DATE 07/03/	/2007_ Columbia Cour	nty Building Pe	rmit PERMIT	
	This Permit Expires O	ne Year From the Date of	Issue 000025986	
APPLICANT	ROXANNE NAPIER	PHONE	719-7143	
ADDRESS	2109 W US HIGHWAY 90	LAKE CITY	FL 32055	
OWNER	NILESH & RUPAL PATEL	PHONE	754-5969	
ADDRESS	NW FAIRWAY DRIVE	LAKE CITY	FL 32024	
CONTRACTOR	R ISAAC CONSTRUCTION	PHONE	<u>719-7143</u>	
LOCATION OF	PROPERTY 90W, TR ON COMMERCE	E,GOES INTO FAIRWAY DR.,T	L ON CLUB VIEW	_
	CIRCLE, 4TH ON LEFT			_
TYPE DEVELO	OPMENT SFD,UTILITY	ESTIMATED COST OF CO	ISTRUCTION 265600.00	
HEATED FLOO	OR AREA 5312.00 TOTA	L AREA 6765.00	HEIGHT STORIES 2	
FOUNDATION	CONC WALLS FRAMED	ROOF PITCH 5/12	FLOOR SLAB	_
LAND USE & 2	ZONING RSF-2	MAX.	HEIGHT 31	
Minimum Set B	Back Requirments: STREET-FRONT	25.00 REAR	15.00 SIDE 10.00	
NO. EX.D.U.	0 FLOOD ZONE A	DEVELOPMENT PERM	IT NO.	
PARCEL ID	26-3S-16-02309-028 SUBDI	IVISION FAIRWAY VIEW		
LOT 1	BLOCK PHASE UN	TOTA	LACRES 1.00	
000001413	5586	Raco	a Mass	
Culvert Permit N		se Number A	pplicant/Owner/Contractor	
WAIVER	X07-277 BK			
Driveway Conne	ection Septic Tank Number LU &	& Zoning checked by Appr	oved for Issuance New Resident	
,				
-	FINISHED FLOOR TO BE 108.3,ELEV.CONFIR	-	,	_
COMMENTS:	•	RMATION LETTER REQUIRED	,	_
COMMENTS:	FINISHED FLOOR TO BE 108.3,ELEV.CONFIR	RMATION LETTER REQUIRED ED AREAS	Check # or Cash 8516	_ _ 
COMMENTS: GRADE ROAD	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRWAY SWALE TO DRAIN, SOD ALL DISTURBI	RMATION LETTER REQUIRED ED AREAS	Check # or Cash 8516	_ _ <b>_</b> _
COMMENTS: GRADE ROAD	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRWAY SWALE TO DRAIN, SOD ALL DISTURBING & Z	RMATION LETTER REQUIRED	Check # or Cash 8516	_ _ 
COMMENTS: GRADE ROAD' NOC ON FILE	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRWAY SWALE TO DRAIN, SOD ALL DISTURBING & Z	RMATION LETTER REQUIRED	Check # or Cash 8516  ONLY (footer/Slab)	_ _ 
COMMENTS: GRADE ROAD' NOC ON FILE	FINISHED FLOOR TO BE 108.3,ELEV.CONFIR WAY SWALE TO DRAIN, SOD ALL DISTURBITE  FOR BUILDING & Z  er  foundation  date/app. by	CONING DEPARTMENT (date/app. by	Check # or Cash 8516  ONLY (footer/Slab)  Monolithic date/app. by  Sheathing/Nailing	_ 
COMMENTS: GRADE ROAD' NOC ON FILE  Temporary Power Under slab rough	FINISHED FLOOR TO BE 108.3,ELEV.CONFIR WAY SWALE TO DRAIN, SOD ALL DISTURBING  FOR BUILDING & Z  er  Foundation  date/app. by  h-in plumbing  date/app. by	CONING DEPARTMENT (  date/app. by  date/app. by	Check # or Cash  ONLY  (footer/Slab)  Monolithic  date/app. by  Sheathing/Nailing  date/app. by	- - - -
COMMENTS: GRADE ROAD' NOC ON FILE Temporary Power	FINISHED FLOOR TO BE 108.3,ELEV.CONFIR WAY SWALE TO DRAIN, SOD ALL DISTURBI  FOR BUILDING & Z  er  Foundation  date/app. by  h-in plumbing  date/app. by  Rough-in plum	CONING DEPARTMENT (date/app. by	Check # or Cash 8516  ONLY (footer/Slab)  Monolithic date/app. by  Sheathing/Nailing date/app. by  floor	_ 
COMMENTS: GRADE ROAD' NOC ON FILE  Temporary Power Under slab rough	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRWAY SWALE TO DRAIN, SOD ALL DISTURBING & Z  FOR BUILDING & Z  Foundation date/app. by  h-in plumbing date/app. by  Rough-in plum date/app. by	CONING DEPARTMENT (date/app. by bing above slab and below wood)	Check # or Cash  ONLY  (footer/Slab)  Monolithic  date/app. by  Sheathing/Nailing  date/app. by  floor  date/app. by	- - - -
COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBS  FOR BUILDING & Z  er  Foundation  date/app. by  h-in plumbing  date/app. by  Rough-in plum  date/app. by	CONING DEPARTMENT (date/app. by bing above slab and below wood)	Check # or Cash 8516  ONLY (footer/Slab)  Monolithic date/app. by  Sheathing/Nailing date/app. by  floor	
COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBING & Z  FOR BUILDING & Z  Foundation  date/app. by  date/app. by  Rough-in plum  date/app. by  a-in  date/app. by  C.O. Final	CONING DEPARTMENT (date/app. by bing above slab and below wood act	Check # or Cash  ONLY  (footer/Slab)  Monolithic  date/app. by  Sheathing/Nailing  date/app. by  floor  date/app. by  eri. beam (Lintel)  Culvert	
COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough Framing Electrical rough Permanent power	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBING & Z  FOR BUILDING & Z  Foundation  date/app. by  date/app. by  Rough-in plum  date/app. by  h-in Heat & Air Du  date/app. by	CONING DEPARTMENT (date/app. by bing above slab and below wood act	Check # or Cash  ONLY  (footer/Slab)  Monolithic  date/app. by  Sheathing/Nailing  date/app. by  floor  date/app. by  eri. beam (Lintel)  date/app. by	
COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough Framing Electrical rough Permanent power M/H tie downs, b	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBS  FOR BUILDING & Z  er Foundation  date/app. by  h-in plumbing  date/app. by  a-in Rough-in plum  date/app. by  a-in Adate/app. by  cr C.O. Final  date/app. by  plocking, electricity and plumbing	CONING DEPARTMENT (  date/app. by  Slab  date/app. by  bing above slab and below wood  act  date/app. by  date/app. by	Check # or Cash  ONLY  (footer/Slab)  Monolithic  date/app. by  Sheathing/Nailing  date/app. by  floor  date/app. by  eri. beam (Lintel)  Culvert  date/app. by  Pool  date/app. by	
COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough Framing Electrical rough	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBS  FOR BUILDING & Z  er Foundation  date/app. by  h-in plumbing  date/app. by  read date/app. by  read date/app. by  cread date/app. by  colocking, electricity and plumbing  decompany date/app. by  colocking, electricity and plumbing  decompany date/app. by  colocking, electricity and plumbing	CONING DEPARTMENT (  date/app. by  Slab  date/app. by  bing above slab and below wood  act  date/app. by  date/app. by  Utility Pole	Check # or Cash  ONLY  (footer/Slab)  Monolithic  date/app. by  Sheathing/Nailing  date/app. by  floor  date/app. by  eri. beam (Lintel)  Culvert  date/app. by  Pool  date/app. by	
COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough Framing Electrical rough Permanent power M/H tie downs, by Reconnection M/H Pole	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBS  FOR BUILDING & Z  Foundation  date/app. by  h-in plumbing  date/app. by  Rough-in plum  date/app. by  r  date/app. by  r  C.O. Final  date/app. by  Pump pole  date/app. by  Travel Trailer	CONING DEPARTMENT  date/app. by  Slab  date/app. by  bing above slab and below wood  act  date/app. by  date/app. by  Utility Pole  date/app. by	Check # or Cash 8516  ONLY (footer/Slab)  Monolithic date/app. by  Sheathing/Nailing date/app. by  floor date/app. by  eri. beam (Lintel) date/app. by  Culvert date/app. by  Pool date/app. by  Re-roof	
COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough Framing Electrical rough Permanent power M/H tie downs, by Reconnection M/H Pole	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBS  FOR BUILDING & Z  Foundation  date/app. by  h-in plumbing  date/app. by  h-in Rough-in plum  date/app. by  r C.O. Final  blocking, electricity and plumbing  date/app. by  Cump pole	CONING DEPARTMENT (  date/app. by  Slab  date/app. by  bing above slab and below wood  act  date/app. by  date/app. by  Utility Pole	Check # or Cash 8516  ONLY (footer/Slab)  Monolithic date/app. by  Sheathing/Nailing date/app. by  floor date/app. by  eri. beam (Lintel) date/app. by  Culvert date/app. by  Pool date/app. by  date/app. by	
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COMMENTS: GRADE ROADY NOC ON FILE  Temporary Power Under slab rough Framing Electrical rough Permanent power M/H tie downs, b Reconnection M/H Pole date  BUILDING PER MISC. FEES \$	FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMAY SWALE TO DRAIN, SOD ALL DISTURBS  FOR BUILDING & Z  Foundation  date/app. by  h-in plumbing  date/app. by  Rough-in plum  date/app. by  r  date/app. by  C.O. Final  date/app. by  plocking, electricity and plumbing  date/app. by  Travel Trailer  e/app. by  CMIT FEE \$ 1330.00 CERTIFICATION	CONING DEPARTMENT  date/app. by  Slab  date/app. by  bing above slab and below wood  act  date/app. by  date/app. by  Utility Pole  date/app. by  ON FEE \$ 33.83  50.00 FIRE FEE \$ 0.00	Check # or Cash 8516  ONLY (footer/Slab)  Monolithic date/app. by  Sheathing/Nailing date/app. by  floor date/app. by  eri. beam (Lintel) date/app. by  Culvert date/app. by  Pool date/app. by  Re-roof date/app. by  SURCHARGE FEE \$ 33.83	

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."

#### This Permit Must Be Prominently Posted on Premises During Construction

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

Columbia County Building	Permit Application (10# 8517 - 50a
Application Approved by - Zoning Official Date Date Zoning Development Permit Zoning_	Ceived 6/4/07 By F Permit #1413/ 25986  07.07 Plans Examiner 0K 7/H Date 6-29-07  RSF-2 Land Use Plan Map Category Rel In Dec.  08.3' Elevation Confirmation Regular Secrettical 14
1	Road Info Parent Parcel # Development Permit
Name Authorized Person Signing Permit Rayana Mar Address 2109 W Us Hwy 90, Suite 170, 1 Owners Name Nilesh + Rupal Partes	Phone 7/9-7/43  Phone 7/9-7/43  Phone 754-5969  Coty fc 32024  Phone 119-7/43  Phone 119-7/43  Phone 5728 C C fc 32055
	19
Property ID Number 26-35-16-02309-028 Subdivision Name Farway View	Estimated Cost of Construction 430,000 Lot Block Unit 28 Phase
Driving Directions 90W, TR Commerce, 900 TL on Club View Circle, 4th	on left
Type of Construction single family deselling N	umber of Existing Dwellings on Property
Total Acreage Lot Size Do you need a - <u>Culve</u>	ert Permit or Culvert Walver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 31 ft  Total Building Height 31 ft Number of Stories 2 He	side 25ft side 83ft Rear 19ft eated Floor Area 5,312 Roof Pitch 5-12
Application is hereby made to obtain a permit to do work and ins nstallation has commenced prior to the issuance of a permit and ill laws regulating construction in this jurisdiction.	d that all work be performed to meet the standards of
OWNERS AFFIDAVIT: I hereby certify that all the foregoing information to the compliance with all applicable laws and regulating construction to the compliance with all applicable laws and regulating construction to the compliance with all applicable laws and regulating construction.	mation is accurate and all work will be done in
VARNING TO OWNER: YOUR FAILURE TO RECORD & NOTICE O	OF COMMENCMENT MAY DEGLE THE VOLUME
ENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE O	END TO ORTAIN FINANCING CONCULT MUTIL VOLID
TATE OF FLORIDA COUNTY OF COLUMBIA  When the control of the contro	Contractor Signature Contractors License Number <u>CSC 059323</u> Competency Card Number NOTARY STAMP/SEAL
his day of 2007	Babara Webst
ersonally known or Produced Identification	Notary Signature (Revised Sept. 2006)

District No. 1 - Ronald Williams District No. 2 - Dewey Weaver District No. 3 - George Skinner District No. 4 - Stephen E. Bailey District No. 5 - Elizabeth Porter



#### BOARD OF COUNTY COMMISSIONERS

#### **MEMORANDUM**

Date:

29 June 2007

To:

John Colson, P.E., County Engineer

From:

Flood Resolution 2005R-26

Re:

Please find attached the items submitted for Lots 28 and 29, Fairway View, Unit 1 Subdivision. Please review for compliance with Flood Resolution 2005R-26. Thank you.

Has county released utility easement? YES, 1. Provide MES on Driveway Cupent.

2. Grade readingy smals to chair and

3. Sod all disturbed areas.

4 Floor Elev of 108.3 approved.

BOARD MEETS FIRST THURSDAY AT 7:00 P.M. AND THIRD THURSDAY AT 7:00 P.M.

District No. 1 - Ronald Williams District No. 2 - Dewey Weaver District No. 3 - George Skinner District No. 4 - Stephen E. Bailey District No. 5 - Elizabeth Porter



BOARD OF COUNTY COMMISSIONERS

COLUMBIA COUNTY

#### **MEMORANDUM**

Date:

29 June 2007

To:

John Colson, P.E., County Engineer

From:

Brian L. Kepner, County Planner

Flood Resolution 2005R-26

Re:

Please find attached the items submitted for Lots 28 and 29, Fairway View, Unit 1 Subdivision. Please review for compliance with Flood Resolution 2005R-26. Thank you.

Has county released utility easement? YES 1. Provide MES on Driveway Cupont.

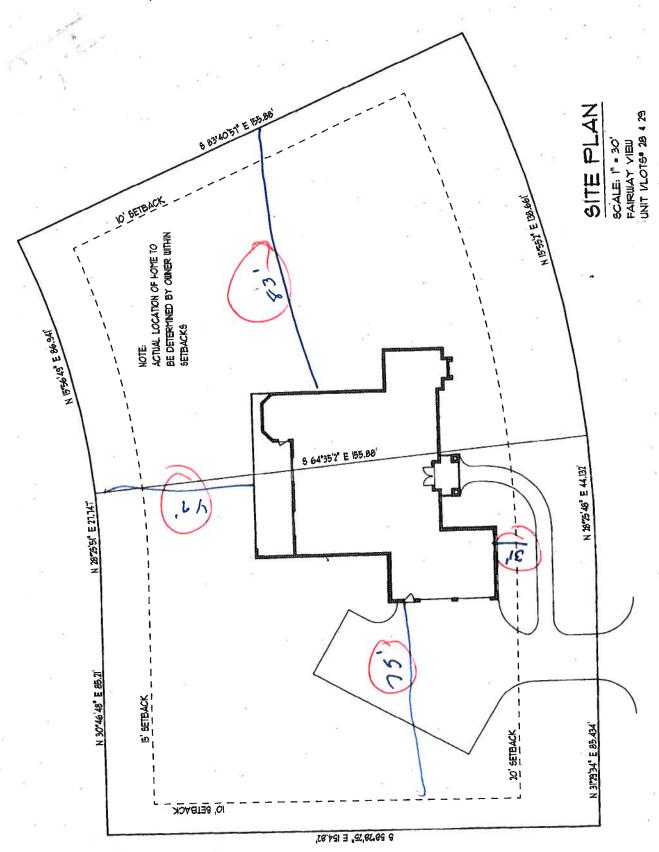
2. Grade readway smals to chair and

3. Sod all disturbed areas.

4 Floor Elev of 108.3 approved.

BOARD MEETS FIRST THURSDAY AT 7:00 P.M. AND THIRD THURSDAY AT 7:00 P.M.

nick Patel





0706-08

#### **Columbia County Property**

Appraiser
DB Last Updated: 4/11/2007

Parcel: 26-3S-16-02309-028

#### 2007 Proposed Values

Tax Record

**Property Card** 

<< Prev

Interactive GIS Map

Search Result: 18 of 28

Print

Next >>

#### **Owner & Property Info**

Owner's Name	PATEL NILESH & RUPAL					
Site Address	FAIRWAY VIEW (	JNIT 1				
Mailing Address	414 SW FLORIDA GATEWAY DR LAKE CITY, FL 32024					
Use Desc. (code)	MISC RES (000700)					
Neighborhood	26316.03 <b>Tax District</b> 2					
UD Codes	MKTA06	Market Area	06			
Total Land	0.000 ACRES					
Description	LOTS 28 & 29 FAIRWAY VIEW S/D UNIT 1. ORB 455-324, 788-425, 812-999, 984-1816, WD 999- 2002 WD 1018-1222.					

#### **GIS Aerial**



#### **Property & Assessment Values**

Mkt Land Value	cnt: (1)	\$59,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (1)	\$1,000.00
Total Appraised Value		\$60,000.00

Just Value	\$60,000.00
Class Value	\$0.00
Assessed Value	\$60,000.00
Exempt Value	\$0.00
Total Taxable Value	\$60,000.00

#### **Sales History**

	Colo Cuel Sala Picado									
Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price				
6/11/2004	1018/1222	WD	V	Q		\$52,500.00				
11/10/2003	999/2002	WD	V	Q		\$40,000.00				
5/28/2003	984/1816	WD	V	U	03	\$100.00				

#### **Building Characteristics**

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

#### **Extra Features & Out Buildings**

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0260	PAVEMENT-A	0	\$1,000.00	1.000	0 x 0 x 0	(.00)

#### **Land Breakdown**

Lnd Code	d Code Desc U		Units Adjustments		Lnd Value
000700	MISC RES (MKT)	2.000 LT - (.000AC)	1.00/1.00/1.00/1.00	\$29,500.00	\$59,000.00

Columbia County Property Appraiser

18 of 28

Next >>

DB Last Updated: 4/11/2007

<< Prev

#### NOTICE OF COMMENCEMENT FORM COLUMBIA COUNTY, FLORIDA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

Tax Parcel ID Number 26-35-/6-02309-028

1.	Description of property: (legal description of the property and street address or 911 address)
	Lots 28+29 Fairway View S/D Unit   ORB
	455-324, 788-425, 812-999, 984-18/6, WD 999-2002
	WD 1018-1222. (442 NW Fairway Dr.)
	General description of Improvement: Single family dwelling
3.	Owner Name & Address NILESH + Rupal Patel 414 SW FC. Cateran Dr. Cake City, FC 32024 Interest in Property
4.	Name & Address of Fee Simple Owner (if other than owner):
5.	Contractor Name ISAAC COnstruction Phone Number 119-1143
	Address 2109 W W May 90, Ste 170 PMB #338 Cale City, FC 320
<b>5.</b>	Surety Holders NamePhone Number
	Address
	Amount of Bond
7.	Lender Name Fix ST Federal Phone Number
	Address
i. kar	Persons within the State of Florida designated by the Owner upon whom notices or other documents may be ved as provided by section 718.13 (1)(a) 7; Floric
	Inst:20070/1560 Date:05/23/2007 Time:13:26
	Address  DC, P. DeWitt Cason, Columbia County B: 1120 P: 144
	In addition to himself/herself the owner design
•	_01
	(a) 7. Phone Number of the designee to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
٥.	
	Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)
	(Omess a different date is specified)
O	CICE AS PER CHAPTER 713, Florida Statutes:
he	owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.
	6
	Sworn to (or affirmed) and subscribed before 23 day of \(\sqrt{\sq}}}}}}}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}} \sqrt{\sqrt{\sqrt{\sq}}}}}}}}} \end{\sqnt{\sqnt{\sqrt{\sqrt{\sq}}}}}}}}}} \end{\sqnt{\sqrt{\sqrt{\sqrt{\sq}}
	Signature of Owner Spring Rarbors C. W.
	Signature of Owner  Commission # DD329279  Expires July 2, 2008  For Pur Bonded Troy Fain Insurance, Inc. 800-346-7019
	OF PLOT Bonded Troy Fain - Insurance, Inc. 800-348-7019
	Signature of Notary

This Instrument Prepared by & return to: administrator, an employee of Date: 06/17/2004 Time: 09:24 TITLE OFFICES, LLC Stamp-Deed 367.50 DC,P.DeWitt Cason,Columbia County B:1018 F:1222 Address: 1089 SW MAIN BLVD. LAKE CITY, FLORIDA 32025 04Y-05043KW Parcel I.D. #: 02309-028 SPACE ABOVE THIS LINE FOR PROCESSING DATA SPACE ABOVE THIS LINE FOR RECORDING DATA THIS WARRANTY DEED Made the 11th day of June, A.D. 2004, by ROBERT B. CHASTBEN and IRMGARD E. CHASTEEN, HIS WIFE, hereinafter called the grantors, to NILESH PATEL and RUPAL PATEL, IIIS WIFE; whose post office address is 414 SW FLORIDA GATEWAY DRIVE, LAKE CITY, FLORIDA 32024, hereinafter called the grantees: (Wacrever used herein the terms grantors" and "grantees" include all thepartlet to this instrument, singular and plutal, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or regulres.) Witnesseth: That the grantors, for and in consideration of the sum of \$10,00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in Columbia County, State of FLORIDA, viz: 1.ots 28 & 29, FAIRWAY VIEW SUBDIVISION, Unit 1, according to the map or plat thereof as recorded in Plat Book 3, Page 97-99, of the Public Records of Columbia County, Florida. 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 the grantors hereby covenant with said grantees that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003. In Witness Whereof, the said grantors have signed and sealed these presents, the day and year first above written. Signed, sealed and delivered in the presence ROBERT B. CHASTEE Witness Agnature Address:-R 14R IŘMĠARD 🕏 CHASTÈEN Address: RT. 12, BOX 52, LAKE CITY, FLORIDA 32025 32056 P.O. 3686 Printed Name STATE OF FLORIDA COUNTY OF COLUMBIA ROBERT B. CHASTEEN and The foregoing instrument was acknowledged before me this 11th do IRMGARD E. CHASTEEN, who are known to me or who have produced (

Montho Bryon

ANY COMMISSION & DD7575M EXPRES

August 10, 2007

Notury Public
My commission expires

i

#### **COLUMBIA COUNTY 9-1-1 ADDRESSING**

P. O. Box 1787, Lake City, FL 32056-1787 PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

#### Addressing Maintenance

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

DATE REQUESTED:

4/24/2007

DATE ISSUED:

4/24/2007

**ENHANCED 9-1-1 ADDRESS:** 

442

NW FAIRWAY

DR

LAKE CITY

FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

26-35-16-02309-028

Remarks:

LOTS 28 & 29 FAIRWAY VIEW S/D UNIT 1

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

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

731

Approved Address

APR 2 4 2007

911Addressing/GIS Dept

#### >> Print as PDF <<

LOTS 28 & 29 UNIT 1. ORB	FAIRWAY VIEW 455-324, 788-4	S/D P 425, 4	ATEL NI	LESH & RUPAL LORIDA GATEWAY	DR	26-3S-16-	02309-028			Columbia	
WD 1018-1222	•			Y, FL 32024			APE	R		DF	
BUSE		AE?									
4OD	BATH			HTD AREA EFF AREA	65.994	E-RATE	.000	INDX	STR 26-	- 3s- 16	
XW	FIXT			RCN				AYB	MKT AREA		
8	BDRM			%GOOD		BLDG VAL		EYB	(PUD1		
STR	RMS								AC		
CVR	UNTS		3 FIELD	CK:				3	NTCD		
8	C-M#		³LOC:	FAIRWAY VIEW	UNIT 1			3	APPR CD		
NTW	HGHT		3					3	CNDO		
8	PMTR		3					3	SUBD		
LOR	STYS		3	9			50	3	BLK		
8	ECON		3					3	LOT		
ITTP	FUNC		3					3	MAP# 691	3	
/c	SPCD		E 3					3			
UAL	DEPR		3					3	TXDT	002	
NDN	UD-1		3					3		. #	53
IZE	UD-2		3					3.		BLDG	TRA
EIL	UD-3		3					3			
RCH	UD-4		3					3			
RME	UD-5		3					3			
тсн	UD-6		3		3			3	14		
NDO	UD-7		3					3			
LAS	UD-8		3		6			3			
CC	UD-9		3					3			
OND	8		3					3		PE	RMIT
	% E-AREA	SUB VALUE	3					3	NUMBER		
			3					3			
			3					3			
			3					3 .			SALE
			3					3 F	BOOK PAGE	E DAT	E
			3					3	1018 12	222 6/11	/200
			3					3 (	GRANTOR CHA	ASTEEN	
			3					3 (	GRANTEE NII	LESH & RU	PAL
			3					3	999 20	002 11/10	/200
			3					з (	GRANTOR TUT	TLE	
OTAL								(	GRANTEE ROE	BERT B &	IRMG
EXTRA	FEATURES			Fl	ELD CK:						
E BN CODE	DESC	LEN W	ID HGHT	QTY QL YR A	DJ	UNITS UT	r PR	ICE	ADJ UT PR	SPCD %	
0260	PAVEMENT-ASP			1 0000 1.	00	1.000 טי	r 1000	.000	1000.000	)	1
LAND D	ESC ZONE	ROAD {UD	1 (UD3 E	FRONT DEPTH FI BACK DT	ELD CK:						
			2 (UD4	BACK DT	ADJUSTME	NTS	UN	ITS UT	r PRIC	E ADJ	UT P
	C RES 00	0003		1.0	0 1.00 1	.00 1.00	2.0	00 L1	29500.0	000 29	500.
		2 0003									
001 - NEXT '	TO CITY WATER	PUMP (RET	POND)	S	SALE - LO	T 28 & 29	FAIRWAY	VIEW			
ALE - LOTS :	28 & 29 FAIRW <i>A</i>	Y VIEW S/	D UNIT 1	L							
2007											



Lake City (386) 755-3611 Gainesville (352) 494-5751 Fax (386) 755-3885 Toll Free 1-800-616-4707

## Notice of Intent for Preventative Treatment for Termites (As required by Florida Building Code (FBC) 104.2.6)

Aspen Pest Control, Inc. (386) 755-3611 State License # - JB109476 State Certification # - JF104376

#### (Patel) Lot 28 442 NW Fair Way Dr. Lake City, Fl. Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment - 23% Disodium Octaborate Tetrahydrate

Method of Termite Prevention Treatment - Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood

Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

Authorized Signature

4/23/07 Date





ACT 2082400

DEPARTMENT OF BUSINESS AND PROPESSIONAL RECOGNIZATION CONSTRUCTION THOUSER LICENSING BOARD

DATE BATCHNUMBER LICENS MBS

THE SHILLDING CONTRACTOR NAME ON TRACTOR OF CREATERS OF CREATERS

DISPLAY AS REQUIRED BY LAW

STRONG STRANGE (SEE





From: The Columbia County Building & Zoning Department

Plan Review

135 NE Hernando Av.

P.O. Box 1529

Lake City Florida 32056-1529

Reference to a building permit application Number: 0706-08

Isaac Construction Inc., Owners Nilesh Patel Property ID# 26-3s-16-02309-028 On the date of June 7, 2007 application 0706-08 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0706-08 and when making reference to this application.

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

 Please provide one bathroom on the ground floor which will meet the requirements of the Florida Residential Code section R322.1.1 All new single-family houses, duplexes, triplexes, condominiums and townhouses

- shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).
- 2. The plans indicate that the sum of two stair riser's equal 15.16, plus the sum of one 10" tread equals 25.16. The Florida residential Building Code section R311.5.3.2 Tread depth. The minimum tread depth, exclusive of nosing, shall be not less than 9 inches (229 mm). Treads and risers of stairs shall be permitted to be so proportioned that the sum of two risers and a tread, exclusive of projection of nosing, is not less than 24 inches (610 mm) nor more than 25 inches (635 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305) mm from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12 inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm). Due to the complexity of these stair cases please provide shop drawing to insure code compliance.
- 3. Please verify that the windows glass near all tub areas are tempered glass and comply with section FRC-2004 section R308.4 hazardous locations. Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface. Each pane of glazing installed in hazardous locations as defined in Section R308.4 shall be provided with a manufacturer's or installer's label, designating the type and thickness of glass and the safety glazing standard with which it complies, which is visible in the final installation. The label shall be acid etched, sandblasted, ceramic-fired, embossed mark, or shall be of a type which once applied cannot be removed without being destroyed.
- **4.** Please verify that one window within each bedroom on the second floor will be a emergency escape and rescue opening and will comply with the FBC-2004 Section R310.1.1 Minimum opening area: All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m2). R310.1.2 Minimum opening height: The

- minimum net clear opening height shall be 24 inches (610 mm): R310.1.3 Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).
- 5. On the electrical plans identify the main electrical service overcurrent protection device location; include the total amperage rating for this device. An additional overcurrent protection device shall be installed on the exterior of structures to serve as a disconnecting means form the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.
- **6.** On the structural plans have Mr. Disosway provide detail engineered drawing which will show the method to be used to support and secure the floor trim joist to the interior load bearing walls in the rotunda area. Show all supporting beams and joist, along with the required number and sizes of king and jack studs required to support these beams. A meeting with Mr. Disosway was conducted on June 6, 2007 he will provide the required structural information.
- 7. The area above the garage contains space which may be habitable therefore show compliance with section R309.2 of the code which requires that the garage shall be separated from the residence and its attic area by not less 5/8-inch (15.9 mm) Type X gypsum board or equivalent gypsum board applied to the garage side.

Joe Haltiwanger

Plan Examiner

Columbia County Building

Department



#### Columbia County, Florida Planning & Zoning Department

Review of Building Permit for compliance with County's Comprehensive Plan and Land Development Regulations

To: Roxanne Napier

**Fax:** 386.719.4757

From: Brian L. Kepner, County Planner Fax: 386.758.2160

Number of pages: 4

Date: 12 June 2007

RE: Building Permit Application 0706-08, Nilesh and Pupal Patel

#### Dear Roxanne:

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) indicate that lots 28 and 29 Fairway View, Unit 1 Subdivision are located within a flood zone A. Columbia County Land Development Regulations (LDR's) require that the finished floor of any structure be one (1) foot above the adjacent road. In addition, it also must comply with Resolution 2005-26R. The major concerns are if any fill is brought in a grading plan must show that once the house is completed it will not adversely impact any adjacent properties. I have attached a copy of Resolution 2005-26R.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1007.

Sincerely,

Brian L. Kepner

Land Development Regulation Administrator,

**County Planner** 

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

#### COLUMBIA COUNTY, FLORIDA RESOLUTION NO. 2005R-26

A RESOLUTION OF COLUMBIA COUNTY, FLORIDA, PROVIDING FOR ADDITIONAL REQUIREMENTS FOR A DEVELOPMENT PERMIT ON PROPERTY WHICH HAS BEEN IDENTIFIED AS "FLOOD PRONE;" AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, since the hurricane season of 2004, Columbia County has experienced significant flooding and related issues impacting the public health, safety and welfare of the residents and citizens of Columbia County as well as their property; and

WHEREAS, the Board of County Commissioners of Columbia County, Florida, finds it is necessary and in the best interest of Columbia County and its residents and citizens for the protection of the health, safety and welfare, together with the protection of property interests in Columbia County, to provide requirements in addition to those currently set forth in local, state and federal statutes, ordinances, rules and regulations, including but not limited to the Columbia County Comprehensive Plan and Columbia County Land Development Regulations (LDRs), for the application and issuance of a development permit.

# NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF COLUMBIA COUNTY, FLORIDA AS FOLLOWS:

1. Properties, including lots and acreage, which have been identified in Columbia County as "flood prone" shall, in addition to all other local, state and federal requirements, prior to issuance of a development permit through the Columbia County Building Department provide the following:

- a. In addition to all other required submittals, the development permit applicant shall file a grading plan for the property proposed to be developed. The grading plan shall be signed and sealed by a Florida registered professional engineer.
- b. The grading plan shall delineate proposed changes from natural ground elevation, if any, including the amount of fill material to be added to the site. The grading plan shall clearly demonstrate that the natural flow of water shall not be altered nor will adjacent properties be negatively impacted by the proposed development.
- c. The grading plan shall further establish the lowest habitable floor elevation and building location on the lot or acreage.
- d. Upon its completion, the applicant shall obtain from a Florida licensed land surveyor and provide to Columbia County certification as to the actual height of the finished floor established by the grading plan.
- 2. Additionally, all "flood prone" properties shall require written certification by a competent Florida licensed professional or agency stating that the property is not defined as a wetland as defined in the Columbia County Land Development Regulations.
- 3. The term "flood prone" is defined as those lots, acreage or properties that can be demonstrated on existing FEMA or other maps as flood prone properties which competent personal testimony through affidavit or otherwise establishes the property has a history of flooding which would adversely impact development upon the property.
- 4. There shall be exempt from the requirements of this Resolution lots, acreage or properties otherwise defined as "flood prone" where the ratio of "non-flood prone" property

(numerator) to the square footage of impervious surface development on the property (denominator) is no less than 3-to-1. However, all other permitting requirements of the County must be satisfied.

- 5. Any interested party who is subject to these additional permitting requirements and believes they have been inappropriately applied to them may appeal the decision to the Board of County Commissioners of Columbia County. All such appeals must be in writing and mailed to the Board of County Commissioners of Columbia County, Post Office Box 1529, Lake City, Florida 32056-1529. At this time no appeal fee is assessed.
- 6. This Resolution shall remain in effect until the Board of County Commissioners has approved an appropriate ordinance addressing the flood prone issues of Columbia County or until further action of the Board.

unanimously passed and adopted by the Board of County Commissioners at its regular meeting on the 6th day of June, 2005.

BOARD OF COUNTY COMMISSIONERS COLUMBIA COUNTY, FLORIDA

Bv.

mifer Flinn, Chairman

ATTEST:

P. DeWitt Cason, Clerk of Courts

(SEAL)

Builder: TSAAC Permitting Office: (olumbia)

Project Name:

Address:

N. Patel Residence

Lot: 28, Sub: Fairway View, Plat:

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

City, State: Lake City, Owner: Nick Patel Climate Zone: North	FI	Permit Number: 25986  Jurisdiction Number: 221000					
New construction or existing	New	12. Cooling systems					
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr				
3. Number of units, if multi-family	1		SEER: 13.00				
4. Number of Bedrooms	· · · · · · · · · · · · · · · · · · ·	b. Central Unit	Cap: 36.0 kBtu/hr				
5. Is this a worst case?	No		SEER: 13.00				
6. Conditioned floor area (ft²)	5300 ft²	c. N/A	_				
7. Glass type 1 and area: (Label reqd.			_				
a. U-factor:	Description Area	13. Heating systems					
(or Single or Double DEFAULT)		a. Electric Heat Pump	Cap: 36.0 kBtu/hr				
b. SHGC:	(2010 2011111) 20312 10		HSPF: 7.20				
(or Clear or Tint DEFAULT)	7b. (Clear) 369.5 ft <sup>2</sup>	b. Electric Heat Pump	Cap: 36.0 kBtu/hr				
8. Floor types	(6.0) 6.0		HSPF: 7.20				
a. Slab-On-Grade Edge Insulation	R=0.0, 256.0(p) ft	c. N/A					
b. N/A			<u></u>				
c. N/A		14. Hot water systems					
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons				
a. Frame, Wood, Exterior	R=13.0, 5232.0 ft <sup>2</sup>	•	EF: 0.92				
b. Frame, Wood, Adjacent	R=13.0, 415.0 ft <sup>2</sup>	b. Electric Resistance	Cap: 50.0 gallons				
c. N/A	_		EF: 0.92				
d. N/A	_	c. Conservation credits					
e. N/A	_	(HR-Heat recovery, Solar					
10. Ceiling types		DHP-Dedicated heat pump)					
a. Under Attic	R=30.0, 3200.0 ft <sup>2</sup>	15. HVAC credits	_				
b. N/A	_	(CF-Ceiling fan, CV-Cross ventilation,					
c. N/A	_	HF-Whole house fan,					
11. Ducts		PT-Programmable Thermostat,					
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 360.0 ft	MZ-C-Multizone cooling,					
b. N/A	<u> </u>	MZ-H-Multizone heating)					
	_						
	Total as-built p	points: 58781					

Total base points: 73061

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

PREPARED BY:

DATE: 5-30-07

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

OWNER/AGENT:

DATE: 50-07

Glass/Floor Area: 0.11

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

**PASS** 

COD WE THE

**BUILDING OFFICIAL:** 

DATE: <u>\$ 30-07</u>

#### **SUMMER CALCULATIONS**

#### Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,

PERMIT #:

BASE			AS-	-BU	LT				
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area	Type/SC	Ove Ornt	erhang Len		Area X	SPI	их	SOF	= Points
.18 5300.0 20.04 19118.2	Double, Clear	N	1.5	7.0	58.5	19.2	20	0.96	1072.7
	Double, Clear	N	1.5	16.0	36.0	19.2		0.99	687.4
9 2 0	Double, Clear	N	6.0	6.0	18.0	19.2	20	0.71	245.7
. '	Double, Clear	N	2.0	7.0	24.0	19.2	0	0.92	425.0
"	Double, Clear	W	1.5	16.0	25.0	38.5	2	1.00	958.9
	Double, Clear	W	1.5 ੂ	16.0	42.0	38.5	2	1.00	1610.9
	Double, Clear	W	1.5	7.0	36.0	38.5	2	0.94	1302.2
	Double, Clear	W	1.5	5.0	8.0	38.5	2	0.88	269.8
	Double, Clear	S	10.0	8.0	40.0	35.8	7	0.49	702.3
	Double, Clear	S	10.0	8.0	56.0	35.8	7	0.49	983.2
	Double, Clear	S	1.5	6.0	120.0	35.8	7	0.86	3685.0
2	Double, Clear	Е	1.5	16.0	20.0	42.0	6	1.00	837.1
	Double, Clear	E	1.5	7.0	36.0	42.0	6	0.94	1420.9
	Double, Clear	Ε	1.5	6.0	20.0	42.0	6	0.91	767.9
	Double, Clear	N	1.5	5.0	36.0	19.2	0	0.92	632.8
	As-Built Total:				575.5				15601.7
WALL TYPES Area X BSPM = Points	Туре	·	R	-Value	e Area	X	SPM	=	Points
Adjacent 415.0 0.70 290.5	Frame, Wood, Exterior			13.0	5232.0		1.50		7848.0
Exterior 5232.0 1.70 8894.4	Frame, Wood, Adjacent			13.0	415.0		0.60		249.0
Base Total: 5647.0 9184.9	As-Built Total:				5647.0				<b>.8097.0</b>
DOOR TYPES Area X BSPM = Points	Туре		1		Area	Х	SPM	=	Points
Adjacent 20.0 2.40 48.0	Exterior Insulated				40.0		4.10		164.0
Exterior 189.0 6.10 1152.9	Exterior Insulated				96.0		4.10		393.6
	Exterior Insulated				20.0		4.10		82.0
	Adjacent Insulated				20.0		1.60		32.0
*	Exterior Insulated				33.0		4.10		135.3
Base Total: 209.0 1200.9	As-Built Total:				209.0				806.9
CEILING TYPES Area X BSPM = Points	Туре		R-Valu	ue /	Area X S	SPM	x sc	M =	Points
Under Attic 3200.0 1.73 5536.0	Under Attic			30.0	3200.0 1	.73 X	1.00		5536.0
Base Total: 3200.0 5536.0	As-Built Total:				3200.0				5536.0

#### **SUMMER CALCULATIONS**

#### Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 28, Sub: Fairway View, Plat: , Lake City, FI, PERMIT #:

	BASE			8	AS	-BUIL	.T				
FLOOR TYPES	Area X BS	PM = Points	Туре		R	-Value	Area	ΧS	PM	=	Points
Slab 2 Raised	256.0(p) -37 0.0 0.0		Slab-On-Grade Edg	e Insulatio	on <sub>5</sub>	0.0 2	56.0(p	-41	.20	i	-10547.2
Base Total:	¥ .	-9472.0	As-Built Total:			547	256.0			- 8	-10547.2
INFILTRATION	Area X BSI	PM = Points	<u> </u>				Area	x s	PM	=	Points
	5300.0 10.	21 54113.0	· ·			ō	5300.0	) 1(	).21		54113.0
Summer Bas	e Points: 79	9681.0	Summer As-	-Built i	Points:				,	73	607.4
Total Summer X Points	System = Multiplier	Cooling Points	Total X Component (System - Points	Ratio	X Duct Multiplie (DM x DSM x	r Mult	stem X tiplier	Cre Multip			ooling Points
			(sys 1: Central Unit 73607 (sys 2: Central Unit	0.50 ( 36000 btuh	(1.09 x 1.147 ,SEER/EFF(13	x 0.91) .0) Ducts: N	0.263 Ione	1.0	00	10	0993.0
79681.0	0.4266	33991.9	73607 <b>73607.4</b>	0.50 ( <b>1.00</b>	(1.00 x 1.147 <b>1.138</b>		0.263 . <b>263</b>	1.0 <b>1.0</b>			986.0

#### **WINTER CALCULATIONS**

#### Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,

PERMIT #:

BASE		AS-BUILT
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area	Type/SC	Overhang Ornt Len Hgt Area X WPM X WOF = Poir
.18 5300.0 12.74 12154.0	Double, Clear	N 1.5 7.0 58.5 24.58 1.00 1440
T 1	Double, Clear	N 1.5 16.0 36.0 24.58 1.00 884
A	Double, Clear	N 6.0 6.0 18.0 24.58 1.02 450
	Double, Clear	N 2.0 7.0 24.0 24.58 1.00 591
	Double, Clear	W 1.5 16.0 25.0 20.73 1.00 518
•	Double, Clear	W 1.5 16.0 42.0 20.73 1.00 871
	Double, Clear	W 1.5 7.0 36.0 20.73 1.02 758
	Double, Clear	W 1.5 5.0 8.0 20.73 1.03 171
	Double, Clear	S 10.0 8.0 40.0 13.30 3.09 1641
	Double, Clear	S 10.0 8.0 56.0 13.30 3.09 2298
	Double, Clear	S 1.5 6.0 120.0 13.30 1.12 1783
	Double, Clear	E 1.5 16.0 20.0 18.79 1.01 378
28	Double, Clear	E 1.5 7.0 36.0 18.79 1.03 694.
	Double, Clear	E 1.5 6.0 20.0 18.79 1.04 389
	Double, Clear	N 1.5 5.0 36.0 24.58 1.00 888.
	As-Built Total:	575.5 13760.
WALL TYPES Area X BWPM = Points	Туре	R-Value Area X WPM = Points
Adjacent 415.0 3.60 1494.0	Frame, Wood, Exterior	13.0 5232.0 3.40 17788.
Exterior 5232.0 3.70 19358.4	Frame, Wood, Adjacent	13.0 415.0 3.30 1369.
Base Total: 5647.0 20852.4	As-Built Total:	5647.0 19158.
DOOR TYPES Area X BWPM = Points	Туре	Area X WPM = Points
Adjacent 20.0 11.50 230.0	Exterior Insulated	40.0 8.40 336.
Exterior 189.0 12.30 2324.7	Exterior Insulated	96.0 8.40 806.
	Exterior Insulated	20.0 8.40 168.
	Adjacent Insulated	20.0 8.00 160.
	Exterior Insulated	33.0 8.40 277.
Base Total: 209.0 2554.7	As-Built Total:	209.0 1747.
CEILING TYPES Area X BWPM = Points	Туре	R-Value Area X WPM X WCM = Points
Under Attic 3200.0 2.05 6560.0	Under Attic	30.0 3200.0 2.05 X 1.00 6560.0
Base Total: 3200.0 6560.0	As-Built Total:	3200.0 6560.

#### WINTER CALCULATIONS

#### Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 28, Sub: Fairway View, Plat: , Lake City, FI, PERMIT #:

	BASE				AS	-BUIL	Γ			
FLOOR TYPES	S Area X	BWPM	= Points	Туре	F	R-Value	Area	X WPM	=	Points
Slab Raised	256.0(p) 0.0	8.9 0.00	2278.4 0.0	Slab-On-Grade Edge In	sulation	0.0 25	6.0(p	18.80	Æ	4812.8
Base Total:			2278.4	As-Built Total:	949	2	56.0	4		4812.8
INFILTRATION	Area X	BWPM	= Points				Area 2	K WPM	, =	Points
	5300.0	-0.59	-3127.0				5300.0	-0.59		-3127.0
Winter Base	Points:	4	1272.5	Winter As-Bui	It Points:				42	2912.6
Total Winter X Points	System Multiplie		ating Points		ap X Duct atio Multiplic (DM x DSM >	er Multi	em X plier	Credit Multiplier		leating Points
41272.5	0.627	4 2	25894.3	(sys 2: Electric Heat 42912.6 0.	500 (1.069 x 1.16	9 x 0.93) 0 ,EFF(7.2) D 1.00) 0	.474	1.000	1	),R6.0 11810.1 11810.1 3 <b>620.1</b>

#### **WATER HEATING & CODE COMPLIANCE STATUS**

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl, PERMIT #:

	BASE	AS-BUILT								
WATER HEATI Number of Bedrooms	NG X Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	х	Tank X Ratio	Multiplier	X Credit :	= Total
∘ 5	2635.00	· 13175.0	50.0 50.0 <b>As-Built T</b> o	0.92 0.92	5 5		0.50 0,50	2635.00 2635.00	1.00 1.00	6587.5 6587.5 <b>13175.0</b>

	CODE COMPLIANCE STATUS												
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
33992		25894	-	13175		73061	21986		23620		13175		58781

**PASS** 



PERMIT #:

#### **Code Compliance Checklist**

#### Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,

#### **6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	45
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall;	
		foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility	
		penetrations; between wall panels & top/bottom plates; between walls and floor.	
		EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends	
		from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members.	
		EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed	
		to the perimeter, penetrations and seams.	-
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases,	
764	•	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.	a a
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a	
		sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from	
		conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA,	
		have combustion air.	

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

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

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

#### ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.1

The higher the score, the more efficient the home.

Nick Patel, Lot: 28. Sub: Fairway View, Plat: , Lake City, Fl,

1.	New construction or existing	New		Cooling systems	9	
2.	Single family or multi-family	Single family	a	. Central Unit	Cap: 36.0 kBtu/hr	_
3.	Number of units, if multi-family	1	_		SEER: 13.00	_
4.	Number of Bedrooms	5	_ b	. Central Unit	Cap: 36.0 kBtu/hr	_
5.	Is this a worst case?	No	_		SEER: 13.00	
6.	Conditioned floor area (fl²)	5300 ft²	c	. N/A		
7.	Glass type 1 and area: (Label reqd.	by 13-104.4.5 if not default)				
a.	U-factor:	Description Area	13.	Heating systems	2	
	(or Single or Double DEFAULT)		a	. Electric Heat Pump	Cap: 36.0 kBtu/hr	_
b.	SHGC:	<b>(</b> ,	<del></del>		HSPF: 7.20	
	(or Clear or Tint DEFAULT)	7b. (Clear) 369.5 ft <sup>2</sup>	b	. Electric Heat Pump	Cap: 36.0 kBtu/hr	#3
8.	Floor types	(330) 3 3 7 3 3 3	_	<u>-</u>	HSPF: 7.20	
a.	Slab-On-Grade Edge Insulation	R=0.0, 256.0(p) ft	С	. N/A		
	N/A		_			
	N/A		14.	Hot water systems		
9.	Wall types		_	. Electric Resistance	Cap: 50.0 gallons	
a.	Frame, Wood, Exterior	R=13.0, 5232.0 ft <sup>2</sup>			EF: 0.92	
	Frame, Wood, Adjacent	R=13.0, 415.0 ft <sup>2</sup>	—	. Electric Resistance	Cap: 50.0 gallons	
	N/A	•	_		EF: 0.92	_
	N/A		с	Conservation credits		_
	N/A			(HR-Heat recovery, Solar		_
	Ceiling types		_	DHP-Dedicated heat pump)		
	Under Attic	R=30.0, 3200.0 ft <sup>2</sup>	15.	HVAC credits		
b.	N/A			(CF-Ceiling fan, CV-Cross ventilation,		_
	N/A		_	HF-Whole house fan,		
	Ducts		_	PT-Programmable Thermostat,		
	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 360.0 ft		MZ-C-Multizone cooling,		
	N/A		7 2	MZ-H-Multizone heating)		
٠,			******			
I cei	rtify that this home has complic	ed with the Florida Energy	/ Efficiency	Code For Building	CUE CT.	
	struction through the above en				OF THE STATE OF	Ò.
	nis home before final inspection					Be
	ed on installed Code compliant			•		8
	1 0'		Date:			Đ.
uii	der orginature.		<b></b>			

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

City/FL Zip:

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v4.0)

Address of New Home: \_

Afn: Mubbie

#### **Columbia County Building Department Culvert Waiver**

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

Culvert Waiver No. 000001413

DATE: 07/03/2007 BUILDING PERMIT NO	75986	000001	
		 710 7143	
APPLICANT ROXANNE NAPIER	· · · · · · · · · · · · · · · · · · ·	719-7143	
ADDRESS 2109 W US HIGHWAY 90	LAKE CITY	FL	32055
OWNER NILESH & RUPAL PATEL	PHONE <u>7</u>	54-5969	
ADDRESS 442 NW FAIRWAY DRIVE	LAKE CITY	FL	32024
CONTRACTOR ISAAC CONSTRUCTION	PHONE 2	719-7143	
LOCATION OF PROPERTY 90W, TR ON COMERCE, GOES CIRCLE, 4TH ON LEFT	S INTO FAIRWAY DR.,T	L ON CLUB VIEW	
SUBDIVISION/LOT/BLOCK/PHASE/UNITFAIRWAY VIEW PARCEL ID # 26-3S-16-02309-028	· ·	1	
SIGNATURE: A SEPARATE CHECK IS REQUIRED MAKE CHECKS PAYABLE TO BCC	Amount	<b>7</b> 0 0	
PUBLIC WORKS DEPARTME	ENT USE ONLY		
HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICAT CULVERT WAIVER IS:	TION AND DETERMINI	ED THAT THE	
APPROVED	NOT APPROVE	ED - NEEDS A	CULVERT PERMI
COMMENTS:		- ANDERSON	_
SIGNED: STOPPLINGS D	DATE: <u>7-/0-8</u>	7	
ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DE	PARTMENT AT 386-752	2-5955.	
135 NE Hernando Ave., Suite B-21 Lake City, FL 32055	BEOWE D L 0 5 2007	STATE OF THE PARTY	L. GOLDEN

#### **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.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.
Section 1: General Information (Treating Company Information)  Jean Const PateL
Company Address: 301 MV Cale Temper City Lete City State FL Zip 300
5 mpany 7 monoso.
Company Business License No Company Phone No
FHA/VA Case No. (if any)
Section 2: Builder Information
Company Name: 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) Slab Basement Crawl Other Approximate Depth of Footing: Outside
Section 4: Treatment Information
Y 7/6
Date(s) of Treatment(s) 7-3/-07  Brand Name of Product(s) Used 3-4
Brand Name of Product(s) Used
EPA Registration No. 53443-149  Approximate Final Mix Solution %
Approximate Final Mix Solution %
Approximate Final Mix Solution %
Was treatment completed on exterior?  Yes  No
Service Agreement Available?
Note: Some state laws require service agreements to be issued. This form does not preempt state law.
Attachments (List)
Comments Trusted Meinhody Course - Purch - 3
lame of Applicator(s) 57101 Branner 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 stated
uthorized Signature 7. 31.07

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)



# Donald F. Lee & Associates, Inc. Surveyors & Engineers

# 25986

140 NW Ridgewood Avenue Lake City, Florida 32055 (386) 755-6166 Fax (386) 755-6167 donald@dfla.com

Wednesday, September 05, 2007

TO: Columbia County Building Department

CC: Isaac Construction

RE: Foundation Floor Elevation Check - Lots 28 & 29, Fairway View Unit 1

Elevations (based on local benchmarks) were obtained on a foundation under construction on the above referenced lots. The results are as follows:

House Floor (at stemwall): 108.76'

Garage Floor (at stemwall): 106.85'

Benchmarks used for the survey (NAVD88 datum) reflect the same datum used, by this company, for the original design survey.

SUGNED:

Timothy A. Delbene, PLS Florida Reg. Cert. No. 5594

DATE: 9 /5/2007

25986)

#### Mark Disosway, P.E.

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

November 16, 2007

Columbia County Building Department

Re: Patel, Nick Residence, 442 NW Fairway Drive Lake City, Florida 32055

Dear Building Official:

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

- The plans call for META truss straps embedded in the bond beam at the top of the wall. ½" anchor bolts were embedded in the bond beam instead of the META straps and a PT sill plate bolted to the top of the wall.
  - Please accept this letter as addendum to the plans to place a 2x8 PT sill anchored to the bond beam with ½" x 8" anchor bolts and 2" washers at 4'OC. Attach trusses to the sill plate with 4 .131x3.25" toe nails and 1 H3, 8 .131 x 1.5" when uplift stated by truss mfg is up to 415 lb or 2 H3 up to 830 lb or 3 H3 up to 1245 lb or 4 H3 up to 1660 lb. Add an extra anchor bolt where uplift exceeds 1500 lb in 4' interval or attach truss directly to wall.
  - o The three ply LVL over the garage was anchored with a ½" threaded rod with 9" embedment into bond beam to satisfy the plan requirement of 2000 lb uplift. This was difficult to inspect but was noted with a Sharpie on the wall below each end of the beam.
  - Since the porch floor joists rest on a beam with unanchored top plate, use an H2.5T nailed with minimum 3 .131 x 1.5" nails to the bottom flange of the joist and to the LVL beam. Cleat at Woodford Plywood recommended nailing the strap to the bottom flange of the I-Joist and stated the web would not pull out with up to 500 lb uplift.

Mark Disosway, PE

Florida Registered Professional Engineer

Cc Ben Lofstrom, Isaac Construction

Note: This letter is to address the noted plans discrepancies only. I did a walk thru inspection of straps and anchors on 15Nov07 and only the porch floor joist straps were missing. I did not do a thorough framing inspection.

Unsolicited side note: Floor joists should always be blocked, bridged, or attached to rim joists over all bearing points to prevent overturning. See manufacturer's requirements for pre-engineered members or code requirements for dimension lumber.

Mark Disosway



# 

# 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 26-3S-16-02309-028

Fire: 38.52

Building permit No. 000025986

Permit Holder ISAAC CONSTRUCTION

Use Classification SFD, UTILITY

Waste: 100.50

Owner of Building NILESH & RUPAL PATEL

Total: 139.02

Location: 442 NW FAIRWAY DRIVE, LAKE CITY, FL

Date: 04/25/2008

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)

#### **Residential System Sizing Calculation**

Summary

**Nick Patel** 

Lake City, Fl

Project Title: N, Patel Residence Code Only Professional Version Climate: North

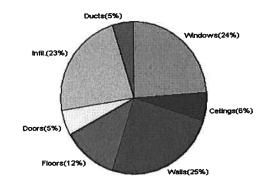
5/30/2007

Location for weather data: Gainesvil	le - Default	s: Latitu	ide(29) Temp Range(M)		
Humidity data: Interior RH (50%)					
Winter design temperature	31		Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	67473		Total cooling load calculation	70034	Btuh
Submitted heating capacity	72000	Btuh	Submitted cooling capacity	72000	Btuh
Submitted as % of calculated	106.7	%	Submitted as % of calculated	102.8	%

#### WINTER CALCULATIONS

Winter Heating Load (for 5300 sqft)

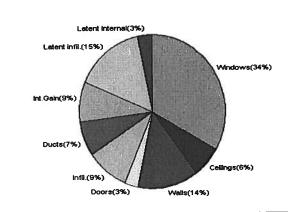
Load component			Load	
Window total	576	sqft	16287	Btuh
Wall total	5647	sqft	16883	Btuh
Door total	209	sqft	3652	Btuh
Ceiling total	3200	sqft	4160	Btuh
Floor total	256	ft	8090	Btuh
Infiltration	354	cfm	15188	Btuh
Subtotal			64260	Btuh
Duct loss			3213	Btuh
TOTAL HEAT LOSS			67473	Btuh



#### **SUMMER CALCULATIONS**

Summer Cooling Load (for 5300 sqft)

Load component			Load	
Window total	576	sqft	23477	Btuh
Wall total	5647	sqft	9535	Btuh
Door total	209	sqft	2119	Btuh
Ceiling total	3200	sqft	4544	Btuh
Floor total			0	Btuh
Infiltration	310	cfm	6134	Btuh
Internal gain			6000	Btuh
Subtotal(sensible)			51810	Btuh
Duct gain			5181	Btuh
Total sensible gain			56990	Btuh
Latent gain(infiltration)			10743	Btuh
Latent gain(internal)			2300	Btuh
Total latent gain			13043	Btuh
TOTAL HEAT GAIN			70034	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY:

DATE: 5-30-07

#### **System Sizing Calculations - Winter**

## Residential Load - Component Details Project Title:

**Nick Patel** 

Lake City, FI

N. Patel Residence

Code Only Professional Version Climate: North

5/30/2007

Reference City: Gainesville (Defaults) Winter Temperature Difference: 39.0 F

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2. Clear, Metal, DEF	N	58.5	28.3	1656 Btuh
2	2, Clear, Metal, DEF	N	36.0	28.3	1019 Btuh
3	2, Clear, Metal, DEF	N	18.0	28.3	509 Btuh
4	2, Clear, Metal, DEF	N	24.0	28.3	679 Btuh
5	2, Clear, Metal, DEF	W	25.0	28.3	708 Btuh
6	2, Clear, Metal, DEF	W	42.0	28.3	1189 Btuh
7	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
8	2, Clear, Metal, DEF	W	8.0	28.3	226 Btuh
9	2, Clear, Metal, DEF	S	40.0	28.3	1132 Btuh
10	2, Clear, Metal, DEF	S	56.0	28.3	1585 Btuh
11	2, Clear, Metal, DEF	S	120.0	28.3	3396 Btuh
12	2, Clear, Metal, DEF	E	20.0	28.3	566 Btuh
13	2, Clear, Metal, DEF	Е	36.0	28.3	1019 Btuh
14	2, Clear, Metal, DEF	Е	20.0	28.3	566 Btuh
15	2, Clear, Metal, DEF	N	36.0	28.3	1019 Btuh
l '~					
	Window Total		576		16287 Btuh
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	5232	3.1	16219 Btuh
2	Frame - Adjacent	13.0	415	1.6	664 Btuh
-	1				
	Wall Total		5647		16883 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
	Insulated - Exter		96	18.3	1760 Btuh
2 3	Insulated - Exter		20	18.3	367 Btuh
4	Insulated - Adjac		20	9.4	188 Btuh
5	Insulated - Exter		33	18.3	605 Btuh
					]
	Door Total		209		3652Btuh
Ceilings	Туре	R-Value	Area X	HTM≔	Load
1	Under Attic	30.0	3200	1.3	4160 Btuh
	1				
	Ceiling Total		3200		4160Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	256.0 ft(p)	31.6	8090 Btuh
	Ĭ				
	Floor Total		256		8090 Btuh
Infiltration	Туре	ACH X	Building Volume	CFM=	Load
	Natural	0.40	53000(sqft)	354	15188 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total	_		354	15188 Btuh

	Subtotal	64260 Btuh
Totals for Heating	Duct Loss(using duct multiplier of 0.05)	3213 Btuh
	EnergyGauge® FLRCPB v3.2	
	Total Btuh Loss	67473 Btuh

#### **Manual J Winter Calculations**

Residential Load - Component Details (continued)
Project Title:

**Nick Patel** 

Lake City, FI

N, Patel Residence

Code Only Professional Version

Climate: North

5/30/2007

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 )

### **System Sizing Calculations - Summer**

# Residential Load - Component Details Project Title:

**Nick Patel** 

N, Patel Residence

Code Only Professional Version Climate: North

Lake City, FI

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

5/30/2007

	Туре	Over	hang	Win	dow Are	a(sqft)	Н	TM	Load	
Window	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N N	1.5	7	58.5	0.0	58.5	22	22	1287	Btuh
2	2, Clear, DEF, N, N N	1.5	16	36.0	0.0	36.0	22	22	792	Btuh
3	2, Clear, DEF, N, N N	6	6	18.0	0.0	18.0	22	22	396	Btuh
1 i	2, Clear, DEF, N, N N	2	7	24.0	0.0	24.0	22	22	528	Btuh
5	2, Clear, DEF, N, N W	1.5	16	25.0	0.0	25.0	22	72	1800	Btuh
6	2, Clear, DEF, N, N W	1.5	16	42.0	0.0	42.0	22	72	3024	Btuh
7	2, Clear, DEF, N, N W	1.5	7	36.0	1.5	34.5	22	72	2518	Btuh
8	2, Clear, DEF, N, N W	1.5	5	8.0	0.5	7.5	22	72	552	Btuh
9	2, Clear, DEF, N, N S	10	8	40.0	20.0	20.0	22	37	1180	Btuh
10	2, Clear, DEF, N, N S	10	8	56.0	56.0	0.0	22	37	1232	Btuh
11	2, Clear, DEF, N, N S	1.5	6	120.0	30.0	90.0	22	37	3990	Btuh
12	2, Clear, DEF, N, N E	1.5	16	20.0	0.0	20.0	22	72	1440	Btuh
13	2, Clear, DEF, N, N E	1.5	7	36.0	0.7	35.3	22	72	2555	Btuh
14	2, Clear, DEF, N, N E	1.5	6	20.0	1.0	19.0	22	72	1391	Btuh
15	2, Clear, DEF, N, N N	1.5	5	36.0	0.0	36.0	22	22	792	Btuh
				F70					00477	Dtub
	Window Total	<u> </u>	\	576		Ā	<u> </u>	LITAA	23477	Btuh
Walls	Туре		Value	!		Area		HTM	Load	Direct
1	Frame - Exterior		13.0			232.0		1.7	9104	Btuh
2	Frame - Adjacent		13.0		•	415.0		1.0	432	Btuh
	Wall Total				5	647.0			9535	Btuh
Doors	Туре					Area		НТМ	Load	1
1	Insulated - Exter					40.0		10.1	406	Btuh
2	Insulated - Exter					96.0		10.1	973	Btuh
3	Insulated - Exter					20.0		10.1	203	Btuh
4	Insulated - Adjac					20.0		10.1	203	Btuh
5	Insulated - Exter					33.0		10.1	335	Btuh
	Door Total				2	209.0			2119	Btuh
Ceilings	Type/Color	R-\	√alue			Area		НТМ	Load	
1	Under Attic/Dark		30.0			3200.0		1.4	1	Btuh
'	Older Allia bark		00.0			200.0		•••		
	Ceiling Total				3	200.0			4544	Btuh
Floors	Туре	R-\	√alue			Size		HTM	Load	
1	Slab-On-Grade Edge Insulation		0.0			256.0 ft(p)		0.0	0	Btuh
	Floor Total					256.0		<u> </u>		Btuh
Infiltration	Туре		CH			olume		CFM=	Load	
1	Natural		0.35			53000		309.8	6134	Btuh
	Mechanical							0	0	Btuh
	Infiltration Total							310	<u>6134</u>	Btuh

Internal	Occupants	Btuh/occu	oant	Appliance	Load	
gain	10	X 300	+	3000	6000	Btuh

#### **Manual J Summer Calculations**

# Residential Load - Component Details (continued) Project Title: Cod

**Nick Patel** 

Lake City, FI

N, Patel Residence

**Code Only Professional Version** Climate: North

5/30/2007

	Subtotal	51810	Btuh
	Duct gain(using duct multiplier of 0.10)	5181	Btuh
	Total sensible gain	56990	Btuh
Totals for Cooling	Latent infiltration gain (for 51 gr. humidity difference)	10743	Btuh
	Latent occupant gain (10 people @ 230 Btuh per person	2300	Btuh
	Latent other gain	0	Btuh
	TOTAL GAIN	70034	Btuh_

Key: Window types (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/Daperies(B) or Roller Shades(R))
(Exsh - Exterior shading device: none(N) or numerical value)

(Ornt - compass orientation)

## PRODUCT APPROVAL SPECIFICATION SHEET

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

number for any of the applicable listed products.

Category/Subcategory	Manufacturer	Product Description	Approval Number
1. EXTERIOR DOORS	•		
A. SWINGING	PLASTPRO INC	3068 4 6068 Fiberalass	4760.1 2
B. SLIDING	CAPITAL	8068	7055.1
C. SECTIONAL	Ray nor	Classic Sectional Garage DOOR	FL- 3070
D. ROLL UP	Janus	Model 3100 - Rolling Short More	FL-22774
E. AUTOMATIC		STORY SHOP TOWN	PC-2019
F. OTHER			
a MINDOMO			
2. WINDOWS A. SINGLE HUNG	000:40	llet ve a til	
	CAPITAL	48 x 84	6029.7
B. HORIZONTAL SLIDER C. CASEMENT	capital	126 x59	6024.4
	700 0000	CSOCIO HUMA SOCIO	*
D. DOUBLE HUNG	Danvid	single hund windows	PL1369
E. FIXED	capital	96X72	6028.20
F. AWNING			
G. PASS THROUGH			
H. PROJECTED	<u> </u>		
. MULLION		·	
J. WIND BREAKER			
C. DUAL ACTION	<u> </u>		
OTHER			
	·		
. PANEL WALL			
SIDING	Alcoa	rinyl siding	FL 1621
. SOFFITS	ASI Building Pro.		L55461 £ 2
. EIFS			19 150
. STOREFRONTS			
CURTAIN WALLS			
WALL LOUVER			······································
GLASS BLOCK			
MEMBRANE			
GREENHOUSE			
OTHER			1
			<del></del>
ROOFING PRODUCTS			
ASPHALT SHINGLES	Tamko	30-YEAR Shimples asphalt	54 1.00
UNDERLAYMENTS		CO- YEAR SHIPTING	PL673
ROOFING			
STENERS			* a*
NON-STRUCTURAL	1		
METAL ROOFING			
WOOD SHINGLES AND	2 24-		
SHAKES		3	
ROOFING TILES			
ROOFING			<del></del>
ULATION	÷	<u> </u>	1 =
WATERPROOFING			

I. BUILT UP ROOFING ROOF SYSTEMS		9 5		41 5. as	84	22	
J. MODIFIED BITUMEN	E- 30	. 9	8				
K. SINGLE PLY ROOF SYSTEMS	*					ě	
L. ROOFING SLATE				#1 E E		750	
M. CEMENTS-ADHESIVES COATINGS	, *	a a a	8	×	(8)	0.2	λ.

Category/Subcategory	Manufacturer	Product Description	Approval Numbe
N. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS	<del> </del>	<del></del>	
A. ACCORDION	<del></del>		
B. BAHAMA		*	·
C. STORM PANELS		- <del>                                    </del>	
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			<u> </u>
G. OTHERS			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL			
COMPONENTS			
A. WOOD CONNECTORS/			<del></del>
ANCHORS	Simpson Steony	wood connectors functors	FL1474
	Alpine Engineered	Produt - Apine TRUES Plates	84999
D. ENGINEERED LUMBER	LPEWP	laminated Beams I Joist	
D. RAILING	LIEWI	Caminoted Beams, I Joist	PL ISII
COOLERS-FREEZERS		<del>                                     </del>	ļ
CONCRETE	TOTAL		<del> </del>
ADMIXTURES		- N	
6. MATERIAL		<del></del>	<del> </del>
I. INSULATION FORMS		· · · · · · · · · · · · · · · · · · ·	
PLASTICS			<u> </u>
DECK-ROOF			
. WALL			
SHEDS	1		
. OTHER			
NEW EXTERIOR			
ITETT ENILINGE			
ENVELOPE		•	1
ENVELOPE RODUCTS			

products, the characteristic	e following informations  s which the product	on must be a t was tested	vailable to the inspector on	the jobsite; 1) copy of the applicable.	at at the time of inspection of ne product approval, 2) the pe le manufacturers installation be demonstrated during
	25 34		8 2 W	esc Mar	38 SWS
	8		·		
3.					
	( <del>*</del>			15	® <sub>1</sub> .
				¥) (2	
	×				
		12	APPI	ICANT SIGNATURE	DATE

L:/GENERAL/STATEPROD.XLS

#### ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T7D8228Z0215130613

Truss Fabricator: Anderson Truss Company

Job Identification: 7-100R--Isaac Construction NICK PATEL RES. -- , \*\*

Truss Count: 66

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.24, 7.36, 7.25.

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

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

Minimum Design Loads: Roof - 55.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 - Open

#### Notes:

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

Details: BRCLBSUB-A11030EE-GBLLETIN-A11015EE-

#	Ref Description	Drawing#	Date
1	01799 A3	07135003	05/15/07
2	01800 A4	07135004	05/15/07
3	01801 A5	07135005	05/15/07
4	01802 A6	07135006	05/15/07
5	01803A7	07135007	05/15/07
6	01804 A8	07135008	05/15/07
7	01805 A9	07135009	05/15/07
8	01806A10	07135010	05/15/07
9	01807A15	07135068	05/15/07
10	01808A	07135042	05/15/07
11	01809A14	07135043	05/15/07
12	01810 A13	07135044	05/15/07
13	01811A12	07135045	05/15/07
14	01812A1	07135046	05/15/07
15	01813A2	07135047	05/15/07
16	01814A11	07135048	05/15/07
17	01815T-4	07135049	05/15/07
18	01816GE1	07135050	05/15/07
19	01817 HG5A	07135051	05/15/07
20	01818H7A	07135052	05/15/07
21	01819 T - 3	07135053	05/15/07
22	01820 T - 2	07135054	05/15/07
23	01821T-1	07135055	05/15/07
24	01822HG3A	07135056	05/15/07
25	01823 HG4A	07135057	05/15/07
26	01824Z G	07135058	05/15/07
27	01825 Z1	07135059	05/15/07
28	01826Z1A	07135060	05/15/07
29	01827 Z1B	07135061	05/15/07
30	01828Z2	07135062	05/15/07
31	01829 Z3	07135063	05/15/07
32	01830T53	07135064	05/15/07
33	01831 ZGE	07135065	05/15/07
34	01832FTG2	07135066	05/15/07
35	01833 FTG1	07135011	05/15/07
36	01834 M3B	07135012	05/15/07

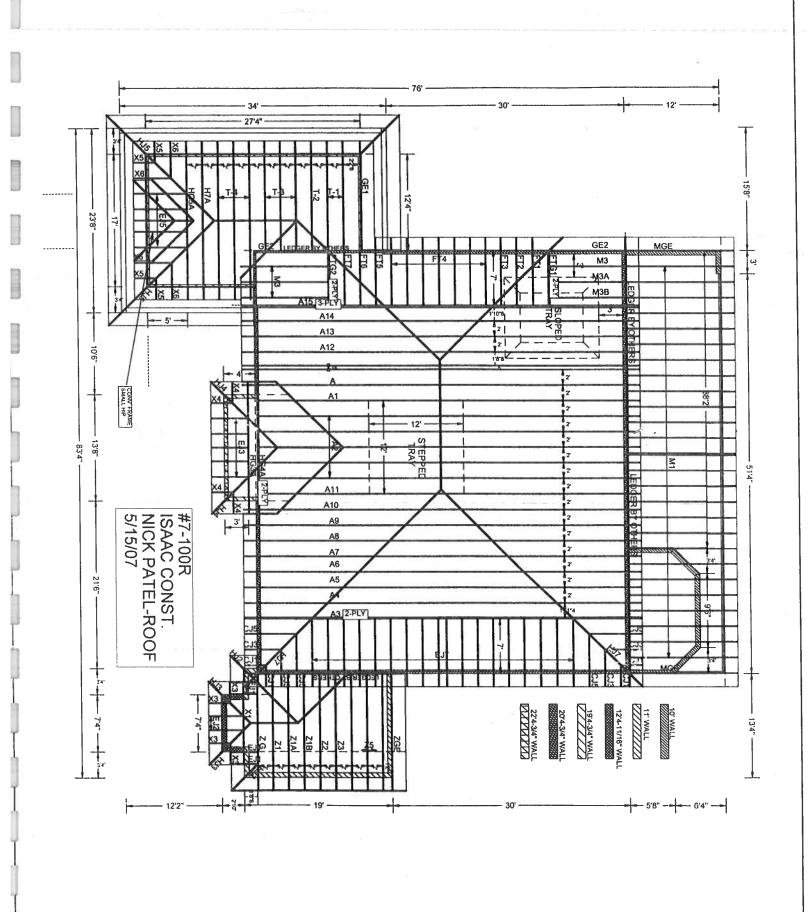
111	Dof Decemination	Desiral	Data
# 37	Ref Description 01835FT7	<u>Drawing#</u> 07135013	Date
			05/15/07
38	01836FT6	07135014	05/15/07
39	01837 FT5	07135067	05/15/07
40	01838FT4	07135015	05/15/07
41	01839FT3	07135016	05/15/07
42	01840 FT2	07135017	05/15/07
43	01841FT1	07135018	05/15/07
44	01842X1	07135019	05/15/07
45	01843X5	07135020	05/15/07
46	01844X6	07135021	05/15/07
47	01845X4	07135022	05/15/07
48	01846HJ4	07135023	05/15/07
49	01847 EJ3	07135024	05/15/07
50	01848CJ1	07135025	05/15/07
51	01849HJ7	07135026	05/15/07
52	01850CJ3	07135027	05/15/07
53	01851CJ5	07135028	05/15/07
54	01852EJ7	07135029	05/15/07
55	01853EJ2	07135030	05/15/07
56	01854X3	07135031	05/15/07
57	01855HJ3	07135032	05/15/07
58	01856HJ2	07135033	05/15/07
59	01857 EJ1	07135034	05/15/07
60	01858EJ5	07135035	05/15/07
61	01859HJ5	07135036	05/15/07
62	01860GE2	07135037	05/15/07
63	01861M3	07135038	05/15/07
64	01862M3A	07135039	05/15/07
65	01863M1	07135040	05/15/07
66	01864 MGE	07135041	05/15/07



Seal Date: 05/15/2007

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





JOB NO: 7-100R PAGE NO: 1 OF 1 JOB DESCRIPTION:: Isaac Construction /: NICK PATEL RES.

Bot chord 2x6 SP #1 Dense :T1, T5 2x6 SP #2: chord 2x8 SP #1 Dense :B2 2x8 SP SS: Webs 2x4 SP #3 :W2, W12 2x4 SP #2 Dense:

110 mph wind, 21.99 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

@

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

> COMPLETE TRUSSES REQUIRED

Nailing Schedule: ( Top Chord: 1 Row @ Bot Chord: 1 Row @ Webs : 1 Row @ : (12d\_Common\_(0.148"x3.25",\_min.)\_nails)
@12.00" o.c.
@12.00" o.c.
@ 4" o.c.

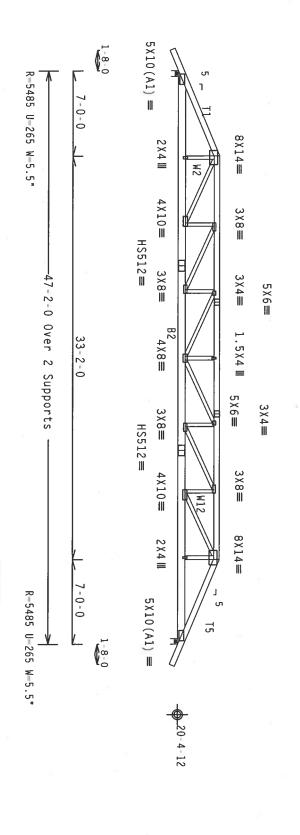
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Calculated horizontal deflection is 0.13" due to live load and 0.17" due to dead load.

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

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

Calculated vertical deflection is 0.83" due to live load and 1.09 due to dead load at X = 23-7-0.



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

TYP.

20

Gauge HS

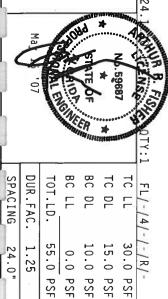
, Wave \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 EMIERRAISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED 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 PANELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN CONTORNANCE WITH TPI; OR FABRICATION, ANDLUING, SHEPPIK, HISTALLING & BRACING OF TRUSSES, DESIGN CONTROCATION, ANDLUING, SHEPPIK, HISTALLING & BRACING OF TRUSSES, DESIGN CONTROCAS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC. B. 464A) AND TPI. CONTROCAS OF TRUSSES, DESIGN CONTROCAS ARE HADE OF 20/18/166A (M.H/SS/K) ASTM A653 GRADE 40/60 (M. K/M.5S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF FLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI1-2002 SEC. 3. SEAL ON THIS DRAWINGS INDICATES ACCEPTANCE OF A PROPERTY OF THE STATES OF THE TRUSS CORPONENT OF THE PROPERTY OF THE STATES OF THE TRUSS CORPONENT OF THE STATES OF THE STATES OF THE TRUSS CORPONENT OF THE STATES OF THE STATES OF THE TRUSS CORPONENT OF THE STATES OF THE STATES OF THE TRUSS CORPONENT OF THE STATES OF THE STATES OF THE TRUSS OF

ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 567

HOWN. THE SUITABILITY AND USE OF THIS DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE



10.0 PSF 15.0 PSF

DRW HCUSR8228 07135003

REF

Scale = .125"/Ft. R8228- 1799

DATE

05/15/07

0.0 PSF

HC-ENG

JB/AF

163679

PSF

1.25

FROM SEQN-

24.0"

JREF -

1T7D8228Z02

Bot Haines City, FL 33844
FL Configurate of Authorization # 567 PLT TYP. Calculated vertical deflection is 0.61" due to live load and 0.78" due to dead load at X=23-7-0. In lieu of structural panels use purlins to  $24\ensuremath{\text{m}}$  oc. Wind reactions based on MWFRS pressures (7-100R--Isaac Construction NICK PATEL RES. chord 2x6 SP #2 chord 2x6 SP #2 :B2 2x6 Webs 2x4 SP #3 ALPINE Wave 4X10(A1) =[ 8 0 R-2823 U-180 W-5.5\* ഗ 1.5X4₩ \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI, OR FAREIGN, CHICAGO, THE STEEL OF \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BCSI (GUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB
MORTH LEE STREE, SUITE 312, ALEXANDRIA, VA, ZZIJA) AND UTCA, (MOOD TRUSS COUNCIL OF AMERICA, 6300
EMPERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OFHIGHNISE HOULDS, ALDISON SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGID CEILING. BUILDING DESIGNER PER 0-0-0 SP #1 Dense: 6X12= 3 X 4 ≡ SUITABILITY AND USE OF THIS COMPONENT ANSI/TPI 1 SEC. 2. Design Crit: brace all flat TC 6X6**≡** 5×6≡ 3×4≡ -47-2-0 Over A4) 82 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 1.5X4 III ര 29-2-0 4 X 8 ≡ 5×6≡ 2 Supports 3 X 4 ≡ /10(0)5 X 6≡ 6X6**≡** WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, and installation of trusses. See "WARNING" note below. Calculated horizontal deflection is 0.13" due to live load 0.16" due to dead load. 110 mph wind, 22.40 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 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. 6X12 = $3 \times 4 =$ THIR R. SANSE 159687 9-0-0 IE OF R-2823 U-180 W-5.5" 4X10(A1) =(° ВС BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-55.0 1.25 15.0 PSF 30.0 PSF 10.0 PSF 0.0 PSF PSF shipping DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 07135004 Scale =.125"/Ft. Contract of these this R8228-JB/AF 05/15/07 163688 1800

SPACING

24.0"

JREF -

1T7D8228Z02

Calculated vertical deflection is 0.45  $^{\circ}$  due to live load and 0.58  $^{\circ}$  due to dead load at X = 23-7-0. In lieu of structural panels use purlins to brace all flat TC @  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C. Wind reactions based on MWFRS pressures Top chord 2x6 SP #2 Bot chord 2x6 SP #2 Webs 2x4 SP #3 PLT TYP. ITW Building Components Group, Inc. Haines City, FL 33844 FL Continguation # 567 (7 100R Isaac Construction NICK PATEL RES. ALPINE Wave 4X10(A1) (1-8-0 (1-8-0) R=2823 U=180 W=5.5" Ш \*\*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 COMPORMANCE WITH IP: OR FARRICATING. MANDING. SHAPPING. INSTALLING & BRACHING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ANDS (MATIONAL DESIGN SPEC. BY AFRA) AND IP!

ITH BCG COMMEDENS ARE MADE OF 20/18/166A (M.H/SS/M) ASIM A653 GRADE 40/560 (M. K/M.SS) BALL. SIELL APPLY PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OT IPI1 2003 ESC.3. A SEAL ON THIS DRAWING INSTALLES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE \*\*\*MARNING\*\* TRUSES REQUIRE EXTREME CARE IN FABRICATION. MANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO SET (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE SIREET. SUITE 312. ALEXANDRIA, VA. Z2314) AND WITCA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLGATED FOR HORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 1.5X4 III [1-0-0]3×4/  $3 \times 4 \equiv$ 6X10 =Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)) SEC. 2. 6X6**≡** \* 4 X 5 = 3×4≡ 47-2-0 Over A5) 1.5X4 ■ 4×8≡ 2 Supports 5x6≡ <sup>3x4</sup>≡ 4 X 5 = /10(0)6X6≡ 110 mph wind, 22.82 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, and installation of trusses. See "WARNING" note below. Calculated horizontal deflection is 0.12" due to live load 0.16" due to dead load. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 6X10≅ 1.5X4 III 3×4₩ 11-0-0 CENS No. 59 E OF R=2823 U=180 W=5.5\* 4X10(A1) ≡ \* BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-55.0 10.0 PSF 15.0 PSF 30.0 PSF 24.0" 1.25 0.0 PSF PSF shipping REF DATE JREF-FROM SEQN. DRW HCUSR8228 07135005 HC-ENG Scale R8228-1T7D8228Z02 =.125"/Ft. JB/AF 05/15/07 163693 1801

Wind reactions based on MWFRS pressures

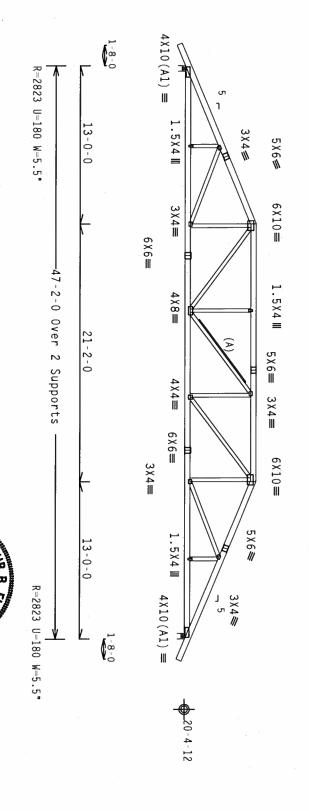
(A) 1x4 #3 or better "T" brace. 80% length of web member. with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" 0C.

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

Calculated horizontal deflection is 0.11" due to live load 0.15" due to dead load.

In lieu of structural panels use purlins to brace all flat 24″ OC. TC **®** 

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



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

PLT TYP.

Wave

\*\*\*MANNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PURIOD BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. Z2314) AND HEAL (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERPORHING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED FOR CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH PI: OR FAREICATING, HANDLIGS, SIMPPING, INSTALLING & BRACTING OF FRUSSES, DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI ITH BCG CONNECTION PARTS ARE HADE OF 20/18/18/CA (M. H/SYS), ASTH AGES GAME 40/50 (M. K/H.S) GALV. SIEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX A 30 F PII-2002 SEC. 3. A SEAL ON HITS DESIGN SHOWN. THE SUITABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

Haines City, FL 33844
FL Coule cate of Authorization # 507

ALPINE

SPENSE o. 59687

J		8		DIN I	PI Pittiti	mini
SPACING	DUR.FAC.	TOT.LD:	BC LL	BC DL	TC DL	דכ רר
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF - 1T7D8228Z02	FROM AH	SEQN- 163702	HC-ENG JB/AF	DRW HCUSR8228 07135006	DATE 05/15/07	REF R8228- 1802

Scale =

(7 100R Isaac Construction NICK PATEL RES. A7)

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

Wind reactions based on MWFRS pressures

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

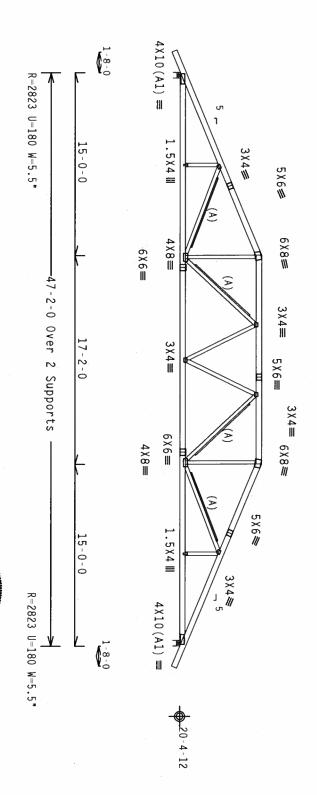
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 

110 mph wind, 23.65 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.11" due to live load 0.15" due to dead load.

In lieu of structural panels use purlins to brace all flat 24 " 0C.

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



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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.

REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, 218

NORTH LEE STREET, SUITE 127. ALEXANDRIA, VA, 22214) AND UTCA (MODO TRUSS COUNCIL OF AMERICA. 6300

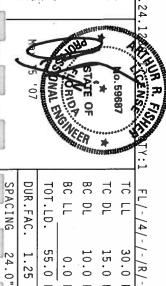
ENTERPRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS

OTHERNISE INDICATED TOP CHORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE
A PROPERLY ATTACHED RIGIO 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. TWY FAILURE TO BUILD THE TRUSSS IN CONFIGNANCE HITH TPI: OR FABRECHING, HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFECTOR PLATES ARE HADE OF ZO/IS/16564 (H.H.YSS/X). ASIM A653 GRADE 40/60 (M. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OHERNISE (CCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOHED BY (I) SHALL BE PER ANNEX A OF TPI1-ZOOZ ECC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLIKE FING RESPONSIBILITY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLIKE FING RESPONSIBILITY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLIKE FING RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	/ / -/ / / / / /
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF	/ / ' ' /
JREF- 1T7D8228Z02	FROM AH	SEQN- 163710	HC-ENG JB/AF	DRW HCUSR8228 07135007	DATE 05/15/07	REF R8228- 1803	000-0

Top chord 2x6 SP #2 Bot chord 2x6 SP #2 Webs 2x4 SP #3 (7-100R--Isaac Construction NICK PATEL RES. A8)

Wind reactions based on MWFRS pressures

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

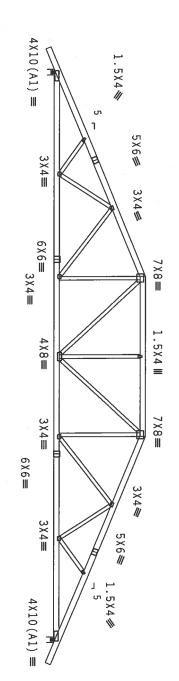
110 mph wind, 24.07 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18

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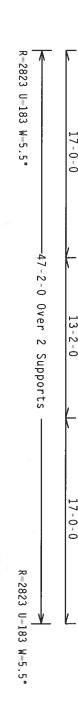
In lieu of structural panels use purlins to brace all flat 24″ OC.

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

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\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICALED TOP CORDOS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

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Scale =.125"/Ft.

PLT TYP.

Wave

\*\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FAREICATING, ANDIDING. SHEPPING, INSTALLING & BRACKLING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS SCHATIONAL DESIGN SPEC. BY ATRAPA, AND TPI. ITIN BGG CONFORMS THIS APPLICABLE PROVISIONS OF HIS SCHATIONAL DESIGN SPEC. BY ATRAPA, AND TPI. ITIN BGG CONFORMS AND. DIRECTOR PLATES ARE ANDE OF ZO1/291/26CA (M.H.SYS), ASTH AGES GRADE 40/560 (M. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS. AND. DIRECTS OTHERWISE LOCATED ON HIS DESIGN, POSITION FER BRANINGS 160A-Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANKEX AS OF FPII-2002 SEC. 3. ASSA. ON THIS DEAL OF PROFESSIONAL ENGLIFERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANKSI/FPI 1 SEC. 2.

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ALPINE

6.59687 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. 55.0 PSF 10.0 PSF 15.0 PSF 30.0 PSF 24.0" 1.25 0.0 PSF REF JREF -FROM SEQN-DATE DRW HCUSR8228 07135008 HC-ENG R8228- 1804 1T7D8228Z02 JB/AF 05/15/07 163715

(7-100R - Isaac Construction NICK PATEL RES. A9)

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

Wind reactions based on MWFRS pressures

In lieu of structural panels use purlins to brace all flat TC  $24\,\text{\H{\sc 0}C}.$ 

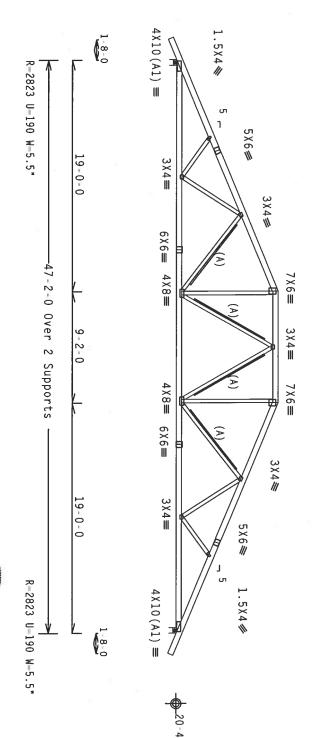
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, and installation of trusses. See "WARNING" note below. shipping

110 mph wind, 24.49 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18

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

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

\*\*HARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RECER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 219 MORTH LEE STREET, SUITE 317. ALEXANDRIA, VA. 22314) AND MICA (MODED TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MODISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PCORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

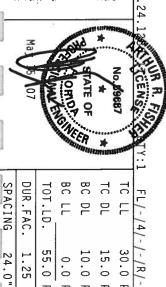
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. I'M BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI; OR FABRICATING, HANDLIGG, SHEPPING, INSTALLING & BRACHING OF TRUSSES, OR FABRA, AND TPI. CORECT PROPISIONS OF HIS SCILLING A BRACHING OF TRUSSES, AND TPI. I'M BGG CONNECTOR PLATES ARE MADE OF 20/18/18/16A. (M.H.SS.)K), ASTIM AGES GANGE 40/60 (M. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS. AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 16GA. Z. ANY HISSECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPI1-2002 SEC. 3. AS SEAL ON THIS DESIGN FOR ACCEPTANCE OF PROFESSIONAL ENGLNEETING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

DESIGN SHOWN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNSI/TPI I SEC. 2.

Haines City, FL 33844
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ALPINE



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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	דכ רר
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF - 1T7D8228Z02	FROM AH	SEQN- 163720	HC-ENG JB/AF	DRW HCUSR8228 07135009	DATE 05/15/07	REF R8228- 1805

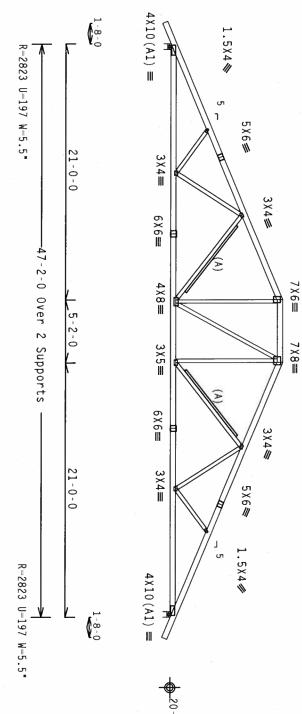
Scale =.

125"/Ft

Top chord 2x6 SP #2
Bot chord 2x6 SP #2
Webs 2x4 SP #3 In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ .$ Wind reactions based on MWFRS pressures (7 100R Isaac Construction NICK PATEL RES A10) (A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C. 110 mph wind, 24.90 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 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. הול כחב ואבי האבר ואכני לכנה כובא זהו כו (דבטבי פ כזול הפזכת יחלות וולב כו ואפקים והא.

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

shipping



PLT TYP. ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFLATION FROM THIS DESIGN, FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP). OR FARRICATION, HANDLING, SHAPPING, HISTALLING A BRACING OF TRUSSES.

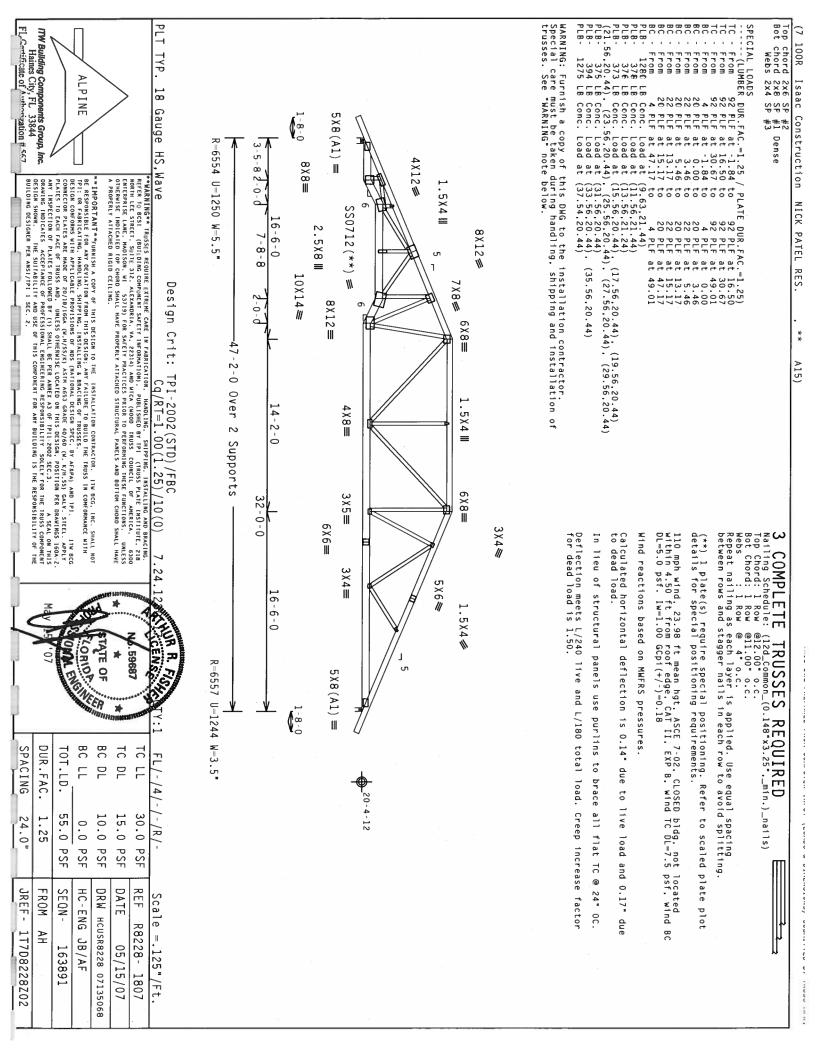
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SECE, N. \*AFRA) AND IP). IT BCG CONNECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/K) ASTH A653 GRADE 40/60 (M. K/M.SS) GALY. STEEL, APPLY PAATES TO EACH FACE OF TRUSS AND. UNLESS OHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPI1 2002 SEC. 3. A SEAL ON THIS DESIGN AND ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPI1 2002 THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, "MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO SE QUILLDING COMPONENT SAFETY HORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREE, SUITE 312, ALEXANDRIA, NA, ZZIAJ) AND WITCA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMHEM THESE FUNCTIONS. UNLESS OTHERWISE HOLGANDED FOR SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERTY ATTACHED TRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING R
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT
BUILDING DESIGNER PER AMSI/IPI I SEC. Z. Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0) TENSE 0.59687 BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-55.0 15.0 PSF 30.0 PSF 10.0 PSF 1.25 0.0 PSF PSF REF FROM SEQN-DATE HC-ENG DRW HCUSR8228 07135010 Scale =.125"/Ft. R8228-JB/AF 05/15/07 163727 1806

SPACING

24.0"

JREF -

1T7D8228Z02



ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 PLT TYP. 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 Top chord 2x6 SP #2 Bot chord 2x6 SP #2 Webs 2x4 SP #3 (7-100R--Isaac Construction NICK PATEL RES. ALPINE Wave  $4X10(A1) \equiv$ ( 8 0 R-2823 U-206 W-5.5" \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FABRICATING, HANDLING, SHAPPING, INSTALLING & BRACHEG FEUSSES, DESIGN CONFORMS, MITH APPLICABLE PROVISIONS OF BDS. (MATIONAL DESIGN SEC, BY ATRAY) AND TPI. ITW BCG CONNECTOR PLATES ARE HADE OF ZO/IS/1666, (M.H/SS/K), ASTH A653 GRADE 40/60 (M. K/H.55) GALY. SITECL APPLY PLATES TO EACH FACE OF TRUSS AND, UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWLEGS. AND LINESS ON THIS DESIGN SEC, 3. ASTA, ON THIS DRAWLING INFOALTS AND THE STORM SEC, 3. ASTA, ON THIS DRAWLING INFOALTS AND THE SUBJECT OR THE TRUSS COMPONENT DRAWLING INFOALTS ACCEPTANCE OF TRUSSIONAL THE GREEN SHELLTY OF THE DRAWLE THE TRUSS COMPONENT DRAWLING INFOALTS ACCEPTANCE OF TRUSSIONAL THIS DESIGN SHOWN. THE SUBJECT OR THE TRUSS COMPONENT DRAWLING INFOALTS ACCEPTANCE OF TRUSSIONAL THIS DESIGN SHOWN. THE SUBJECT OR THE TRUSS COMPONENT DRAWLING INFOALTS ACCEPTANCE OF TRUSSIONAL THIS DESIGN SHOWN. DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 1.5X4 5×6# 3X4≡ 23-7-0 Design Crit: 3×4 ≢ 6X6**≡** 47-2-0 Over TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 4×4≡ 6X8**≡** 2 Supports 4 X 4≡ 6X6**≡** 3 X 4 ⊯ WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 25.44 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18 (A) Continuous lateral bracing equally spaced on member 3×4≡ 5 X 6 ₩ 1.5X4 TATE OF 5. 59687 07 R-2823 U-206 W-5.5" 4X10(A1) =(°) BC LL BC DL TC DL DUR.FAC. IC LL SPACING TOT.LD. FL/-/4/-/-/R/-מירט דעומי לרמטמס מ מזוורעמלמעמל מממוזזוורם מו ועמפק ווועי 55.0 1,25 30.0 PSF 24.0" 10.0 PSF 15.0 PSF 0.0 PSF PSF DATE JREF-FROM SEQN-REF HC-ENG DRW HCUSR8228 07135042 Scale = .125"/Ft. R8228- 1808 1T7D8228Z02 JB/AF 05/15/07 163840

Bot (7-100R-Isaac Construction NICK PATEL RES. A14)

p chord 2x6 SP #2 t chord 2x6 SP #2 Webs 2x4 SP #3 :B3 2x6 SP #1 Dense: :W2, W6 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures

Calculated horizontal deflection is 0.18" due to 0.24" due to dead load. live load

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

Calculated vertical deflection is 0.45 due to live load 0.58 due to dead load at X = 13-2-0. and

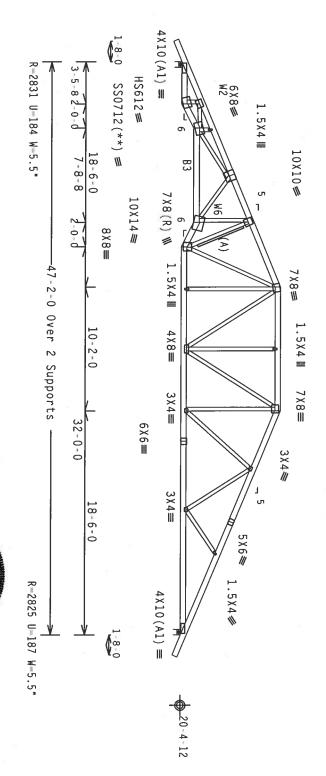
(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 24.38 located within 6.50 DL=7.5 psf, wind BC ft mean hgt, ASCE 7-02, CLOSED bldg, not ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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

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



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave 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. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE 10 BUILD THE TRUSS IN COMPORMANCE MITH IP: OR FARBICATING. HANDLING, SHIPPING. INSTALLING A BRAZING OF TRUSSES.

DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC. BY AFRAY) AND IPP. IH BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/K) ASIM AGES GRADE 40/56 (M. K/M.SS) GALV. SITEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE (DCATED ON THIS DESIGN, POSITION OF PROBABINGS 166A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANKEX AS OF IPPI-2002 SEC.3. A SEAL ON THIS DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER ING RESPONSIBILITY OF THE BUSS COMPONENT DESIGN SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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TW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 567

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			PSF	PSF	PSF	PSF	PSF
П	-						
	JREF-	FROM	SEQN-	HC-EN	DRW H	DATE	REF
	JREF- 1T7D8228Z02	FROM AH	SEQN- 163869	HC-ENG JB/AF	DRW HCUSR8228 07135043	DATE 05/15/07	REF R8228- 1809

Scale =.125"/Ft

Bot p chord 2x6 SP #2 t chord 2x6 SP #2 : Webs 2x4 SP #3 : :B3 2x6 SP #1 Dense: :W2, W6 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures

Calculated horizontal deflection is 0.18" due to 0.24" due to dead load. live load

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

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

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

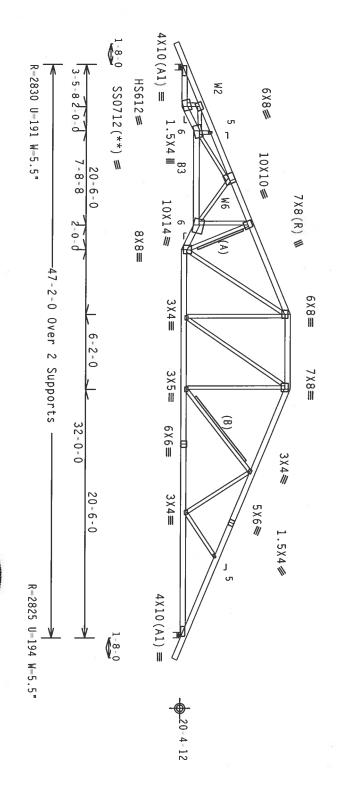
(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 24.80 located within 6.50 DL=7.5 psf, wind BC ft mean hgt, ASCE 7-02, CLOSED bldg, not ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(B) 2x4~#3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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

Calculated vertical deflection is 0.45° 0.58° due to dead load at X = 13-2-0. due to live load and



PLT TYP. 20 Gauge HS,18 Gauge HS Wave Design Crit: TPI-2002 (STD) /FBC Cq/RT=1.00(1.25) /10(0)

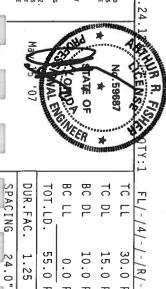
\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFEIT INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREE, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERFER AND SOM, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO FORDE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

\*\* IMPORTANT\*\*GURNISH A COPY OF THIS DESIGN TO THE INSTITUTION CONTRACTOR. IN BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMACE HITH TRIS. OR FABRICATING. HANDLING. SHIPPING. INSTALLING BRACHE OF TRUSSE THE TRUSS IN CONFORMACE HITH TRIS. COSIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS GRAIDONAL DESIGN SPEC. BY ASERA) AND TPI. ITH BCG CONNECTOR PLAIES ARE HADE OF 20/10/1666, (W.M/SSIX) ASIA ASS. GRADE 40/66 (W.K./H.SS) GALV. SIEEL APPLY PLAIES OF EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 160A-Z. ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SEAL ON THIS ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SEAL ON THIS ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. DRAWING INDICATES

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ALPINE



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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	דכ רר
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF- 1T7D8228Z02	FROM AH	SEQN- 164154	HC-ENG JB/AF	DRW HCUSR8228 07135044	DATE 05/15/07	REF R8228- 1810

Scale = .125"/Ft.

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

Wind reactions based on MWFRS pressures

Calculated horizontal deflection is 0.18" due to 0.24" due to dead load. live load and

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

Calculated vertical deflection is 0.46" due 0.59" due to dead load at  $X=13-2\cdot0$ . to live load

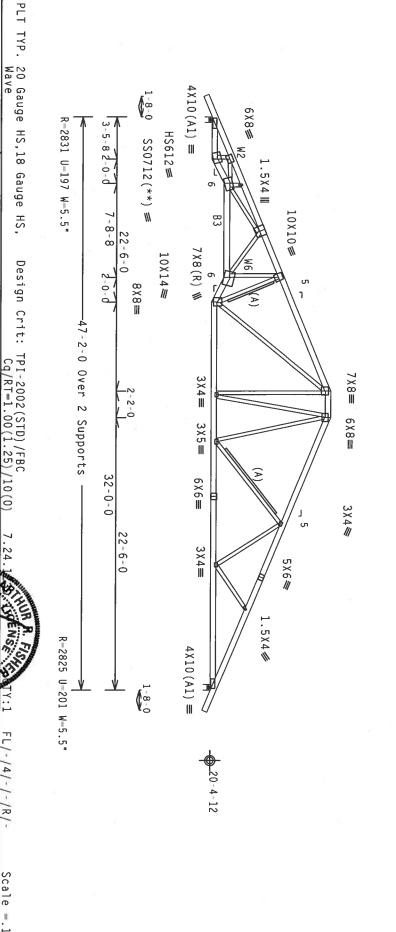
(\*\*) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 25.22 located within 6.50 DL-7.5 psf, wind BC ft mean hgt, ASCE 7-02, CLOSED bldg, not ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

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

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



ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 567

ALPINE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH PICOR FARECATING, ANDLOIGG, SHEPPING, INSTALLING A BRACHING OF TRUSSES, DATE OF TRUSS OF TRUSS

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BCS1 (RUSS PLATE INSTALLING AND BRACING. REFER TO BCS1 (RUSS PLATE INSTITUTE, ZIB MORTH LEE STREE, SUITE 312. ALEXANDRIA, VA. ZZ314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAKE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOLDSCAFED OF GROUDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION OF THE STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

WENS . 59687

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

Scale =.125"/Ft. R8228-

15.0

PSF PSF

DATE REF

05/15/07

1811

10.0 PSF 0.0

DRW HCUSR8228 07135045

30.0

9

ВС BC DL TC DL TC LL

PSF PSF

HC-ENG

JB/AF

55.0

SEQN-FROM

163910

SPACING DUR.FAC. TOT.LD.

24.0" 1.25

JREF-

11708228202

Wind reactions based on MWFRS pressures Top chord 2x6 SP #2 Bot chord 2x6 SP #2 Webs 2x4 SP #3 TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ (7-100R--Isaac Construction NICK PATEL RES. ALPINE Wave 4X10(A1) =(° 0 0 R-2802 U-208 W-5.5" \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY OEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FABRICATING, ANNOLING. SHEPPING, INSTALLING & BRACIENG OF TRUSSES.

DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF NIDS (NATIONAL DESIGN SPEC, BY ATERA) AND TPI.

COUNTRY OF THE ARE MADE OF 70/19/160A. (W.H.YSY,) ASTH AGES GRADE 40/500 (W. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A. 2. ANY HISPECTION OF PLATES FOLUCHED BY (1) SHALL BE FER ANKEX AS OF TPI1-2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN.

THE SUITABLE THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI 1 SEC. 2. \*\*HARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOLDCARE TO DECROB SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 1.5X4// 5×6# 3X4 =23-7-0 Design Crit: 3X4≢ S 6X6**≡** 46-8-8 TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 4×4≡ 0ver €X8= ~ Supports 4×4= 6X6**≡** 3×4₩ WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. 110 mph wind, 25.44 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 (A) Continuous lateral bracing equally spaced on member 23-1-8 3 X 4 ≡ 5X6₩ 1.5X4 WI HUR MENSE lo. 59687 TATE OF היים בנים וויים יוים יוים יים בנים בנים לבסטס פ מזורנו בנים לימוד וורם מו וויחסק זו איד R=2622 U=184 4X10(B1) ≡ \* 8-8-0 BC LL BC DL TC DL TC LL SPACING DUR FAC. TOT.LD. FL/-/4/-/-/R/-55.0 30.0 24.0" 1.25 10.0 PSF 15.0 PSF 0.0 PSF PSF PSF FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 07135046 JREF-Scale = .125"/Ft. R8228- 1812 1T7D8228Z02 JB/AF 05/15/07 163920

Top chord 2x6 SP #2
Bot chord 2x6 SP #2 :B3 2x6 SP #1 Dense:
 Webs 2x4 SP #3
:W5, W9, W10, W11 2x4 SP #2 Dense:

Calculated horizontal deflection is 0.25" due to live load and 0.32" due to dead load.

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

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

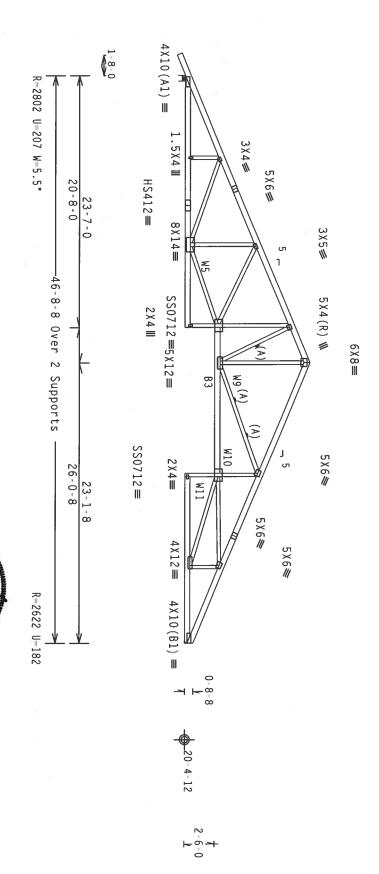
110 mph wind, 25.44 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

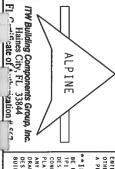
tive care to the tour control tour and the deal of a fine party of a control of the control of t

Wind reactions based on MWFRS pressures

(A) Continuous lateral bracing equally spaced on member.

Calculated vertical deflection is 0.52" due to live load and 0.68" due to dead load at X = 32-8-0.





PLT

TYP.

20 Gauge HS,18 Gauge HS, Wave

Design Crit:

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

\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PURIOD BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZZ314) AND HEAL (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORANCE WITH TPI: OR FAREICATING, HANDLIGG. SUPPPING, INSTALLING A BRACHING OF TRUSSES, OR FAREA, AND TPI. DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS SKINCHING FROM SPEC. BY AFREA, AND TPI. ITN BCG. COMPORES THE APPLICABLE PROVISIONS OF HIS SKINCHING EACH OF M. K.M. SS) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS, AND. JUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A. Z. ANY HISSECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANKEY AS OF TPII-2002 SEC. J. A. SLEA. ON THIS DEATH OF THE SULTABLILITY AND USE OF FROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULTABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FPI I SEC. Z.

BC DL TC DL דכ רר DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-

10.0 PSF 15.0 PSF 30.0 PSF

DRW HCUSR8228 07135047

DATE REF

05/15/07

1813

Scale =.125"/Ft. R8228-

0.0 PSF PSF

HC-ENG JB/AF

55.0 1.25

SEQN-

163981

24.0"

JREF -

1T7D8228Z02

FROM

(7-100R--Isaac Construction NICK PATEL RES.

Top chord 2x6 SP #2
Bot chord 2x6 SP #2 :B3 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W5, W11, W12 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures

(A) 2x8 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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

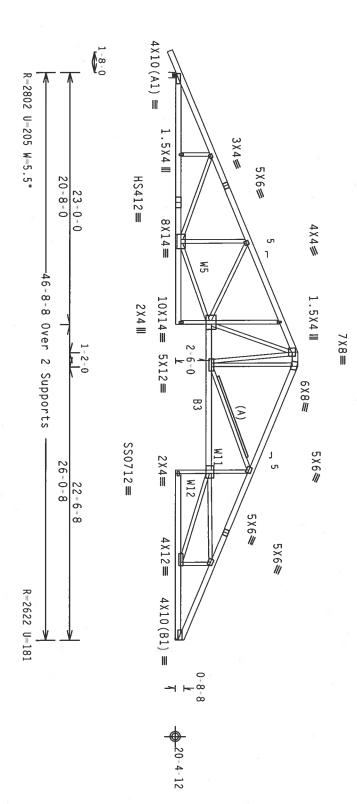
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, and installation of trusses. See "WARNING" note below. shipping

110 mph wind, 25.32 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/ )=0.18

Calculated horizontal deflection is 0.25" due to live load and 0.32" due to dead load.

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

Calculated vertical deflection is 0.52° 0.67° due to dead load at X = 32-8-0. due to live load and



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

\*\*WARNING\*\* TRUSSES REQUIRE EXPREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 313, ALEXANDRIA, VA, 22314) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ERRIEGAPISE LANE, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TO FROMD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

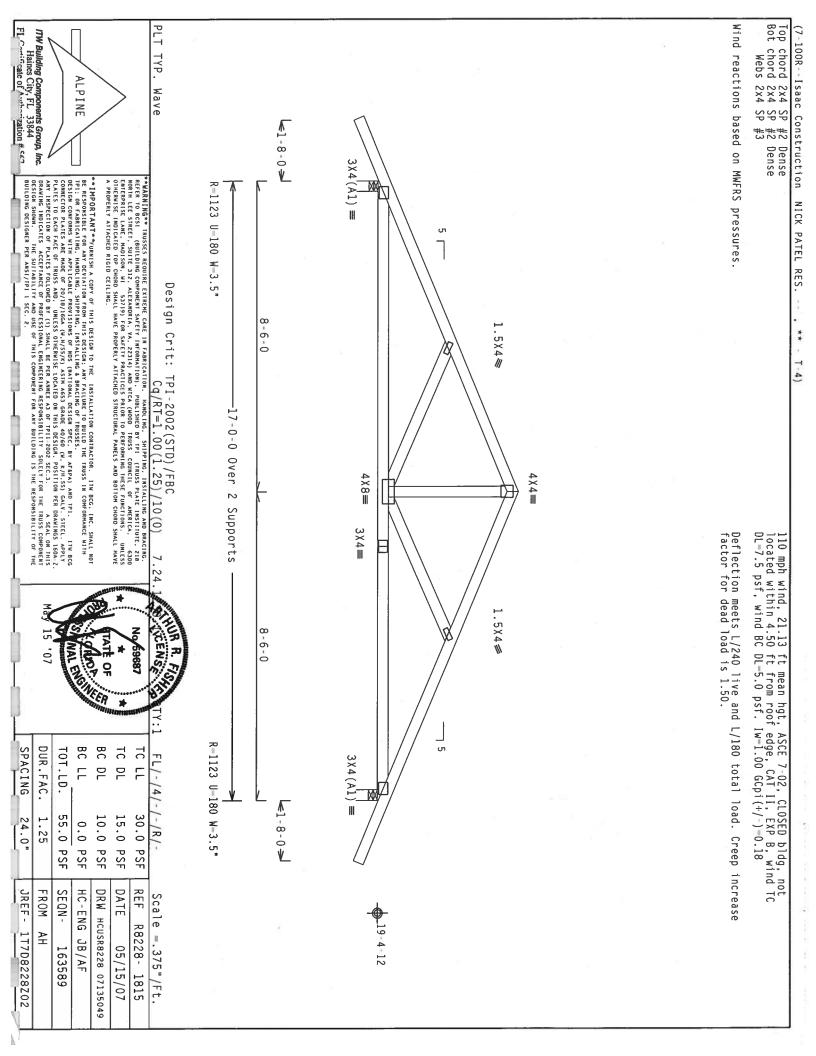
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATING, HANDLING, SHEPPING, HISTALLING & BRACING OF TRUSSES, MY AREA AND TPI. ITM BCG CONNECTOR PLATES ARE HADE OF 70/19/166A (M.H/SS/K) ASTM A653 GRADE 40/60 (M.K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN SEC. SHALL APPLY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE BUILDING DESIGNER PER

ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 547

ALPINE

\* 

I	SPACING	DUR.FAC. 1.	TOT.LD. 55	BC LL 0	BC DL 10	TC DL 15	TC LL 30	FL/-/4/-/-/R/-
	24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF	/R/-
	JREF- 1T7D8228Z02	FROM AH	SEQN- 163987	HC-ENG JB/AF	DRW HCUSR8228 07135048	DATE 05/15/07	REF R8228- 1814	Scale =.125"/Ft.



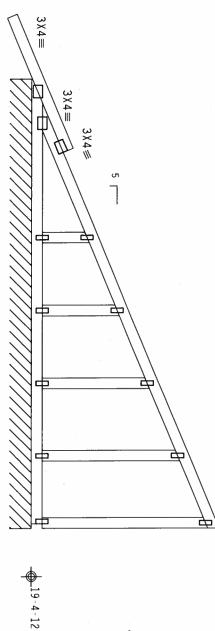
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures Isaac Construction NICK PATEL RES. 110 mph wind, 21.77 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 ווידי מאת ויצרוישרם ויצמו ממני מורט דשומי (רמשמת פ מזורשתימשת) מממוזוירם כי וישפת ושיי

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

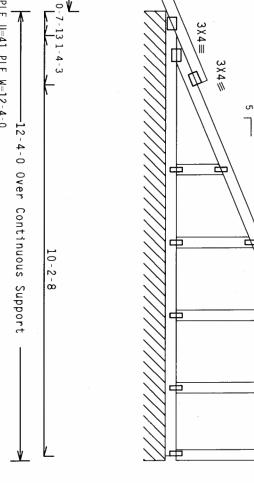
Truss spaced at 24.0" OC designed to support 1-8-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

Right end vertical not exposed to wind pressure

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements



4-10-7



R=198 PLF U=41 PLF W=12-4-0

**1-8-0** 

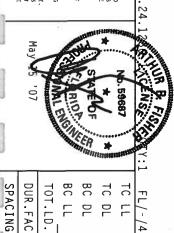
Note: All Plates Are 1.5X4 Except As Shown.

Wave

\*\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA, 22313) AND METACA (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO ROMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. 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. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FABRICATING, ANADIDLES, SIMPPING, INSTALLING & BRACKLING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MIS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI. ITH BCG CONFORMS THIS ARE HADE OF 20/18/19/6A, (M.H.SYS,K) ASTH AGES GAMDE 40/60 (M. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS. AND. DUMESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BOAMINGS 160A Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX A 30 F PPI1-2002 SEC.3. AS SEAL ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE



3			*8000	W MINI	# Ferniss	IN FREE	Y:1
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/-/-/R/-
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF	/-/R/-
JREF - 1T7D8228Z02	FROM AH	SEQN- 164181	HC-ENG JB/AF	DRW HCUSR8228 07135050	DATE 05/15/07	REF R8228- 1816	Scale =.375"/Ft.

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 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 PLT TYP. (7 100R Isaac Construction ALPINE Wave **€**1-8-0**€** 3X4(A1) =\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATION. HANDLUGK, SHEPPIK, HISTALLING & BRACING OF TRUSSES. BY AREA) AND TPI.

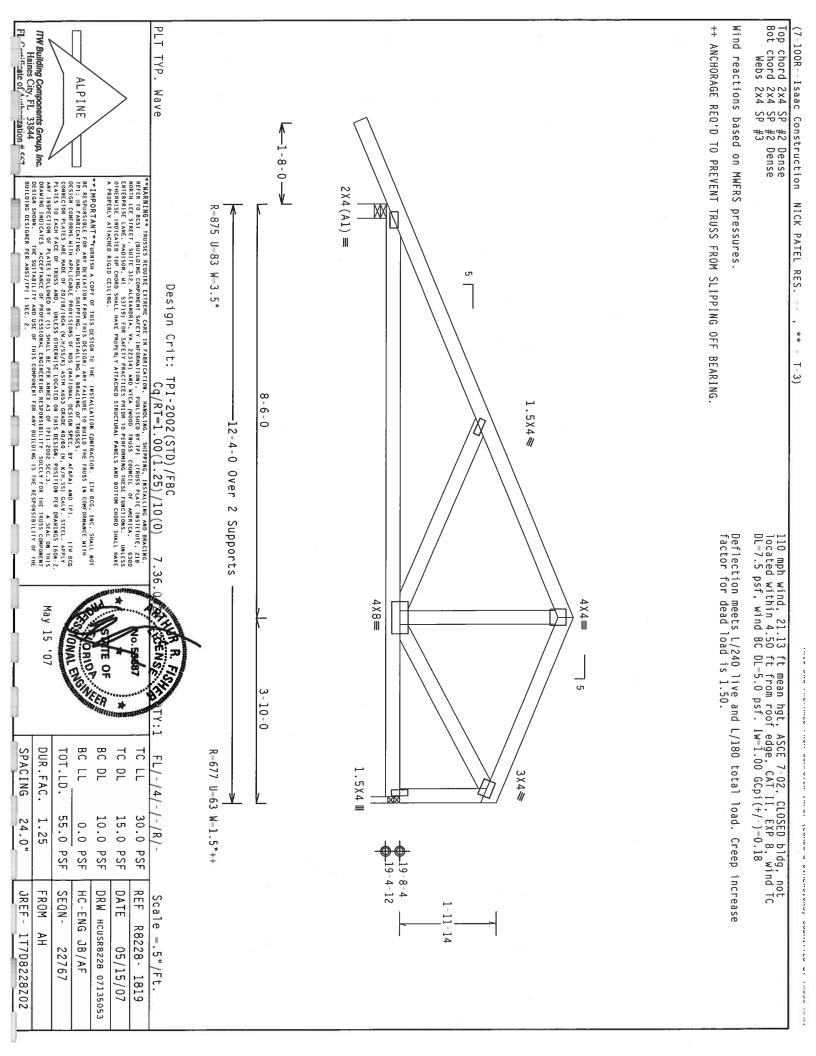
DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF TWOS (MATIONAL DESIGN SPEC, BY AREA) AND TPI.

DESIGN COMPORNS HITH APPLICABLE PROVISIONS OF TWOS (MATIONAL DESIGN SPEC, BY AREA) AND TPI.

COMMECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/K) ASIM A653 GRADE 40/60G (M. K/M.SS) GALLY SIEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A 30 F TPII 2002 SEC. 3.

AS SAAL ON THIS DRAWHING INDICATES ACCEPTAINCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, INADILING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE SIREE), SUITE 312. ALEXANDRIA, VA. ZZ314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED OF CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENDESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. R=1123 U=106 W=3.5" NICK PATEL RES. Design Crit: 7 - 0 - 0 H7A) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ -17-0-0 Over 2 Supports 5×5≡ 3 X 4 ≡ 3-0-0 /10(0)1.5X4 III 4×8≡ 110 mph wind, 20.82 ft mean hgt, ASCE 7-02, CLOSED bidg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 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" OC. 3 X 4 ≡ 7-0-0 R-1123 U-106 W-3.5" BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-3X4 (A1) **1-8-0** 55.0 PSF 10.0 PSF 15.0 PSF 30.0 PSF 24.0" 1.25 0.0 PSF JREF -FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07135052 Scale =.375"/Ft. R8228- 1818 1T7D8228Z02 JB/AF 22762 05/15/07



PLT TYP. In lieu of structural panels use purlins to brace all flat TC  $24\,\text{\ensuremath{^{\circ}}}\ 0\text{\ensuremath{^{\circ}}}\ .$ Wind reactions based on MWFRS pressures Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Haines City, FL 33844
FL Cause cate of Authorization # 567 ++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING (7-100R-Isaac Construction ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATING, HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SEC. B. YAFAFA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF 20/18/166A (H.H/SS/K) ASTM A653 GRADE 40/60 (M. K/H.SS) GALV. SIECL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OTHERNISE (COATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY THSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPII-2002 SEC. 3. SEAL ON THIS DESIGN SHOWN. THE SULFABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 MORTH LEE SIREE], SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PERFORM THE THESE FUNCTIONS. UNLESS A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. NICK PATEL RES. **★**1-8-0**★** 2X4(A1) =R=866 Design Crit: U-67 W-3.5" ഗ T-2) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 12-4-0 Over 10-4-0 1.5X4₩ 2 Supports 110 mph wind, 21.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 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. 7.36.0 CENSE 3X4 =6.59687 TATE OF 5×6≡ 07 2-0-0 R=686 U=89 1.5X4 III 3×4≡ \* W=1.5"++ BC DL BC LL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-זייי מי לבמונים מי מדוובעים במנות לממונדיו במ מי יווחחת ווו ווי 55.0 24.0" 1.25 10.0 PSF 15.0 PSF 30.0 PSF 0.0 PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 07135054 Scale = .375"/Ft. R8228- 1820 1T7D8228Z02 JB/AF 22772 05/15/07

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. ++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING 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 ITW Building Components Group, Inc. Haines City, FL 33844 FL Conficate of Authorization # 547 (7-100R--Isaac Construction NICK PATEL RES. ALPINE Wave \*\*IMPORTANT\*\*FURWISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW GEVIATION FROM THIS DESIGN. FAILURE TO BUILD THE FRUSS IN COMPORMANCE WITH TPI: OR FABRICATION, HANDLUNG, SHEPPIK, INSTALLING A BRAICING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC. BY AFRA) AND TPI.

DESIGN CONFORMS AND HADE OF 20/18/1666 (M.H/SS/N) ASIM A653 GRADE 40/60 (M.K/M.SS) GALL. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION PER DAMATHAS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX A3 OF TPI1-2002 SEC. 3.

BRAINING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SULTABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BEST (BUILDING COMPONENT SAFEIT IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218
MORTH LEE STREE, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300
EMICEPPISE LAME, MADISON, MI 53719) FOR SAFEITY PRACTICES PRIOR TO PERFORM HG THESE FUNCTIONS. UMLESS
OTHERWISE HOUGHALDE DOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING. DESIGNER PER ANSI/TPI 1 **1-8-0**  $2X4(A1) \equiv$ Design Crit: -866 U-60 W-3.5™ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ ഗ 12-4-0 Over 2 Supports 1.5X4 Ⅲ /10(0)3×4 ≢ 110 mph wind, 21.93 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. .36 May 15 '07 6.59687 R-686 U-100 W-1.5"++ 1.5X4 III 3×4≡ BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-24.0" 1.25 55.0 10.0 PSF 15.0 PSF 30.0 PSF 0.0 PSF ഗ PSF ယ် JREF -FROM SEQN-DATE REF HC-ENG JB/AF DRW HCUSR8228 07135055 Scale =.375"/Ft. R8228- 1821 1T7D8228Z02 22777 05/15/07

TC = From 93
TC = From 93
TC = From 92
BC = From 20
BC = From 20
BC = From 20
BC = 2622 LB 0
10.90, 12.77 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. End verticals not exposed to wind pressure SPECIAL LOADS Top chord 2x4 SP #2 Dense Bot chord 2x8 SP #1 Dense Webs 2x4 SP #3 :W2, I PLT TYP. Haines City, FL 33844
FL Carificate of Authorization # 567 ALPINE Wave R DUR.FAC.=1.25
92 PLF at -1.78
92 PLF at 4.21
92 PLF at 9.46
92 PLF at -1.78
20 PLF at 0.00
4 PLF at 13.67
B Conc. Load at **1-8-0**→ Dense :W2, W6 1.78 t 0.00 13.67 5 X 5 Ⅲ 7×8/ \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN TO THE TO BUILD THE TRUSS IN COMPORNAMER WITH PI: OR FABRICATING, HANDLUNG, SHAPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF DIDS (MATIONAL DESIGN SEC. BY ATBRA) AND TPI.

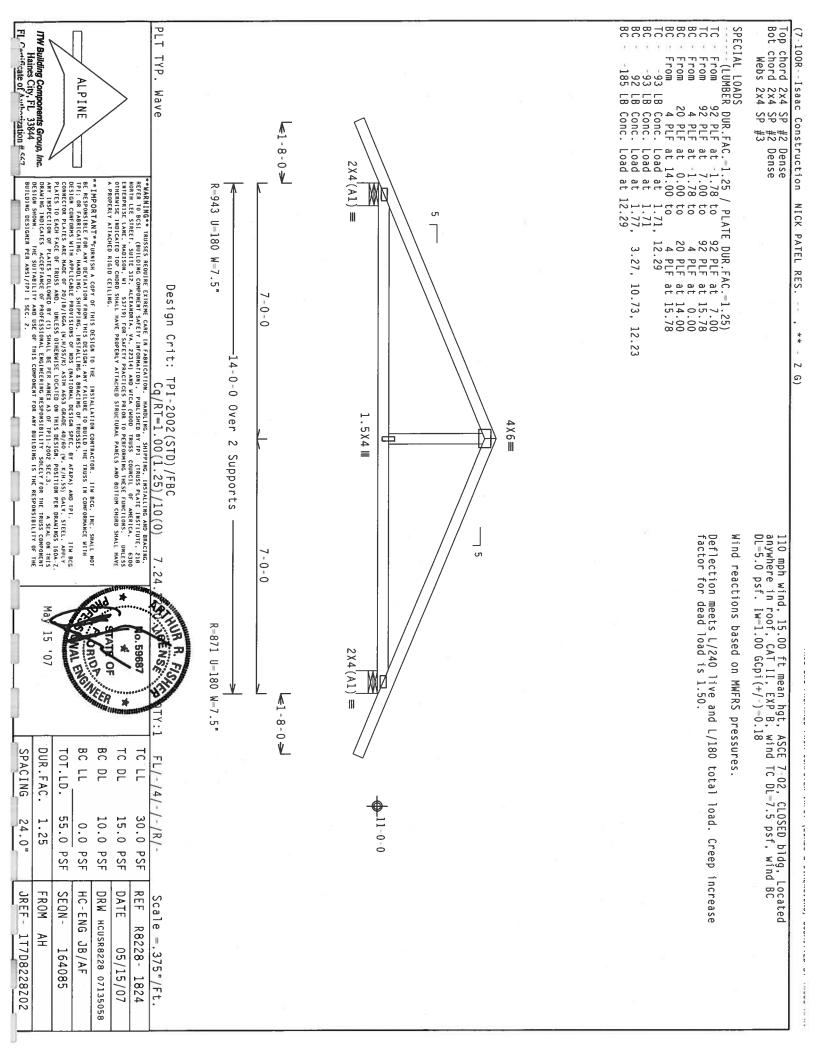
PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (COATED ON THIS DESIGN, POSITION PER DRAWING SIGN. A. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC. B. A SEAL ON THIS DRAWING INDICATES ACCUMPONEY OF THE SECONDOL OF THE SECO \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONEM' SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PROBE SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE ! R=10054 U=1256 W=5 2x4 SP 0.90, to to 0 to PLATE TE DUR.FAC.=1.25)
92 PLF at 4.21
92 PLF at 9.46
92 PLF at 15.45
4 PLF at 0.00
20 PLF at 13.67
4 PLF at 13.67
4 PLF at 15.45
6, 2.90, 4.90, 6 #2 Dense 4-2-8 Design Crit: ₹2 5X8≡ 8X12= 6.90, 13-8-0 8.90 TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 0ver 3-0 2 Supports /10(0)5X8₩ 8X12= Nailing Schedule: (12d\_Common\_(0.148"x3.25",\_min.)\_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting. M i nd In lieu of structural panels use purlins to brace all flat TC 24″ OC. 110 mph wind, 23.24 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 COMPLETE reactions based on MWFRS pressures 4-2-8 R=10174 U=1271 W=5.5" CENSE. 6.59687 TRUSSES 7×8/ 5 X 5 III **1**-8-0 **≥** REQUIRED BC DL TC DL דכ רר DUR.FAC. TOT.LD. FL/-/4/-55.0 15.0 PSF 30.0 PSF 10.0 PSF 1.25 0.0 PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07135057 Scale = .375"/Ft. R8228-JB/AF 163977 05/15/07 1823

SPACING

24.0"

JREF -

1T7D8228Z02



Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #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  $1.50\,.$ Wind reactions based on MWFRS pressures PLT TYP. Haines City, FL 33844
FL Conficate of Authorization # 567 (7-100R-Isaac Construction ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING. ALPINE Wave **1-8-0-**√ \*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM FIRS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FABRICATING, HANDLUG, SHPPING, INSTALLING & BRACHING OF TRUSSES.

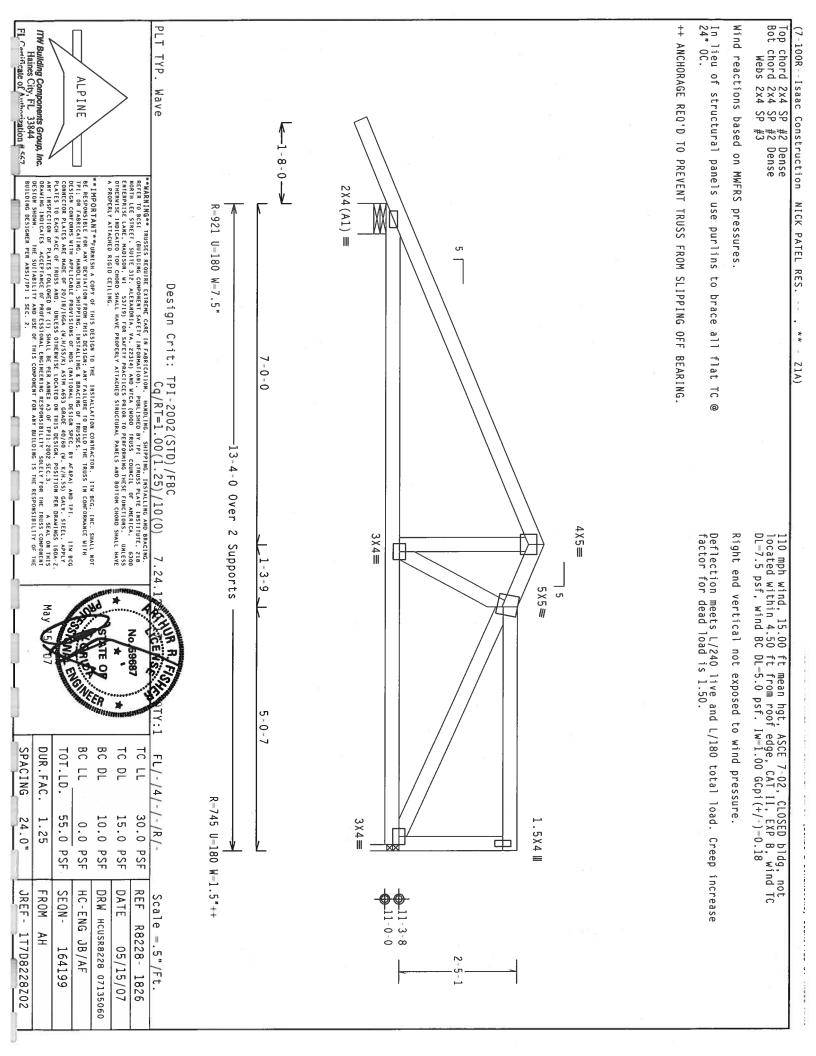
DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATRA) AND TPI.

DESIGN CONFORMS ARE MADE OF 20/18/16GA (M.M/SS/K) ASIM A653 GRADE 40/60 (M.K/M.SS) GALV. STEEL APPLY
PLAIES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2003 ECC.3.

BRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL FROM HERE AND RESPONSIBILITY FOR THE TRUSS COMPONENT

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*\*MARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLINE, SHIPPINE, INSTALLING AND BRACING, REFER TO BECS! (GUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219 MORIH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZZ314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERTERPAISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PERFORM SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACCEPTA
DESIGN SHOWN. THE SUITA
BUILDING DESIGNER PER ANSI 2X4(A1) =NICK PATEL RES. R-921 U-180 W-7.5\* 5 Design Crit: 7-0-0 TPI-2002(STD)/FBC Cq/RT=1.00(1.25) 13-4-0 Over 2 Supports /10(0)4 X 5 ≡ 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-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18 3 X 4≡ In lieu of structural panels use purlins to brace all flat TC 24" OC. 3-3-9 CENSE 6.59687 TATE OF 5X5# \* BC DL BC LL TC LL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-3-0-7 R-745 U-180 W-1.5"++ 55.0 15.0 PSF 30.0 PSF 24.0" 10.0 PSF 1.25 3 X 4 ≡ 1.5X4 **Ⅲ** 0.0 PSF 由 PSF FROM DATE REF JREF -SEQN-HC-ENG DRW HCUSR8228 07135059 Scale =.5"/Ft. 11 - 3 - 811-0-0 R8228- 1825 1T7D8228Z02 JB/AF 05/15/07 164194



Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures. Haines City, FL 33844
FL Chair ale of Authoritation # 547 PLT TYP. ++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0\mbox{\ensuremath{^{\circ}}}\ .$ (7 100R Isaac Construction ALPINE Wave 1-8-0-V \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, YET FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FABRICATHO. HANDLING, SHEPPING, INSTALLING A BRACHING OF TRUSSES, BOSION CONFORMS, WITH APPLICABLE PROVISIONS OF ANDS. (MATIONAL DESIGN SECG. W. 468A) AND TPI. 111 BGG COMMECTOR PLATES ARE HADE OF 20/18/166A (M. H/SS/K) ASTM A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUBJECT OF THE SUBJECT \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONERY SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 MORTH LEE STREE, SUITE 312, ALCEANDRIA, VA, 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRESS LAME, MADISON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PERFORM SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 3X4(A1) =NICK PATEL RES. R=921 U=180 W=7.5 Design Crit: Z1B) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7 - 8 - 7 1.5X4∥ 13-4-0 Over 2 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 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. Supports 3×4≡ 4X8≡ AUR R. CEMS 6.59687 HOP וודה מום ושבינשבר ישמו המום מודם דוו מו (בהשבה פ מזורוויסדהווי) מממוזויבה מי וומקק ווויי \* BC LL BC DL SPACING DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-R=745 U=180 W=1.5\*++ 55.0 30.0 24.0" 1.25 10.0 PSF 15.0 PSF 3×4≡ 0.0 1.5X4 Ⅲ ф PSF PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR8228 07135061 Scale =.5"/Ft. 1-3-8 1-0-0 R8228-17708228202 JB/AF 05/15/07 164206 1827

PLT TYP. Bot Bot ++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING Wind reactions based on MWFRS pressures. ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ ^{"}}$  OC. (7 100R chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Isaac Construction Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT N BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH PI: OR FARRICATING, HANDLING, SHAPPING, INSTALLING & BRACHING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFRAY, AND PI.

DESIGN CONFORMS AND OF 20/189/160A. (N. M. SSEY), ASTM ASS JERAGE 40/50 (M. K.M. SSE) ALL SIEEL. 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 (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 219
NORTH LEE STREET, SUITE 137, ALEXANDRIA, NA, 22314) AND UTAC (MODO TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERNISE INDICATED TOP DHOND SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE
A PROPERLY ATTACHED RIGID CEILING. BUILDING DESIGNER PER ANSI/TPI 1 NICK PATEL RES. **★**1-8-0**★** 3X4(A1) =R=921 U=180 W=7.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 22) 9-8-7 13-4-0 Over 2 Supports 1.5X4₩ Right end vertical not exposed to wind pressure. 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=7.5 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. 3 X 4≡ 5×6≡ lo. 59687 AN OF ייים כיים יייביייים יייכיי ככיי כיים זיים ובכיים מיוובויסוכים ביוובויסוכים לו ואספס ארא. 3-7-9 R=745 U=180 W=1.5"++ 3 \ 4 == 1.5X4 III BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-55.0 30.0 1.25 15.0 PSF 0.0 10.0 PSF PSF PSF PSF DATE FROM SEQN-REF HC-ENG DRW HCUSR8228 07135062 Scale = .375"/Ft. R8228- 1828 JB/AF 05/15/07 164211

SPACING

24.0"

JREF-

1T7D8228Z02

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

Wind reactions based on MWFRS pressures

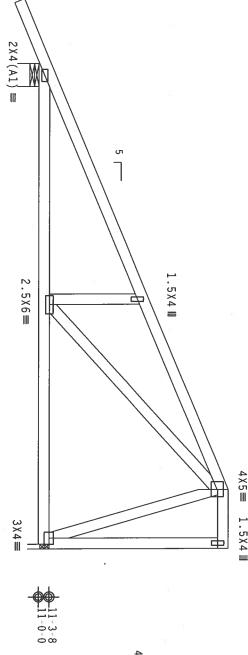
In lieu of structural panels use purlins to brace all flat TC @  $24\ensuremath{\text{"}}\xspace$  0C.

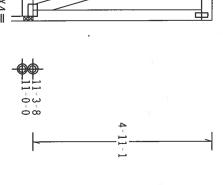
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

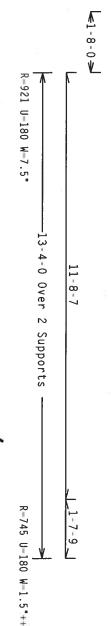
Right end vertical not exposed to wind pressure.

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

ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING







FL Certificate of Authorization # 567 ITW Building Components Group, Inc. Haines City, FL 33844 ALPINE

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI.

REFER TO BCSI.

MORTH LEE STREE, SUITE 312, ALEXANDRIA, VA, Z2314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300

ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE LIDUCLATED TOP CORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING. Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/

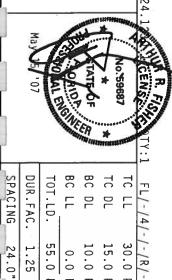
\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, THE FALLURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI; OR FARRICATING, HANDLURG, SHPPING, INSTALLING A BRAILING OF TRUSSES.

DESIGN CONFORMS, WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SECE, 3\* ATERA) AND TPI.

DESIGN CONFORMS, WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SECE, 3\* ATERA) AND TPI.

COMMECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/K) ASIM A653 GRADE 40/60 (M. K/M.SS) GALL. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER GRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPII: 200 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL REGIMERING RESPONSIBILITY OR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE



	TOT.LD.	BC LL	BC DL	TC DL	TC LL	Y:1 FL/-/4/-/-/R/-
יי	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF	/-/R/-
EBOM AH	SEQN- 164271	HC-ENG JB/AF	DRW HCUSR8228 07135063	DATE 05/15/07	REF R8228- 1829	Scale = .375"/Ft.

24.0"

JREF - 1T7D8228Z02

PLT TYP. ++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING. Wind reactions based on MWFRS pressures Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (A) Continuous lateral bracing equally spaced on member (7-100R--Isaac Construction ALPINE Wave zation " 577 \*\*\* IMPORTANT\*\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. THE FALLURE TO BUILD THE TRUSS IN CORPORMANCE WITH FPI: OR FABRICATING, HANDLUNG, SHEPPIC, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC. BY ATRA) AND TPI.

DESIGN CONFORMS AND THE PROVISIONS OF NOS (MATIONAL DESIGN SEC. BY ATRA) AND TPI.

PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERNISE (COLTED ON THIS DESIGN, POSITION PER DRAWHEGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OT TPII-2002 SEC. 3.

BRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF TRUSS STORM SHOWN.

THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP) (TRUSS PLATE INSTITUTE, ZIB
NORTH LEE STREET, SUITE ISZ. ALEXANDRIA, VA, AZSZIA) AND VITACA (MODO TRUSS COUNCIL OF AMERICA. 6300
ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERNISE INDICATED TOP CHORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE
A PROPERLY ATTACHED RIGID CEILING. DRAWING INDICATES ACCEPTANCE OF DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 NICK PATEL RES. **★**1-8-0→  $2X4(A1) \equiv$ R=921 U=180 W=7.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ ഗ 13-4-0 Over 2 Supports 1.5X4 III /10(0) Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 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. 3×4 € lo. 59687  $\Xi$ R-745 U-180 W-1.5\*++ 3×4≡ 1.5X4 ■ BC DL TC DL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-55.0 24.0" 10.0 PSF 15.0 PSF 30.0 PSF 0.0 PSF PSF REF JREF -SEQN-DATE FROM HC-ENG DRW HCUSR8228 07135064 Scale =.375"/Ft. R8228- 1830 1T7D8228Z02 JB/AF 05/15/07 164277

Truss spaced at 24.0  $^{\circ}$  OC designed to support 1-8-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched. Bot Note: All Plates Are 1.5X4 Except As Shown. 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. TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 (7 100R chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Webs 2x4 SP #3 ALPINE Isaac Construction \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR AWY DEVIATION FROM THIS DESIGN. ANY FAILURE FOR BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARRICATING, HANDLIGN. SHIPPIG, INSTALLING & BRACING OF TRUSSES; AND AND TPI INTERCORD PROPERTY OF THE PROPERTY OF THIS DESIGN FOR PROPERTY OF THE PROPERTY OF THIS DESIGN FOR THE SUBJECT OF THE PROPERTY O \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPORENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOUGHAND FOR THE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE NICK PATEL RES. **1** - 8 - 0 **≥ 1** 0 - 7 - 13 1 - 4 - 3 R=197 PLF U=25 PLF W=13-4-0 3 X 4 ≡ 3×4≡ Design Crit: 3×4 ≤ ZGE) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ 13-4-0 Over Continuous Support /10(0)110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. See DWGS All015EE0207 & GBLLETIN0207 for more requirements 11-2-4 5 CENSE ATE OF £59687 BC LL BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-1.25 55.0 10.0 PSF 15.0 PSF 30.0 PSF 0.0 PSF PSF FROM SEQN-DATE REF HC-ENG DRW HCUSR8228 07135065 Scale =.375"/Ft. R8228-JB/AF 164227 05/15/07 1831

SPACING

24.0"

JREF-

1T7D8228Z02

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

Wind reactions based on MWFRS pressures.

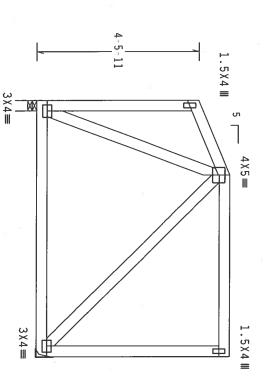
In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C.

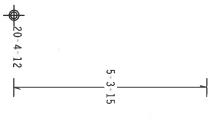
ര

110 mph wind, 25.30 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure

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





=394 U=180 W=3.5" 2-0-8 -7-0-0 Over Supports R=394 U=180

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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 315, ALEXANDRIA, VA. 22314) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERDER, SUITE 315, ALEXANDRIA, VA. 2314) AND NICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERNERS LANE, MONISON, NI 33719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP COMPOND SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

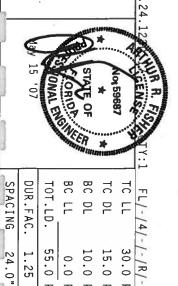
\*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FRONT HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FABRICATING. HANDLING, SHPPING, HISTALLING & BRACHEN OF TRUSSES.

DESIGN COMPORES HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. THE GC CONNECTOR PLATES ARE MADE OF 20/18/1666 (M.H/955/K) ASIM A653 GRADE 40/60 (M.K/M.55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNCLSS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAWHENS 160A-Z. ANY THIS PECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGUREERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGUREERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF THE SESSIONAL ENGUREERING RESPONSIBILITY OF THE DESIGN SHOWN. THE SHITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE



Haines City, FL 33844
FL Casificate of Authorization # 567

ALPINE



0			-01	in the	Principle Princi	HINDS
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF- 1T7D8228Z02	FROM AH	SEQN- 163757	HC-ENG JB/AF	DRW HCUSR8228 07135013	DATE 05/15/07	REF R8228- 1835

Scale =.375"/Ft

(7-100R - Isaac Construction NICK PATEL RES. FT6)

הידה השה ושרושברה ושהו ההוש הודש דשומו לרהשהם מ מזורשפזרשפל פתחודוובה הו ושמפק וושי

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

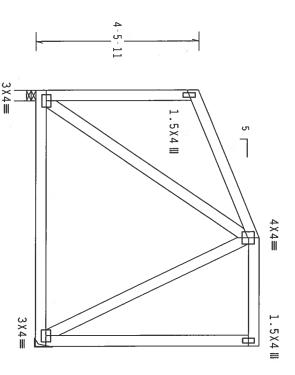
Wind reactions based on MWFRS pressures.

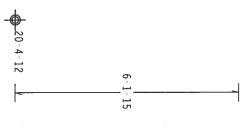
In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\xspace$  0C.

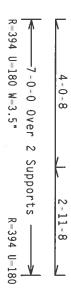
110 mph wind, 25.71 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18

End verticals not exposed to wind pressure

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







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

PLT TYP.

Wave

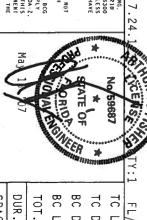
\*\*WARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, Z18 NORTH LEE STREET, SUITE 317, ALEXANDRIA, VA, Z2314) AND NICA (MODIO TRUSS COUNCIL OF AMERICA, 6300 ENTREPRESTS LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLDCARED OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 1TH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE (TO BUILD THE TRUSS IN COMPROMANCE WITH FOIL OR FAREACTING, HANDLING, SHIPPING, INSTALLING & BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF RIOS (MATIONAL DESIGN SPEC. BY ATERA) AND IFI. 11M BCG COMMECTOR PLATES ARE ALGO OF 20/18/19/GACA (M.H/SSY), ASTH AGES GANGE 40/56 (M. X/H.SS) AGLY. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BOANINGS 160A-2. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF PDIT-2002 SEC.3. A SEAL ON THIS BRAING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITIBILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERICA 2.

TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567

ALPINE



<b>1</b>	FL/-/4/-/-/R/-	·/-/R/-	Scale =.375"/Ft.
	TC LL	30.0 PSF	REF R8228- 1836
****** *******************************	TC DL	15.0 PSF	DATE 05/15/07
EER	BC DL	10.0 PSF	DRW HCUSR8228 0713501
AN A	BC LL	0.0 PSF	HC-ENG JB/AF
	TOT.LD.	55.0 PSF	SEQN- 163762
0	DUR.FAC.	1.25	FROM AH
	SPACING	24.0"	202822807TL - 338C

35014

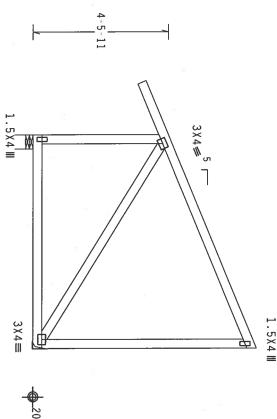
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings. Wind reactions based on MWFRS pressures Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. In lieu of structural panels use purlins to brace all flat TC @  $24\ ^\circ$  OC. Haines City, FL 33844
FL Care of A .... zation " << (7-100R--Isaac Construction ALPINE Wave \*\*\*MARNING\*\* TRUSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO SET (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 218 MORTH LEE SIRRET, SUITE 312, ALEXANDRIA, NA, 22314) AND WITCA (MODO TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DULESS OTHERWISE HOLGLATED TOP CHORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGHT CHORD SMALL HAVE DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TP1 1 NICK PATEL RES. K1-8-0 3X4 / 1.5X4 III R-574 U-180 W-3.5" ₹—7-0-0 Over 2 Supports -<sub>د</sub> Design Crit: 8-0-8 FT5) TPI-2002(STD)/FBC Cq/RT=1.00(1.25) R-375 U-180 3 X 4 **≡** 4 X 4≡ 0-11-8 1.5X4 III 1.5X4 III /10(0)110 mph wind, 25.78 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-7.5 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  $1.50\,.$ ), 5968 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-55.0 1.25 15.0 PSF 30.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF FROM DATE REF SEQN-JREF -HC-ENG DRW HCUSR8228 07135067 Scale =.3125"/Ft. R8228- 1837 1T7D8228Z02 JB/AF 05/15/07 163767

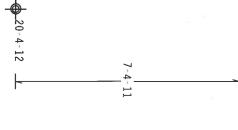
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-100R--Isaac Construction NICK PATEL RES. FT4) 110 mph wind, 25.96 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Wind reactions based on MWFRS pressures

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





**K**1-8-0 **V** R=581 U-180 W-5.5" <--7-0-0 Over 2 Supports --> R=373 U=180

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

PLT TYP.

Wave

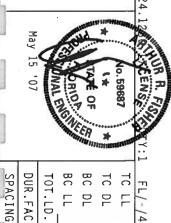
\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFETY ROPANTION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREE, SUITE 312. ALEXANDRIA, VA. 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERGENERY AND SOME SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE HONGLAND FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE HONGLAND FOR SAFETY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

\*\*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 COMPORMANCE WITH TPI; OR FABRICATING, HANDLING, SUMPPING, INSTALLING & BRACHING OF TRUSSES, DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF ROS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITH BCG COMMECTOR PLATES ARE HANGE OF 20/18/16/36 (M.H/SSS/M.) ASTM A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPIL 2002 SEC. 3. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL REGIONEERS AND FIRST SOURLY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567

BUILDING DESIGNER PER

ALPINE



I							550 150	E
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL	FL/-/4/
	24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF	-/-/R/-
	JREF- 1T7D8228Z02	FROM AH	SEQN- 163772	HC-ENG JB/AF	DRW HCUSR8228 0713501	DATE 05/15/07	REF R8228- 1838	Scale =.3125"/Ft.

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT TYP. Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings. In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\ensuremath{^{\circ}}}\ 0C.$ Wind reactions based on MWFRS pressures. TW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 (7 100R Isaac Construction ALPINE Wave 4-5-11 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FARRICATION, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES, DESIGN COMPORATS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ATEXA) AND TPI. ITH BCG COMPORATS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ATEXA) AND TPI. 100 COMPORATION OF THE PARTES TO EACH FACE OF TRUSS AND. UNICES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-Z. ANY INSPECTION OF BLATES FOLLOWED BY (1) SHALL BE PER AHMER, AS OF TPI1-2002 SEC. 3. SEAL ON THIS DESIGN AND ANY INSPECTION OF BLATES FOLLOWED BY (1) SHALL BE PER AHMER, AS OF TPI1-2002 TRUSS. AS SEAL ON THIS DESIGN SHALL SHALL BY PER AHMER, AS OF TPI1-2002 TRUSS. AS SEAL ON THIS DESIGN SHALL SHALL BY PER AHMER, AS OF TPI1-2002 TRUSS. \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING.

REFER TO BESS! (BUILDING CUMPONENT SAFETY INFORMATION). PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 218

NORTH LEE STREET, SUITE 312. ALEXANDRIA, NA, 25231) AND MICHA (MODO TRUSS COUNCIL OF AMERICA. 6300

ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DUECES

OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED RIGID CEILING. NICK PATEL RES. **1**-8-0 **V** 3×4**≤** 5 1.5X4 III SUITABILITY AND USE OF THIS COMPONENT ANSI/TP1 1 SEC. 2. R=581 U=180 W=5.5" ← 7-0-0 Over 2 Supports — Design Crit: 6-0-0 FT3) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ ര R=373 U=180 3 X 4 ≡ 4×4≡ 1-0-0 1.5X4 III 1.5X4 Ⅲ /10(0)20-4-12 110 mph wind, 25.75 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 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. 6 - 11 - 11tice No. . 59687 BC DL BC LL TC DL TC LL SPACING DUR FAC. TOT.LD. FL/-/4/-/-/R/-24.0" 1.25 55.0 30.0 PSF 10.0 PSF 15.0 PSF 0.0 PSF PSF DATE REF JREF -FROM SEQN-HC-ENG JB/AF DRW HCUSR8228 07135016 Scale =.3125"/Ft. R8228- 1839 1T7D8228Z02 05/15/07 163777

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

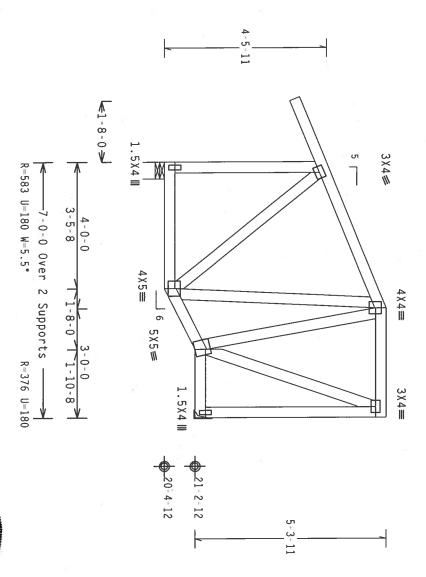
Wind reactions based on MWFRS pressures

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

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

110 mph wind, 25.33 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



\*\*\*MARNING\*\* TRUSSES BEQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, HSTAILING AND BRACING, REFER TO BCS] (BUILDING COMPONENT SAFEIY INFORMATION), PUBLISHED BY THI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND NTCA (MOOD TRUSS COUNCIL OF AMERICA, 6300 EXTERPENSE LINE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOLDSCAFED TO PROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FRONT HIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP!: OR FABBLICATING, HANDLING, SHEPPING, HISTALLING A BRACING OF TRUSSES.

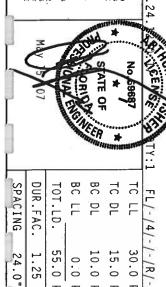
BESIGN CONFORMS HITH APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN SPEC, BY AREA), AND TP!. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16/366 (M.H/SS/K) ASTH A653 GRADE 40/60 (M. K/M:SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (COATED ON THIS DESIGN, POSITION PER DRAWINGS 166A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1:2002 SEC. 3. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1:2002 SEC. 3. DRAWING INDICATES



ITW Building Components Group, Inc. Haines City, FL 33844 FL Carificate of Authorization # 567

DESIGN SHOWN. THE BUILDING DESIGNER PER

ALPINE



55.0

24.0" 1.25

JREF -FROM SEQN-

1T7D8228Z02

15.0 PSF

DATE REF

05/15/07

30.0 PSF

Scale =.375"/Ft. R8228- 1840

10.0 PSF

DRW HCUSR8228 07135017

0.0 PSF PSF

HC-ENG JB/AF

163782

110 mph wind, 24.92 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)-0.18

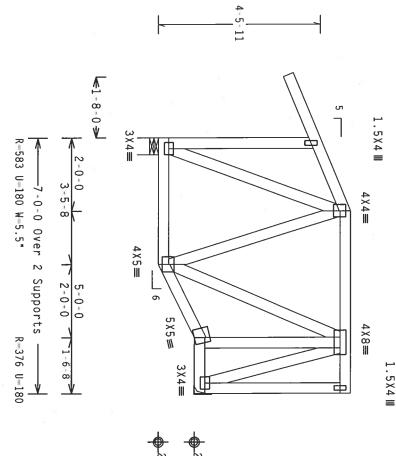
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3

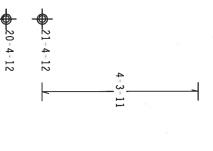
Wind reactions based on MWFRS pressures

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

**®** 

In lieu of structural panels use purlins to brace all flat TC  $24\mbox{\,{}^{"}}$  OC. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\cdot$ 





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

PLT TYP.

Wave

\*\*HARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 317, ALEXANDRIA, VA. 22314) AND WICA (400D TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDIVATED TO FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORAMEE WITH PI: OR FABRICATING, ANDLUKG, SHEPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF INDS (MATIONAL DESIGN SPEC, BY AERA) AND TPI. DESIGN. DOESIGN. BOTH FOR PARTIES ARE MADE OF 20/18/16/6A. (W.H.5SY), ASTH AGES GAKE 40/560 (W. K./H.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER BRAWINGS 160A-Z. ANY INSPECTION OF PLATES TO LOCADED BY (1) SHALL BE FER ANNEX A DOE TPI) 2002 SEC. 3. A SEAL ON THIS DESIGN. SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI 1 SEC. 3.

Haines City, FL 33844
FI Configure of Authorization # 567

ALPINE



JREF-FROM SEQN-

1T7D8228Z02

No. 59687	FL/-/4/-/-/R/ TC LL 30.0 TC DL 15.0 RC DI 10.0	/-/R/- 30.0 PSF 15.0 PSF
?	TC DL	15.0 P
Shapede Emm	BC DL	10.0 PSF
THIO SALE	BC LL	0.0 PSF
CHANGE STATE	TOT.LD.	55.0 PSF
May 15 '07	DUR.FAC.	1.25
	SPACING	24.0"

DATE REF

05/15/07

Scale = .375"/Ft. R8228- 1841

HC-ENG JB/AF

164161

DRW HCUSR8228 07135018

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 In lieu of structural panels use purlins to  $24\mbox{\,{}^{\tiny \bf m}}$  OC. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Haines City, FL 33844
FL Carificate of Authorization # 567 PLT (7 100R Isaac Construction TYP. ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH PI: OR FARRICATING. HANDLUGK, SHIPPING, INSTALLING A BRACIEW OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DOS. (MATIONAL DESIGN SPEC. BY AFRAYA AND IPI. ITW BCG CONNECTOR PAIRES ARE HADE OF 20/18/16/66. (M. H/55/N). ASTA MASS JERABE 40/60 (M. K/M.55) GALL. STEEL. APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DIAMINGS 160A-Z. ANY INSPECTION OF PLAIES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF IPI1-2002 SEC. 3. A SEAL ON THIS DRAIMING INSIGNATES ACCOMPONENT TO THE SULTAY FOR THE TRUSS COMPONENT. \*\*MARNING\*\* TRUSSES BEQUIRE EXTREME CARE IN FARRIGATION. HANDING. SHIPPING, INSTALLING AND BRACING. REFER TO BESSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ERREFERSH LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOLDSCARED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DRAWING INDICATES ACC DESIGN SHOWN. THE ! BUILDING DESIGNER PER NICK PATEL RES 1-8-0-V 5 Design Crit:  $2X4(A1) \equiv$ brace all flat R = 673U=180 W=7.5" &-&-& TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7-4-0 4×4≡ 3×4≡ Over 2 Supports 1.5X4 III 4×6≡ Ф Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS 2-8-(LUMBER 109 -28 12 S R DUR.FAC.=1.25 / 92 PLF at -1.78 92 PLF at 2.71 92 PLF at 4.63 4 PLF at -1.7 20 PLF at 0.0 4 PLF at 7. 19 LB Conc. Load a 28 LB Conc. Load a 12 LB Conc. Load =673 U=180 W=7.5 BILL ά ហ May 2X4(A1) = CENSE  $\mathbb{M}$ Vo. 59687 K-1-8-0-V 9 7.33 1.78 to to 2.77, 2.71, 2.71, PLATE 92 PLF at 92 PLF at 92 PLF at 20 PLF at 20 PLF at 4.56 BC DL BC LL TC DL DUR.FAC. בכ רר SPACING TOT.LD. FL/-/4/-/-/R/-.=1.25) t 2.71 2.63 9.11 0.00 7.33 9.11 55.0 1.25 10.0 PSF 15.0 PSF 30.0 PSF 24.0" 0.0 PSF PSF FROM JREF -DATE REF SEQN-HC-ENG DRW HCUSR8228 07135019 Scale =.5"/Ft. R8228-1T7D8228Z02 JB/AF 164023 05/15/07 1842

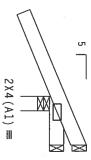
(7-100R--Isaac Construction NICK PATEL RES.

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

Wind reactions based on MWFRS pressures.

110 mph wind, 19.57 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 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.



R=-110 U=180

R--40 U-180

19-4-12 19-10-5

0 - 9 - 1

1-8-0-V 1-0-0 Over 3 Supports

R-429 U-180 W-3.5"

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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (FRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLDCARED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT NOT BECK. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATING, HANGLUNG, SHAPPING, INSTALLING A BRAILING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI.

DESIGN CONFORMS ARE HADE OF 20/18/166A (M.H/SS/M.) ASIM A653 GRADE 40/60 (M.K/M.SS) GALL. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DAMANGS 150A-Z.

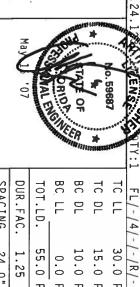
ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC. 3.

AS EACH OF THE SHAPPLY OF THE SHITMBLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN.

THE SHITMBLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DRAWING INDICATES AC DESIGN SHOWN. THE BUILDING DESIGNER PER

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Carrificate of Authorization # 567

ALPINE



BC DL BC LL TC DL SPACING DUR.FAC. TOT.LD. 55.0 PSF 15.0 PSF 24.0" 1.25 10.0 PSF 30.0 PSF 0.0 PSF FROM DATE REF SEQN-JREF-HC-ENG JB/AF DRW HCUSR8228 07135020 R8228- 1843 1T7D8228Z02 05/15/07 163550

Scale =.5"/Ft.

Wind reactions based on MWFRS pressures. TW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 547 PLT TYP. Top chord 2x4 SP Bot chord 2x4 SP (7-100R--Isaac Construction ALPINE Wave #2 Dense #2 Dense \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. THE FALUES TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FARRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN CONFEDENS WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SECC. BY AREA), AND TPI. ITM BCG COMMEDITED ARE HADE OF 20/18/166A (M.H/SS/K) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHMCS JOAA-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF PDI1-2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. \*\*#ARNING\*\* RUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS! (RUSS PLATE INSTALLING AND BRACING. REFER TO BESS! (RUSS PLATE INSTITUTE, 210 MORTH LEE SIREE, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER NICK PATEL RES. **1-8-0-**√  $2X4(A1) \equiv$ Design Crit: R-403 U=180 W-3.5\* 3-0-0 Over 3 Supports ХХ Ş ×6 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/ R-83 U-180 R-18 U-180 /10(0)110 mph wind, 19.99 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 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. **⊕** 19 - 4 - 12 20-8-5 CEMS TATE OF 6.59687 BC DL DUR.FAC. BC LL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-55.0 24.0" 1.25 10.0 PSF 15.0 PSF 30.0 PSF 0.0 PSF PSF JREF -DATE REF FROM SEQN-HC-ENG DRW HCUSR8228 07135021 Scale =.5"/Ft. R8228-1T7D8228Z02 JB/AF 05/15/07 163555 1844

(7-100R--Isaac Construction NICK PATEL RES.

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

Wind reactions based on MWFRS pressures.

110 mph wind, 22.57 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-7.5 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  $1.50\,.$ 

ഗ

R--110 U-180

R--40 U-180

22-10-5 22-4-12

0-9-1

2X4(A1) =

**1.8.0 √** 1-0-0 Over 3 Supports R-429 U-180 W-5.5"

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

TYP.

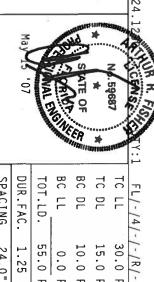
Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (MODO) TRUSS COUNCIL OF AMERICA, 6300 ENTREPRESS LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PROBOD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIALION FROM THIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN COMPORNANCE WITH PPI: OR FARELGALING. ANDLING. SHIPPING. INSTALLING & BRACH OR OF TRUSSES.

DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGNS SPEC. BY AFAPA) AND TPI. THIS DESIGN COMPORNS OF POLICE OF PROVISIONS OF HIDS (MATIONAL DESIGNS SPEC. BY AFAPA) AND TPI. THIS DESIGN CONTROL ARE AND CONTROL OF POLICE OF TRUSS AND. DIMESS OTHERWISE COCATED ON HIS DESIGN. POSITION PER DRAWHINGS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PPI-2002 SEC. J. AS ALON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI I SEC. Z.

ALPINE



l				CINE	ER	» mus
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
	24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF
	JREF- 1T7D8228Z02	FROM AH	SEQN- 163623	HC-ENG JB/AF	DRW HCUSR8228 0713502	DATE 05/15/07

30.0 PSF

REF

1845

07135022

Scale =.5"/Ft. R8228-

SPACING

24.0"

JREF-

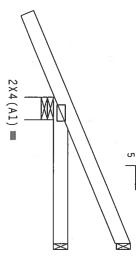
1T7D8228Z02

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

Wind reactions based on MWFRS pressures.

110 mph wind, 22.99 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 7-02, CLOSED bldg, Located TC DL=7.5 psf, wind BC

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



R=18 U=180

22 4 12

R-83 U-180

23-8-5

**1-8-0-**R-403 U-180 W-5.5" 3-0-0 Over 3 Supports

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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO SECTION (BULLETING COMPONENT SAFETY IMPORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREE, SUITE 317, ALEXANDRIA, VA, ZZ314) AND HTCA (MODED TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

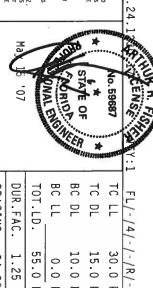
\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BEG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM: HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH PPI; ON FAREICATING, ANDULIGE. SHEPPING, INSTALLING & BRACHING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS SKALING OF TRUSSES. BY AFEAD, AND TPI. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HIS SKALING OF TRUSS ON FAIL OF THE PROVISION OF HIS DESIGN SPEC. BY AFEAD, AND TPI. IT IN BGG CONFECTOR PAIRES ARE MADE OF 20/18/16/CA (M.H.SSK), ASIM ASS.) GRADE 40/60 (M. K.H.SS) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAMHINGS 160A-Z. ANY HISSECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPI1-2002 SEC. 3. A SEAL ON THIS DESIGN SHOWN.

THE SUITABLE OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLE OF PROFESSIONAL ENGLINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLE OF PROFESSIONAL ENGLINEERING RESPONSIBILITY OF THE BUSS COMPONENT DESIGN SHOWN.

ALPINE



						177.23
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 LL
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF- 1T7D8228Z02	FROM AH	SEQN- 163628	HC-ENG JB/AF	DRW HCUSR8228 0713502	DATE 05/15/07	REF R8228- 1847

07135024 /07 Scale =.5"/Ft.

PLT TYP. Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP TW Building Components Group, Inc. Haines City, FL 33844 FI Carte of Catter Zation # 667 (7-100R--Isaac Construction ALPINE Wave #2 Dense #2 Dense 0-6-3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI: ON FAREICATHOC, HANDLIGG. SUPPPING, INSTALLING & BRACHING OF TRUSSES. BY AFAPA) AND TPI. DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW BCC. CONNECTION PLATES ARE HADE OF 70/19/19/GAC NY, HAYSON, AND THIS DESIGN SPEC, BY AFAPA) AND TPI. PLATES TO EACH FACE OF TRUSS, AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN PROSITION PER DRAHINGS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX 3 OF TPI1-2002 SEC. 3. AS SEAL ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IM FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (IRBUS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 2127, ALEXANDRIA, NA, 22214) AND YICA (MOOD TRUSS COUNCIL OF AMERICA. 6300 (ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP HORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILING. NICK PATEL RES. **1-8-0** ഗ 1-0-0 Over 3 Supports 3X4(B1) =Design Crit: R-411 U-180 W-5.5" W TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) R---18 U-180 R=-114 U=180 110 mph wind, 20.75 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-7.5 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. JE YSE No. 69687 IE OF BC LL BC DL TC DL DUR.FAC. דכ רר TOT.LD. FL/-/4/-/-/R/-1.25 30.0 PSF 55.0 PSF 10.0 PSF 15.0 PSF 0.0 PSF DATE REF SEQN-HC-ENG JB/AF DRW HCUSR8228 07135025 Scale =.5"/Ft. R8228- 1848 05/15/07 163647

SPACING

24.0"

JREF -

1T7D8228Z02

IN LIEU OF SINGLE SCAB (A) THE BOTTOM CHORD NAIL BEARING MAY BE REPLACED WITH A HANGER AS THE REACTION EXCEEDS 450# Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 PLT 110 mph wind, 21.99 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf.  $\Xi$ Haines City, FL 33844
FL Carifficate of Authorization # 667 (7-100R--Isaac Construction (1) 2X4X CUT TO FIT SP#2 SCAB; ATTACH TO ONE FACE OF TRUSS LOCATED AS SHOWN WITH (3)10d BOX (0.128"X3.0") NAILS CLUSTERED AT TOP AND BOTTOM CHORD WITHOUT SPLITTING THE LUMBER. TYP. 0-6-0 ALPINE Wave -2-4-5— \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. VAY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATING, HANDLING, SHEPPING, HUSTALLING & BRACTING OF TRUSSES.

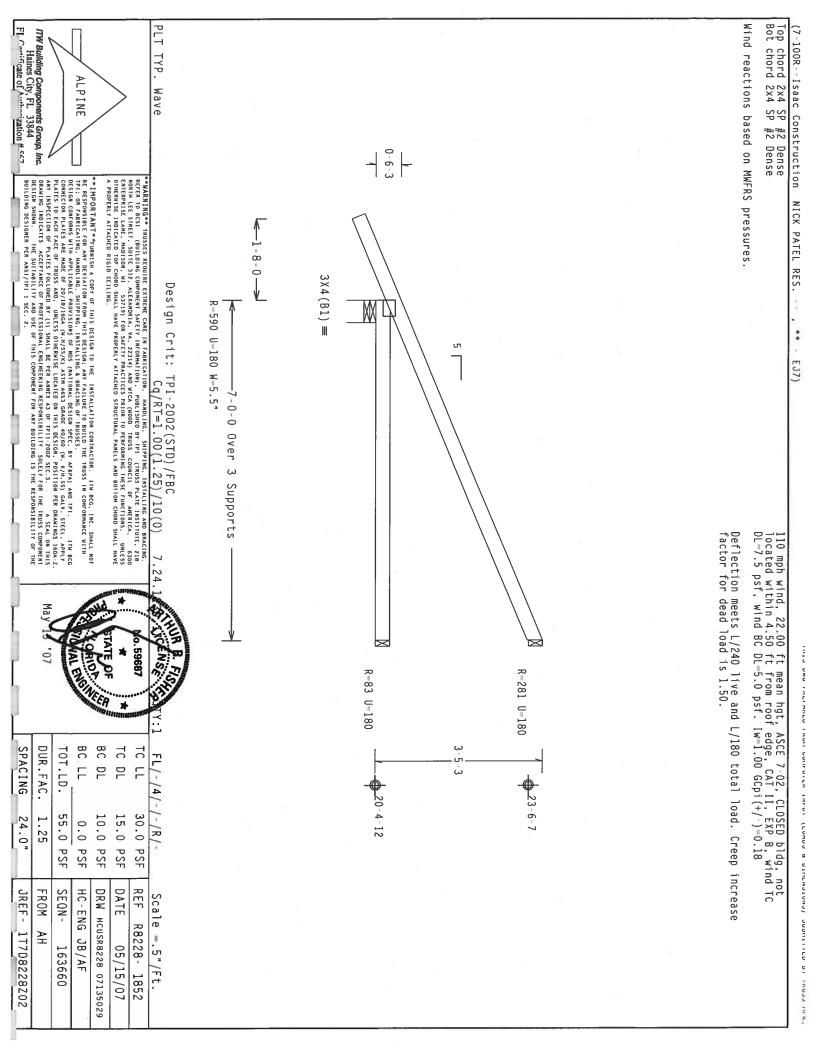
DESIGN COMPORES WITH APPLICABLE PROVISIONS OF NUS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITM BCG COMMECTOR PLATES ARE MADE OF 20/18/166A (M.H/SS/M.) ASTM A653 GRADE 40/60 (M.K/H.SS) GALY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICSS OTHERHISE LOCATED ON THIS DESIGN. POSITION PER DRAWHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL REGURERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*\*MARNING\*\* IRUSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND BRACING. REFER TO GET (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB NORTH LEE STREET, SUITE 312. ALEEANDRIA, WA, ZZ313) AND WITCA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TO PENDED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL END DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. NICK PATEL RES. 3X4(B1) =R=688 U=180 W=7.778" Design Crit: 3.54 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) -9-10-13 Over 3 Supports 3X4≡ at top chord.

Provide (3) 16d common (0.162\*x3.5\*) nails toe nailed at bottom chord.

NOTE: THIS TOENAIL CONNECTION IS BASED ON AN AVERAGE OF TOP AND BOTTOM CHORD REACTIONS. Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\cdot$ Hipjack supports 7-0-0 setback jacks with no webs \*\*\*Provide (3) 16d common (0.162"x3.5") nails toe nailed SNEWS 5.59687 3X4≡  $\mathfrak{S}$ \*\*\* BC LL BC DL TC DL TC LL R=383 U=180 DUR.FAC. R=455 U=180 SPACING TOT.LD. FL/-/4/-/-/R/-55.0 1.25 10.0 PSF 15.0 PSF 30.0 PSF 24.0" 0.0 PSF W PSF Ö 23 6 1 REF JREF-SEQN-DATE FROM HC-ENG DRW HCUSR8228 07135026 Scale =.5"/Ft. R8228- 1849 1T7D8228Z02 JB/AF 99600 05/15/07 REV

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP Haines City, FL 33844
FI Carificate of Amharization # 447 PLT TYP. (7-100R--Isaac Construction ALPINE Wave #2 Dense #2 Dense 0-6-3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORNAME WITH PI: OR FARRICATING. ANDLUKG. SHEPPING. INSTALLING & BRACHING OF TRUSSES. DESIGN. COMPORNS WITH APPLICABLE PROVISIONS OF NIDS (MATIONAL DESIGN SPEC. BY ATSPA) AND TPI. TITM BCG. COMPORNS INTER ADEAL OF 20/18/16/06. (M.H./SKY) ASTH AGES GRADE 40/60 (M. K/H.S) GALV. STEEL. APPLY DATES TO EACH FACE OF TRUSS AND. DIRESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER BRANHOS 150A. Z. ANY INSPECTION OF PLATES FOLUCHED BY (1) SHALL BE PER ANKEX A 30 F TPI1-2002 SEC. J. A SEAL ON THIS DESIGN FOR ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI 1 SEC. Z. \*\*#ARMING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS! (BUILDING COMPONEM' SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE HESTITUTE, 21B MORTH LEE SIRKEE, SUITE 31Z, ALEXANDRIA, VA, ZEZIO) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES BRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE NICK PATEL RES. **1-8-0-**√ 3X4(B1) ≡ Design Crit: R-398 U-180 W-5.5" 3-0-0 Over 3 Supports CJ3) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) R-21 U-180 R-85 U-180 110 mph wind, 21.17 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00~GCpi(+/-)=0.18Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,\mathrm{.}$ 20-4-12 CENS . 59687 BC DL TC DL BC LL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-7-02, CLOSED bldg, Located TC DL=7.5 psf, wind BC 55.0 30.0 PSF 24.0" 1.25 10.0 PSF 15.0 PSF 0.0 PSF PSF FROM DATE REF SEQN-HC-ENG JREF -DRW HCUSR8228 07135027 Scale =.5"/Ft. R8228-1T7D8228Z02 JB/AF 05/15/07 163652 1850

Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP PLT TYP. Haines City, FL 33844
FI Carificate of Authorization # 567 (7-100R--Isaac Construction NICK PATEL RES. ALPINE Wave #2 Dense #2 Dense 0-6-3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. VY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FLARECKITHG. HANDLING. SHEPPING. INSTALLING & BRACING OF TRUSSES. DESIGN. CONFORMS. HITH APPLICABLE PROVISIONS OF ANDS. (MATIONAL DESIGN. SEC. B. YAFRA) AND TPI. ITH BCG. CONNECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/K). ASTH A653 GRADE 40/60 (M. K/H.SS). ALLY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DAMPHAGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPI1-2002 SEC. 3. ASTAL ON THIS DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL REGULERING RESPONSIBILITY OR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SECTION (BULLETING AND BRACING. REFER TO SECTION (BULLETING AND BRACING.) FROM THE STREE, SUITE 312, ALEXANDRIA, VA, ZE314) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 EXTREMPLISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CRORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY AND USE OF TH BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 1-8-0-3X4(B1) =Design Crit: R=487 U=180 W=5.5"  $\mathbb{M}$ 5 -5-0-0 Over 3 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 110 mph wind, 21.58 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 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. R-53 U-180 R-189 U-180 ယ် 22-8-7 20-4-12 BC LL BC DL TC DL DUR.FAC. דכ רר SPACING TOT.LD. FL/-/4/-/-/R/-1.25 55.0 10.0 PSF 15.0 PSF 30.0 PSF 24.0" 0.0 PSF PSF FROM REF JREF -DATE SEQN-HC-ENG JB/AF DRW HCUSR8228 07135028 Scale =.5"/Ft. R8228- 1851 1T7D8228Z02 05/15/07 163656

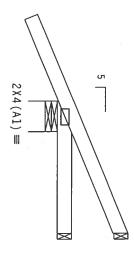


Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

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=7.5 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.



R=66 U=180 1-5-9 12-4-11
R=12 U=180



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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HAMDLING. SHIPPING, INSTALLING AND BRACING.

REFER TO BCS.1 (BUILDING COMPONENT SAETLY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218

NORTH LEE STREET, SUITE BLZ. ALEXANDRIA, VA. 22314) AND HICA (MODO TRUSS COUNCIL OF AMERICA. 6300

CHITERRISE LANE, MADISON, UI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE TUNCTIONS. UNLESS

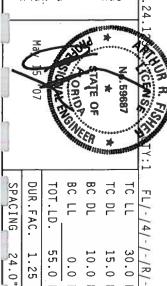
OTHERMISE INDICATED TO CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED RIGID CEILING.

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH PPI; OR FABRICATING, HANDLIGG, SHIPPING, INSTALLING & BRACKING OF TRUSSES. BY CAMPORANCE WITH APPLICABLE PROVISIONS OF HIS SCIENCING OF TRUSSES. BY AGAPA) AND TPI. DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF HIS GIANTIONAL DESIGN SPEC, BY AFAPA) AND TPI. THIS DESIGN COMFORMS OF 20/18/18GA (M. H/SS/S), ASTH AGAS GRADE 40/60 (M. KM.S) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERY AS OF FPI; 2002 SEC. 3. AS SEAL ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AMERICAL. 2.

Haines City, FL 33844
FL Carificate of Authorization # 667

ALPINE



			TRANS.	ER	3 <b>+</b>	HITTER
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 רר
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF - 1T7D8228Z02	FROM AH	SEQN- 163998	HC-ENG JB/AF	DRW HCUSR8228 07135030	DATE 05/15/07	REF R8228- 1853

Scale =.5"/Ft.

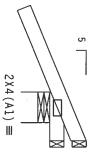
(7-100R--Isaac Construction NICK PATEL RES.

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

Wind reactions based on MWFRS pressures.

110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 7-02, CLOSED bldg, Located TC DL=7.5 psf, wind BC

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



R=-110 U=180

R--40 U-180

12-4-11 12-10-4

0-9-1

**1-8-0-**1-0-0 Over 3 Supports R-429 U-180 W-7.5"

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. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN TO THE INSTALLATION FOR BUILD THE TRUSS IN COMPORMANCE WITH TP): OR FABRICATING. HANDLING, SHAPPING. INSTALLING & BRACING OF TRUSSES.

DESIGN COMFORMS HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFRA) AND TP]. ITM BCG CONNECTOR PLATES ARE HADE OF 20/18/16GA (M.H/SS/K) ASTH A653 GABE 40/60 (M.K/M.SS) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHING SHOAL Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2003 ESC.3. A SCAL ON THIS DESIGN SHOUL. THE SUITABLILITY OF THE DRAWING HOLDETS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE DRAWING HOLDETS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE DESIGN SHOUN. THE SUITABLILITY OF THE DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TP1 1

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567

ALPINE



15.0 PSF 30.0 PSF

DATE

05/15/07

REF

R8228- 1854

Scale = .5"/Ft.

10.0 PSF 0.0 PSF

DRW HCUSR8228 07135031

HC-ENG JB/AF

24.0"

JREF -FROM SEQN-

11708228202

1.25

55.0 PSF

164003

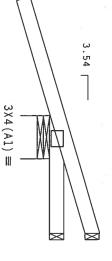
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Haines City, FL 33844
FL Carifficate of Authorization 4 547 PLT TYP. (7–100R -- Isaac Construction NICK PATEL RES. ALPINE Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; MAY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATION. HANDLURG, SHPPING, INSTALLING & BRACING OF TRUSSES. M. FARA) AND TPI. THE BCG. CONNECTOR PLATES ARE HADE OF 70/15/1666 (H. M.)755/N. ASI'N A653 GRADE 40/60 (M. K./H.SS) GALY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNICES OTHERNISE (COATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPIL-2002 SEC. 3. ASIAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OR THE TRUSS COMPONENT OF THE SOLICE FOR THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE \*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FARRICATION, PHOLISHED BY 1P1 (TRUSS PLAIE IN AND BRACING. REFER TO BESS! QUILLING COMPONENT SAFETY INFORMATION). PUBLISHED BY 1P1 (TRUSS PLAIE INSTITUTE, 218 MORIN LEE SIRREI, SUITE 312, ALEXANDRIA, VA, 22314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERFRENDES LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING INESE FUNCTIONS. UNLESS OTHERNISE HOLDSCAFED OF GRORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. -2-4-5 3.54 Design Crit: 3 X 4 (A1) ≡ R-342 U-180 W-10.607" 3-9-15 Over 3 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) <u>\</u> Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. SPECIAL LOADS From 91 PLF at -2.44 to From 91 PLF at -2.36 to From 4 PLF at -2.36 to From 20 PLF at 0.00 to -220 LB Conc. Load at 1.48 -80 LB Conc. Load at 1.48 R--29 U-180 R-42 U-180 No. 59687 CENS / PLATE DUR.FAC.=1.25)
t to 91 PLF at 3.83
t to 4 PLF at 0.00
t 0 20 PLF at 3.83 1.48 1.48 BC LL BC DL TC DL DUR.FAC. SPACING TC LL TOT.LD. FL/-/4/-/-/R/-55.0 1.25 24.0" 15.0 PSF 30.0 PSF 10.0 PSF 0.0 PSF PSF FROM SEQN-DATE REF JREF-HC-ENG DRW HCUSR8228 07135032 Scale =.5"/ft. R8228- 1855 1T7D8228Z02 JB/AF 05/15/07 164057

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

SPECIAL LOADS
-----(LUMBER DUR.FAC.=1.25 / PLATE DUR.From 91 PLF at -2.44 to 91 BC - From 4 PLF at -2.44 to 4 BC - From 20 PLF at 0.00 to 20 TC - 220 LB Conc. Load at 1.48 BC - 80 LB Conc. Load at 1.48 TE DUR.FAC.=1.25)
91 PLF at 2.42
4 PLF at 0.00
20 PLF at 2.42

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



R--93 U-180 R=-93 U=180

13-1-7 <del>•</del>12-4-11



2-4-5 2-5-0 Over 3 Supports R-384 U-180 W-10.607"

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

PLT TYP.

Wave

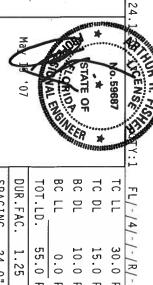
\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (RUISE) FLOWER SAFETY INFORMATION, PUBLISHED BY FFI (RUISE PLATE INSTITUTE, 210 MORTH LEE STREET, SUITE 312, ALEXANDRÍA, VA, 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INJURACIED DOF CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR AWY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FAREICATING, HANDLING. SHIPPING, INSTALLING & BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITM BCG COMMECTOR PLATES ARE HADE OF FOLISH SEGA (M. HISSEX) AND TRUSSES OF A SPACE OF TRUSS. AND INCIDENT METALES OF THE STATE OF THE PROVISION FOR SHALL APPLY PLATES TO EACH FACE OF TRUSS. AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DAMHINGS 160A. Z. ANY INSPECTION OF PLATES FOLIONEDS WY (1) SHALL BE FER ANNEX AS OF FPI; 2002 SEC. 3. AS SEA, ON THIS DESIGN ADDITIONAL PROFILES OF PROFESSIONAL ENGLIFIED ON THE STATE OF PROFESSIONAL ENGLIFIED THE RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

Haines City, FL 33844
FL Carificate of A when zation # 567

ALPINE



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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF - 1T7D8228Z02	FROM AH	SEQN- 164081	HC-ENG JB/AF	DRW HCUSR8228 07135033	DATE 05/15/07	REF R8228- 1856

Scale =.5"/Ft.

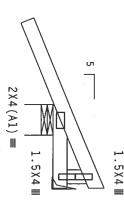
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-100R--Isaac Construction NICK PATEL RES.

110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 7-02, CLOSED bldg, Located TC DL=7.5 psf, wind BC

וווגס פחשט דאריאארט ואטון כטוורטונא זארטו (בטאטס פ טוונאסוטוט) סטפוזוונט פו ואטסט חודא.

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.



**1-8-0** 1-8-8 Over 2 Supports

=368 U=180 W=7.5™

R--16 U-180

PLT TYP. ALPINE Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO SECTI (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPT (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREE, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MODO TRUSS COUNCIL OF AMERICA, 6300 EXTERPAIS LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. DIMLESS OTHERWISE INDICATED TO PERBOD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. THE FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATING. MANDILG, SHEPPIK. INSTALLING A BRAILING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SECC. BY AFRA) AND TPI. IT BCG CONNECTOR PLATES ARE HADE OF 20/18/16/366 (H.H/SS/K). ASIM A653 GRADE 40/60 (M. K/M.SS) GALY. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN. POSITION PER DAMAINES 160.A-2. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF TPI1-2002 SEC. 3. STALON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

KENSE o. 5968. BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-55.0 15.0 PSF 30.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF

PSF

JREF -FROM SEQN-

1T7D8228Z02

DATE REF

05/15/07

1857

Scale =.5"/Ft. R8228-

DRW HCUSR8228 07135034

HC-ENG

JB/AF

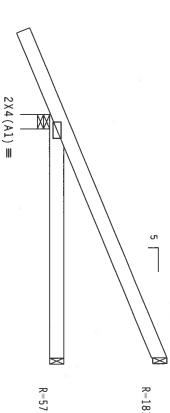
164101

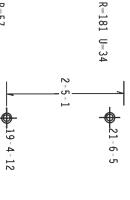
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

110 mph wind, 20.40 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 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  $1.50\,\cdot$ 





R-491 U-38 W-3.5" -5-0-0 Over 3 Supports

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

PLT TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MADGING, SMIPPING, INSTAILING AND BRACING.
RETER TO BESSI (BULCING COMPONEN) SAFETY INFORMATION), PUBLISHED BY THI (TRUSS PLATE INSTITUTE, 218
MORIN LEE SIRREI, SUITE 312. ALEXANDRIA, VA. Z2314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERNISE HOLICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

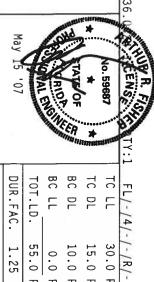
\*\*\*IMPORTANT\*\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. THC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FABRICATING. HANDLING. SHEPPIRE. INSTALLING & BRACHER OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF DNDS (MATIONAL DESIGN SPEC. BY AFRA) AND TPI. ITH BCG. CONNECTOR PALTES ARE MADE OF 20/18/160A. (M.H./SSY,) ASTH AGES GAME 40/60 (M. K./H.SS) GALV. STEEL. APPLY PALTES TO EACH FACE OF TRUSS AND. DHESS OTHERMISE LOCATED ON THIS DESIGN. POSITION PER BRAHINGS 160A. Z. ANY HIS DESIGN OF PALTES DELICABLE OF PALTES OF THE STEEL APPLY BARANING DISCOMPONENT OF PALTES DELICABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OF THE BUSIC COMPONENT DESIGN SHOWN. THE SULFABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUSICOMPONENT DESIGN SHOWN. THE SULFABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Haines City, FL 33844
FL --: cate of A. " zation # 677

zation # 6/7

ALPINE



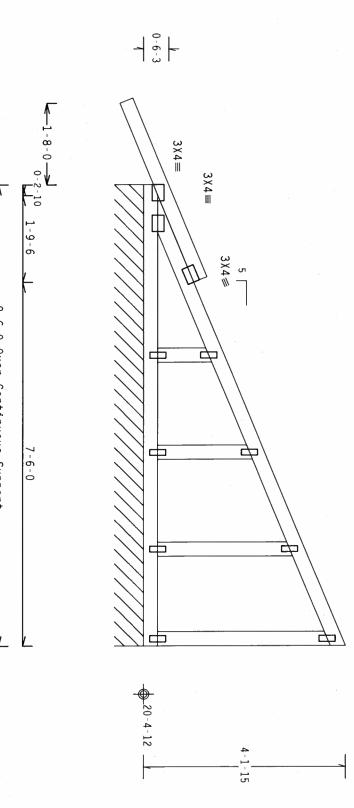
				9	antini	
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	דכ רר
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JR	FROM				F DATE	REF
JREF- 1T7D8228Z02	OM AH	SEQN- 22	HC-ENG JB/AF	W HCUSR82		
8228202		22744	AF	DRW HCUSR8228 07135035	05/15/07	R8228- 1858

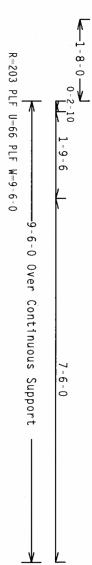
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures. (7 100R Isaac Construction NICK PATEL RES. \* GE 2) 110 mph wind, 22.36 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 Right end vertical not exposed to wind pressure

See DWGS All030EE0207 & GBLLETIN0207 for more requirements.

Truss spaced at 24.0" OC designed to support  $1\mbox{-}8\mbox{-}0$  top chord outlookers. Cladding load shall not exceed 4.00 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  $1.50\,.$ 





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

TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 FL Cartificate of Authorization # 567 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 11M BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TP: OR FABRICATING, HANDLING, SHEPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS. (MAIDONAL DESIGN SPEC, BY AFREA) AND TPI.

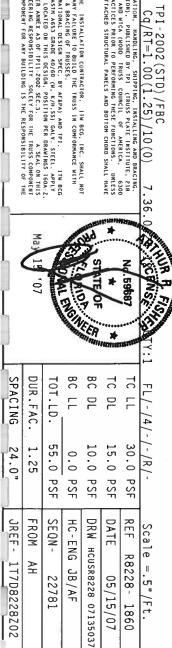
DESIGN CONFORMS AND HADE OF 20/16/16GA (M.H/SS/K) ASIM A653 GRADE 40/60 (M.K/M.SS) GAAL. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHRS 16GA-Z.

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

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

THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER PER ANSI/TPI 1

ALPINE



R8228- 1860

05/15/07

JB/AF 22781

1T7D8228Z02

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Wind reactions based on MWFRS pressures Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 567 PLT TYP. (7-100R--Isaac Construction ALPINE Wave 0-6-3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; AVE FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IP: OR FABRICATING. HANDLING, SHIPPING, INSTALLING & BRAZING OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC, B. ATERA) AND IPI. ITH BCG CONNECTOR PLATES ARE ANDE OF 2019/15/GA (M.H.55/K) ASTH A653 GRADE 40/GO (M. K/H.55) GALV. SIEEL. APPLY LATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 1506A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF IPI1;2002 SEC, 3. A SEAL ON THIS DESIGN. \*\*\*MARNING\*\* TRUSSES REQUIRE CENTERE CARE IN FABRICATION, INADILIE, SHIPPING, INSTALLIRG AND BRACING, BOTH REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE INDICATED TO POROBE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER NICK PATEL RES. INDICATES 1-8-0-3X4(B1) = Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25) R-725 U-180 W-3.5\* ХX \*\* - M3) 5 -9=6=0 Over 2 Supports SOLELY FOR THE TRUSS COMPONENT NG 15 THE RESPONSIBILITY OF THE 1.5X4 110 mph wind, 22.52 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure R-511 U-180 3 X 4 ≡ 1.5X4 Ⅲ BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-15.0 PSF 55.0 PSF 30.0 PSF 1.25 10.0 PSF 0.0 PSF REF FROM DATE SEQN-DRW HCUSR8228 07135038 HC-ENG JB/AF Scale =.5"/Ft. R8228- 1861 05/15/07 163734

SPACING

24.0"

JREF -

11708228202

PLT Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 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 (7-100R--Isaac Construction TYP. ALPINE Wave 0-6-3 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FOR FABRICATION, HANDLING, SHEPPING, HISTALLING & BRACING OF TRUSSES, BY AFRAY, AND TPI.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC, B. YAFRAY), AND TPI.

CONNECTOR PLATES ARE HADE OF 20/18/166A (M.H/SS/K), ASTM A653 GRADE 40/60 (M. K/M.55) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEY, A3 OF TPI1-2002 SEC, 3.

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE SOLEMANCE OF TRUSS AND AND ANY INSPECTION OF FAITES FOLLOWED BY (1) SHALL BE PER ANKEY, A3 OF TPI1-2002 FCC, 3.

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THE SOLENAME THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE SOLEMANCE OF THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE SOLEMANCE OF THE TRUSS COMPONENT OF THE SOLEMANCE OF THE S DESIGN SHOWN. THE BUILDING DESIGNER PER A PROPERLY ATTACHED RIGID CEILING NICK PATEL RES. 1-8-0-1 3X4(B1) = Design Crit: R-726 U-180 W-5.5' 3-5-8 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4 X 4≡ 3X4≢ 9-6-0 Over 2 Supports b-8-0 6 5X5≡ 110 mph wind, 22.52 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure <u>"</u> 5-4-8 15 '07 CENSE No:59687 הני בשת נירוטירה ניסחו למוח מודע זוה מו לרמשמת פ בזור הפזמת של מתחודוורה בו ומתחקק וחושי # OF R-512 U-180 3×5≢ 1.5X4 III BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-55.0 15.0 PSF 30.0 PSF 10.0 PSF 24.0" 1.25 20-8-12 20-4-12 0.0 PSF PSF SEQN-DATE REF JREF -FROM HC-ENG DRW HCUSR8228 07135039 Scale = .5"/Ft. R8228- 1862 1T7D8228Z02 JB/AF 05/15/07 163747

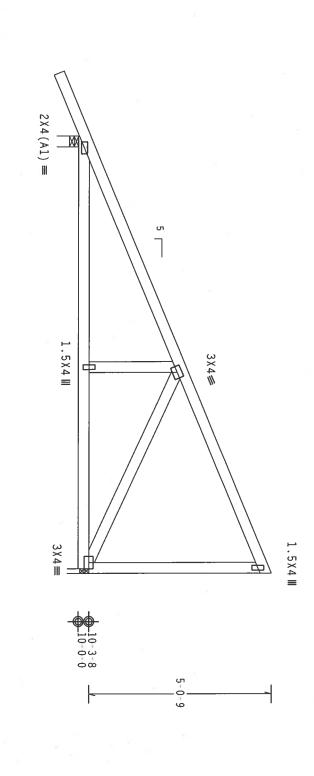
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 (7-100R--Isaac Construction NICK PATEL RES. M1) 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.00 יידה כשת יצריצצר וצהי להים הידט דים הי לדהטהי ש הזורשיזהמים/ ימהויזיירה הי קשקים וחדי 7-02, OPEN bldg, Located TC DL-7.5 psf, wind BC

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  $1.50\,.$ 

++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING





/10(0)

CENS

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

Scale = .375"/Ft.

PLT TYP.

Wave

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW 8CG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, MAY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FABRICATION, HANDLING, HISTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITM 8CG CONNECTOR PLATES ARE MADE OF 20/18/156A, (M.H/SS/K), ASTM A653 GRADE 40/60 (M. K/H.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A.3 OF IPII-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES
DESIGN SHOWN. TI

Haines City, FL 3844
FL Conficate of Authorization # SCT

ALPINE

A PROPERLY ATTACHED RIGID CEILING.

0.59687 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. 55.0 10.0 PSF 15.0 PSF 30.0 PSF 24.0" 1.25 0.0 PSF PSF REF JREF -FROM DATE SEQN-HC-ENG DRW HCUSR8228 07135040 R8228-1T7D8228Z02 JB/AF 164234 05/15/07 1863

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

Wind reactions based on MWFRS pressures

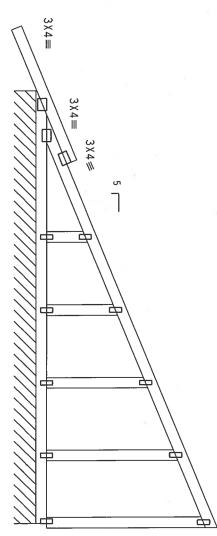
Truss spaced at 24.0" OC designed to support 1-8-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

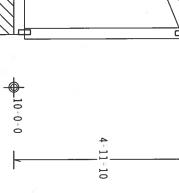
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is  $1.50\,.$ 

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements







**▲1-8-0-**

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)

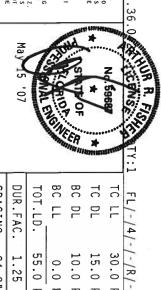
\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FFT (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEEKANDRIA, VA, 22314) AND MICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TP: OR FABRICATING. HANDLING. SHIPPING. HISTALLING & BRACHING OF FRUSSES. DESIGN. CONFORMS WITH APPLICABLE PROVISIONS OF NDS. (MATIONAL DESIGN SPEC. BY AFRAYA ND IPI. ITH BCG CONNECTOR PLATES ARE MADE OF 20/18/1664 (M.H/SS/K). ASIM A653 GRADE 40/60 (M.K/M.SS) BALL. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC. 3. ASIAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER ING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN. SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TP! 1 SEC.

Haines City, FL 33844
FL Chaiff cate of Anthon-Fation # 407

ALPINE



	2015 - East					
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 11
24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
JREF - 1T7D8228Z02	FROM AH	SEQN- 23121	HC-ENG JB/AF	DRW HCUSR8228 07135041	DATE 05/15/07	REF R8228- 1864

Scale = .375"/Ft.

# 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:

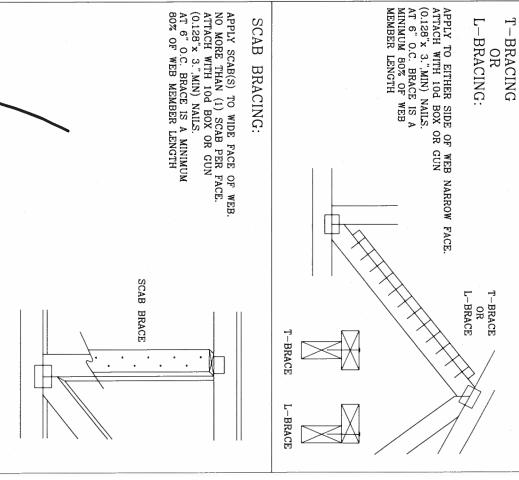
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

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

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.



\*\*\*VARNING\*\* TRUSSES REQUIRE EXTRDME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BOSI (BUILDING CDAPDNENT SAFETY INTORNATION), PUBLISHED BY TPI CTRUSS PLATE INSTITUTE, 218 MDRTH, LEE STR., SUITE 312, ALEXANDRIA, VA. 22314 NOU VICA CYDDD TRUSS COLWCIL OF ANERICA, 6300 ENTERPRISE, IL, MADISON, VI 53719) FOR SAFETY PRACTICES PRIDE TO PERPORNING HERSE FOR MALE SO DIRECTION FOR PROPERTY ATTACHED RIGID CELLING.
\*\*\*INDICATOR\*\* FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL MOTE BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FALLORE TO BLUID THE TRUSS IN COMPRESSED AND CONTRACTOR. THY BCG, INC., SHALL MOTE BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FALLORE TO BLUID THE TRUSS IN COMPRESSED.

WHIPDRY ANTWAR FURNISH CORY OF THIS DESIGN TO INSTALLATION COMPRACTOR. ITY BGG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FOR THE OFFICE ANY FAILURE ID BUILD THE TRUSS IN COMPRISHING. SHAPPING, ANY FAILURE ID BUILD THE TRUSS IN DESIGN CONNECTOR PLATES ARE HADE OF 20/18/166A VHOSCAS ANY FAILURE SHAPPING OFFICE BY AFFAN AND TRIFTY, BGG CONNECTOR PLATES ARE HADE OF 20/18/166A VHASSAS ANTH ASS3 GRADE 40/60. 40/47/3.SS) CALL NOT THE STORM CONNECTOR PLATES ARE HADE OF 20/18/166A VHASSAS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN PORTION OF PLATES FOR LOVED BY (1) SHALL BE FER BUSINGERING OFFICE AS A SEAL ON THIS DREAMN MUDIANTES FOR LOVED BY (1) SHALL BE FER CHARLESTED AND STORM OFFI AND SHAPPING OFFI A MONAL SHERILE BC DL SPACING TOT. LD. BC DUR. FAC H

TC DL

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MLH/KAR

REF DATE DRWG

BRCLBSUB0207

CLB SUBST. 2/23/07

TC

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PSF

THIS DRAWING REPLACES DRAWING 579,640

TWBUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA

ALPINE

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

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		l	M	A	X		C	i A	\ I	3]		<u>-</u>		V	E	R	Τ	Ί	C.	A	L		L	E	N	[(	ז <u>.</u>	ГΗ	
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			1		)	TII	L L	ひてユ	3	1	<u> </u>	j	V.	) )	TIL	디 디	ひてコ	2	1	<u></u>	j	<u>.</u>	) J	TII	I I	U T T	2	SPACING   SPECIES   GRADE	2X4 CABLE 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' 7"	4' 9"	4' 9"	4' 11"	5' 1"	4' 6"	4' 6"	4' 6"	4' 7"	4. 2.	4' 4"	4' 4"	4' 6"	4' 7"	4' 1"	4' 1"	4' 1"	4 2"	3' 8"	3' 9"	3' 9"	3' 11"	4' 0"	3' 7"	3' 7"	3' 7"	3' 8"	BRACES	Z O
	6' 9"	7' 9"	7' 11"	8' 0"	8' 0"	6' 7"	7' 8"	7' 8"	8' 0"	5' 10"	6' 9"	6' 10"	7' 3"		5 8	8' 0"	6 8	7' 3"	4' 9"	5 6"	5' 7"	6' 4"	6' 4"	4' 8"	5 <sup>1</sup>	ຫຼ ໜູ	6' 4"	GROUP A	(1) 1X4 "L"
	6' 9"	7' 9"	7' 11"	8' 7"	8' 7"	6' 7"	7' 8"	7' 8"	8' 2"	5' 10"	6' 9"	6' 10"	7' 9"	7' 9"	5. 8.	8, 0,	ල ල	7' 5"	4' 9"	5' 6"	5' 7"	6' 10"	6' 10"	4' 8"	5' 5"	5' 5"	6' 6"	GROUP B	." BRACE •
	8' 10"	9' 5"	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"	8' 7"	6'3"	7' 3"	7' 4"	7' 6"	7' 6"	6' 1"	7' 1"	7' 2"	7' 6"	GROUP A	(1) 2X4 "L"
	8' 10"	9' 11"	9' 11"	10' 2"	10' 2"	8 <sub>1</sub>	9' 5"	9' 5"	9' 8"	7' 8"	8' 11"	9' 0"	9, 3,	9' 3"	7' 6"	8' 7"	8' 7"	8' 10"	6' 3"	7' 3"	7' 4"	8' 1"	8' 1"	6'1"	7' 1"	7' 2"	7' 8"	GROUP B	" BRACE *
	11' 3"	11' 3"	11' 3"	11' 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"	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′9″	10′9″	11' 0"	11' 0"	10' 1"	10′ 3″	10′ 3″	10' 6"	8' 5"	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"	13' 5"	11' 8"	13' 5"	13' 5"	13' 5"	9' 9"	11' 4"	11' 5"	11' 9"	11' 9"	9' 6"	11' 1"	2.	11' 9"	GROUP A	T. 9X2 (1)
	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"	13' 6"	14' 0"	14' 0"	14' 0"	11' 11"	14' 0"	14' 0"	14'0"	14' 0"	11'8"		13′ 5″	13' 10"	9′9″	11' 4"	11' 5"	12' 8"	12′ 8″	9' 6"	11' 1"	11' 2"	12' 1"	GROUP B	" 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"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	- 1	14' 0"	14' 0"		14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	B GROUP A	(2) 2X6 "L"
	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"	14' 0"	14' 0"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	GROUP B	BRACE **

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

SOUTHERN PINE #3 STANDARD

STANDARD

GROUP B:

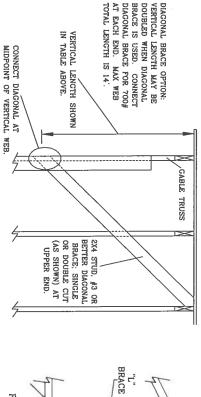
#1 & BTR HEM-FIR #1 / #2 STANDARD

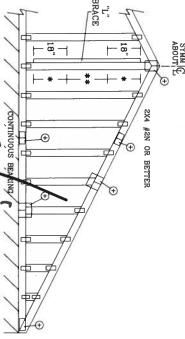
BRACING GROUP SPECIES AND GRADES:

 $\alpha$ 

GROUP

A





GABLE TRUSS DETAIL NOTES:

SOUTHERN PINE

DOUGLAS FIR-LARCH

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

\*\* FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES

GREATER THAN 4' O" BUT	LESS THAN 4' O"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES	
-	1X4 OR 2X3	NO SPLICE	ATE SIZES	

MEMBER LENGTH.

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

GREATER THAN 11 6 REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES. LESS THAN 11' 6" 2.5X4 2X4

 COSIONIAL ENGINE	OHO TO THE TANK	STATE OF STATE	/No.59687	CENSE	TUR R. Flor	THE PARTY OF THE P
MAX.		MAX.				
MAX. SPACING 24.0"		MAX. TOT. LD. 60 PSF				
24.0"		60 PSF				
			-ENG	DRWG	DATE	REF
				A11030EE0207	2/23/07	ASCE7-02-GAB11030

MANDER MATERIAL FLENISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITY BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS. IN COMPROMENCE WITH APPLICARE, PROPERTY OF THE DESIGN SHAPE HADE OF CONTRACTOR OF THE SERVICE OF \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFET TO BEST (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STER, SUITE 312, ALEXANDRIA, VA. 22314) AND WTGA (VUIDD TRUSS COUNCIL DAKERICA, 6300 ENTERPRISE LN, HADISON, WI 33719) FOR SAFETY PACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNESS OTHERWISE NOTICES INFORMATION TO PERFORMING THESE PRICE TO PERFORMING THESE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

REFER

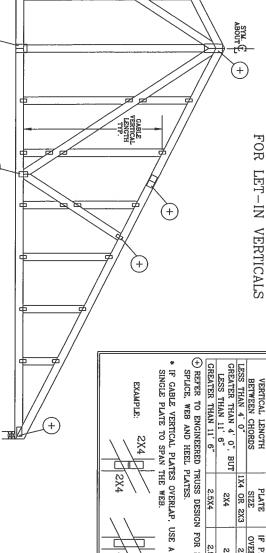
TO CHART ABOV

MAX GABLE VERTICAL LENGTH

May

ITW BUILDING COMPONENTS GROUP, INC POMPANO BEACH, FLORIDA

ALPINE



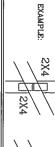
GABLE VERTICAL PLATE SIZES SIZE 1X4 OR 2X3 2.5X4 PLATE 2X4 IF PLATES OVERLAP\* 2.5X8 2X8 2X8

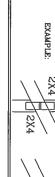
GABLE

DETAIL

SPLICE, WEB AND HEEL PLATES. FOR PEAK.

SINGLE PLATE TO SPAN THE WEB.





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

HAND DRIVEN NAILS:

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 AND BOTTOM CHORD

GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE

OR SBCCI WIND LOAD. ASCE 7-93 GABLE DETAIL DRAWINGS

REINFORCING MEMBER

4 TOENAILS

RIGID SHEATHING

GABLE. TRUSS

TOENAILS SPACED AT 4" O.C.

ASCE 7-98 GABLE DETAIL DRAWINGS A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

ASCE 7-02 GABLE DETAIL DRAWINGS A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A10050EC0207, A10050EC0207, A10050EC0207, A10050EC0207, A1 A10030EC0207, A08515EC0207 A08530EC0207

ASCE 7-05 GABLE DETAIL DRAWINGS A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A13030EE0207, A13050EE0207, A13050EE0207, A13050EE0207, A13050EE0207, A13050EE0207, A13050EE0207, A13050EE0207, A1

A13030E50207, A12030E50207, A11030E50207, A10030E50 A13015E50207, A12015E50207, A11015E50207, A10015E5020 07, A08530E50207 A08515E50207

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

4 TOENAILS

CEILING

RAVARNINGAM TRUSSES REGUIRE EXTREME CARE IN FABRICATING, HANDILTING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (SULIDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, 218 NIBTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WICA CYUDID TRUSS COUNCIL OF MARRICA, 6390 ENTERPRISE LN, HANDISM, WI 53719) FOR SAFETY PARCITICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS DIHERVISE INDICATED. TOP CHORD SHALL HAVE PRIDERELY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PRIDERELY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PRIDERELY ATTACHED STRUCTURAL

WHERE NAME FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR ITY BGG, INC., SHALL

OUT DE RESPONSUIBLE CIDE AND THIS DESIGN, ANY FAILURE ID BUILD IN TRUSS. IN

COMPONING WITH PIP, DR FABRICATING, HANDEING, SEPPING, INSTALLING & BACKLING OF TRUSSES. IN

DESIGN COMPONING TO PLATES, ARE HANDE OF EQUISIONS OF MISS. AND THIS ASSET AS ARE HANDE OF EQUISIONS OF MISS. AND THE WISE LOCATED BY THIS

GALY STEEL, APPLY PLATES, ARE HANDE OF EACH FACE OF THE WISE AND THE STREAM PROPERTY BY CONTROL TO THE SHALL BE PER

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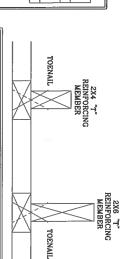
ANIELY AS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER

ANIELY AS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER.

May

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE



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

WEB LENGTH INCREASE W/ "T" BRACE

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

	_	_			_		_			٠		_									
30 FT	70 MPH	15 FT	70 MPH	30 FT	80 MPH	15 FT	80 MPH	30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	AND MRH	WIND SPEED
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	MBR. SIZE	"T" REINF.
10 %	10 %	0 %	0 %	20 %	20 %	10 %	10 %	30 %	10 %	20 %	20 %	40 %	10 %	30 %	10 %	50 %	10 %	40 %	10 %	10000	COCCI
30 %	20 %	20 %	20 %	40 %	10 %	30 %	20 %	50 %	10 %	40 %	10 %	40 %	10 %	50 %	10 %	50 %	2 01	50 %	2 01	AUCE	ACCE.
	2x6 10 % 30	2x4 10 % 20 2x6 10 % 30	2x6     0 %     20       2x4     10 %     20       2x6     10 %     30	2x4     0 %     20       2x6     0 %     20       2x4     10 %     20       2x6     10 %     30	2x6 20 % 40	2x4 20 % 10 2x6 20 % 40 2x4 0 % 20 2x6 0 % 20 2x6 0 % 20 2x6 0 % 20 2x6 10 % 20 2x6 10 % 30	2x6 10 x 30 2x4 20 x 10 2x4 20 x 10 2x4 0 x 20 2x6 0 x 20 2x6 0 x 20 2x6 10 x 30	2x4 10 % 2x6 20 % 2x6 20 % 2x4 0 % 2x6 0 % 2x4 10 %	2x6 30 x  2x4 10 x  2x4 20 x  2x6 20 x  2x6 0 0 x  2x6 0 0 x  2x6 0 0 x  2x6 10 x	2x4 10 % 2x6 10 % 2x6 20 % 2x6 10 % 2x6 20 % 2x6 20 % 2x6 0 0 % 2x6 0 0 % 2x6 10 % 2x6 10 % 2x6 10 %	2x6 20 x  2x4 10 x  2x6 30 x  2x6 10 x  2x6 20 x  2x7 20 x  2x7 20 x  2x8 20 x  2x8 20 x  2x8 20 x  2x8 10 x	2x4 20 x 2x6 20 x 2x6 30 x 2x4 10 x 2x6 30 x 2x4 10 x 2x6 10 x 2x6 20 x 2x7 20 x 2x7 20 x 2x8 20 x 2x8 10 x 2x8 10 x 2x8 10 x 2x8 10 x	2x6 40 7x  2x8 20 7x  2x4 10 7x  2x8 20 7x  2x8 20 7x  2x8 20 7x  2x8 10 7x	2x4 10 x 2x4 20 x 2x6 2x6 2x6 2x6 2x6 2x6 2x6 2x6 2x6 2	2x6 30 x 2x4 20 x 2x4 20 x 2x6 20 x 2x6 30 x 2x6 30 x 2x6 10 x 2x6 20 x 2x7 10 x 2x7 10 x 2x8 10 x 2x8 10 x 2x8 10 x 2x8 10 x 2x8 10 x	MPH         2x4         10 %           FT         2x6         30 %           MPH         2x4         10 %           MPH         2x4         20 %           IPT         2x6         20 %           IPT         2x6         30 %           IPH         2x4         10 %           IPT         2x6         10 %           IPT         2x6         10 %           IPT         2x6         20 %           IPT         2x6         20 %           IPT         2x6         20 %           IPT         2x6         20 %           IPT         2x6         0 %           IPT         2x6         10 %           IPT         2x6         10 %	FT         2x8         50 %           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x4         10 %           IPH         2x6         40 %           IPH         2x4         20 %           IPH         2x4         10 %           IPH         2x4         10 %           IPH         2x4         10 %           IPH         2x4         10 %           IPH         2x4         20 %           IPH         2x4         20 %           IPH         2x6         20 %           IPH         2x6         0 %           IPH         2x6         0 %           IPH         2x6         0 %           IPH         2x6         0 %           IPH         2x6         10 %	MPH 2x4 10 % Pr 2x6 50 % Pr 2x6 30 % Pr 2x6 40 % % Pr 2x6 40 % Pr 2x6 20 % Pr 2x6 10 % Pr 2x6 20 % Pr	MPH 2x4 10 % MPH 2x4 10 % MPH 2x4 10 % MPH 2x4 10 % MPH 2x4 20 % MPH 2x4 10 % MPH 2x4 20 % MPH 2x4 10 % MPH 2x4 20 % MPH 2x4 10 % MPH 2x6 10 % MPH 2	MPH         2x4         10 %           FT         2x6         40 %           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x4         10 %           MPT         2x6         30 %           MPH         2x4         20 %           PT         2x6         20 %           PP         2x6         20 %           PP         2x6         10 %           PP         2x6         10 %           PP         2x6         10 %           PP         2x6         20 %           PP         2x6         10 %           PP         2x6         20 %           PP         2x6         10 %           PP         2x6         10 % <td>MRH         MBR. SIZE         January           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x6         50 %           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x4         20 %           MPH         2x4         20 %           MPH         2x4         10 %           MPH         2x4         20 %           MPH         2x6         20 %           MPH         2x6         20 %           MPH         2x6         0 %           MPH         2x6         0 %           MPH         2x6         0 %</td>	MRH         MBR. SIZE         January           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x6         50 %           MPH         2x4         10 %           MPH         2x4         10 %           MPH         2x4         20 %           MPH         2x4         20 %           MPH         2x4         10 %           MPH         2x4         20 %           MPH         2x6         20 %           MPH         2x6         20 %           MPH         2x6         0 %           MPH         2x6         0 %           MPH         2x6         0 %

EXAMPLE:

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" MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH 1.10  $\times$  6' 7" = 7' 3"

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

No. of the last of						REF	LET-IN VERT
UK T. FIG.						DATE	DATE 2/23/07
PICENOK IS						DWMG	GBLLETIN0207
No.59687						-ENG	-ENG DLJ/KAR
STATE OF Pulling	MAX	MAX TOT. LD. 60 PSF	LD.	60	PSF		
CLORION NEW DUR.	DUR.	DUR. FAC.		ANY			
SONAL ENGINE	XAM	MAX SPACING	iNG.	24.0"	o,		

# ASCE 7-02: 110 MPH WIND SPEED, 15 MEAN HEIGHT, ENCLOSED, 11 1.00, **EXPOSURE** $\bigcirc$

BRACING GROUP SPECIES AND GRADES:

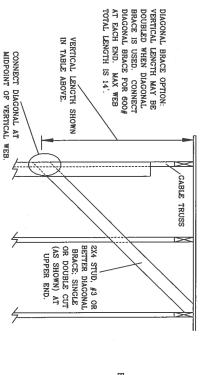
GROUP

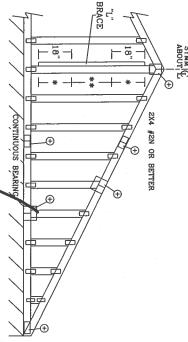
Α

HEM-FIR

STANDARD

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	1		j 1	<u>ري</u> اح	)	TIT	口 叮	O'T'	C T T		1	1	( <u>)</u>	)	TIT	I I	ひてに			<u>-</u>		<u>()</u>	)	TTT,	디 디	U, L	Σ Σ	SPECIES	CABLE 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 <sup>'</sup> 0	5 <sup>1</sup>		1 ~	1 ~	4 9"	-	l	4, 5,		4' 6"	4' 9"	4' 10"	4' 4"		4' 4"	. 4' 5"	3' 10"	4' 0"	4' 0"	4. と"	4' 3"	3' 9"	3′ 9″	3' 9"	3' 10"	BRACES	S.
	7' 5"	8; 5;	8' 5"	8, 5,	න <sub>්</sub> රැූ	7' 3"	ල රාූ	~	1 1	6' 5"	7' 6"	7' 7"	7' 8"	7' 8"	6, 4,"	7' 4"	7' 4"	7' 8"	5 3"	6' 1"	6, 5,	6' 8"	6 8	5' 2"	6' 0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "
	7' 5"	8' 7"	8, 5,	9' 1"	9' 1"	7' 3"	8, 2,	8, 5,	٠,	G 5	7' 6"	7' 7"	හ <sub>.</sub> යූ	හ <sub>.</sub> ය		7' 4"	7' 4"	7' 10"	5' 3"	6' 1"	6' 2"	7' 2"	7' 2"	5' 2"	6'0"	6' 0"	6' 10"	GROUP B	"L" BRACE *
	9' 10"	10' 0"	10' 0"	10' 0"	10, 0,	9' 7"	10' 0"	10' 0"	10' 0"	8' 6"	9' 1"	9' 1"	9' 1"	9' 1"	8, 4,"	9' 1"	9' 1"	9' 1"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4
	9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	9' 7"	10′0″	10' 0"	10' 3"	8 6 7	9' 6"	9' 6"	9′ 9″	9' 9"	8' 4"	9' 1"	9' 1"	9' 4"	6' 11"	8' 0"	8' 1"	8' 6"	8' 6"	6' 9"	7' 11"	7' 11"	8' 1"	GROUP B	"L" BRACE *
	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	111' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	10′ 10″	1 1		10' 10"	9' 4"	9' 5"	- 1	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' 1"	11' 4"	11' 4"	11'8"	11' 8"	10′ 10″	10' 10"	10' 10"	11' 1"	9' 4"	9' 11"	9' 11"	10' 2"	10' 2"	9' 1"	9′ 5″	9' 5"	9' 8"	GROUP B	L" 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"	14' 0"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	1	12' 5"	- 1	12' 5"	10' 7"	12' 3"	۱ ۱	12, 5,	GROUP A	(1) 2X6
	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"	14' 0"	12' 11"	14' 0"	14' 0"	14' 0"	10' 10"	12' 6"	12' 8"	13' 5"	13′ 5″	10' 7"	12' 3"	12' 4"	12′ 9″	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"	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"	GROUP A	(2) 2X6 "L"
	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"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14′0″	14' 0"	14' 0"	GROUP B	BRACE **
OTHER SERVICE ON ONE	CARLE SIDO CITED TO A	CONTINUOUS BEARING (5	DROVING HELIET CONNECTION	LIVE LOAD DEFLECTION CRIT	GADLE INOSS D	CABIE TRIES D			#2	#1	SOUTHERN PINE		## 8 P	HEX-F	okoo!	CBOILE			STANDARD	200	DOUGLAS FIR-LARCH		#3 STUD	#1 / #2 STANDARD	GIVOOI	IIIO GEO	BRACING GROUP SPEC		





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

GABLE TRUSS DETAIL NOTES:

DOUGLAS FIR-LARCH

#2 #

SOUTHERN PINE
#3
STUD
STANDARD

GROUP B:

#1 & BTR

PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

\* N 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.

4.					
PEAK, SPLICE, AND HEEL PLATES.	GREATER THAN 11' 6"	GREATER THAN 4' 0". BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
DESIGN FOR PLATES.	2.5X4	2X4	1X4 OR 2X3	NO SPLICE	TE SIZES

WHIPDEPLANTER FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL NOT BE RESPONSIBLE COR ANY DEVLATION FOR THIS DESIGN, ANY FAILURE TO BUILD THE TRISS. IN CORPORANCE VITH, IPP. IDE FABRICATING, HANDLING, SHEPPING, ANY FAILURE TO BUILD THE TRISS. IN DESIGN CONTRACTOR PLATES, ARE HADE DEVISIONS OF MIS HANDLING, BESIGN SPEC, BY AFFEN MISS. IN THE STATE OF THE THE TRISS. AND THE STATE OF THE THE TRISS. AND THE STATE OF THE THE TRISS. AND THE STATE OF THE THE FER THE STATE OF THE THE TRISS. OPENING THE STATE OF THE STATE OF THE THE TRISS. AND THE STAN AND THE S \*\*\*WARNING\*\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESI GBULDING COMPUNENT SAFETY INFORMATION, PUBLISHED BY TPI CIRUSS PLATE INSTTUTE, 218 NORTH LEE STR., SUITE 122, ALEXANDRIA, VA. 22314) AND VTCA CYODO TRUSS COUNCIL BY AMERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERVISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

REFER TO CHART ABOVE

FOR M

GABLE VERTICAL LENGTH

ITW BUILDING COMPONENTS GROUP, POMPANO BEACH, FLORIDA

ALPINE

ORIOT HE

MAX. TOT. LD. 60 PSF DRWG

MAX.

SPACING 24.0" REF A11015EE0207 2/23/07 ASCE7-02-GAB11015

### ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1T7D8228Z0115144822

Truss Fabricator: Anderson Truss Company

Job Identification: 7-100--Isaac Construction NICK PATEL FLOOR -- , \*\*

Truss Count: 8

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.36, 7.26.

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 - 55.0 PSF @ 1.25 Duration

Floor - 55.0 PSF @ 1.00 Duration Wind - 110 MPH ASCE 7-02 -Closed

### Notes:

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

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

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

Details: -

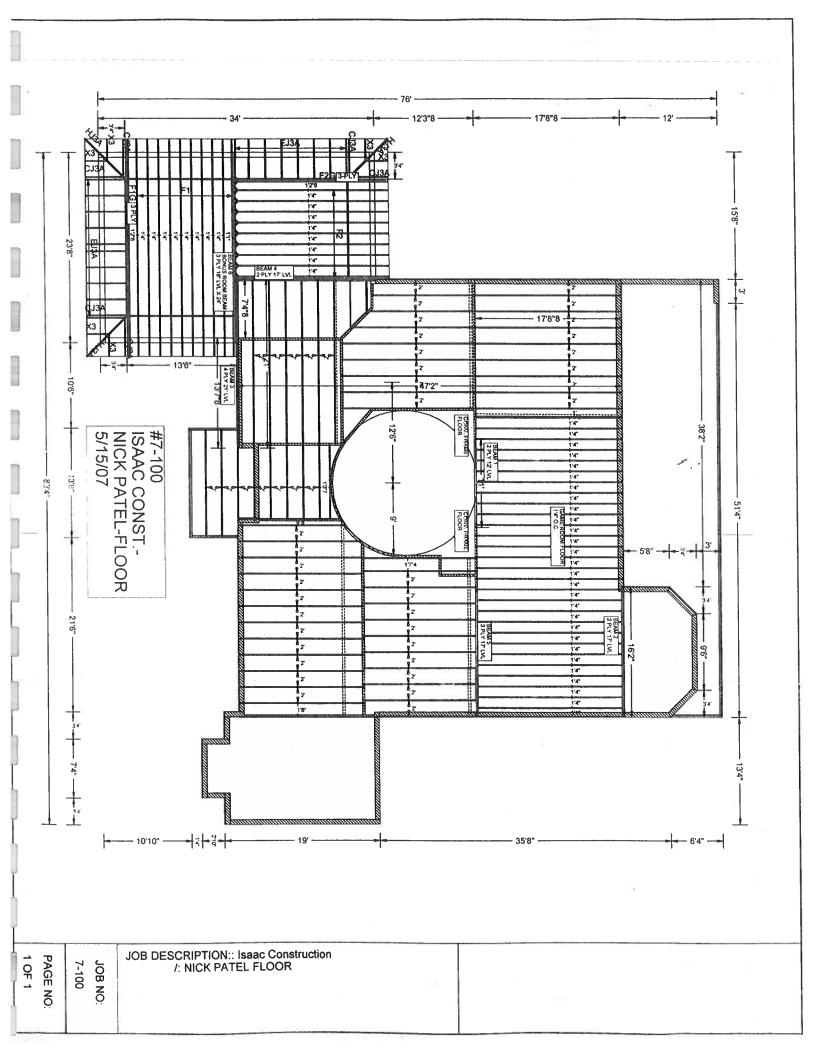
#	Ref Des	cription	Drawing#	Date
1	01586F2G	(0) 3 (4) (5) (5)	07135002	05/15/07
2	01587F1		07135075	05/15/07
3	01588F2		07135077	05/15/07
4	01589F1G		07135078	05/15/07
5	01590EJ3A		07135071	05/15/07
6	01591CJ3A		07135072	05/15/07
7	01592HJ3A		07135073	05/15/07
8	01593X3		07135074	05/15/07

4.164

Seal Date: 05/15/2007

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





SPECIAL LOADS
-----(LUMBER DUR.FAC.=1.25 / PTC From 135 PLF at 1.67 to 10 PLF at 3.33 to 10 PLF at 3.3 Wind PLT TYP. Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense: Bot chord 2x8 SP #1 Dense Webs 2x4 SP #3 LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO Trusses to be spaced at 16.0" OC maximum (7-100 Isaac Construction NICK PATEL FLOOR Haines City, FL 33844
Ft Conficate feet with prization 4 441 reactions based on MWFRS pressures ALPINE IBER DUR.FAC.=1.25 / PLATI
135 PLF at -1.67 to
463 PLF at 3.33 to
10 PLF at 0.00 to
20 PLF at 3.33 to
LB Conc. Load at 3.33
LB Conc. Load at 3.33 Wave **★**1-8-0**★** 4X10(B3) =\*\*IMPORTANT\*\*\*CURNISH 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 COMPORMANCE WITH TPI; OR FARRICALING, SHADPLING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF MDS (MAITONAL DESIGN SPEC, BY AFRY) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF Z0/18/16GA (M.H/SS/K) ASIM AGS GRADE 40/60 (M.K/M.SS) GALV. STEEL. APPLY ALTES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAININGS AGAA.Z \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDING. SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PRILISHED BY TPI (TRUSS PLATE INSTITUTE, 219 MORTH LEE STREE, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (MODO TRUSS COUNCIL OF AMERICA, 6300 EXTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE ARROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. R-3620 U-451 W-7 PLATE ATE DUR.FAC.=1.25)
135 PLF at 3.33
463 PLF at 17.17
10 PLF at 3.33
20 PLF at 17.17 3-4-0 Design Crit: 1.5X4 III 8X14≡ S OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604.2 SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS F2G) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4 X 8 ≡ 4×5≡ 17-2-0 Over 4 X 5 ≡ ~ 4×5≡ Supports Nailing Schedule: (12d\_Common\_(0.148\*x3.25\*,\_min.)\_nails)
Top Chord: 1 Row @ 6.00\* o.c.
Bot Chord: 1 Row @12.00\* o.c.
Webs: 1 Row @ 4\* o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting. 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=2.5 psf. Iw=1.00 GCpi(+/-)=0.18 .3-10-0 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24°0C, BC @ 24°0C. COMPLETE 1.5X4 Ⅲ 4 X 1 0 ≡ CORNO TATE RUSSES 4×5≡ 3 X 9 ≡ REQUIRED BC DL BC LL TC DL TC LL DUR.FAC. SPACING TOT.LD. R-4047 U-504 FL/-/4/-/-/R/-5×6≡ 1.5X4 III 1.00 55.0 10.0 PSF 40.0 PSF 16.0" 0.0 5.0 PSF PSF PSF DATE JREF -FROM SEQN-REF HC-ENG CC/AP DRW HCUSR8228 07135002 Scale =.375"/Ft. R8228-1T7D8228Z01 23005 05/15/07 1586

Top chord 2x4 SP #2 Dense :T2, T3 2x6
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH =
:Rt Slider 2x4 SP #3: BLOCK LENGTH = PLT LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING. SPECIAL LOADS (7-100--Isaac Construction NICK PATEL FLOOR TW Building Components Group, Inc. Haines City, FL 33844 F1 Cartificate of Authorization # 542 ---- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00) From 67 PLF at -1.78 to 67 PLF at 25.45 From 7 PLF at 0.00 to 7 PLF at 23.67 1270 LB Conc. Load at 3.33, 20.33 TYP. ALPINE 20 Gauge HS, K1-8-0 #2 Dense :T2, T3 2x6 SP #2: #1 Dense  $5 \times 6 (C5) \equiv$ ഗ R-2253 U-279 W-7.5" 4X10(C5) =.Wave \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FARELLING BE BELLEY OF FABRICATING. HANDLING, SHAPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFERRYS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN SPEC, BY ATBA) AND TPI. IT BCG CONNECTOR PLATES ARE MADE OF 20/18/1666 (M.H/SS/K) ASIM A653 GRADE 40/60 (M. K/M.SS) AGALY SIEEL. APPLY LAIRES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A OF TPI1-2002 SEC.3. ASIA ON THIS DESIGN ASIA OF TRIBLED AND THE TRUSS COMPONENT OF THE SUBJECT OF THE A PROPERLY ATTACHED RIGID CEILING. 3 - 4 - 03×4≢ 1.5X4 III 8X10≡ Design Crit: 4×5= 3×4≡<sub>T2</sub> 3×4≡ 2.5X6≡ 23-8-0 Over HS512= TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1.5X4 III 3 X 4 ≡ 17-0-0 2 Supports 5 X 4 (R) Ⅲ 1.5X4 III 4 X 5 ≡ 5 X 4 (R) III 3X8**≡** 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 BC DL=2.5 psf. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Trusses to be spaced at 16.0" OC maximum In lieu of structural panels or rigid ceiling @ 24″ OC, BC @ 24″ OC. IJ 3 X 4 ≡ 26.0608 4×5= 1.5X4 III 8X10# ORIOS 3×4₩ 4X10(C5) = R=2253 U=279 W=7.5" 3-4-0  $5x6(C5) \equiv$ V\_0 BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/use 55.0 10.0 PSF 40.0 PSF 16.0" 1.00 0.0 5.0 PSF purlins PSF PSF ţ FROM DATE REF JREF -SEQN-HC-ENG DRW HCUSR8228 07135075 Scale = .25"/Ft. located psf, wind brace TC R8228-1T7D8228Z01 CC/AP 45583 05/15/07 1587 REV

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE TC - From 30 PLF at -1.67 to 30 PLF at 3.33 to 60 PLF at 3.33 PLT TYP. Top chord 2x4 SP #2 Dense :T2 2x6 SP #2: Bot chord 2x8 SP #1 Dense Webs 2x4 SP #3 LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING. Deflection meets  $L/240\,$  live and  $L/180\,$  total load. Creep increase factor for dead load is 1.50. (7 100 Isaac Construction NICK PATEL FLOOR Haines City, FL 33844

Fi Card ficate of Authorizatio - 4 < 22 ALPINE Wave **★**1-8-0¥ 4X10(B3) ≡ 5 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR AWY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH PI. OR FAREIGATING, HANDLING. SHIPPING, HISTALLING A BRACING OF TRUSSES. DESIGN CONTROLATION, THE PI. OR FAREIGATING, AND PI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H./SS/K) ASTH A653 GRADE 40/60 (W. K/M.SS) GALV. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DRAWINGS 160A-Z. PARTES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FRO BRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARREX AS OF FPIL-2002 SEC.3. A SEAL ON THIS DESIGN SHOULD SEED ON THIS DESIGN SHOULD SEED ON THE SECOND SHATE AS OF PRIL-2002 SEC.3. AS SEAL ON THIS DESIGN SHOULD SEED ON THIS DESIGN SHOULD SEED ON THE SECOND SHATE AS OF PRIL-2002 SEC.3. \*\*WARNING\*\* TRUSSES REDUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BCSI. (BUILDING COMPONENT SAFETY IMPORATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. BUILDING DESIGNER PER R=1789 U=222 W=7.5" 3-4-0 E DUR.FAC.=1.25)
30 PLF at 3.33
67 PLF at 17.17
7 PLF at 17.17 67 Design Crit: 1.5X4 8X10= =F2) TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4 X 5 ≡ 3×4≡ -17-2-0 Over 3×4≡ 2.5X6≡ Ν Supports 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=2.5 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. 13-10-0 Trusses to be spaced at 16.0" OC maximum In lieu of structural panels or rigid ceiling use purlins brace TC @  $24\,^{\circ}$  OC, BC @  $24\,^{\circ}$  OC. 2.5X6≡ 1.5X4 III 5 X 4 (R) Ⅲ 1.5X4 III ⇉ האים משת וארוסארט ואטה למודטולע זוגנסו (רכאסס פ מזוובווסונטוס) סממוזוובט פו ועססס וודת. 3X8≡ 5X4(R) III BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. R=855 U=112 FL/-/4/-/-/R/-2.5X8= 1.5X4 III 55.0 10.0 40.0 PSF 16.0" 1.00 0.0 5.0 PSF PSF PSF PSF 9-0-0 t o FROM REF SEQN-DATE JREF -HC-ENG DRW HCUSR8228 07135077 Scale =.375"/Ft. 1-8-12 R8228- 1588 1T7D8228Z01 CC/AP 23055 05/15/07

chord 2x4 SP #2 Dense :T2, chord 2x8 SP #1 Dense Webs 2x4 SP #3

SPECIAL LOADS

From From From From (LUMBER 90 PLF 463 PLF 90 PLF 20 PL 10 PL DUR.FAC. PLATE TE DUR.FAC.=1.25)
90 PLF at 3.33
463 PLF at 20.33
90 PLF at 25.33
10 PLF at 20.33
20 PLF at 20.33
10 PLF at 23.67
, 20.33

260 LB Conc. Load at 21 LB Conc. Load at 0.33

In lie lieu of ace TC @ structural panels 24° OC, BC @ 24° ( s or rigid ceiling use purlins to 0C.

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

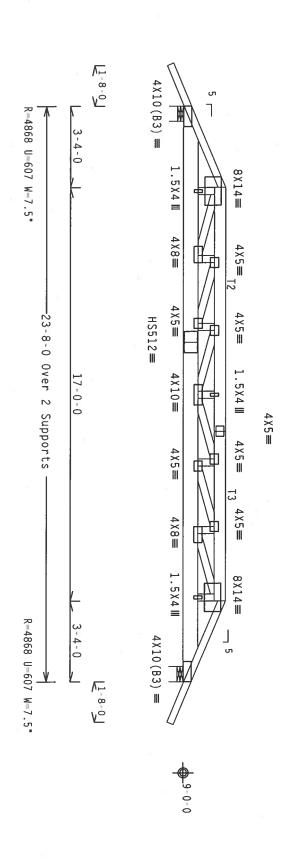
Nailing Schedule: (12d\_Common\_(0.148\*x3.25\*,\_min.)\_nails)
Top Chord: 1 Row @ 5.75\* o.c.
Bot Chord: 1 Row @12.00\* o.c.
Webs : 1 Row @ 4\* o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

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=2.5 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

Trusses to be spaced at 16.0" OC maximum

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



Haines City, FL 33844

Fit Carificate of Authorization 44 642 ALPINE BUILDING DESIGNER PER ANSI

TYP.

20

Gauge HS, Wave \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, ZIB NORTH LEE STREET, SUITE DIZ. ALEXANDRIA. VA. 2231) AND HICA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LAME, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TO CHORD SHALL HAVE PROPERLY ATTACHED TO CHORD SHALL HAVE A PROPERLY ATTACHED TO 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)

\*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BGG. INC. SHALL NOT BE RESPONSIBLE FOR AWY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH IPI: OR FABRICATION, HANGLING. SHEPPING, HISTALLING & BRACKING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC. BY AFAPA) AND TPI.

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CONNECTOR PLATES ARE HADE OF ZOJ/B0/JGGA (M.H/SS/K) ASTH A653 GRADE 40/JGG (M. K/H.SS) GALY. SITEEL APPLY

PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERWISE (DOATED ON THIS DESIGN, POSITION PER DRAWNINGS 166A-Z

PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERWISE (DOATED ON THIS DESIGN, POSITION PER DRAWNINGS 166A-Z

PLATES TO EACH FACE OF TRUSS AND. UNICESS OTHERWISE (DOATED ON THIS DESIGN, POSITION PER DRAWNINGS 166A-Z

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

AS ALON THIS STEEL. APPLY
DRAWINGS 160A-Z.

WINDS HELD TATE O BC LL BC DL DUR.FAC. TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-

55.0 1.00 10.0 PSF 40.0 PSF 16.0" 0.0 PSF 5.0 PSF PSF SEQN-DATE REF JREF -FROM HC-ENG CC/AP DRW HCUSR8228 07135078 R8228- 1589 1T7D8228Z01 23001 05/15/07

Scale = .25"/Ft.

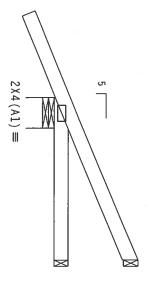
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

Wind reactions based on MWFRS pressures

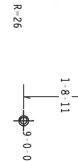
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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







R-416 U-13 W-7.5" <3-4-0 Over 3 Supports >

PLT TYP. Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 1127, ALEXANDRIA, VA, 22314) AND MICHA (MODD TRUSS COUNCIL OF AMERICA, 6300 EXTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

ITW Building Components Group, Inc. Haines City, FL 33844 or Children Children Components Group, Inc. \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FAILURE TO BUILD THE THUSS IN COMPORMANCE WITH FPI: OR FABRICATING, HANDLING, SHEPPING, INSTALLING A BRACING OF TRUSSES.

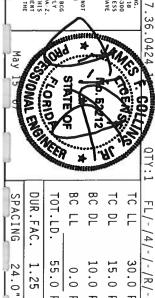
DESIGN CONFORMS WITH APPLICABLE PROYISIONS OF NOS (MATIONAL DESIGN SPEC, BY ATERA) AND TPI.

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PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWNES 100A-Z. ANY INSPECTION OF PLATES TO LONGE BY (1) SHALL BE FER ANNEX A.3 OF TPI] 200Z SEC. 3. SALL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING R DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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I		No.	1	TI NAME OF THE PARTY OF THE PAR	ナー	AL.	S S
ŀ	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	24.0"	1.25	55.0 PSF	0.0 PSF	10.0 PSF	15.0 PSF	30.0 PSF
	JREF- 1T7D8228Z01	FROM AH	SEQN- 22677	HC-ENG CC/AP	DRW HCUSR8228 07135071	DATE 05/15/07	REF R8228- 1590

Scale =.5"/Ft.

(7-100--Isaac Construction NICK PATEL FLOOR

וווגט עחת רחברתחבני וחטי כעשרטובה וחדטו (בנחשט ס עותבחטונים) טעטתווובט פו וחששט אות.

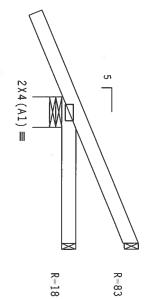
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures

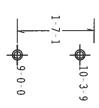
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 7-02, CLOSED bldg, Located TC DL-7.5 psf, wind BC

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



R-83 U-17





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

PLT

TYP.

Wave

\*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLINED, SHIPPING, INSTALLING AND BRACING.
REFER TO BESS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218
MORIH LEE STREE!, SUITE 312, ALEXANDRIA, VA. 22314) AND MTCA (MODD TRUSS COUNCIL OF AMERICA. 6300
EMPERAPISE LAKE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

Haines City, FL 33844

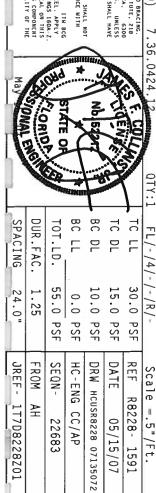
"ifficate "orizatic " " \*\*IMPORTANT\*\*FURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. THY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI: OR FABRICATING, HANDLURG, SHPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SECC. BY AREA) AND TPI.

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE (COATED ON THIS DESIGN, POSITION PER DRAWHOS 180A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI1-200S ECC. 3. A SEAL ON THIS DESIGN SECC. BY ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI1-200S ECC. 3. A SEAL ON THIS DRAWHIGH INSTALLATES ACCEPTANCE OF PROFESSIONAL EMBLIES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TPI1-200S ECC. 3. A SEAL ON THIS DRAWHIGH INSTALLATES ACCEPTANCE OF TRUSS SHOWN.

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

ALPINE



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05/15/07

PLT TYP. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Hipjack supports 3:4-0 setback jacks with no webs. Wind reactions based on MWFRS pressures. Top chord 2x4 Bot chord 2x4 (7-100--Isaac Construction Haines City, FL 33844

"I Catificate of Authorization 44 547 ALPINE Wave Sp Sp Sp #2 Dense #2 Dense \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFERRS HITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY ASEA), AND TPI. TILL BGG CONNECTOR PLATES ARE HADE OF 20/18/166A (M.H.YS/K), ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAAHDAS 166A-Z. PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAAHDAS 166A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1.2002 SEC.3. A SEAL ON THIS BUILDING DESIGNER PER DESIGN SHOWN. THE SUITA \*\*WARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. RETER TO BOSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 317, ALEXANDRIA, VA. 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERMISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE NICK PATEL FLOOR 2-4-5 Design Crit: 3.54 3X4(A1) =R-312 U-20 W-10.607" HJ3A) -4-8-9 Over 3 Supports TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 110 mph wind, 15.00 ft mean hgt, ASCE anywhere in roof, CAT II, EXP B, wind DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" 0C, BC @ 24" 0C. 7.36.042 R=21 R=113 U=15 May CORIOR ۵ 8 10-5-0 TC LL BC LL BC DL TC DL SPACING DUR.FAC TOT.LD. FL/-/4/-/-/R/-7-02, CLOSED bldg, Located TC DL=7.5 psf, wind BC 55.0 15.0 PSF 30.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF PSF JREF-FROM DATE REF SEQN-HC-ENG DRW HCUSR8228 07135073 Scale =.5"/Ft. R8228-1T7D8228Z01 CC/AP 22692 05/15/07 1592

(7-100--Isaac Construction NICK PATEL FLOOR

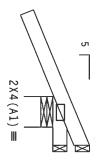
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense

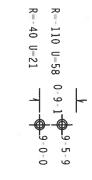
Wind reactions based on MWFRS pressures.

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110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-7.5 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)=0.18

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





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

PLT TYP.

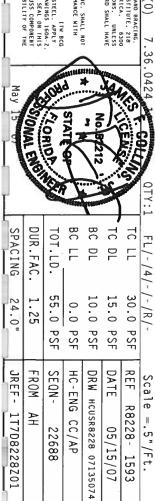
Wave

\*\*MARNING\*\* TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 3127, ALEXANDRIA, VA, 22214) AND VITAC (MODO TRUSS COUNCIL OF AMERICA. 6300 CHIERRRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

Haines City, FL 33844
For Conficate of Anthorization # 547 \*\*IMPORTANT\*\*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FABRICATION, HANDLIGS MIPPIG, INSTALLING & BRACING OF TRUSSES.

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ALPINE



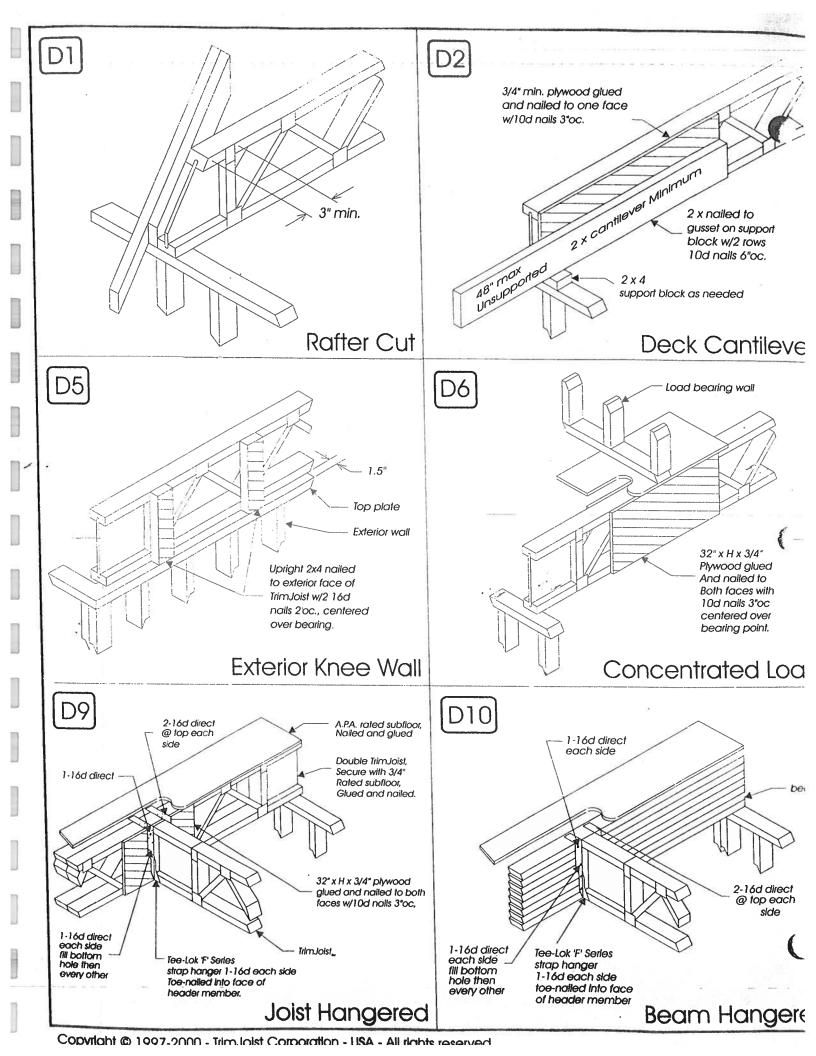
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The *uniform load* span charts below indicate the maximum design spans (including a 1½" minimum bearing at each end) for each family of *Trim*Joist floor joists. Each chart is divided into columns which represent common design loadings and rows which show typical spacings. Most residential designs require a minimum of 55 psf loading. Floors used for heavy traffic and/or heavy floor coverings (e.g. Tile) should be designed at 60 psf minimum. All loads are broken down into *Live*, *Top-dead* and *Bottom-dead* components. For example, the 55 psf column is really 40 psf live plus 10 psf top-dead plus 5 psf bottom-dead for a total of 55 psf. Dead loads are the weight of construction materials and are always present for the whole life of the structure. Live loads, on the other hand, are transient and are never constant over the life of the structure. Select the appropriate column based on the *dead* loads of your construction materials. These charts are for *uniformly loaded*, *clear span*, *simply supported* joists. For special applications requiring concentrated loads, asymmetric continuous loads, cantilevers, or special bearing conditions please consult a *Trim*Joist representative or authorized dealer. The TPDS computer program can be used to analyze almost any loading and/or bearing condition.

Deep	Lo	ading	55 PSF (40/10/5)	60 PSF (40/10/10)
<u> </u>		12	24'- 0" L/589	24'- 0" L/589
11 1/2	ing	16	23'- 1" L/455	23'- 1" L/455
Ì	Spac	19.2	21'- 9" L/454	21'- 9" L/454
	6	24	20'- 5" L/461	20'- 0" L/465

16" Deep	Loading		55 PSF (40/10/5)	60 PSF (40/10/10)
		12	28'- 0" L/731	28'- 0" L/731
	Spacing	16	28'- 0" L/549	28'- 0" L/549
		19.2	28'- 0" L/458	27'- 5" L/486
		24	26'- 0" L/456	26'- 0" L/456

D D	12	26'- 0" L/688	26'- 0" L/688
cing	16	26'- 0" L/515	26'- 0" L/515
Spa	19.2	25' - 7" L/450	25'- 7" L/450
	24	23'- 8" L/451	23'- 8" L/451

dee	12	30'- 0" L/768	30'- 0" L/768
ing	16	30'- 0" L/575	30'- 0" L/575
Spac	19.2	30'- 0" L/479	29'-10" L/488
O	24	27'- 4" L/504	26'- 5" L/579

### Notes on Span Charts:

- 1. Spans are based on uniformly loaded joists and include allowances for repetitive use members.
- 2. Live loads of 40 psf are assumed, Additional dead loads should be chosen based on construction materials.
- 3. All TrimJoist floor joists have a TOP orientation and should not be installed upside-down.
- 4. Stiffness factors (L/xxx) assume a minimum %-inch span-rated subfloor that has been both glued and nailed.
- 5. Limit total reaction (per end) to that indicated in the Maximum Reaction Table at the right.
- Do not apply center supports, cantilevers, concentrated, or asymmetrical continuous loads without first consulting a *Trim*Joist representative.

### Maximum Reaction Table

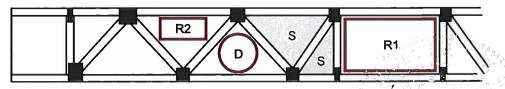
Width	11/2	31/2	51/2
Мах	3000	3500	4000

Width is the width of the loaded wall above, or the bearing wall width whichever is less.

A Note About Floor Stiffness: Floor performance is greatly influenced by joist stiffness. Experience has shown that a floor system designed to minimum code acceptance may not meet the expectations of discerning owners. *Trim*Joist Corporation strongly recommends that floor spans be limited to those indicated in the charts above. The numbers in these charts far exceed minimum code requirements and are based on both gluing *and* nailing the subfloor. In cases where the subfloor is nailed only, spans remain the same, but the stiffness must be reduced by 20%. For optimal performance use screws in lieu of nails.

### **Opening Sizes**

	J12	J14	J16	J18
н	111/4"	14"	16"	18"
D	5"	8"	9"	10"
R1	8x16	10x24	12x24	14x24
R2	4x9	4x10 6x6	4x12 6x8	4x14 6x10 8x8

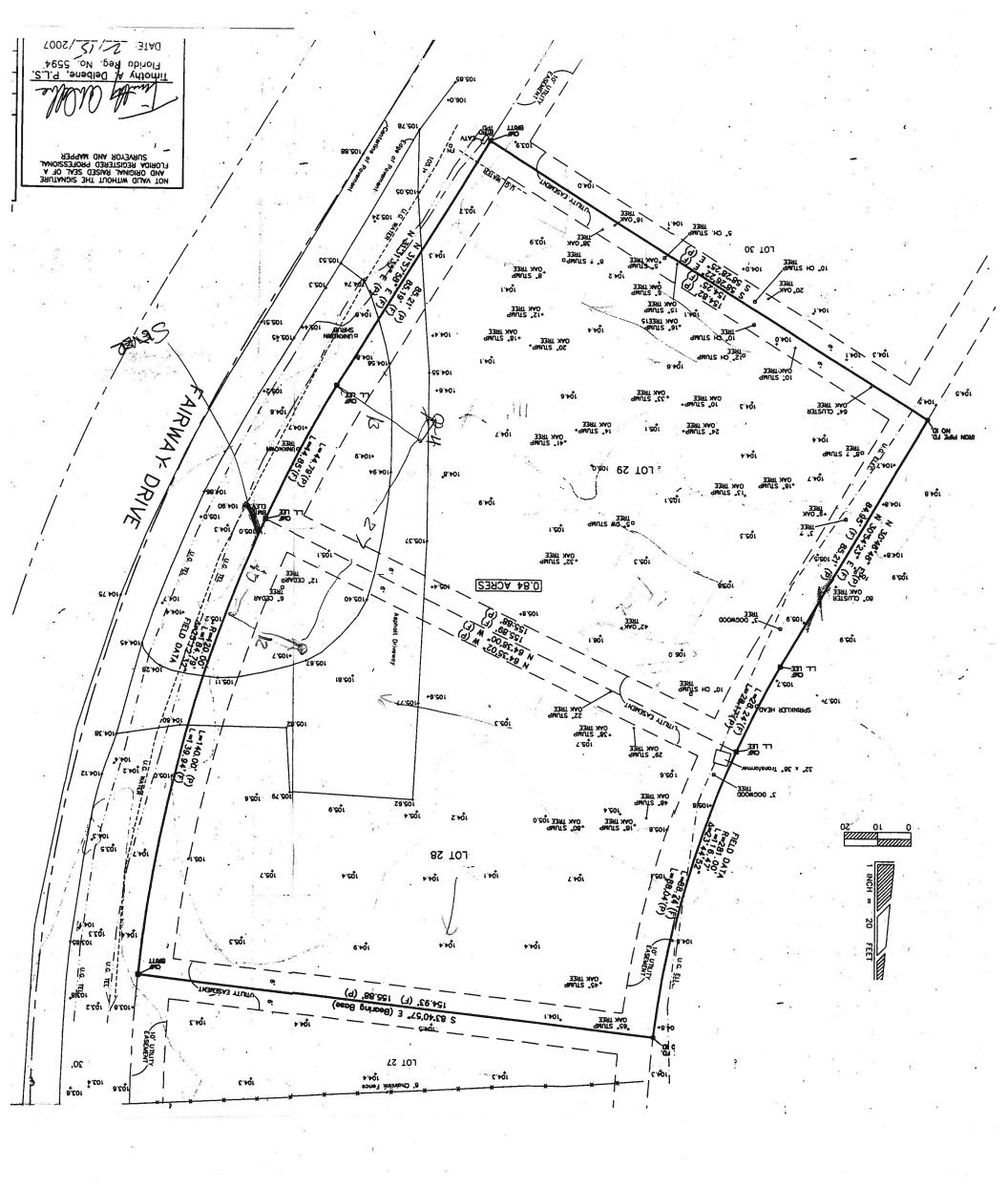


- 1. All sizes given are in inches and denote maximum expected clearance
- 2. Rectangular opening (R1) is provided at centerline of stock length.
- 3. Only opening D available in 4' stock length (one opening only).
- 4. Only opening R1 available in 6' and 8' stock length.
- 5. Openings R2 & D not applicable in shaded areas (s).

### **Good Framing Practice...**

- DO Install TrimJoists right side up. TOP is stamped on the top of each joist.
- **DO** Make sure that each *Trim*Joist bears on the bottom flange beneath the *Trim*End section or beneath the first metal plate if the *Trim*End section has been removed.
- **DO** Use strongback stiffeners. Although not required for structural performance, strongback adds additional resistance to impact loadings.
- **DO** Provide appropriate bearing width at each end of the *Trim*Joist. The required width can be found in the Maximum Reaction Table above. Use vertical web stiffeners where reactions exceed these values.
- **DO** Use *Trim* Joist approved hangers for flush-mounted bearing conditions. These may be purchased from your local *Trim* Joist dealer.
- **DO** Use an appropriately rated sub-floor that has been both glued and nailed/screwed to the top flange of the *Trim*Joist.
- **DO** Consult your *Trim* Joist dealer or representative about special loading or bearing conditions not addressed in this Application Guide.

- **DO NOT** cut any part of the *Trim*Joist except for the *Trim*End sections which are specifically designed to be field cut.
- **DO NOT** remove, cut or alter any metal plate connector on the *Trim*Joist without first consulting a factory engineer.
- **DO NOT** install the *Trim*Joist upside down without first consulting a *Trim*Joist factory engineer.
- **DO NOT** use a *Trim*Joist as a header or beam except as may be instructed by a *Trim*Joist engineer.
- **DO NOT** allow the *Trim* Joist to be supported by the top flange. All support must be from under the bottom flange.
- **DO NOT** depend on "toe nailing" to provide adequate support capacity for flush-mounted framing. Consult your local *Trim* Joist dealer or a *Trim* Joist factory engineer for proper hanger selection.
- **DO NOT** apply special support or load conditions without first consulting a *Trim*Joist representative.



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