DATE		Imbia County B		struction	000027434
APPLICANT M	MELANIE RODER	ist be Frommently Posted	PHONE		00002/434
2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	387 SW KEMP CO	IDT	LAKE CITY	386.867.3534	FL 32024
100 mm (100 mm) (100 mm) (100 mm)	VESTFIELD CONSTRUCT		PHONE	386.867.3534	32024
	SW ROSEMAR		LAKE CITY	300.007.3334	FL 32024
CONTRACTOR	AARON SIMQUE	DRIVE	PHONE	386.867.0692	32021
LOCATION OF F		TO C-C252,TL TO C-252-I			
	Service and the restriction of the service of the s	SEMARY DR., 7TH. LOT			
TYPE DEVELOP	MENT SFD/UTILITY	Y ES	TIMATED COST OF CO	NSTRUCTION	179950.00
HEATED FLOOF	R AREA 2793.00	TOTAL AR	EA3599.00	HEIGHT 27	.60 STORIES 2
FOUNDATION	CONC	ALLS FRAMED I	ROOF PITCH 9'12	FLC	OOR CONC
LAND USE & ZO	ONING PRD		MAX	HEIGHT 35	5
Minimum Set Bac	ck Requirments: STRE	EET-FRONT 25.00	REAR	15.00	SIDE
NO. EX.D.U.	0 FLOOD ZO	NE XPP	DEVELOPMENT PERM	MIT NO.	£
PARCEL ID 0	3-4S-16-02731-110	SUBDIVISIO	ON PRESERVE @ LA	UREL LAKE	
LOT 110 B	BLOCK PHAS	E UNIT _	1 TOTA	L ACRES0.3	6
000001682		RB29003130	Molas	in Pal	THE SHARE STREET, SHARE STREET,
Culvert Permit No	. Culvert Waiver	Contractor's License Nu		Applicant/Owner/O	Contractor
WAIVER	X-08-344	BLK	Н	D	N
Driveway Connec	tion Septic Tank Nun	nber LU & Zoni	ing checked by App	roved for Issuance	e New Resident
COMMENTS: E	ELEVATION CONFIRMA	TION LETTER REQUIRED	O @ SLAB. MFE @ 116.6	0'	
NOC ON FILE					
				Check # or Ca	ish 4333
	FOR	BUILDING & ZONII	NG DEPARTMENT	ONLY	(footer/Slab)
Temporary Power		Foundation		Monolithic	(100tc1/31ab)
	date/app. by		date/app. by		date/app. by
Under slab rough-	in plumbing	Slab		Sheathing/N	Nailing
Framing	da	te/app. by	date/app. by		date/app. by
				. 6	Secretary of the Secretary Secretary
	date/app. by	Kougn-in plumbing a	bove slab and below wood	I floor	date/app. by
Electrical rough-i	1.70				and a financiar of the company of th
Electrical rough-	in .	Heat & Air Duct		l floor Peri. beam (Lintel	and a financiar of the company of th
Permanent power	date/app. by	Heat & Air Duct C.O. Final	date/app. by		date/app. by
Permanent power	date/app. by	Heat & Air Duct C.O. Final	date/app. by	Peri. beam (Lintel	date/app. by
Permanent power	date/app. by	Heat & Air Duct C.O. Final abing date/ap	date/app. by	Peri. beam (Lintel  Culvert  Pool	date/app. by  date/app. by  date/app. by
Permanent power M/H tie downs, ble	date/app. by	C.O. Final  date/ap  Pump pole  date	date/app. by date/app. by	Peri. beam (Lintel  Culvert  Pool  date/app. by	date/app. by  date/app. by  date/app. by
Permanent power  M/H tie downs, ble  Reconnection  M/H Pole	date/app. by  date/app. by  ocking, electricity and plun	Heat & Air Duct  C.O. Final  date/ap  Pump pole  Travel Trailer	date/app. by  date/app. by  pp. by  Utility Po	Peri. beam (Lintel  Culvert  Pool	date/app. by  date/app. by  date/app. by
Permanent power  M/H tie downs, ble  Reconnection  M/H Pole  date/s	date/app. by  date/app. by  ocking, electricity and plun  date/app. by	Heat & Air Duct  C.O. Final  date/ap  Pump pole  Travel Trailer	date/app. by  date/app. by  pp. by  Utility Pole/app. by  date/app. by	Peri. beam (Lintel  Culvert  Pool  date/app. by	date/app. by  date/app. by  date/app. by  date/app. by
Permanent power  M/H tie downs, ble  Reconnection  M/H Pole  date/s	date/app. by  date/app. by  ocking, electricity and plun  date/app. by  app. by  MIT FEE \$ 900.00	Heat & Air Duct  C.O. Final  date/ap  Pump pole  date  Travel Trailer  CERTIFICATION FE	date/app. by  date/app. by  pp. by  Utility Pole/app. by  date/app. by  EE \$18.00	Peri. beam (Lintel  Culvert  Pool  date/app. by Re-roof  SURCHARGE	date/app. by  date/app. by  date/app. by  date/app. by  date/app. by
Permanent power  M/H tie downs, ble Reconnection  M/H Pole  date/s  BUILDING PERM  MISC. FEES \$	date/app. by  date/app. by  ocking, electricity and plun  date/app. by  app. by  MIT FEE \$ 900.00	Heat & Air Duct  C.O. Final  date/ap  Pump pole  Travel Trailer  CERTIFICATION FE	date/app. by  date/app. by  Utility Pole/app. by  date/app. by  EE \$18.00  D FIRE FEE \$0.00	Peri. beam (Lintel  Culvert  Pool  date/app. by Re-roof  SURCHARGE  WASTI	date/app. by  date/app. by  date/app. by  date/app. by  date/app. by  FEE \$ 18.00
Permanent power  M/H tie downs, ble  Reconnection  M/H Pole  date/s	date/app. by  date/app. by  ocking, electricity and plun  date/app. by  app. by  MIT FEE \$ 900.00  0.00 ZON  PMENT FEE \$	Heat & Air Duct  C.O. Final  date/ap  Pump pole  date  Travel Trailer  CERTIFICATION FE	date/app. by  date/app. by  Utility Pole/app. by  date/app. by  EE \$18.00  D FIRE FEE \$0.00	Peri. beam (Lintel  Culvert  Pool  date/app. by Re-roof  SURCHARGE  WASTE	date/app. by  date/app. by  date/app. by  date/app. by  date/app. by  FEE \$ 18.00

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Permi	t Number:	
Tax F	olio Number:	
	of: <b>Florida</b> y of: <b>Columb</b>	oia .
File N	umber:	Inst 200812019095 Date 10/17/2008 Time 3:02 PM  DC P DeWitt Cason Columbia County Page 1 of 1 B:1160 P:1784
NOT	ICE OF C	COMMENCEMENT
The ur Chapte	ndersigned her er 713, Florida	eby gives notice that improvement will be made to certain real property, and, in accordance with Statutes, the following information is provided in this Notice of Commencement.
1.	Description	of Property:
	Lot 110, PRI Plat Book 9,	ESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Pages 18-25 of the public records of Columbia Count, Florida.
2.	General Des	cription of Improvements: Single Family Home
3.	City,	mation: ne and Address: Westfield Construction Group, LLC, P.O. 426 SW Commerce Drive STE 130, Lake p. FL 32025 nest in property: Fee Simple
	c. Nam	es and address of fee simple title holder (if other than owner):
4.	Contractor:	Aaron Simque Homes P.O. Box 2183 Lake City, FL 32056
5.	Surety:	NONE
6.	Lender:	Capital City Bank, 3760 NW 83rd Street, Suite 2, Gainesville, Florida 32606
7.	Persons with provided by S	in the State of Florida designated by Owner upon whom notices or other documents may be served as Section 713.13(1) (a)7., Florida Statutes.
8.	In addition to provided in S	himself, Owner designates the following persons to receive a copy of the Lienor's Notice as section 713.13(1)(b), Florida Statutes.
9.	Expiration da different date	ate of Notice of Commencement (the expiration date is 1 year from date of recording unless a is specified): .
10	DOX 49	and return to:  Construction Group LLC Westfield Construction Group, LLC  6 SW Commerce dr Ste 130  BY: Aaron Nickelson  ITS: Manager
Sworn	to and subscrib	ped before me by Aaron Nickelson as the of Westfield Construction Group, LLC, personally known

to me or who did provide as identification.

Notary Public
My Commission Expires: 10-17-08

Notary Public State of Florida Chad Stewart My Commission DD416261 Expires 06/25/2009

## **Columbia County Building Permit Application**

For Office Use Only Application # 08/0-25 Date Received 19/13 By Permit # 2743 4/16	280
Zoning Official Date 17.10.08 Flood Zone FEMA Map # N/A Zoning PRD	
Land Use Res. Land Use Research Office Management Management Management Date 10 - 15	5.08
Comments Elevation Confirmation Letter Regular at Ship	
□NOC LEH L Deed or PA L Site Plan □ State Road Info □ Parent Parcel #	-
□ Dev Permit # □ In Floodway □ Letter of Authorization from Contractor	
□ Unincorporated area □ Incorporated area □ Town of Fort White □ Town of Fort White Compliance letter	
Septic Permit No. <u>X-08-349</u> Fax <u>752-2282</u>	
Name Authorized Person Signing Permit Melanie Roder Phone 386-623-7829	
Address 387 5W Kemp Court, Lake City, FL 32024	-
Owners Name Westfield. Construction group LLC Phone 386-867-3534	
911 Address HTI SW Rosemary dr. Lake City FL 32024	
Contractors Name Aaron Singue Homes Phone 386-867-0692	<u> </u>
Address P.O.B 2695 Lake City, FL 32056	
Fee Simple Owner Name & Address	
Bonding Co. Name & Address	
Architect/Engineer Name & Address Will Myers / Nick Geister	1
Mortgage Lenders Name & Address Capital City Bank	
Circle the correct power company — FL Power & Light — Clay Elec. — Suwannee Valley Elec. — Progress Ene	ergy
Property ID Number 03-45-16-02731-110 Estimated Cost of Construction 230,000	<u> </u>
Subdivision Name Preserve at Laurel Lake Lot 110 Block Unit   Phase	
Driving Directions 90W Th on CR 252B, TR into Preserve at Laure	1 Lat
(SW Rosemary dr) 7th 10t on right.	
Number of Existing Dwellings on Property	
Construction of SFD- New construction Total Acreage 36 Lot Size	
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 29'-	1"
Actual Distance of Structure from Property Lines - Front 260 Side 26 Side 26 Rear 42	6
Number of Stories 2 Heated Floor Area 2,793 Total Floor Area 3,599 Roof Pitch 9-1	2
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or	

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

Page 1 of 2 (Both Pages must be submitted together.)

Revised 11-30-07

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

<u>YOU ARE HEREBY NOTIFIED</u> as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be

done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit FLORIDA Linda R. Roder Commission #DD755608 Expires: MAR 24, 2012 BONDED THRU ATLANTIC BONDING CO. INC. **Owners Signature** CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit. Contractor's License Number RB 2900 3 / 30 Contractor's Signature (Permitee) Columbia County Competency Card Number Affirmed under penalty of perjury to by the Contractor and subscribed before me this 8 day of 04 Personally known or Produced Identification\_ NOTARY PUBLIC-STATE OF FLORIDA SEAL: Linda R. Roder State of Florida Notary Signature (For the Contractor) Commission #DD755608 Expires: MAR. 24, 2012

BONDED THRU ATLANTIC BONDING CO., INC.

Inst. Number: 200812015612 Book: 1157 Page: 43 Date: 8/21/2008 Time: 1:00:00 PM Page 1 of 2

Rec. 16.50 Doc. 410.30 Consid 59,350°

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID POST OFFICE BOX 1328 LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID POST OFFICE BOX 1328 LAKE CITY, FL 32056-1328

File No. 08-245

Property Appraiser's Identification Number

Inst:200812015612 Date:9/21/2008 Time:1:00 PM
Doc Stamp-Deed:419.30
DC,P.DeWitt Cason,Columbia County Page 1 of 2 8:1157 P:43

#### WARRANTY DEED

This Warranty Deed, made this 20th day of August, 2008, BETWEEN RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, whose post office address is Post Office Box 3659, Lake City, FL 32056-3659, of the County of Columbia, State of Florida, grantor\*, and WESTFIELD CONSTRUCTION GROUP, LLC, a Florida Limited Liability Company, whose document number assigned by the Secretary of State of Florida is Limited and whose Federal Tax I.D. Number is 130, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee\*.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 110, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia County, Florida.

\*N.B.: THE PURPOSE OF INCLUDING THE DOCUMENT NUMBER AND THE FEDERAL TAX I.D. NUMBER OF THIS GRANTEE IS TO AVOID CONFUSION BETWEEN THIS GRANTEE AND ANY OTHER LIMITED LIABILITY COMPANY OF THE SAME OR SIMILAR NAME.

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

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

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the loik, gas and

REVIEWED

FIELD COPY

COMPLIANCE

other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

RESIDENTIAL DEVELOPMENT GROUP,

(SEAL)

(SEAL)

LLC

Terry McDavid Signature of

(Typed Name of First Witness)

(Signature of Second Witness)

Lisa C. Ogburn Name of Second Witness)

Grantor

By: DANIEL CRAPPS Managing Member

Grantor

CHARLES S SPARKS Managing Member

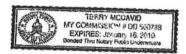
STATE OF Florida COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 20th day of August, 2008, by DANIEL CRAPPS and CHARLES S. SPARKS, as Managing Members of RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, who are personally known to me and who did not take an oath.

My Commission Expires:

Notary Public

Printed, typed, or stamped name:



#### Notice of Authorization

I, Aaron Simque, do hereby authorize Melanie Roder or Linda Roder,
To be my representative and act on my behalf in all aspects of applying for a
Building permit to be located in Columbia County.
Contractor's signature  10 - 08 - 08  Date
Sworn and subscribed before me this 8 day of Oct , 2008
NOTARY PUBLIC-STATE OF FLORIDA Linda R. Roder Commission # DD755608 Expires: MAR. 24, 2012 BONDED THRU ATLANTIC BONDING CO., INC.
Personally known Produced ID (Type):

Inst. Number: 200812015612 Book: 1157 Page: 43 Date: 8/21/2008 Time: 1:00:00 PM Page 1 of 2

Rec. 16.50 Doc. 410.30 Consid 59,350°

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID POST OFFICE BOX 1328 LAKE CITY, FL 32056-1328

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(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

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\*N.B.: THE PURPOSE OF INCLUDING THE DOCUMENT NUMBER AND THE FEDERAL TAX I.D. NUMBER OF THIS GRANTEE IS TO AVOID CONFUSION BETWEEN THIS GRANTEE AND ANY OTHER LIMITED LIABILITY COMPANY OF THE SAME OR SIMILAR NAME.

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

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

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and

other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

RESIDENTIAL DEVELOPMENT GROUP, LLC

DZ

(Signature of First Withess)
Terry McDavid

. .

(Typed Name of First Witness)

30m C On Room

(Signature of Second Witness)
Lisa C. Ogburn
(Typed Name of Second Witness)

Grantor
By: DANIEL CRAPPS,
Managing Member

(SEAL)

(SEAL)

Grantor

Y: CHARLES S. SPARKS, Managing Member

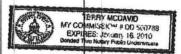
STATE OF Florida COUNTY OF Columbia

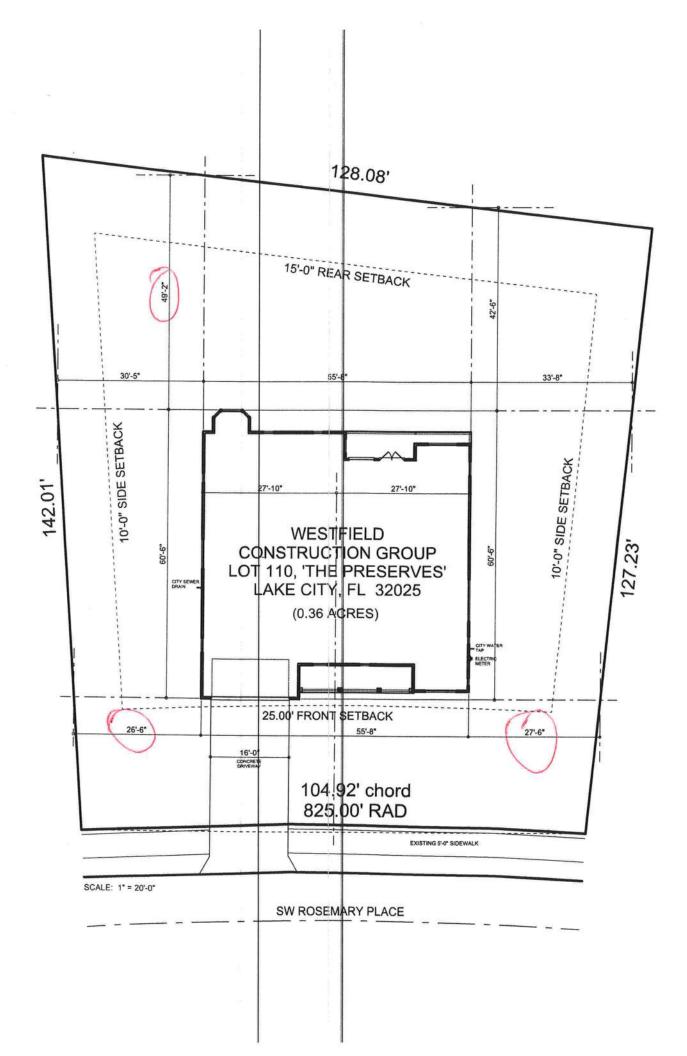
The foregoing instrument was acknowledged before me this 20th day of August, 2008, by DANIEL CRAPPS and CHARLES S. SPARKS, as Managing Members of RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, who are personally known to me and who did not take an oath.

My Commission Expires:

Notary Public

Printed, typed, or stamped name:





# FLORIDA ENERGY EFFICIENCY CODE

Florida Department of Community Affairs Residential Whole Building D

			intial vyhole Bulldi	1.5	mance Method /	A
Project Address City, Sta Owner: Climate	s: ate:		t LLC - Preserves Mode he Preserves, Plat: . 32025-		Builder: Permitting Office: Permit Number: Jurisdiction Number:	Aaron Simque Homes
2. Sing 3. Num 4. Num 5. Is thi 6. Conc 7. Glas: a. U-far (or S b. SHG (or S b. N/A c. N/A 9. Wall a. Fram b. Fram c. N/A d. N/A e. N/A 10. Ceilin a. Unde b. N/A c. N/A	ber of Bedro is a worst cas ditioned floor s type I and a ctor: Single or Dot C: Clear or Tint r types On-Grade Ec  types e, Wood, Exi e, Wood, Ad  ng types r Attic	multi-family if multi-family oms se? rarea (ft²) rea: (Label reqd. by able DEFAULT) 7a DEFAULT) 7b dge Insulation	New Single family 1 4 4 1 4 1 4 1 1 4 1 1 1 1 1 1 1 1 1	(HR-Hea DHP-De 15. HVAC c (CF-Ceil HF-Who PT-Prog MZ-C-N	Unit systems Heat Pump er systems Resistance ation credits t recovery, Solar edicated heat pump)	Cap: 59.0 kBtu/hr SEER: 13.00  Cap: 59.0 kBtu/hr HSPF: 7.70  Cap: 80.0 gallons EF: 0.90  PT,  PT,
	Glas	s/Floor Area: 0	.17 Total as-built p	200gg (100m) 150mm (100m) 150m(100m) 150m)	$D \cap C$	3
this calcu Code. PREPA DATE: I hereby c with the F	RED BY: certify that to lorida Ener	n compliance with	cifications covered by the Florida Energy	specification calculation with the Flo Before cons this building compliance Florida Stat	ne plans and his covered by this indicates compliance rida Energy Code. Struction is completed will be inspected for with Section 553.908 utes.	

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCPB \$4.5.2)

# SUMMER CALCULATIONS

# Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE		AC DUU T
		AS-BUILT
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	Type/SC C	Overhang Ornt Len Hgt Area X SPM X SOF = Point
.18 2818.0 18.59 9430.0	1.Double, Clear	N 3.8 11.0 42.0 19.20 0.89 720
	2.Double, Clear	N 7.2 11.0 80.0 19.20 0.78 1201
	3.Double, Clear	W 4.5 11.0 15.0 38.52 0.79 458
	4.Double, Clear	N 1.5 11.0 20.0 19.20 0.99 378
	5.Double, Clear	NW 1.5 9.0 6.7 25.97 0.97 168
	6.Double, Clear	N 1.5 9.0 16.0 19.20 0.98 299
	7.Double, Clear	NE 1.5 9.0 6.7 29.56 0.97 191
	8.Double, Clear	E 1.5 9.0 6.0 42.06 0.97 244
	9.Double, Clear	E 1.5 9.0 30.0 42.06 0.97 1223
	10.Double, Clear 11.Double, Clear	S 6.8 9.0 15.0 35.87 0.56 302
	12.Double, Clear	S 6.8 9.0 6.0 35.87 0.56 121. S 6.8 9.0 13.3 35.87 0.56 269
	13.Double, Clear	200
	14.Double, Clear	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	15.Double, Clear	S 1.5 11.0 15.0 35.87 0.97 523. S 1.5 11.0 5.6 35.87 0.97 194.
	16.Double, Clear	S 1.5 11.0 8.0 35.87 0.97 194.
	17.Double, Clear	W 1.5 11.0 21.0 38.52 0.99 797.
	18.Double, Clear	W 1.5 11.0 84.0 38.52 0.99 3190.
	19.Double, Clear	S 1.5 8.0 30.0 35.87 0.92 993.
	20.Double, Clear	S 1.5 8.0 16.7 35.87 0.92 552.
	21.Double, Clear	S 1.5 8.0 18.0 35.87 0.92 596.
	As-Built Total:	471.6 13279.
WALL TYPES Area X BSPM = Points	Туре	R-Value Area X SPM = Points
Adjacent 286.0 0.70 200.2	1. Frame, Wood, Exterior	13.0 1778.4 1.50 2667.
Exterior 1778.4 1.70 3023.3	2. Frame, Wood, Adjacent	13.0 286.0 0.60 171.
Base Total: 2064.4 3223.5	As-Built Total:	2064.4 2839.
DOOR TYPES Area X BSPM = Points	Туре	Area X SPM = Points
Adjacent 20.0 2.40 48.0	1.Exterior Insulated	20.0 4.10 82.
Exterior 20.0 6.10 122.0	2.Adjacent Insulated	20.0 1.60 32.
The second secon	and the second state of t	
Base Total: 40.0 170.0	As-Built Total:	40.0 114.
CEILING TYPES Area X BSPM = Points	Туре	R-Value Area X SPM X SCM = Points
Under Attic 2818.0 1.73 4875.1	1. Under Attic	30.0 2900.0 1.73 X 1.00 5017.0
Base Total: 2818.0 4875.1	As-Built Total:	2900.0 5017.

# SUMMER CALCULATIONS

# Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025- PERMIT #:

	BASE				AS-BU	ILT			
FLOOR TYPES	Area X E	BSPM = Points	Туре		R-Valu	e Area	X SPM	=	Points
Slab Raised	242.0(p) 0.0	-37.0 -8954.0 0.00 0.0	1. Slab-On-G	rade Edge Insulat	ion 5.0	242.0(p	-36.20		-8760.4
Base Total:		-8954.0	As-Built To	al:		242.0			-8760.4
INFILTRATION	Area X E	BSPM = Points				Area	X SPM	=	Points
	2818.0	10.21 28771.8				2818.0	10.21		28771.8
Summer Bas	se Points:	37516.4	Summe	r As-Built P	oints:			41	260.6
Total Summer Points	X System Multiplier	= Cooling Points	Total Compone (System -			System X ultiplier	Credit Multiplier		Cooling Points
37516.4	0.3250	12192.8	(sys 1: Central 41261 <b>41260.</b>	1.00 (1	ER/EFF(13.0) Ducts:U 09 x 1.000 x 1.00) <b>1.090</b>		Gar(AH),R6.0(II 0.950 <b>0.950</b>	1	1108.6 <b>108.6</b>

# WINTER CALCULATIONS

# Residential Whole Building Performance Method A - Details

ADDRESS: Lot:, Sub: The Preserves, Plat:, Lake City, FL, 32025-

PERMIT #:

BASE		AS-BUILT
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area	Type/S¢	Overhang Ornt Len Hgt Area X WPM X WOF = Poin
.18 2818.0 20.17 10231.0	1.Double, Clear	N 3.8 11.0 42.0 24.58 1.01 1037.
	2.Double, Clear	N 7.2 11.0 80.0 24.58 1.01 1991.
	3.Double, Clear	W 4.5 11.0 15.0 20.73 1.06 330.
	4.Double, Clear	N 1.5 11.0 20.0 24.58 1.00 491.
	5.Double, Clear	NW 1.5 9.0 6.7 24.30 1.00 162.
	6.Double, Clear	N 1.5 9.0 16.0 24.58 1.00 393.
	7.Double, Clear 8.Double, Clear	NE 1.5 9.0 6.7 23.57 1.00 157. E 1.5 9.0 6.0 18.79 1.02 114.
	9.Double, Clear	E 1.5 9.0 30.0 18.79 1.02 174.
	10.Double, Clear	S 6.8 9.0 15.0 13.30 2.29 456.
	11.Double, Clear	S 6.8 9.0 6.0 13.30 2.29 182.
	12.Double, Clear	S 6.8 9.0 13.3 13.30 2.29 405.
	13.Double, Clear	S 1.5 11.0 16.7 13.30 1.00 222.
	14.Double, Clear	S 1.5 11.0 15.0 13.30 1.00 200.
	15.Double, Clear	S 1.5 11.0 5.6 13.30 1.00 74.
	16.Double, Clear	S 1.5 11.0 8.0 13.30 1.00 106.
	17.Double, Clear	W 1.5 11.0 21.0 20.73 1.00 437.
	18.Double, Clear	W 1.5 11.0 84.0 20.73 1.00 1748.
	19.Double, Clear	S 1.5 8.0 30.0 13.30 1.04 415.
	20.Double, Clear	S 1.5 8.0 16.7 13.30 1.04 230.
	21.Double, Clear	S 1.5 8.0 18.0 13.30 1.04 249.
	As-Built Total:	471.6 9971.
WALL TYPES Area X BWPM = Points	Туре	R-Value Area X WPM = Points
Adjacent 286.0 3.60 1029.6	1. Frame, Wood, Exterior	13.0 1778.4 3.40 6046.
Exterior 1778.4 3.70 6580.1	2. Frame, Wood, Adjacent	13.0 286.0 3.30 943.
Base Total: 2064.4 7609.7	As-Built Total:	2064.4 6990.
DOOR TYPES Area X BWPM = Points	Туре	Area X WPM = Points
Adjacent 20.0 11.50 230.0	1.Exterior Insulated	20.0 8.40 168.
Exterior 20.0 12.30 246.0	2.Adjacent Insulated	20.0 8.00 160.
Base Total: 40.0 476.0	As-Built Total:	40.0 328.
CEILING TYPES Area X BWPM = Points	Туре	R-Value Area X WPM X WCM = Points
Under Attic 2818.0 2.05 5776.9	1. Under Attic	30.0 2900.0 2.05 X 1.00 5945.
Base Total: 2818.0 5776.9	As-Built Total;	2900.0 5945.

# WINTER CALCULATIONS

# Residential Whole Building Performance Method A - Details

ADDRESS: Lot:, Sub: The Preserves, Plat:, Lake City, FL, 32025-PERMIT #:

	BASE							AS-BU	JILT				
FLOOR TYPES	S Area X E	BWPM =	Points	Туре				R-Valu	ie Ar	ea X	WPM	=	Points
Slab Raised	242.0(p) 0.0	8.9 0.00	2153.8 0.0	1. Slab-On-G	rade	Edge Insu	ılati	on 5.0	242.0(p		7.60		1839.2
Base Total:			2153.8	As-Built To	al:				242.0				1839.2
INFILTRATION	I Area X E	BWPM =	Points						Are	аХ	WPM	=	Points
	2818.0	-0.59	-1662.6						281	8.0	-0.59		-1662.6
Winter Base	Points:	24	1584.8	Winter /	\s-I	Built P	oi	nts:				23	410.9
Total Winter X Points	System : Multiplier		ing pints	Total Compone (System -		Ratio	X (D	12/12/10/2017	System Iultiplier		Credit Iultiplier		leating Points
24584.8	0.5540	13	620.0	(sys 1: Elect 23410.9 <b>23410.</b>		1.000 <b>1.00</b>		00 btuh ,EFF(7.7) 1.069 x 1.000 x 1.0 1.069			Jnc(R),Gar 0.950 <b>0.950</b>	10	R6.0 0528.9 <b>528.9</b>

# WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot:, Sub: The Preserves, Plat:, Lake City, FL, 32025-

PERMIT #:

				-	S-BUI	LT						
WATER HEAT Number of Bedrooms	TING X	Multiplier	=	Total	Tank Volume	EF	Number Bedroor	of X	Tank X Ratio	Multiplier	X Credit Multiplie	Total
4		2635.00		10540.0	80.0	0.90 tal:	4		1.00	2693.56	1.00	0774. <b>0774.</b>

			ŭ)	CODE	C	OMPLI	ANCE	S	<b>TATUS</b>	3			
		BAS	SE							AS	-BUILT		
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
12193		13620		10540		36353	11109		10529		10774		32412



# Code Compliance Checklist Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025- PERMIT #:

# 6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; 5 cfm/sq.ft. door area.	CHECK
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 & cellings; 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 petween 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 cir breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	CHECK
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.	1
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

Tested sealed ducts must be certified in this house.

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

# ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.5

The higher the score, the more efficient the home.

	Model I	Home, Lot: , Sub: The	Pre	serves	s, Plat:	, Lake City, FL, 32025-		
1.	New construction or existing	New	- 1					
2.	Single family or multi-family	. Single family	_		Cooling Central		TO A LEGIC OF THE SECRET WERE ASSESSMENT OF THE SECRET	
3.	Number of units, if multi-family	. Single failing	$\dashv$	a.	Central	Unit	Cap: 59.0 kBtu/hr	_
4.	Number of Bedrooms	4	$\dashv$	h	N/A	11	SEER: 13.00	_
5.	Is this a worst case?	No	$\vdash$	U.	NA			_
6.	Conditioned floor area (ft2)	2818 ft²	-	c	N/A		-	_
7.	Glass type 1 and area: (Label reqd. b.	y 13-104.4.5 if not default)		٠.	10.11		(3	-
a.	U-factor:	Description Area		13.	Heating	systems	·=	_
	(or Single or Double DEFAULT)	7a. (Dble Default) 471.6 ft²	- 1			Heat Pump	Cap: 59.0 kBtu/hr	
b.	SHGC:	(2010 Dokum) 171.0 It			zicouro	Trout I ump	and the second s	-
	(or Clear or Tint DEFAULT)	7b. (Clear) 471.6 ft <sup>2</sup>		b.	N/A		HSPF: 7.70 _	
8.	Floor types	(0.000) 171.0 10					-	-
a.	Slab-On-Grade Edge Insulation	R=5.0, 242.0(p) ft		c.	N/A			
	N/A						-	-
	N/A			14.	Hot wate	r systems	~	-
	Wall types					Resistance	Cap: 80.0 gallons	
	Frame, Wood, Exterior	R=13.0, 1778.4 ft2					EF: 0.90	-
	Frame, Wood, Adjacent	R=13.0, 286.0 ft <sup>2</sup>		b.	N/A		27.0.50	_
	N/A						-	-
	N/A			c.	Conserva	tion credits	-	-
	N/A				(HR-Hea	recovery, Solar	-	-
	Ceiling types				DHP-De	dicated heat pump)		
	Under Attic	R=30.0, 2900.0 ft <sup>2</sup>	_	15.	HVAC c		PT,	
	N/A		_		(CF-Ceil	ng fan, CV-Cross ventilation,		_
	N/A		_		HF-Who	e house fan,		
	Ducts(Leak Free)				PT-Prog	ammable Thermostat,		
	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 55.0 ft	_		MZ-C-M	ultizone cooling,		
b. 1	N/A		-		MZ-H-M	fultizone heating)		
20 10								
I cert	tify that this home has complied	with the Florida Energy	Effi	ciency	Code Fo	r Building	THE CO	
Cons	truction through the above ener	gy saving features which	ı wi l	be inst	talled (o	r exceeded)	OF THE STATE	
in thi	s home before final inspection.	Otherwise, a new EPL [	Displa	y Caro	will be	completed	[\$\(\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
based	d on installed Code compliant fe	eatures.					S Marie S	À
Build	ler Signature:		Date	):			B B	
Addr	ess of New Home:		City	/FL Zip	·			
			1		-		OD WE TR	
TNO:	TE: The home's estimated energ	y performance score is	only	availat	ole throu	gh the FLA/RES compute	r program.	
This	is not a Building Energy Rating	, If your score is 80 or g	reale	er (or 8	6 for a	US EPA/DOE EnergyStar	<sup>IM</sup> designation),	
vour	home may qualify for energy ef	ficiency mortgage (EEM	() inc	entives	if you o	btain a Florida Energy G	auge Rating.	
Conte	act the Energy Gauge Hotline a	it 321/638-1492 or see th	he En	ergy G	auge w	b site at www.fsec.ucf.edu	u for	
infori	mation and a list of certified Ra	ters. For information ab	out F	lorida	's Energ	v Efficiency Code For Bu	ilding	

Construction, contact the Department of Community Affairs at 850/487-1824.

1 Predominant glass type: For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCPB 4.5.2)

# **Energy Code Compliance**

# **Duct System Performance Report**

Project Name Address: City, State: Owner: Climate Zone	Lake City, FL 32 Model Home	C - Preserves Model	Center	Pern	der: Aaron Simque Homes nitting Office: nit Number: diction Number:
	II Duct System				
Line	System	Duct Leakage			Duct Leakage to Outdoors
1	System1		cfm25(	ot)	cfm25(out)
2	System2		cfm25(t		cfm25(out)
3	System3		cfm25(t		cfm25(out)
4	System4		cfm25(t	ot)	cfm25(out)
5	Total House Duct System Leakage		onditioned Floor A		Sum lines 1-4  Divide by  (Total Conditioned Floor Area)
		Receive credit	(Q <sub>n</sub> ,	tot)	=(Q <sub>n</sub> ,out)  Receive credit if Q <sub>n</sub> ,out≤ 0.03  AND Q <sub>n</sub> ,tot≤ 0.09
results demons Code requirem Florida Building for leak free du  Signature: Printed Nan Florida Rate	that the above duct teststrate compliance with the tests in accordance with greats in accordance with greats and the tests in accordance with great tests in accordance with great tests in accordance with great tests in accordance with the tests in	the Florida Energy h Section 610.1.A.1, ne, Chapter 13	testing to consystems be Florida Energy Rate Class 1 rate http://energy	nfirm perfor gy Ga er. Ce rs car gaug	code requires that leak free duct rmed by a Class 1 auge Certified rtified Florida in be found at: e.com/search.htp

# **New Construction Subterranean Termite Soil Treatment Record**

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

Section 1: General Information (Treating Company Information)  Company Name: Appar Pest Control, Inc. Company Address: P.O. Box 1735 Company Business License No. 18108478 Company Phone No. (if any)  Section 2: Builder Information  Company Name: West ield Construction (Treating Company Phone No. 1807 - 3534  Section 3: Property Information  Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip)  Type of Construction (More than one box may be checked) Slab Basement Crawl Other Approximate Depth of Footing: Outside  Section 4: Treatment Information  Date(s) of Treatment(s) 10/29/08  Brand Name of Product(s) Used Brand Name o	This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterrane termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.
Company Name: Aspest Control, Inc. Company Address: P.O. Box 1795	All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.
Company Address: Company Business License No.  FHAVA Case No. (if any)  Section 2: Builder Information  Company Name: Westried Construction Company Phone No.  Section 3: Property Information  Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip)  Type of Construction (More than one box may be checked)  Section 4: Treatment Information  Date(s) of Treatment(s)  Date(s) Used Biten XTS	Section 1: General Information (Treating Company Information)
Section 2: Builder Information  Company Name: Westfield Construction Company Phone No. 867-3534  Section 3: Property Information  Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 471 5W Rosemary 1.  The Reserves Course Late Late Late 1.  Type of Construction (More than one box may be checked) Slab Basement Crawl Other Approximate Depth of Footing: Outside Inside Type of Fill Sand  Section 4: Treatment Information  Date(s) of Treatment(s) 10/29/08  Brand Name of Product(s) Used Biten XTS	
Company Name: Westfield Construction Company Phone No. 867-3534  Section 3: Property Information  Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 471 SW Rosemary 1.  The freserves Company Dr. Lake City, FL 32024  Type of Construction (More than one box may be checked) Slab Basement Crawl Other Type of Fill Sand  Section 4: Treatment Information  Date(s) of Treatment(s) 10/29/08  Brand Name of Product(s) Used Biten XTS	
Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 47/ SW Rosemary Dr. The Reserves C Laure Lake Lake City, FL 32024  Type of Construction (More than one box may be checked) Slab Basement Crawl Other Approximate Depth of Footing: Outside Inside Type of Fill  Section 4: Treatment Information  Date(s) of Treatment(s) Used Biten X75	
Type of Construction (More than one box may be checked) Slab Basement Crawl Other Approximate Depth of Footing: Outside Inside Type of Fill Sand  Section 4: Treatment Information  Date(s) of Treatment(s) 10/29/08  Brand Name of Product(s) Used Biten X75	Section 3: Property Information
Date(s) of Treatment(s) 10/29/08  Brand Name of Product(s) Used Biten X75	Type of Construction (More than one box may be checked) Slab Basement Crawl Other
Brand Name of Product(s) Used Differ A / O	
Approximate Final Mix Solution % # 06 79	EPA Registration No. 23883 - 189  Approximate Final Mix Solution %
Approximate Size of Treatment Area: Sq. ft. 2599 Linear ft. Linear ft. of Masonry Voids	Approximate Size of Treatment Area: Sq. ft
Was treatment completed on exterior?  Yes No Service Agreement Available?  Yes No Note: Some state laws require service agreements to be issued. This form does not preempt state law.	Service Agreement Available? Yes No
Attachments (List)	Attachments (List)
Comments	Comments
Name of Applicator(s) S. Gregory Certification No. (if required by State law)	Name of Applicator(s) S. Gregory Certification No. (if required by State law)
The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.  Authorized Signature  Date 10/29/08	federal regulations.

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)





**ENGINEERING & TESTING LABORATORY** 

P.O. Box 1625, Lake City, FL 32056-1625 4784 Rosselle St. • Jacksonville, FL 32254 2230 Greensboro Hwy., Quincy, FL 32351 Lake City • (386) 755-3633

Fax • (386) 752-5456

Jacksonville • (904) 381-8901

Fax • (904) 381-8902

Quincy • (850) 442-3495

Fax • (850) 442-4008

JOB NO.: 08-529 DATE TESTED: 10-21-08

# REPORT OF IN-PLACE DENSITY TEST

**ASTM METHOD:** (D-2922) Nuclear \_\_\_\_\_(D-2937) Drive Cylinder Other \_ EARTHWORK CONTRACTOR:\_ Sac GENERAL CONTRACTOR: Footing Specification REQUIREMENTS: 9593 SOIL USE (SEE NOTE): TECHNICIAN: Ho MODIFIED (ASTM D-1557): STANDARD (ASTM D-698): TEST DEPTH TEST TEST PROCTOR ELEV. WET DENS. DRY DENS MOIST LOCATION NO. LIFT LBS.CU.FT. LBS.CU.FT. PERCENT REMARKS: PROCTOR NO. SOIL DESCRIPTION OPT. MOIST. **PROCTOR VALUE** 

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test location and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.



# **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 03-4S-16-02731-110

Building permit No. 000027434

Use Classification SFD/UTILITY

Fire: 77.00

Permit Holder AARON SIMQUE

Owner of Building WESTFIELD CONSTRUCTION GROUP

Waste: 201.00

Total: 278.00

Self of the self o

Location: 471 SW ROSEMARY DRIVE., LAKE CITY, FL

Date: 10/23/2009

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)



426 SW COMMERCE DRIVE STE 130, LAKE CITY, FL 32025

I. Aaron Simque hereby certify that Aaron Nickelson is authorized to pick up permits and certificates of occupancy on my behalf.

Sign on the 23rd Day of October, 2009

Aaron Simque / President

P.O. Box 1501 Lake City, Florida 32056

April 20, 2009

Aaron Simque Homes PO Box 2183 Lake City, FL 32056

Subject: Lot 110 Preserve at Laurel Lakes Elevation Letter

Dear Mr. Simque:

We have performed a vertical survey on Lot 110, Preserve at Laurel Lakes, Columbia County, Florida from a benchmark being a 60d nail at the common lot line between Lots 8 & 9 (elevation – 116.12', NGVD 1929) and have determined the following:

- The Subdivision plat requires the minimum finish floor elevation to be 116.6'.
- The finish floor elevation of the residence is at 117.1', being 0.5 feet above the minimum finish floor requirement.

If you have any questions, please call me.

Sincerely,

Scott Daniel, PSM

# Residential System Sizing Calculation

Summary Project Title:

Model Home

Lake City, FL 32025-

Venture Point LLC - Preserves Model Center

Code Only

Professional Version

Climate: North

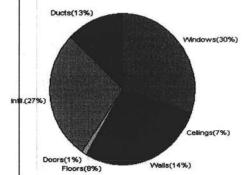
9/22/2008

					UILLILUU	
Location for weather data: Gaines	ville - Defa	aults: Latif	ude(29) Altitu	de(152 ft.) Temp Ran	ge(M)	
Humidity data: Interior RH (50%)	Outdoor	wet bulb (	77F) Humidity	difference(54gr.)		
Winter design temperature	33			sign temperature	92	F
Winter setpoint	70	F	Summer set	point	75	F
Winter temperature difference	37	F	Summer ten	perature difference	17	F
Total heating load calculation	49873	Btuh	Total coolin	g load calculation	61602	Btuh
	% of calc	Btuh	Submitted co	ooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.3	59000	Sensible (	SHR = 0.75)	91.6	44250
Heat Pump + Auxiliary(0.0kW)	118.3	59000	Latent	10 180	110.9	14750
,			Total (Ele	ctric Heat Pump)	95.8	59000

# WINTER CALCULATIONS

Winter Heating Load (for 2818 sqft)

Load component			Load	
Window total	472	sqft	15180	Btuh
Wall total	2064	sqft	6780	Btut
Door total	40	sqft	518	Btul
Ceiling total	2900	sqft	3417	Btul
Floor total	242	sqft	3958	Btul
Infiltration	338	cfm	13698	Btul
Duct loss			6323	Btul
Subtotal			49873	Btul
Ventilation	0	cfm	0	Btul
TOTAL HEAT LOSS			49873	Btul



Summer Cooling Load (for 2818 sqft)

Load component			Load	
Window total	472	sqft	22047	Btuh
Wall total	2064	sqft	4141	Btuh
Door total	40	sqft	392	Btuh
Ceiling total	2900	sqft	4803	Btut
Floor total			0	Btuh
Infiltration	296	cfm	5507	Btuh
Internal gain			4240	Btuh
Duct gain			7178	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			48307	Btuh
Latent gain(ducts)			882	Btuh
Latent gain(infiltration)	10813	Btuh		
Latent gain(ventilation)	0	Btuh		
Latent gain(internal/occ	1600	Btuh		
Total latent gain	13295	Btuh		
TOTAL HEAT GAIN			61602	Btuh

BUILD SUMMER CALCULATIONS Received Latent Internal(3%) Int.Gain(7%) Infil.(26%) Ceilings(8%) Walls(7%) Doors(1%)

For Florida residences only

EnergyGauge® System Sizing PREPARED BY: DATE:

# System Sizing Calculations - Winter

# Residential Load - Whole House Component Details

Model Home

Project Title:

Venture Point LLC - Preserves Model Center

Code Only

Professional Version

Climate: North

Lake City, FL 32025-.

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

9/22/2008

Window	Panes/SHGC/Frame/U	Orientatio	n Area(sqft)	X HTM=	Load
1	2, Clear, Metal, 0.87	N	42.0	32.2	1352 Bt
	2, Clear, Metal, 0.87	N	80.0	32.2	2575 Bi
2 3	2, Clear, Metal, 0.87	w	15.0	32.2	483 B
4	2, Clear, Metal, 0.87	N	20.0	32.2	644 B
	2, Clear, Metal, 0.87	NW	6.7	32.2	215 B
6	2, Clear, Metal, 0.87	N	16.0	32.2	515 B
5 6 7	2, Clear, Metal, 0.87	NE	6.7	32.2	215 B
8	2, Clear, Metal, 0.87	144 (145)	6.0	32.2	193 B
9	2, Clear, Metal, 0.87	EESSS	30.0	32.2	966 B
10	2, Clear, Metal, 0.87	6	15.0	32.2	483 B
11	2, Clear, Metal, 0.87	8	6.0	32.2	193 B
12	2, Clear, Metal, 0.87	S	13.3	32.2	429 B
13	2, Clear, Metal, 0.87	s	16.7	32.2	537 B
14	2, Clear, Metal, 0.87	s	15.0	32.2	483 B
15	2, Clear, Metal, 0.87	s	5.6	32.2	179 B
16	2, Clear, Metal, 0.87	s	8.0	32.2	258 B
17	2, Clear, Metal, 0.87	w	21.0	32.2	676 B
18	2, Clear, Metal, 0.87	w	84.0	32.2	2704 B
19	2, Clear, Metal, 0.87	s	30.0	32.2	966 B
20	2, Clear, Metal, 0.87	s	16.7	32.2	537 B
21	2, Clear, Metal, 0.87	S	18.0	32.2	579 B
2-1	Window Total		472(s	1000000	15180 B
Walls	Туре	R-Value			Load
1	Frame - Wood - Ext(0.09)	13.0	1778	3.3	5840 B
2	Frame - Wood - Adj(0.09)	13.0	286	3.3	939 B
	Wall Total		2064	37/37	6780 B
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 B
2	Insulated - Adjacent		20	12.9	259 B
	Door Total		40		518B
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2900	1.2	3417 B
	Ceiling Total		2900		3417B
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	242.0	ft(p) 16.4	3958 B
	Floor Total		242		3958 B
			Envelo	ppe Subtotal:	29852 B
Infiltration	Туре	ACH X	Volume(cuft) wa	alls(sqft) CFM=	
	Natural	0.80	25362 2	064 338.2	13698 B

# **Manual J Winter Calculations**

Residential Load - Component Details (continued)

Model Home

Lake City, FL 32025-

Project Title: Venture Point LLC - Preserves Model Center

Code Only

Professional Version

Climate: North

9/22/2008

All Zones	Sensible Subtota	All Zones 49873 Btuh
HOLE HOUSE TOTALS		
	Subtotal Sensible Ventilation Sensible Total Btuh Loss	49873 Btuh 0 Btuh 49873 Btuh
EQUIPMENT		
Electric Heat Pump	#	59000 Btuh

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

(Frame types - metal, wood or insulated metal) (U - Window U-Factor or 'DEF' for default) (HTM - ManualJ Heat Transfer Multiplier)

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



Version 8 For Florida residences only

# System Sizing Calculations - Winter

# 

Model Home

Code Only

Professional Version

Climate: North

Lake City, FL 32025-

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

9/22/2008

omponent L	oads for Zone #1: Main				
Window	Panes/SHGC/Frame/U	Orientatio	n Area(sqft)	X HTM=	Load
1	2, Clear, Metal, 0.87	N	42.0	32.2	1352 Bt
2	2, Clear, Metal, 0.87	N	80.0	32.2	2575 Bt
3	2, Clear, Metal, 0.87	W	15.0	32.2	483 Bt
4 5 6 7	2, Clear, Metal, 0.87	N	20.0	32.2	644 Bt
5	2, Clear, Metal, 0.87	NW	6.7	32.2	215 Bt
6	2, Clear, Metal, 0.87	N	16.0	32.2	515 Bt
	2, Clear, Metal, 0.87	NE	6.7	32.2	215 Bt
8	2, Clear, Metal, 0.87	E	6.0	32.2	193 Bt
9	2, Clear, Metal, 0.87	Е	30.0	32.2	966 B
10	2, Clear, Metal, 0.87	S	15.0	32.2	483 B
11	2, Clear, Metal, 0.87	s	6.0	32.2	193 Bi
12	2, Clear, Metal, 0.87	s	13.3	32.2	429 B
13	2, Clear, Metal, 0.87	s	16.7	32.2	537 Bt
14	2, Clear, Metal, 0.87	5555	15.0	32.2	483 B
15	2, Clear, Metal, 0.87	S	5.6	32.2	179 Bi
16	2, Clear, Metal, 0.87	s	8.0	32.2	258 B
17	2, Clear, Metal, 0.87	w	21.0	32.2	676 B
18	2, Clear, Metal, 0.87	w	84.0	32.2	2704 B
19	2, Clear, Metal, 0.87	S	30.0	32.2	966 B
	1 2 2				
20	2, Clear, Metal, 0.87	S S	16.7	32.2	537 B
21	2, Clear, Metal, 0.87	5	18.0	32.2	579 Bt
Walls	Window Total	R-Value	472(s	HTM=	15180 Bt Load
	Type				
1	Frame - Wood - Ext(0.09)	13.0	1778	3.3	5840 B
2	Frame - Wood - Adj(0.09) Wall Total	13.0	286 2064	3.3	939 Bt 6780 Bt
Doors	Туре	1	Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Bt
2	Insulated - Adjacent		20	12.9	259 Bi
	Door Total		40	5-70.25	518Bf
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2900	1.2	3417 Bt
	Ceiling Total	1.000,000,000	2900		3417Bt
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	242.01		3958 Bt
	Floor Total		242	(F)	3958 Bt
			Zone Envelo	pe Subtotal:	29852 Bt
nfiltration	Type Natural	ACH X \ 0.80	/olume(cuft) wa 25362 20	lls(sqft) CFM= 64 338.2	13698 Bt
Ductload	Pro. leak free, Supply(R6.0-	Attic), Retu	n(R6.0-Attic)	(DLM of 0.145)	6323 Bt

# **Manual J Winter Calculations**

Residential Load - Component Details (continued)

Project Title:

Venture Point LLC - Preserves Model Center

Cod
Project Title:

October 1970

Model Home

Lake City, FL 32025-

1. Electric Heat Pump

Code Only

Professional Version

Climate: North

9/22/2008

Ventilation Sensible 0 Btu	Zone #1	Sensible Zo	ne Subtotal	49873 Btuh
Ventilation Sensible 0 Btu	HOLE HOUSE TOTALS			
		Ventilation Sensible		49873 Btuh 0 Btuh 49873 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 )



59000 Btuh

Version 8 For Florida residences only

# System Sizing Calculations - Summer

# Residential Load - Whole House Component Details

Model Home

Project Title:

Code Only Professional Version

Climate: North

Lake City, FL 32025-

Venture Point LLC - Preserves Model Center

9/22/2008

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 17.0 F

Component	Loads f	or Who	ole H	ouse
	CONTRACTOR OF STATE			and the second

Componei	nt Loads for Whole Hol	use									
	Type*		Over	hang	Win	dow Area	(sqft)	ŀ	нтм	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross		Education 1977	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	N	3.83	11ft.	42.0	0.0	42.0	29	29	1216	Btuh
2	2, Clear, 0.87, None,N,N	N	7.16	11ft.	80.0	0.0	80.0	29	29	2317	Btuh
3	2, Clear, 0.87, None,N,N	W	4.5ft	11ft.	15.0	0.0	15.0	29	80	1193	Btuh
4	2, Clear, 0.87, None, N, N	N	1.5ft	11ft.	20.0	0.0	20.0	29	29	579	Btuh
5	2, Clear, 0.87, None, N, N	NW	1.5ft	9ft.	6.7	0.0	6.7	29	60	400	Btuh
5 6 7	2, Clear, 0.87, None, N, N	N	1.5ft	9ft.	16.0	0.0	16.0	29	29	463	Btuh
7	2, Clear, 0.87, None, N, N	NE	1.5ft	9ft.	6.7	0.0	6.7	29	60	400	Btuh
8	2, Clear, 0.87, None, N, N	E	1.5ft	9ft.	6.0	0.0	6.0	29	80	477	Btuh
9	2, Clear, 0.87, None, N, N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385	Btuh
10	2, Clear, 0.87, None, N, N	S	6.83	9ft.	15.0	15.0	0.0	29	34	434	Btuh
11	2, Clear, 0.87, None, N, N	S	6.83	9ft.	6.0	6.0	0.0	29	34	174	Btuh
12	2, Clear, 0.87, None, N, N	S	6.83	9ft.	13.3	13.3	0.0	29	34	386	Btuh
13	2, Clear, 0.87, None, N, N	S	1.5ft	11ft.	16.7	11.7	5.0	29	34	506	Btuh
14	2, Clear, 0.87, None, N, N	S	1.5ft	11ft.	15.0	10.5	4.5	29	34	455	Btuh
15	2, Clear, 0.87, None, N, N	S	1.5ft	11ft.	5.6	0.6	5.0	29	34	184	Btuh
16	2, Clear, 0.87, None, N, N	S	1.5ft	11ft.	8.0	3.5	4.5	29	34	253	Btuh
17	2, Clear, 0.87, None, N, N	W	1.5ft	11ft.	21.0	0.0	21.0	29	80	1670	Btuh
18	2, Clear, 0.87, None, N, N	W	1.5ft	11ft.	84.0	0.0	84.0	29	80	6679	Btuh
19	2, Clear, 0.87, None, N, N	S	1.5ft	8ft.	30.0	30.0	0.0	29	34	869	Btuh
20	2, Clear, 0.87, None, N, N	S	1.5ft	8ft.	16.7	16.7	0.0	29	34	483	Btuh
21	2, Clear, 0.87, None, N, N	S	1.5ft	8ft.	18.0	18.0	0.0	29	34	521	Btuh
	Window Total	- E	1.010		472 (					22047	Btuh
\A/-II-			DV	alue/U-			eaft)		НТМ	Load	
Walls	Туре		K-V								D4 - 1-
1	Frame - Wood - Ext			13.0/0		177			2.1	3709	Btuh
2	Frame - Wood - Adj			13.0/0	09	286			1.5		Btuh
	Wall Total						4 (sqft)			4141	Btun
Doors	Type					Area	sqft)		HTM	Load	
1	Insulated - Exterior					20	0		9.8	196	Btuh
2	Insulated - Adjacent					20	0		9.8	196	Btuh
-	Door Total						0 (sqft)			392	Btuh
0-111			DV	alua	-				НТМ	Load	
Ceilings	Type/Color/Surface		K-V	alue		Area(					
1	Vented Attic/DarkShingle			30.0		290	- 121/2000 Lancard		1.7		Btuh
	Ceiling Total					290	0 (sqft)			4803	Btuh
Floors	Туре		R-V	alue		Siz	e		HTM	Load	
	Slab On Grade			5.0			2 (ft(p))		0.0	0	Btuh
1				5.0					0.0		Btuh
	Floor Total		exales =			242.	0 (sqft)				Dian
						Er	velope	Subtots	al·	31382	Btuh
nfiltration	2.1		1	ACH	Volun	ne(cuft) v		a(sqft)	CFM=	Load	Divit
	SensibleNatural			0.70	-	25362	2064		338.2	5507	Btuh
Internal			Occu	pants		Btuh/oc			Appliance	Load	<b>.</b> .
gain				8		X 23	-		2400	4240	
						Se	nsible l	Envelop	e Load:	41129	Btuh
Duct load							(DG	M of 0.	175)	7178	Btuh
						Ser	sible L	oad All	Zones	48307	Btuh
			Ene	ravGau	PR FI	RCPB v4.5	2				

EnergyGauge® FLRCPB v4.5.2

Page 1

# **Manual J Summer Calculations**

Residential Load - Component Details (continued)

Model Home

Project Title:

Lake City, FL 32025-

Venture Point LLC - Preserves Model Center

Code Only

Professional Version

Climate: North

9/22/2008

WHOLE HOUSE TOTALS					
	Sancible Envelope I	and All <b>7</b> ama			
	Sensible Envelope L	oad All Zones		41129	100000000000000000000000000000000000000
	Sensible Duct Load			7178	Btuh
	Total Sensible Z	one Loads		48307	Btuh
	Sensible ventilation			0	Btuh
	Blower			0	Btuh
Whole House	Total sensible g	ain		48307	Btuh
Totals for Cooling	Latent infiltration gain	(for 54 gr. hun	nidity difference)	10813	Btuh
	Latent ventilation gain		E P	0	Btuh
	Latent duct gain			882	Btuh
	Latent occupant gain	8 people @ 2	00 Btuh per person)	1600	Btuh
	Latent other gain		N 4000	0	Btuh
	Latent total gain			13295	Btuh
	TOTAL GAIN			61602	Btuh

EQUIPMENT		
1. Central Unit	#	59000 Btuh

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

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)

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

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

(Ornt - compass orientation)



Version 8 For Florida residences only

# System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Model Home

Venture Point LLC - Preserves Model Center

Code Only

Professional Version

Climate: North

Lake City, FL 32025-

Summer Temperature Difference: 17.0 F

9/22/2008

## Component Loads for Zone #1: Main

Reference City: Gainesville (Defaults)

	Timat		0	4	140	d A					
Mindow	Type*	4	250	rhang		dow Area		The second second	HTM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded L					
1 2	2, Clear, 0.87, None,N,N	N	3.83	11ft.	42.0	0.0	42.0	29	29	1216	Btuh
3	2, Clear, 0.87, None,N,N	N	7.16	11ft.	80.0	0.0	80.0	29	29	2317	Btul
4	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N	W	4.5ft	11ft.	15.0	0.0	15.0	29	80	1193	Btuh
5		N	1.5ft	11ft.	20.0	0.0	20.0	29	29	579	Btuh
5 6	2, Clear, 0.87, None,N,N	NW	1.5ft	9ft.	6.7	0.0	6.7	29	60	400	Btul
7	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	16.0	0.0	16.0	29	29	463	Btul
8	2, Clear, 0.87, None,N,N	NE	1.5ft	9ft.	6.7	0.0	6.7	29	60	400	Btuh
9	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	6.0	0.0	6.0	29	80	477	Btul
10	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385	Btul
11		S	6.83	9ft.	15.0	15.0	0.0	29	34	434	Btul
12	2, Clear, 0.87, None,N,N	S	6.83	9ft.	6.0	6.0	0.0	29	34	174	Btul
	2, Clear, 0.87, None,N,N	S	6.83	9ft.	13.3	13.3	0.0	29	34	386	Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	16.7	11.7	5.0	29	34	506	Btuh
14	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	15.0	10.5	4.5	29	34	455	Btuh
15	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	5.6	0.6	5.0	29	34	184	Btuh
16	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	8.0	3.5	4.5	29	34	253	Btuh
17	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	21.0	0.0	21.0	29	80	1670	Btuh
18	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	84.0	0.0	84.0	29	80	6679	Btuh
19	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	29	34	869	Btuh
20	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	16.7	16.7	0.0	29	34	483	Btuh
21	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	18.0	18.0	0.0	29	34	521	Btuh
	Window Total				472 (	sqft)				22047	Btuh
Walls	Туре		R-Va	alue/U-	Value	Area(s	qft)		HTM	Load	
1	Frame - Wood - Ext			13.0/0	.09	1778			2.1	3709	Btuh
2	Frame - Wood - Adj			13.0/0		286.			1.5	432	Btuh
	Wall Total				15		(sqft)			4141	
Doors	Туре				-	Area (			нтм	Load	Dia
							171 (2)				1220000000
1 2	Insulated - Exterior					20.0			9.8	196	Btuh
2	Insulated - Adjacent					20.0			9.8		Btuh
	Door Total						(sqft)			392	Btuh
Ceilings	Type/Color/Surface		R-Va	alue		Area(s	qft)		HTM	Load	
1	Vented Attic/DarkShingle			30.0		2900	0		1.7	4803	Btuh
225	Ceiling Total						(sqft)			4803	
Floors			R-Va	duo	-	Size			LITA		Diui
	Туре		K-VS			13,000,000			HTM	Load	
1	Slab On Grade			5.0			(ft(p))		0.0	0	Btuh
	Floor Total					242.0	(sqft)			0 1	Btuh
						Zor	ne Enve	lope Su	ibtotal:	31382	Btuh
filtration	Туре		Α	СН	Volume	e(cuft) w	all area	(saft)	CFM=	Load	
	SensibleNatural			0.70		25362	2064	\- <b>-</b> - •/	295.9		Btuh
nternal		(	Occup	ants		Btuh/occ		F	ppliance	Load	
gain				8		X 230	+	550	2400		Btul
							nsible E	nvelope		41129	
uct load	Prop. leak free, Supply(I	R6.0-A1	tic). F	Return	R6 0-4	Attic)		DGM o	f 0.175)	7178	
10000	,,, (·					,					
							Sensible Zone Load			48307 E	stun

# **Manual J Summer Calculations**

Residential Load - Component Details (continued)

Project Title:

Venture Point LLC Preserves Model Center

Property Continued

Model Home

Lake City, FL 32025-

Code Only

Professional Version

Climate: North

9/22/2008

EnergyGauge® FLRCPB v4.5.2

# **Manual J Summer Calculations**

Residential Load - Component Details (continued)

Model Home

Lake City, FL 32025-

Venture Point LLC | Preserves Model Center

Code Only

Professional Version

Climate: North

9/22/2008

#### WHOLE HOUSE TOTALS

		No. of the State o	MARKEN
	Sensible Envelope Load All Zones	41129	
	Sensible Duct Load  Total Sensible Zone Loads	48307	Btuh Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	48307	Btuh
<b>Totals for Cooling</b>	Latent infiltration gair (for 54 gr. humidity difference)	10813	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	882	Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600	Btuh
	Latent other gain	0	Btuh
	Latent total gain	13295	Btuh
	TOTAL GAIN	61602	Btuh

4.0			T
Central Unit	#		59000 Btuh

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

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

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

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value) (BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



Version 8 For Florida residences only

# **Residential Window Diversity**

# Mid\$ummer

Model Home

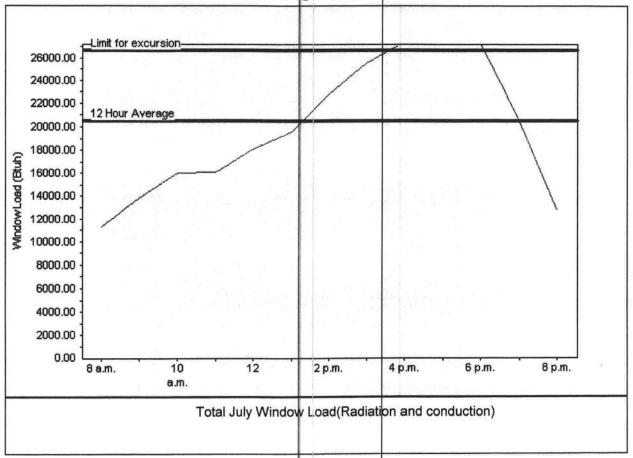
Lake City, FL 32025-

Project Title: Venture Point LLC - Preserves Model Center Code Only Professional Version Climate: North

9/22/2008

Weather data for: Gainesville - Defa	ults			
Summer design temperature	92	<b>†</b>	Average window load for July	20491 Btu
Summer setpoint	75	ŧ	Peak window load for July	27564 Btu
Summer temperature difference	17	F	Excusion limit(130% of Ave.)	26638 Btu
Latitude	29	North	Window excursion (July)	926 Btuh

# WINDOW Average and Peak Loads



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

EnergyGauge® System Sizing for Florida residences only
PREPARED BY:
DATE:

Award is

EnergyGauge® FLRCPB v4.5.2

Lot 110 treserve at Lawel Late

# PRODUCT APPROVAL SPECIFICATION SHEET

# Location:

44 Mind things /chalco

# **Project Name:**

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s
A. EXTERIOR DOORS		*	
1. Swinging	Markir	Entry Doors	FL 1311
2. Sliding	1.100	3	
3. Sectional			
4. Roll up	General American	Grana ge door	FL 2868
5. Automatic		0	
6. Other			
B. WINDOWS		Aur.,	
Single hung	Danvid	Single hung windows	FL 1369
2. Horizontal Slider		- 3 3	
3. Casement		8	
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	James Haidie	hardiboard Siding	FL 889-R1
2. Soffits	Ashley	Pluminum	FL 406
3. EIFS	J		
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other		TY BUILDING	
D. ROOFING PRODUCTS		Received (C)	
Asphalt Shingles	Tamko	30-yearshingles - asphalts	FL 673
2. Underlayments		E FILE COPY &	
3. Roofing Fasteners		CA Code	4
4. Non-structural Metal Rf		Compliance	1
5. Built-Up Roofing		PLANS EXAM	
6. Modified Bitumen		The second second	
7. Single Ply Roofing Sys			
8. Roofing Tiles	1		
Roofing Insulation			
10. Waterproofing			
10. Waterproofing			

ory/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s
13. Liquid Applied Roof Sys	4.		
14. Cements-Adhesives -			(2)
Coatings		*	
15. Roof Tile Adhesive			
16. Spray Applied			
Polyurethane Roof			
17. Other			
SHUTTERS			
1. Accordion		<u> </u>	
2. Bahama			
3. Storm Panels		<u> </u>	
4. Colonial			
5. Roll-up	1.		
6. Equipment			
7. Others			N.
SKYLIGHTS			
1. Skylight			
2. Other		1	
. STRUCTURAL			
COMPONENTS		1.	
Wood connector/ancho	or		
Truss plates			
Indiss places     Engineered lumber	-		
Railing     Coolers-freezers	<del></del>		
	-		
6. Concrete Admixtures	<del></del>		
7. Material			
8. Insulation Forms	-		
9. Plastics			
10. Deck-Roof			
11. Wall			*
12. Sheds			
13. Other			
H. NEW EXTERIOR			
ENVELOPE PRODUCTS			
1.			•
2.			
The products listed below time of inspection of these	products, the	strate product approval at plan re following information must be av the performance characteristic e applicable manufacturers insta	s which the product was tes
and certified to comply with I understand these produc	cts may have to	be removed if approval cannot be	pe demonstrated during inspe
1 / /		20.1	. 0 1
Molanis Rody	rized Agent Signatur		ie Roder 10-08-08

# VENTEREE

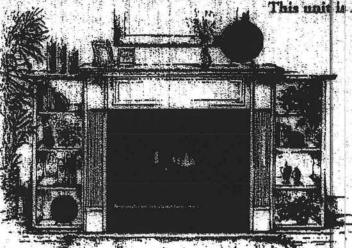
This unit is A.G.A. certified as a heater with 99% heat efficiency

No chimney or flue system required

Wide selection of factory installed options offered

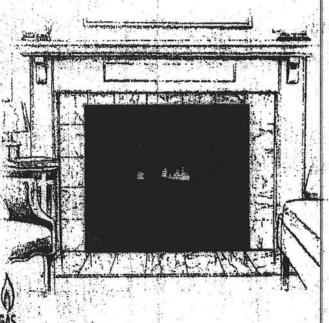
# VF-4000

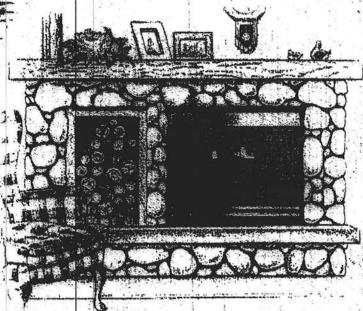
- 14,000 25,000 Bru/hr with manual control valve
- 19,500 25,000 Btu/hr with millivolt control valve
- . Fully assembled and ready to install
- Artractive wood surrounds available
- 15" x 30" fixed or operable screen opening



# VF-5000

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





# VF-6000

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



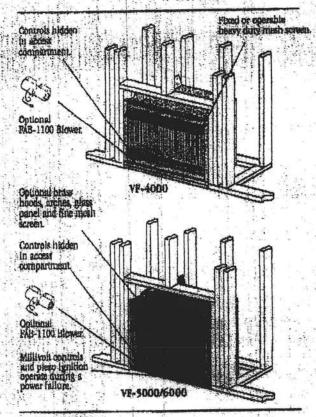
14 MADE: 5003 10 . HEM

CC1+ 8C

: .UN KH+

FROM : LAKE CITY INDUSTRIES

# VE-1000/5000/6000



## SURROUNDS

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





Distributed by:



Refractory ten brick panels

Gas Dex lines kit.



Square briss trim in



Brass Louver Kit (For VF-4 only)







Glass door left. (For VF-5 & VP6 only

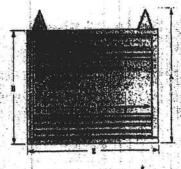


optional wireless remote available (For VF-4MV, VF-5 & VF-6



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

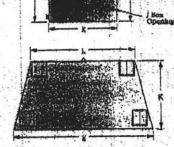




Left Side View



Top View



## **Vent-Free Product Dimensions**

V#-4000/5000C	VP-6000C
READ TO THE REAL PROPERTY.	32.1/8"
B 31-1/2	36-5/8"
	20°
等。2014年2月30年3月1日	34"
	WALL TO
	5-1/2"
图 19 图 图 19 19 19 19 19 19 19 19 19 19 19 19 19	3-3/4"
	8-1/2
	<b>3"</b>
TO THE PART OF THE	(19.1/2·
£ 27°	28-1/2"

### Btu Chart

Model	Namiral	Propane
V9-4000 smanal	14,000 - 25,000	14,000 - 25,000
V2-1000/3000 millivok	19,500 - 25,000	19,500 - 25,000
		25,000 - 32,000

# Framing Dimension

Model	Width	Height	Depth
V#-4000/5000	37"	37-1/4"	15-1/2"
VB-6000	41"	42-8/8	19-1/2"
			-

NOTE Diagrams and illustrations are not to scale. Product designs, manerate, dimensions, specifications, colors and prices subject to change or discontinuation without notice. Bulls to ANSI 221.11.2 standard and approved by A.G.A. (report # 12970017).

Consult your distributor for local fireplace code information.



Sandagos

www.LenhoxNearthProducts.com

Printed in U.S.A. © 2001 Learnow Historia Products • 1110 West Taft Ave., Orange, CA 92865-4150 Learnow Hearth Products Direct Vent Sensor special gas appliances include a 20-year lamined warrance.

# ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 0 278 Florida Certificate of Product Approval # FL1999 Page 1 of 1 Document ID:1TL28228Z0119092319

Truss Fabricator: Anderson Truss Company Job Identification: 8-231--Fill in later -- , \*\*

Truss Count: 67

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.36, 8.03.
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

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1

2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.

3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Seal Date: 09/19/2008

-Truss Design Engineer-Doug Fleming Florida License Number: 66648 1950 Marley Drive Haines City, FL 33844

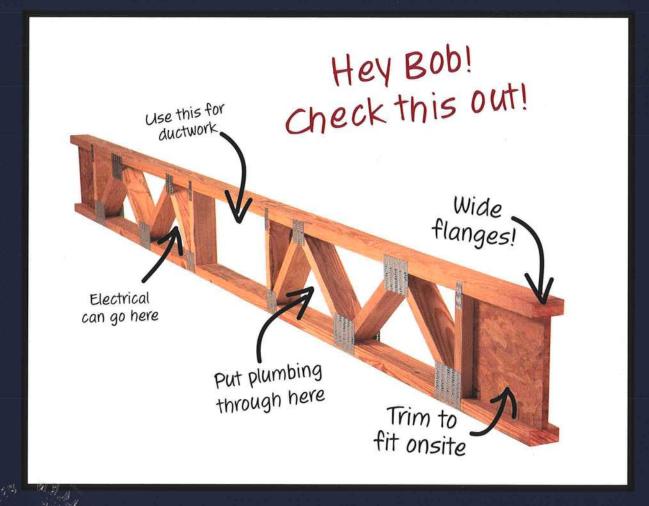
Details: BRCLBSUB-PIGBACKA-PIGBACKB-A11030EE-GBLLETIN-TCFILLER-BCFILLER-REPBCFIL-A11015EE-

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17       93286EJ53       08263027       09/19/0         18       93287CJ3       08263028       09/19/0         19       93288HJ7       08263017       09/19/0         20       93289CJ5       08263029       09/19/0         21       93290EJ7       08263030       09/19/0         22       93291J3       08263031       09/19/0         23       93292J1       08263032       09/19/0         24       93293EJ71       08263033       09/19/0         25       93294F       08263044       09/19/0         26       93295F1       08263062       09/19/0         27       93296F2       08263034       09/19/0         28       93297F3       08263035       09/19/0         29       93298PB14       08263063       09/19/0         30       93299M1       08263064       09/19/0				08263025	09/19/08	
18       93287 - CJ3       08263028       09/19/0         19       93288 - HJ7       08263017       09/19/0         20       93289 - CJ5       08263029       09/19/0         21       93290 - EJ7       08263030       09/19/0         22       93291 - J3       08263031       09/19/0         23       93292 - J1       08263032       09/19/0         24       93293 - EJ71       08263033       09/19/0         25       93294 - F       08263044       09/19/0         26       93295 - F1       08263062       09/19/0         27       93296 - F2       08263034       09/19/0         28       93297 - F3       08263035       09/19/0         29       93298 - PB14       08263063       09/19/0         30       93299 - M1       08263064       09/19/0				08263026	09/19/08	
19       93288-HJ7       08263017       09/19/0         20       93289-CJ5       08263029       09/19/0         21       93290-EJ7       08263030       09/19/0         22       93291-J3       08263031       09/19/0         23       93292-J1       08263032       09/19/0         24       93293-EJ71       08263033       09/19/0         25       93294-F       08263044       09/19/0         26       93295-F1       08263062       09/19/0         27       93296-F2       08263034       09/19/0         28       93297-F3       08263035       09/19/0         29       93298-PB14       08263063       09/19/0         30       93299-M1       08263064       09/19/0				08263027	09/19/08	
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22   93291 - J3   08263031   09/19/0   23   93292 - J1   08263032   09/19/0   24   93293 - EJ71   08263033   09/19/0   25   93294 - F   08263044   09/19/0   26   93295 - F1   08263062   09/19/0   27   93296 - F2   08263034   09/19/0   28   93297 - F3   08263035   09/19/0   29   93298 - PB14   08263063   09/19/0   30   93299 - M1   08263064   09/19/0					09/19/08	
23   93292J1   08263032   09/19/0 24   93293EJ71   08263033   09/19/0 25   93294F   08263044   09/19/0 26   93295F1   08263062   09/19/0 27   93296F2   08263034   09/19/0 28   93297F3   08263035   09/19/0 29   93298PB14   08263063   09/19/0 30   93299M1   08263064   09/19/0					09/19/08	
24     93293 - EJ71     08263033     09/19/0       25     93294 - F     08263044     09/19/0       26     93295 - F1     08263062     09/19/0       27     93296 - F2     08263034     09/19/0       28     93297 - F3     08263035     09/19/0       29     93298 - PB14     08263063     09/19/0       30     93299 - M1     08263064     09/19/0					09/19/08	
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26 93295F1 08263062 09/19/0 27 93296F2 08263034 09/19/0 28 93297F3 08263035 09/19/0 29 93298PB14 08263063 09/19/0 30 93299M1 08263064 09/19/0					09/19/08	
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34 93303E 08263045 09/19/0					09/19/08	
35 93304E1 08263037 09/19/0					09/19/08	
36 93305E2 08263065 09/19/0	9	Ь	93305 - E2	08263065	09/19/08	]

	#	Ref Description	Drawing#	Date
	37	93306 E3	08263046	09/19/08
	38	93307 E4	08263038	09/19/08
	39	93308 B2	08263039	09/19/08
	40	93309 B3	08263047	09/19/08
	41	93310B4	08263048	09/19/08
	42	93311PB7	08263049	09/19/08
1	43	93312PB8	08263050	09/19/08
1	44	93313 PB9	08263051	09/19/08
1	45	93314PB11	08263052	09/19/08
	46	93315PB12	08263053	09/19/08
1	47	93316FGE	08263056	09/19/08
1	48	93317 A3	08263054	09/19/08
1	49	93318A2	08263001	80/19/08
1	50	93319 A9	08263002	09/19/08
1	51	93320 A8	08263003	09/19/08
	52	93321 A7	08263004	09/19/08
l	53	93322 PB6	08263005	09/19/08
ı	54	93323 PB5	08263006	09/19/08
	5.5	93324 PB4	08263007	09/19/08
I	56	93325 PB3	08263008	09/19/08
ı	57	93326PB2	08263009	09/19/08
ı	58	93327 PB1	08263010	09/19/08
l	59	93328A4	08263011	09/19/08
ж	60	93329 A5	08263012	09/19/08
	61	93330 A6	08263013	09/19/08
	62	93331 PB13	08263014	09/19/08
	63	9333285GOUNTY 60)	08263057	09/19/08
	64	93333CGE	08263058	09/19/08
	65	93334 - L2	08263059	09/19/08
	66	93335 - A1/	08263060	09/19/08
L	67	93336-L16	08263061	09/19/08
		1-0/C 00 VA	7剪/	1
		15 1 100 10 00	53/	



# **TrimJoist**



If Bob tries TrimJoist, he'll find out why TrimJoist is the best choice for floor truss products.

# IT'S CONTRACTOR-FRIENDLY.

The end sections can be trimmed onsite.

#### IT SAVES MONEY AND TIME.

With strut-webbing, there's no need for subcontractors to cut holes.

#### IT'S STRONGER.

You don't weaken the joist with holes.

# IT HAS WIDE FLANGES.

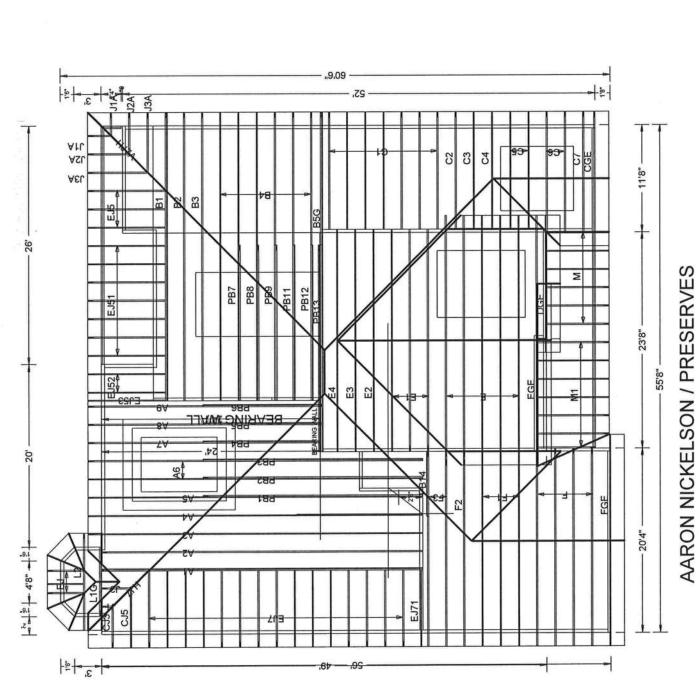
With 3.5-inch flanges on the top and bottom, subfloor application is simple. Nailing and gluing are easier.

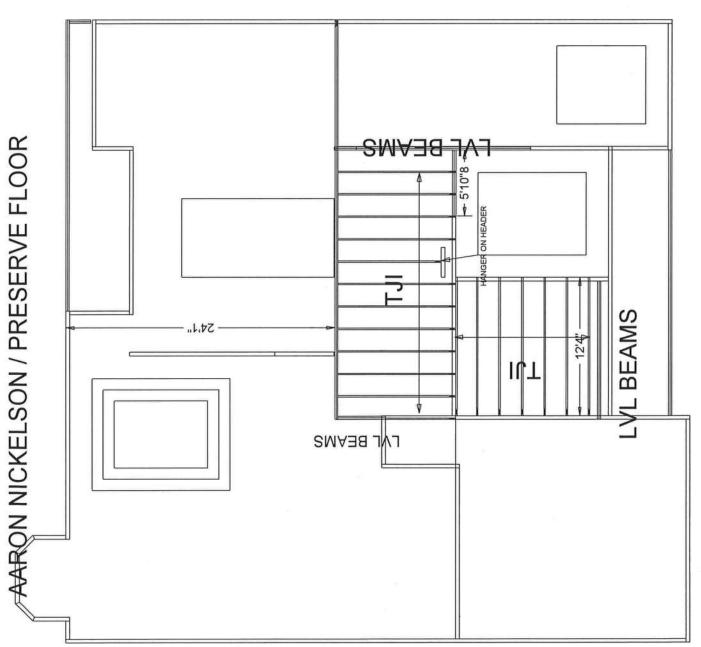
# IT COMES WITH A TEAM OF ENGINEERS.

Just call our toll-free number for custom engineering.



1 800 844-8281 www.trimjoist.com





Scale: 1' = 0.1161"

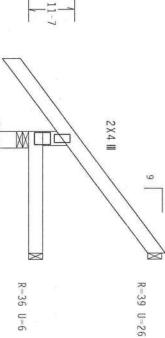
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

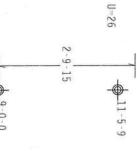
110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind IC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load

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





1-6-0-▶ R-243 U-0 W-4" -6-0 Over 3 Supports

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

PLT TYP. Wave

\*\*IMPORTANT\*\*PURHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH THIS DESIGN. OR FARBLENTHIG. HAS THE A BRACHE OF TRUSSES.

OR FARBLENTHIG. SHAPPLY HOC., INSTALL HE A BRACHE OF TRUSSES.

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SHAMING INDICATES UNSIGN SPEC, UN MARNA) AND THY.

3 GRADE 40/60 (N. K.M.SS) GALV. SHEEL APPLY

ON THIS DESIGN, POSITION FR DOMAINGS 160A-Z.

AS OF THI-2002 SEC.3.

A STEAL ON THIS
SEPONSHILLIY SOLELY FOR THE TRUSS COMPONENT
TOR ANY BUILDING IS THE RESPONSIBILLITY OF THE

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

ALPINE

GOUGAS FL ORIOP IE CENSA No. 66644 80 BC DL BC LL TC DL DUR.FAC TC LL TOT.LD. FL/-/4/-/-/R/-

	SPACING	1
	24.0"	1.77
ł	JRFF-	
	-	
	1TL28228Z01	

40.0 PSF

SEQN-

42500

HC-ENG JB/DF

10.0 PSF 20.0 PSF

DATE REF

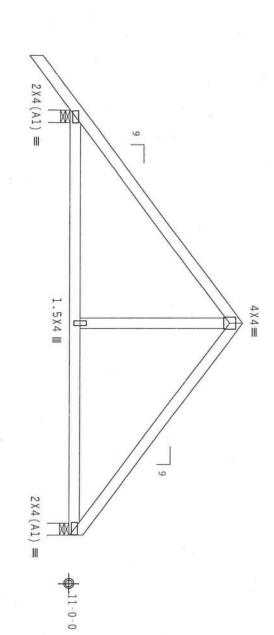
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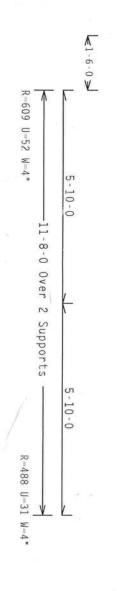
R8228- 93270 09/19/08

10.0 PSF 0.0 PSF

DRW HCUSR8228 08263066

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{cm}$ Roof overhang supports 2.00 psf soffit load. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (8-231--Fill in later Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18





FL COA #0 278	ITW Building Components Group Inc.		ALPINE	\ /	>	
	ANY INSPECTION OF PLATES FOLUNDED BY (1) SHALL BE PER ARBEX AS OF FITH 7-2002 SEC. 3. A SEAL ON THES DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOURCE FOR THE BUSS COMPONENT OF THE DESIGNATION OF THE DESIGNATION OF THE STATE OF THE SECONDARY OF THE	240	BE RESPONSIBLE FOR ANY DEVIATION FROM HILS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FARRICATING, MARDIJE, SHIPPING, INSTALLING A BRACING OF TRUSSES.	**IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONFRACTOR. IT HCC. INC. SHALL NOT THE	ENTERPRISE LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE.  NO. 66648	METER TO BEST (MULTOJAG COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (FIRST PLATE HISTITHE 238 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 27310) AND MICA (MODD) FRISS COUNCILS OF AMERICA. 6300
	9 '08	SINNI)	unnu CH	*	HINKST	MHI
SPACING	19 '08 DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	IC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF		SEQN-		DRW	DATE	REF
JREF 1TL28228Z01	54	- 41415	HC-ENG JB/DF *	DRW HCUSR8228 08263018	09/19/08	R8228- 93271

PLT TYP.

Wave

Design Crit:

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

Scale = .375"/Ft.

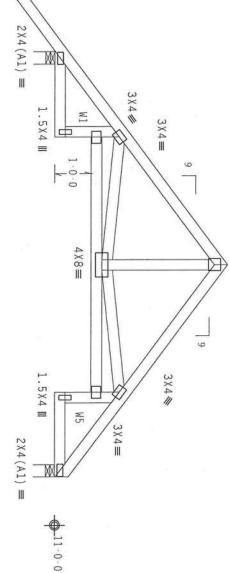
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W1, W5 2x4 SP #2 Dense: (8-231--Fill in later --C6)

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

Wind reactions based on MWFRS pressures

Roof overhang supports 2.00 psf soffit load

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{cm}$ 3×4/ WI 3 X 4 ≡ 0-0-1 4X4=





NORTH LEE STREET, SUITE 33
ENTERPRISE LAME, MADISON,
OTHERWISE INDICATED TOP CH A PROPERLY ATTACHED RIGID CEILING \*\*AARNING\*\* HUSSES REQUIRE EXTREME GARE IN FARRICATION, HANDLING, SHEPPING, INSTALLING AND BRACING, HEFFER TO RESS! QUILDING GOMEONER'S KETTY THEOREMATION), PHURISHED BY TP (THUSS PIATE INSTITUTE, 218 HORTH LIEE SIREET, SUITE 312, ALEXANDRIA, VA. 22214) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 630 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS HALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

Design Crit:

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

/10(0)

TYP.

Wave

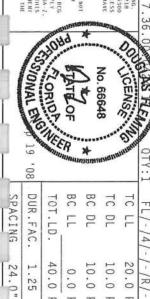
BLE EXPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY INLINE TPT: DE TANELCATHE, IMMOULTER, SHIPPING, HISTALLINE & BRACHE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDS (MATIONAL DE CONNECTOR PLATES ARE MADE OF ZD/18/16GA (M.4/55/JK) ASTH ASS O PLATES TO EACH TAKE OF HRUSS AND. WHILES OTHERSISE, TOCKED TO \*\* IMPORTANT \*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALLATION CONTRACTOR. ITH BCG, INC. SHALL BOT URE TO BUILD THE TRUSS IN CONFORMANCE WITH

DRAHING INDICATES NO SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT IN THE RESPONSIBILITY OF THE

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



24.0"

JRFF-

17128228201

1.25

40.0 PSF

SEQN-HC-ENG

0.0 PSF

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 08263019

JB/DF

REF

Scale =.375"/Ft. R8228- 93272

DATE

09/19/08

(8-231--Fill in later C5)

Top chord 2x4 SP Hot chord 2x4 SP Hebs 2x4 SP HER Wedge 2 #2 Dense #2 Dense #3 :W1, W5 2x4 SP #2 Dense: #3:

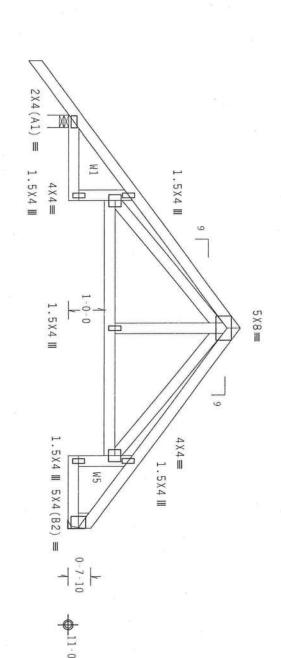
Roof overhang supports 2.00 psf soffit load

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

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.10" due to live load 0.17" due to dead load.





A PROPERLY ATTACHED RIGID CEILING TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/

Design Crit:

TYP.

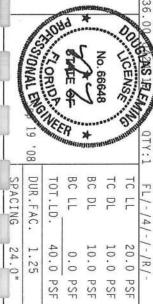
Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FALLUEF TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FAREACHTHG, HOTALLING, SHEPPIG, HISTALLING & BRACTING OF TRUSSES, DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFEPA) AND TPI. ITH BCG CONNECTOR PLATES ARE MORE OF 20/18/1/360 (M.H/SS/N). ASTA MASS GRADE 40/50 (M. K/M.SS) GALY. STEEL, APPLY PLATES TO EACH FACE OF TRUSSES, AND LULESS ON HAVISE (CARLED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BL PEE ANNIX AS OF IPI1-2002 SEC.3. A SEA ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



ONAL END 19 '08	LORIORINE	THE OF PRINCE	2	SSSAA SSAA SSAA SSSAA SSSAA SSSAA SSSAA SSSAA SSSAA SS	CENS
DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	SEQN- 41423	HC-ENG JB/DF	DRW HCUSR8228 08263020	DATE 09/19/08	REF R8228- 93273
	B DUR.FAC.	TOT.LD. 40.0 PSF SEQN- B DUR.FAC. 1.25	BC LL 0.0 PSF HC-ENG TOT.LD. 40.0 PSF SEQN-	BC DL 10.0 PSF DRW HCUSI BC LL 0.0 PSF HC-ENG ( TOT.LD. 40.0 PSF SEQN-	TC DL 10.0 PSF DATE BC DL 10.0 PSF DRW BC LL 0.0 PSF HC-E TOT.LD. 40.0 PSF SEQN DUR.FAC. 1.25

Scale = .375"/Ft.

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

Roof overhang supports 2.00 psf soffit load

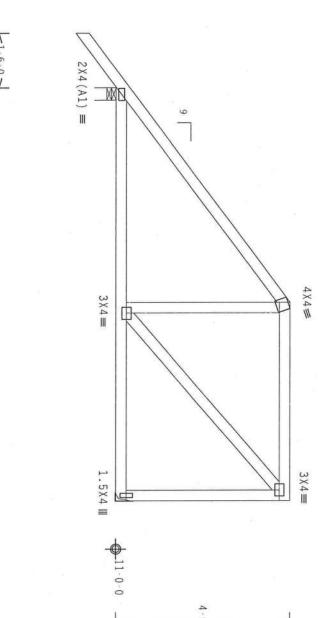
In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\,"}$  OC.

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

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure.

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



8



\*\*WARNING\*\* TRUSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BETER TO RESI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLANE INSTITUTE, ZIB NORTH LIE STREET, SUITE 312, ALEXANDRIK, YA, 25214) AND WITCA (ROOD TRUSS COUNCIL OF AMERICA. 6300 TRUSPERISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. HILESS OTHERWISE HOLDCATED FOR PUBLOS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ /10(0)

Design Crit:

TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM DCG. INC. SNALL HOT BE RESONDSIBLE FOR NAW DEPLATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN CONFERNANCE WITH FPI; OR FAREIGATHE, HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES.

ITM DCG.
DESIGN CONFERENCE HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITM DCG.
CONNECTOR PLATES ARE MADE OF POLICIAING ANY HISTORY (MATIONAL DESIGN OF M. K.M. SSI GALV. STEEL, APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OFFERNISH, LOCATED ON HISTORY AND FOLLOWING DRAWINGS 160A-Z.

PLATES TO EACH FACE OF TRUSS AND, UNLESS OFFERNISH, LOCATED ON HISTORY OF THE DRAWINGS 160A-Z.

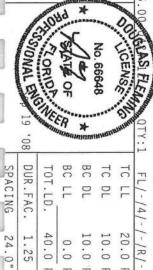
PLATES TO EACH FACE OF TRUSS AND, UNLESS OFFERNISH, LOCATED ON HISTORY OF THE DRAWINGS 160A-Z.

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ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CCA #0 278



	19 .08	NE	OF P	**************************************	A 	S. C. S.
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- 1TL28228Z01		SEQN- 41427	HC-ENG JB/DF	DRW HCUSR8228 08263021	DATE 09/19/08	REF R8228- 93274

Scale = .375"/Ft.

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

Roof overhang supports 2.00 psf soffit load

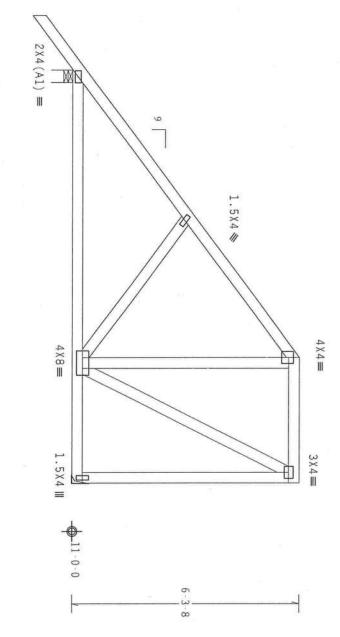
In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ 0$ 

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





\*\*MARNING\*\* IRUSES REQUIRE CITERIE CARE IN FARRICATION, MARDLING, SUPPING, INSTALLING AND BRACING, RETER IS RCS] (RULLDING COMPONIES SAFITY INFORMATION), DURLSINED BY FY (TRRES FLATE HESTITUTE, 213 MORTH LE STREE, SUITE 312, ALEXANDRIA, VA, Z2314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 CHIEGERISE LOUISACILO TOP COMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL FARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL FARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL FARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL FARELS AND BOTTON CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ /10(0)

TYP.

Wave

DESIGN SHOWE. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/IPI 1 SEC. O2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT ING IS THE RESPONSIBILITY OF THE

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278

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

SPACING	LENE 19 '08 DUR.FAC	LORIOR TOT.LD.	BC LL	200	TC DL	NS TO LL
ING	FAC.	LD.		-	_	_
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF -		SEQN-	HC-ENG	DRW HCL	DATE	REF R
JREF - 1TL28228Z01	3	41431	JB/DF →	HCUSR8228 08263022	09/19/08	R8228- 93275

Scale = .375"/Ft.

[8-231--Fill in later --C1)

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

Roof overhang supports 2.00 psf soffit load

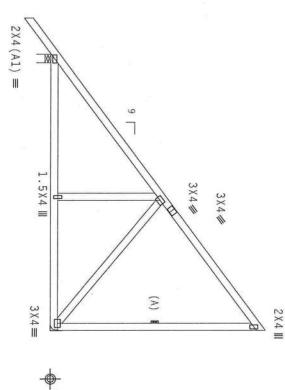
(A) Continuous lateral bracing equally spaced on member.

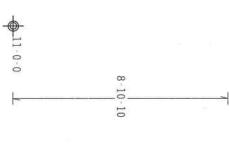
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.07 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure





1-6-0 R=601 U=0 W=4" 11-4-0 Over 2 Supports R-467 U-107

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

PLT TYP.

Wave

\*\*\*\*\*MARNING\*\*\* REUSSES REQUIRE EXTREME CARE IN EARLICATION). HANDLING, SHIPPING, INSIALLING AND BRACING, RETER TO RESS (RULLIUNG COMPONENT SERVEY) HERBRITON, PUBLISHED BY PH (TRUSS PLATE HESTITUTE, 21M NORTH LEE SIBET, SHITE 132, ALEXANDRIA, NA. 22314) AND MEDA (ROOD TRUSS COMMET) ON AMERICA. SHOOL RESS COMMET) ON AMERICA. SHOOL RESS COMMET) ON AMERICA. BASIN CHARLANDERS, HALL SASTED) FOR SAFETY PRACTICES PRINT OF PERFORMENT BYEST UNCTIONS. MULES SO ORIGINAL MARKET SHOCKED SHOCKED SHOCKED AND BOTTOM COMME SHOOL MARKET SHOOL RESPONSIBLE TO THE STATE OF THE SHOOL MARKET SHOOL RESPONSIBLE TO THE SHOOL MARKET SHOOL RESPONSIBLE TO THE SHOOL MARKET SHOOL RESPONSIBLE TO THE SHOOL RESPONSIBLE T A PROPERLY ATTACHED RIGID CEILING /10(0)

\*\*\*IMPORTANT\*\*\*PURRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, THC, SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONTORMANCE WITH FP: OR FAREITATION, INMULTICE, SHIPPING, INSTALLING A BRACIER OF TRUSSES.

BESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DUS (MATIONAL DESIGN SOFE, BY AFRY) AND TP: I'V RCC CONNECTOR PLAITS ARE MADIO OF 20/103/100A (WALLESS) ASSISTANT ASSISTANT AND SOLUTION FROM CONTROL OF SOLUTION FROM DOWN AND THE TRUSS SOLUTION FROM THIS DESIGN, POSITION FROM DOWN AND THE TRUSS CHORN CONTROL OF PARTES FOLLOWED BY (1) SHALL BE FER ANDRY AND TPIL 2002 SEC. 3.

ANY INSPECTION OF PARTES ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY SOLELY FOR THE IRUSS CORPORABLY BRANDERS ACCEPTANCE OF PROFILESSIONAL ENGINEERING RESPONSEBILLY FOR THE PROFILESSIONAL PROFILESSIONAL ENGINEERING RESPONSEBILLY FOR THE PROFILESSIONAL PRO BUILDING DESIGNER PER AUSI/TPI 02 SEC.3. A SEAL ON FHIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

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

ALPINE



PSF

SEQN-HC-ENG DATE REF

09/19/08

Scale = .25"/Ft. R8228- 93277

DRW HCUSR8228 08263024

JB/DF 41442

JREF -

1TL28228Z01

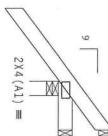
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

II0 mph wind, 15.00 ft mean hgt, ASCE 7 02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



R=-61 Rw=29 U=54 ♣ 11-10-2



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

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

Scale = .5"/Ft.

R8228- 93278

DATE REF

09/19/08

DRW HCUSR8228 08263040

JB/DF 41446

TYP.

Wave

"\*\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARECACION PRILICIANE, HARDITAE, DISTALLING AND BRACING.
REFER TO RESS (UNITION DEPONDENT SACTETY HURBANISHON). PRILICISED BY THE CHURS PACAE INSTITUTE, ZUB.
ROBINI LEE STREET, SHITTE 312. ALEXANDRIA, VA., ZZINO AND NICA, HARDI TRUSS CONBELL. OF AMERICA. CASO
CHIERRES (INDICATED TOP CHORE SWALL HARE PROPERLY ATTACHED STRUCTURA, PARKET AND BOTTOM CHORED SHALL HARE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. JIN BCG. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEFIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI. OR FARRICATING, MAINLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES, DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SEED, WARRA) AND TPI. I'V BCG CONNECTION FOR THE ABLE AND OF ZOUTH PARTIES AND AND TRIC. APPLY PLANES TO EACH FACE OF TRUSS AND. UNITES OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FRE ANDEX AS OF PTI-200Z SEC.3. A SEAL ON THIS DRAWING INDICATES ACCUPANCE OF POPERSESTIONAL REGISTRER HIS RESPONSIBILITY SOLELY FOR THE HISS COMPONENT OR SHALL SHALL AND ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FRE ANDEX AS OF PTI-200Z SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF POPERSESTIONAL REGISTRER HIS RESPONSIBILITY SOLELY FOR THE HISS COMPONENT OF THE SHALL SHAL

TW Building Components Group

ALPINE

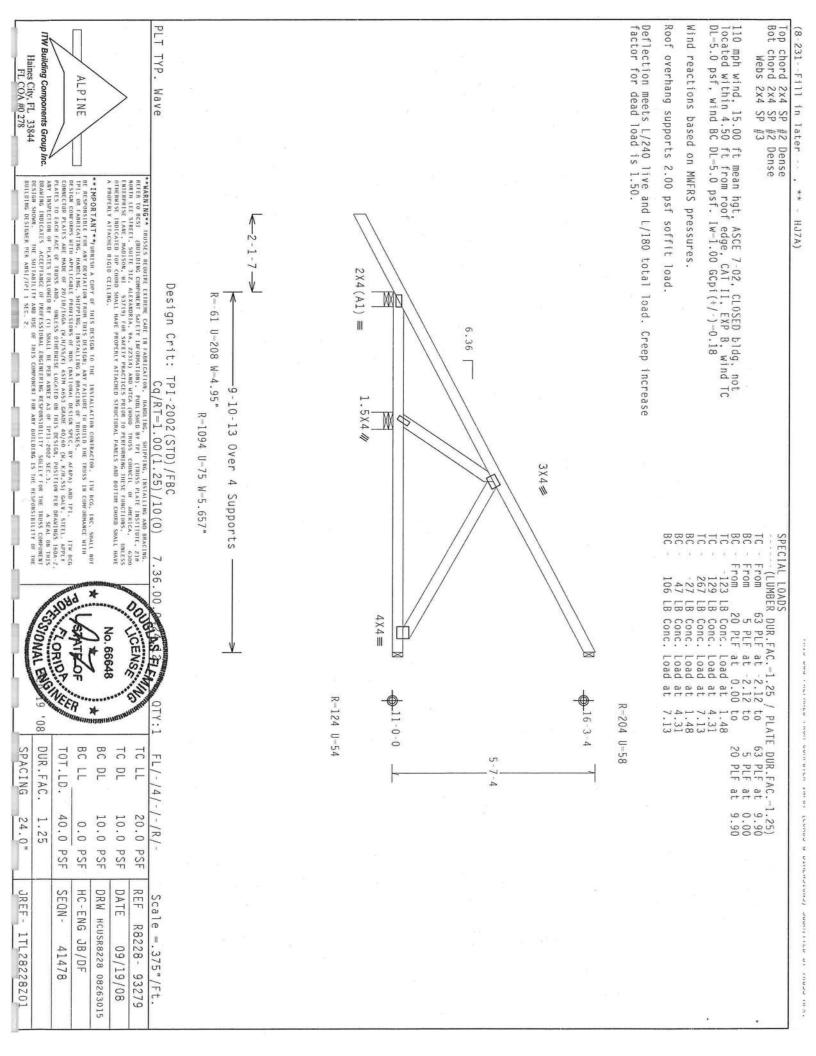
Haines City, FL 33844 FL COA #0 278

\* CONSTRUCTION FLER LORIOT IE CENS No. 6664 80 BC LL DUR.FAC. BC DL TC DL TC LL SPACING TOT.LD. 24.0" 1.25 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF

JREF -

1TL28228Z01

SEQN-HC-ENG



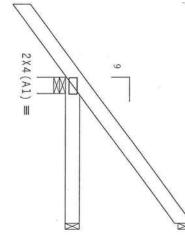
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures.



R-23 Rw-24 U-0

R=65 U=25



1-6-0→ 3-0-0 Over 3 Supports

Design Crit: R-272 U-12 W-4" TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

\*\*WARNING\*\* TRUSSES REDUJRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PROLITING BY THE (FRUSS PLATE INSTITUTE, ZID MORTH LEE STREET, SHITE LIS, ALEXANDRIA, VA, ZZJAJA AND NECA (4000 TRUSS COUNCEL OF AMERICA, 6200 ERICEDES (ALIC, MADISON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CORROR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL HAVE 7.36.

PLT TYP.

Wave

\*\*IMPORTANT\*\*TURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MIGG, INC. SHALL BOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE BRISS IN COMPORNANCE WITH PI; OR FAREIGATING, MANDING, SHIPPIG, INSTALLING A BRACKLING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROPYSIONS OF BDS (MATIONAL DESIGNS SPEC, BY ATRA) AND FOIL TO BE CONNECTED THE HEAT ARE MADE OF 2012B-16GA (M.H.SYS, DY). ASTED ON HITS DESIGN (M.K.M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. BUILESS OTHERWISE LOCATED ON HITS DESIGN, POSITION FOR BRANHING SIGNA J. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANKEX AS OF FDI-2002 SEC. 3.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANKEX AS OF FDI-2002 SEC. 3.

AS SEA OR HIS DESIGNED ACCEPTANCE OF PROFISSIONAL INGLINERATE RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOULD BE SECOND THE SUITABLELLY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED FER ANSI/FFI I SEC. 2.

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

ALPINE



  -	80, 61	NEE	R	**************************************	UNGUM
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
JREF- 1TL2		SEQN-	HC-ENG	DRW нси	DATE
1TL28228Z01		41451	JB/DF	HCUSR8228 08263041	09/19/08

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

20.0 PSF

REF

R8228- 93280

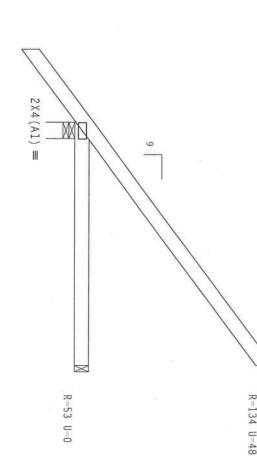
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures



♠ 14-10-2

1-6-0-▶ R=343 U=1 W=4" -5-0-0 Over 3 Supports

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

PLT TYP.

Wave

A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNACE WITH THIS OF FARRENCE THAG. HANDLING, SHIPPING, INSTALLING, A BRACING OF TRUSSES, DESIGN CONTROLING, THE PIPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONTROLING, THE POPLICABLY PEPING. INSTALLING, A BRACING FORCE SEC. B. YARSPA) AND THIS. DESIGN CONTROLING THE PARTES OF THIS SAME HADE OF 20/18/16/36 (H-1/18/5)/N. ASTH A653 GRADE 40/60 (H-1/18/5) GALV. SIEEL APPLY PARTES TO EACH FACE OF TRUSS AND. UNLESS OFTERNISE LOCATED ON THIS DESIGN, POSITION PER DRAPHIS 160A-Z. ANY INSTECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF THIS 200EY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULFACE OF THE TRUSS COMPONENT DESIGN SHOWN. THE SULFACE OF THE TRUSS COMPONENT DESIGN SHOWN. THE SULFACE OF THE TRUSS COMPONENT DESIGN SHOWN.

TW Building Components Group Inc. Haines City, FL 33844 FL CO 40 278

ALPINE



40.0

SEQN-HC-ENG

0.0 PSF PSF

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 08263042

JB/DF 41455

REF

R8228- 93281

Scale =.5"/Ft.

DATE

09/19/08

24.0" 1.25

JRFF-

1TI 28228Z01

Top chord 2x4 SP Bot chord 2x4 SP (8-231--Fill in later --#2 Dense #2 Dense EJ5)

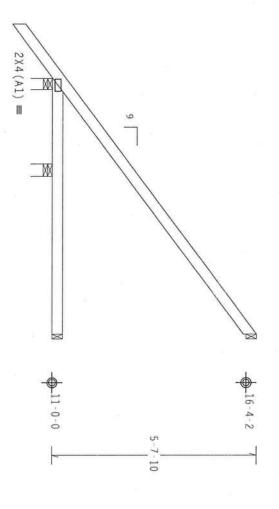
Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures

R-183 U-68



R-31 Rw-31 U-0

**▲**1-6-0 **▶** R=301 U=0 W=3.5" R=185 U=20 W=4" 7-0-0 Over 4 Supports

REFUR TO BOSS (BUILDING COMPONENT SAFETY INFORMATION). IMAIDING. SHIPPING, INSTALLING AND BRACING.
MORTH LEE STRET, SUITE 132. ALEXANDRIA, VA. 22314) AND HIGH OR OF THE SECURE. OF THE HISTITUTE, 218
ENTERFORM LEE STRET, SUITE 132. ALEXANDRIA, VA. 22314) AND HIGH OR (HORD TRUSS COUNCIL OF THERETA., 6300
ENTERPRIS LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TRUCTIONS. UNITYS
OTHERMISE HUNCAUTE FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

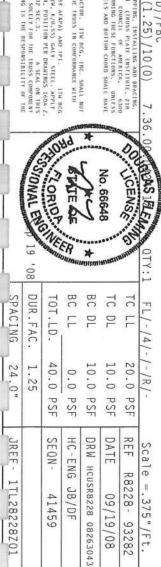
Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, THC, SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DISCIBLE ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARRICATHEG, HANDLING, SHAPPING, HINSALLING A BRACING OF TRUSSES, DESIGN CONTROL THE APPLY AND THE ADARD FOR THE APPLY AND THE ADARD FOR THE APPLY AND THE ADARD THE ADARD THE ADARD THE APPLY PLAIRS TO EACH FACE OF TRUSS AND. UNLESS OFFICENCY AND THIS BCGGG, POSITION PER BRANDESS IGA A. ANY INSPECTION OF PLAIRS FOLLOWED BY (1) SHALL BE PER ANNEX ASSIGNATION OF PLAIRS FOLLOWED BY (1) SHALL BY AND PER ANNEX ASSIGNATION OF PLAIRS FOLLOWED BY (1) SHALL BY PER ANNEX ASSIGNATION OF PLAIRS FOLLOWED BY (1) SHALL BY PER ANNEX ASSIGNATION OF PLAIRS FOLLOWED BY (1) SHALL BY PER ANNEX ASS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2 DRAWING INDICASES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY

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

BUILDING DESIGNER PER

ALPINE



JB/DF 41459

Scale = .375"/Ft. R8228- 93282

09/19/08

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

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load

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

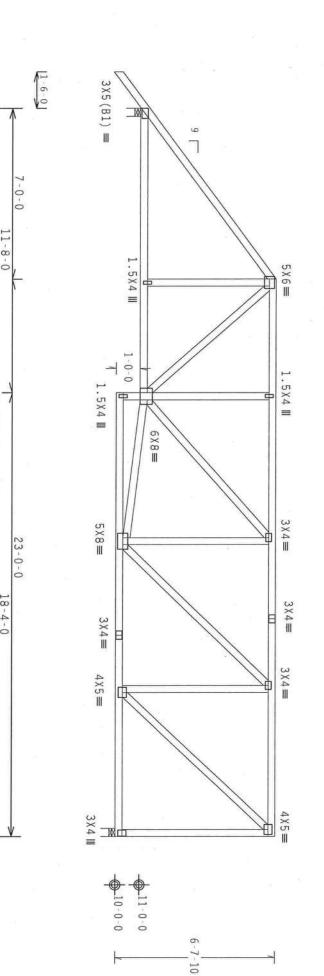
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d\_Box\_or\_Gun\_(0.128"x3",\_min.)\_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure

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



PLT TYP.

Wave

R=2621 U=195 W-4"

30-0-0 Over

N

Supports

TW Building Components Group Haines City, FL 33844 FL COA #9 278

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH FPI: OR FARRELEATING, MANUFING, SHIPPIG, INSTALLING, S MACHING OF TRUSSES, INC. AT\$PA) AND FII. ITH BCG CONNECTED RELIES AND FILE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY AT\$PA) AND FII. ITH BCG CONNECTED RELIES AND FOR THE APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC), BY AT\$PA) AND FILE. APPLICABLE APPLICABLE APPLICABLE APPLICABLE OF THE APPLICABLE APPLICABL

RESPONSIBILITY OF

STONAL ENGINEE

80

DUR.FAC

1.25

SPACING

24.0"

JRFF-

1TL28228Z0

BC LL BC DL TC DL TC LL

0.0

PSF PSF

HC-ENG

JB/DF

41634

TOT.LD.

40.0

Design Crit:

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

7.36

GOUGE AST FLE

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

R=2721 U=181 W=4"

10.0 20.0

PSF PSF

REF DATE

Scale = .25"/Ft. R8228-

10.0 PSF

DRW HCUSR8228 08263016

09/19/08 93283

CENSE

No. 66648

A PROPERLY ATTACHED RIGID CEILING

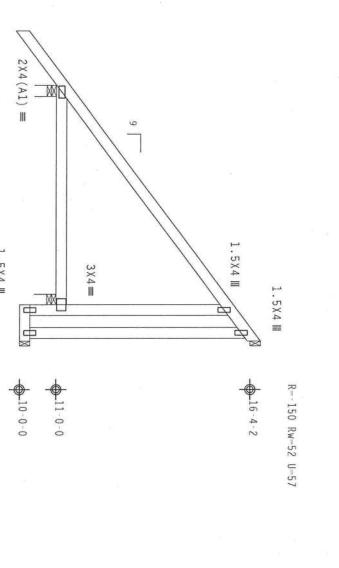
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load

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

Wind reactions based on MWFRS pressures.



1.5X4 III

1.5X4 Ⅲ

R--7 Rw-9 U-3

**€**1-6-0 **≥** 

R-361 U-0 W-3.5" -7-0-0 Over 4 Supports R-495 U-139 W-3.5" 1-0-0

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

TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONINT SAFETY INFORMATION), PHELISHED BY TPT (TRUSS FLATE INSTITUTE, 210 NORTH LET STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (1400) TRUSS COUNCIL OF AMERICA, 6300 ETRISGEDERIS LANE, MADISON, VI 53719) FOR SAFETY PRACTICES PRIOR TO PEFORMING THESE THESE THEORY, UNLESS OFHERMISE HOLICANTED FOR COMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE /10(0)

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. TWC. SHALL NOT BE RESONNIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FALLURE TO BUILD THE THUSS IN COMPORMANCE WITH PI: ON FAREACHING, MAND 166. SHIPPIG, HISTALLING & BRACHING OF TRUSSE.

DESIGN CONFIDENCY HITH APPLICABLE PROVISIONS OF HIS GENTIONAL DESIGNS SPEC, BY ATAPA) AND TFI. ITH BOC CONNECTOR PLAIRS ARE MADE OF ZO/18716AG (M.HISSA) AND THIS DESIGN SPEC, BY ATAPA) AND TFI. ITH BOC CONNECTOR PLAIRS ARE MADE OF ZO/18716AG (M.HISSA) AND HIS DESIGN SPEC, BY ATAPA) AND THE SHALL AND HIS DESIGN OF PLAIRS OF THUSSA NB). UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER BRAHINGS 160A-Z. ANY HISSECTION OF PLAIRS FOLLOWED BY (1) SHALL BE FER ANNEX AS OF FFI1-ZOOZ SEC. 3. A SEAL ON THIS DESIGN SHOWN.

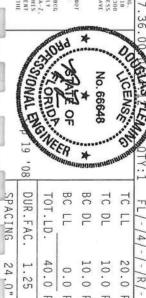
DESIGN SHOWN.

THE SHITMAPHILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

TW Building Components Group

ALPINE

Haines City, FL 33844 FI COA #0 278





PSF

SEQN-

41466

HC-ENG JB/DF

DRW HCUSR8228 08263025

JRFF- 1TL28228Z01

DATE REF

09/19/08

Scale = .375"/Ft. R8228- 93284

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | Roof overhang supports 2.00 psf soffit load Left end vertical not exposed to wind pressure PLT TYP. (8-231--Fill in later --ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278 ALPINE Wave #2 Dense #2 Dense #3 \*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSING FOR ANY DEVIATION FROM THIS DESIGN FOR YEARLING TO BUILD THE TRUSS IN CONTORNAME WITH FPI; OR FARRICKING, INABULEG, SHPPTHG, HSTALLING A BRACING OF FRUSSES, DESIGN CONTROLS WITH APPLICABLE PROPERSIONS OF 1805 (MATURAL DESIGN SPEC, BY AFER) AND FPI. THE RC CONNECTOR PLATES ARE MADE OF 20/18/16/6A (M.H/SS/PS) ASTM A653 GRADE 40/60 (M. K/M.SS) GALV. SIEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OFHERMISE LOCATED ON THIS DESIGN, POSITION PER DEATHERS 160A-Z. ANY INSPECTION OF BLATES FOLLOWED BY (I) SHALL BE PER AFMEZ AS OF FFIT-2002 SEC.3. A STAL ON FHIS DEATH AND ANY INSPECTION OF BLATES FOLLOWED BY (I) SHALL BE PER AFMEZ AS OF FFIT-2002 SEC.3. A STAL ON FHIS DEATH AND ANY BURNERS AND ANY INSPECTION OF BLATES FOLLOWED BY (I) SHALL BE PER AFMEZ AS OF FFIT-2002 SEC.3. REFERENCE TO A STANDARD REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SIMPPING, INVALLING AND REACHEG.

REFERENCE (BUILDING COMPORENT SAFETY INFORMATION), PURLISHED BY IT! (TRUSS PLATE INSTITUTE, 21D

NORTH LE SIREE; SHIE 33, ALEXANDRA, VA, 22314) AND HICK (4000 TRUSS COUNCIL O AMERICA, 6200

CHIERRESS LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS
OTHERWISE HOLICATED TOP CORDS SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARKES AND BOTTOM CHORD SHALL HAVE
A PROPERTY ATTACHED REGID CELLING. **€**1-6-0 **≥** EJ52) 1.5X4 Ⅲ 3×4/ R-414 U-0 W-4" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7-0-0 Over 3 5-8-0 Supports 3 \ 4 = 3 X 4 ≡ 3×4/ AMERICA, 6300 UNCTIONS, UNLESS W CHORD SHALL HAVE 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, Iw-1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures 6 X 6 ≡ R=344 U=128 R=-58 Rw=23 U=16 SOUCENSE SONAL ENGINE No. 66648 ₩10-0-0 9-0-0 80 TC DL BC LL DUR.FAC. BC DL TOT.LD. FL/-/4/-/-/R/-40.0 10.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF PSF DATE REF SEQN-DRW HCUSR8228 08263026 HC-ENG Scale =.375"/Ft. R8228- 93285 JB/DF 41470 09/19/08

SPACING

24.0"

JREF - 1TL28228Z01

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

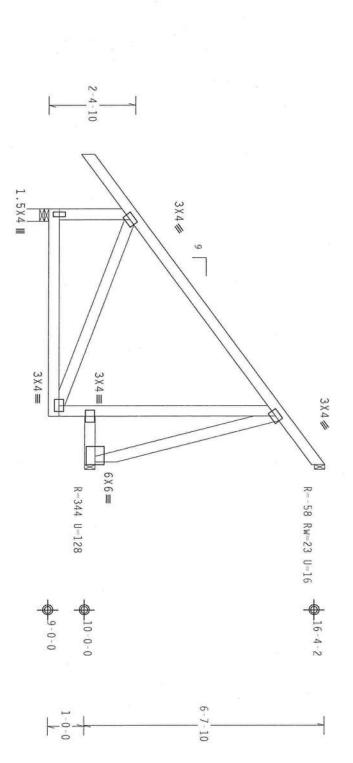
Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures.

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



k1-6-0≥

R-414 U-0 W-4" 7-0-0 Over 5-8-0 w Supports 1-4-0

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

PLT TYP.

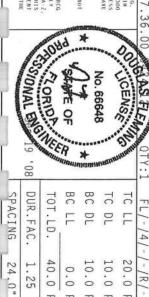
Wave

A PROPERLY ATTACHED RIGID CEILING

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI; OR FAREIGATHO, MANULES, SHIPPIGE, INSTALLING A BRACHIO OF TRUSSES, DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF MOS (MATICHAL DESIGN SPEC, BY ATREA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/18/6A (BY HISSEN) A SEA AGES SEADE AD/66 (BY, FM.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION OF PLATES FOLLOWER BY (1) SHALL BE PER ARREX AS OF PPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROPESSIONAL REGIONHERADE RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILI BUILDING DESIGNER PER ANSI/TPI

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

ALPINE



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SPACING	DUR	TOT.LD	BC LL	BC [	TC I	TC LL
CING	DUR.FAC.		 	DL	DL	ï
24.0"	1.25	40.0	0.0	10.0 PSF	10.0	20.0 PSF
Į.		PSF	0.0 PSF	PSF	PSF	PSF
JRFF		SEQN-	HC-E	DRW	DATE	REF
JRFF- 1TI 28228Z01		- 41484	HC-ENG JB/DF	DRW HCUSR8228 0826302	09/19/08	R8228- 93286

Scale =.375"/Ft.

08263027

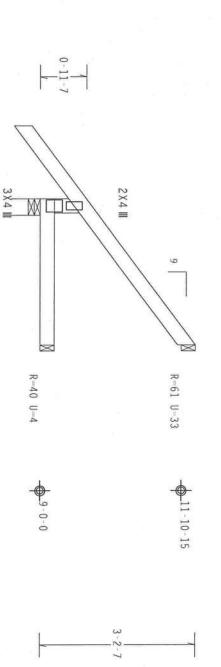
Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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



1-6-0-▶ R-259 U-0 W-4" 3-0-0 Over 3 Supports

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

PLT

TYP.

Wave

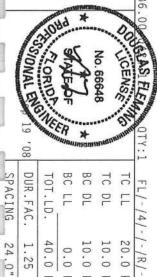
A PROPERLY ATTACHED RIGID CEILING

\*\*IMPORTANT\*\*FUNNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPONANCE WITH FP1; OR FARELACTING, HANDLING, SHIPPIG, INSTALLING A BRACING OF TRUSSES, BY AREA AND TP1. I'VE BCS. CONTROLATES AT THE ACCOUNTESTOR FOR THE STATE ARE HADDED OF TOUSING ANY AND TP1. THE BCS. CONTROLATES ARE ALLOWED OF TOUSING ANY AND THE SALE AND CONTROLATES AND AND THIS SALE. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS IGOA-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ARMEY AS OF TP11-2002 SEC. 3. A SEAL ON THIS DRAWINGS INDICATES AND THE SOURCESSIONAL TRUSS AND THIS SOURCE AND THE SOURCE AND THE TRUSS COMPONENT DRAWING INDICATES ACCORDING THE TRUSS COMPONENT OF THE SOURCE AND THE TRUSS COMPONENT OF THE SOURCE AND THE SOURCE AND THE TRUSS COMPONENT OF THE SOURCE AND THE SOURCE AND THE TRUSS COMPONENT OF THE SOURCE AND THE SOURCE AND THE TRUSS COMPONENT OF THE SOURCE AND THE

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



1.25 24.0" JREF- 1TL28228Z01

40.0

SEQN-

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 08263028

DATE REF

09/19/08

Scale = .5"/Ft.

R8228- 93287

0.0 PSF PSF

HC-ENG

JB/DF 41488

(8-231--Fill in later --HJ7)

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP

#2 Dense #2 Dense #3

from a non-wind

carry comments an indee in a

Negative reaction(s) of 468# MAX. (See below) load case requires uplift connection.

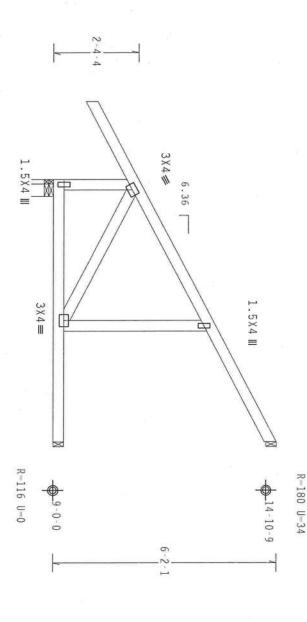
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

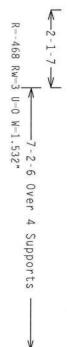
Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

Hipjack supports 5-1-1 setback jacks with no webs

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





R-786 U-35 W-4.125"

NORTH LEE STREET, SUITE 3: ENTERPRISE LANE, MADISON, OTHERWISE INDICATED TOP CI Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) NIRHE CARE IN FAMEICATION, INANDLING, SHIPPING, INSTALLING AND BRACHG, SHENJAR ASETY LEGEMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 LEXANDRIA, VA. 22314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 630

PANELS AND BOTTOM CHORD SHALL HAVE

PLT TYP.

Wave

\*\*IMPORTANT\*\*\*URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

BE RESPONSIBLE FOR ANY DEPYLATION FROM THIS DESIGN TO THE INSTALLATION IS BUILD THE TRUS

TH: OR FABILIZATION, LANDLING, SHIPPIG, HISTALLING A BRACHING OF TRUSSES.

DESIGN COMPORES HITH APPLICABLE PROFISIONS OF MIX (MATIONAL DESIGN SPEC, BY AFEA

CONNECTOR PLAISE ARE MORE OF \$20,120,140, (H.1.)525;P) ASTH AGS GRADE 40,600 (H. K.H.) DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG SIGN SPEC. BY AFAPA) AND TPI.

ITW BCG
KADE 40560 (W. K/H.SS) GAN'W STELL APPLY
THIS DESIGN, POSITION PER DRAWINGS 150A-Z.
DF TPI1-2002 SEC.3.

A SEAL ON THIS
OMSTBILLITY SOLELY FOR THE TRUSS COMPONENT CONTRACTOR. ITH BCG, INC. SHALL NOT IS THE RESPONSIBILITY OF

TW Building Components Group Inc. Haines City, FL 33844 FI CON #0 278

ALPINE

A PROPERLY ATTACHED RIGID CEILING



1.25

24.0"

JREF- 1TL28228Z01

10.0 PSF

DATE REF

09/19/08

PSF

Scale = .375"/Ft. R8228- 93288

10.0 PSF

DRW HCUSR8228 08263017

JB/DF 42516

0.0

PSF PSF

SEQN-HC-ENG

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # Roof overhang supports 2.00 psf soffit load. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{cm}$ (8-231--Fill in later ITW Building Components Group Inc. TYP. Haines City, FL 33844 #0 27 ALPINE Wave #2 Dense #2 Dense #3 \*\*WARNING.\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND SEACHIG, BEFER TO BOST. (BULLDING COMPONER SAFETY INFORMATION), DURING BY TPI (TRUSS PLAIE INSTITUTE, 218 MORTH LEE STREET, SUITE 137, ALEXANDRIA, VA. AZZIA) AND WICH (AUGUS PRUSS COUNCIL OF AMERICA, 6200 EXTERPORISE LAWE, MADISON, WI SCRIPTOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNIESS OTHERWISE HOLDCATED FOR DEBORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED ATTACHED RIGHT CHORD SHALL HAVE A PROPERLY ATTACHED TO THE AUGUST AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED ATTACHED A THACHED RIGHT CHORD SHALL HAVE A PROPERLY ATTACHED BY THE AUGUST AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED A THACHED RIGHT COUNTY. \*\*IMPORTANT\*\* TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG. HCC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TEUSS IN CONTORMACE WITH THE TO REARRICATION. ANALOLISE, SHIPPING, INSTALLING & DRACING OF TRUSSES.

THE OR FABRICATION, ANALOLISE, SHIPPING, INSTALLING & DRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIGNAL DESIGN SPEC, BY ALERA) AND TPI.

CONNECTION FLATES ARE MOST OF ZO/TRYICAGA (H.1955/YA) ASTH AGS GRADE 40/500 (H. X/H.SS) AGAV. SHELL APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERNISE, LOCATED ON THIS DESIGN, POSITION PER DIMATIGS 160A-7.

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE, LOCATED ON THIS DESIGN, POSITION PER DIMATIGS 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY (1) DRAWING INDICATES ACCEPTANCE OF PROFESSI CJ5) 1-6-0-1 SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE 3 X 4 Ⅲ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)R-333 U-0 W-4" -5-0-0 Over 3 Supports BY ALEPA) AND TPI. THE BGG.
(U. K.H.S.S.) GALY. SIEEL APPLY
GB, POSITION PER DRAHINGS 160A-Z.
SOOZ SEC.3. A SEAL OF THE
STORY OF THE TRUSS COMPONENT
STORY OF THE PERSONSIBILITY OF THE 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures R-138 U-58 R-59 U-0 SIONAL ENGINEE CENSA 13-4-15 80 BC DL TC DL BC LL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-40.0 20.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF REF DATE SEQN-HC-ENG DRW HCUSR8228 08263029 JREF -Scale = .5"/Ft. R8228- 93289 1TL28228Z01 JB/DF 41493 09/19/08

SPACING

24.0"

JREF -

1TL28228Z01

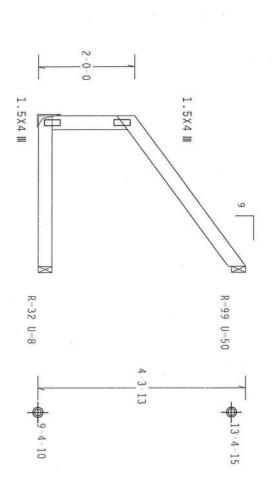
Top chord 2x4 SP / Bot chord 2x4 SP / Webs 2x4 SP / #2 Dense #2 Dense #3

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

Wind reactions based on MWFRS pressures.



R=131 U=0 3-1-1 Over 3 Supports

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

PLT TYP.

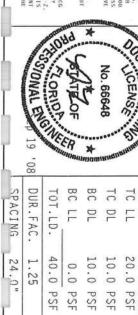
Wave

\*\*MARNING\*\* TRUSSES REQUIRE EXTRINE CARE IN FABRICATION, LHABLING, SHIPPING, HISTALLING AND BRACING, BEFER TO BEST (BUILDING COMPONER) SAFETY INFORMATION, PUBLISHED BY THE (TRUSS PLATE HISTIDUTE, 2218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 2231A) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ERICEDEN SIGNATION, MI 53719) FOR SAFETY PRACTICES PRIOR TO PREPORRING THESE FUNCTIONS, UNLESS OTHERNISE HOLDSTORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BUTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BUTTOM CHORD SHALL HAVE

\*\*IMPORTANI\*\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE MITH IP: OR FARBLECKITHO, MANULUG, SHEPPIG, HISVALLING A BRACING OF TRUSSES, DESIGN CONTROLTION, THE DESIGN CONFIDENCE WITH APPLICABLE PROPERSON OF THIS DESIGN SEEC. BY AREA OF THE DESIGN CONFIDENCE AND THE OF THE DESIGN CONFIDENCE AND THE OF THE DESIGN ACCORDINATION OF THE DESIGN ACCORDING OF THE DESIGN ACC

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

ALPINE



SEQN-

JREF- 1TL28228Z01

HC-ENG

JB/DF 42543

DRW HCUSR8228 08263031

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

Scale = .5"/Ft.

R8228 - 93291

DATE REF

09/19/08

(8-231--Fill in later

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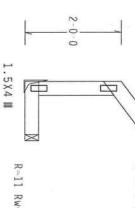
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

Left end vertical not exposed to wind pressure

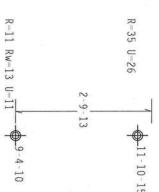
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{cm}$ 

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

Wind reactions based on MWFRS pressures.



1.5X4 Ⅲ



1-1-1 Over 3 Supports R=46 U=0

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

PLT TYP.

Wave

\*\*WARNING\*\* INUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDEING, SHIPPING, INSTALLING AND BRACING, RETER TO REST (BUILDING COMPOUNES SAFETY INFORMATION), DUBLISHED BY PPI (TRUSS PLATE INSTITUTE, 218 HORNITON). DUBLISHED BY PPI (TRUSS PLATE INSTITUTE, 218 HORNITON), DUBLISHED BY PPI (TRUSS PLATE INSTITUTE, 218 HORNITON). ASSET A SAFETY AS A SAFETY AND SOME AND SOME A SAFETY AND SOME AND

\*\*IMPORTANT\*\*THRMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVLATION FROM THIS DESIGN, ANY FAILURE TO BRILL TO BEIGHT SHEES. IN COMPORMANCE WITH THE OR FARRICATING, MANDING HG, SHIPPIG, INSTALLING A BRACING OF THYSESS, DESIGN COMPOREMS WITH APPLICABLE PROPUSIONS OF HIS GRAIN AGES GRADE ADJOING (M. KJM.SS) GALV. SIEL, APPLY PLAKES TO LACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAFFIGS 196A-2, ANY INSPECTION OF PLATES FOLLOWED BY (J. SHALL BE PER ARMEX A. OF FRIL-2002 SEC. 3. A SEAL ON THIS DESIGN, POSITION FOR THE THESS COMPONENT FOR THE STALL SHEET, APPLY ANY INSPECTION OF PLATES FOLLOWED BY (J. SHALL BE PER ARMEX A. OF FRIL-2002 SEC. 3. A SEAL ON THIS DRAFFIGHT AND ALL SHALL SHA ANY INSPECTION OF PLATES FOLIONED MY (1) SMALL BE PER AMEX AS OF FPIT-28 DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SULFABLILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER AMSI/TPI I SEC. 2.

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

ALPINE

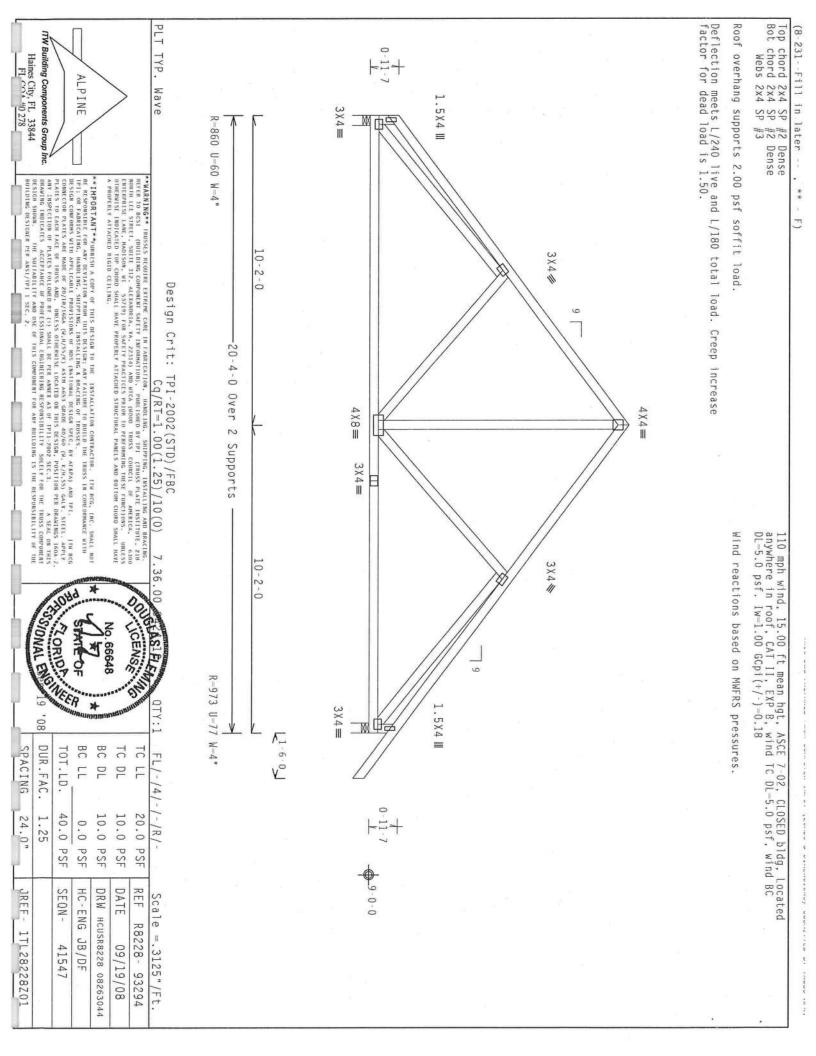


DRW HCUSR8228 HC-ENG JB/DF		10.0 PSF 0.0 PSF 40.0 PSF	BC DL BC LL TOT.LD. DUR.FAC.
DATE 09/19/08	PSF D	10.0	TC DL
REF R8228- 93292		20.0 PSF	TC LL

Scale = .5"/Ft.

Bot PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{cm}$ Roof overhang supports 2.00 psf soffit load (8-231--Fill in later --ITW Building Components Group Inc. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense Haines City, FL 33844 FL COA #0 278 ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN OF TAILURE OF MILL THE TRUSS IN COMPORMANCE WITH IP: OR FARRENTHING, HANDLING, SHIPPIG, HISTALLING & BRACING OF TRUSSES, BY AND THE LEARLY PROPERTY. THE METERS OF TRUSSES OF TRUSSES OF TRUSSES OF THE APPLICABLE PROPERTY OF THIS DESIGN SPEC, BY ATRIAN AND THE LABOUR THE APPLICABLE PROPERTY OF THIS DESIGN SPEC, BY ATRIAN AND THE LABOUR THE APPLICABLE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS OFSIGN, POSITION FER DIMATHING SHOWN AND OF PLATES OF THIS OFSIGN SPEC, BY ATRIAN OF THIS OFSIGN SPEC, AND THE STRUSS COMPONENT OF SHOWN AND THE SUBJECT OF PROPESSIONAL ENGLIFIED BY STRUSS OF PRITZONG SPECA.

ANY INSPECTION OF PLATES OF PROPESSIONAL ENGLIFICATION OF PROPESSIONAL ENGLIFICATION OF THE STRUSS COMPONENT OF SHOWN AND ADMINISTRATION OF THE STRUSS COMPONENT OF SHOWN AND ADMINISTRATION OF THE SUBJECT OF PROPESSIONAL ENGLIFICATION OF THE STRUSS COMPONENT OF SHOWN ANY BUILDING IS THE RESPONSIBILITY ON THE BUILDING DESIGNED FER ANY STRUSS. \*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, IMADILING, SHIPPING, INSTALLING AND BRACHIG, RETER TO BEST (BUILDING COMPONIES SAFET INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, ZIB NORTH LEE SIREE, SUITE 312, ALEXANDRIA, VA, Z2314) AND WITCA (AROOD TRUSS COUNCIL OF AMERICA, 6300 ERITERPISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMED HES TURCTIONS. UNLESS OTHERWISE INDICATED OF CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE **★**1·6·0 **>** 3×4 **■** R=414 U=0 W=4" Design Crit: -7-0-0 Over 3 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures R-80 U-0 R-206 U-82 STONAL ENGINEE CENS No. 66648 14-10-15 80. DUR.FAC. BC LL BC DL 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 SEQN-JRFF-DRW HCUSR8228 08263033 HC-ENG med mediations to success the Scale =.375"/Ft. R8228- 93293 1TI 28228Z0J JB/DF 42520 09/19/08



Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Roof overhang supports 2.00 psf soffit load (8-231--Fill in later --ITW Building Components Group Inc. Haines City, FL 33844 FI CO: #0 278 ALPINE Wave 1.5X4 Ⅲ 4 X.5 (R) Ⅲ R=859 U=56 W=4" #2 Dense #2 Dense #3 \*\*IMPORTANT\*\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. (IN RCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PP: OR FARELACTING. (AND LOCK.) SHEPTIAG. HAS ALLIED & BRACKLED OF TRUSSES. IN COMPORES WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SEED, AFRA) AND TP: IT IN HEG COUNTECTOR PLATES ARE MADE OR 70/18/16/06, (W.1/18/S), ASTA SAS BEARE 40/60 (W. K/H.SS) GAVE. SITE. (A. APPLICABLE TO EACH FACE OF TRUSS AND, UNLESS DIFFERING LOCATED ON THIS DESIGN, POSITION PER DRAWHING SEED, AND THE TRUSS OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT DRAWHING LIBITATION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNY XA OF PPIT-2002 SEC. 3.

ANY IMPRECIATION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNY XA OF PPIT-2002 SEC. 3.

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ANY IMPRECIATION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNY XA OF PPIT-2002 SEC. 3.

ANY IMPRECIATION OF PLATES FOR THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE PROFESSIONAL P \*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HARDLING, SHIPPING, INSTALLING AND BRACING. RETER TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CTRUSS PLATE HESTIGHTE, 218 MORTH LEE STREET, SUITE 112. ALEXANDRA, VA. 22134) AND HTCA (MODO TRUSS COUNCIL G. AMERICA. 6300 ENTERPRISE LAME, MADISON, VI 52719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE 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 BUILDING DESIGNER PER 10 - 2 - 03×4/ Design Crit: 20-4-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0ver 4 X 8 ≡ 4×4≡ 2 Supports 3 X 4 ≡ IS THE RESPONSIBILITY OF THE B 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 10-2-0 3×4// OUNCENSE STONAL ENGINEE 0.66648 R=973 U=77 W=4" 1.5X4 Ⅲ 3 X 4 ≡ 80 帖 - W V-6-0 V DUR.FAC. BC LL BC DL TC DL SPACING TOT.LD. FL/-/4/-/-/R/-1.25 40.0 24.0" 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF JREF-SEQN-DRW HCUSR8228 08263062 HC-ENG Scale = .3125"/Ft. R8228- 93295 1TL28228Z01 JB/DF 41554 09/19/08

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

Left end vertical not exposed to wind pressure

Roof overhang supports 2.00 psf soffit load

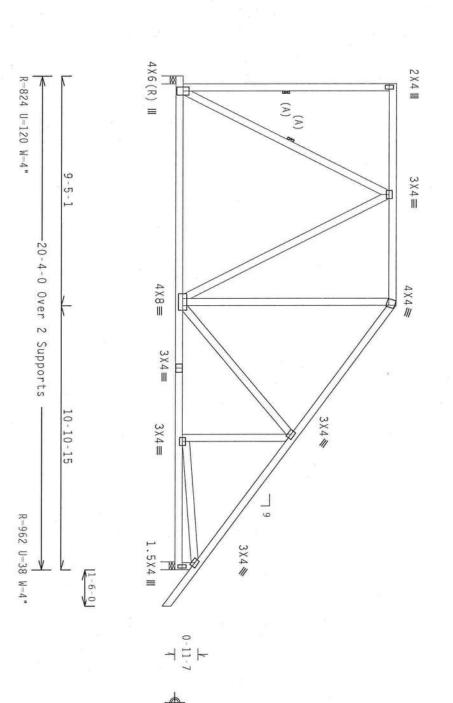
In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\prime\prime}}}\xspace$  0C.

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

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member

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

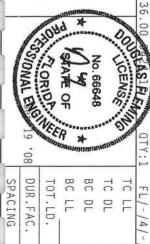
\*\*WARNING\*\* IRUSSIS BEQUIPE EXTREME CARE IN FARRICATION, IMANOLING, SHEPTING, HESTALLING AND RRACING,
BEFER TO BEST (DULLDING COMPONENT SAFETY INFORMATION), PRINTINGED BY TPT (TRUSS PLATE INSTITUTE, 218
MORTH LEE STREET, SUITE 312, ALEXANDRA, VA, 223-14) AND WICK, (4000) TRUSS COUNCIL OF MERSICA,
ENTIFERESIS LAKE, MADISON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS
OTHERWISE MOLICATED TOP CORDO SMAL HAVE PROPERLY ATTACHED STRUCTURAL PARTLES AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*CHRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM RCG. INC. SHALL NOT BE RESEMBLE FOR ANY DEFINITION FROM THIS DESIGN, ANY NATURE TO BUILD THE TRUSS IN COMPORNANCE WITH PT: OR FARELANDING, MANDLING, SHIPPLY, HISTORIA, BRANCHE OF TRUSSES.

DESIGN CONTENES WITH APPLICABLE PROVISIONS OF MAS (MATIGNAL DESIGN SPEC, BY ACKNA) AND FPL. THE RCG CONNECTOR FLATES ARE MADE OF ZO/187168A (M.H.SSEN, ASTH MASS BEARD 40/56 (M. K.M.S.), STEEL, APPLY PARTES TO LACH FACE OF TRUSS AND, UNITESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BURNINGS 1600-X. ANY INSPECTION OF PLATES FOR LOCATED AND LOCATED AND MATES ACCEPTANCE OF PROFITSSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE RUSS COMPONENT DRAWING INDICALES. ACCEPTANCE OF PROFITSSIONAL ENGINEERING RESPONSIBILITY SOLLLY FOR THE RUSS COMPONENT OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

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

ALPINE



SPACING	19 '08 DUR.FAC	TOT.LD.	R BC LL	<b>★</b>	TC DL	JC LL
ING	FAC.	LD.		E	Tes.	
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-		SEQN-	HC-ENG	DRW +	DATE	REF
JREF- 1TL28228Z01		41560	NG JB/DF	CUSR8228	09/	R8228-
228201		60	F	DRW HCUSR8228 08263034	09/19/08	93296

-/R/-

Scale = .25"/Ft.

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

Left end vertical not exposed to wind pressure

Roof overhang supports 2.00 psf soffit load

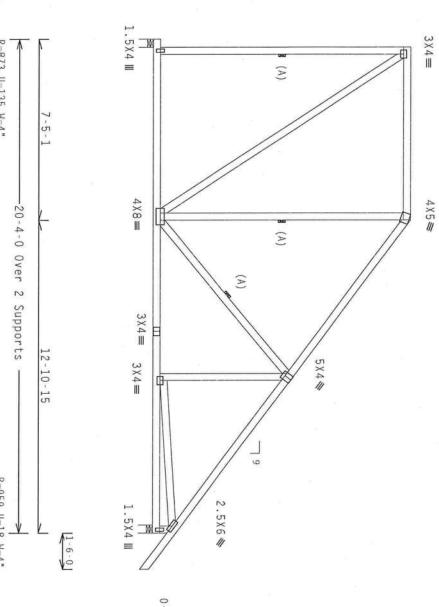
In lieu of structural panels use purlins to brace all flat TC @  $24\ ^{\circ}$  OC.

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, Iw=1.00 GCpi(+/ )=0.18

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member

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



R=873 U=135 W=4"	7-5
	5-1
-20-4-0 Over 2 Supports	12-10-15
R=959 U=18 W=4"	

\*\*WARNING\*\* IBUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED 10 MY PT (TURSS PLATE HISTITUTE, 210 MORTH CET STREIT, SUITE 137, ALEXANDRAN, VA, 22314) AND HTGA (1000) TRUSS COUNCIES OF AMERICA, 6300 ENTERPRISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HUSS FUNCTIONS. UNLESS OTHERWISE INDICATED TOF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

PLT TYP.

Wave

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF BOS (MATIGOAL DESIGN SPEC, DY AFRA) AND FEL. IIH BOC CONNECTOR PLATES ARE MADE OF ZO/LBIFGA (M.H/SSY) ASTA MASS GAAGE 40,60 (M.K/M.SS), GALV. SEELE, APPLY PLATES TO EACH FACE OF TRUSS AND, UNITES OFFERSIVE LOCATED ON THIS DESIGN, POSITION PER DAMAINES 100A-2 AND INSPECTION OF PLATES AND UNITES ADDRESS OF BRANCH AND THE SECOND SEC. A. A. SEA, OR THIS DAMAINES MADE AND THE SECOND SEC. A. A. SEA, OR THIS DAMAINES MADE AND THE SECOND SEC. A. A. SEA, OR THIS DAMAINES ADDRESS OF THE SECOND \*\*\*IMPORTANT\*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW DCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FALIDRE TO BUILD THE TRUSS IN COMPORTANCE WITH TPI: OR FARBLETING, MARDLENG, SHIPPING, INSTALLING & BRACTHE OF TRUSSES. M. POSITION PER DRAWINGS 160A-Z

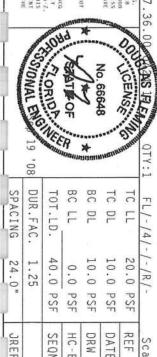
OZ SEC.3. A SEAL ON THIS

SOLELY FOR THE TRUSS COMPONENT

NG IS THE RESPONSIBILITY OF THE

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

ALPINE



FL/-/4/-/

Scale = .25"/Ft.

	19 '08	NEE	R H	* *	e a a a a	- ON
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 - 1TL28228Z01		SEQN- 41566	HC-ENG JB/DF	DRW HCUSR8228 08263035	DATE 09/19/08	REF R8228- 93297
			*	35		1 32

(8-231--Fill in later P814)

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

110 mph wind, 20.39 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=1.2 psf.

Wind reactions based on MWFRS pressures

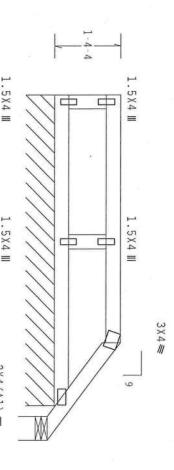
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS From From 60 PLF at 65 PLF at 4 PLF at DUR.FAC.=1.25 / 0.00 to 5.09 to 0.00 to PLATE 60 PLF at 65 PLF at 4 PLF at E DUR.FAC.=1.25) 60 PLF at 5.09 65 PLF at 7.09 4 PLF at 7.09

the same that the their source state the same of the same a statement and the same title statement to the

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

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.





 $2X4(A1) \equiv$ 

R=75 PLF U=27 PLF W=6-4-9 RL=-7 PLF -7-1-1 Over 5-1-1 N Supports 1-3-8 32 RW-20 U-11 W-5.833"

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

.03

Scale = .5"/Ft.

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BEST (QUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 210
MORTH LEE STREET, SUITE 317, ALEXANDRA, VA, 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300
ERICEPRISE LANG, MAISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING HIESE TUNCTIONS, UNLESS
OTHERWISE INDICATED TOP CHORD SHAL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE  $\infty$ 

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE FOR BUILD THE TRUES IN COMPORNANCE WITH IPI: OR FAREIGATING, HANDING, SHIPPIG, INSTALLING & BRACHING.

DESIGN CONFIDENCY WITH APPLICABLE PROPYSIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. CONFIDENCY STATES OF THE SPECIAL OF THE STATES OF THE SPECIAL OF THE STATES OF THE SPECIAL OF THE

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278

冷 SOUGENS, MILE TC LL FL/-/4/-/-/R/-

	EN 61-8113	NOT VEE	O T		NETHAL!	O. A.
SPA	DUR	TOT.LD	BC	BC I	TC	
SPACING	DUR.FAC.	.LD.	F	DL	DL	E
24.0"	1.25	40.0 PSF	0.0	10.0	10.0	20.0
-	01	PSF	0.0 PSF	10.0 PSF	0 PSF	20.0 PSF
JREF		SEQN	HC-ENG	DRW	DATE	REF
JREF- 1TL28228Z0			NG JB	HCUSR8228	0	R8228
28228		11193	JB/DF		09/19/08	
201		REV		08263063	80	93298

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Roof overhang supports 2.00 psf soffit load (8-231--Fill in later --ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278 ALPINE Wave ANY INSPECTION OF PLATES FOLLOWED BY (1) DRAWING INDICATES ACCEPTANCE OF PROFESSIONS, THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2. 1-6-0-V M1)  $2X4(A1) \equiv$ Design Crit: R = 345U=38 W=3.495" -6-4-0 Over 3 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 5-6-0 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures R-45 U-54 R=221 U=0 W=4" 7.36.00 1.5X4 III 1.5X4 III P O JOENSE OSIONAL ENGINEE No. 66648 THE CARTEST CONTROL CONTROL OF THE PARTY OF 80. BC LL BC DL DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-10.0 40.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF DATE REF SEQN-DRW HCUSR8228 08263064 HC-ENG Scale =.5"/Ft. R8228- 93299 JB/DF 41574 09/19/08

SPACING

24.0"

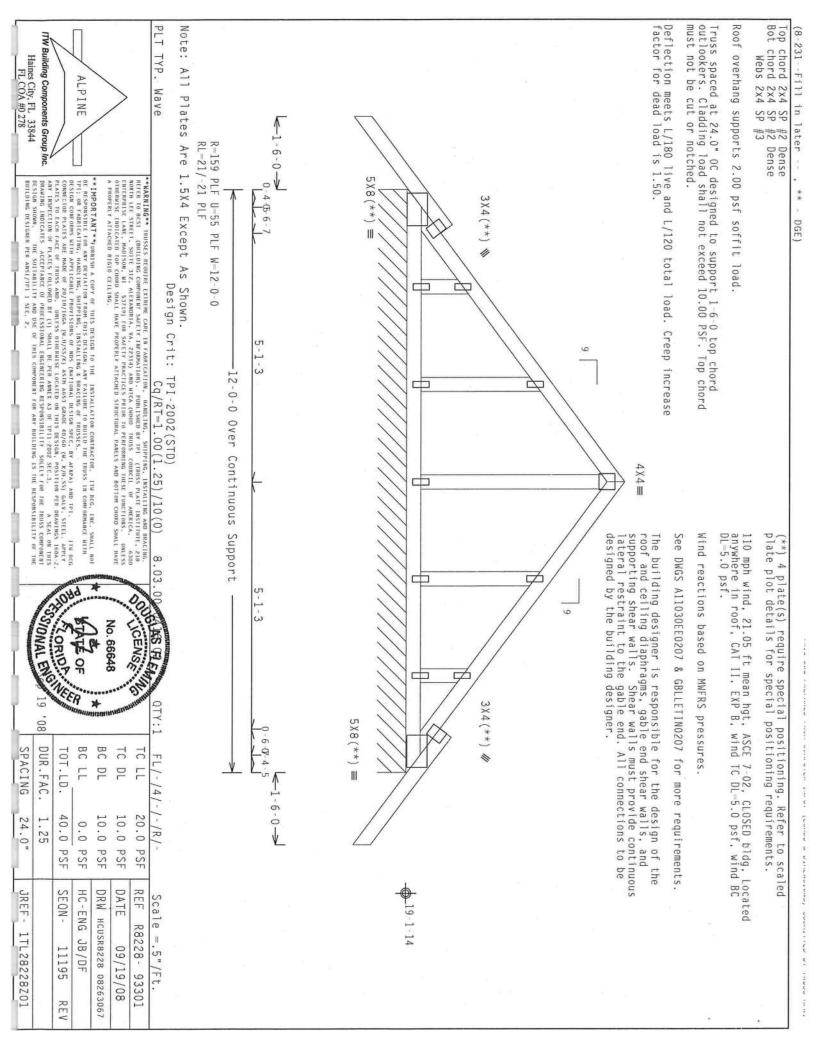
JREF -

1TL28228Z01

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 ++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING. PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 8-231--Fill in later ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278 ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO DULLD THE TRUSS IN COMPORNANCE WITH TO: OR FARBLECKTING, HANDLING, SHEPPING, HESFALLING A BRACLING OF TRUSSES, AND FOIL.

DESIGN CONFOCRIS WITH APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SPEC, BY AFREY) AND TO!. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (N.H/SS/N) ASTM A653 GRADE 40/50 (N.K/M.SS) AND DER DRAZHAS 160A-Z. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS ONTHERMISE LOCATED ON THIS BUSICE, POSITION DER DRAZHAS 160A-Z. ANY INSPECTION OF PLATES FOLGHED BY (T) SHALL BE FER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DRAZHAG INDICATES ACCEPTANCE OF PROFESSIONAL TRUSHERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULTABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING.\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MARDING, SHIPPING, INSTALLING AND BRACING. RETER TO REST. (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (FRUSS FLATE INSTITUTE, 212 MORTH LEE STREET, SUITE 312, ALEXANDRA, VA, 22344) AND WITCH (AUGNO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRIST LAME, MADISON, WI 53779) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE FUNCTIONS. UNILESS OTHERWISE INDICATED FOR FORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS. DRAWING INDICATES ACCEPTANCE OF PROFESSION.

DESIGN SHOWN. THE SUITABILITY AND USE OF BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 1-6-0-✓ 3  $2X4(A1) \equiv$ Design Crit: R=324 U-44 W=3.491" -5-4-0 Over 2 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1.5X4 III 1.5X4 Ⅲ ) 1 -0 1 -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. Iw=1.00 GCpi(+/ )=0.18 Wind reactions based on MWFRS pressures 7.36. R=197 U=24 .00 \* SOUCENSE 9-0-0 No. 66648 80. BC LL DUR.FAC. BC DL TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-40.0 10.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 08263036 JRFF- 1TL28228Z01 Scale =.5"/Ft. Constitute of these in the R8228- 93300 JB/DF 42617 09/19/08



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

Roof overhang supports 2.00 psf soffit load

Calculated horizontal deflection is 0.11" due to live load 0.25" due to dead load. and

See DWGS Al1030EE0207 & GBLLETIN0207 for more requirements

(A) Continuous lateral bracing equally spaced on member

MEMBER TO BE LATERALLY BRACED FOR OUT OF PLANE WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 23.36 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18

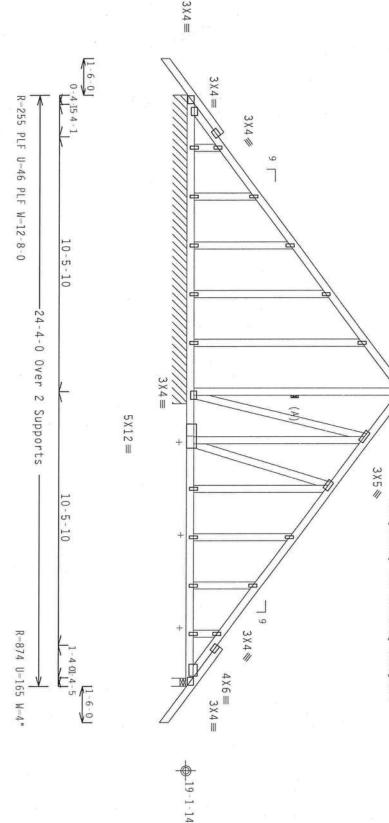
Wind reactions based on MWFRS pressures

Truss spaced at 24.0" OC designed to support 1-6-0 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.

4 X 4 ==



PLT TYP. Note: All Plates Are 1.5X4 Except As Shown. Wave Design Crit:

\*\*WARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FARRICATION. MANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO REST (DUILDING COMPONENT SAFETY INFORMATION), PRULINGED BY TPT (FRRISS PLATE INSTITUTE, 2118
ROBERT LEE SHIPET, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MOND TRUSS COUNCIL OF AMERICA, 6300
UNICENSISE LAME, MADISON, MI \$5719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS
OTHERWISE HOLDSAID FOR CORDS 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) 7.36

\*\*IMPORTANT\*\*PURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCE, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEPLATION FROM THIS DESIGN, ANY FALLMET FOR BRILD THE BROSS IN COMPORNANCE WITH PDI: OR FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACHEG OF ERUSSES, by AFARD, AND TPI, USIGN COMPORNS WITH APPLICABLE PROVISIONS OF HDS (MATIONAL DESIGN SPEC, BY AFARD, AND TPI, ITH BCG CONNECTION FOR INSTALLING A BRACHEG OF THIS DESIGN POSITION FOR BRAINING SHOW, LATER OF EACH FACE OF TRUSS, AND, UNILESS OTHERWISH, LOCATED ON HIS DESIGN, POSITION FOR BRAINING SHOW, LOCATED ON HIS DESIGN, POSITION FOR BRAINING SHOW, AND A SEAL ON THIS DESIGN OF PALTES FOLLOWED BY (1) SHALL BE PER AIMER AS OF FPI1-7002 SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SULTABLITY MOUSEL OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE BRUSS COMPONENT DESIGN SHOWN. THE SULTABLITY AND USE OF THIS SOURCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #9 278

ON ICENS JSIONAL CORIO CENSE No. 6664 7

	19 '08	NE	ER CHARACTER	*	HINKIN	Ski
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- 1TL28228Z01		SEQN- 41593	HC-ENG JB/DF	DRW HCUSR8228 08263055	DATE 09/19/08	REF R8228- 93302

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

Scale = .25"/Ft.

(8-231--Fill in later --E

was account to a tribactor

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :W8 2x8 SP #1 Dense:

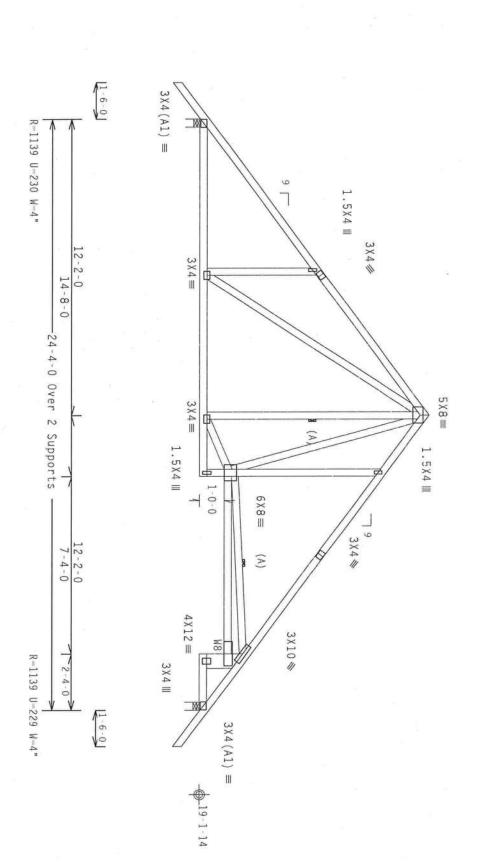
Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 23.54 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



INDRIHLEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICK (MODD TRUSS CONDICTE OF AMERICA. 632 ENTERPRISE LAME, MADISON, HI SATIP) POR SAFITY PRACTICES PRIOR TO PERCONDENIGH HESE FUNCTIONS, UNLES OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAV A PROPERLY ATTACHED RIGHD CHORD FROM HIS DESIGN ANY FAILURE TO BUILD HE RUSS IN CONFORMANCE WITH THE COLOR FOR ANY DEVIATION FROM HIS DESIGN ANY FAILURE TO BUILD HE RUSS IN CONFORMANCE WITH APPLICABLE PROVISIONS OF HAVE SHALLHOY AS SHALD RAPED (M. N.MISS) GALV, SIELL, APPLY PLANES TO EACH FACE OF TRUSS AND. HIS SOLICAL HAVE ASSOCIATED AND THE SECOND SHALL HAVE ASSOCIATED AND THE PROPERLY HAVE SHALL HAVE ANY HAVE DESIGN SHALL HAVE SHALL HAVE SHALL HAVE SHALL HAVE SHALL HAVE ASSOCIATED AND THE SECOND HAVE SHALL HAVE ASSOCIATED AND THE SHALL HAVE SHALL HAVE SHALL HAVE SHALL HAVE ASSOCIATED AND THE SHALL HAVE SHALL	CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.M/SS/K) ASIM A6S3 GRADE A0/60 (W. K/M.SS) GALY. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAINES 160A-7. ANY INSPECTION OF PLATES FOLLOWED BY () SHALL BE FER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLCEY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE	**IMPORTANT**GURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BULLD THE TRUSS IN COMPORMANCE HITH TP: OR ASSTEALING, INSTALLING A BRACING OF TRUSSES. DESIGN CONTRACT WITH ADDITION, SHIPPING, INSTALLING A BRACING OF TRUSSES.	UMPHILLE SHEEF, MULE 332, AEEXAMBRA, WA, 22313) AND WEG, ROOD TRUSS COUNCIL OF AREBICA, 639 EMERRAISE LAME, MODISON, WI 53739 POR SAFETY PRACTICES BY RICKS TO PERSONNETHING HESE FUNCTIONS. UNLES OTHERWISE HOLICARED TOP CHOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE
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ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278

ALPINE

PLT TYP.

Wave

Design Crit:

TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) CONTRACTOR OF No. 66648 80 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-, 40.0 20.0 PSF 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF

> DATE REF

09/19/08

Scale = .25"/Ft. R8228- 93303

SEQN-

41600

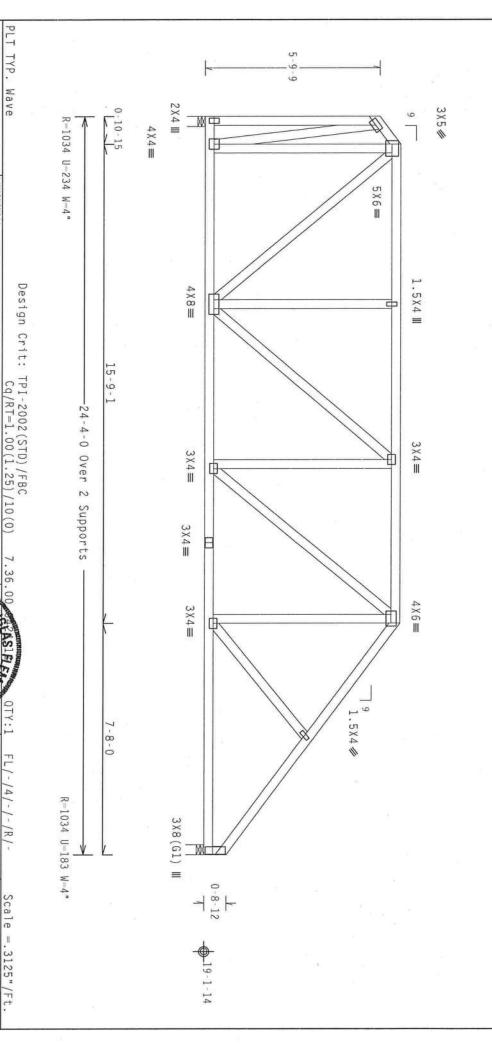
JREF - 1TL28228Z01

HC-ENG JB/DF

DRW HCUSR8228 08263045

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

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{"}$  OC.



ITW Building Components Group Inc.

DRAWING INDICATES

DESIGNER PER ANSI/TPI 1

ALPINE

\*\*IMPORTANT \*\*TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO BUILD THE THUSS IN COMPORMANCE WITH IP: OR FAMELGALING, NUMBER, SHIPPING, INSTALLING A BRACING OF PRUSSES, AND ANY FALLURE TO BUSSES, BY AREAS AND IP!. BESIGN COMPORES WITH APPLICABLE PROVISIONS OF MOS (ANTIONAL DESIGN GAPEC, BY AFRA) AND IP!. APPLY COMMERCION FLATES, ARE ANDE OF EQUIPMENT OF THE STATE AND ANY SELECT. APPLY

THIS DESIGN, POSITION PER DRAWINGS 150A-TRUSSES.

GN SPEC. BY AFAPA) AND TPI.
ADE 40/60 (W. K/H.SS) GALV.

2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT OF THE

80

DUR.FAC.

TOT.LD.

40.0

SEQN-

SPACING

24.0" 1.25

JREF-

1TL28228Z01

BC LL BC DL TC DL TC LL

0.0

PSF PSF

HC-ENG

JB/DF 41613

10.0 10.0 20.0

PSF PSF

DRW HCUSR8228 08263065

DATE REF

09/19/08

PSF

R8228- 93305

CENS

Haines City, FL 33844 FL COA #0 278

Bot PLT TYP. In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{"}$  OC. Left end vertical not exposed to wind pressure. :Rt Stubbed Wedge 2x4 SP #3: (8-231--Fill in later --ITW Building Components Group Inc. chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 Haines City, FL 33844 FL COA #0 278 ALPINE Wave 3×5/ 2X4 III R-1034 U-240 W-4" 2-10-15 \*\*IMPORTANI\*\* TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL HOT BE RESPONSIBLE FOR ANY DEVALION PROM THIS DESIGN; ANY FALLURE TO BOILD THE TRUSS IN COMPORMANCE HITH PI: ON FARRICATHO, HANDLING, SHEPPIG, HISALLING & BRACHING OF THUSSES. ASANA HAD TELL THE BCG. CONTROL THE PICK OF THE SECOND FOR THE PICK OF THE ARCHIVE PICK OF THE ARCHIVE PICK OF THE ARCHIVE ARCHIVE PICK OF THE ARCHIVE PICK OF THE ARCHIVE ARCHIVE PICK OF THE ARCHIVE ARCHIVES AND LINESS OF THE BUSINESS OF THE ARCHIVES TO EACH FACE OF THE SECOND FOR THE BUSINESS ARCHIVES AND LINESS OF THE BUSINESS OF THE BUSINESS ARCHIVES ARCHIVES AND LINESS OF THE BUSINESS OF THE BUSINESS OF THE BUSINESS ARCHIVES ARCHIVES ARCHIVES ARCHIVES OF THE BUSINESS OF THE BUSINESS ARCHIVES ARCHIVES ARCHIVES ARCHIVES OF THE BUSINESS ARCHIVES ARCHIV \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAIE INSTITUTE, ZIB 1005TH LEE STREET, SUITE 137, ALEXANDRA, VA, ZEJAJA AND NICA (MODO TRUSS COUNCIL OF AMERICA. SOACE ENTERGRADA, ALEXANDRA, VA, ZEJAJA AND NICA (MODO TRUSS COUNCIL OF AMERICA. SOACE ENTERGRADA SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TO CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI 3 X 4 ≡ VALING INDICATES 4×6≡ Design Crit: 1.5X4 ■ 4 X 8 ≡ 11-9-1 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) ·24-4-0 Over 2 Supports (A) DZ SEC.3. A SEAL ON THES
SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE 3×4≡ 110 mph wind, 23.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{.}$ Wind reactions based on MWFRS pressures (A) Continuous lateral bracing equally spaced on member UNLESS 6300 5 X 6 = 3 X 4 ≡ SONAL ENGINE No. 66648 9 1.5X4 W 9-8-0 80 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. /4/-R-1034 U-190 W-4" 40.0 24.0" 1.25 10.0 20.0 10.0 PSF -/R/-3X8(G1) 0.0 PSF PSF PSF PSF = 0-8-12 DATE SEQN-REF JREF - 1TL28228Z01 HC-ENG DRW HCUSR8228 08263046 Scale =.3125"/Ft. R8228-JB/DF 41622 09/19/08 93306

Top chord 2x4 SP #
Bot chord 2x4 SP #
Webs 2x4 SP # PLT TYP. In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}$  0C. Left end vertical not exposed to wind pressure. :Rt Slider 2x4 SP"#3: BLOCK LENGTH -(8-231--Fill in later ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278 ALPINE Wave 2X4 III 3X5# 9 R-1034 U-245 W-4" #2 Dense #2 Dense #3 4-10-15 \*\*IMPOGITANT\*\*\*SURMISM, A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH RCG. INC. SHALL HOT RERESPONSIBLE FOR ANY EVALUATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE OR FARMICATING, AMBLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

RESIGN CONTROL OF THE APPLICANT PROVISIONS OF HOS (ANTIONAL DESIGN ESPEC, BY AFRA) AND TPT.

RESIGN CONTROLS ARE MORE OF EQUIPATIONAL OF HOS (ANTIONAL DESIGN ESPEC, BY AFRA) AND TPT. \*\*WARNING\*\* 1905SIS REQUIRE LXTRUME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI. (BUILDING COMPONENT SAFETY INFORMATION), PURLISHED BY IT! (FRUSS PLATE INSTITUIT, 210 HOWIN LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND MICA (QUOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MAISON, MI S3719) FOR SAFETY PRACTICES PRIOR TO PEFFORHEN INSTITUES FUNCTIONS. UNLESS OFHERWISE HOUSEARD FOR SOME PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PLATES TO EACH FACE OF ANY INSPECTION OF PLATE ORANING INDICATES ACC 4×8≡ E4) 4X5= (2) 1.821 Design Crit: -9-1 24-4-0 Over 2 Supports S (MATIONAL DESIGN SPEC, DY AFRA) AND TPL.

O ASTH AGS3 GRANE 40/50 (W. K/H.SS) GALY. STEEL APPLY

ISE LOCATED ON THIS DESIGN, POSITION PER DRAHLINS 160A-Z.

E PER ANIX A3 OF TPI1-2002 SEC.3.

STEAL ON THIS

COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 5×6# 3 X 4 ≡ 3×4≡ 9 Wind reactions based on MWFRS pressures. 110 mph wind, 24.26 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, Iw-1.00 GCpi(+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) Continuous lateral bracing equally spaced on member 1.5X4 III 3X4// 11-8-0 7.36. STONAL ENGINEE R=1034 U=197 W=4" 3X4// 7X6(E4) =80 0-8-12 不 DUR.FAC. BC LL BC DL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 10.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF DATE REF JREF -HC-ENG DRW HCUSR8228 08263038 Scale = .25"/Ft. R8228-1TL28228Z01 JB/DF 41629 09/19/08 93307

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}$  0C. Roof overhang supports 2.00 psf soffit load PLT TYP. 8 (8-231--Fill in later --TW Building Components Group Inc. Continuous lateral bracing equally spaced on member. Haines City, FL 33844 FL COA #0 278 ALPINE Wave 1-6-0 #2 Dense #2 Dense #3 3X5(B1) = R=1389 U=107 W=4" \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, THE, SHALL NOT BE RESPONSIBLE FOR ARY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE THUSS IN COMPORNANCE WITH PILOR FARRICATHON, INABULING, SHEPTIG, HISTALLING & BRACHING OF TRUSSES, DESIGN CONTROLATION, FOR THE PROPUSIONS OF BHIS (MATIONAL DESIGN SPEC, B. VATRA) AND THI. JIH BCC CONNECTOR PRATES ARE MADE OF ZOPINJYIGA (MATISSEY) ASTA AGS3 GRADE ADJGG (MA. PJ.S.) DALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRAWHING SIGNAF, AND THIS STEELING OF POSITION OF EATER FOLOHED BY (1) SHALL BE PER ARREX AS OF THIS 2002 SEC.3. A SEAL ON THIS BRANDING INDICATES ACCEPTANCE OF PROPESSIONAL REGIONERS HAVE XAS OF THIS 2002 FOR THE TRUSS COMPONENT FOR ANY INSTRUMENT AGAINST AND THE SHITMENT AND THE BESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FAMBICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (FBUSS PLATE INSTITUIT, 218 MORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, 22314) AND MICA (ANDD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR 10 PREPORHING THESE FUNCTIONS. UNLESS OTHERWISE INFORMATION SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND NOTION CHORD SHALL HAVE A PROPERLY ATTACHED REGION OF THE STRUCTURAL PANELS AND NOTION CHORD SHALL HAVE 9 82) 1.5X4 // 9-0-0 Design Crit: 0 3×4≡ 4×6≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1-0-0 1.5X4 Ⅲ 30-0-0 Over 2 Supports 1.5X4 Ⅲ 7 X 6 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. 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. 7.36 3 X 4 == 4 X 8 ≡ 3 X 4 ≡ 21-0-0 SIONAL ENGINEE 18-4-0 3 X 4 ≡ A 3X4≡ 80 4 X 4 == DUR.FAC. BC LL BC DL TC DL TC LL TOT.LD. FL/-/4/-/-/R/-10.0 40.0 10.0 20.0 1.25 0.0 R=1266 U=142 W=4" PSF PSF PSF PSF ( PSF 4×4= 2X4 III REF DATE DRW HCUSR8228 08263039 HC-ENG Scale = .25"/Ft. ₩10-0-0 R8228-11-0-0 JB/DF 41639 09/19/08 93308 8-1-10

THE THE RESIDENCE OF PROPERTY OFFICE PROPERTY OF THE PER SHAPE SHAPE

SPACING

24.0"

JRFF- 1TL28228Z01

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for fille details. Laterally brace chord above/below filler @ 24" 0.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C. PLT TYP. exists at that point) Roof overhang supports 2.00 psf soffit load (8 (8-231--Fill in later --TW Building Components Group Inc. Continuous lateral bracing equally spaced on member. Haines City, FL 33844 FL COA #0 278 ALPINE Wave 1-6-0  $2.5 \times 6 (B1) =$ #2 Dense #2 Dense #3 R=1389 U=95 W=4" \*\*IMPORTANT\*\* THE BLESS OF THE STREET OF THE STREET OF THE STREET OF THE TRUSS IN COMPORMANCE WITH BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE OR FARRICATING, HANDLING, SHIPPING, HISTALLING & BRACKING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAFA) AND TPI. DESIGN COMPORTOR PLATES ARE HADE TO FRAIR AND THE STREET ON THIS OF THE STREET ON THIS STREET, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS RESERVE. \*\*WARNING.\*\* TRUSSIS REDUIBE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO GEST. (BUILDING COMPONENT SAFETY IMPONATION), PHRELISHED BY TPI (TRUSS PLATE INSTITUTE, 220 HORIT LE STREET, SHITE 315, ALEXANDRA, VA, ZEJAJA) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 EURICED'S) (LARE, MADISON, MI SATELY PRACTICES PRIOR TO PETERBHING THESE FUNCTIONS, UNLESS OFHERHISE HOLDSCAFED OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CHORD SHALL HAVE DRAWING INDICATES ANY INSPECTION OF PLATES F B3) 1.5X4 Ⅲ 1-0-0 CARLE PROVISIONS OF NDS (MATIONA) DESIGN SPEC, BY AFRAY) AND IPI.

11 M DGG
07 20/18/1660 (M.H/SS/R) ASIM A653 GRADE 40/60 (M. K/M.SS) GALV. STELL. APRLY
USS AND. UMLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER DRAMINGS 160A-ZBELLOWED BY (1) SHALL BE PER MANEY A'S OF IPIL-2002 SEC. 3.

A SEAL ON THIS 11-8-0 3×4/ Design Crit: for filler 1.5X4 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) = 1-0-0 4×5= 4×8≡ 1.5X4 ■ 72-4-0 7 2-0-0 30-0-0 Over 2 Supports SOLELY FOR THE TRUSS COMPONENT 3 X 4 ≡ 1.5X4 III 1.5X4 III 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ ( 7.36 3 \ 4 == 3 X 4 ≡ OO ICENTER 7-0-0 CENSE No. 66648 19-0-0 3 X 4 ≡ ENER 8 3X4= 2X4 III 7 X 8 ≡ 80 DUR.FAC. BC LL BC DL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-7-0-0 THE A PERSON A RESIDENCE AND ADDRESS TO THE RESERVED TO THE 10.0 20.0 40.0 10.0 24.0" 1.25 0.0 R=1266 U=149 PSF PSF PSF PSF 3X4(R) III (8) PSF 4×4 == JREF -REF SEQN-DATE HC-ENG DRW HCUSR8228 08263047 Scale = .25"/Ft. R8228-€11-0-0 1TL28228Z01 JB/DF 10-0-0 41646 09/19/08 93309 9-7 -10

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

110 mph wind, 21.89 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-2.0 psf, Iw=1.00 GCpi (+/-)=0.18

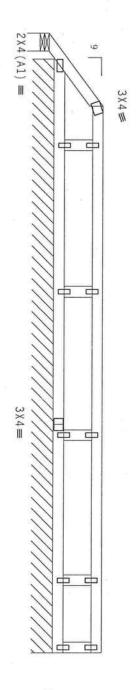
Wind reactions based on MWFRS pressures

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL From 6 LOADS ER DUR.FAC.=1.25 / 65 PLF at 0.00 t 65 PLF at 2.00 t 4 PLF at 0.00 t to PLATE TE DUR.FAC.=1.25) 65 PLF at 2.00 65 PLF at 17.00 4 PLF at 17.00

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

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



R=10 Rw=31 U=12 W=5.833" R=70 PLF U=26 PLF W=16-3-8 1-3-8 17-0-0 Over N Supports 5-0-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT

TYP.

Wave

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

/10(0)

7.36

FL/-/4/-

-/R/-

Scale = .375"/Ft. R8228-

\*\*WARNING\*\* RUSSES REGURE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RELEA TO BEST (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPT (FRUSS PLATE INSTITUIT, 218 MORTH LEE STREET, SHITE AIX, ALEXANDRA, VA, 22314) AND NICA (MORDO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE (ANT, NAUSON), NI 53719) FOR SAFETY PRACTICES PRIOR TO PREFERRING THESE FUNCTIONS. UNLESS OTHERWISE THACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS BESIGN TO THE INSTALLATION CONTRACTOR. THE NCG. THE. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE FOR BUILD THE TRUSS IN CONFORMANCE WITH FPI OR FARRICATION, MANDING, SHIPPING, 1875ALLING A BRACE OF TRUSSES, OF TRUSSES OF TRUSSES OF THE PROPERTY OF THE SESSON OF THE SESSON OF THE APPLICABLE PROVISIONS OF HIS CHAITONAL DESIGN SPEC, BY ATRAS AND TPI. ITH BEG COMMERCE NETHER AFFECT OF THE SESSON OF THE SESSON OF THE PROVISION FOR BRACHINGS OF THE SESSON OF THE SESSON OF PROPERTY OF THE BRACHINGS HOAD.

ANY INSPECTION OF PLATES FOLLOWED BY CI) SHALL BE FPE ATREX AS OF THIS POOR SECS. A SESSON OF THE TRUSS COMPONENT DESIGN SHOWN.

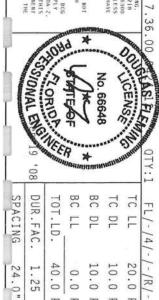
DESIGN SHOWN.

THE SULTABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED BE ASSISTED.

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



PSF PSF PSF

DRW HCUSR8228 08263049

DATE REF

09/19/08 93311

PSF PSF

HC-ENG

JB/DF 41659

SEQN-

JREF -

1TL28228Z01

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

110 mph wind, 22.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

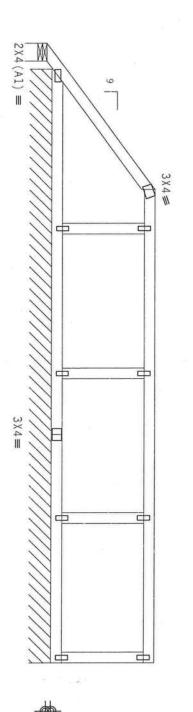
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

TC - From
TC - From
BC - From SPECIAL LOADS 65 PLF at 65 PLF at 4 PLF at R DUR.FAC.=1.25 / 65 PLF at 0.00 t 65 PLF at 4.00 t 4 PLF at 0.00 t / PLATE / TE DUR.FAC.=1.25) 65 PLF at 4.00 65 PLF at 17.00 4 PLF at 17.00

Right end vertical not exposed to wind pressure.

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



3-0-0

R--84 Rw-136 U-78 W-5.833\* R-76 PLF U-33 PLF W-16-3-8

17-0-0 Over

2

Supports

3-3-8

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP.

Wave

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

PROPERLY ATTACHED RIGID CEILING

\*\*IMPORTANT\*\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE FOR BUILD THE TRUSS IN COMPONNACE WITH PL. OR FARRECTING, HANDLIG, SHIPPIG, HISTALLING & BRACLING OF TRUSSES, BOSTON FOR THE PROPERTY OF TH

DRAWING INDICATES
DESIGN SHOWN. TO
BUILDING DESIGNER O

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

ALPINE



DATE REF

09/19/08

Scale =.375"/Ft. R8228- 93312

DRW HCUSR8228 08263050

JB/DF 41664

JRFF-

1TL28228Z0

SEQN-HC-ENG

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | 110 mph wind. 23.39 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi (+/-)=0.18PLT TYP. Note: Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{cm}$ (8-231--Fill in later --TW Building Components Group Haines City, FL 33844 FL COA #0 278 All Plates Are 1.5X4 Except As Shown. ALPINE Wave R=-80 Rw=180 U=93 W=5.833" R=76 PLF U=36 PLF W=16-3-8 2X4(A1) =#2 Dense #2 Dense #3 9 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORDANCE WITH PI: OR FAREIGNATHE, MADULES, SHEPTHEG, HEYALLING & BRACKING OF TRUSSES.

DESIGN CONTRETS AND FAREIGNATE OF THE PROVISIONS OF MDS (MATIONAL DESIGN SPEC. BY AFBYA) AND THI. THE BCG CONNECTOR PLATES AND HAVE STABLED, AND HAVE SATH AGS GRADE GOVERNOR. FOR THIS PARTY FACE OF THUSS AND, UNLESS OF THE STABLES TO EACH FACE OF THUSS AND, UNLESS OF THE STABLES TO EACH FOR THE FOR THE SOUTH FAREIGNATE OF PROFESSIONAL BEFOR MINES AND THIS DESIGN, POSITION OF PLATES FOLLOWED BY (1) SMALL BE FOR ANNEX AS OF THIS POSITION OF PLATES ACCEPTANCE OF PROFESSIONAL BEFOR MINES AND THE TRUSS COMPONENT OF THE SOUTH FOR THE SOUTH FOR THE TRUSS COMPONENT OF THE SOUTH FAREIGN FOR THE TRUSS COMPONENT OF THE SOUTH FOR THE SOUTH FAREIGN FOR THE TRUSS COMPONENT OF THE SOUTH FAREIGN FOR THE SOUTH FAREIGN FOR THE SOUTH FAREIGN FOR THE SOUTH FOR THE SOUTH FAREIGN FOR THE SOUTH \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REST. (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY PET CHRUSS PLATE INSTITUTE, 218 HORTH LEE STREET, SHITE 113, ALEXANDRA, VA, 22314) AND HIGA (HORD TRUSS COURGES OF AMERICA, 6300 ENTERCAISE, SHITE 113, ALEXANDRA, VA, 27314) AND HIGA (HORD TRUSS COURGES OF AMERICA, 6300 ENTERPRISE LAME, MAISSON, VI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS CHIEBMISE INDICATED TOP CHORD SMALL 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 PB9) ώ ά Design Crit: 3X4 # 17-0-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Over 1 Supports 3 \ 4 = 1 - 0 - 0SPECIAL LOADS
-----(LUMBER DUR.FAC.=1.25 / PLATE
TC - From 65 PLF at 0.00 to
TC - From 65 PLF at 6.00 to
RC - From 4 PLF at 0.00 to In lieu of structural panels or rigid ceiling use purlins brace all flat TC @ 24" OC, all BC @ 24" OC. Right end vertical not exposed to SOUGENS IN E SSONAL ENGINE No. 66648 80 wind pressure. TE DUR.FAC.=1.25) 65 PLF at 6.00 65 PLF at 17.00 4 PLF at 17.00 BC LL BC DL TC DL DUR.FAC. 10 SPACING TOT.LD. FL/-/4/-/-/R/-10.0 40.0 10.0 20.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF to REF JREF -DATE HC-ENG DRW HCUSR8228 08263051 Scale =.375"/Ft. R8228-1TL28228Z01 JB/DF 41669 09/19/08 93313

Note: All Plates Are 1.5X4 Except As Shown. Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. 110 mph wind, 24.14 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/ $^{\prime}$ )=0.18 Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. 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. (8-231--Fill in later --TW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278 ALPINE Wave R-79 Rw-220 U-100 W-5.833\* R-76 PLF U-39 PLF W-16-3-8 2X4(A1) =\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, TNC, SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FP: OR FARRESTATIO, HANDLING, SHEPPIG, HISTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS GRATIONAL DESIGN SPEC, BY AREA, AND THIS. ITEMS OF CONTROLS ARE MADE OF ZOTIFICAGE, CHAILED, SPEC, AND ADD THIS DESIGN, DOSITION FEE DRAWINGS 160A-Z, AREA AND, UNLESS OFFICIALS OF HIS DESIGN, POSITION FEE DRAWINGS 160A-Z, AND AND THIS DESIGN OF PLATES OFLOWED BY (1) SHALL BE FRE ANNEX AS OF TIPIT-ZOOZ SEC.3.

ANY JURGELTION OF PLATES OFLOWED BY (1) SHALL BE FER ANNEX AS OF TIPIT-ZOOZ SEC.3.

ANY JURGELTION OF PLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THUSS COMPONENT PB11) 7-3-8 Design Crit: 17-0-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Over 3×4 # 2 Supports 中 O2 SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 3 X 4 ≡ TC - From TC - From BC - From In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" 0C, all BC @ 24" 0C. Right end vertical not exposed to wind pressure. SPECIAL LOADS 7.36. 9-0-0 -(LUMBER DUR.FAC.-1.25 / I From 65 PLF at 0.00 to From 65 PLF at 8.00 to From 4 PLF at 0.00 to OCCUCENSE No. 66648 The case that there there exist with the st. Inches a particulational accustition of these and 1.25 / PLATE 0.00 to 6 8.00 to 6 0.00 to 80 TE DUR.FAC.=1.25) 65 PLF at 8.00 65 PLF at 17.00 4 PLF at 17.00 TC DL BC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-10.0 10.0 20.0 40.0 24.0" 1.25 0.0 PSF PSF PSF PSF PSF JREF -SEQN-DATE REF HC-ENG DRW HCUSR8228 08263052 Scale =.375"/Ft. R8228-1TL28228Z01 JB/DF 41674 09/19/08 93314

PLT TYP. Note: All Plates Are 1.5X4 Except As Shown. Wind reactions based on MWFRS pressures. Bot Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 110 mph wind, 24.89 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/ )=0.18 (8-231--Fill in later ITW Building Components Group t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP FL COA #0 278 ALPINE Wave 2X4(A1) =#2 Dense #2 Dense #3 -80 Rw-270 U-115 W-5.833" \*\*IMPORTANT\*\*FURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY OFFICIALS FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH FPI: OR FAREICATHO. HANDLING. SHIPPING, INSTALLING AS BACHE OF TRUSSES.

DESIGN COMPORTS WITH APPLICABLE PROVISIONS OF MIS (MATIONAL DESIGN SPEC, BY AFREA) AND IPI. THE BCG CONNECTION FAIRS ARE MADE OF ZO/129/IGAG (MATICAGA (MATICAGA) ASSA GRADE MAJOS (M. K. M. S.S.) GALV. STEEL, APPLY PALIES TO EACH FACE OF TRUSS AND. BRESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER BOANDAGE SO. ANY MISSECTION OF PLATES FOLLOWED BY C1) SHALL BE PER ADMEX A 30 TEPL 2002 SEC. 3.

ANY MESPECTION OF PLATES FOLLOWED BY C1) SHALL BE PER ADMEX A 30 TEPL 2002 SEC. 3.

ANY MESPECTION OF PLATES FOLLOWED BY C1) SHALL BE PER ADMEX A 30 TEPL 2002 SEC. 3.

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ANY MESPECTION OF PLATES FOLLOWED BY C1) SHALL BE PER ADMEX A 30 TEPL 2002 SEC. 3.

ANY MESPECTION OF PLATES FOLLOWED BY C1) SHALL BE PER ADMEX A 30 TEPL 2002 SEC. 3. \*\*WARNING\*\* TRUSSES BEQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (BUILDING COMPORED SAFETY INFORMATION). PUBLISHED BY TPT (FRUSS PLATE INSTITUTE, 2018 MORTH LEE STREET, SUITE 132. ALEXANDRIA, VA, 223-134) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERREPRESS LAKE, MANISON, MI 5379) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERWISE INDIVIDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE Design Crit: 9-3-8 9 17-0-0 R-76 PLF U-43 PLF W-16-3-8 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Over N Supports OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 3×4 # 3 \ 4 ≡ BC - -In lieu of structural panels or rigid ceiling use purlins brace-all flat TC @ 24" OC, all BC @ 24" OC. Right end vertical not exposed to SPECIAL LOADS 7.36.00 From 6 From 6 From 6 GOSGAAS FLEA 7-0-0 ER DUR.FAC.=1.25 / 65 PLF at 0.00 65 PLF at 10.00 4 PLF at 0.00 STONAL ENGINEE CENSE No. 66648 to PLATE 80 中 wind pressure. TE DUR.FAC.=1.25) 65 PLF at 10.00 65 PLF at 17.00 4 PLF at 17.00 BC DL DUR.FAC. BC LL TC DL SPACING TOT.LD. FL/-/4/-/-/R/-Ξ 20.0 40.0 10.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF PSF PSF JRFF-DATE REF SEQN-HC-ENG DRW HCUSR8228 08263053 Scale =.375"/Ft. R8228-1TL28228Z0J JB/DF 09/19/08 41679 93315

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

End verticals not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load

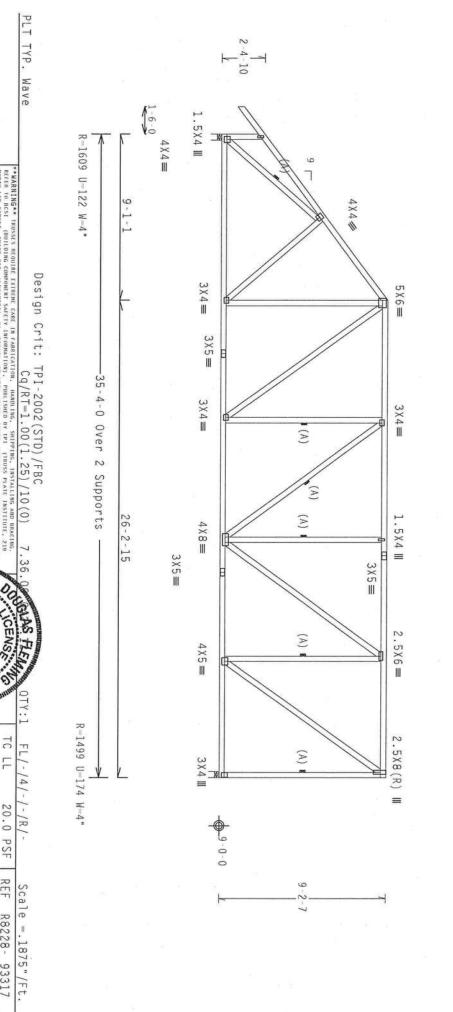
In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}\xspace$ 

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

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member.

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



ITW Building Components Group Inc

DRAWING INDICATES

ALPINE

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HDS (NATIONAL DESIGNECTOR PLATES ARE MADE OF 20/18/15GA (H.H/SS/K) ASTM A653 GRA

\*\*IMPORTANT\*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BE ESSONSTBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO MULD THE FRIFT: DE FARE CATURE, ANNOLING. SHIPPING. HISTALLING & BRACTIC OF TRUSSES.

N CONTRACTOR. ITH 8CG, INC. SHALL NOT BUILD THE IRUSS IN COMFORMANCE WITH

BC DL TC DL

10.0 PSF 10.0 PSF

DRW HCUSR8228 08263054

DATE REF

09/19/08

TC LL

20.0 PSF

R8228- 93317

80

DUR.FAC.

TOT.LD.

40.0

PSF PSF

SEQN-

41690

0.0

HC-ENG

JB/DF

SPACING

24.0" 1.25

JREF-

1TL28228Z01

312, ALEXANDRIA, VA. 22314) AND HTGA (WOOD TRUSS COUNCIL OF MR. HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORM HERS FINA CHOOD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM

HANDLING, SHIPPING, HSTALLING AND HRACHG,
PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218
TTA, (AGOOD TRUSS CONNECTL OF AMERICA, 6300
S PRIOR TO PERSORHING THESE FUNCTIONS, UNLESS

Haines City, FL 33844 FL COA #0 278

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

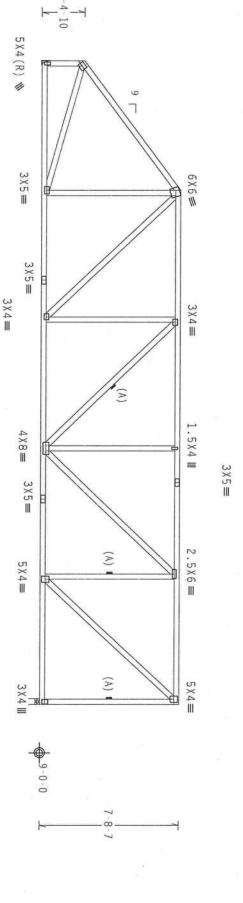
End verticals not exposed to wind pressure

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ (A) Continuous lateral bracing equally spaced on member.

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

Wind reactions based on MWFRS pressures

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\text{\ensuremath{^{\circ}}}\ .$ 



Wave R=1502 U=118 (BUILDING COMPONENT SAFETY INFORMATION). OUIRE EXTREME CAME IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, NG COMPOUNTS ASSETT WINGORALION, PURILSHID BY PIJ (TRUSS PAIR INSTITUTE, 218 312, ALEXANDRIA, VA. 22314) AND WICK (MOOD TRUSS COUNCIL OF AMERICA, 4300 BY A STANDARD AND ACCITICES FORCE TO PERSONNING THESE FUNCTIONS, UNLESS CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARKES AND BOTTON CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 35-4-0 Over 2 Supports 28-2-15 /10(0)R-1502 U-167 W-4" FL/-/4/-/-/R/-

PLT TYP.

2X4 III

\*\* IMPORTANT\*\* QUENTS A CODY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT WEGS, INC. SHALL N \*\* RESPONSABLE FOR ANY WORLATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMACE ALTH TIT: ON FABRICATING, MANDLING, SHIPPING, HISTALING & BRACING OF HUSSES.

RESIGN COMPORES WITH APPLICABLE PROPISIONS OF RDS (MATIONAL DESIGN SPEC, BY ARFA) AND IPT, CONNECTOR PAIRS, ARE MOST OF \$20/18/16AG, (H.H.SYS) (STRA MASS) GRADE 40/16G (M. K/H.SS) GALV. STEEL, APPL CONNECTOR PAIRS. ARE MOST OF \$20/18/16AG, (H.H.SYS) (STRA MASS) GRADE 40/16G (M. K/H.SS) ADE 40/60 (W. K/H.SS) GALV. SYEEL.
THIS DESIGN, POSITION PER DRAWINGS

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

ALPINE

A PROPERLY ATTACHED RIGID CEILING



24.0" JREF- 1TL28228Z01

PSF PSF

SEQN-

HC-ENG

JB/DF 42534

DRW HCUSR8228 08263001

REF

Scale = .1875"/Ft. R8228-

DATE

09/19/08 93318

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Rt Bearing Leg 2x4 SP #3:

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member

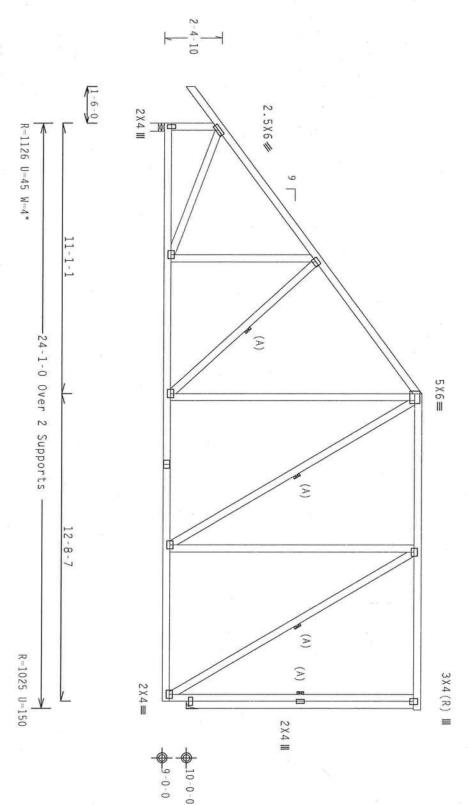
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 GCpi(+/ )=0.18

Wind reactions based on MWFRS pressures

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @  $24\ ^{\circ}$  OC.



PLT TYP. Wave Note: All Plates Are 3X4 Except As Shown.

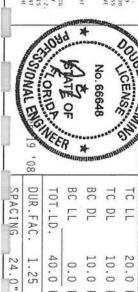
REFER TO BUSS (BUILD NORTH LEE STREET, SUITI ENTERPRISE LANE, MADISON OTHERWISE INDICATED TO A PROPERLY ATTACHED RIGID CEILING SIS ROUME EXTREME CARE IN FABRICATION, INANDILING, SHIPPING, INSTALLING AND BRACING, BULLDING COMPONER SAFITY INFORMATION), PUBLISHED BY TP (THUSS PLATE LISTITUTE, 28 SUITE 312, ALEXANDRIA, VA, 27344) AND WIZA (MROD TRUSS COUNCIL OF AREBICA, 6200 AND SWIL, MI 53719) FOR SKRITTY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. MILESS DIFFERENCE OF THE PROPERTY OF THE STATE OF THE ST Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ /10(0)7.36.

"\*\*\*IMPORTANT\*\* TRUBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONFRACTOR, UNLESSESSION TO THE INSTALLANT ON BUILD THE TRY THIS DESIGN. ANY FALLURE TO BUILD THE TRY THIS DESIGN. THE SEACHER OF TRUSSES.

DESIGN COMPONEN WITH APPLICABLE PROVISIONS OF MIS (MALIDMA DESIGN SPEC, BY AND COMMICCION PALATE ARE MADE TO ZO/JUJIANG (M.HSSN) ASTEM ASSIGNADE 40/50 (M.K.) DRAWING INDICATES E 40/60 (W. K/M.SS) GALV. IS DESIGN, POSITION PER DR TPII-2002 SEC.3. A BUILD THE TRUSS IN CONFORMANCE WITH

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

ALPINE



PSF PSF PSF

DRW HCUSR8228 08263002

PSF PSF

SEQN-

HC-ENG

JB/DF 42593

JRFF-

1TL28228Z01

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

REF

Scale = .25"/Ft. R8228-

DATE

09/19/08 93319

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Rt Bearing Leg 2x4 SP #3:

Left end vertical not exposed to wind pressure.

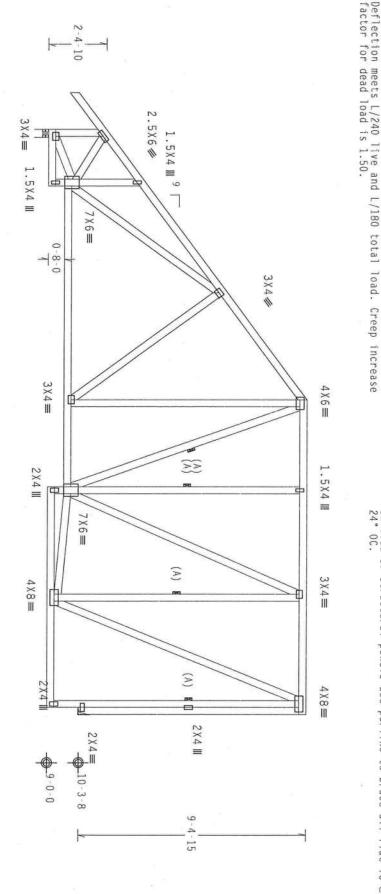
(A) Continuous lateral bracing equally spaced on member

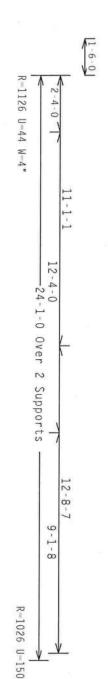
IIO mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ .$ 





REFER TO REST. (BUILDING COMPONENT SAFETY HEOGRATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO REST. (BUILDING COMPONENT SAFETY HEOGRATION), PUBLISHED BY THE CIMES PLANE INSTITUTE, 218 HORRING THE STREET, SUIFE 127, ALEXANDRIA, VA. 25.319, AND MATCH (AUGO THOSES, COUNCIL OF AMERICA, 6300 CHIEGRATISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORNING THESE FUNCTIONS, UNITESS OTHERWISE HOLDCOLDED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/

/10(0

CENSE No. 66648

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

REF DATE

Scale = .25"/Ft. R8228-

BC DL TC DL TC LL

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 08263003

09/19/08 93320

JB/DF 42598

PSF PSF

SEQN-HC-ENG

JREF -

1TL28228Z01

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRU
TPI: OR FARRICATING, MANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN COMPONEN WITH APPLICABLE PROVISIONS OF MOS (WAITHOMAL DESIGN SPEC, BY AFK CONNECTOR PLATES ARE MADE UP 20/18/16GA (M.H/SS/K), ASTM A653 GRADE 40/60 GB. K/ ANY INSPECTION OF PI (MATIONAL DESIGN SPEC, BY AFRAN) AND THI.
ASIM A653 GRADE 40/60 (W. K/M.SS) GALV. SIEEL.
SE LOCATED ON THIS DESIGN, POSITION PER DRAHIMS
PER ANNEX A3 OF TPII-2002 SEC.3. A SEAL BUILD THE TRUSS IN COMPORNANCE WITH

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

ALPINE



Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Rt Bearing Leg 2x4 SP #3: PLT 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. (A) Continuous lateral bracing equally spaced on member (8-231--Fill in later --ITW Building Components Group Inc. TYP. Haines City, FL 33844 FL COA #9 278 ALPINE Wave 11-6-0 2.5X6# 3 X 4 ≡ 1.5 X 4 III 1.5X4 Ⅲ <sup>9</sup> R=1126 U=44 W=4" 2-4-0 DESIGN SHOWN. TO BUILDING DESIGNER DESCAM CONTORNS WITH APPLICABLE PROVISIONS OF HDS (MATIONAL DESIGN SPEC, BY ARBPA) AND TRICONNECTOR PLATES ARE MADE OF ZO/18/16GA (4.1/55/K) ASTM AGES GAREE 00/50 (W. K)H.SS) GALY .
PLATES TO EACH FACE OF TRUSS ABD. MEESS OTHER HISE LOCATED ON THIS DESIGN, POSITION PER DB.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPI1-ZOOZ SEC.3. "\*\*\*MARNING\*\* THUSSES MEDITHE EXTREME CARE IN FAMRICATION, IMADILING, SHEPPING, INSTALLING AND BRACHMG.
REIER TO BCSI. (BUILDING COMPONDHEN SCRETY INFORMATION), PHIRISHID BY THE ITEMES PLAIE INSTITUTE, 218
HORTH LEE SIBEET, SUITE 312, ALEXANDENA, VA. 22314) AND MICA (MODD TRUSS CONDUCTION OF MERERA. ADD
CHIERRISE (ANK. PADISON, M. 153710) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE INVACTIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARTLES AND BOTTOM CHORD SHALL HAVE \*IMPORTANT\*\* Funnish a copy of this design to the Installation contractor. Its deg. inc. shall n be desponsible for any deviation from this design; any failure to build the trops in componentic with This or farticating, handleng, shipping, installing a backing of trusses. A PROPERLY ATTACHED RIGID CETLING 5X8≡ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 0 3×4/ 12-4-0 -24-1-0 Over 2 Supports 3 X 4 ≡ 4×6=  $\Xi$ 1.5X4 Ⅲ 2X4 III /10(0)110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/ )=0.18 In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C. Wind reactions based on MWFRS pressures. 5 X 8 ≡ Roof overhang supports 2.00 psf soffit load 12-8-7 (2) 3 X 4 ≡ 4 X 8 ≡ 9-1-8 No. 66648 R-1026 U-150 3 2X4 III 2 X 4 == 4 X 8 ≡ BC DL TC DL TC LL DUR.FAC 2X4 III SPACING TOT.LD. FL/-/4/-/-/R/-10-0-0 9-0-0 24.0" 40.0 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF JREF-SEQN-HC-ENG DRW HCUSR8228 08263004 Scale = .25"/Ft. R8228-1TL28228Z01 JB/DF 42603 09/19/08 93321

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC. UNLESS OTHERWISE SPECIFIED. PLT TYP. In lieu of structural panels or rigid ceiling use purlins brace all flat TC @ 24" OC. all BC @ 24" OC. 110 mph wind. 24.20 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II. EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/-)=0.18 Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind reactions based on MWFRS pressures 8-231--Fill in later --TW Building Components Group Haines City, FL 33844 FL COA #0 278 ALPINE Wave #2 Dense #2 Dense #3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIN BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARREATHEN, HANDLING, SHIPPIG, HISTALLING A BRACHEO OF TRUSSES.

DESIGN CONFIDENCE AND THIS AREAL PROPIED ON SOF MES (RATIONAL DESIGN SEC. S. MATERA) AND TRI. BCG COMMERCIOR PLATES ARE NOTE OF 20/18/166A (M.H/SS/N) ASH MASS GRADE 40/60 (M. M/H/SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LUCATED ON THIS DESIGN, POSITION OF BRACHEOS FORCE AND THIS DESIGN. POSITION OF PLATES FOLCOHOLD BY (I) SHALL BE PER ARREX AS OF PRIT-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROTESSIONAL BEGINNERS HAS RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE SOLITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHAPPEN FOR THE SOLITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDEING, SHEPPING, INSTALLING AND BRACING, RETER TO SECTION (BULLOING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CHUSS MAARE INSTITUTE, 210 MORTH LEE STREET, SUITE 312. ALEXANDRAL VA, ZEJIA) AND MICA (MOND TRUSS COUNCIL OF AMERICA, 6300 ENTERPENSE LAKE, MADISON, MI \$5379), FOR SAFETY PRACTICES PRIOR TO PERFORMED HISSE FUNCTIONS, UNLESS OTHERWISE HOLDSLAFED FOR GOODS SMALL MANE PROPERLY ATTACHED STRUCTURAL PARELS, AND BOTTOM CHORD SHALL MANE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL MANE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL MANE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL MANE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL MANE DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI I  $2X4(A1) \equiv$ PB6) 78 Rw-306 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) U=130 W=5.833" 9 13-0-9 Over 1.5X4 III .5X4 1 - 3 - 8N Supports R=78 PLF U=50 PLF W=12-4-1 1.5X4 III TC - From TC - From BC - From Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. (A) Continuous lateral bracing equally spaced on member Right end vertical not exposed to wind pressure. SPECIAL 8 7.36.00 1.5X4 Ⅲ 4 X 4 ≡ L LOADS (LUMBER DUR.FAC.=1.25) PLATE DUR.FAC.=1.25) rom 65 PLF at 12.00 to 65 PLF at 12.00 rom 65 PLF at 13.05 rom 4 PLF at 0.00 to 4 PLF at 13.05 1 - 0 - 92X4 III GOUGHAS FLES 2X4 III UNIONAL BUGINET CENSE No. 66648 19:8073 80 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF REF SEQN-DATE JRFF-HC-ENG DRW HCUSR8228 08263005 Scale =.3125"/Ft R8228- 93322 1TL28228Z01 JB/DF 09/19/08 41747

THE THE CONTRACT COURT CONTROL THEN TOWNS OF THE PROPERTY OF T

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

110 mph wind, 23.45 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/ )=0.18

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

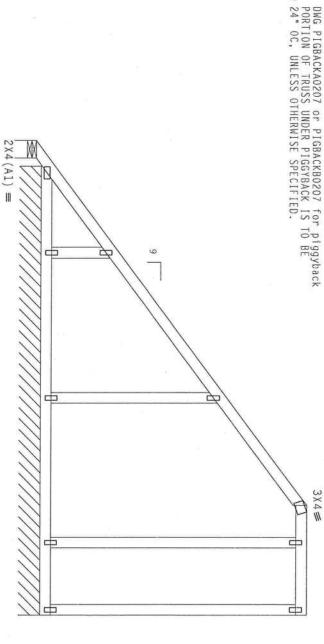
Wind reactions based on MWFRS pressures

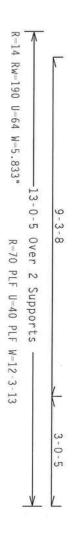
Refer to details. BRACED @

TC - From 6
TC - From 6
TC - From 6
BC - From SPECIAL LOADS ER DUR.FAC.=1.25 / 65 PLF at 0.00 t 65 PLF at 10.00 t 4 PLF at 0.00 t / PLATE DUR.FAC.=1.25)
to 65 PLF at 10.00
to 65 PLF at 13.03
to 4 PLF at 13.03 to

Right end vertical not exposed to wind pressure.

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





Note: All Plates Are 1.5X4 Except As Shown.

TYP.

\*\*WARNING\*\* IRUSSES REDUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PHOLISTIC BY TPT (CRUSS PLAIT INSTITUTE, 218 NORTH LEE SIREE, SHITE 317, ALEXANDRA, VA, 22314) AND MICA (0000 TRUSS COUNCIL OF AMERICA, 6300 ERREFERS, SHITE 317, ALEXANDRA, VA, 22314) AND MICA (0000 TRUSS COUNCIL OF AMERICA, 6300 ERREFERSELLARE, MADSSON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING HEST UNCLIONS, DRILES OTHERSTERS LARE, MADSSON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING HEST UNCLIONS, DRILES OTHERSTERS AND MOTION CHORD SHALL HAVE A PROPERTY ATTACHED STRUCTURAL PARELS AND MOTION CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

\*\*IMPORTANT\*\* FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT WGG, INC. SIMIL NOT BE RESPONSIBLE FOR ANY DEVIATION PROM THIS DESIGN, WE TAILBEET OR WILLD THE BRUSS IN COMPONEMENT HIM PPI, OR FAREFACHING, MANDLIGG, SUPPING, INSTALLIGG & BRACHING OF BRUSSES.

DESIGN CONTRECTOR PLATES ARE MADE OF 207189156A (H.M.FSN) ASTEM ASSO, GRADO 40,60 (M. KM.SS) GALV. STIEL, APPLY PLATES TO EACH FACE OF TRUSS AND. HIMLES OTHERWISE LOCATED ON THIS DESIGN, POSITION PRE DRAMINGS 150A Z. ANY TRISPECTION OF PLATES FOLKOWED BY (1) SHALL BE PER ABBLY AS OF PI) -2002 SEC. 3. AS SEA OR THIS DESIGN SHOWN.

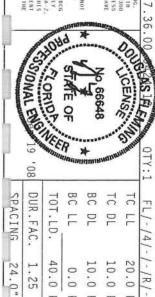
DESIGN SHOWN.

THE SULFMALLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DULLING BUILDING DESIGNERS FER ANY AND LISE OF MASS COMPONENT OF SHOWN.

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



40.0

PSF PSF

SEQN-

HC-ENG

JB/DF 41751

24.0" 1.25

JRFF-

1TL28228Z01

10.0

DATE

09/19/08 93323

20.0 PSF PSF

REF

Scale =.375"/Ft. R8228-

10.0 PSF

DRW HCUSR8228 08263006

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

110 mph wind, 22.70 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

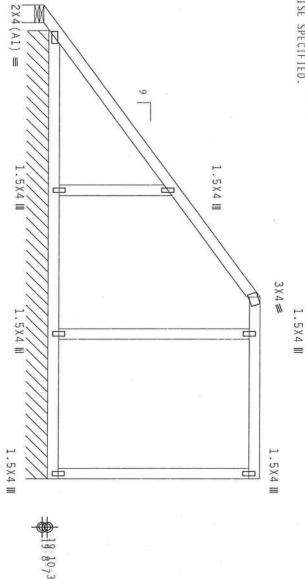
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

TC - From SPECIAL LOADS (LUMBER R DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
65 PLF at 0.00 to 65 PLF at 8.00
65 PLF at 8.00 to 65 PLF at 13.00
4 PLF at 0.00 to 4 PLF at 13.00

Right end vertical not exposed to wind pressure.

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



R=-83 Rw=211 U=101 W=5.833" R=78 PLF U=41 PLF W=12-3-9 -3-8 13 - 0 - 1Over 2 Supports 0-1

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

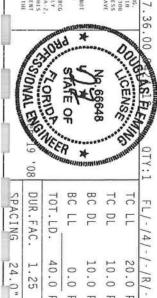
PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION PROME THIS DESIGN CAMP Y ALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FLAREFACTION, AMOUNTIES, SHIPPIGN, INSTALLING A BRACING OF TRUSSES, OF ATEADA AND TELL THE DESIGN CONFECTOR PLACES AND THE APPLICABLE PROVISIONS OF THIS SECRETARY AND THE APPLICABLE PROVISIONS OF THIS SECRETARY AND THE APPLICABLE OF ZOLD AND AND THE APPLICATE OF THIS DESIGN SECRETARY AND THE SECRETARY AND THE SECRETARY AND THE SECRETARY AND THE SECRETARY OF PROTESTOMAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY AND USE OF THIS DESIGN FOR ANY BUILDING IS THE RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR8228 08263007

JB/DF 41757

DATE REF

09/19/08 93324

Scale = .375"/Ft. R8228-

0.0 PSF PSF

SEQN-HC-ENG

24.0" 1.25 JRFF-1TL28228Z0

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

110 mph wind, 21.95 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=2.0 psf, Iw=1.00 GCpi(+/ )=0.18

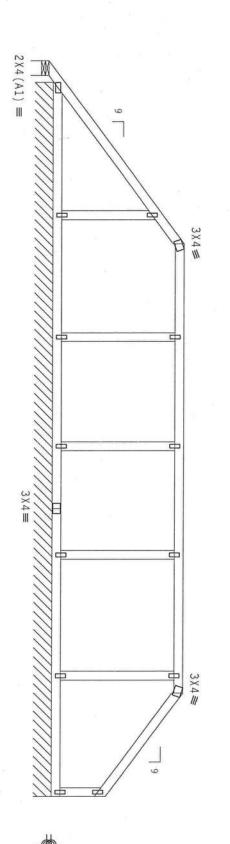
Wind reactions based on MWFRS pressures

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

Refer to DNG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



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



E19:8073

R=-79 Rw=117 U=109 W=5.833" R=74 PLF U=28 PLF W=23-6-7 5-3-8 24-2-15 Over 2 Supports 4-9-13 3-5-1

Note:

TYP.

Wave

All Plates Are 1.5X4 Except As Shown.

\*\*WARNING\*\* IRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO RGS1. (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BRY FP. (TRUSS PLATE INSTITUTE, ZIB NORTH LEE STREET, SHITE 31Z, ALEXANDRIA, VA, ZZ314) AND NICA OND TRUSS COUNCIL OF AMERICA. 6300 ENTERPRIST LANE, MADISON, MI. \$374) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ /10(0)

A PROPERLY ATTACHED RIGID CEILING

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO DHILD THE TRUSS IN COMPORNANCE WITH THIS OF FARRICATHG, HANDLING, SHEPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONFORMS, NIH APPLICABLE PROVISIONS OF HIS (MATIDNAL DESIGN SPEC, BY ATERN) AND THIS. THE BGG CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H.YS/K) ASTAT MASS BRADE 40/60 (M. KYM.SS) GALV. STEEL. APPLY LATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION DEER BRANDENS 166A-Z, LATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION DEER BRANDENS 166A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ADMEX AS OF TPIL-2002 SEC 3. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278

OZ SEC.3. A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 7.36. CONSURASI FLEX CENSE No. 66648 80 BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF JREF-SEQN-DATE REF HC-ENG DRW HCUSR8228 08263008 Scale = .3125"/Ft.

R8228-

09/19/08 93325

JB/DF 41762

1TL28228Z01

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

110 mph wind, 21.20 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf, Iw=1.00 GCpi(+/-)=0.18

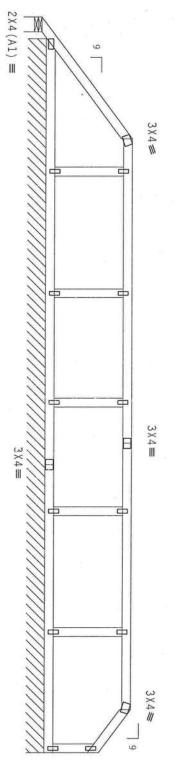
Wind reactions based on MWFRS pressures

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

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.



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



-19-8073

1-5-1

R=-77 Rw=90 U=87 W=5.833" R=74 PLF U=26 PLF W=23-6-7

24-2-15 Over

N

Supports

8-9-13

3-3-8

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP.

Wave

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

7.36.

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

Scale = .3125"/Ft.

PSF

\*\*WARNING\*\* PRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SMIPPING, IRSTALLING AND BRACING, RETER TO SECULDING COMPOUNT SACETY INFORMATION), PRULIENCE OF PT (TRUSS PLATE HESTIDITE, 2018 BORN LES SIREE, SOITE 312, ALEXANDRA, VA, 22314) AND NICA (4000 TRUSS COUNCIL OR AMERICA, 6300 ENTERPRISE LANE, MADISON, MI \$5219) FOR \$ASETY PRACTICES PRIOR TO PEPFORNING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR TOOD SWALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SWALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SWALL HAVE

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

ALPINE



40.0 24.0" 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF JREF -DATE REF SEQN-DRW HCUSR8228 08263009 HC-ENG R8228-1TL28228Z0 JB/DF 41767 09/19/08 93326

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED. 110 mph wind, 20.45 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II. EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi (+/-)=0.18Wind reactions based on MWFRS pressures. Note: (8-231--Fill in later ITW Building Components Group TYP. Haines City, FL 33844 FL COA #0 278 All Plates ALPINE Wave R=9 Rw=30 U=12 W=5.833" R=70 PLF U=23 PLF W=23-6-7 2X4(A1) =9 #2 Dense #2 Dense #3 3 Are 1.5X4 Except As Shown. 3 1 4 € \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, VAY FALURE TO BUILD THE HOUSE IN COMPORNANCE WITH FPI; OR FARBLACHING, HANDLING, HERPIFME, HESTALLING, BERACHING OF TRINSES, DESIGN CONTROLING, HANDLING, SHEPPIME, HESTALLING, BERACHING OF TRINSES, DESIGN CONTROLING, HANDLING, SHEPIME, HESTALLING, BERACHING, STEEL, APPIL BEG, CONNECTOR PLATES ARE MADE OF 20/10/16/16/6, QA,H/SS/F, ASKN M653 GRADE 40/60 QA, K/M.539 GALV. SIEEL, APPIL PLATES TO EACH FACE OF TRIESS AND. BUECES OPHERSISE LOCATED ON THIS DESIGN, POSITION OF ROADHING SIGNAL, ANY HISTECTION OF PLATES FOLLOWED BY (1) SHALL BE FIR ANNEX AS OF TEST-2002 SEC.3. A SEA, ON THIS BESIGN AND THIS DESIGN AS SEA, ON THIS BESIGN AS SEA, ON THIS BESICAL SECONDAY. \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. QUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP: [TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 1127, ALEXANDRAIA, VA, 22:214) AND VICA (HODO TRUSS COUNCIL OF MAREIGA, 6300 CHUTERPUSE LANE, MADISON, WI S3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR POROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAHELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI I PB1) Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 24-2-15 Over 3 \ 4 ≡ E 2 Supports 22-2-15 SPECIAL LOADS In lieu of structural panels or brace all flat TC @ 24" OC, all Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 3 X 4 ≡ From From OOUGENSE SSIONAL ENGINE ER DUR.FAC.=1.25 65 PLF at 0.00 65 PLF at 2.00 4 PLF at 0.00 No. 66648 =1.25 / PLATE 0.00 to 6 2.00 to 6 0.00 to \* 08 rigid ceiling use purlins BC @ 24" OC. TE DUR.FAC.=1.25)
65 PLF at 2.00
65 PLF at 24.24
4 PLF at 24.24 BC LL BC DL DUR.FAC. contraction of the property of the contraction of t TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 24.0" 1.25 10.0 0.0 PSF PSF PSF PSF PSF JREF-SEQN-DATE REF HC-ENG DRW HCUSR8228 08263010 19:8073 Scale =.3125"/Ft. R8228-1TL28228Z0J JB/DF 41772 09/19/08 93327

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

End verticals not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load

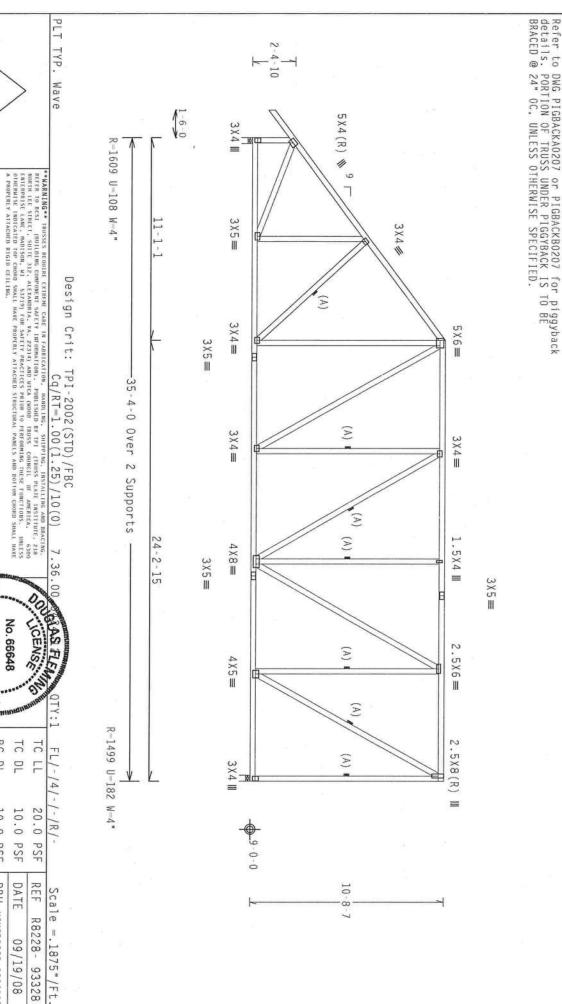
In lieu of structural panels use purlins to brace all flat  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ 0$ 0 0T

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

(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  $1.50\,\mathrm{cm}$ 



TW Building Components Group Inc.

DRAWING INDICATES ACCEPTANCE OF

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM HIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH PI; OR FABRICATING, NANDING, SHEPPIG, HEYALLING A BRACHE OF TRUSSES, BY THE PI OF THE

No. 66648

TC DL BC DL

10.0

PSF

DATE

09/19/08

10.0 PSF 0.0

DRW HCUSR8228 08263011

OF PROFESSIONAL ENGINEERING RESPONSIBILITY

OR SEC.3. A SEAR ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

80

DUR.FAC.

TOT.LD.

40.0

PSF PSF

SEQN-

HC-ENG

JB/DF 41777

SPACING

24.0" 1.25

JRFF-

1TL 28228Z0

Haines City, FL 33844 FL COA #9 278

(8-231--Fill in later --A5)

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

End verticals not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C.

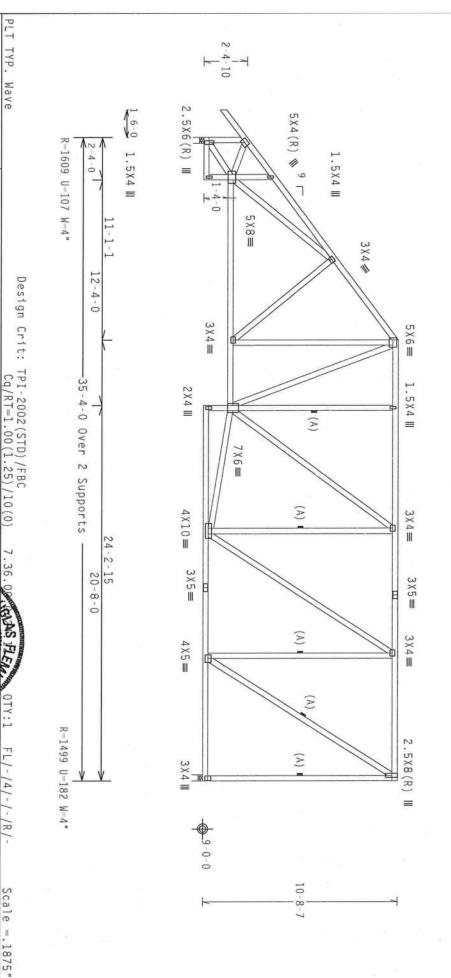
110 mph wind, 15.00 ft mean hgt, ASCE 7-02. CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/ )=0.18

commercial or investment

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.



TW Building Components Group Haines City, FL 33844 FL COA #0 278 ALPINE

PLT

TYP.

Wave

NORTH LEE STREET, SUITE 3
ENTERPRISE LANE, MADISON,
OTHERWISE INDICATED TOP C PROPERLY ATTACHED RIGID CEILING CHURE EXTREME CARE IN FARRICATION, INABDILING, SHIPPING, INSTALLING AND BRACHDA, INSTALLING AND THE STREET STREET, PROFESSANTION). PURILISED BY DIC (TRUSS PARE INSTITUTE, 218 INC. 2500 ON, MI 53719) FOR SAFETY PROFESSANTON, AND MICA, MODOU TRUSS. COUNCIL OF AMERICA. 6300 ON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INTES FUNCTIONS. UNLESS COUNCIL OF STREET, AND AUTOMOTOR OF SAFETY PRACTICES PRIOR TO PERFORMING INTES FUNCTIONS.

)/10(0)

FL/-/4/-

Scale =.1875"/Ft.

R8228-

09/19/08 93329

\*\*\* IMPORTANT\*\* "quests a copy of this design to the installation contractor. The sca, its scal hot in the second of the second DRAHING INDICATES NAL DESIGN SPEC, BY AFRICA) AND TPI. ITW BCG A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL, APPLY TED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z

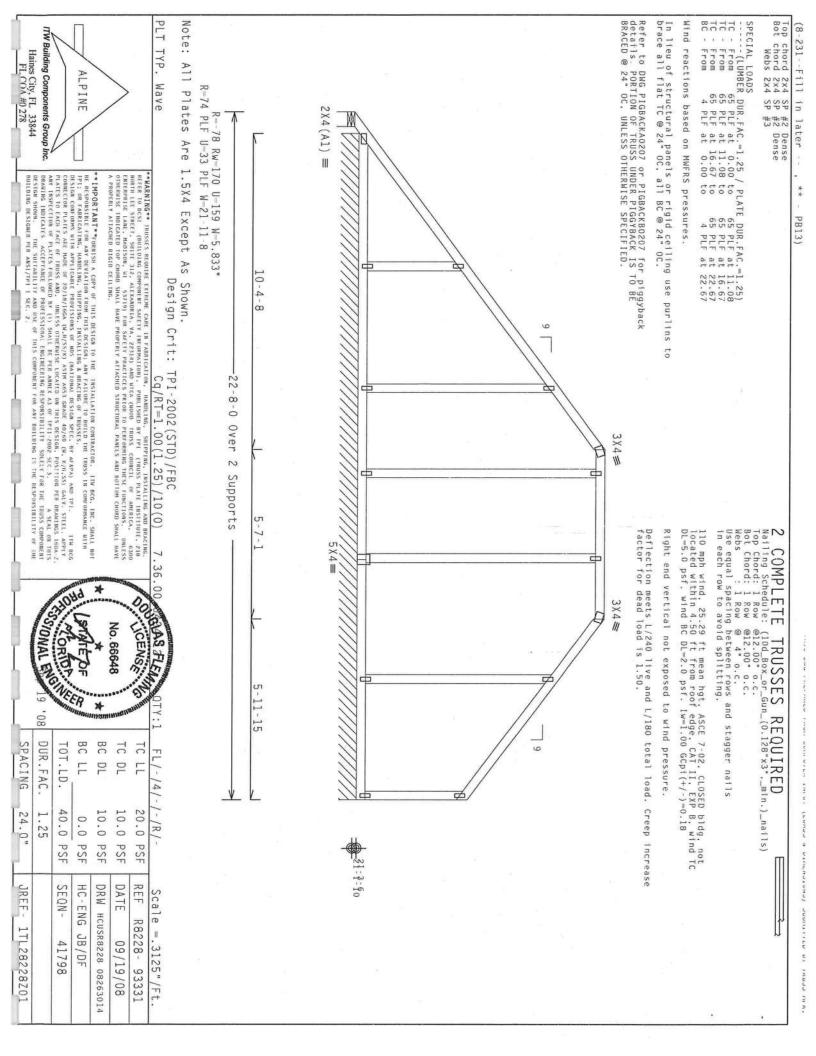
RESPONSIBILITY OF OSIONAL ENGINEE No. 66648 CENS 80 BC LL BC DL TC DL DUR.FAC. SPACING TOT.LD. 40.0 20.0 24.0 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF JRFF-DATE REF SEQN-DRW HCUSR8228 08263012 HC-ENG

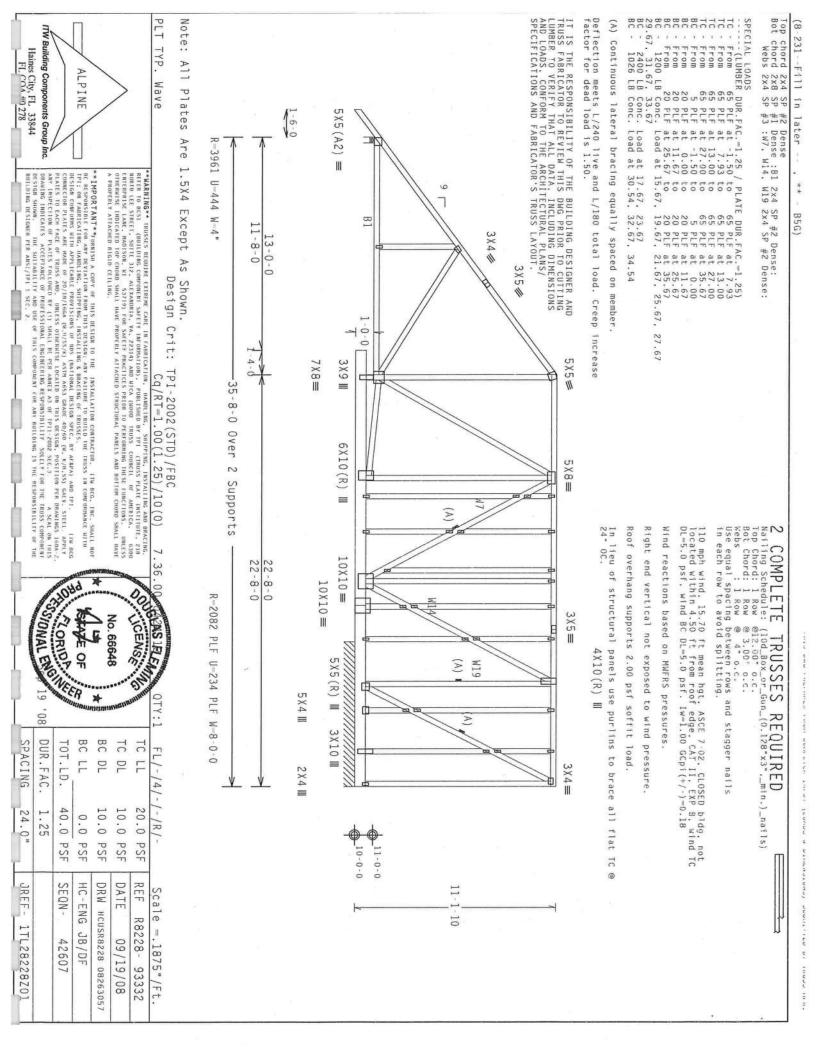
JB/DF 41782

1TL28228Z0

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP PLT In lieu of structural panels use purlins to brace all flat TC  $24\ensuremath{^{\circ}}\xspace$  0C. Roof overhang supports 2.00 psf soffit load. End verticals not exposed to wind pressure. (8-231--Fill in later --ITW Building Components Group Inc. TYP. Haines City, FL 33844 FL COA #0 278 ALPINE Wave 1-6-0 3 X 4 (R) #2 Dense #2 Dense #3 3×6/ R=1255 U=69 W=4" 4-0 1.5X4 Ⅲ 1.5X4 Ⅲ = \*\*IMPORTANT\*\*\*UBBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH NCG, INC. SHALL NOT BE RESONSTREE FOR ANY DEPLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FP: OR FAMELICATING, AND LICEUR, SHEPPING, INSTALLING & BRACHER OF TRUSSES.

BESIGN CONFORMS HITH APPLICABLE PROVISIONS OF HIS (MATICHAL DESIGN SPEC, BY ARDA) AND ITE. THE HIGG CONTRICTOR FLAIRS ARE MODE TO Z0/181/660, MINISTANCE AND ADDITIONAL DESIGN 60/60 (RV ARDA) AND THE APPLY PARTY AS GRADE 60/60 (RV ARDA) AND THE APPLY PARTY AS GRADE 60/60 (RV ARDA) AND THE APPLY PARTY AS GRADE 60/60 (RV ARDA) AND THE APPLY PARTY AS GRADE 60/60 (RV ARDA) AND THE APPLY PARTY AS GRADE 60/60 (RV ARDA) AND THE APPLY PARTY AS GRADE 60/60 (RV ARDA) AND THE APPLY PARTY AS THE ARDAY AS THE APPLY PARTY AS THE APPLY PARTY AS THE ARDAY AS THE ARDAY AS THE APPLY PARTY AS THE APPLY PARTY AS THE APPLY PARTY AS THE ARDAY AS THE APPLY PARTY AS THE ARDAY AS TH 5 X 8 ≡ NORTH LEE STREET, SUITE 3 ENTERPRISE LAME, MADISON, OTHERWISE INDICATED TOP C A PROPERLY ATTACHED RIGID CEILING 2-0-0 A6) USSES REQUIRE EXTREME CARE IN FARRICATION, IMANDING, SHIPPING, INSTALLING AND BRACING, (MULLIDING COMPOUNT SAFETY HIS GRAVING, DUBLISHED BY PS (CRUSS PLATE INSTITUTE, 28 1, SHITE 312, ALEXANDRA, FW, 22314) AND HICA (MOOD TRUSS COUNCIL OF AMERICA, UNLESS, AND SOTTOM CHOODS BRACI HAVE MICE FOR COORD SHALL HAVE PROPERLY ATFACTICES PRIOR TO PERFORMING HIS UNLESS UNDESS. 3X4W 2-4-0 Design Crit: 3 X 4 ≡ 5 X 6 ≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 35-4-0 Over 1.5X4 III 2X4 III 5 X 8 ≡ SOLELY FOR THE TRUSS COMPONENT 2 Supports /10(0) (A) 3 X 4 ≡ 4×8≡ 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. Iw=1.00 GCpi(+/)=0.18 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. 24-2-15 7.36 Continuous lateral bracing equally spaced on member 3×5≡ 3 X 5 ≡ COURS FLE R-1853 U-273 W-4" No. 66648 4 X 4 ≡ 4×4= -6-8-0-80 BC DL BC LL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-2X4 III 3 X 4 ≡ 40.0 10.0 20.0 /-/R/-10.0 24.0" 1.25 0.0 PSF PSF PSF PSF JREF -SEQN-DATE REF HC-ENG DRW HCUSR8228 08263013 10 Scale =.1875"/Ft. -8-7 R8228-1TL28228Z01 JB/DF 41787 09/19/08 93330





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

Roof overhang supports 2.00 psf soffit load

Truss spaced at 24.0" OC designed to support 1 6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is  $1.50\,\mathrm{.}$ 

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

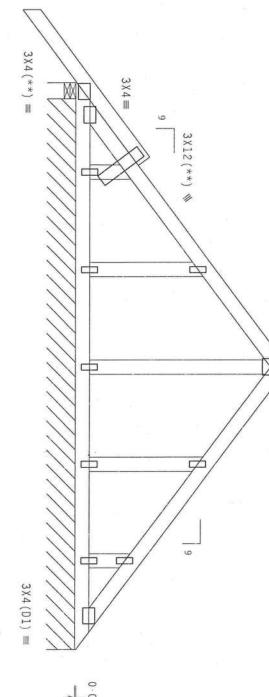
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures

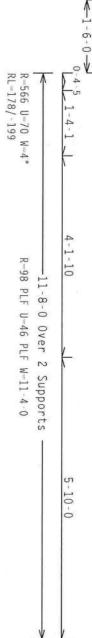
See DWGS All015EE0207 & GBLLETIN0207 for more requirements

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.

4×4≡







Note: All Plates Are 1.5X4 Except As Shown. Design Crit:

TYP.

Wave

A PROPERLY ATTACHED RIGID CEILING TPI-2002 (STD) Cq/RT=1.00(1.25)/10(0) 8.03

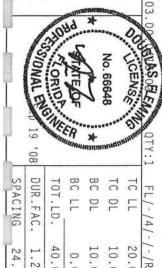
\*\*IMPORTANT\*\*FURBLES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SMALL BOT BE RESPONSIBLE FOR MAY DEVIATION PROMETHS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE HITM FPI; ON FAREICATHO, MADDING. SHIPPIG, HISTALLING & BRACEING OF TRUSSES.

DESIGN COMPORTS HITM APPLICABLE PROVISIONS OF 1005 (MAILING & BRACEING SPEC, BY ATAPA) AND FPI. ITH BCG. CONNECTION PLATES ARE HAD OF 20/18/16GA (M.18/52) ASTALAS GRADE ADJACO (M. XH.53) GALV. STEEL APPLY ELATES TO EACH FACE OF TRUSS, AND. BUILES OTHERWISE LOCATED ON HITS BESIGN. POSITION PLU BRANHOS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY CI) SMALL BE FPE ARREE AS OF FPI; 2002 SEC. 3. A SEAL ON THIS DESIGN ACCEPTANCE OF PROFESSIONAL REGIREFRING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOWN IN SUITON SHOWN. THE SUITABLETTY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNED BESTONES FOR ANY AUGUSTONES.

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



72.00		TO TO	ER BC	<b>≯</b>	TC	TC RUMBER
SPACING	DUR.FAC.	TOT.LD.	F	DL	DL	Ε
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1TL28228Z01		SEQN-	HC-ENG	DRW нси	DATE	REF R
		11191	JB/DF	HCUSR8228 08263058	09/19/08	R8228- 93
		REV		63058	80	93333

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

Scale =.5"/Ft.

SPACING

24.0"

JREF-

1TL28228Z01

```
Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3
:Lt Wedge 2x4 SP #3::Rt Wedge 2x6
                                                                                                                                                                                                                      PLT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BBBBBCC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TRUSS MAY NOT BE INSTALLED END FOR END
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8-231--Fill in later --
                                     TW Building Components Group Inc.
                                                                                                                                                                                                                      TYP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 From 65 PLF at 0.00 t
From 65 PLF at 3.83 t
From 20 PLF at 0.00 t
From 20 PLF at 0.00 t
131 LB Conc. Load at 1
131 LB Conc. Load at 3
3723 LB Conc. Load at 5
1502 LB Conc. Load at 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Haines City, FL 33844
FL COA #0 278
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (LUMBER DUR.FAC.=1.25 / From 65 PLF at 0.00 From 65 PLF at 3.83 From 20 PLF at 0.00
                                                                                            ALPINE
                                                                                                                                                                                                                   Wave
                                                                   DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/K)
                                                                                            BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY IPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & I
                                                                                                                  **IMPORTANT ** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR
                                   DRAWING INDICATES
                                                                                                                                                       NORTH LEE STREET, SUITE 3
ENTERPRISE LANE, MADISON,
DTHERWISE INDICATED TOP C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5X4 (B2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.09
3.09
5.13
7.06
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                                                                                                                                                                                                                                                                                                             R=1797 U=260 W=4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   L16)
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65 PLF at 3.83
65 PLF at 7.67
20 PLF at 7.67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    #2:
                                                                                                                                                       312, ALEXANDRIA, VA. 2231
NN. WI 53719) FOR SAFETY
CHORD SHALL HAVE PROPERLY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.5X4
                                                                                                                                                     UHISE ETREME CAME HA FARRICATION, INMBILHO, SHIPPING, INSTALLIDG AND REACHDS, NG COMPONENT SACETY THOOMANTON), PURILSHING THE FIRST CHIEF ZIB 312, ALIXANDRIA, WA. 22314) AND NICA, (MODO TRUSS COUNCIL OF AMERICA, STOCK, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNLESS COUND SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SMALL HAVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3X4#
                                                                                                                                                                                                                                    Design Crit:
                                                                                                                                                                                                                                                                                                                                                                                 3-10-0
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                                                                                                                                                                                                                                                                                                                                        7-8-0
                                                                                                                                                                                                                                                                                                                                        Over
                                                                                                                                                                                                                TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 X 8 ≡
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 X 4 ≡
                                                                                      FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH MACHINE OF TRUSSES.
                                                                                                                                                                                                                                                                                                                                  2 Supports
                                                                  /60 (W. K/H.SS) GALV. STEEL.
                    APA) AND TPI. ITW BCG
(H-SS) GALV STEEL APPLY
SITION PER DWANINGS 160A-Z.
C.3. A SEAL ON THIS
C.4. TOR THE TRUSS COMPONENT
THE RESPONSIBILITY OF THE
                                                                                                                                                                                                                                                                                                                                                                               3-10-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.5X8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5×6/
                                                                                                                                                                                                                /10(0)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        =
                                                                                                                                                                                                                                                                                                           R=4257 U=599 W=4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 110 mph wind, 15.00 ft mean hgt, ASCE 7-02. CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/ )=0.18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Wind reactions based on MWFRS pressures.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Use equal spacing between rows and stagger nails in each row to avoid splitting.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6X6 (B2)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPLETE
                                                                                                                                                                                                                   7.36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               III
                                                                                                                                                                                 CENSE
                                                                                                                                              No. 66648
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TRUSSES
                                80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REQUIRED
                                                                                                                          BC DL
                                                                                                                                                     TC DL
                                 DUR.FAC.
                                                                                                                                                                                    TC LL
 SPACING
                                                             TOT.LD.
                                                                                                                                                                                                                  FL/-/4/-
                                                                                                                                                                                                                  /-/R/-
 24.0"
                                                               40.0
                                 1.25
                                                                                                                          10.0 PSF
                                                                                                                                                        10.0 PSF
                                                                                                                                                                                      20.0 PSF
                                                                                            0.0
                                                                                            PSF
                                                               PSF
JRFF-
                                                               SEQN-
                                                                                                                                                       DATE
                                                                                                                                                                                    REF
                                                                                            HC-ENG
                                                                                                                          DRW HCUSR8228 08263061
                                                                                                                                                                                                                  Scale =.5"
                                                                                                                                                                                    R8228-
1TL28228Z0
                                                                                            JB/DF
                                                             42561
                                                                                                                                                       09/19/08
                                                                                                                                                                                    93336
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# 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

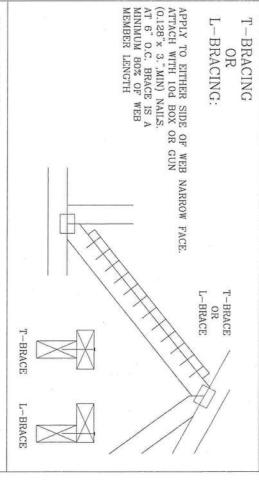
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

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

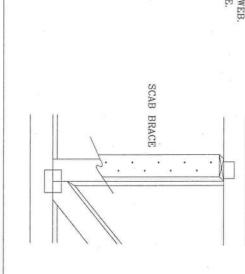
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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

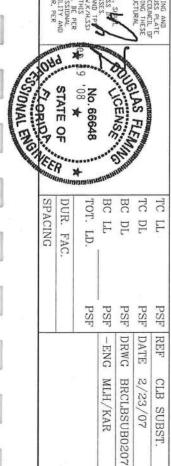


#### SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579,640





\*\*VARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATING, HANDLING, SUPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY NOTDEMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STR., SUITE 312, ALEXAMBRIA, VA. 22343) AND WTCA (\*VOIDD TRUSS COUNCIL OF AMERICA, 6300 EMERPRISE LN, MADISON, VI 53719) FOR SAFETY PACIFICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE THOUSENED, VI 53719) FOR SAFETY PACIFICES PRIOR THACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

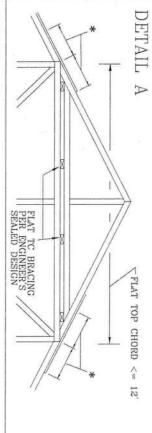
## PIGGYBACK DETAIL

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

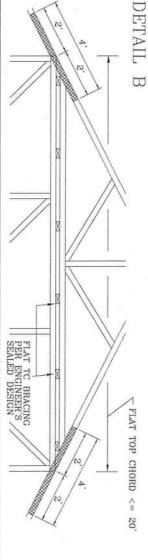
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

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

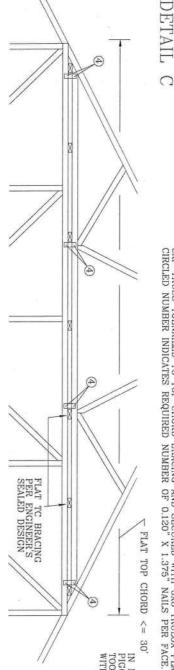


PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

\* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.



CAP TRUSS TOENAILED TO TOP CHORD BRACING AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS. CIRCLED NUMBER INDICATES REQUIRED NUMBER OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 160TL FOR TRULOX INFORMATION.

IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.

Z8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860



\*\*\*AVARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATING, HANGLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST REULDING GOMPOINENT SAFETY INGRAMITION, PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 MORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22349 AND WTCA CYDDO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LM, ANDISON, WI 53779) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE INDICATED, TOPORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

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-ENG DLJ/KAR
DRWG PIGBACKA0207
DATE 2/23/07
REF PIGGYBACK

24.0"

CHORD 非非常のことの 222

### PIGGYBACK

SPACE PIGGYBACK VERTICALS AT 4' OC MAX. REFER TO SEALED DESIGN FOR DASHED PLATES

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS: REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

130 MPH WIND, 30' MEAN HGT, ASCE 7-98, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E,\*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX. 110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

EITHER PLATE LOCATION IS ACCEPTABLE

SPLICE

W 五

20' FLAT TOP CHORD MAX SPAN

E

MAX SIZE OF 2X12 #2 OR BETTER

E 6d BOX (0.099"X 2.",MIN) NAILS.

 $\mathcal{L}_{8''}$  x  $_{8''}$  x  $_{1}/_{2''}$  rated sheathing gussets (each face) may be used in Lieu of trulox plates, attach with (8) 6d box (0.099"x 2.".Min) nails per gusset. IN CAP BC AND (4) IN BASE TRUSS FLAT TC

TYPE H D 0 W D 4X6 .5X3 5X4 4X6 2X4 30 OR 3X6 TRULOX AT 4' ROTATED VERTICALLY 1.5X4 2.5X4 SPANS 5X5 5X6 34 UP 1.5X4 2.5X4 5X5 5X6 38 TO 1.5X4 5X6 3X5 5X6 52 000

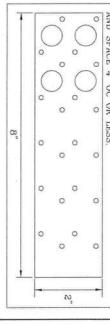
MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION. OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH PLATES WITH (8) 0.120" X 1.375" NAILS.

ATTACH TRULOX

	01	7'9	0	WEE	
	10' TO 14'	" TO 10"	TO 7'9"	WEB LENGTH	
* DICCYBACK SDECIAL DIATE	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC	7'9" TO 10' MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER, ATTACH WITH 8d BOX.  (0.113"X 2.5",MIN) NAILS AT 4" OC.	O' TO 7'9" NO BRACING	REQUIRED BRACING	WEB BRACING CHART

#### TALL LINE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4" OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634,016 634,017 80 847,045



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POMPANO BEACH, FLORIDA

\*\*WARNIUS\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, SEFER TO BEST (BULDING COMPINENT SAFETY INFORMATION, PUBLISHED BY TPE CIRKISS PLATE INSTITUTE, 218 MORTH LEE SET, SUITE 312, ALEXANDRIA, VA. 22349 AND WITCA AVOIDD TRUSS CIDNOLLING MARRICA, 6300 ENTERPRISE LN, MADISTIN, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. THE ORDER SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL

\*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE

WATHER HANKE FURNISH COPY OF THIS DESIGN TO INSTALLATION CONFRACTOR. IT BEG. INC., SHAP

NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN ANY FAILURE ID BILLD HE FRISS. IN
COMPRIBMANCE WITH 191 DR FARRICATING, HANDLING, SERPING, NEXTALING & BRACHED OF TRUSSES.

DESIGN CONNECTION PHATES ARE HADE OF PROVISIONS OF NAS CANTIDAM. DESIGN SEEG, BY AFERDA AND TPI.

IT W. DEG CONNECTION PHATES OR EACH DE HIS PROVISIONS OF NAS CANTINGS TO BEFORE 407-60 CVX.PH.SSS.

DESIGN, POSITION FOR BRACHINGS 160A-Z. ANY INSPECTION OF PHATES FOLLOWED BY FOLSHALL BE PER

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	-ENG	DRWG	DATE	REF
	DLJ/KAR	PIGBACKB020	2/23/07	PIGGYBACK
	47 PSF AT 1.15 DUR. FAC.	-ENG	DRWG -ENG	DATE DRWG -ENG

#### ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, 11 1.00, EXPOSURE 0

#1 / #2 STANDARD
#3 STUD

13 12

STANDARD STUD

HEM-FIR

DOUGLAS FIR-LARCH

SOUTHERN PINE

STANDARD

STANDARD

STUD

GROUP HEM-FIR #1 & BTR #1

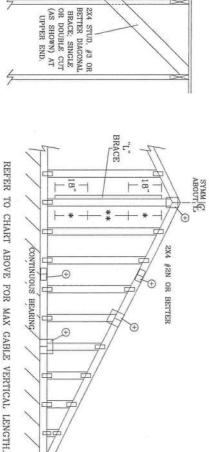
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BRACING GROUP SPECIES AND GRADES:

GROUP

A:

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3		į	U.	)	TTT	I I	770				į	U.	)	TIT	I I	770					U.	)	111	二二二	770	n T T	SPACING   SPECIES	GABLE VERTICAL
STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	AL BRACE
4' 7"	4' 9"	4. 9.	4' 11"	5,1"	4' 6"	4' 6"	4' 6"	4' 7"	4,	4, 4,	4' 4"	4' 6"		4. 1."	4' 1"	4. 1."	1.3	3' 8"	3' 9"	3' 9"	3' 11"	4' 0"	3' 7"	3' 7"	3' 7"	3' 8"	BRACES	NO
6, 9,	7' 9"	7' 11"	8 0"			7' 8"	7' 8"	8, 0,		6' 9"	6' 10"		1.0	5. 8.		6' 8"	1.8	4' 9"	5' 6"	5' 7"	6' 4"	6' 4"		5,			GROUP A	4x1 (1)
6' 9"	7' 9"	7' 11"	8' 7"	8' 7"	6' 7"	7' 8"	7' 8"	8, 2,	5' 10"	6' 9"	6' 10"			5' 8"	8, 0,		7, 5,		5' 6"	5' 7"	6' 10"	6' 10"	4' 8"	5, 5,	5, 5,	6' 6"	GROUP B	T BRACE .
8' 10"	9' 5"	-	9' 5"	9' 5"	8' 8"	9' 5"	9' 5"	9' 5"	7' 8"	8' 7"	8' 7"	8' 7"	8' 7"	7' 6"	8' 7"	8' 7"	1	6' 3"	7' 3"	7' 4"	7' 6"	7' 6"	6' 1"	7' 1"	7' 2"	7' 6"	GROUP A	(1) 234
8' 10"	9' 11"	9' 11"	10' 2"	10' 2"	8' 8"	9' 5"	9' 5"	9' 8"	7' 8"	8' 11"	9' 0"	9' 3"	9' 3"	7' 6"	100	8' 7"	8' 10"	6' 3"	7' 3"	7' 4"	8' 1"	8' 1"	6' 1"	7' 1"	0.000	7' 8"	GROUP B	L BRACE *
11' 3"	11' 3"	11' 3"	111' 3"	11' 3"	11' 3"	11' 3"	11' 3"	11' 3"	10' 3"	10' 3"	10' 3"	10' 3"	10' 3"	10′ 1″	10' 3"	10' 3"	10' 3"	8' 5"	8' 11"	8' 11"	8' 11"	8' 11"	8' 3"	8' 11"		8' 11"	GROUP A	(2) 2X4 L
11' 7"	11' 10"	11, 10,	12' 1"	12' 1"	11' 3"	11' 3"	11' 3"	11' 7"	10' 4"	10, 8,	10' 9"	11. 0.	11' 0"	10. 1.	10' 3"	10' 3"	10' 6"	8, 2,	9' 5"	9' 5"	9' 7"	9' 7"	8' 3"	8' 11"	8' 11"	9' 2"	GROUP B	BRACE **
13' 10"	14' 0"	14' 0"	14' 0"	14' 0"	13' 6"	14' 0"	14' 0"	14' 0"	11' 11"	13' 5"		13' 5"	13' 5"	11. 8.	13' 5"	13' 5"	13' 5"	9' 9"	11' 4"	11' 5"	11' 9"	11' 9"	9' 6"	11' 1"	11' 2"	11' 9"	GROUP A	(1) 2X6
13' 10"		14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"	111' 11"	14' 0"	14' 0"	14' 0"	14' 0"	11' 8"	13' 5"		13' 10"	9' 9"		11. 5.		12' 8"	9' 6"			12' 1"	GROUP B	L BRACE .
14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		14' 0"		14' 0"	14' 0"		14' 0"	14' 0"			13' 3"		14' 0"	14' 0"	14' 0"	12' 11"	14' 0"		14' 0"	GROUP B GROUP A GROUP	(2) 2X6
14' 0"	14′0″	14' 0"	14' 0"	14' 0"		14' 0"	14' 0"	14' 0"		14' 0"		14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"		12' 11"	14' 0"	14' 0"	14' 0"	GROUP B	L BRACE



BRACE IS USED. CONNECT DIAGONAL BRACE FOR 700# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.

IN TABLE ABOVE. VERTICAL LENGTH SHOWN

CONNECT DIAGONAL AT MIDPOINT OF VERTICAL WEB.

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL

GABLE TRUSS

GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE #1

DOUGLAS FIR-LARCH

82

#2

GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER LIVE LOAD DEFLECTION CRITERIA IS L/240. CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

\*\* 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

+		-	-		
REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	LESS THAN 11' 6". BUT	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
PLATES.	2.5X4	2X4	IX4 OR 2X3	NO SPLICE	LE SIZES

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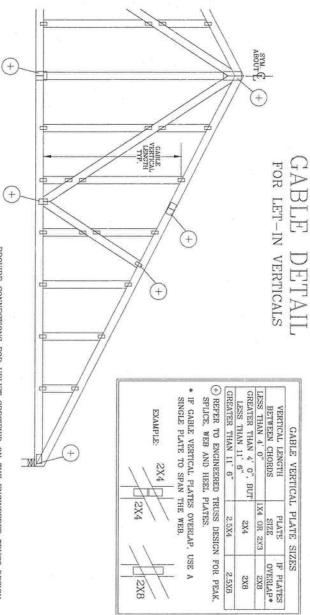
ITW BUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA

ALPINE

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MAX. SPACING	MAX. TOT. LD.	

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n.	-ENG	DRWG	DATE	REF
		A11030EE0207	2/23/07	ASCE7-02-GAB11030



ATTACH EACH "T" REINFORCING MEMBER WITH PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN

HAND DRIVEN NAILS:

GUN DRIVEN NAILS: 8d COMMON (0.1 10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS (4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AN AND BOTTOM CHORD

(4) TOENAILS IN TOP AND BOTTOM CHORD. COMMON (0.131"X 2.5", MIN) TOENAILS AT 4" O.C. PLUS

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

ASCE 7-93 GABLE DETAIL DRAWINGS

"T"
REINFORCINGMEMBER

4 TOENAILS

RIGID SHEATHING

TRUSS

TOENAILS SPACED AT 4" O.C.

ASCE 7-98 GABLE DETAIL DRAWINGS A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A10030EN0207, A09030EN0207, A09050EN0207, A09050EN0207, A09050EN0207, A09050EN0207, A09050EN0207, A09050EN0207, A09050EN0207, A0

ASCE 7-02 GABLE DETAIL DRAWINGS A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207 A08530EC0207

ASCE 7-05 GABLE DETAIL DRAWINGS A13030EE0207, A12030EE0207, A11030EE0207, A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207 A10030EE0207, A08530EE0207

A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207 A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207

SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SECCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

4 TOENAILS

CEILING

TOENAIL 2X4 "T" REINFORCING MEMBER 2X6 "T" REINFORCING MEMBER TOENAIL

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

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

WEB LENGTH INCREASE W/ BRACE

AND MRH	MBR. SIZE	
110 MPH	2x4	10 %
15 FT	2x6	40 %
110 MPH	2x4	2 01
30 FT	2x6	50 %
100 MPH	2x4	10 %
15 FT	2x6	30 %
100 MPH	2x4	10 %
30 FT	2x6	40 %
90 MPH	2x4	20 %
15 FT	2x6	20 %
90 MPH	2x4	2.01
30 FT	2x6	30 %
80 MPH	2x4	10 %
15 FT	2x6	10 %
80 MPH	2x4	20 %
30 FT	2x6	20 %
70 MPH	2x4	0 %
15 FT	2x6	2 0
70 MPH	2x4	10 %
30 57	2x6	2 01

GABLE VERTICAL = 24" O.C. SP #3 MEAN ROOF HEIGHT = 30 FT ASCE WIND SPEED = 100 MPH "T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10 (1) 2X4 "L" BRACE LENGTH = 6' 7"

"T" REINFORCED GABLE VERTICAL LENGTH 1.10 x 6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035 REF LET-IN VERT

DATE

2/23/07

DRWG

GBLLETIN0207 DLJ/KAR

\*\*VARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATING, HAVIDING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI GUILDING CORPONENT SAFETY INFORMATION, PUBLISHED BY TPI GROUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANIRIA, VA. 22314) AND WICA CAUDD INSUSS COUNCIL OF AMERICA, 6390 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS DITHEMISE NOUNCIED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL X C SGUAS FLEME SIONAL ENGINEE CENSE \*

MAX SPACING DUR. FAC. MAX TOT. LD. ANY 60 PSF 24.0"

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

\*\*IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION COMPRACTOR. ITEM BCG, INC., SHALL
NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE OF BUILD THE TRUSS IN
CONVERNANCE WITH THE OR FARRICATING, HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONVERS WITH APPLICABLE PROVISIONS OF DUS CHATTOMAL DESIGN SPEC. BY A FRAN AND THE,
ITM, BCG CONNECTOR PLATES ARE MADE OF 20/18/16/60 (V.)H-XSX/N ASS) GRADE 40/60 (V.)H-XSX/N
GALV, STEEL, APPLY PAIRTS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOWED ON THIS
GALV, STEEL, APPLY PAIRTS TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOWED ON THE SECONDARY AND THE SHITCH BE FREE
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ANNEX AS OF THE I—2002 SEC. 3. A SEAL ON THIS SEAL DRAWING MODICATES ACCEPTANCE OF PROFESSIONAL
ANNEX AS OF THE INCOME.

\*\*MINECERNOR BESPENSIBILITY SULLLY FIRE THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND
USE OF THIS GORPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER
ANSI/TPI I SEC. 2.

ALPINE

## TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C.
MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH
(2) 16d COMMON (0.162"X 3.5", MIN) NAILS.

BRACING MATERIAL TO BE STIDDLED AND ATTACHED

BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

8/12 MAXIMUM PITCH.

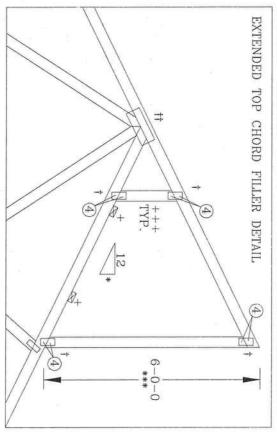
\*\* 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

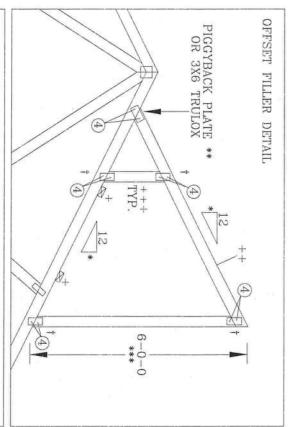
\*\*\* 6'0" MAXIMUM HEIGHT

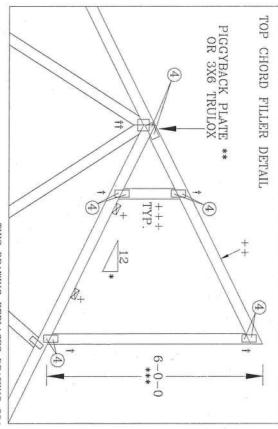
t W2X4 OR 3X6 TRULOX.

th refer to engineer's sealed design referencing this detail for lumber, plates, and other information not shown.

0.120"X 1.375" NAILS REQUIRED
FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED
IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY.
SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS







THIS DRAWING REPLACES DRAWING 884,080



\*\*WARNING\*\* TRUSSES REGUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST GBUILDING GOMPONENT SKAFETY INFORMATION, PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, 218 MORTH LEE STR., SUITE 312, ALEXANDER, VA. 22314) AND VITA VOUDD TRUSS COLUNCIL OF AMERICA, 6300 ENTERPRISE LIN, MADISON, VI 53799 FIR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OFFICENTIES IN MACHINE MAINLAL HAVE REPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE REPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PRUPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR: ITV BCG, INC., SHALL

NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN

CONTENNANCE WITH FIS OF FABRICATING, HANDLING, SHEPPING, NATIALING & BRACING OF TRUSSES

DESIGN CONTENNS WITH APPLICABLE PROVISIONS OF NOS CHATIONAL DESIGN SPEC, BY AFRAN AND FPL

ITV, BCG CONNECTOR PAIRES ARE MADE DE 20/18/19/16AG (\*\*\*JAKSAK\*\*) ASTM AGS3 GRADE 40/64 (\*\*\*JAKSAK\*\*)

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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 OS JUNLL BE FOR

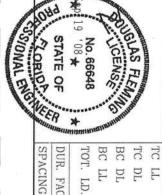
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ENGINEERING RESPONSIBILITY SOLLLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY NO

UNSEED THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER NO

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ONLY TO THE SECOND SHOWN OF THE PROPERTY DESIGN SHOWN.



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		-ENG	DRWG	DATE	REF
		SJP/KAR	TCFILLER0207	2/23/07	TC-FILLER

24.0"

# BOTTOM CHORD

SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION. OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE

0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED FOR NAILING AND TRULOX PLATE REQUIREMENTS TO EACH FACE OF THE TRUSS. SEE DWG. 160TL

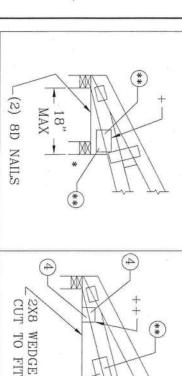
3X4 WAVE OR 4X8 TRULOX

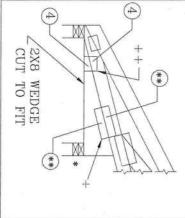
++ 2X4 WAVE OR 3X6 TRULOX

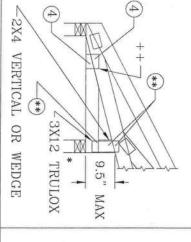
SHOWN. DETAIL REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS FOR LUMBER, PLATES, AND OTHER INFORMATION NOT

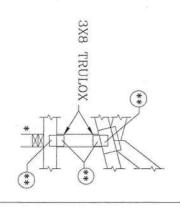
ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (\*\*)

FILLER BOTTOM CHORD	MAXIMUM REACTION	EACTION	MINIMIM	** REQUIRED	NAII	S PER FACE WITH TRULOX		PLATES
OR WEDGE SPECIES	DOWNWARD	UPLIFT	ÆΑ	1.00 D.O.L. 1.15	1.15 I	1.25 D.O.L.	D.O.L. 1.33 D.O.L. 1.60 D.O.L.	1.60 D
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	œ	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6

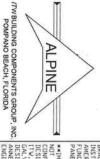








THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132



\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST GBUILDING COMPONENT SAFETY INFORMATION, DUBLISHED BY TRY CRUSS PLATE INSTITUTE, 218 MIDRIH LEE STER, SUITE 122, ALEXAMERICA, VA. 22344) AND VICA CYUDID TRUSS CIDUMEL, MAERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL

\*\*\*IMPORTANT\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL

NOT BE RESPONSIBLE FOR AWY BEVIATION FROM THIS DESIGN ANY FALLURE TO BUILD THE TRUSS IN

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ESSIGN CONTRIBUTED AFTER THE PROPERTY OF THIS CONTINUAL DESIGN SPEC. BY ARRADA AND TPA.

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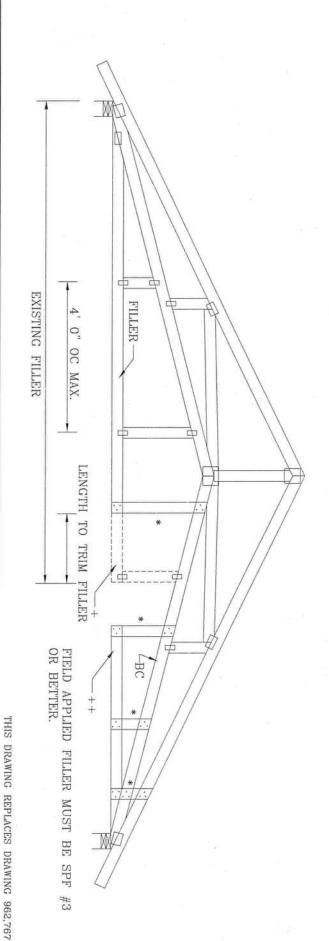
## BOTTOM CHORD FILLER REPAIR

### RECOMMENDED REPAIR PROCEDURE

- 1. MEASURE DISTANCE FOR NEW LENGTH OF FILLER
- 2. APPLY NEW 2X4 STUD GRADE OR BETTER VERTICAL SCAB TO BOTTOM CHORD AND FILLER WITH (3) NAILS 0.131" DIA. x 3.0" OR LARGER, (I.E. 10d OR 16d COMMON, SINKER, GUN, OR 16d BOX NAILS) TO EACH END OF VERTICAL.
- 3. CAREFULLY REMOVE EFFECTED CONNECTOR PLATES.
  USE CARE NOT TO DAMAGE THE REMAINING
  CONNECTOR PLATES OR LUMBER IN ANY WAY.
- 4. TRIM FILLER TO LENGTH, AT EDGE OF NEW VERTICAL SCAB.

- MAXIMUM BOTTOM CHORD LOAD IS 10 PSI
- BOTTOM CHORD FILLER TO BE REMOVED. SEE NOTE #3.
- FIELD APPLIED FILLER.
- 2X4 STUD GRADE OR BETTER VERTICAL SCAB. ATTACH TO BOTTOM CHORD AND FILLER WITH (3) NAILS WITH A MIN. 0.131" DIA. X 3.0" LENGTH.

REFER TO ENGINEER'S SEALED DESIGN
REFERENCING THIS DETAIL FOR ALLOWABLE
FILLER DIMENSIONS, PLACEMENT, AND WEBBING.





\*\*\*VARHIGE\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI (BUILDING COMPONENT SAFETY HAVDMANTIDN, PUBLISHED BY TPI CRUSS PLATE INSTITUTE, 218 MORTH LEE STR. SUITE 312, ALEXANDRIA, VA 223149 AND WTOK AVOIDD RUSS COUNCIL MARRICA, 6300 ENTERPRISE LN, MADISIN, WI 537199 FIR SAFETY PRACTICES PRIDE TO PERFORMING THESE TUNCTIONS. ONLESS OTHERWISE INDICATED, THE CHEND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHIRD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHIRD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

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DESIGN CONNECTOR PLATES, ARE MADE OF 20/10/1666 (A.M.S.SX). ANY FALLURE II BAULD HE FRUSSES.

DESIGN CONNECTOR PLATES, ARE MADE OF 20/10/1666 (A.M.S.SX). AND AGGS GRADE 40/60 (M.X.M.S.S).

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#### ASCE 7-02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, 11 1.00, EXPOSURE 0

SPRUCE-PINE-FIR
#1 / #2 STANDARD
#3 STUD

HEM-FIR
STUD
STANDARD

DOUGLAS FIR-LARCH

SOUTHERN PINE

STANDARD #3

STANDARD

GROUP B:

HEM-FIR #1 & BTR #1

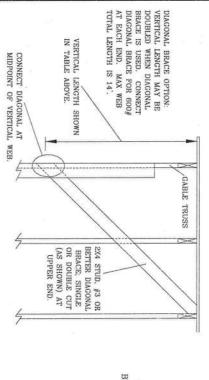
BRACING GROUP SPECIES AND GRADES:

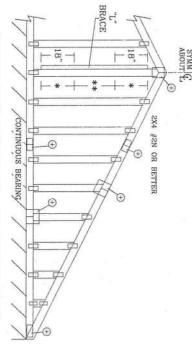
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GROUP

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			1	7	)	TIT	I I	CT	C T T			1	<i>ر</i> ر	)	TIL	I I	ひてに	C E E	1	DH'L		7	)	TIT	I I	UTT	E E	SPECIES	2X4 GABLE VERTICAL
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 11"	5, 0,	-		5. 4."	4' 9"	4' 9"	4' 9"	4' 11"	4. 5.	4' 6"	4' 6"	4. 9.	4' 10"		4' 4"	4 4"	4. 5.	3' 10"	4' 0"	4' 0"	4. 2.	4' 3"	3' 9"	3' 9"	3' 9"	3' 10"	BRACES	N O
	7' 5"	8,	8, 2,		8 5"	1 3		8 5"	8. 5.		7' 6"	1.3	7' 8"	7' 8"			100		5.	6' 1"	100	6' 8"	6' 8"	(N)	6' 0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
	7, 5,	8' 7"	8, 5,		9' 1"	7' 3"	- 1	8' 5"	100	6' 5"	7' 6"	7' 7"	8' 3"	8 3"	100	7' 4"		7' 10"	5' 3"			7' 2"	7' 2"	5' 2"	6' 0"		6' 10"	GROUP B	." BRACE .
	9' 10"	10' 0"	10' 0"		10' 0"	9' 7"		10, 0,			9' 1"	9, 1,		9' 1"		9' 1"		9, 1,	6' 11"	7' 11"		7' 11"	7' 11"	6' 9"	7' 11"		7' 11"	GROUP A	(1) 2X4 "
(AS	9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	9' 7"	10' 0"	10, 0,	10' 3"		9' 6"	9' 6"		9' 9"	8' 4"	9' 1"		9' 4"	6' 11"		8' 1"		8' 6"	6' 9"	7' 11"	7' 11"	8 1"	GROUP B	"L" BRACE *
CI NRAB	11, 11,	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	111' 11"	11' 11"	1.3		10' 10"			10' 10'	K 34	10' 10"	10' 10"	9' 4"		9' 5"	9' 5"	9' 5"	9' 1"	9' 5"	9' 5"	9' 5"	GROUP A	(2) 2X4 "L"
	12' 3"	12' 6"	12' 6"	12' 10"	12' 10"	11' 11"	11, 11,	11, 11,	12' 3"		11' 4"	11' 4"	11' 8"	11' 8"	10' 10"		10' 10"		9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9' 5"	9' 5"	9' 8"	GROUP B	" BRACE **
	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	13' 3"		14' 0"	14' 0"		12' 11"	14' 0"		14' 0"	10' 10"		12' 5"	1	12' 5"	2	12' 3"		12' 5"	GROUP A	(1) 2X6 "L"
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	14' 0"		14' 0"												14' 0"					14' 0"			14' 0"	- 3	14' 0"	14' 0"	14' 0"	GROUP A	(2) 2X6 "L"
	14' 0"		14' 0"												14' 0"								14' 0'	14' 0"	14' 0"	14' 0'	14' 0'	GROUP	BRACE





GABLE
TRUSS
DETAIL
NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

#2

1 3

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

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

2.5X4	GREATER THAN 11 6 2.5X4
2X4	GREATER THAN 4' 0", BUT LESS THAN 11' 6"
IX4 OR 2X3	_
NO SPLICE	VERTICAL LENGTH
E SIZES	GABLE VERTICAL PLATE SIZES

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DESIGN CONTINNS YITH APPLICABLE PROVISIONS OF NIS (NATIONAL DESIGN SPEC, BY AFEN) AND THE DESIGN SPEC BY AFEN ARE MADE OF 20/18/1604 (V) AVSS/XX ASTEM A653 GRADE ON HIS GALVES TO EACH FACE OF TRUSS AND, UNLESS OFHERWISE LOGATED ON HIS DESIGN. POSITION PER DRAVINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AND THE 1-2002 SEC. 3. A SEAL ON HIS SPANING INDICATES ACCEPTANCE OF PROFESSIONAL REMINEERING RESPONSIBILITY SULLLY FIRE THE TRUSS COMPONENT DESIGN SHOWN. THE SULTABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSIZITIE I SEC. 2.	**************************************	INSTITUTE, 218 NIRH LEE SIR., SUITE 312, ALEXANDRIA, VA. 22314 AND WICA VOIDD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LIM, MADISON, WI 537199 IDE SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE

REFER TO CHART ABOVE FOR

MAX GABLE VERTICAL LENGTH.

ITWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

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OSTONAL END	ORIOT AND	STATE OF STATE	No.66648	OU LICENS COM	GAS FLEW
	MAX.		7-11/21		
	MAX. SPACING 24.0"		MAX. TOT. LD. 60 PSF		
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TOTAL FEES CHARGED	SCHOOL IMPACT FEE	CORRECTIONS IMPACT FEE 00100003632200	FIRE PROTECTION IMPACT FEE 10200003632220	10300003632210	ROAD IMPACT FEE (10100003632400)	FEED:
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