233

PSF

FROM SEQN-

JFB

24.0" 1.25

JREF -

1T4P8228Z01

20.0 PSF

REF

R8228- 56386

Scale =.5"/Ft.

PSF

DATE

02/08/07

Top Bot

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. chord 2x4 SP #2 Dense chord 2x6 SP #1 Dense Webs 2x4 SP #3

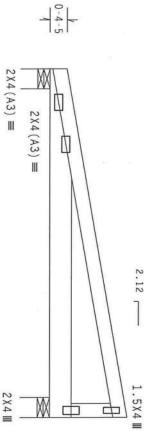
Wind reactions based on MWFRS pressures.

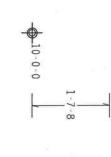
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

SPECIAL LOADS

------ (LUMBER DUR.FAC.=1.25 / FTC - From 60 PLF at 0.00 to BC - From 20 PLF at 0.00 to BC - 286 LB Conc. Load at 1. BC - 282 LB Conc. Load at 3. BC - 280 LB Conc. Load at 5. to 1.94 3.94 5.94 PLATE E DUR.FAC.=1.25) 60 PLF at 7.16 20 PLF at 7.16

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





R=685 U=180 W=4.95" 7-1-15 Over 2 Supports R=738 U=180 W=4.95"

Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PRELISED BY TPT (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 317, ALEXANDRÍA, VA. Z2314) AND NTCA (4000 TRUSS COUNCIL O AMERICA, 6300 ENTERPENSE LANE, MONISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HIESE FUNCTIONS. UNLESS OTHERWISE HOLDS THE CHORD SWALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SWALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SWALL HAVE

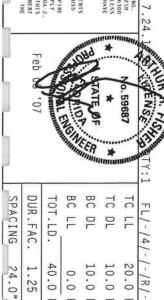
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVLATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORENS CHITH THE FOR FARBETCHING, HANDLING, SHIPPING, INSTALLING, A REACHS OF TRUSSES. ACTIVE CONTROLS OF THE FORMAL DESIGN COMPORENS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SECC. BY AREAN) AND THE CONNECTOR PLATES ARE MADE OF 20/18/16/64 (M.H/SS/N). ASTAN A653 GRADE 40/60 (W. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DANATHOS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A) OF THIT-2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SULFATANCE OF PROFESSIONAL THE GRADIEGE FOR RESPONSIBILITY OF THE DESIGN SHOWN. THE SULFATER OF THE TRUSS COMPONENT DESIGN SHOWN. THE SULFATER THAT SOURCE FOR THE TRUSS COMPONENT DESIGN SHOWN.

Haines City, FL 33844

Haines City, FL 37izatic

BUILDING DESIGNER PER ANSI

ALPINE



Scale

=.5"/Ft.

24.0"

JREF -

1T4P8228Z01

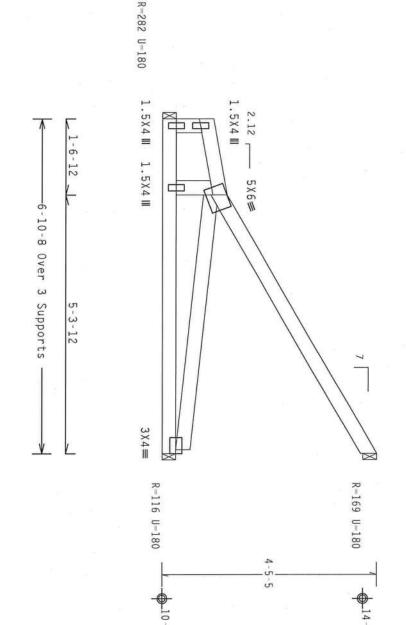
Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3

Wind reactions based on MWFRS pressures

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

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

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



1-0-13

REFER TO BCS! (BUILDING COMPONEN MORTH LEE STREET, SUITE 312, ALEXA MORTH LEE STREET, SUITE 317, ALEXA PROPERLY ATTACHED RIGID CEILING. A PROPERLY ATTACHED RIGID CEILING. "MARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDING, SHIPPING, INSTALLING AND REACING, THERPAISE LAME, MADISON WI \$373) FOR SAFETY PROPRIATION, DURING THOSE COUNCIL OF CHARLICA, DAYS THERPAISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAREES, AND BOTTOM CHORD SHALL HAVE TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0)

Design Crit:

PLT TYP.

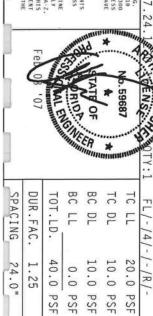
Wave

IMPORTANI*GRNISH A GOPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.
GROUP. INC. SHALL NOT DE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TA.
IN CONFORMANCE WITH TP: ON FABRICATHING, HANDLING, SHIPPING, HASTALLING A BRACII
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DIS (NATIONAL DESIGN SPEC, BY AND
CONNECTOR PLAIRS ARE MODE OF 20/18/160A, (H.H.SYX) ASTH MASS GRANE 40/400 (H. K/) DRAWING INDICATES ACCEPTANCE ION CONTRACTOR. ITH BUILDING COMPONENTS
DESIGN: ANY FAILURE TO BUILD THE TRUSS
TALLING & BRACING OF TRUSSES. POSITION PER DRAWINGS 160A. GALY. STEEL. APPLY

LDING DESIGNER PER ANSI. OF TPI1-2002 SEC.3. A SEAL ON THIS ONSIBILITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



PSF

HC-ENG

JB/AF

151200

DRW HCUSR8228 07039057

PSF

FROM SEQN-

JREF -

1T4P8228Z01

PSF

DATE REF

02/08/07

Scale =.5"/Ft.

R8228- 56388

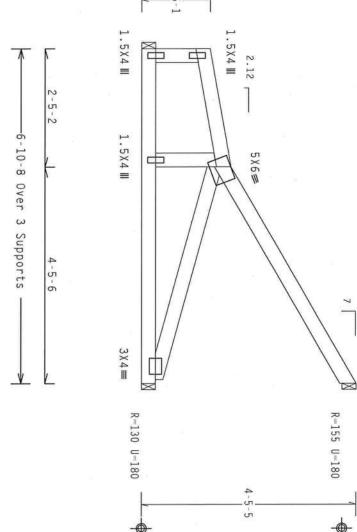
Bot t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Wind reactions based on MWFRS pressures

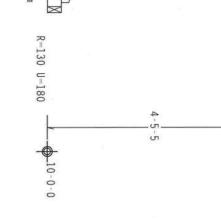
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.



R=280 U=180



Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

7.24

PLT

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (FRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERFERS LAIE, MAISSON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BUILDING COMPONENTS GROUP, 196. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM FIRS DESIGN, NAY FAILURE TO BUILD THE TRUSS. IN CONFERRANCE HITH PTI- OR FABRICATHIG. HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES, IN CONFERRANCE HITH PTI- OR FABRICATHIG. HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES, ADDESIGN CONFERRAS HITH APPLICABLE PROVISIONS OF DROS (RATIONAL DESIGN SEC. BY AREA), AND TRIC CONNECTOR PLATES ARE MADE OF ZO/18/166A (M.H/SS/R), ASTA A653 GRADE 40/60 (M. K/M.SS) SALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERBISE LOCATED ON THIS DESIGN, POSITION OF RE DRAWINGS 1660A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF FILL-2002 SEC. 3. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF FROFESSIONAL REGIONEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

FI Cortificate of Authorization # 54.7

ALPINE

Feb

No. 59687	TC LL	20.0 PSF	REF R8228- 56389
**	TC DL	10.0 PSF	DATE 02/08/07
STATE OF FEMALE	BC DL	10.0 PSF	DRW HCUSR8228 07039058
BO ENGLES	BC LL	0.0 PSF	HC-ENG JB/AF
AND	TOT.LD.	40.0 PSF	SEQN- 151204
% 8 '07	DUR.FAC.	1.25	FROM JFB
	SPACING	24.0"	JREF- 1T4P8228Z01

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

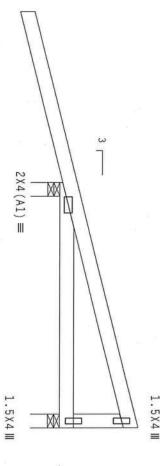
Wind reactions based on MWFRS pressures

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

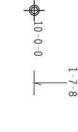
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C.

Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.



7-4-5



R-524 U-180 W-3.5" -5-0-12 Over 2 Supports R=111 U=180 W=3.5"

3-6-0

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTSUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS BESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMACE WITH THIS OF FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRAY) AND TPI.

CONHECTOR PLATES ARE MODE OF 20/18/1/66A (M.H/SS/K) ASIM ASS GRADE 40/60 (W. K/M.SS) GALV. STEEL, APPLY

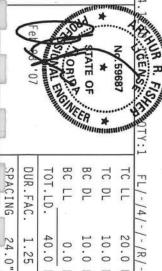
PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION FOR BOMAINGS GROAVE

ANY INSPECTION OF FACES FOLORED BY (1) SHALL BE FER ANNEX AS OF THIS DESIGN, STIFT FOR STRONG FOR THE TRUSS CONDICTIONS OF THE TRUSS CONDICTION OF THE TRUSS CONDICTION OF THE TRUSS CONDICTION. IG INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT NG DESIGNER PER ANSI/TPI 1 SEC. 2. C, BY AFRA) AND IT! ALPINE
DO (W. R/M.SS) GALY. STEEL APPLY
SIGN. POSITION PER DRAWINGS 160A-Z.
7-202 SEC.3. A SEAL ON THIS
7-202 SEC.3. THE RESPONSIBILITY OF THE

Haines City, FL 33844

Haines City, FL 33844

ALPINE



			"IIII	CH) Innui	HITTH
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T4P8228Z01	FROM JFB	SEQN- 151230	HC-ENG JB/AF	DRW HCUSR8228 07039059	DATE 02/08/07	REF R8228- 56390

Scale = .5"/Ft.

Bot Haines City, FL 33844
FI Conflicate of Authorization # 567 PLT SPECIAL LOADS chord 2x4 SP chord 2x6 SP TYP. From From From From From From ALPINE Wave DUR.FAC.
63 PLF at
63 PLF at
63 PLF at
20 PLF at Conc. Conc. Conc. Conc. Conc Conc. Conc. Conc. Conc. 1-6-0→ #2 Load at Load a Load Dense $2.5 \times 6 (A1) =$ 9.92 **IMPORTANT** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BUILDING COMPONENTS GROUP, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN CONFORMANCE UTTH THIS OF ARRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

IN CONFORMS UTTH APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRA) AND THIS DESIGN CONFORMS UTTH APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRA) AND THIS ADDITIONAL PRIOR PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRA) AND THIS CONFORMS UTTH APPLICABLE PROVISIONS OF HOS (NATIONAL DESIGN SPEC, BY AFRA) AND THIS ADDITION FOR DRAWINGS SOME SPEC, BY AFRA, AND THIS ADDITION FOR DRAWINGS SOME SPEC, BY AFRA, AND THIS ADDITION FOR DRAWINGS SOME SPEC, BY AFRA, AND THIS ADDITION FOR DRAWINGS SOME SPEC, BY AFRA, AND THIS ADDITION FOR DRAWINGS SOME SPEC, BY AFRA, AND THE APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS SOME SPEC. NORTH LEE STREET, SUITE 312, ALEXA ENTERPRISE LANE, MADISON, HI 533 OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. R = 21281.75 1.81 1.92 1.75 1.81 1.81 3.90 5.90 to to to INDICATES 1-9-0 U-464 W-3.5 63 PL 63 PL 5 PL 20 PLI 8.17 3.81, 8.17 4.96. 1.5X4 Ⅲ 4X10≡ OUBSE EXTREME CARE IN FARRICATION, HARDLING, SHIPPING, INSTALLING AND BRACING, BIG COMPONENT SERVING THE MERCHANTION), PUBLICATION FOR SHEET HERSITUTE, 218 312, ALEXANDRIA, WA. 22314) AND VICA, (MODD TRUES COUNCIL OF ARRENCA, SOO BY UI 53719) FOR SAFETY PRACTICES PRIDG TO PERFORMING THESE FUNCTIONS. UNLESS CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE Design Crit: 6.10, 1.75 8.17 11.42 0.00 9.92 11.42 .96. 4×4≡ 8.10 6.10, -9-11-0 Over 2 3×4≡ 8.10 TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0) 1.5X4 4 X 8 ≡ 6-5-0 Supports 3. A SEAL ON THIS
FOR THE TRUSS COMPONENT
HE RESPONSIBILITY OF THE 3 \ 4 == 2.5X6≡ Nailing Schedule: Top Chord: 1 Row 0 Bot Chord: 1 Row 0 Webs: 1 Row 0 In 1: 110 mph wind, 15.00 ft mean hgt, ASCE 7–02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures. Use equal spacing between rows and stagger nails in each row to avoid splitting. lieu of structural panels or rigid ceiling use @ 24" OC, BC @ 24" OC. COMPLETE 1.5X4 Ⅲ 4 X 8 ≡ .24 ф 1-9-0 2.5X6(A1) R-2227 U-409 W-3.5" CENSE (12d_Common_(0.148"x3.25",_min.)_nails)
@12.00" o.c.
@ 5.75" o.c.
@ 4" o.c. No.69687 TRUSSES 1-6-0-> * REQUIRED BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. TC LL FL/-/4/-/-/R/-40.0 10.0 PSF 20.0 24.0" 1.25 10.0 PSF 0.0 purlins to brace PSF PSF PSF REF DATE JREF -FROM SEQN-HC-ENG DRW HCUSR8228 07039060 Scale R8228-1T4P8228Z01 =.5"/Ft. JB/AF 02/08/07 151239 56391

BEARING BLOCK NAIL SPACING DETAIL

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

- CBA 1 EDGE DISTANCE AND SPACING BETWEEN STAGGERED SPACING OF NAILS IN A ROW (12 NAIL DIAMETERS) ROWS OF NAILS (6 NAIL DIAMETERS)
- END DISTANCE (15 NAIL DIAMETERS)

튁 NAIL HOLES ARE PREBORED, SOME SPACING MAY BE REDUCED BY THE AMOUNTS GIVEN BELOW:

- SPACING MAY BE REDUCED
 SPACING MAY BE REDUCED BY 50% BY 33%

VALUE (Fc-perp) IS AT LEAST THAT OF THE CHORD PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTON BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES LENGTH OF C** (12)''BLOCK SPECIFIED ON SEALED MINIMUM -24" BOTTOM MAXIMUM) AAAA DESIGN C** LINE OF DIRECTION LOAD AND NAIL ROWS B/2* A ₩*

MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

GUN	GUN	GUN	GUN	16d	12d	10d	8d	20d	16d	12d	10d	8d		
(0.131"X 3.",MIN)	(0.120"X 3.",MIN)	(0.131"X 2.5",MIN)		COMMON	12d COMMON (0.148"X 3.25", MIN)	COMMON (0.148"X 3.", MIN)	COMMON (0.131"X 2.5", MIN)	BOX (0.148"X 4.", MIN)	BOX (0.135"X 3.5", MIN)	BOX (0.128"X 3.25", MIN	BOX (0.128"X 3.",MIN)	BOX (0.113"X 2.5", MIN)	NAIL TYPE	
3	3	3	చ	MIN) 2	,MIN) 2	IN) 2	IN) 3	№	3) 3	3	ယ	2X4	54
IJ	6	QI	6	4	4	4	51	4	51	5	5	6	2X6	CHO
7	8	7	8	6	6	6	7	თ	~	7	7	9	2X8	CHORD S
10	11	10	11	8	8	8	10	6	10	10	10	12	2X10	SIZE
12	14	12	14	10	10	10	12	8	12	12	12	15	2X12	

MINIMUM NAIL SPACING DISTANCES

	SIG	DISTANCES	
NAIL TYPE	Α	₩	C**
8d BOX (0.113"X 2.5", MIN)	3/4"	1 3/8"	1 3/4"
10d BOX (0.128"X 3.",MIN)	7/8"	1 5/8"	ಬ್ಜ
12d BOX (0.128"X 3.25", MIN)	7/8"	1 5/8"	ಬ್ಬ
16d BOX (0.135"X 3.5", MIN)	7/8"	1 5/8"	2 1/8"
20d BOX (0.148"X 4.",MIN)	1"	1 7/8"	2 1/4"
8d COMMON (0.131"X 2.5", MIN)	7/8"	1 5/8"	2,
10d COMMON (0.148"X 3.", MIN)	1"	1 7/8"	2 1/4"
12d COMMON (0.148"X 3.25", MIN)	1"	1 7/8"	2 1/4"
16d COMMON (0.162"X 3.5", MIN)	1,	ಬ್ಜ	2 1/2"
GUN (0.120"X 2.5", MIN)	3/4"	1 1/2"	1 7/8"
GUN (0.131"X 2.5",MIN)	7/8"	1 5/8"	<i>ا</i> رة
GUN (0.120"X 3.",MIN)	3/4"	1 1/2"	1 7/8"
GUN (0.131"X 3.",MIN)	7/8"	1 5/8"	N ₃

EVORIO P.	ALAIE OF RE	*	No. 59687	A CENSE TO	JUR R. FIG MIS DRAI
					WING REPLACES DE
E	-	DRWG	DATE	REF	RAWING B139
NG SJE/NAN	ENIC SID /VAD	WG CNBRGBLK1106	E 11/1/06	BEARING BLOCK	DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699



***VARRING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHPPING, INSTALLING AND BRACING. REFRE TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CIRUSS PLATI INSTITUTE, 218 NORTH LEE STR., SUITE 312 ALEXANDRIA, VA. 22314) AND YICA (VOIDD TRUSS COLUNCIL I AMERICA, 6300 ENTERPRISE LN, MADISON, VI 53739 FOR SAFETY PARCITICES PRIDE TO PERFORMING THES FUNCTIONS. UNLESS OTHERVISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

***MYMDRIANT** FUNNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPRHANCE WITH TPI, OR FABRICATION, HANDLING, SHEPING, INSTALLING BRACING OF TRUSSES. DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF NOS (WATIONAL DESIGN SPEC. BY AFRA) AND TPI, ALPINE CONNECTIOR PLATES ARE MADE OF 20/18/166A WHYSEX/N ASTM AGS GRADE 40/60 (*W.K/H.SS.) ORALY. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSSTION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLIWED BY GRADE AND WAS AGGED FANCE 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 I SEC. 2.

CLB WEB BRACE SUBSTITUTION

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

NOTES:

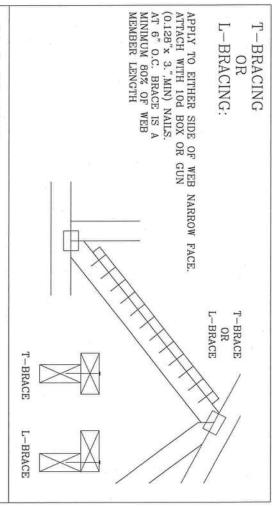
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

2X8 1	2X6 1	2X3 OR 2X4 1	WEB MEMBER SPECI
	2X6 2	2X3 OR 2X4 2	SIZE BR
ROWS	ROWS	ROWS	SPECIFIED CLB BRACING
2X6	2X4	2X4	ALTERNATION OF L-BRACE
2X6	2X6	2X6	
1-2X8	1-2X6	1-2X4	ALTERNATIVE BRACING -BRACE SCAB BRACE
2-2X6(*)	2-2X4(*)	2-2X4	

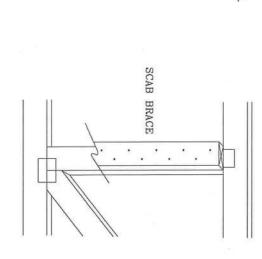
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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



SCAB BRACING:

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



DUR. FAC.	TOT. LD. PSF	BC LL PSF	BC DL P	DL	TC LL P	THIS DRAWING
	H	-	PSF DRWG	PSF DATE	PSF REF	REPLACES
		-ENG MLH/KAR	BRCLBSUB1106	11/1/06	CLB SUBST.	THIS DRAWING REPLACES DRAWING 579,640



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHPPING, INSTALLING AND BRACING, REFER TO BEST, GBULDING COMPOINENT SAFETY INFORMATION, PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 NIRTH LEE ST&, SUITE 312, ALEXANDRIA, VA 223145 AND VTCA GVOID TRUSS COUNCIL DE AMERICA, 6300 ENTERPRISE LN, MADISON, VI 537159 FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INSTALL HAVE PROPERLY ATTACHED STRUCTURAL PANKELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPRETANT FURNISH CORP OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS'S IN CORPONANCE "YITH TPL) OF FABRICATING, HANDLING, SHEPPING, INSTALLING SPEC, BRACKING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC, BY AFSPAY AND TPL, ALPIN CONNECTOR PLATES OF ADEL OF 207/87/66A (**).HSS/N/SASTH ASS) GRADE 40/60 (**).**/*/SASTH ASS) GRADE 1.0/18/166A (**).**/*/SASTH ASS) GRADE 1.0/18/166A (**).**/*/SASTH ASS) GRADE 1.0/18/166A (**).**/SASTH ASS) GRADE 1.0/18/166A (**).**/SASTH ASS GR

e.

SPACING

ASCE ~2 -02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, II 1.00, EXPOSURE 0

14' 0"

BRACING GROUP SPECIES

AND

GRADES:

GROUP

A:

14

0

#1

#3

STUD

#3

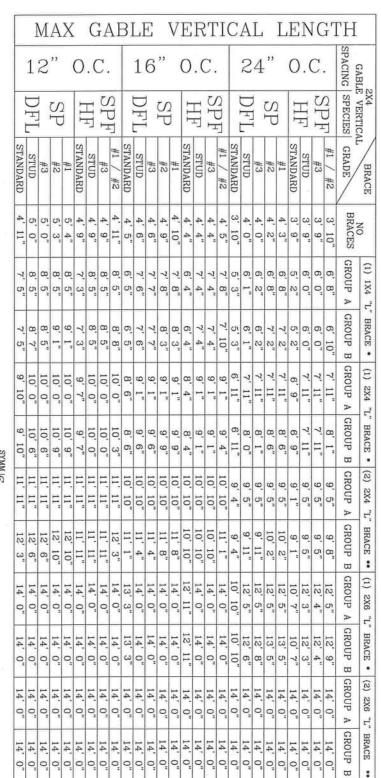
STANDARD

SPRUCE-PINE-FIR
11 / #2 STANDARD

DOUGLAS FIR-LARCH

SOUTHERN PINE

STANDARD



14 14 14 14 14

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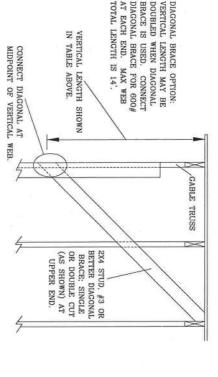
GROUP

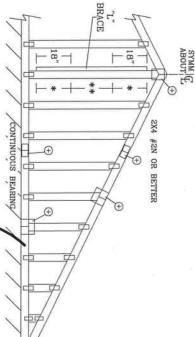
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#1 & BTR

O, 0 0

STANDARD #3





GABLE
TRUSS
DETAIL
NOTES

14' 0' 14' 0' 14' 0'

14

0

14 14 14

0

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

#2

GABLE END SUPPORTS LOAD FROM 4' 0" PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD). LIVE LOAD DEFLECTION CRITERIA IS L/240. PLYWOOD OVERHANG. OUTLOOKERS WITH 2' O" OVERHANG, OR 12" OVER

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. MEMBER LENGTH. "L" BRACING MUST BE A MINIMUM OF 80% OF WEB IN 18" END ZONES AND 6" O.C. BETWEEN ZONES SPACE NAILS AT 3" O.C. ZONES.

eb

AVARNING TRUSSES REDUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING COMPONENT SAFETY (MEDRAHOTON), PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 NURTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND VICA ("AUDOD TRUSS COLUNCIL OF AMERICA, 6300 ENTERREISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TO POURD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REFER TO CHART ABOVE FOR MAX G

BLE VERTICAL LENGTH

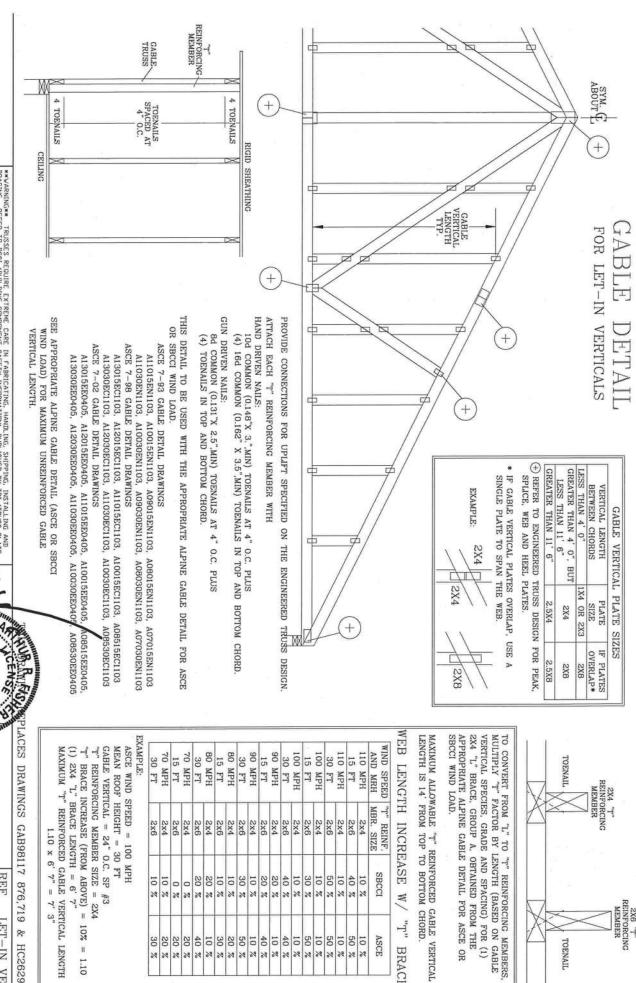
ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

ALPINE

WHENSOUTH ! STATE OF CORIOR ENGINEER MAX. MAX. TOT. SPACING ED. 24.0"

60 PSF

DRWG DATE REF A11015EE1106 11/1/06 ASCE7-02-GAB11015



MBR. "T" REINF.

W

BRACE

2X6 "T" REINFORCING MEMBER

TOENAIL

2x6 2x6 2x4 2x4

2x4 2x4 2x6 2x4 2x6 2x4 2x6

2x6 2x4 2x6 2x4 2x6 2x6

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PLACES DRAWINGS GAB98117 876,719 & HC26294035

1.10 x 6' 7" =

SP #3

		SONAL ENG	FLORIOR NE	STATE OF	No.59687	S Journal
MAX	DUR.	MAX	Milli	////m	MERTIN,	HITEL
MAX SPACING 24.0"	DUR. FAC.	TOT. LD. 60 PSF				
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24.0"	ANY	60				
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ALPINE ENGINEERED PRODUCTS, INC. POMPANO BEACH, FLORIDA

MYRDERTANI TENNISH CDPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, NO., SHALL MIT BE RESPONSIBLE FOR ANY BULLOTIAN FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFIDENANCE WITH 1917 OF FARRICATING HERD THIS DESIGN, ANY FAILURE TO BRACHOG OF TRUSSES. IN CONFIDENS WITH APPLICABLE PROPUSIDING OF MISS CANTINUM. DESIGN SPEC. BY AFRADA AND THE MISSES DIMERCINE PROFILES ARE MADE OF 2017/81/64A "VANS.VYA ASY HE MISSES GRADE OF AFRES ARE MODE OF 2017/81/64A "VANS.VYA ASY HE MISSES GRADE OF AFRES ARE MODE OF TRUSS MID WHISE STULINGED BY CHOOSED ON THIS DESIGN, POSITION PER BRACHOGS 160A—Z. ANY MORPETTION OF FLATES FOLLOWED BY CHOOSED ON THIS DESIGN, POSITION PER BRACHOGS 160A—Z. ANY MORPETTION DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABILITY FAILURE DESIGNER, PER ANSI/TOF! IS SEC. 2.

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AVARNING TRUSSES REGUIRE EXTREME CARE IN FARRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI (BUILDING COMPONENT SAFETY INFORMATION) PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NURTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WITCA (WODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIGR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TO FURDE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

ALPINE

Notice of Treatment							
Applicator: Florida Pest Control & Chemical Co. (www.flapest.com) Address: 5365F Baya Da. City Phone 386-252-1703							
Site Location: Subdivision fakewood Est. Lot # 7 Block# Permit # 257/6 Address 82 NW Symparia Gln.							
Product used	Active Ingredient	% Concentration					
□ Premise	Imidacloprid	0.1%					
Termidor	Fipronil	0.12%					
☐ Bora-Care D	isodium Octaborate Tetrahy	ydrate 23.0%					
Type treatment:							
Area Treated	Square feet Linear fee						
Perimeter	328 328	65					
As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.							
If this notice is for the final exterior treatment, initial this line							
11-20-07	0.00 100	82.B.H.					
Date	Time Print	Technician's Name					
Remarks: Completed							
Applicator - White	Permit File - Canary	Permit Holder - Pink					

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Notice of Treatment 12481						
Applicator: Florida Pest Control & Chemical Co. (www.flapest.com) Address: 53658 BAJA Ave City LAVE City Phone 752-1703						
Site Location: Subdivision 1 AKE Wood estates Lot # 7 Block# Permit # 25716 Address 182 NW Emporially						
Product used Active Ingredient % Concentration						
Premise Imidacloprid 0.1%						
☐ Termidor Fipronil 0.12%						
☐ Bora-Care Disodium Octaborate Tetrahydrate 23.0%						
Type treatment: Soil Wood Area Treated Square feet Linear feet Gallons Applied Dwelling 3000 328 270						
As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.						
If this notice is for the final exterior treatment, initial this line						
5-8-07 1:47 F298						
Date Time Print Technician's Name						
Remarks:						
Applicator - White Permit File - Canary Permit Holder - Pink						

Notice of Treatment ADD 199481							
Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)							
Address: 53686 BAYA Ave City LAKECITY Phone 752-1703							
Site Location: Subdivision M, Howbulders Lot # 7 Block# Permit # 25716 Address 182 NW CMPOSIA G/n							
Product used	Active Ingredient	% Concentration					
Premise	Imidacloprid	0.1%					
☐ <u>Termidor</u>	Fipronil	0.12%					
☐ Bora-Care	Disodium Octaborate Tetr	rahydrate 23.0%					
Type treatment: Soil							
As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.							
If this notice is for the final exterior treatment, initial this line							
7-23-117	8:03	F299					
Date		int Technician's Name					
Remarks:							
Applicator - White Permit File - Canary Permit Holder - Pink							