This Permit Must Be Prominently Poster	d on Premises During Construction 000026175
APPLICANT STEPHANIE KIRKLAND	PHONE 352-271-6262
ADDRESS 240 NW 44TH STREET	GAINESVILLE FL 32607
OWNER RICHARD & XENE NELSON	PHONE 352-213-0934
ADDRESS 691 SW ROCK WAY	FORT WHITE FL 32038
CONTRACTOR STEPHANIE KIRKLAND	PHONE 352-271-6262
LOCATION OF PROPERTY 441 S, R 778, R ROCK WAY OF	N THE CORNER OF BOULDER AND
ROCK WAY	
TYPE DEVELOPMENT SFD,UTILITY E	STIMATED COST OF CONSTRUCTION 172200.00
HEATED FLOOR AREA 3444.00 TOTAL AR	REA 4495.00 HEIGHT 16.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED	ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING A-3	MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00	0 REAR 25.00 SIDE 25.00
•	
NO. EX.D.U. 1 FLOOD ZONE X	DEVELOPMENT PERMIT NO.
PARCEL ID 07-7S-17-09932-000 SUBDIVISION S	ON
LOT BLOCK PHASE UNIT	0 TOTAL ACRES 34.20
000001441 CGC1509604	
Culvert Permit No. Culvert Waiver Contractor's License Nu	umber Applicant/Owner/Contractor
WAIVER 07-0646 BK	JH N
Driveway Connection Septic Tank Number LU & Zor	ning checked by Approved for Issuance New Resident
COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON	FILE
WEST HALF OF PROPERTY DEDICATED TO THIS SFD	
TOMMY WHIGHAM INQUIREDPERMIT EXPIRED	Check # or Cash 1567
FOR BUILDING & ZONI	ING DEPARTMENT ONLY (footer/Slab)
Temporary Power 09/13/2007 RJ Foundation 09/1	4/2007 RJ Monolithic
date/app. by	date/app. by date/app. by
Under slab rough-in plumbing 12/28/2007 RJ Slab	
date/app. by	date/app. by date/app. by
Framing Insulation date/app. by	ate/app. by
	Electrical rough-in
Rough-in plumbing above slab and below wood floor	date/app. by date/app. by
Heat & Air Duct Peri. beam (Lin	auto-approx
date/app. by	date/app. by date/app. by
Permanent power C.O. Final	date/app. by Culvert date/app. by
	downs, blocking, electricity and plumbing
date/app. by date/app. by	date/app. by
Reconnection RV date/app. by	date/app. by Re-roof date/app. by
BUILDING PERMIT FEE \$ 865.00 CERTIFICATION F	EE \$ 22.48 SURCHARGE FEE \$ 22.48
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.0	
FLOOD DEVELOPMENT FEE \$ 0.00 FLOOD ZONE FEE \$ 25	
INSPECTORS OFFICE	CLERKS OFFICE

Columbia County Building Permit

DATE 08/28/2007

PERMIT

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

PERMIT Columbia County Building Permit This Permit Must Be Prominently Posted on Premises During Construction 000024788 PHONE 288-2428 APPLICANT WENDY GRENNELL SW OLD WIRE RD FT. WHITE 32038 ADDRESS 3104 **RICHARD & ZENE NELSON PHONE** 352 213-0934 **OWNER** 32038 **ADDRESS** 199 SW BOULDER GLEN FT. WHITE FL CONTRACTOR **CHESTER KNOWLES PHONE** LOCATION OF PROPERTY 441S, TR ON CR 778, TR ON ROCK WAY, TR ON BOULDER, FOLLOW DRIVE VEERS OFF TO LEFT ESTIMATED COST OF CONSTRUCTION 0.00 TYPE DEVELOPMENT MH, UTILITY **STORIES** HEATED FLOOR AREA 0.00 TOTAL AREA 0.00 HEIGHT 0.00 **FLOOR FOUNDATION** WALLS **ROOF PITCH** A-3 MAX. HEIGHT 0 LAND USE & ZONING Minimum Set Back Requirments: STREET-FRONT 30.00 **REAR** 25.00 SIDE 25.00 NO. EX.D.U. DEVELOPMENT PERMIT NO. FLOOD ZONE X SUBDIVISION PARCEL ID 07-78-17-09932-000 LOT **BLOCK PHASE UNIT** TOTAL ACRES 31.42 IH0000509 Culvert Waiver Culvert Permit No. Contractor's License Number Applicant/Owner/Contractor PRIVATE 06-0625-N JH New Resident Approved for Issuance LU & Zoning checked by **Driveway Connection** Septic Tank Number COMMENTS: ONE FOOT ABOVE THE ROAD 444 Check # or Cash FOR BUILDING & ZONING DEPARTMENT ONLY (footer/Slab) Temporary Power Monolithic date/app. by date/app. by date/app. by Under slab rough-in plumbing Slab Sheathing/Nailing date/app. by date/app. by date/app. by Framing Insulation date/app. by date/app. by Electrical rough-in Rough-in plumbing above slab and below wood floor date/app. by date/app. by Heat & Air Duct Peri. beam (Lintel) Pool date/app. by date/app. by date/app. by

INSPECTORS OFFICE

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

C.O. Final

CERTIFICATION FEE \$

date/app. by

ZONING CERT. FEE \$

Permanent power

Pump pole

Reconnection

MISC. FEES \$

date/app. by

date/app. by

date/app. by

200.00

BUILDING PERMIT FEE \$

Utility Pole

0.00

FLOOD DEVELOPMENT FEE \$ 0.00 FLOOD ZONE FEE \$ 25.00

"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."

date/app. by

date/app. by

50.00 FIRE FEE \$ 24.78

0.00

CULVERT FEE \$

Culvert

Re-roof

SURCHARGE FEE \$

WASTE FEE \$

TOTAL FEE

M/H tie downs, blocking, electricity and plumbing 08/04/2006

date/app. by

date/app. by

0.00

336.53

36.75

date/app. by

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

DATE 08/28/2007	Columbia County	Building Peri	nit PERMIT
	This Permit Expires One Y	ear From the Date of Is	sue 000026175
APPLICANT STEPHANIE	KIRKLAND		52-271-6262
ADDRESS 240 N	W 44TH STREET	GAINESVILLE	FL 32607
OWNER RICHARD &	XENE NELSON	_	52-213-0934
ADDRESS 691 S	W ROCK WAY	FORT WHITE	<u>FL</u> <u>32038</u>
CONTRACTOR STEPHA	ANIE KIRKLAND	PHONE 3	52-271-6262
LOCATION OF PROPERTY	441 S, R 778, R ROCK WAY O	N THE CORNER OF BOULDI	ER AND
	ROCK WAY		
TYPE DEVELOPMENT	SFD,UTILITY E	STIMATED COST OF CONST	TRUCTION 172200.00
HEATED FLOOR AREA	3444.00 TOTAL AF	REA 4495.00	HEIGHT 16.00 STORIES 1
FOUNDATION CONCRE	TE WALLS FRAMED	ROOF PITCH 6/12	FLOOR SLAB
LAND USE & ZONING	A-3	MAX. HE	EIGHT 35
Minimum Set Back Requirmen	ots: STREET-FRONT 30.0	0 REAR 25.	00 SIDE 25.00
NO. EX.D.U. 1	FLOOD ZONE X	DEVELOPMENT PERMIT	NO
PARCEL ID 07-7S-17-099	32-000 SUBDIVISI	ON	
LOT BLOCK	PHASE UNIT	TOTAL A	ACRES 34.20
000001441	CGC1509604	01/2	i Wicking
	lvert Waiver Contractor's License Nu	ımber Anni	icant/Owner/Contractor
WAIVER 07-	-0646 BK	JH	N
Driveway Connection Sep	otic Tank Number LU & Zon	ing checked by Approve	d for Issuance New Resident
COMMENTS: FLOOR ONE	FOOT ABOVE THE ROAD, NOC ON	FILE	-
WEST HALF OF PROPERTY	DEDICATED TO THIS SFD		
WEST HALF OF PROPERTY	DEDICATED TO THIS SFD	Ch	eck # or Cash 1567
WEST HALF OF PROPERTY	FOR BUILDING & ZONI		II V
WEST HALF OF PROPERTY Temporary Power		NG DEPARTMENT ON	OOK # OI CUSII
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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 Date Received For Office Use Only Application # Application Approved by - Zoning Official 5 Date 6.0807 Plans Examiner OK 57# Flood Zone **Development Permit** Zonina Land Use Plan Map Category Comments NOC WEH Deed or PA Site Plan State Road Info Aparent Parcel #

Development Permit Name Authorized Person Signing Permit Owners Name Contractors Name Fee Simple Owner Name & Address 7(1) Bonding Co. Name & Address Architect/Engineer Name & Address NIA Mortgage Lenders Name & Address Circle the correct power company - FL Power & Light (Clay Elec.) Suwannee Valley Elec. - Progressive Energy Property ID Number 07-75-17-0932-000 HX Estimated Cost of Construction **Subdivision Name Driving Directions** Framed SF Type of Construction **Number of Existing Dwellings on Property** Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Lot Size ____ Actual Distance of Structure from Property Lines - Front Side Total Building Height **Number of Stories** Heated Floor Area Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. Owner Builder or Authorized Person by Notarized Letter Contractor Signature Contractors License Number CGC 1509604 STATE OF FLORIDA LAURIE HODSONCOMPITENCY Card Number
MY COMMISSION # DD 3360 TARY STAMP/SEAL **COUNTY OF COLUMBIA** EXPIRES: June 28, 2008 Sworn to (or affirmed) and subscribed befol or Produced Identification **Notary Signature** (Revised Sept. 2006) of MED to Be



0708-29

Print

Columbia County Property Appraiser DB Last Updated: 8/2/2007

2007 Proposed Values

Tax Record Property Card Interactive GIS Map **New Super Homestead Taxable Value Calculator**

Parcel: 07-7S-17-09932-000 HX

Owner & Property Info

Search Result: 1 of 1

Owner's Name	NELSON RICHA	NELSON RICHARD L &			
Site Address	BOULDER				
Mailing Address	XENE NELSON 199 SW BOULDER GLN FT WHITE, FL 32038				
Use Desc. (code)	IMPROVED A (005000)				
Neighborhood	7717.00	Tax District	3		
UD Codes	MKTA02	Market Area	02		
Total Land Area	34.220 ACRES				
Description	SE1/4 OF NW1/4, EX 1 ACRE DESC ORB 1095- 2754 & EX THAT PART LYING WEST OF COUNTY MAINTAIN ED RD DESC ORB 1044-2395 WD 1089- 2445				



Property & Assessment Values

Mkt Land Value	cnt: (2)	\$105,320.00
Ag Land Value	cnt: (2)	\$3,417.00
Building Value	cnt: (1)	\$83,984.00
XFOB Value	cnt: (3)	\$3,816.00
Total Appraised Value		\$196,537.00

Just Value		\$295,120.00
Class Value		\$196,537.00
Assessed Value		\$196,537.00
Exempt Value	(code: HX)	\$25,000.00
Total Taxable Value		\$171,537.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
7/14/2006	1089/2445	WD	٧	Q		\$279,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bidg Value
1 (SFR MANUF (000200)	2006	Vinyl Side (31)	2280	2280	\$83,984.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Bit	Value	Units	Dims	Condition (% Good)
0020	BARN,FR	0	\$200.00	1.000	0 x 0 x 0	(.00)
0296	SHED METAL	2006	\$2,016.00	288.000	12 x 24 x 0	(.00)
0190	FPLC PF	2006	\$1,600.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
1					

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:

8/8/2007

DATE ISSUED:

8/15/2007

ENHANCED 9-1-1 ADDRESS:

691

SW ROCK

WAY

FORT WHITE

FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

07-75-17-09932-000

Remarks:

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.

909

Approved Address

AIIG 1 5 2007

911 Addressing/GIS Dept

NOTICE OF COMMENCEMENT FORM COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. Tax Parcel ID Number 07-75-17-09932 1. Description of property: (legal description of the property and street address or 911 address) 2. General description of improvement: 3. Owner Name & Address Interest in Property 4. Name & Address of Fee Simple Owner (if other than owner) 5. Contractor Name **Phone Number** Address 6. Surety Holders Name Phone Number Amount of Bond _____. Inst:200712018136 Date:8/10/2007 Time:11:50 AM DC,P.DeWitt Cason ,Columbia County Page 1 of 1 ne Number_ 7. Lender Name ____ Address 8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes: Name Phone Number Address 9. In addition to himself/herself the owner designates ______ Todd Kir Klama ock Solic Bldr S LC to receive a copy of the Lien Notice as provided in Section 713.13 (1) -(a) 7. Phone Number of the designee B52) 665-0400 10. 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) THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD. Sworn to (or affirmed) and subscribed before day of NUNE 76 12

NOTARY STAMP/SEAL

ROBERT L. WALTERS
MY COMMISSION # DD 254474
EXPIRES: September-29, 2007
Bondod Thru Notary Public Underwriters

FLORIDA DLE FOR XENE NELSON:

Signature of Notary

VENT NOTE - NUTY- 9111.77. 789 TO

This Warranty Deed

Made this 14th day of July, 2006 by ELOUISE LUMPKIN and BETTY G. SCOTT

hereinafter called the grantor, to RICHARD L. NELSON AND XENENELSON, HUSBAND AND WIFE

whose post office address is:

8316 NW 2 PLACE, GAINESVILLE, FL 32607

8316 NW 2 PLACE



hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and

Witnesseth, that the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, stiens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in COLUMBIA County, Floride, viz:

"SEE EXHIBIT A ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF."

Subject to covenants, restrictions, easements of record and taxes for the current year.

SUBJECT PROPERTY IS NOT THE HOMESTEAD OF GRANTORS.

Parcel Identification Number: 07-78-17-09932-000 and 07-78-17-09934-000

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 grantor hereby covenants with said grantee that the grantor is lawfully setzed of said lend in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the little 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

in Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Chrot Rhoh	
Witness: (Signature) Print Name: Hubtat & Well A	
Print Name: I-Inbeat R Wellian	25
hat Chi	,
Witness: (Signature) Print Name: Charle C.Di	V -
Maria Janks	~ 01

Witness: (Signature

Witness: (Signature) Print Name:

ELOUISE LUMPKIN 2739 SOUTH WEST COUNTY ROAD 778 FT. WHITE, FL 32038

387 WINSPEAR AVENUEBUFFALO, NY 14215

State of New York County of

Print Name:

sciffpwedged before me this day of July, 2006, by BETTY G. SCOTT, who is personally known to me or as identification.

NOTARY PUBLIC (highburle) VE OF Print Name: MACTIVE OF ANY Commission Expires: DC 77, 7224 Stamp/Seal:

NOTARY PUBLIC, STATE OF HEW YORK ID No. 01V(0130118 QUALIPIED IN BRIE COUNTY MY COMMISSION EXPIRES 12/21/20 24

Prepared by: Charlotte Dixon
Professionals' Title Company, LLC 4141 NW 37th PI Gainesville, FL 32606 File Number: 581060102

incident to the issuance of a title insurance contract. WARRANTYDEED, dot

STATE OF FLORIDA COUNTY OF ALACHUA

--, --, ----

The foregoing instrument was executed before me this 17th day of July, 2006 by ELOUISE LUMPKIN, who is personally known to me or has provided a drivers license as identification

NOTARY PUBLIC (signature)
Print Name:

My Commission Expires: Stamp/Seal:

CHARLOTTE C. DIXON CHARLOTE C. DIXON
Notary Public - State of Florida
My Commission ® DD179033
Bonded By Notional Notary Assn.

notnowit.dat rev. 7/17/2006 pl 4 . J. W.

HELICOLIS BUTENTIAN

EXHIBIT A

SE1/4 OF NW1/4, SECTION 7, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

LESS AND EXCEPT THE FOLLOWING DESCRIBED PROPERTY:

BEGIN AT THE SW CORNER OF SE 1/4 OF NW 1/4, RUN E. 210 FEET FOR POB; RUN N. 210 FEET, E. 210 FEET, S 210 FEET, W. 210 FEET TO POB. ALL LYING AND BEING IN SECTION 7, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

ALSO, LESS:

A PART OF THE EAST 1/2 OF THE NW 1/4 OF SECTION 7, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE SW CORNER OF THE EAST 1/2 OF SAID NW 1/4 AND RUN N 02°14'14" E, ALONG THE WEST LINE OF THE EAST 1/2 OF SAID NW 1/4 A DISTANCE OF 1320.78 FEET; THENCE N 86°24'50" E. A DISTANCE OF 124.97 FEET TO THE MAINTAINED RIGHT-OF-WAY LINE OF A ROCK ROAD; THENCE S 00°05'25" B, ALONG SAID ROAD A DISTANCE OF 1325.14 FEET TO THE SOUTH LINE OF SAID NW 1/4; THENCE S 88°08'42" W, A DISTANCE OF 75.30 FEET TO THE POINT OF BEGINNING.

ALSO, LESS AND EXCEPT ROAD RIGHT OF WAY.

Columbia County Property Appraiser DB Last Updated: 8/2/2007

2007 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Search Result 1 of 1

New Super Homestead Taxable Value Calculator

Parcel: 07-7S-17-09932-000 HX

Print

Owner & Property Info

Owner's Name	Nelson Richard L &			
Site Address	BOULDER			
Mailing Address	Xene Nelsom 199 Swiboulder Glin FT White, Fl. 32038			
Use Desc. (code)	IMPROVED A (005000)			
Neighborhood	7717.90 Tax District 3			
UD Codes	MIKTAG2 Market Area 02			
Total Land Area	34.220 ACRES			
Description	& EX THAT PA	1/4, EX 1 ACRE DESC ART LYMIG WEST OF CO ORB 1044-2395 WD 10	MIATMIAM YTMUC	

GIS Aerial



Property & Assessment Values

Mkt Land Value	ont: (2)	\$105,320.00
Ag Land Value	ant: (2)	\$3,417.00
Building Value	ant: (1)	\$83,984.00
XFOB Value	ant; (3)	\$3,816.00
Total Appraised Value		\$196,537.00

Just Value		\$295,120.00
Class Value		\$196,537.00
Assessed Value		\$196,537.00
Exempt Value	code HX)	\$25,000.00
Total Taxable Value		\$171,537.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
7/14/2006	1089/2445	WID	V	Q		\$279,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt Ext. Walls		Heated S.F.	Actual S.F.	Bldg Value	
1	SFR MANUF (000200)	2006 Vinyl Side (3		2280	2280	\$83,984.00	
Note: All S.F. calculations are based on exterior building dimensions.							

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0020	BARN,FR	9	\$200.00	1.000	0 x 0 x 0	(.00)
0296	SHED METAL	2006	\$2,016.00	288.000	12 x 24 x 0	(.00)
0190	FPLC PF	2006	\$1,600.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

ı	Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
-						

000200	MBL HM (MKT)	17.220 AC	1.00/1.00/1.00/1.00	\$6,000.00	\$103,320.00
006200	PASTURE 3 (AG)	8.500 AC	1.00/1.00/1.00/1.00	\$180.00	\$1,530.00
005500	TIMBER 2 (AG)	8.500 AC	1.00/1.00/1.00/1.00	\$222.00	\$1,887.00
009910	MKT.VAL.AG (MKT)	17.000 AC	1.00/1.00/1.00/1.00	\$0.00	\$102,000.00
009945	WBUL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 8/2/2007

1 of 1

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a work in progress and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

Notice:

Under Florida Law, e-mail addresses are public record. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead contact this office by phone or in writing.

Scroll to Top

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STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION AC# 근, 나 마 나 글 라

06/08/06 050812204

CGC1509604

CERTIFIED GENERAL CONTRACTOR KIRKLAND, STEPHANIE ALYEEN ROCK SOLID BUILDERS LLC

IS CERTIFIED under the provisions of Ch. 489 FS. Expiration date: AUG 31, 2008

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Roc Address: City, State: , Owner: Climate Zone: Nor	ck Solid - Nelson Res. th		Builder: Permitting Office: Permit Number: Jurisdiction Number:	Rock Solid Builders Court mg 12 22/000
a. U-factor:	mily Single far -family 27 277: abel reqd. by 13-104.4.5 if not defau	nily a. C 1 b. C Yes c. N 13. H 13. H 13. H 14. H 15. E 14. H 16. E 16. N 16. E 17. C. C 18. H 18. E 19. H 1	leating systems lectric Heat Pump lectric Heat Pump l/A lot water systems lectric Resistance	Cap: 18.0 kBtu/hr
Glass/Floo	JI ATEST UTIA	-built points: 3 base points: 3	D/C	S

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

PREPARED BY:

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

OWNER/AGENT:

DATE:

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



BUILDING	OFFICIAL:	 _
DATE.		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: ,,, PERMIT #:

В	ASE				AS-E	3UI	LT				Mria -	
GLASS TYPES .18 X Conditioned Floor Area	X BSPM =	Points	Type/SC (rhang Len I		Area :	X S	SPN	1 X	SOF	= Points
.18 2775.0	18.59	9286.0	1.Double, Clear 2.Double, Clear 3.Double, Clear 4.Double, Clear As-Built Total:	E S W	0.0	0.0 0.0 0.0 0.0	172.0 16.0 157.0 30.0	;	42.0 35.8 38.5 19.2	7 2	1.00 1.00 1.00 1.00	7234.0 573.0 6048.0 575.0
	o.0 0.00 7.0 1.70	0.0 4482.9	Type 1. Frame, Wood, Exterior			alue 3.0		ea	х	SPM 1.50	=	Points 3955.5
	rea X BSPM	4482.9	As-Built Total:				2637.0					3955.5
Adjacent	0.0 0.00 1.0 6.10	0.0 372.1	Type 1.Exterior Insulated				61.0	ea ——		SPM 4.10	=	Points 250.1
Base Total:	61.0	372.1	As-Built Total:				61.0					250.1
CEILING TYPES A	rea X BSPM	= Points	Туре	F	R-Value	Α	rea X	SF	M >	(SC	VI =	Points
Under Attic 2775 Base Total: 27	75.0 1.73	4800.8 4800.8	Under Attic Under Attic As-Built Total:		30 19	.0	2775.0 350.0 3 125.0		'3 X ' 4 X '			4800.8 819.0 5619.8
FLOOR TYPES A	ea X BSPM	= Points	Туре		R-Va	lue	Area	a Z	X S	SPM	=	Points
Slab 256.00 Raised 0	(p) -37.0 .0 0.00	-9472.0 0.0	1. Slab-On-Grade Edge Insulation	on	0.	0 2	56.0(p		-41	.20		-10547.2
Base Total:		-9472.0	As-Built Total:				256.0					-10547.2
INFILTRATION Ar	ea X BSPM	= Points					Area	зΧ		SPM	=	Points
27	75.0 10.21	28332.8				The second	2775.	.0	1	0.21		28332.8

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	DEDIAT 4.
ADDITEOU. , , ,	PERMIT #:

BASE			AS-BUILT				
Summer Ba	se Points:	37802.5	Summer As-Built Points:	42040.9			
Total Summer Points	X System Multiplier	= Cooling Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Cooling Points			
			(sys 1: Central Unit 18000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)				
			42041 0.33 (1.09 x 1.147 x 0.91) 0.260 1.000 (sys 2: Central Unit 36000btuh ,SEER/EFF(13.0) Ducts: None	4145.3			
37802.5	0.3250	12285.8	42041 0.67 (1.00 x 1.147 x 1.00) 0.260 1.000 42040.9 1.00 1.138 0.260 1.000	8290.6 12435.9			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

	
ADDRESS: ,,,	PERMIT #:

BASE			AS-	BUI	LT				
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area	Type/SC (Ove Ornt	rhang Len		Area X	WI	PM X	. WO	= = Points
.18 2775.0 20.17 10075.0	1.Double, Clear	Ε	0.0	0.0	172.0	18	79	1.00	3232.0
	2.Double, Clear	S	0.0	0.0	16.0		.30	1.00	212.0
	3.Double, Clear	W	0.0	0.0	157.0		.73	1.00	3254.0
	4.Double, Clear	N	0.0	0.0	30.0	24.	.58	1.00	737.0
	As-Built Total:	- 11			375.0				7435.0
WALL TYPES Area X BWPM = Points	Туре		R-	Value	Area	Χ	WPI	V1 =	Points
Adjacent 0.0 0.00 0.0	1. Frame, Wood, Exterior			13.0	2637.0		3.40	1	8965.8
Exterior 2637.0 3.70 9756.9									
Base Total: 2637.0 9756.9	As-Built Total:				2637.0				8965.8
DOOR TYPES Area X BWPM = Points	Туре				Area	X	WPI	Vi =	Points
Adjacent 0.0 0.00 0.0	1.Exterior Insulated	-			61.0		8.40		512.4
Exterior 61.0 12.30 750.3									
Base Total: 61.0 750.3	As-Built Total:				61.0				512.4
CEILING TYPES Area X BWPM = Points	Туре	R	-Value	. Ar	ea X W	PM	x w	CM =	Points
Under Attic 2775.0 2.05 5688.8	1. Under Attic			30.0	2775.0	2.05	X 1.00		5688.8
	2. Under Attic			19.0	350.0	2.70	X 1.00		945.0
Base Total: 2775.0 5688.8	As-Built Total:				3125.0				6633.8
FLOOR TYPES Area X BWPM = Points	Туре		R-	Value	Area	Х	WPI	v1 =	Points
Slab 256.0(p) 8.9 2278.4	1. Slab-On-Grade Edge Insula	tion		0.0	256.0(p		18.80		4812.8
Raised 0.0 0.00 0.0									
Base Total: 2278.4	As-Built Total:				256.0				4812.8
INFILTRATION Area X BWPM = Points					Area	Х	WPI	Л =	Points
2775.0 -0.59 -1637.2			alathires a	and the same of	2775.0		-0.59	9	-1637.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

	<u> </u>	
ADDRESS: , , ,		PERMIT #:

BASE			AS-BUILT						
Winter Base	Points:	26912.1	Winter As-Built Points:	26722.5					
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Heating Points					
			(sys 1: Electric Heat Pump 18000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Int(Al	H),R6.0					
			26722.5 0.333 (1.069 x 1.169 x 0.93) 0.443 1.000	4584.5					
			(sys 2: Electric Heat Pump 36000 btuh ,EFF(7.7) Ducts: None						
26912.1	0.5540	14909.3	26722.5 0.667 (1.00 x 1.000 x 1.00) 0.443 1.000 26722.5 1.00 1.162 0.443 1.000	7843.5 13753.6					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE						AS-BUILT							
WATER HEA Number of Bedrooms	X X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier	X Credit Multiplie		
4	_	2635.00		10540.0	1.0	0.92	4		1.00	2635.00	1.00	10540.0	
					As-Built To	otal:						10540.0	

	CODE COMPLIANCE STATUS												
BASE				AS-BUILT									
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
12286		14909		10540		37735	12436		13754		10540		36729

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:
	

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked 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.	1
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* = 84.9

The higher the score, the more efficient the home.

				• •			
I.	New construction or existing	New	,	12.	Cooling systems		
2.	Single family or multi-family	Single family			Central Unit	Cap: 18.0 kBtu/l	hr
3.	Number of units, if multi-family	1				SEER: 13.00	
4.	Number of Bedrooms	4	_	b.	Central Unit	Cap: 36.0 kBtu/l	
5.	Is this a worst case?	Yes	_			SEER: 13.00	
6.	Conditioned floor area (fl ²)	2775 ft²		c.	N/A		
7.	Glass type i and area: (Label reqd.	by 13-104.4.5 if not default)					
a.	U-factor:	Description Area		13.	Heating systems		
	(or Single or Double DEFAULT)	7a. (Dble Default) 375.0 ft ²	_	a.	Electric Heat Pump	Cap: 18.0 kBtu/h	or ==
b.	SHGC:				•	HSPF: 7.70	-
	(or Clear or Tint DEFAULT)	7b. (Clear) 375.0 ft ²		b.	Electric Heat Pump	Cap: 36.0 kBtu/h	
8.	Floor types					HSPF: 7.70	200
	Slab-On-Grade Edge Insulation	R=0.0, 256.0(p) ft	-	c.	N/A		10 mile 12 miles
	N/A						300
	N/A		_	14.	Hot water systems		
	Wall types			a.	Electric Resistance	Cap: 1.0 gallon	s
	Frame, Wood, Exterior	R=13.0, 2637.0 ft ²	_			EF: 0.92	2 _
	N/A			b.	N/A		-
	N/A						
	N/A		-	c.	Conservation credits		2111
	N/A				(HR-Heat recovery, Solar		
	Ceiling types				DHP-Dedicated heat pump)		
	Under Attic	R=30.0, 2775.0 ft ²	_		HVAC credits		
	Under Attic	$R=19.0, 350.0 \text{ ft}^2$			(CF-Ceiling fan, CV-Cross ventilation,	i	
	N/A Ducts				HF-Whole house fan,		
		C D (0.10(0.0			PT-Programmable Thermostat,		
	Sup: Unc. Ret: Unc. AH: Interior N/A	Sup. R=6.0, 186.0 ft	-		MZ-C-Multizone cooling,		
D.	IN/A				MZ-H-Multizone heating)		
I cer	tify that this home has complie	d with the Florida Energy	, Effic	iency	Code For Building		
Cons	struction through the above ene	rov savino features which	will	he inc	tailed (or exceeded)	OF THE STATE	&
in th	is home before final inspection	Otherwise a new FDI F)ienlo	v Card	l will be completed	STATE OF THE STATE	M
base	d on installed Code compliant	features.	Jishia	y Caic	will be completed	3/18/11/2	181
	der Signature:		Date:				161
			Dute.			1º Elina	
Addı	ress of New Home:		City/l	FL Zip	o:	GOD WE TRUS	STATE OF THE PARTY
*NO	TE: The home's estimated ener	'ev performance score is a	onlv a	vailak	ole through the FLA/RES compute	ar program	
This	is not a Building Energy Ratin	g. If your score is 80 or a	renter	· lor &	6 for a US EPA/DOE EnergyStar	Magianation	
vour	home may qualify for energy	officiency mortagae (FFM	, cuiei () inco	ntinas	if you obtain a Florida EnergyStar	uesignuilon),	
Cont	act the Energy Gauge Hotling	at 321/638_1402 on non-1	ho E-	mm. C	ay you obtain a Fioriaa Energy G auge web site at www.fsec.ucf.ed	rauge kaiing.	
Joint	act the bhergy dauge Holling	ui 321/030-1492 OF See In	ie Ene	ngy u	uuge weo sue ai www.jsec.ucj.ed:	u jor	

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4. EnergyGauge® (Version: FLRCSB v0.)

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

information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building

Columbia County Building Department Culvert Waiver

Lake City, FL 32055

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

Culvert Waiver No. 000001441

			000001	• • •
DATE: <u>08/28/2007</u>	BUILDING PERMIT NO	26175		
APPLICANT STEPHANIE KIRK	AND	PHONE	352-271-6262	
ADDRESS 240 NW 44TH ST	REET	GAINESVILLE	FL	32607
OWNER RICHARD & XENE NE	LSON	PHONE	352-213-0934	
ADDRESS 691 SW ROCK WA	Y	FORT WHITE	FL	32038
CONTRACTOR STEPHANIE KIR	KLAND	PHONE	352-271-6262	
LOCATION OF PROPERTY 4	41 S, R 778, R ROCK WAY ON T	HE CORNER OF BO	OULDER AND ROC	K WAY
	ways and the same of the same		excellent to the second	
**				
SUBDIVISION/LOT/BLOCK/PF	ASE/UNIT			
PARCEL ID # 07-7S-17-09932-00	00			
I HEREBY CERTIFY THAT I UNDER COUNTY PUBLIC WORKS DEPART SIGNATURE: A SEPARATE CHECK IS R MAKE CHECKS PAYABLI	MENT IN CONNECTION WITH WELL COLOR		OPOSED APPLICA	ATION.
MAKE CHECKS PATADLI	, 10 BCC			
<u> </u>	UBLIC WORKS DEPARTMEN'	T USE ONLY		
I HEREBY CERTIFY THAT I HAVE I CULVERT WAIVER IS:	XAMINED THIS APPLICATIO	N AND DETERMI	NED THAT THE	
APPROV	ED	NOT APPROV	/ED - NEEDS A	CULVERT PERMIT
COMMENTS:				
SIGNED: Law Play	Biz DA	re: <u></u> 8-7	1-07	
ANY QUESTIONS PLEASE CONTAC	T THE PUBLIC WORKS DEPA	RTMENT AT 386-7	52-5955.	
135 NE Hernando Ave., Suite B-2	DE	CEIVE		- Selling

AUG 3 0 2007



STATE OF FLORIDA DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0646

	PA	RT II - SITE PLAN- — — — —	
Scale: Each block rep	resents 5 feet and 1 inch = 50 feet.	i v	1065
Scale: Each block rep	resents 5 feet and 1 inch = 50 feet.		1065
Site Plan submitted b	Signa		Aug 10-th 200-

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Nelson HVAC Load Calculations

for

Rock Solid Builders



Prepared By:

Nicholas Rega IN-TO-IT Air Conditioning Service, Inc. 2131 Bowie St. Port St. Lucie Fl. 34952 772-528-8144 Monday, July 30, 2007 Nicholas Rega

Port Saint Lucie, FL 34952



Elite Software Development, Inc. Nelson

Page 2

Project Report

General Project Information

Project Title:

Nelson

Project Date:

Saturday, July 28, 2007

Client Name:

Rock Solid Builders

Company Name:

IN-TO-IT Air Conditioning Service, Inc.

Company Representative: Company Address:

Nicholas Rega

2131 Bowie St.

Company City:

Port St. Lucie Fl. 34952

Company Phone:

772-528-8144

Company Fax:

772-335-5213

Company E-Mail Address:

nrega@comcast.net

Design Data

Reference City:

Gainesville, Florida

Daily Temperature Range:

Medium

Latitude:

29 Degrees

Elevation:

152 ft.

Altitude Factor:

0.995

Elevation Sensible Adj. Factor:

1.000

Elevation Total Adj. Factor:

1.000

Elevation Heating Adj. Factor: Elevation Heating Adj. Factor: 1.000 1.000

0

77

Outdoor Outdoor

Indoor Grains

Dry Bulb Wet Bulb Rel.Hum

Indoor

50

Dry Bulb Difference

Winter: Summer: 31

93

30

72 75 15 50

Check Figures

Total Building Supply CFM:

1,815

CFM Per Square ft.:

0.748

Square ft. of Room Area:

2,427

Square ft. Per Ton:

Volume (ft³) of Cond. Space:

24.840

Air Turnover Rate (per hour):

515 4.4

Building Loads

56,098 Btuh

Total Heating Required With Outside Air: Total Sensible Gain:

56.098 MBH

42,394 Btuh

81 %

Total Latent Gain: Total Cooling Required With Outside Air:

10,220 Btuh 52,614 Btuh

19 %

4.38 Tons (Based On Sensible + Latent)

4.71 Tons (Based On 75% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.

All computed results are estimates as building use and weather may vary.

Be sure to select a unit that meets both sensible and latent loads.

Rhvac - Residential & Ligh Nicholas Rega Port Saint Lucie, FL 34952	nt Commercial	HVAC Loads	1				Elite Softwa	are Develop	ment, Inc Nelso Page :
Load Preview R	eport								
		Sens	Lat	Net	Sens	Win	Sum	Sys	Duc
Scope	Area	Gain	Gain	Gain	Loss	CFM	CFM	CFM	Size
Building: 4.38 Net Tons.	4.71 Recon	mended Tons	s, 515 ft.2/To	n, 56.10 MI	3H Heating	- Compression of			
Building	2,427	42,394	10,220	52,614	56,098	484	1,815	1,815	
System 1: 2.79 Net Tons	2.97 Recon	mended Tons	s, 553 ft.2/To	n, 34.73 MI	BH Heating			State of the	
System 1	1,644	26,773	6,737	33,510	34,728	287	1,147	1,147	16
Ventilation		1,674	2,877	4,551	3,812				
Duct Latent			1,544	1,544	-				
Zone 1	1,644	25,100	2,315	27,415	30,916	287	1,147	1,147	
7-Great Room	418	5,449	592	6,041	6,413	60	249	249	2-7
8-Dining	168	3,109	307	3,416	5,061	47	142	142	1-1
9-Foyer	98	1,155	40	1,195	2,092	19	53	53	1-
10-Kitchen	288	4,601	547	5,148	1,178	11	210	210	2-
11-Dinette	140	2,172	62	2,234	3,409	32	99	99	1-0
12-Bedroom 3	208	3,059	295	3,354	5,412	50	140	140	1-1
13-Bedroom 4	184	2,467	300	2,767	4,189	39	113	113	1-
14-Bath 1	60	846	45	891	69	1	39	39	1
15-Utility	66	1,613	122	1,735	2,421	22	74	74	1-4
16-Water Closet 1	14	629	5	634	671	6	29	29	1~
System 2: 1.59 Net Tons	1.74 Recon	mended Tons	s, 451 ft.2/To	n, 21.37 MI	BH Heating				
System 2	783	15,620	3,483	19,103	21,370	197	668	668	1:
Ventilation		1,004	1,726	2,731	2,287				
Duct Latent			648	648					
Zone 1	783	14,616	1,109	15,725	19,083	197	668	668	
1-Master Bedroom	228	5,090	590	5,680	5,543	57	233	233	2-0
2-Master Bath	170	3,264	92	3,356	5,865	61	149	149	1-1
3-Closet	77	1,054	30	1,084	1,642	17	48	48	1-4
4-Dressing Room	66	900	26	926	433	4	41	41	1-4
5-Bedroom 2	182	2,753	297	3,050	4,292	44	126	126	1-7
6-Bathroom	40	779	66	845	190	2	36	36	1~
17-Water Closet 2	20	776	8	784	1,118	12	35	35	1-4

Rhvac - Résidential & Light Commercial HVAC Loads Nicholas Rega Port Saint Lucie, FL 34952	1		Elite So	oftware Develo	pment, Inc. Nelson Page 4
Total Building Summary Loads					
Component	Area	Sen	Lat	Sen	Total
Description	Quan	Loss	Gain	Gain	Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, outdoor insect screen with 100% coverage, in partition wall, u-value 0.65	214	5,704	0	2,782	2,782
10B-b: Glazing-French door, double pane clear glass, metal frame with break, in partition wall, u-value 0.75	67	2,061	0	1,005	1,005
1E-cb: Glazing-Double pane window, fixed sash, clear, metal frame with break, in partition wall, u-value 0.63	13.6	352	0	172	172
1A-cb-o: Glazing-Single pane, operable window, clear, metal frame with break, outdoor insect screen with 100% coverage, in partition wall, u-value 1.08	24	1,062	0	518	518
7A-1: Glazing-Glass or plastic block, smooth or wide ribs or flutes, no screen, no coating, in partition wall, uvalue 0.6	16	394	0	192	192
11D: Door-Wood - Solid Core	21	336	0	164	164
12C-0sw: Part-Frame, R-13 insulation in 2 x 4 stud cavity, no board insulation, siding finish, wood studs	2108.4	7,867	0	3,836	3,836
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and	2367.6	3,106	0	3,258	3,258

Subtotals for structure:		34,857	0	11,927	11,927
People:	9	•	1,800	2,070	3,870
Equipment:			740	3,550	4,290
Lighting:	2290			7,809	7,809
Ductwork:		12,922	2,192	9,708	11,900
Infiltration: Winter CFM: 49, Summer CFM: 26		2,219	884	515	1,399
Ventilation: Winter CFM: 136, Summer CFM: 136		6,100	4,604	2,678	7,282
AED Excursion:		0	0	4,137	4,137
Total Building Load Totals:		56,098	10,220	42,394	52,614

251

13,975

0

0

0

Air Turnover Rate (per hour):	4.4
Square ft. Per Ton:	515
CFM Per Square ft.:	0.748
	•

Desiration Desiration				
Total Heating Required With Outside Air:	56,098	Btuh	56.098	MBH
Total Sensible Gain:	42,394	Btuh	81	%
Total Latent Gain:	10,220	Btuh	19	%
Total Cooling Required With Outside Air:	52,614	Btuh	4.38	Tons (Based On Sensible + Latent)
			4.71	Tons (Based On 75% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.

Gravel or Membrane, R-30 insulation

moist soil

22A-ph: Floor-Slab on grade, No edge insulation, no

insulation below floor, any floor cover, passive, heavy

All computed results are estimates as building use and weather may vary.

Be sure to select a unit that meets both sensible and latent loads.

Rhvac - Residential & Light Commercial HVAC Loads Nicholas Rega Port Saint Lucie, FL 34952	1	Elite Software Development, Inc. Nelson Page 5
System 1 Nelson Summary Loads		

Cyclem i rioleen cummary zeade					
Component	Area	Sen	Lat	Sen	Total
Description	Quan	Loss	Gain	Gain	Gain
1D-cb-o: Glazing-Double pane, operable window, clear, metal frame with break, outdoor insect screen with 100% coverage, in partition wall, u-value 0.65	158	4,211	0	2,054	2,054
10B-b: Glazing-French door, double pane clear glass, metal frame with break, in partition wall, u-value 0.75	33	1,015	0	495	495
1E-cb: Glazing-Double pane window, fixed sash, clear, metal frame with break, in partition wall, u-value 0.63	13.6	352	0	172	172
11D: Door-Wood - Solid Core	21	336	0	164	164
12C-0sw: Part-Frame, R-13 insulation in 2 x 4 stud cavity, no board insulation, siding finish, wood studs	1198.4	4,470	0	2,181	2,181
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	1584.4	2,079	0	2,180	2,180
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	146	8,129	0	0	0
Subtotals for structure:		20,592	0	7,246	7,246
People:	6	•	1,200	1,380	2,580
Equipment:			540	2,750	3,290
Lighting:	1375			4,689	4,689
Ductwork:		8,925	1,544	7,014	8,559
Infiltration: Winter CFM: 31, Summer CFM: 17		1,399	575	335	910
Ventilation: Winter CFM: 85, Summer CFM: 85		3,812	2,877	1,674	4,551
AED Excursion:		0	0	1,686	1,686
System 1 Nelson Load Totals:		34,728	6,737	26,773	33,510

Check Figures						
Supply CFM:	1,147			CFM Per	r Square ft.:	0.698
Square ft. of Room Area:	1,644			Square f	t. Per Ton:	553
Volume (ft³) of Cond. Space:	17,008			Air Turno	over Rate (per hour):	4.0
System Loads						
Total Heating Required With Outsi	de Air:	34,728	Btuh	34.728	MBH	5,000
Total Sensible Gain:		26,773	Btuh	80	%	
Total Latent Gain:		6,737	Btuh	20	%	

33,510 Btuh

Notes

Calculations are based on 8th edition of ACCA Manual J.

Total Cooling Required With Outside Air:

All computed results are estimates as building use and weather may vary.

Be sure to select a unit that meets both sensible and latent loads.

2.79 Tons (Based On Sensible + Latent)2.97 Tons (Based On 75% Sensible Capacity)

, 11 h					
Rhvac - Residential & Light Commercial HVAC Loads Nicholas Rega Port Saint Lucie, FL 34952	•		Elite So	ftware Develo	pment, Inc. Nelson Page 6
System 2 Nelson Summary Loads		n ne ne ne			University of the
Component	Area	Sen	Lat	Sen	Total
Description	Quan	Loss	Gain	Gain	Gain
1A-cb-o: Glazing-Single pane, operable window, clear, metal frame with break, outdoor insect screen with 100% coverage, in partition wall, u-value 1.08	24	1,062	0	518	518
10B-b: Glazing-French door, double pane clear glass,	34	1,046	0	510	510

100% coverage, in partition wall, u-value 1.08					
10B-b: Glazing-French door, double pane clear glass, metal frame with break, in partition wall, u-value 0.75	34	1,046	0	510	510
1D-cb-o: Glazing-Double pane, operable window, clear,	56	1,493	0	728	728
metal frame with break, outdoor insect screen with 100% coverage, in partition wall, u-value 0.65					
7A-1: Glazing-Glass or plastic block, smooth or wide ribs or flutes, no screen, no coating, in partition wall, uvalue 0.6	16	394	0	192	192
12C-0sw: Part-Frame, R-13 insulation in 2 x 4 stud cavity, no board insulation, siding finish, wood studs	910	3,397	0	1,655	1,655
16C-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, White or Light Color Shingles, Any Wood Shake, Light Metal, Tar and Gravel or Membrane, R-30 insulation	783.2	1,027	0	1,078	1,078
22A-ph: Floor-Slab on grade, No edge insulation, no insulation below floor, any floor cover, passive, heavy moist soil	105	5,846	0	0	0
Subtotals for structure:		14,265	0	4,681	4,681
People:	3		600	690	1,290
Equipment:			200	800	1,000
Lighting:	915			3,120	3,120
Ductwork:		3,998	648	2,694	3,341
Infiltration: Winter CFM: 18, Summer CFM: 9		820	309	180	489
Ventilation: Winter CFM: 51, Summer CFM: 51		2,287	1,726	1,004	2,731
AED Excursion:		0	0	2,451	2,451
System 2 Nelson Load Totals:		21,370	3,483	15,620	19,103

Check rigures						
Supply CFM:	668			CFM Per	Square ft.:	0.853
Square ft. of Room Area:	783			Square f	t. Per Ton:	451
Volume (ft³) of Cond. Space:	7,832			Air Turno	5.1	
System Loads			DEF			
Total Hasting Descriped Mith Oute	da Ain	24 270	DALLE	24 270	MOUL	

Total Heating Required With Outside Air:	21,370	Btuh	21.370	MBH
Total Sensible Gain:	15,620	Btuh	82	%
Total Latent Gain:	3,483	Btuh	18	%

Total Cooling Required With Outside Air: 19,103 Btuh 1.59 Tons (Based On Sensible + Latent) 1.74 Tons (Based On 75% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.

All computed results are estimates as building use and weather may vary.

Be sure to select a unit that meets both sensible and latent loads.

• • •	
Rhvac - Residential & Light Commercial HVAC Loads	Elite Software Development, Inc.
Nicholas Rega	Nelson
Port Saint Lucie, FL 34952	Page 7

System	1	Room	Load	Summary
--------	---	------	------	---------

a hijo			Htg	Htg	Run	Run	Clg	Clg	Clg	Air
	Room	Area	Sens	Nom	Duct	Duct	Sens	Lat	Nom	Sys
No	Name	SF	Btuh	CFM	Size	Vel	Btuh	Btuh	CFM	CFM
Zo	ne 1									
7	Great Room	418	6,413	60	2-7	466	5,449	592	249	249
8	Dining	168	5,061	47	1-7	532	3,109	307	142	142
9	Foyer	98	2,092	19	1-4	605	1,155	40	53	53
10	Kitchen	288	1,178	11	2-6	535	4,601	547	210	210
11	Dinette	140	3,409	32	1-6	506	2,172	62	99	99
12	Bedroom 3	208	5,412	50	1-7	523	3,059	295	140	140
13	Bedroom 4	184	4,189	39	1-6	574	2,467	300	113	113
14	Bath 1	60	69	1	1-4	443	846	45	39	39
15	Utility	66	2,421	22	1-5	541	1,613	122	74	74
16	Water Closet 1	14	671	6	1-4	329	629	5	29	29
	Ventilation		3,812				1,674	2,877		
	Duct Latent		•				•	1,544		
	System 1 total	1,644	34,728	287			26,773	6,737	1,147	1,147

System 1 Main Trunk Size:

16 in.

Velocity:

822 ft./min

Loss per 100 ft.:

0.113 in.wg

Cooling S.	vstem S	ummary
------------	---------	--------

Cooming Bysicin Bummur	<i>y</i>				
	Cooling	Sensible/Latent	Sensible	Latent	Total
	Tons	Split	Btuh	Btuh	Btuh
Net Required:	2.79	80% / 20%	26,773	6,737	33,510
Recommended:	2.97	75% / 25%	26,773	8,924	35,698

Equipment Data

Heating System

Cooling System

Type:

Model:

Brand:

Efficiency:

Sound: Capacity:

Sensible Capacity: Latent Capacity:

n/a n/a 0 Btuh 0 Btuh

Rhvac - Residential & Light Corr Nicholas Rega Port Saint Lucie, FL 34952	nmercial HV	AC Loads	1	1			Elite Software Develop		
System 2 Room Loa	ad Sum	mary						. ,	A Long Street
	Hilling M. Sel	Htg	Htg	Run	Run	Clg	Clg	Clg	Aiı
Room	Area	Sens	Nom	Duct	Duct	Sens	Lat	Nom	Sys
No Name	SF	Btuh	CFM	Size	Vel	Btuh	Btuh	CFM	CFM
Zone 1									
1 Master Bedroom	228	5,543	57	2-6	592	5,090	590	233	233
2 Master Bath	170	5,865	61	1-7	558	3,264	92	149	149
3 Closet	77	1,642	17	1-4	552	1,054	30	48	48
4 Dressing Room	66	433	4	1-4	471	900	26	41	41
5 Bedroom 2	182	4,292	44	1-7	471	2,753	297	126	126
6 Bathroom	40	190	2	1-4	408	779	66	36	36
17 Water Closet 2	20	1,118	12	1-4	406	776	8	35	35
Ventilation Duct Latent		2,287				1,004	1,726 648		
System 2 total	783	21,370	197			15,620	3,483	668	668
System 2 Main Trunk Size: Velocity: Loss per 100 ft.:		12 i 851 i 0.178 i	t./min						
Cooling System Summary							Marata.		
	Cooling	Sen	sible/Latent		Sensible		Latent	AMERICA	Total
	Tons		Split		Btuh		Btuh		Btul
Net Required:	1.59		82% / 18%		15,620		3,483		19,103
Recommended:	1.74		75% / 25%		15,620		5,207		20,827
Equipment Data		t Bund							
Type: Model: Brand: Efficiency: Sound: Capacity: Sensible Capacity:		n/a	g System			O Btuh	<u>system</u>		
atent Capacity:		n/a				0 Btuh			

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

	Manufactures	approved products are listed online @ www.flori Product Description	Approval Number(s)
Category/Subcategory	Manufacturer	Product Description	Approvar Number(S)
1. EXTERIOR DOORS			
A. SWNGING	rella	Clad frame Entry Door	FL-3254
B. SLIDING		4	
C. SECTIONAL/ROLL UP			
D. OTHER PALLO	Pella	Clad Higged Patio Door	FL-7551
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	pella	Double-Hingwindow	FL-6431-1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
J. 5711EX			
3. PANEL WALL			
A SIDING	JAMES HARdic	HArdi Plank	FL-889:- 22
B. SOFFITS	JAMES HArdie	Hardi Sofat	FL-889.3
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
C. OTTEN			
4. ROOFING PRODUCTS	+		
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL	GIBRALTAR	5V-Crimp Panels	FL-4866
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
E. OTHER			
5. STRUCT COMPONENTS			
A WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
F. UITIERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			
			——————————————————————————————————————
Α			

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

Sphonie Kulkerel 8-10-07
APPLICANT SIGNATURE DATE

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

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

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERA	L KEOUIKEM	ENTS: Two (2) complete sets of plans containing the following:
Applicant		
	0	All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be about the state of different areas shall be about the state of th
	0	Designers name and signature on document (CDC 106 to 200)
d	0	Site Plan including: a) Dimensions of lot
		 b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
ti d	0	d) Provide a full legal description of property. Wind-load Engineering Summary, calculations and any details required Plans or specifications must state compliance with FBC Section 1609.
		The following information must be shown as per section 1603. 1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.
		 c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient
	¥	e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
1	0	Elevations including: a) All sides b) Roof pitch
	_0	c) Overhang dimensions and detail with attic ventilation

B B B	0	d) Location, size and height above roof of chimneys.
σ,	0	e) Location and size of skylights
8	0	f) Building height
B	0	e) Number of stories
,		Floor Plan including:
12		a) Rooms labeled and dimensioned.
13		b) Shear walls identified.
er ·	0	c) Show product approval specification as required by Fla. Statute 553 942 and
다	0	in Administrative Cole 9D-72 (see attach forms).
D D	Ö	d) Show safety glazing of glass, where required by code.
	0	e) Identify egress windows in bedrooms, and size.
_		f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
Ø	0	g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
a		h) Must show and identify accessibility requirements (accessible bathroom)
		Foundation Plan including:
B	a	a) Location of all load-bearing wall with required footings indicated as standard
		or monolithic and dimensions and reinforcing.
B		b) All posts and/or column footing including size and reinforcing
8	0	c) Any special support required by soil analysis such as piling
₽	0	d) Location of any vertical steel.
/		Roof System:
ď		a) Truss package including:
		1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
		2. Roof assembly (FBC 106.1.1.2)Roofing system, materials,
		manufacturer, fastening requirements and product evaluation with
		ATTAL ICSISIANCE ISHING)
13		b) Conventional Framing Layout including:
		1. Rafter size, species and spacing
		2. Attachment to wall and uplift
		3. Ridge beam sized and valley framing and support details
		4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials
		manuacturer, lastening requirements and product evaluation with
		while resistance rating)
of a	0	Wall Sections including:
U	u	a) Masonry wall
		1. All materials making up wall
		2. Block size and mortar type with size and spacing of reinforcement
		J. Lines, uc-ucam sizes and reinforcement
		4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
		5 All required connectors with water with
		5. All required connectors with uplift rating and required number and
		size of fasteners for continuous tie from roof to foundation shall be
		designed by a Windload engineer using the engineered roof truss plans.
		6. Roof assembly shown here or on roof system detail (FBC
		106.1.1.2) Roofing system, materials, manufacturer, fastening
		requirements and product evaluation with resistance entires
	•	7. Fire resistant construction (if required)
		8. Fireproofing requirements
		9. Shoe type of termite treatment (termiticide or alternative method)
	3	10. Stab on grace
W ⁰		a. Vapor retarder (6mil. Polyethylene with joints lapped 6
		inches and sealed)
		b. Must show control joints, synthetic fiber reinforcement or
		weiged life labric remiorcement and connecte
		11. Indicate where pressure treated wood will be placed
		12. Provide insulation R value for the following:

		a. Attic space b. Exterior wall cavity
		c. Crawl space (if applicable)
0	a	b) Wood frame wall
		1. All materials making up wall
		2. Size and species of stude
		3. Sheathing size, type and nailing schedule
		4. Headers sized
		5. Gable end showing balloon framing detail or gable truss and wall
		6. All required fasteners for continuous tie from roof to foundation
		(truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
		7. Roof assembly shown here or on roof system detail (FBC
		100.1.1.2) NOULLE SYSTEM materials manufactures Control
		requirements and product evaluation with wind resistance rating) 8. Fire resistant construction (if applicable)
		7. Fugbroomig remiremente
		10. Show type of termite treatment (termiticide or alternative method)11. Slab on grade
		a. Vapor retarder (6Mil. Polyethylene with joints lapped 6
		morrog and scaled
		b. Must show control joints, synthetic fiber reinforcement or
		welded wire fabric reinforcement and supports 12. Indicate where pressure treated wood will be placed
		13. Provide insulation R value for the following:
		a. Attic space
		b. Exterior wall cavity
0	0	C. Crawl space (if applicable)
U	U	c) Metal frame wall and roof (designed signed and scaled by Fr
		Engineer or Architect) Floor Framing System:
		a) Floor trues professor in the time t
	_	 a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
		b) Floor joist size and spacing
		c) Girder size and spacing
0		d) Attachment of joist to girder
		e) Wind load requirements where applicable
		Plumbing Fixture layout
	-	Electrical layout including:
	0	a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
	0	-,
00000	0	c) Smoke detectors
19	s D	d) Service panel and sub-panel size and location(s)
	. 0	e) Meter location with type of service entrance (overhead or underground)
		Ty represent to AC equipment .
B	0	g) Arc Fault Circuits (AFCI) in bedrooms h) Exhaust fans in bathroom
_	10	HVAC information
		a) Energy Calculations (dimensions shall match plans)
O	0	0) Manual J Sizing equipment of equivalent commutation
3		c) Gas System Type (LP or Natural) Location and BTU demand of equipment
13		The state of the control of the cont
0	0	*** Notice Of Commencement Required Before Any Inspections Will Be Done
8	0	Private Potable Water

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

319-1157

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

- 1. Building Permit Application: A current Building Permit Application form is to be completed and submitted for all residential projects.
- 2. Parcel Number: The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
 - Environmental Health Permit or Sewer Tap Approval: A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
- City Approval: If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321
- Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED. A development permit will also be required. Development permit cost is \$50.00
 - Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25,00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. If the project is to be located on a F.D.O.T. maintained road. than an F.D.O.T. access permit is required.
 - 911 Address: If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

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

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:1T8S487-Z0105164243

Truss Fabricator: Anderson Truss Company

Job Identification: 7-185-Truss Count: 75

Model Code: Florida Building Code 2004 and 2006 Supplement

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

Engineering Software: Alpine Software, Versions 7.25, 7.24.

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 - 32.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

- Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
- 2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
- 3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: PIGBACKA-PIGBACKB-BRCLBSUB-CNBRGBLK-A11015EE-GBLLETIN-

#	Ref Description	Drawing#	Date
1	25386 AP	07186032	07/05/07
2	25387 A2	07186033	07/05/07
3	25388 A3	07186034	07/05/07
4	25389 A4	07186035	07/05/07
5	25390A5	07186036	07/05/07
6	25391 A7	07186037	07/05/07
7	25392A1	07186057	07/05/07
8	25393A13	07186058	07/05/07
9	25394 A12	07186038	07/05/07
10	25395A6	07186039	07/05/07
11	25396 A8	07186040	07/05/07
12	25397 A9	07186041	07/05/07
13	25398 A10	07186042	07/05/07
14	25399 A11	07186043	07/05/07
15	25400B2	07186044	07/05/07
16	2540183	07186045	07/05/07
17	2540284	07186046	07/05/07
18	2540385	07186047	07/05/07
19	25404B6	07186048	07/05/07
20	25405B1	07186049	07/05/07
21	25406 89	07186059	07/05/07
22	25407 87	07186050	07/05/07
23	25408 B8	07186051	07/05/07
24	25409 BR	07186052	07/05/07
25	25410C2	07186060	07/05/07
26	25411 C1	07186053	07/05/07
27	25412D1	07186061	07/05/07
28	2541303	07186062	07/05/07
29	2541402	07186054	07/05/07
30	25415E1	07186063	07/05/07
31	25416 EGE	07186064	07/05/07
32	25417 FGE	07186065	07/05/07
33	25418F1	07186001	07/05/07
34	25419F2	07186002	07/05/07
35	25420 FGE1	07186066	07/05/07
36	25421CJ3	07186055	07/05/07
37	25422HJ5	07186067	07/05/07
38	25423HJ7	07186068	07/05/07

44			
39	25424T53	07186069	07/05/07
40	25425T30	07186070	07/05/07
41	25426CJ4	07186003	07/05/07
42	25427 CJ5	07186004	07/05/07
43	25428CJ2	07186005	07/05/07
44	25429CJ1	07186006	07/05/07
45	25430EJ5	07186007	07/05/07
46	25431CJ6	07186008	07/05/07
47	25432EJ71	07186009	07/05/07
48	25433EJ72	07186010	07/05/07
49	25434CJ8	07186011	07/05/07
50	25435CJ9	07186012	07/05/07
51	25436CJ31	07186013	07/05/07
52	25437EJ37	07186014	07/05/07
53	25438EJ371	07186015	07/05/07
54	25439T33	07186016	07/05/07
55	25440T73	07186017	07/05/07
56	25441 T74	07186018	07/05/07
57	25442T54	07186019	07/05/07
58	25443CJ7	07186020	07/05/07
59	25444EJ7	07186021	07/05/07
60	25445CJ33	07186022	07/05/07
61	25446HJ35	07186071	07/05/07
62	25447 HJ37	07186072	07/05/07
63	25448CJ53	07186023	07/05/07
64	25449 T31	07186024	07/05/07
65	25450 T34	07186025	07/05/07
66	25451 T69	07186073	07/05/07
67	25452 H6060M	07186074	07/05/07
68	25453M4	07186026	07/05/07
69	25454M5	07186027	07/05/07
70	25455M7	07186075	07/05/07
71	25456M1	07186028	07/05/07
72	25457M2	07186029	07/05/07
73	25458M3	07186030	07/05/07
74	25459M6	07186031	07/05/07
75	25460AP1	07186056	07/05/07

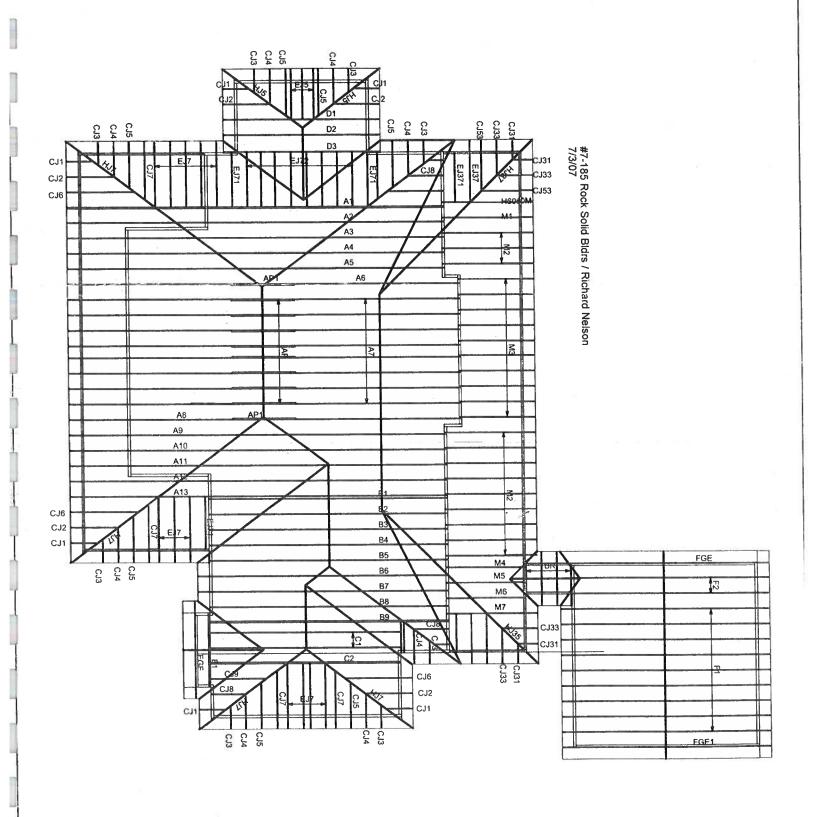
Ref Description Drawing# Date



Seal Date: 07/05/2007

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





8		1		T	
	PAG 1 OF	JOE 7-1	DESIGNED BY:	JOB DESCRIPTION:	JOB LOCATION:
	I NO	85 NO:	Jenny Patterson		
-					The state of the s

(7-185-AP)

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

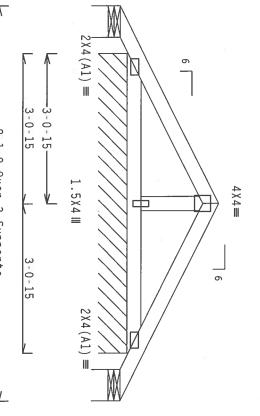
Ī lieu of rigid ceiling use purlins to brace BC @ 24" OC

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

110 mph wind, 21.52 ft mean hgt, located within 4.50 ft from roof DL=5.0 psf, wind BC DL=1.2 psf. ASCE 7-02, CLOSED edge, CAT II, EXP B, wind TC

יואחו במוח מורע זעו מו לרמטמס מ מזורעמזמנט! מממוזוורם מו ועמקס ווועי

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





U=180 W=7.826* R=82 PLF U=30 PLF W=6-1-14 Design Crit: 8-1-8 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) Over 3 Supports 4 U=180 W-7.826"

***MARNING** IRUSE'S REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO GOS! (BUILDING COMPONENT SAFETY INFORMATION), PURIS BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22319) AND NTCA (MOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHD CEILING.

PLT TYP.

Wave

Haines City, FL 33844

"Ifficate Chamber onization of the City of **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FABRICATING, HANDLING, SIMPPING, INSTALLING & BRACLING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF PROS (MATIONAL DESIGN SPEC. BY ATBPA) AND TPI. ITH BCG. CONNECTION PARTS ARE MADE OF 20/18/18/16A. (M.H.SSY, N. AST) AGADE 40/60 (M. K.H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. JUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DAMHNOS 160A. Z. ANY HISPECTION OF PLATES TOLOHORD BY (1) SHALL BE PER ANNEX AS OF FPI1-2002 SEC. 3. AS SEA. ON THIS DEAM OF INTICATION 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/FPI 1 SEC. 2.

ALPINE

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

j		Wall Control	PER IN	1000	1	_
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 11
24.0"	1.25	32.0 PSF	0.0 PSF	2.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T8S487_Z01	FROM JP	SEQN- 108490 REV	HC-ENG JB/AP	DRW HCUSR487 07186032	DATE 07/05/07	REF R487 25386

Scale = 5"/Ft.

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2: Bot chord 2x6 SP #2 Webs 2x4 SP #3

Wind reactions based on MWFRS pressures

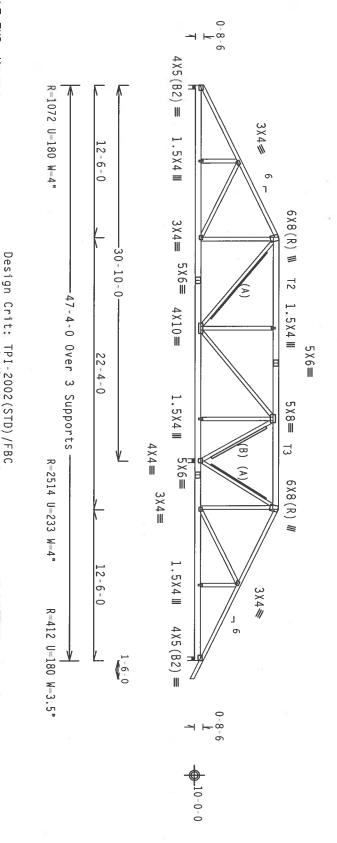
(B) 2x4 #3 or better "T" brace. 80% length of web member. Atta with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" 0C.

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

(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/360 live and L/240 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)

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218

MORTH LEE STREET, SUITE 1127, ALEXANDRIA, VA. 22314) AND BUTCA (MOOD TRUSS COUNCIL OF AMERICA. 6300

ENTERPRISE LANE, MODISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED IND CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED BY CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED BY GIGHT OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REGION OF THIS DESIGN TO THE INSTALLATION CONTRACTOR.

PLT

TYP.

Wave

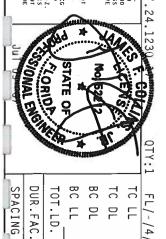
IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IPI: ON FAREICATING, HANDLIGG. SHIPPING, INSTALLING & BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY AFREA) AND TPI. THE BESCH CONNECTION PAIRS ARE ALONG TO 7 20/18/18/16A. (M. HISSYL) ASTIM ASSO GRADE 40/50 (M. K.H. SS) GALV. SITEL. APPLY DATES TO EACH FACE OF TRUSS, AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 160A. Z. ANY HISSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPI1-2002 SEC. 3. AS SEA. ON THIS DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGLINEERING 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

Ft Chilicate Chamber Strong Inc.

ALPINE



_		r	353	2000		
SPACING	DUR FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T8S487 Z01	FROM JP	SEQN- 16652	HC-ENG JB/AP	DRW HCUSR487 07186033	DATE 07/05/07	REF R487 25387

Scale =.125"/Ft.

Bot p chord 2x6 SP; t chord 2x6 SP; Webs 2x4 SP; ******* :16, 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures

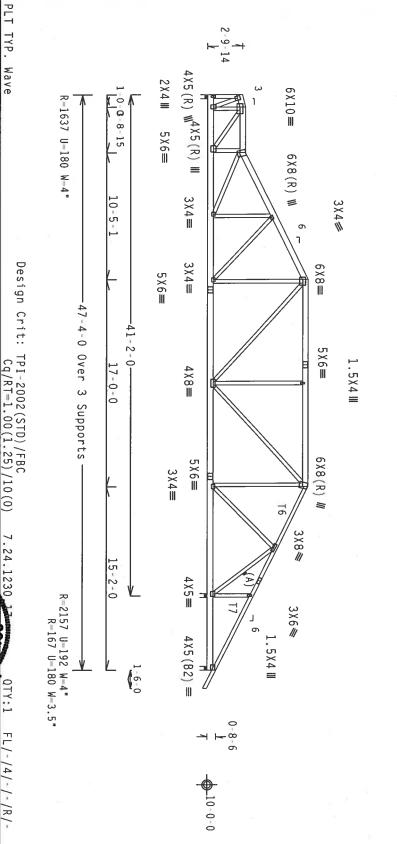
Left end vertical not exposed to wind pressure

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

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, 218 WORTH LEE STREET, SUITE 312. ALEXANDRIA, NA, 22314) AND HIGH CAN (MODD TRUSS COUNCIL OF AMERICA. 6300 CHIEBERSIS LAWE, MODISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGID CEILING.

REF

Scale =.125"/Ft. R487--

DATE

07/05/07 25388

BC DL TC DL

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 07186034

0.0 PSF

HC-ENG

JB/AP 16661

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM FIRST DESIGN ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FARRICATING, HANDLIGG. SHIPPING, INSTALLING & BRACLING OF TRUSSES. DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATAPA) AND TP]. DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATAPA) AND TP]. DESIGN CONTROL SEED OF 20/18/16GA (M.H.S.S.) GANDE 40/60 (M.K.M.S.S) GALV. STEEL. APPLY DLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON HIS DESIGN, POSITION PER BRAHHIGS 16GA-Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICA OF TPIL-2002 SEC. 3. AS 4.8.4.0 M THIS DRAINED INDICATES ACCEPTANCE OF PROFESSIONAL ENGLINEERING 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 AMERICA. 2.

Haines City, FL 33844

Ft Confficate of Authorization 4 567

ALPINE

CORIO DUR.FAC. SPACING TOT.LD. 1.25 40.0 24.0" PSF JREF -FROM SEQN-1185487

Z01

Bot chord 2x6 SP | Webs 2x4 SP | ### 322 :15. 16 2×4 SP #2 Dense:

Wind reactions based on MWFRS pressures

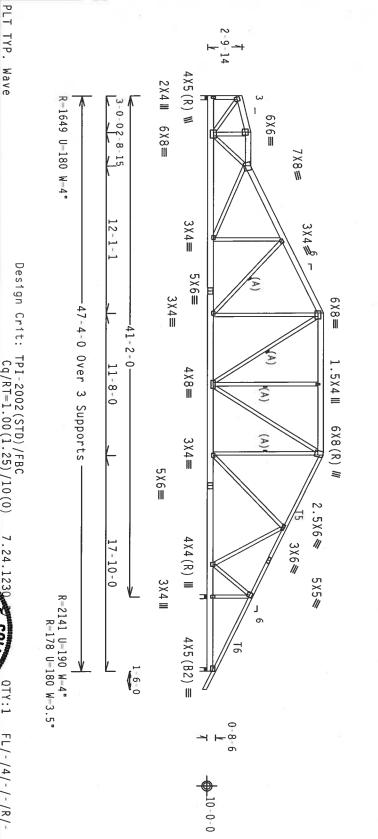
Left end vertical not exposed to wind pressure

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

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
RETER TO GOST! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPJ (TRUSS PLATE INSTITUTE, 218
WORTH LEE STREET, SUITE 127. ALEXANDRIA, VA, 22:214) AND WITCA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERMISE INDICATED TOP CHORDS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BGG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION PROME HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI; OR FAREICATING, HANDLIGG. SHIPPING, INSTALLING A BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (KALLING A BRACHING OF TRUSSES).

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (KALINGAN EDG. BY ATAPA) AND TPI.

CONNECTION PLATES ARE HADE OF 20/18/16GA (M.H.SS.N) ASTIN AGADE 40/60 (M.K.M.SS) GALV. STEEL. APPLY DLATES TO EACH FACE OF TRUSS AND. UNRESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BRAHINGS 16GA. Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERY AS OF FPI1-2002 SEC. 3.

AS SEA, ON THIS DRAHING HOLCATES ACCEPTANCE OF PROFESSIONAL ENGLINEERING 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 AMESI/TPI I SEC. 2.

Haines City, FL 33844

Frames City, FL 33844

Frames City, FL 33844

ALPINE

CORIOR

Ĭ	}	M		will be	Ł.		No.
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
I	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JREF - 1T8S487_Z01	FROM JP	SEQN- 16668	HC-ENG JB/AP	DRW HCUSR487 07186035	DATE 07/05/07	REF R487 25389

Scale =.125"/Ft.

(7-185-A5)

Top chord 2x6 SP Bot chord 2x6 SP Webs 2x4 SP ##***** :16 2×4 SP #2 Dense:

Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure

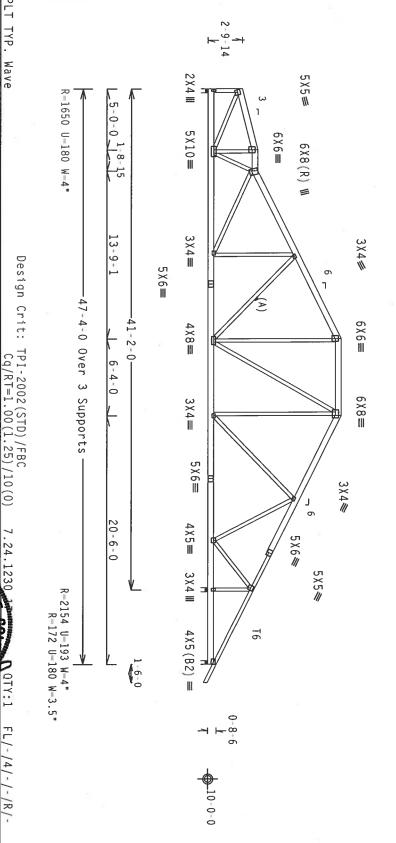
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.45 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

מירט זעו מי לרמטמם מ מזוולשמזמומל ממחווזוולם מו וואחקה ווואי

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



MARNING TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST

RETER TO BEST

MORTH LEE STREET, SUITE 1127 ALEXANDRIA, VA, 25214) AND SITCA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THEES FUNCTIONS. UNICES OTHERNISE INDICATED TOP CORPOR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DETIALION FROM HIS DESIGN. ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FABRICATING, AMBDING. SHIPPING, INSTALLING A BRACLING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SECO. BY ATAPA) AND TPI.

DESIGN COMPORES OF THE APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SECO. W. X.H. SS) GALV. STEEL, APPLY COLORED TO THIS DESIGN. AND THE APPLY DATES TO EACH FACE OF TRUSS, AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER ORAHINGS 180A. Z.

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

AS SAL ON THIS DRAING INDICATES 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

Haines City, FL 33844

Et Conficate of Authorization # 547

ALPINE

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

10.0 PSF 10.0 PSF 20.0 PSF

DRW HCUSR487 07186036

DATE REF

07/05/07 25390

Scale = .125"/Ft. R487---

0.0 PSF

HC-ENG

JB/AP

1.25 40.0 24.0" PSF JREF -SEQN-FROM 1T8S487 16673

201

(7-185 A7)

Top chord 2x6 SP Bot chord 2x6 SP Webs 2x4 SP #2 :T5 #2 #3 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure

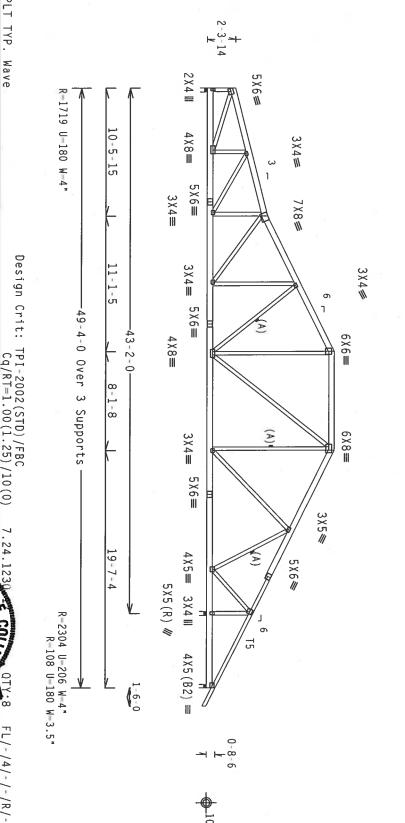
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.22 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

הידה השה ושרוטשרה ושהו ההוש הירש דשומו לרהטחם ש הדובשסדנתם) סהחודוורה חון שההק ושפי

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO SECTION OF THE CIRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 317, ALEXANDRIA, VA. 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERFERENT, SUITE 317, ALEXANDRIA, VA. 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO FORDO SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE

PLT TYP. Wave

IMPORTANTFURMISH 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 FAREICATING, MANDIAG. SHEPPING, INSTALLING A BRACLING OF TRUSSES.

DESIGN CONFIDENCE IN THE APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATRA) AND IPI.

DESIGN CONFIDENCE ARE MADE OF 20/18/16GA (M. H/SKY)K) ASTH AGES GRADE 40/60 (M. K/H.SS) GALV. SIEEL. APPLY COMMECTION PLATES ARE MADE OF 20/18/16GA (M. H/SKY)K) ASTH AGES GRADE 40/60 (M. K/H.SS) GALV. SIEEL. APPLY DATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 16GA-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIMER AS OF FP11-2002 SEC.3. A SEAL ON THIS DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL EMGLIFICATION RESPONSIBILITY OR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

Haines City, FL 33844

ALPINE

lul SONAL ENGI CORNOR No.1923 TATE OF 01Y.8

	NAME OF THE OWNER,	Net	Tanan .	want.	BI	
SPACING	DUR.FAC.	TOT.LD.		BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T8S487 Z01	FROM JP	SEQN- 16681	HC-ENG JB/AP	DRW HCUSR487 07186037	DATE 07/05/07	REF R487 25391
Z01			88	186037	/07	5391

Scale = . 125"/Ft.

19.90, TC 1 BC 1 BC 21.90, BC 1 Bot chord 2x6 Webs 2x4 (A) #3 Attach WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. SPECIAL LOADS PLT TYP. Haines City, FL 33844

Frames City, FL 33844

Frames City, FL 33844 From 209 LB 202 LB 1248 LB 85 LB 0, 23.67, From From From 8 (LUMBER or better scab brace. Same size & 80% length of web member. with 10d Box or Gun (0.128"x3",min.) nails @ 6" 0C. ALPINE Wave 4X5(B2) ≡ ER DUR.FAC.=1.25 / 62 PLF at 0.00 t 62 PLF at 9.83 t 62 PLF at 37.50 t 62 PLF at 0.00 t 20 PLF at 47.33 t 4 PLF at 47.33 to
B Conc. Load at 9.90, 1
), 23.67, 25.44, 27.44, 3
B Conc. Load at 29.44, 3
B Conc. Load at 19.83
B Conc. Load at 11.90, 1
7, 25.44, 27.44
B Conc. Load at 29.44, 3
B Conc. Load at 37.50 \$\$\$\$ R-2649 U-424 W-4" **#**#2 Dense 1.5X4 ⋈ ص -10-0***IMPOOT ANT***URNISH A COPY OF THIS DESIGN TO THE INSTALLAND CONTRACTOR. IN BCG. INC. SHALL NOT BE RESPONSIBLE TOR ANY DEVIATION FROM THIS DESIGN AND FAILURE TO DULLE THE TRUSS IN COMPORMACE WITH PILORS PROMISED. THE MADELING. SHOPPING. INSTALLING & BRACHER OF TRUSSES.

DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF MUS (MAIDMAN DESIGN SPEC. BY ATRA) AND TPI.

DESIGN COMPORMS OF THE MET APPLICABLE PROVISIONS OF MUS (MAIDMAN DESIGN SPEC. BY ATRA) AND TPI.

THE MET AND T BUILDING DESIGNER PER ANSI/TPI 1 A PROPERLY ATTACHED RIGID CEILING. to 0.1 to PLATE 6X8(R) ₩ J 3 X 4 ≡ FE DUR.FAC.=1.25)
62 PLF at 9.83
62 PLF at 37.50
62 PLF at 44.83
20 PLF at 47.33
4 PLF at 48.83
, 11.90, 13.90, 15 2×6 13.90, 31.44, 31.44, SP 15.90, 33.44, 33.44, 35.44 30-10-0 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 12 5×6≡ 3 X 4 ≡ 3X5= 17.90, 35.44, 15.90, 47-4-0 Over 5 X 6 = 37.44 19.9017.90 1.5X4 III 6X10= 27-8-0 3 Supports C. SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 5 X 4 (R) III 6X6≡ 5×6≡ R=7696 Ξ Nailing Schedule: (12d_Box_or_Gun_(0.128*x3.25*,_min.)_nails)
Top Chord: 1 Row @12.00* o.c.
Bot Chord: 1 Row @12.00* o.c.
Webs : 1 Row @ 4* o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. U=1483 W=4" Wind reactions based on MWFRS pressures 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 wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLA-2 30.667' 1 12" 4 Rigid Surfi Bearing block to be same size and species as bottom chord. Refer to drawing CNBRGBLK0207 for additional information. Bearing blocks: Nail type: 12d_Box_or_ BRG X-LOC #BLOCKS LENGTH/BLK # 2 30.667' 1 12" Deflection meets L/360 live and L/240 total load. factor for dead load is $1.50\,\cdot$ COMPLETE 6X8≡ 3X4 =9-10-0 CORNO .5X4 ≢ YONAL ENG! ME R=551 U=180 W=3.5" TRUSSES $4X5(B2) \equiv$ (6 0 REQUIRED 0 BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. -8-6 FL/-/4/-/-/R/-_Gun_(0.128*x3.25*,_min.) #NAILS/BLK WALL PLATE A Rigid Surface ₩ 10-0-0 40.0 20.0 10.0 PSF 10.0 PSF 1.25 24.0" 0.0 Creep increase PSF PSF PSF FROM DATE REF JREF-SEQN-DRW HCUSR487 07186057 HC-ENG Scale =.125"/Ft. located psf, _nails R487--1T8S487 JB/AP 16924 07/05/07 25392 201

::

2x4 SP

#2 Dense:

Top chord 2x6 SP Bot chord 2x6 SP Webs 2x4 SP Bearing blocks: Nail type: 12d_Box_or_Gun_(0.128"x3.25",_m:BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLA: 8 16.333' 1 12" 5 Rigid Surface and Species as bottom chord. Refer to drawing CNBRGBLK0207 for additional information. ### 30°2 or_Gun_(0.128"x3.25",_min.)_nails #NAILS/BLK WALL PLATE Rigid Surface

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

Wind reactions based on MWFRS pressures.

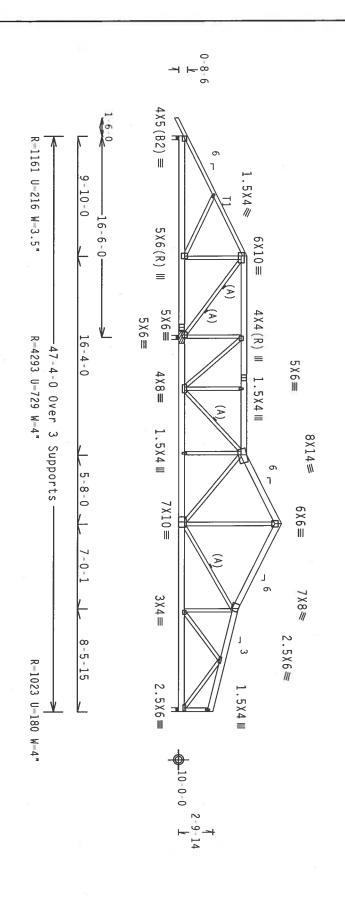
 \geq Continuous lateral bracing equally spaced on member

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

SPECIAL LOADS From 202 (209 L 1459 L) 81 LB 85 LB (LUMBER m 62 PLF at -1.50 to 6 m 61 PLF at 9.83 to 6 m 62 PLF at 31.83 to 6 m 62 PLF at 31.83 to 6 m 62 PLF at 31.83 to 6 m 62 PLF at 31.80 to 7 m 4 PLF at -1.50 to 7 m 20 PLF at 0.00 / PLATE DUR.FAC.=1.25)
to 62 PLF at 9.83
to 61 PLF at 26.17
to 62 PLF at 31.83
to 62 PLF at 38.84
to 61 PLF at 47.33
to 61 PLF at 47.33
to 20 PLF at 47.33
9.90, 11.90, 13.90 13.

Right end vertical not exposed to wind pressure

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO SECSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB
MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA, Z2314) AND HICA (MODD TRUSS COUNCIL O' AMERICA, 6300
ERTERPRISE LANE, MADISON, HI 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
A PROPERLY ATTACHED RIGID CEILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

QTY:1

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

דכ רר

20.0 PSF

REF

25393

Scale =.125"/Ft. R487--

PLT

TYP.

Wave

ITW Building Components Group, Inc. Haines City, FL 33844 FI Contificate of Authorization # 567 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACHE OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SEC, BY, AREA), AND TPI. ITH BCG CONNECTOR PLATES ARE HADE OF 70/18/16GA (ML.M/SS/K), ASTH AGS3 GRADE 40/60 (M. K/M.SS) GALV STEEL. APPLICABLE FOR FACE OF TRUSS AND. UNLESS OTHERWISE LOCALED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER AHMEX AS OF TPI1-2002 SEC.3. A SALON THIS DRAWHING INDICATES ACCEPTANCE OF PROFESSIONAL FROM INFER AND SOFT TY SOLETY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

<u>l</u> VONAL ENGIN CORIO SPACING DUR.FAC. TOT.LD. 40.0 1.25

Z01

BC LL BC DL TC DL 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF SEQN DATE FROM DRW HCUSR487 07186058 JREF-HC-ENG 1T8S487 JB/AP 07/05/07 16970

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Stubbed Wedge 2x4 SP #3:

(A) Continuous lateral bracing equally spaced on member

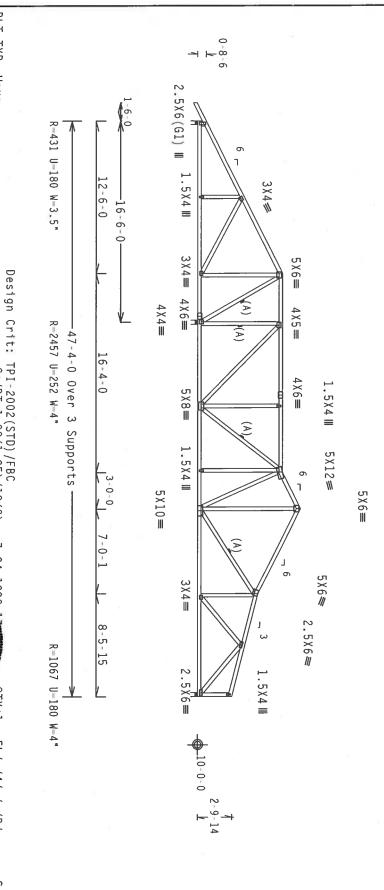
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/·)=0.18

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure

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



**HARNING ** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE IZZ, ALEXANDRIA, YA, AZZIA) AND HICAC (MODO TRUSS COUNCIL DE AMERICA. 6300 ENTERPRISE LANE, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TO PERPOS MALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SMALL HAVE A PROPERLY ATTACHED RIGID CEILING. Cq/RT=1.00(1.25)/10(0)

PLT TYP. Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN 10 THE 'NSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, VEY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FABRICATING. HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN COMPORNS WITH APPLICABLE PAROVISIONS OF NDS (MATIONAL DESIGN SECC. W. K.7M.55) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND. UNILESS OTHERNISE (COLIED ON THIS DESIGN, POSITION PER DRAWNISS 160A.Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS
DRAWNING INDICATES ACCEPTANCE OF PROFESSIONAL MEGIANEE AND SOF TPI1-2002 THE TRUSS COMPONENT
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Haines City, FL 33844

"To refificate of humborization " <27

ALPINE

CORNO ONALE QTY:1 BC LL BC DL TC DL DUR.FAC. 10 11 SPACING TOT.LD. FL/-/4/-/-/R/-40.0 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF FROM SEQN-DATE REF JREF -HC-ENG DRW HCUSR487 07186038 Scale = .125"/Ft.

JB/AP

16644

1T8S487

_201

R487--

25394

07/05/07

Top chord 2x6 SP Bot chord 2x6 SP Webs 2x4 SP ##*****2 :T5 2×4 SP

Wind reactions based on MWFRS pressures

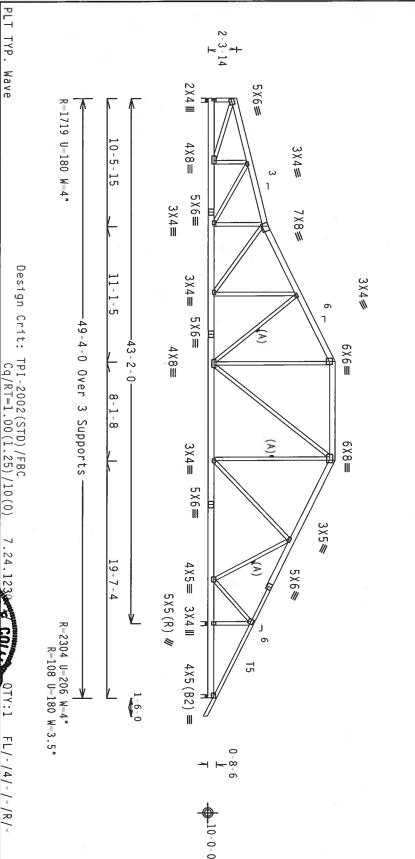
Left end vertical not exposed to wind pressure

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

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



***MARNING** TRUSES REQUIRE EXTREME CARE IN FABRICATION. HANDING. SHIPPING. INSTALLING AND BRACING.
REFER TO BCSI

ROTH LEE STREET, SUITE 312. ALEXANDRIA, VA. Z2314) AND WICA (MODD TRUSS COUNCIL OF AMERICA. 6300

ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DUILESS

OTHERRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DUILESS

OTHERRISE INDICATED FOR ORORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SMALL HAVE

A PROPERLY ATTACHED RIGID CEILING.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OBSIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/FPI I SEC. 2. **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, WAY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FABRICATING, HANDLUNG, SHPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. ITM BCG CONNECTOR PLATES ARE MADE OF ZD/IB/15GA (M.H/SS/K), ASIM A653 GAADE 40/60 (M. K/M. SS) GALTY. 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 ANNEY A3 OF TPIT-ZOOZ SEC.3. A SEAL ON THIS

Haines City, FL 33844

"tificate" "torizati, """

ALPINE

ไม่ไ SONAL ENGINEE BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. 40.0 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 1.25 0.0 PSF PSF REF FROM SEQN-DATE JREF-DRW HCUSR487 07186039 HC-ENG R487---1T8S487 JB/AP 07/05/07 16687 25395

Z01

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

Scale = .125"/Ft.

(7-185-A8)

Top chord 2x6 SP Bot chord 2x6 SP Webs 2x4 SP ### 3 :15 2×4 SP #2 Dense:

Wind reactions based on MWFRS pressures

Left end vertical not exposed to wind pressure

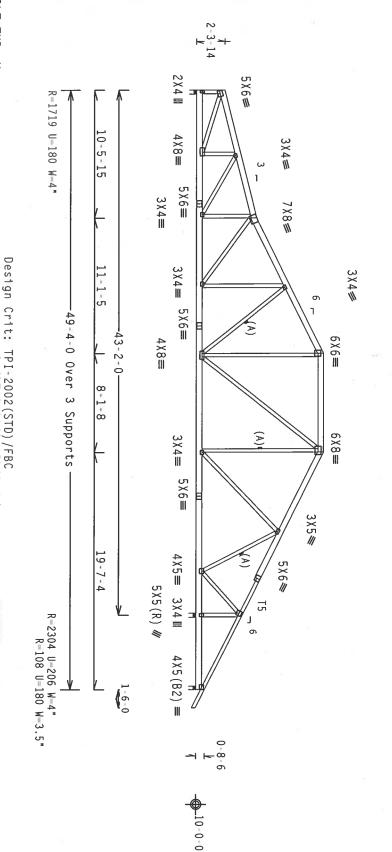
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110 mph wind, 15.22 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw-1.00 GCpi(+/-)=0.18

the case the turner that the contract of contract of contract of the contract of

(A) Continuous lateral bracing equally spaced on member

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



WARNING RUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STRETE, 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 INDICATED TO FROMD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DETIALING REGION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMFORMACE WITH FIT ON FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACHEM SPEC, BY ATRAPA) AND IPI.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGNE SPEC, BY ATRAPA) AND IPI.

THE BOSTION FOR THE APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGNE SPEC, BY ATRAPA) AND IPI.

PLATES TO EACH FACE OF TRUSS AND. JUNESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FER DRAHINGS 160A. Z.

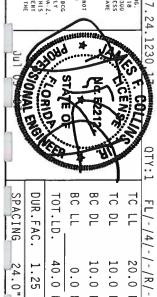
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FP11-2002 SEC. 3.

AS SLA. ON THIS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2.

Haines City, FL 33844

Fig. C--ifficate Chart-prization 4 647

ALPINE



QTY:1	FL/-/4/-/-/R/-	/-/R/-	Scale =.125"/Ft.
	TC LL	20.0 PSF	REF R487 25396
	TC DL	10.0 PSF	DATE 07/05/07
110000	BC DL	10.0 PSF	DRW HCUSR487 07186040
THE REAL PROPERTY.	BC LL	0.0 PSF	HC-ENG JB/AP
	TOT.LD.	40.0 PSF	SEQN- 16693
•	DUR.FAC.	1.25	FROM JP
	SPACING	24.0"	JREF - 1T8S487 Z01

Top WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below. Wind reactions based on MWFRS pressures (A) Continuous lateral bracing equally spaced on member (7 - 185 -Haines City, FL 33844

F1 ---ificate of hard-prizatio --- 4 << p chord 2x6 SP t chord 2x6 SP Webs 2x4 SP TYP. 0 ω. ALPINE A9) Wave 4X5 (B2) ≡ 6 0 6 2 0 - 2 ##Z R=177 U=180 W=3.5" R=2147 U=212 W=4" 2×4 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PPI; ON FAREIGATING, HANDLIGS, SIPPPING, INSTALLING A BRACH NG OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS SKALLING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS SKALLING A BRACH NG FOR METERS. AND THIS DESIGN SPEC. BY ATRAPA AND TPI. THE BROYSHOW FOR THE STATE APPLY DATES TO EACH FACE OF TRUSS AND. JUNESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER BRAHINGS 160A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIL-2002 SEC. 3. AS SKAL ON THIS DESIGN ADDITIONAL PROJECTION OF THE STATE ACCEPTANCE OF PROFESSIONAL ENGLIFICENCY RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLETTY AND SLEED OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **MARNING** RUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. METER TO BEST (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZEJIA) AND HTCA (MODO TRUSS COUNCIL STAMERICA, 6300 ENTERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHOODS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 3 X 4 Ⅲ 5X5# ŞÞ #2 Dense: 20-6-0 4 X 5 ≡ 5X6#6 Design Crit: 3×4= 5 X 6≡ 47-4-0 Over €X6≡ 4 X 8≡ TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) 6-4-0 3 Supports 6X8≡ 3X4≡ 5×6≡ 3X4₩ 3 \ 4 ≡ 2-0-1 110 mph wind, 15.45 located within 6.50 DL=5.0 psf, wind BC Right end vertical not exposed to wind pressure. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. 7×8⊯ 3X4 =Į Į SONAL BROKES 8-5-15 4X6≢ 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 R-1649 U-180 W-4" 5 X 4 ≡ BC LL BC DL SPACING DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF JREF -FROM SEQN-HC - ENG DRW HCUSR487 07186041 Scale =.125"/Ft. R487--1785487 JB/AP 07/05/07 16699 25397 Z01

Bot chord 2x6 SP t chord 2x6 SP Webs 2x4 SP ### 322 ::1 2×4 SP #2 Dense:

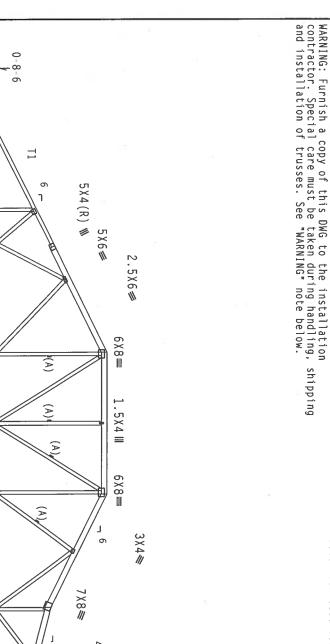
Wind reactions based on MWFRS pressures

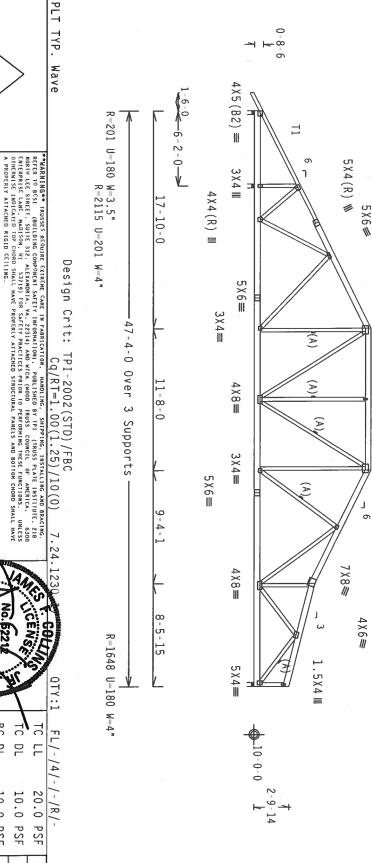
(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.







1T8S487

Z01

JB/AP

16705

07/05/07

25398

(7-185-

חוט טאט רתבראתכט רתטי נעחדטובת וחדטו (בטאטט פ טוחבאטנטאט) טטסחנווכט פו ואטטט חרא:

Top chord 2x6 SP #
Bot chord 2x6 SP #
Webs 2x4 SP # ##***** 2×4 SP #2 Dense:

Wind reactions based on MWFRS pressures

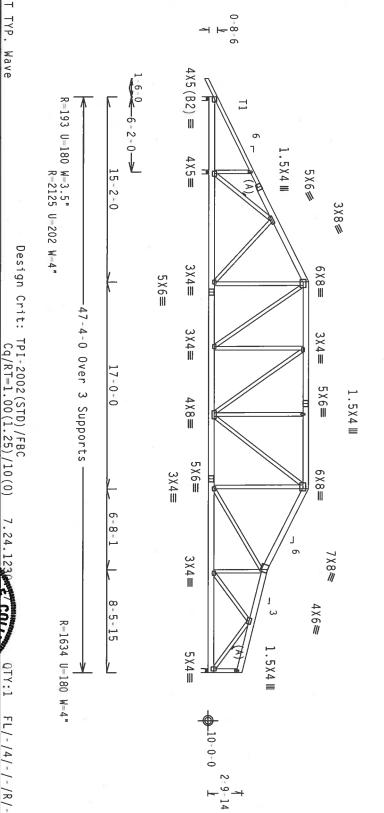
(A) Continuous lateral bracing equally spaced on member

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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BOSI (BUILDING COMPONENT SAFETY IMPORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORIH LEE STREET, SUITE 317, ALEXANDRIA, VA. ZEZIJA) AND HICA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

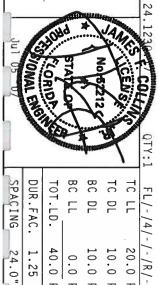
PLT TYP.

Wave

Haines City, FL 33844

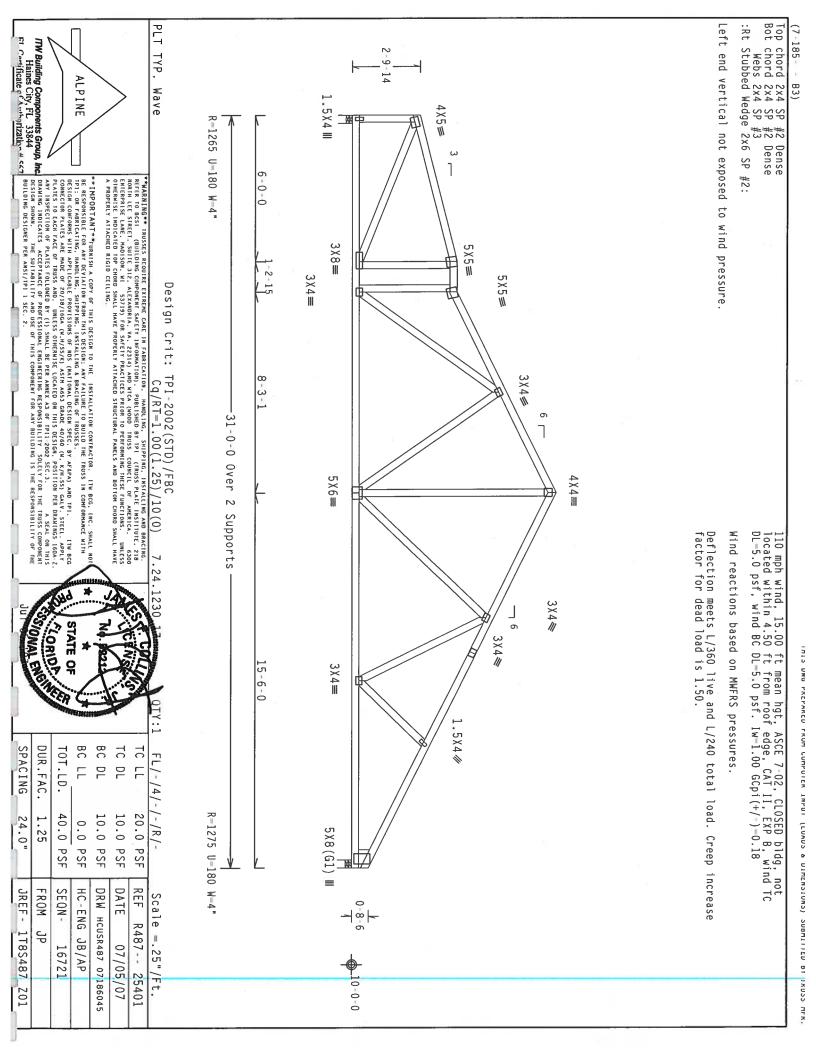
F' ificate ' ' 'nizatio " ' ' **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PICOR FARECLATING, ANNOLUNG, SHEPPIG, DISTALLING & BRACKING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC. BY AFER) AND TPI. ITM BCG. CONFORMS MITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC. BY AFER) AND TPI. THY DESIGN FOR A COMPORT OF TRUSS AND DISTALLING AND THIS DESIGN FOR THIS DESIGN FOR THIS DESIGN FOR THIS DESIGN FOR THE TRUSS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 150A.Z. ANY INSPECTION OF PLATES TO LOCATED ON THE SUBJECT OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPOREM THE SUITABLILITY AND DESIGN FORM ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/PPI 1 SEC. 3.

ALPINE



SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T8S487 Z01	FROM JP	SEQN 16711	HC-ENG JB/AP	DRW HCUSR487 07186043	DATE 07/05/07	REF R487 25399

Scale = .125"/Ft



Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Stubbed Wedge 2x6 SP #2: PLT TYP. Wave Left end vertical not exposed to wind pressure. (7-185-Haines City, FL 33844 2-9-14 ALPINE 84) 1.5X4 III 4 X 4 (R) R-1267 U-180 W-4" ω = 4-0-0 **IMPORTANT**Furmish a copy of this design to the installation contractor. The BCG, INC. Shall not be responsible for any defiation from this design; and trailled to build the TRUSS IN Comformacci with the contraction, andling. Supprinc, installing a Bracing of Trusses.

Design comforms with applicable provisions of his (antional designs spec, by afapa) and try. Design comforms by the applicable provisions of his (antional designs spec, by afapa) and try. Design controls placed to the face of trusses. The applicable provisions provision for a building of 20/18/16GA (N. H/SS) (Shall base) and this design position for deather for lines of the provision for deather followed by (1) shall be fer annex at of this docade SCC.)

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF TRILEDOZ SCC.).

AS SLA. ON THIS DESIGNED ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLITY AND DUSE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **MARNING** TRUSSES BEQUIRE EXTREME CARE IN FABRICATION, HANDING, SHIPPING, HYSTALLING AND BRACING, REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THI (TRUSS PLATE INSTITUTE, ZIB NORTH LEE STREEI, SUITE 3123 ALEXANDRIA, VA, ZZ314) AND NTCA (MODD TRUSS COUNCIL OF AMERICA, 6300 EXTERPREIS LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNIS INDICATED TOP CROBOD 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 4 X 4 ≡ $4 \times 10 =$ 2 2 15 5X12≡ 3X4**≡** Design Crit: 9-3-1 3X4# TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 31-0-0 Over 2 Supports 5 X 6≡ 4 X 4 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. 3X4**//** 9 3X4₩ 3 X 4≡ 15-6-0 1.5X4 / BC LL BC DL TC DL דכ רר DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-40.0 10.0 PSF 20.0 PSF R-1275 U-180 W-4" 1.25 10.0 PSF 24.0" 0.0 5X8(G1) PSF PSF JREF-FROM DATE REF SEQN-HC-ENG DRW HCUSR487 07186046 Scale = .25"/Ft. R487--1T8S487 JB/AP 16726 07/05/07 25402 10-0-0 _Z01

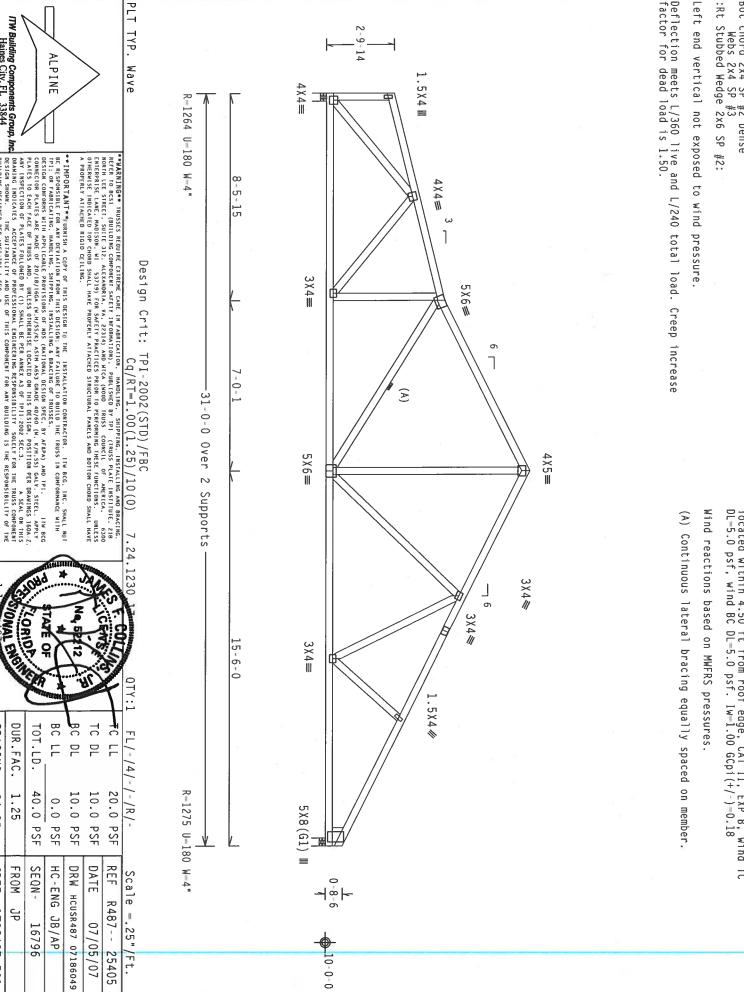
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Rt Stubbed Wedge 2x6 SP #2: PLT Left end vertical not exposed to wind pressure. (7 - 185 -Haines City, FL 33844

ri Crifficate Chambonization 4 677 TYP. Wave ALPINE 85) 1.5X4 III 3X5(R) W R=1268 U=180 W=4* ω 2-0-0 4 X 4≡ 4X10= **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 IP: OR FABRICATING. HANDLING. SHIPPING. HISTALLING & BRACING OF TRUSSES.

DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SEC. BY ATREA) AND IPI. ITM BCG COMMECTOR PLATES ARE MADE OF 70/18/1666 (M.H/SS/K) ASIM A653 GRADE 40/60 (M.K/M.SS) AGLY. STEEL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN. POSITION PER DRAWHING 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPIL-2002 SEC. 3. SEAL ON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR MAY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORIH LEE STREET, SUITE 112. ALEXANDRIA, VA, 22:31) AND MICHA (MODO TRUSS COUNCIL OF AMERICA. 6300 CHIEGRPAISE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE HOLDICATED DOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING. BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. 3 - 2 - 155X12≡ 3X4 =Design Crit: 3X4≢ 0-3-1 TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) σ 31-0-0 Over 2 Supports 5 X 6≡ $4 \times 4 =$ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, Iw-1.00 GCpi(+/-)-0.18 Wind reactions based on MWFRS pressures. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.3X4// 3X4₩ 15-6-0 3 X 4≡ BC LL BC DL TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R-1276 U-180 W-4" 10.0 PSF 24.0" 40.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF 5X8(G1) JREF -FROM SEQN-DATE REF HC-ENG JB/AP DRW HCUSR487 07186047 Scale =.25" R487--1T8S487 16731 07/05/07 25403 Ft. 10-0-0 Z01

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Rt Stubbed Wedge 2x6 SP #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=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18



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

BUILDING DESIGNER PER ANSI/TPI 1 SEC

CORION

SPACING DUR.FAC. TOT.LD.

24.0" 1.25

JREF -

1T8S487

Z01

BC LL

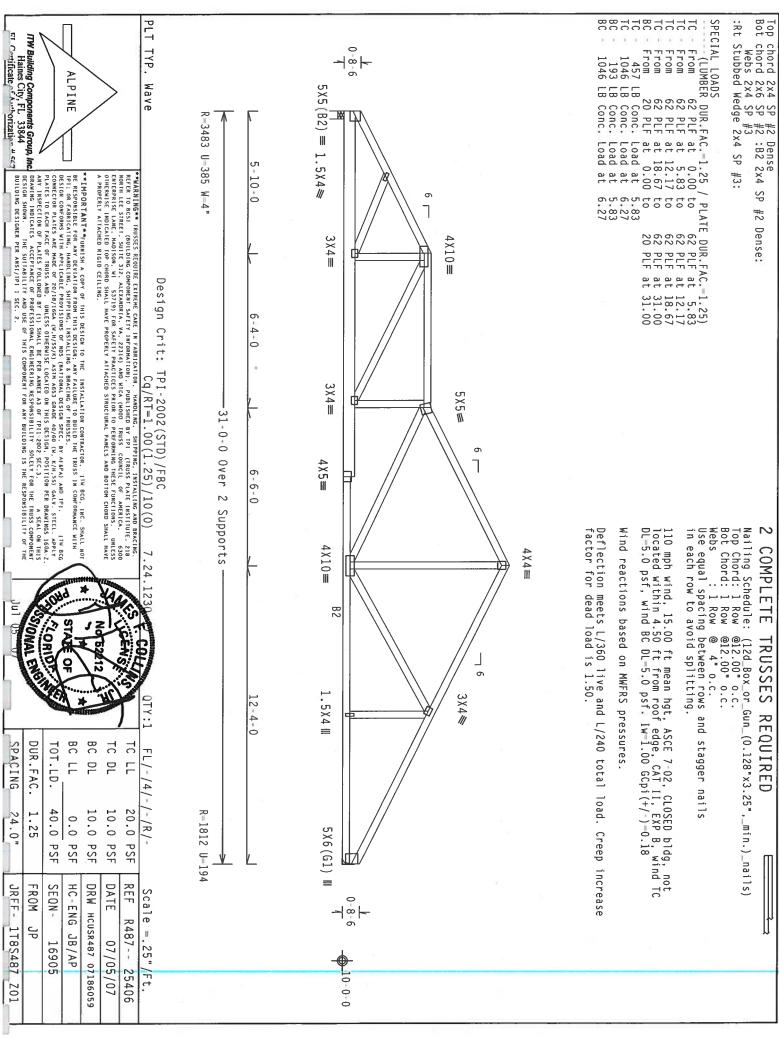
0.0 PSF

HC-ENG JB/AP

40.0 PSF

16796

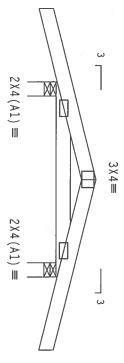
FROM SEQN- ALPINE



Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 :Lt Stubbed Wedge 2x4 SP #3::Rt Stubbed Wedge 2x6 SP #2: Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. PLT TYP. Wave (7 - 185 -1₈F ALPINE 88) 4X8(G1) III R=1277 U=180 W=4" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. THY FALLURE TO BUILD THE TRUSS IN CONFORMANCE WITH PI: OR FARRICATION, HANDLUGG, SHIPPING, INSTALLING A BRACING OF TRUSSES.

DESIGN COMFORMS WITH APPLICABLE PROVISIONS OF THOS (MATIONAL DESIGN SEC. BY ARBA) AND IPI. ITH BCG CONNECTOR PLATES ARE HADE OF 20/18/1666 (M.H/SS/K) ASTH A653 GRADE 40/60 (M.K/H.SS) AGLY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHNGS 160A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1:2002 SEC.3. AS SALON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR NAY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO BESSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218
NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES BRIOR TO PERFORMING THESE FUNCTIONS. UNLESS
OTHERNISE (MDICATED IDP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING. BUILDING DESIGNER PER ANSI 6 1.5X4₩ 8-6-0 Design Crit: 3 X 4 ≡ 4×8≡ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6-4-0 31-0-0 Over 2 Supports 3 X 4≡ 5X5≡6 T 3 X 4 ≡ 3-10-0 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 4 X 8≡ 4 X 4≡ 6 3X4₩ 1.5X4 III QTY:1 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-10.0 PSF 40.0 PSF 20.0 PSF R-1277 U-180 W-4" 24.0" 1.25 10.0 PSF 0.0 PSF 5X8(G1) III REF JREF -FROM DATE 0-8-6 SEQN-DRW HCUSR487 07186051 HC-ENG JB/AP Scale = .25"/Ft. R487--1785487 16746 07/05/07 25408 10-0-0 201

Wind reactions based on MWFRS pressures. Top chord 2x4 Bot chord 2x4 (7-185---BR) ŞP #2 Dense #2 Dense 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R-258 U-180 W-3.5" 4-0-0 Over 2 Supports → R=258 U=180 W=3.5"

1-6-0-€

2-0-0

2-0-0

1-6-0-

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

PLT TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BESSI (BUILDING COMPONENT SAFETY INFORMATION), PURISED BY THI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA, 22314) AND MICHAEL ACK (MODO TRUSS COUNCIL OF AMERICA. 6300 ENHERPRISE LAME, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS OTHERMISE HOUGH, ALDISON, MI 63719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILESS A PROPERLY ATTACHED BY CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE

ALPINE

ITW Building Components Group, Inc. Haines City, FL 33844 FT Confficate of Authorization # <<7 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFLATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; ON FAREICATHO, HANDLIGG. SHEPPING, INSTALLING & BRACHING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROPUSIONS OF HIDS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI.

DESIGN ECTOR PLATES ARE HADE OF 20/18/16GA (M. H/SKY), ASTH AGES GRADE 40/60 (M. K/H. SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS, AND. UNLESS OTHERNISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 16GA. Z.

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

AS SEA, ON THIS DESIGNED ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF SHORT AND THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

TATE O BC LL TC LL 7 2 TC DL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 24.0" 0.0 PSF JREF-DATE REF FROM SEQN-HC-ENG JB/AP DRW HCUSR487 07186052 R487--1185487 07/05/07 16810 25409

Z01

Scale =.5"/Ft.

Top chord 2x4 9
Bot chord 2x6 9
Webs 2x4 9
:Lt Wedge 2x4 9 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,.$ SPECIAL LOADS PLT TYP. Haines City, FL 33844
FI Conficate of Authorization # 557 From 62 PLF at 0.00 to 6 From 62 PLF at 9.83 to 6 From 62 PLF at 14.83 to 6 From 62 PLF at 14.83 to 6 From 62 PLF at 0.00 to 2 202 LB Conc. Load at 9.90, 1 1459 LB Conc. Load at 9.83, 1 81 LB Conc. Load at 11.90, 1 0-8-6 ALPINE Wave 4X6(B2) =2222 R=2960 U=572 W=4" #2 Dense #2 #3 #3::Rt Wedge 2x4 SP #3: **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 11M BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARBELGING. HANDLING, SHEPPING, INSTALLING AS BRACHE OF TRUSSES.

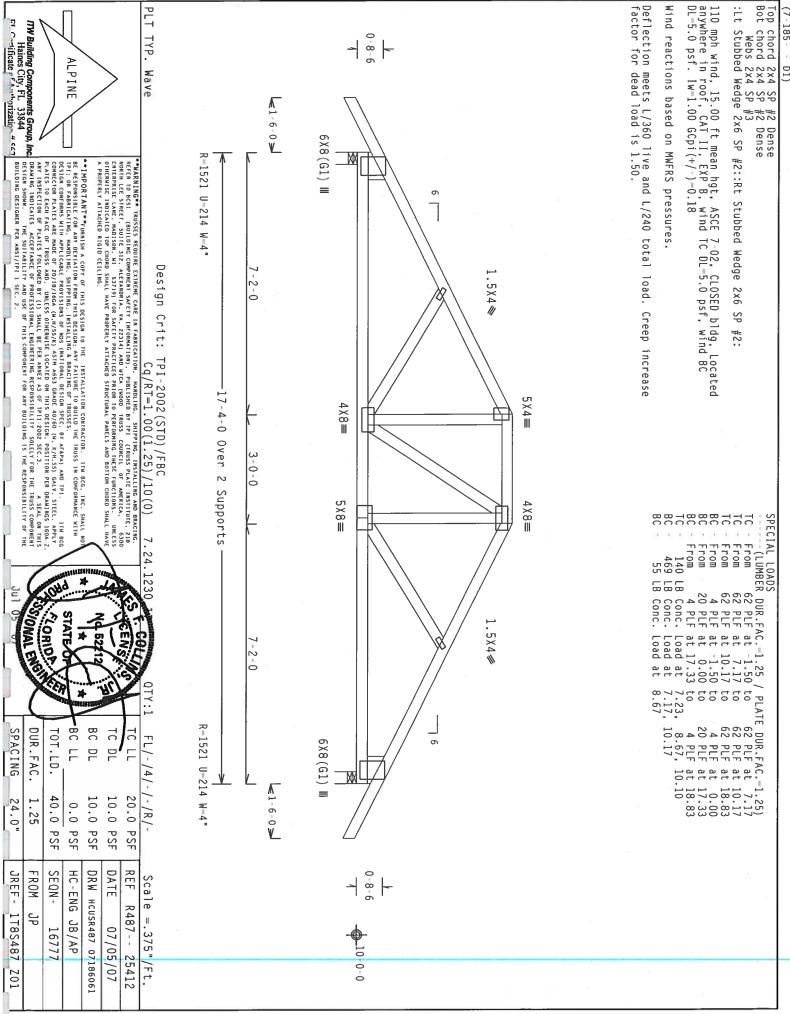
DESIGN COMPORMS, MIH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SECE, NAY AREA), AND TPI.

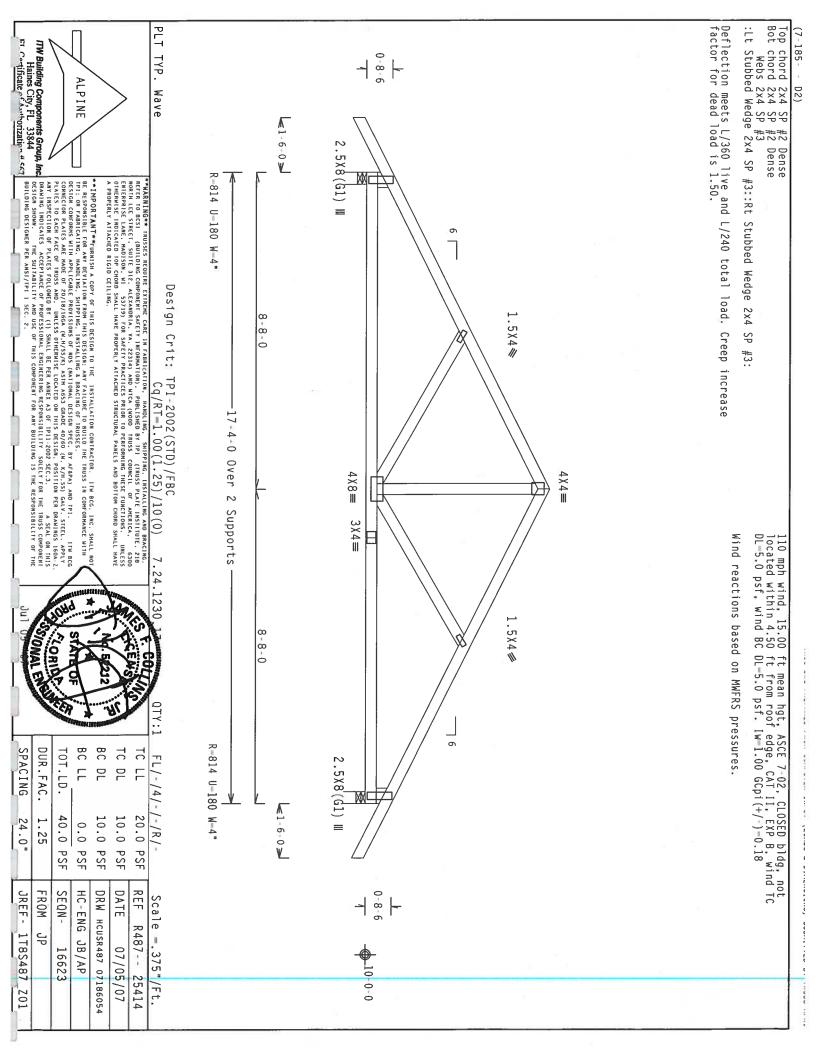
PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERNISE LOCALED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SMALL BE PER ANNEX AS OF TPIL-200 SEC. 3.

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY OR THE TRUSS COMPONENT DESIGN SHOWN.

THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANS TE DUR.FAC.=1.25)
62 PLF at 9.83
62 PLF at 14.83
62 PLF at 24.67
20 PLF at 24.67
21.90, 12.77, 14.77
, 11.90, 12.77, 14.77 1.5X4 9-10-0 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4×6≡ 4 X 8≡ 24-8-0 Over 4 X 4 == 5-0-0 2 Supports Nailing Schedule: (12d_Box_or_Gun_(0.128*x3.25*,_min.)_nails)
Top Chord: 1 Row @12.00* o.c.
Bot Chord: 1 Row @11.25* o.c.
Webs : 1 Row @ 4* o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures 4 X 8 ≡ 3 X 4≡ COMPLETE STONAL ENGINEE STATE TRUSSES σ 1.5X4 / 9-10-0 QTY:1 REQUIRED BC LL BC DL TC DL TC LL SPACING DUR.FAC. TOT.LD. FL/-/4/-/-/R/-R-2960 U-572 24.0" 1.25 40.0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF 4X6(B2) =PSF 186 JREF -SEQN-DATE REF FROM HC-ENG JB/AP DRW HCUSR487 07186060 Scale =.3125"/Ft. R487---1T8S487 16860 07/05/07 25410 0-0-0 Z01





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

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

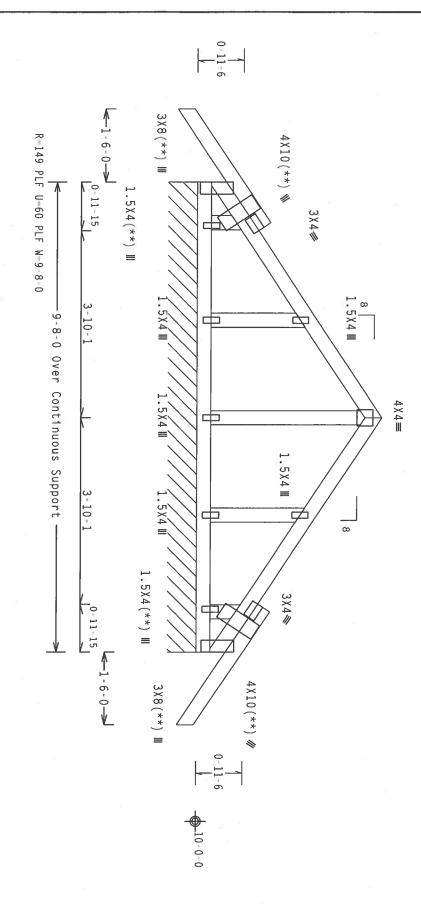
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

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

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

See DWGS All015EE0207 & GBLLETIN0207 for more requirements

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.



HARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING.

RETER TO SECSI (MULTOING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218)

MORTH LEE STREE, SUITE 312. ALEXANDRIA, VA, 22314) AND MICA (MODOD TRUSS COUNCIL OF AMERICA, 6300

ENTERPRISE (LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS
OTHERWISE HOLICANED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

Design Crit:

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN IO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION PROM THE DESIGN. ANY FAILURE FOR BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FABRICATING, AMOUNTIGS, SHEPTING, INSTALLING & BRACHING OF TRUSSES, OR FARPA) AND TFI. DISTINGUES OF CONNECTION FOR THE STATE ARE MADE OF ZO/JOJEGA, WHISTOS, KINTIONAL DESIGN SPEC, BY AFRA) AND TFI. ITIN BCG CONNECTOR PLATES ARE MADE OF ZO/JOJEGA, WHISTOS, KINTIONAL DESIGN SPEC, BY AFRA) AND TFI. THE VILLES AND LUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAMHRIS 160A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPI1-ZOOZ SEC. 3. AS AS ALON THIS DESIGN ACCEPTANCE OF PROFESSIONAL ENGLIEFEDING RESPONSIBILITY SOLELY FOR THE THUSS COMPONENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



J	*	R	*	1.7		1
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	10 11
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T8S487 Z01	FROM JP	SEQN- 108558 REV	HC-ENG JB/AP	DRW HCUSR487 07186064	DATE 07/05/07	REF R487 25416

Scale = 5"/Ft

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

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

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\cdot$

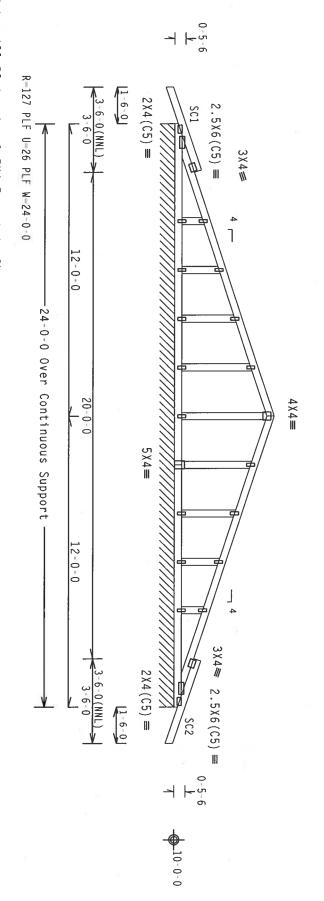
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.



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 RUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING. INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONIEN) SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE SIREEI, 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 HONOLAND TO AND SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPONMANCE WITH PI: OR FARRICATING, ANNOLING. SHIPPIG, INSTALLING & BRACKLING OF TRUSSES.

DISTOR COMPONEN WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AERA) AND TPI. TIM BCG CONNECTOR PALES ARE MADE OF 70/19/19/GAC (H.H.SSK), ASTH AGAS GRADE 40/66 (H. K/H.SS) GALV. SIEEL. APPLY DLATES TO EACH FACE OF TRUSS. AND. UNLESS OTHERNISE LOCATED ON THIS OESIGN, POSITION PER DRAWINGS 180A. Z. ANY HISPECTION OF PALTES FOLLOWED BY (1) SHALL BE PER AIMEY AS OF TPI1/2002 SEC.3. A SEAL ON THIS OBSAINS ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLICLY OR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENG DESIGN SHOWN. THE SUITABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. D2 SEC.3.
A SEAL ON THIS SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE

ITW Building Components Group, Inc. Haines City, FL 33844 Ft Confificate of Authorization 4 CCT

ALPINE

TOWAL EMBINET TATE BC LL BC DL TC DL DUR.FAC. SPACING TOT.LD. 40.0 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF SEQN-DATE JREF-FROM HC-ENG DRW HCUSR487 07186065 1T8S487 JB/AP 07/05/07 16766

Z01

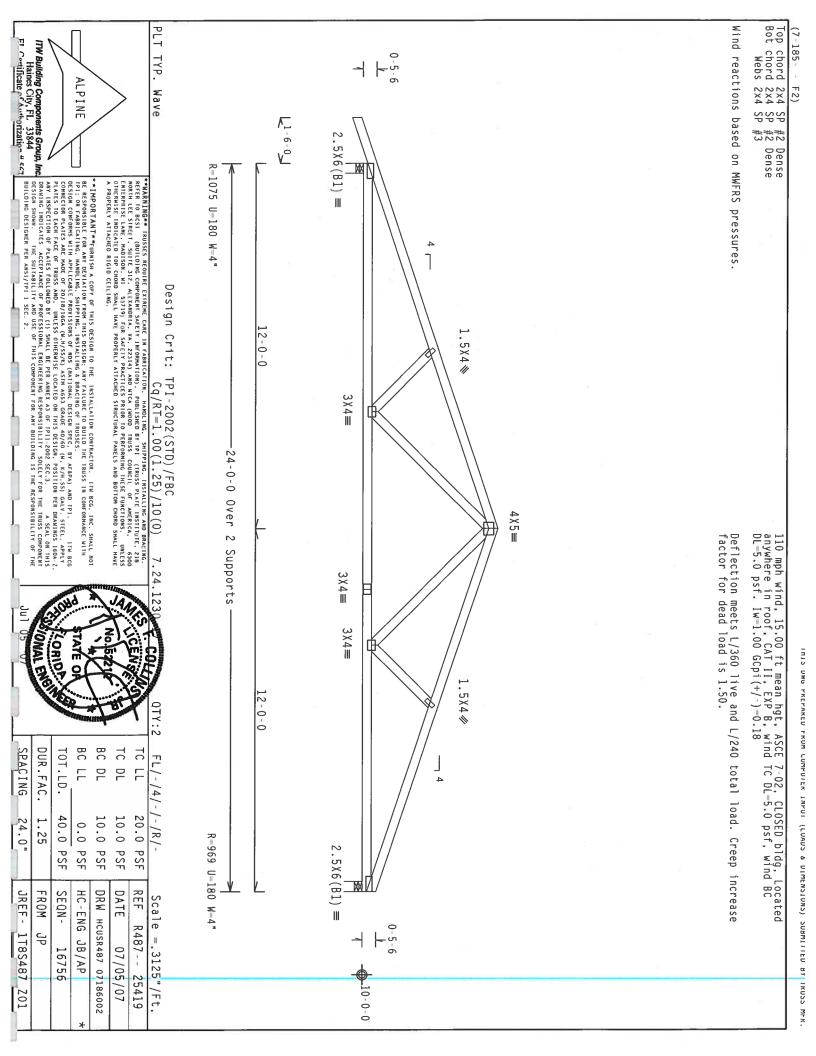
IC LL

20.0 PSF

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

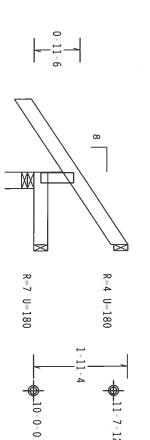
Scale = .25" R487--

25417 Ft.



701

Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord. Wind reactions based on MWFRS pressures. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense :Lt Stubbed Wedge 2x6 SP #2: (7-185 - CJ3) 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



2.5X8(G1) W

1-6-0-1 1-5-14 Over 3 Supports R-218 U-180 W-4"

***HARNING** TRUSCES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), POBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. Z2314) AND NTCA (MODO TRUSS COUNCIL OF AMERICA. 6300 CHIERPRISE (LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INJECTION OF THE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TRICTURG. SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR AWY DEPLATION FROM THIS DESIGN. AWY FALLURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI: ON FABRICATING, HANDLING. SHIPPING, INSTALLING A BRACKING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (MATIONAL DESIGNS SPEC, BY AFAPA) AND TPI. OF COMMECTION PACES ARE ADDITIONAL DESIGNS AND TRUSSES.

PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 160A-Z. ANY HRSPECTION OF PLATES POLLOWED BY (1) SHALL BE FER ANNEX AS OF FPII-2002 SEC.3. AS SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

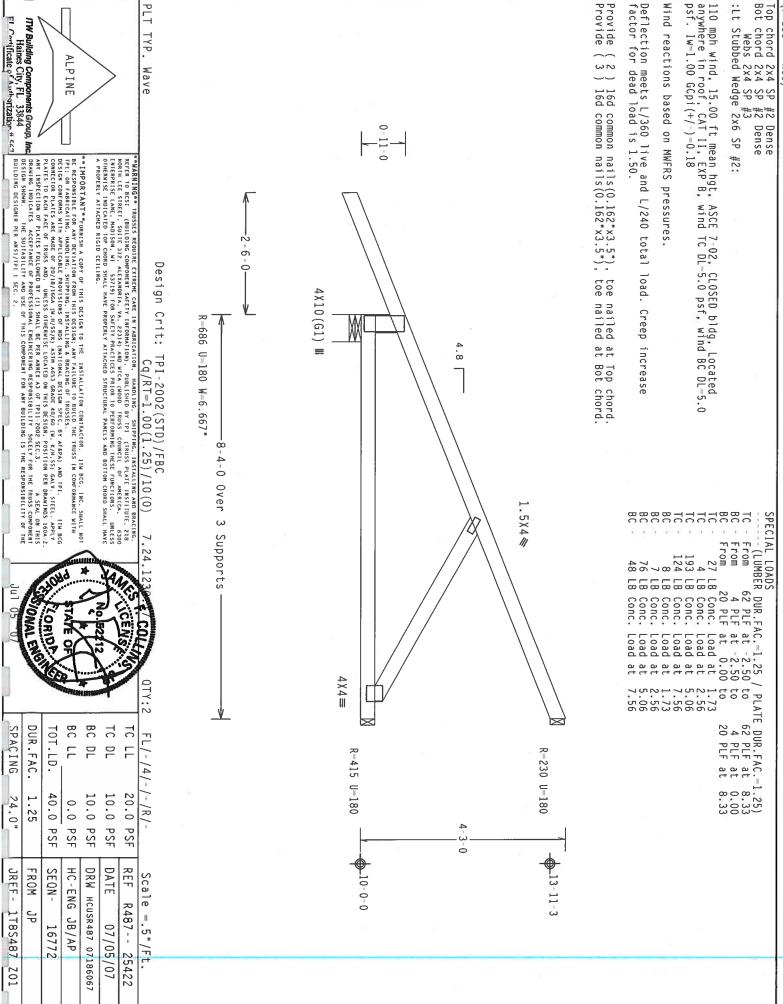
THE SUITIABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group, Inc. Haines City, FL 33844 FL Certificate of Authorization # 562

ALPINE



Z01



Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50.\,$ Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense :Lt Stubbed Wedge 2x6 SP #2: Haines City, FL 33844 TYP. ALPINE Wave **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 TAILURE TO BUILD THE TRUSS IN COMPORANCE WITH PPI: OR FABRICATING, ANDLOIG, SUPPING, INSTALLING A BRACHEG OF TRUSSES, DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS SCHALLING A BRACHEG SPEC. BY AFAFA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/189/1804, (M. 1/5/XX) ASTH AGES GRADE 40/560 (M. X/M. SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. BUNESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 180A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEX A 30 FPI; 2002 SEC. 3. A SEAL ON THIS DRAMING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOWN. THE SUITABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **MARNING** IRUSSES REBUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUIFE DIZ, ALEXANDRIA, VA, 2231) AND MICHA (MODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, HADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNICSS OTHERNISE INDICATED TOP CHORO SMALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORO SMALL HAVE PROPERLY ATTACHED RIGID CELLING. -2-6-0-Design Crit: 4X10(G1) III 4.8 \mathbb{M} =599 0 = 180TPI-2002 (STD) /FBC Cq/RT=1.00(1.25)/10(0) W=6.667" 0-8-9 0ver 3 Supports Provide Provide SPECIAL LOADS From -(LUMBER DUR.FAC.=1.25 / From 62 PLF at -2.50 t From 4 PLF at -2.50 t From 20 PLF at 0.00 t 55 LB Conc. Load at 4 LB Conc. Load at 203 LB Conc. Load at 21 LB Conc. Load at 7 LB Conc. Load at 83 LB Conc. Load at (3 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord 16d common nails (0.162"x3.5"), toe nailed at Bot chord ORIO R-146 U-180 R=336 U=180 QTY:1 1.73 2.56 5.06 1.73 2.56 5.06 tο to to PLATE TE DUR.FAC.=1.25)
62 PLF at 6.67
4 PLF at 0.00
20 PLF at 6.67 DUR.FAC. BC DL TC DL TC LL TOT.LD. FL/-/4/-/-/R/-Ö 13-3-8 1.25 40.0 10-0-0 10.0 PSF 10.0 PSF 20.0 PSF 0.0 PSF PSF DATE REF FROM SEQN-DRW HCUSR487 07186069 HC-ENG JB/AP Scale = .5"/Ft. R487---16891 07/05/07 25424

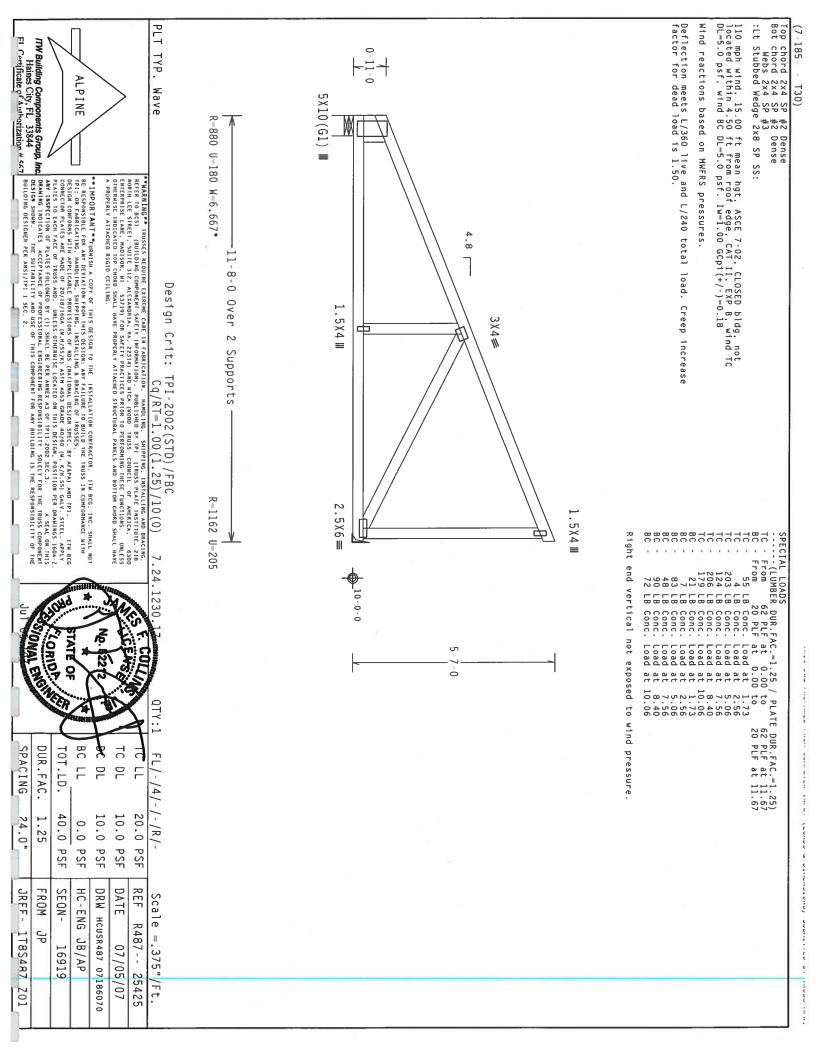
SPACING

24.0"

JREF -

1785487

_Z01



ווודי משח וצרושצרם וצמון רמוובמולט דעבמו לרמעמי פ מזערעיזנעם? ממשודוובה פו ועמים וועשי

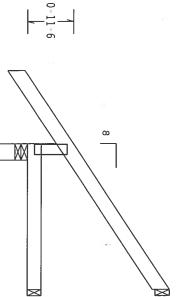
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense :Lt Stubbed Wedge 2x6 SP #2:

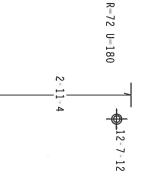
Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Top chord. Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Bot chord.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





★1-6-0-> R-255 U-180 W-4' 11-14 Over 3 Supports

2.5X8(G1) III

R=28 U=180

10-0-0

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, SUIF ZIZ, ALEXANDRIA, NA, ZSZJA) AND NICA (MODD TRUSS COUNCIL OF ANKRICA, 6300 ENTERPRISE LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERNISE INDICATED TOP COMPOS SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. Cq/RT=1.00(1.25)/10(0)

Design Crit:

TPI=2002 (STD) /FBC

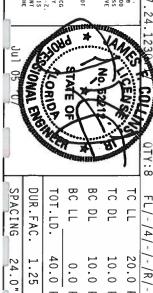
PLT TYP.

Wave

Haines City, FL 33844

FI —ifficate Chambarizatio — 4 647 **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PPI; OR FAREIGNATING, ANDLUGG. SHEPPING, INSTALLING & BRACHNG OF TRUSSES. DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS SCHATIONAL DESIGN SPEC. BY AFAPA, AND TPI. DESIGN COMPORES THAT APPLICABLE PROVISIONS OF HIS SCHATIONAL DESIGN SPEC. BY AFAPA, AND TPI. THIS DESIGN EXPLAINS TO EACH FACE OF TRUSS. AND. DIRECTOR PLATES OF THE STATE OF TRUSS. AND. DIRECTOR PLATES OF TRUSS. OF TRUSS. OF TRUSS. AND. DIRECTOR PLATES OF TRUSS. OF TRUSS. OF TRUSS. AND. DIRECTOR OF TRUSS. AND. DIRECTOR PLATES OF TRUSS. OF TRU

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SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	דכ רר
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF - 1T8S487 Z01	FROM JP	SEQN- 16493	HC-ENG JB/AP	DRW HCUSR487 07186003	DATE 07/05/07	REF R487 25426

Scale =.5"/Ft

THE COURT LEGISTED INVESTIGATION THEORY THEORY OF THE COURT OF THE COU

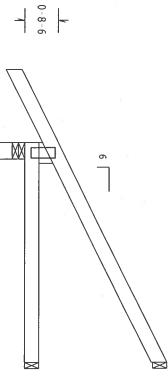
Bot Bot chord 2x4 SP #2 Dense chord 2x4 SP #2 Dense Stubbed Wedge 2x4 SP #3:

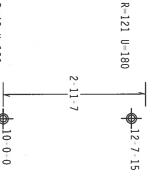
Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





=303 U=180 W=4" —4-6-3 Over 3 Supports - 2.5X6(G1) W

R-48 U-180

Design Crit:

PLT TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HIGTA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENLEGENEISE LINE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE THICTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CELLING. TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

ITW Building Components Group, Inc. Haines City, FL 33844 FI Certificate of Authorization # 567 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFINATION FROM HIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH FDI: ON FABRICALING, HANDLING, SHIPPING, INSTALLING A BRACKING OF TRUSSES. WATER) AND TPI. DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI. DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ATAPA) AND TPI. PRINTED TRUSS OF TRUSSES, AND TRUSSES OF TRUSSES, AND TRUSSES,

ALPINE

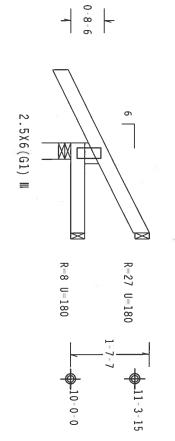
enuite e Ju I STONAL ENGRACES IAIE BC LL BC DL ַרר רר SPACING DUR.FAC. TC DL TOT.LD. 40.0 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF DATE JREF-FROM REF SEQN-HC-ENG DRW HCUSR487 07186005 R487--1T8S487_Z01 JB/AP 07/05/07 16501 25428

QTY:5

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

Scale =.5"/Ft.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:Lt Stubbed Wedge 2x4 SP #3: Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord. Wind reactions based on MWFRS pressures (7 - 185 -CJ1) 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. THE CAME LYCLAVER INCH COLLECT THEO! (FONDS & STRENSTONS) SOBESTIED OF HEVES HEVE ASCE wind 7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0



★1-6-0-**y** 1 - 10 - 3R=217 U=180 W=4" Over 3 Supports

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

PLT TYP.

Wave

MARNING* HOUSES BEQUIRE EXTREME CARE IN FABRICATION, IMPOLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (GUILDING COMPONENT SAFETY INFORMATION), PRILISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. Z2314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ERHEREPS (LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE HOUSEARD FOR THE STREET PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS A PROPERTY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP): ON FAREICATING, HANDLIGABLE PROVISIONS OF HIDS (INLINE) A BRACLING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIDS (INLINE) ABACHING OF TRUSSES. AND TP].

CONNECTION PLATES ARE MADE OF 70/19/15/GA (M.H.55X) ATMENTS. AND THIS DESIGN SPEC. BY AFAPA) AND TP].

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 ANKEY A) OF IP11-2002 SEC. 3.

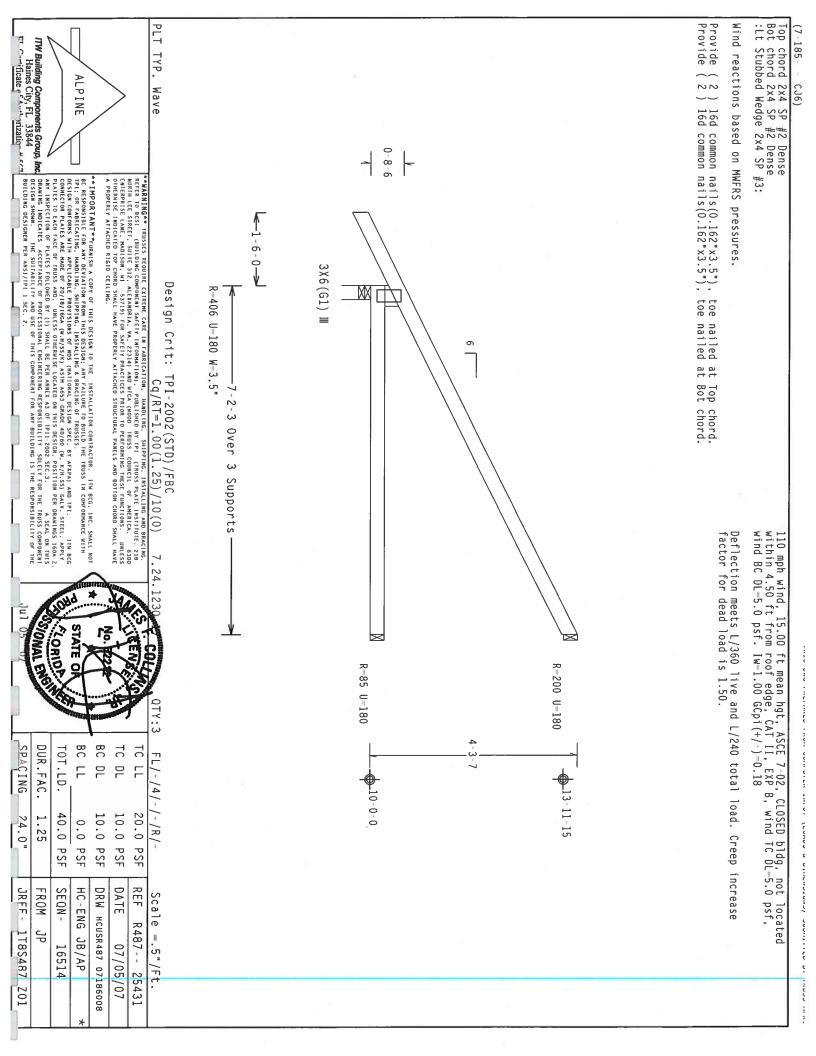
ASSAL ON THIS DEATH OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN.

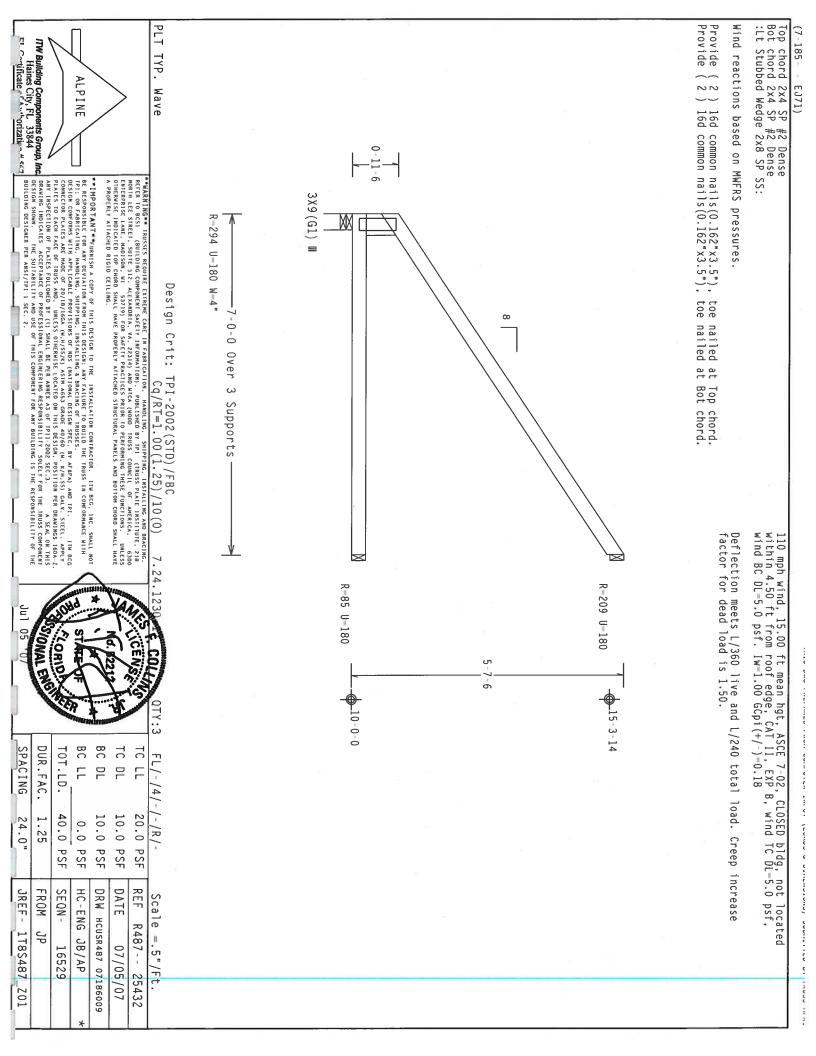
THE SUITABLITY AND DUSE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ALPINE

CORNO SIAIB QTY:6 DUR.FAC. BC LL BC DL TC DL TC LL SPACING TOT.LD: FL/-/4/-/-/R/-40.0 20.0 PSF 10.0 PSF 1.25 10.0 PSF 24.0" 0.0 PSF PSF FROM DATE REF SEQN-HC-ENG DRW HCUSR487 07186006 JREF -Scale = .5"/Ft. R487---1185487 JB/AP 07/05/07 16505 25429

Z01





PLT TYP. Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense :Lt Stubbed Wedge 2x8 SP SS: Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Top chord. Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Bot chord. Wind reactions based on MWFRS pressures. (7-185 EJ72) ALPINE **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG. INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI: OR FABRICATING, MANDLIG. SUPPING, INSTALLING & BRACLING OF TRUSSES, DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. DESIGN COMPORES STATE ARE MADE OF 20/181/BCG. (M. H/S/S), ASTH MASS GRADE 40/50 (M. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER BOAMHROS 160A. Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKEY AS OF FPI1-2002 SEC. 3. A SEAL ON THIS DRAINED INCLATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF STORM SHOWN THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **HARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HAMDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 317, ALEXANDRIA, NA, 223-231) AIRD LATCA (MODD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRIST LAME, HADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE (MOLGATED TOP COMPONS MALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 3X9(G1) III R-294 U-180 Design Crit: 7-0-0 Over œ TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. IW=1.00 GCpi(+/-)=0.18 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. R-85 U-180 R=209 U=180 CORIO הידה משה ושרוטשרם ושמון המש מורש זשומו (רהשמת פ מזורשתונשת) ממחודוולה מו (ושחתים וושי 6 QTY:8 10-0-0 BC LL BC DL SPACING DUR.FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 bldg, not located TC DL=5.0 psf. PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR487 07186010 Scale = .5"/Ft. R487--1185487 JB/AP 07/05/07 16819 25433 _Z01

(7 - 185 -CJ8)

IHIS UNG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

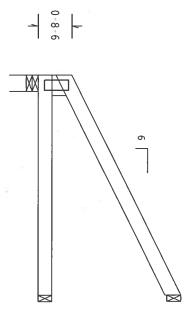
Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense :Lt Stubbed Wedge 2x4 SP #3:

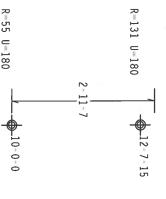
Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





2.5X6(G1) III

=186 U=180 W=4" -4-6-3 Over 3 Supports —

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

PLT TYP.

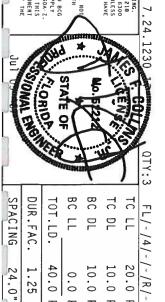
Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO SECSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TET (TRUSS PLATE INSTITUTE, 218
MORTH LEE STREEE, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MODD TRUSS COUNCIL OF AMERICA, 6300
EMTERPRISE (LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS
OTHERWISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGION CELLING.

Haines City, FL 33844
"ifficate" prizatig **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY TAILURE TO BUILD HE TRUSS IN COMPORANCE WITH PRI. ON FABRICATING, HANDLIGS, SHEPPING, INSTALLING & BRACHING OF TRUSSES.

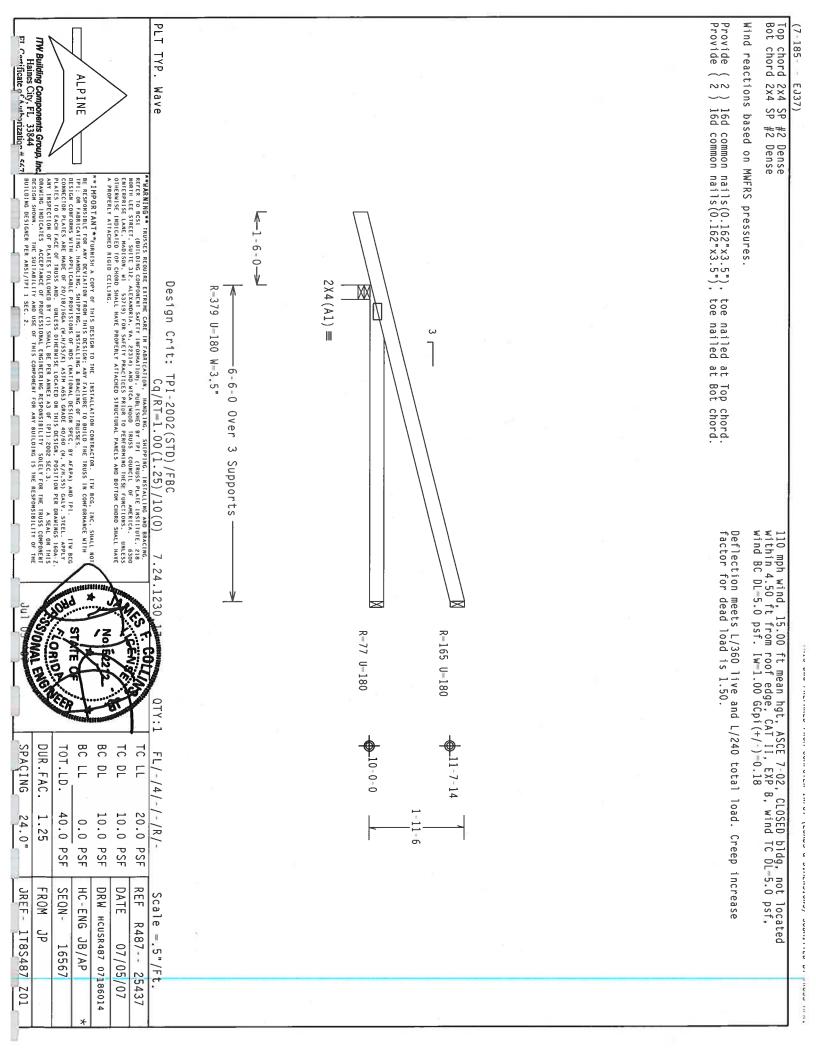
DESIGN COMPORES WITH APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. DESIGN CORPORES AND THE APPLICABLE PROVISIONS OF HIS (MATIONAL DESIGN SPEC, BY AFRA) AND TPI. THE COMPORT OF THE SPECIAL SPEC, BY AFRA AND TPI. DESIGN FOR THE SPECIAL SPEC, BY AFRA AND TPI. DESIGN FOR THE SPECIAL SPEC, BY AFRA AND TRIS OF THIS DESIGN SPEC, BY AFRA AND TRIS OF THIS DESIGN FOR THIS DESIGN FOR THE SPECIAL OF THE SPECIAL O

ALPINE



j		September 1	FUNI	F		1
SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF- 1T8S487 Z01	FROM JP	SEQN- 16541	HC-ENG JB/AP	DRW HCUSR487 07186011	DATE 07/05/07	REF R487 25434
201				36011	07	434

Scale = .5"/Ft



Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Top chord. Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Bot chord. Top chord 2x4 SP Bot chord 2x4 SP Wind reactions based on MWFRS pressures (7-185--Haines City, FL 33844 TYP. Wave ALPINE EJ371) #2 Dense #2 Dense **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 COMPORMANCE WITH PPI; OR FABRICATING, ANDIDING, SIMPPING, INSTALLING & BRACHING OF TRUSSES, DESIGN COMPORNS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ATRAPA) AND TPI. IN BOCCONNECTOR PLATES ARE MADE OF 20/18/16GA (M.H.S.XIX) ASTALLANDE 40/56 (M. X.H.S.S) GALV. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. JUNESS OTHERNISE LOCATED ON HIS DESIGN, POSITION PER DRAWHINGS 160A. Z. ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER AS OF PPI; 2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES 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 **WARNING** RUSSES 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 HTCA (MODD TRUSS COUNCILS OF AMERICA, 6300 ENTERPRISE LAME, HADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PORDOD 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 $2X4(A1) \equiv$ R-268 U=180 W=3.5" Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 6-6-0 Over 3 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=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. R-84 U-180 R=172 U=180 CORID הודה השה ושרו ששורה ושהו להנות הודש לבהטחם ש הדנורע הרושי החשי וורה מז ושהים נות שי ₩10-0-0 BC LL BC DL DUR.FAC. TC DL SPACING TC LL TOT.LD. FL/-/4/-/-/R/-24.0" 40.0 PSF 10.0 PSF 10.0 PSF 20.0 PSF 1.25 0.0 PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR487 07186015 Scale = .5"/Ft. R487--1185487 JB/AP 07/05/07 16572 25438 _Z01

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense :Lt Stubbed Wedge 2x4 SP #3: (7-185---T33)

Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Top chord. Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed at Bot chord.

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

יוודי משה נטרוטטרה וטהון המוח מוכט דענמו (רמטחים מ מזורשיזמשים) ימפונדוורה פו וועמים ווועי

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

0-8-6 6 R-21 U-180

R=55 U=180

 $-11 \cdot 3 \cdot 15$ 10-0-0

1-10-3 Over 3 Supports

2.5X6(G1) III

R=76 U=180 W=4" Design Crit:

PLT

TYP.

wave

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO ESCI (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE ZIZ ALEXANDRIA, VA, 22314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED RIGHT CHORD SMALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0)

ITW Building Components Group, Inc. Haines City, FL 33844 F1 Condificate of Authorization # 547

ALPINE



PSF

SEQN-

16576

HC-ENG JB/AP

DRW HCUSR487 07186016

FROM

JREF-

1T8S487

Z01

QTY:2

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

Scale = .5"/Ft. R487---

DATE REF

07/05/07 25439

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense :Lt Stubbed Wedge 2x6 SP #2: PLT TYP. Provide (2) 16d common nails $\{0.162\text{"x}3.5\text{"}\}$, toe nailed at Top chord Provide (2) 16d common nails $\{0.162\text{"x}3.5\text{"}\}$, toe nailed at Bot chord Wind reactions based on MWFRS pressures (7-185 T54) Haines City, FL 33844
FL Crafficate of Authorization 4 547 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIALTION FROM HIS DESIGNE, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACKING OF TRUSSES.

DESIGN COMPORES WITH APPLICABLE PROVISIONS OF MIDS (MATIONAL DESIGN SPCC, BY AFAPA) AND TPI.

DESIGN EXPERTION PLATES ARE ALOF OF ZOL/38 JGGA. (M. H/SS/X) ASTH ASSA GRADE 40/96 (M. K.M.S. SIEEL. APPLY PLATES TO EACH FACE OF TRUSS. AND. UNICES OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 166A. Z.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNER X.3 OF FPII. ZODOZ SEC. 3.

ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNER X.3 OF FPII. ZODOZ SEC. 3.

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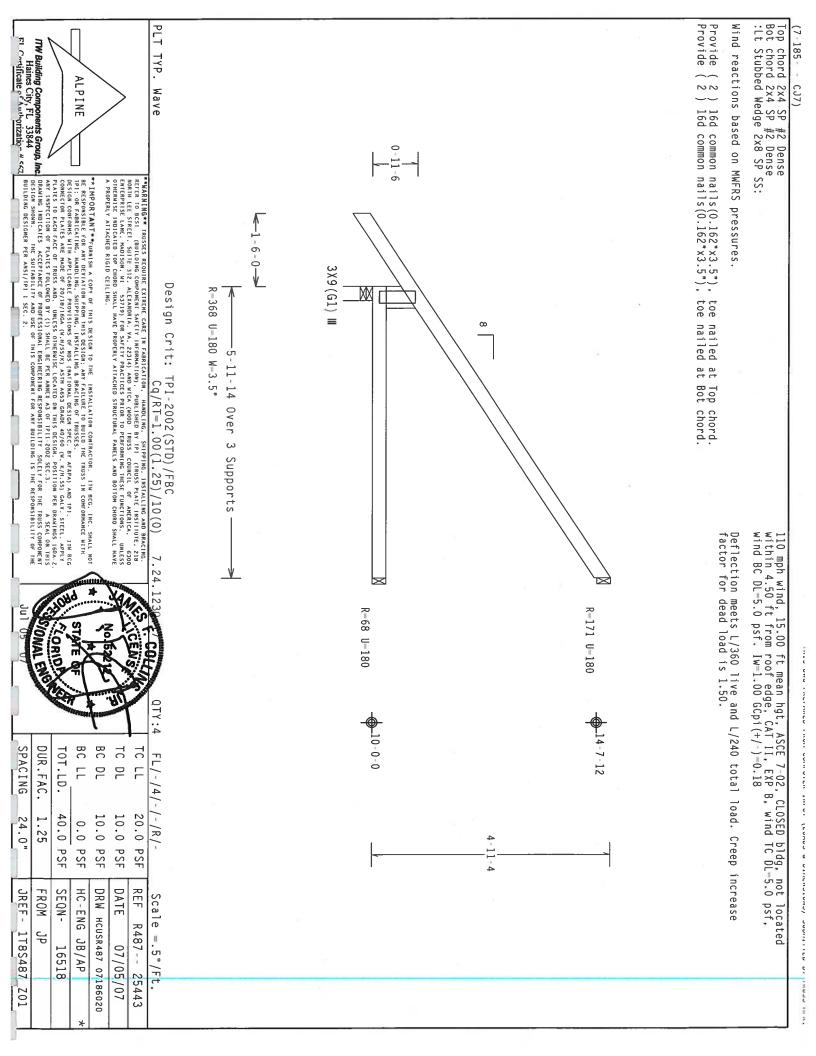
ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNER X.3 OF FPII. ZODOZ SEC. 3.

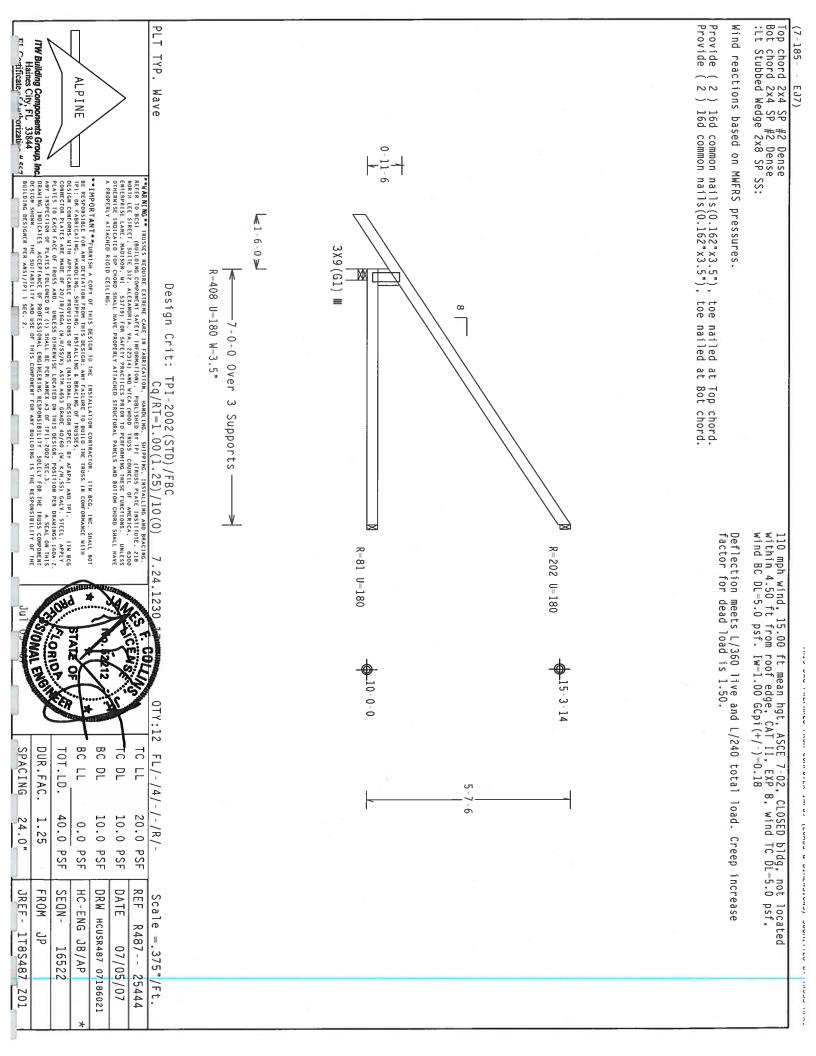
ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNER X.3 OF FPII. ZODOZ SEC. 3.

AND HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE AND X.3 OF FPII. ZODOZ SEC. 3.

AND HISPECTION OF THE X.3 OF FPII. ZODOZ SEC. 3.

AND HI 2.5X8(G1) III R=168 U=180 W=4* ←-4:0-0 Over 3 Supports -> α Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) R=121 U=180 R-47 U-180 110 mph wind, 15.00 ft mean hgt, anywhere in roof, CAT II, EXP B, psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. **→** 10-0-0 QTY:1 6 ASCE wind BC LL BC DL SPACING DUR FAC. TC DL TC LL TOT.LD. FL/-/4/-/-/R/-7-02, CLOSED bldg, Located TC DL=5.0 psf, wind BC DL=5.0 24.0" 1.25 40.0 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR487 07186019 Scale =.5"/ft. R487--1T8S487_Z01 JB/AP 07/05/07 16800 25442





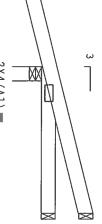
Top chord 2x4 SP Bot chord 2x4 SP #2 Dense #2 Dense

Wind reactions based on MWFRS pressures

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



R-59 U-180

R-26 U-180

10-9-6 10-0-0

1-6-0-1 2X4(A1) =R=255 U=180 W=3.5" 3-0-0 Over 3 Supports

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

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEFIATION FROM THIS DESIGNS ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PDISOR FARENCE, THE AND LIGABLE PROVISIONS OF HOS (LATIONAL DESIGN SPEC. BY ATRA) AND TPI. CRIEF PROVISIONS OF HOS (MATIONAL DESIGN SPEC. BY ATRA) AND TPI. CRIEF PROVISIONS OF HOS (MATIONAL DESIGN SPEC. BY ATRA) AND TPI. CRIEF. APPLY CONNECTION PRIES ARE MADE OF 20/18/16GA (M. H/SSK)/) ASTH ASSECTION PRE BRANHKS 16GA Z. APPLY PROVISION FOR DESIGN PROVISIONS OF THIS DESIGN PROSITION PRE BRANHKS 16GA Z. ANY INSPECTION OF PLATES TOLOHORD BY (1) SHALL BE PER ANKEX AS OF TPIL-2002 SEC. 3. AS SA.Q ON THIS DESIGN AS 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

ALPINE

7.24.1230 QTY:4 TC FL/-/4/-/-/R/-

					_1	
SPACING	DUR.FAC.	TOT.LD.		BC DL	TC DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JRFF- 1T8S487 Z01	FROM JP	SEQN- 16551	HC-ENG JB/AP	DRW HCUSR487 07186022	DATE 07/05/07	REF R487 25445

Scale = .5"/Ft

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

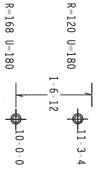
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy. Hipjack supports 5-0-0 setback jacks with no webs.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

~~ 16d common nails (0.162"x3.5"), toe nailed at Top chord 16d common nails (0.162"x3.5"), toe nailed at Bot chord

2X4(A1) =2.12 2 X 4 ≡ 3 X 4≡



R-299 U-180 W-4.95" 7-0-14 Over 3 Supports

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

PLT

TYP.

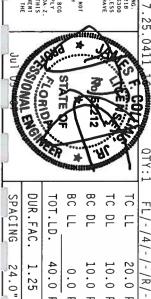
Wave

WARNING RUSSES REQUIRE ÉXTRÈME CARE IN FABRICATION, HANDING. SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY FPI (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREEE, SUITE 312, ALEXANDRIA, VA. 22314) AND HTCA. (MODO TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, NJ 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INJURIED TO PERFORMING THESE FUNCTIONS. UNLESS A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH PPICOR FARRICATING, ANADIAGE. SIPPING, INSTALLIG & BRACKING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROPYSIONS OF HOS (MATIONAL DESIGNS SEED, AV ATAPA) AND TPI. DESIGN CONFORMS SEED OF 20/18/18/6A (4) H/55/5/X) ASIH ASSO GRADE 40/50 (4), K/H-53) GALV. SIEGL. APPLY PLATES TO EACH FACE OF TRUSS AND. DURESS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS 160A Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKER AS OF TPIT-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 ANKS//PPI 1 SEC. 2.

TW Building Components Group, Inc. Haines City, FL 33844 FI Condificate of Authorization # 547

ALPINE



l			-03	**********			_
	SPACING	DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL	TC LL
	24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
	JREF - 1T8S487_Z01	FROM JP	SEQN- 108576 REV	HC-ENG JB/AP	DRW HCUSR487 07186071	DATE 07/05/07	REF R487 25446

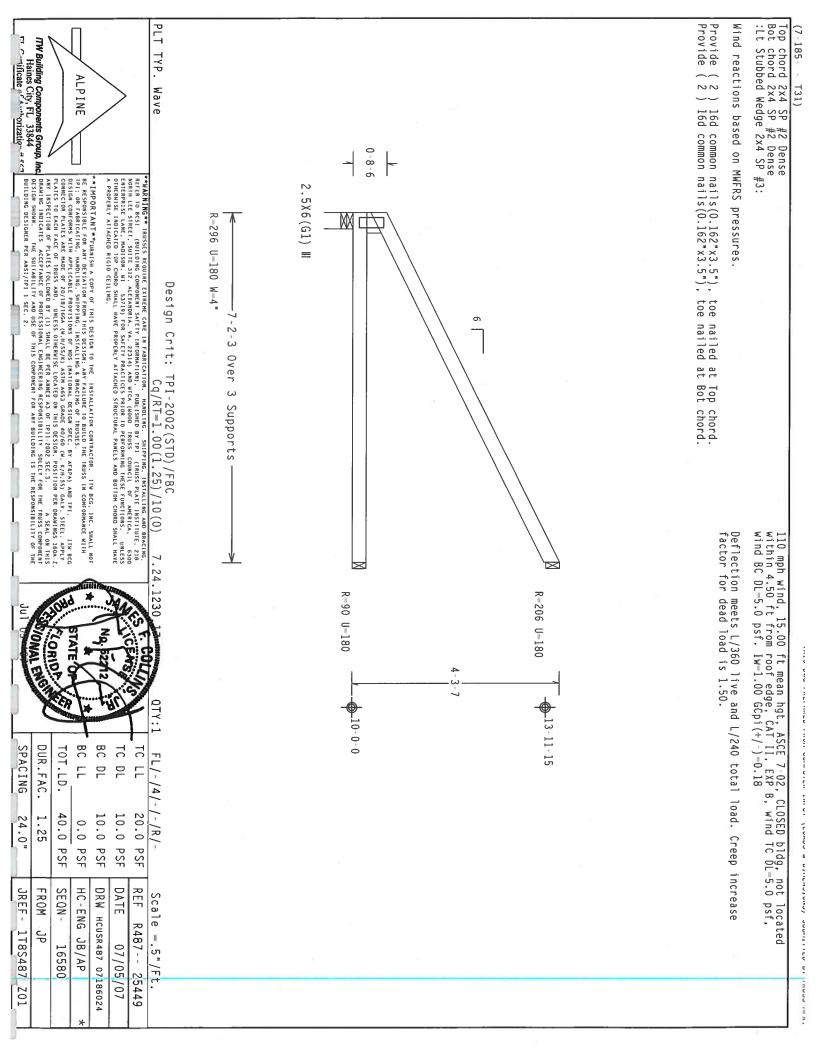
Scale =.5"/Ft

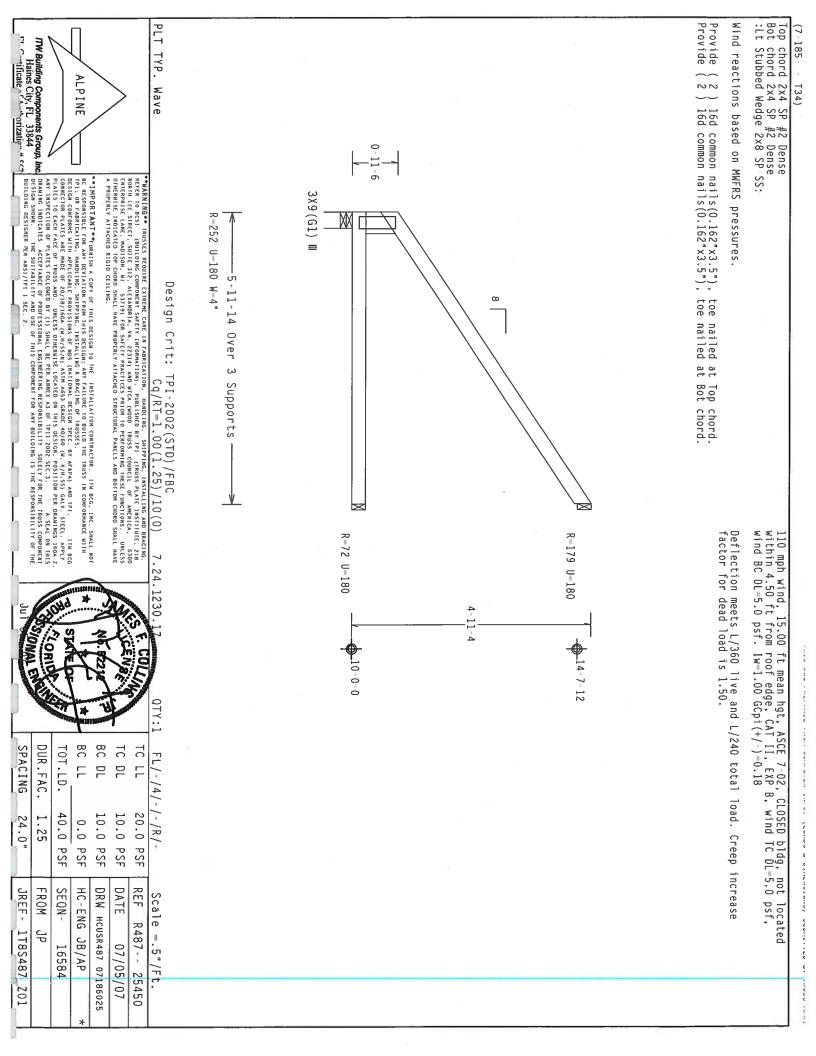
Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord. Wind reactions based on MWFRS pressures. Top chord 2x4 SP Bot chord 2x4 SP (7-185-Haines City, FL 33844

rt rtificate (orizati " () TYP. ALPINE CJ53) Wave #2 Dense #2 Dense **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN AVE TAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PIC OR FARRICATING. HANDLIGS. SHIPPING, INSTALLING & BRACLING OF TRUSSES, DAY ATRAPA AND TPI. CRIEF PROVISIONS OF HIDS (INSTORMAN BEACH OF OF TRUSSES) AND TRUS CONNECTION FAIRTS ARE MADE OF ZO/19/18/18/20, ANY LISTED AND HIS DESIGN SPEC. BY ATRAPA AND TPI. THE BEACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 150A.Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANKER AS OF TPIL-ZOOZ SEC. 3. AS SEA, ON THIS DESIGN SHOWN.

BRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT OF SHORT HE SUITABLILITY 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 SECTION (BULLDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREE, SUITE 312. ALEXANDRIA, V.A. ZEZIJA AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENLIGENCY AND SON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TO PUBLOB SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE $2X4(A1) \equiv$ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) MX =323 U=180 W=3.5" ω -5-0-0 Over 3 Supports 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED within 4.50 ft from roof edge, CAT II, EXP B, wind wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50. R-56 U-180 R-121 U-180 Jul. CORNO 10-0-0 DUR.FAC. BC LL BC DL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 10.0 PSF 10.0 PSF 20.0 PSF 0.0 TC DL=5.0 psf, PSF PSF DATE REF JREF -FROM SEQN-HC-ENG JB/AP DRW HCUSR487 07186023 Scale = .5"/Ft. R487---1785487 16557 07/05/07 25448 Z01

היידים השת יצרי בצרה יצריו לתוח הוכט לעובה לובלטרה ש מזורעידינעים! ההמזוויבה הו וצפים או איי





(7-185-T69)

ווואי כחר ניצרו טירה וצהנו להנו מודה לרסטס פ מזורטיזנטם? פהמודורם מו וצחסים ווואי

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

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

Wind reactions based on MWFRS pressures.

Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$

Fasten rated sheathing to one face of this frame

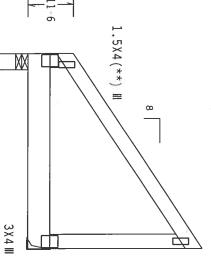
SPECIAL LOADS

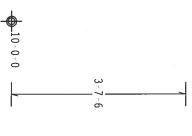
TC = From 64 PLF at 0.00 to 64 PLF at 4.00 BC - From 20 PLF at 0.00 to 20 PLF at 4.00 BC - 1016 LB Conc. Load at 0.73, 2.73

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

Right end vertical not exposed to wind pressure







R-1321 U-180 W-4" ←-4-0-0 Over 2 Supports --> R=1046 U=180

3 X 4 Ⅲ

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

PLT TYP.

Wave

A PROPERLY ATTACHED RIGID CEILING

IMPORTANT*URNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 11W BGG, INC. SHALL NO BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FABELGATING. HANDLING. INSTALLING & BRACHING OF TRUSSES.

DESIGN COMPORMS WITH APPLICABLE PROVISIONS OF NDS (MAIJONAL DESIGN SPEC. BY AFSPA) AND IPI.

THE BC CONNECTOR PLATES ARE MADE OF ZO/18/16GA (N.H/SS/K) ASTH AGS3 GRADE 40/50 (M.K/H.SS) GALV. SITEEL. APPLY LORNELTOR PLATES ARE MADE OF ZO/18/16GA (N.H/SS/K) ASTH AGS3 GRADE ON THIS DESIGN. POSITION PER DRAWINGS 160A.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPII-ZO02 SEC.3.

A SEAL ON THIS DRAWING INDICATES

ALPINE

BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. ROVISIONS OF NDS (MAITOMAL DESIGN SPEC, BY ARBA) AND TPI.

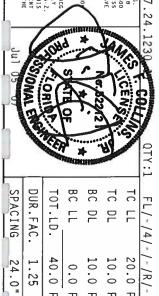
BY GO SHIGH WINSSEY, ASTIM AGES GRADE GAJGO (M. K/M.SS) GALV. SITEEL. APPLY OF WILESS OTHERWISE LOCATED ON HIS DESIGN. POSITION FER DRAWINGS 160A. Z
BY (1) SMALL BE PER ANNEX A3 OF TPI1-2002 SEC.3.

BY (1) SMALL BE PER ANNEX A3 OF TPI1-2002 SEC.3.

BY (1) STAIL BE PER ANNEX A3 OF TPI1-2002 SEC.3.

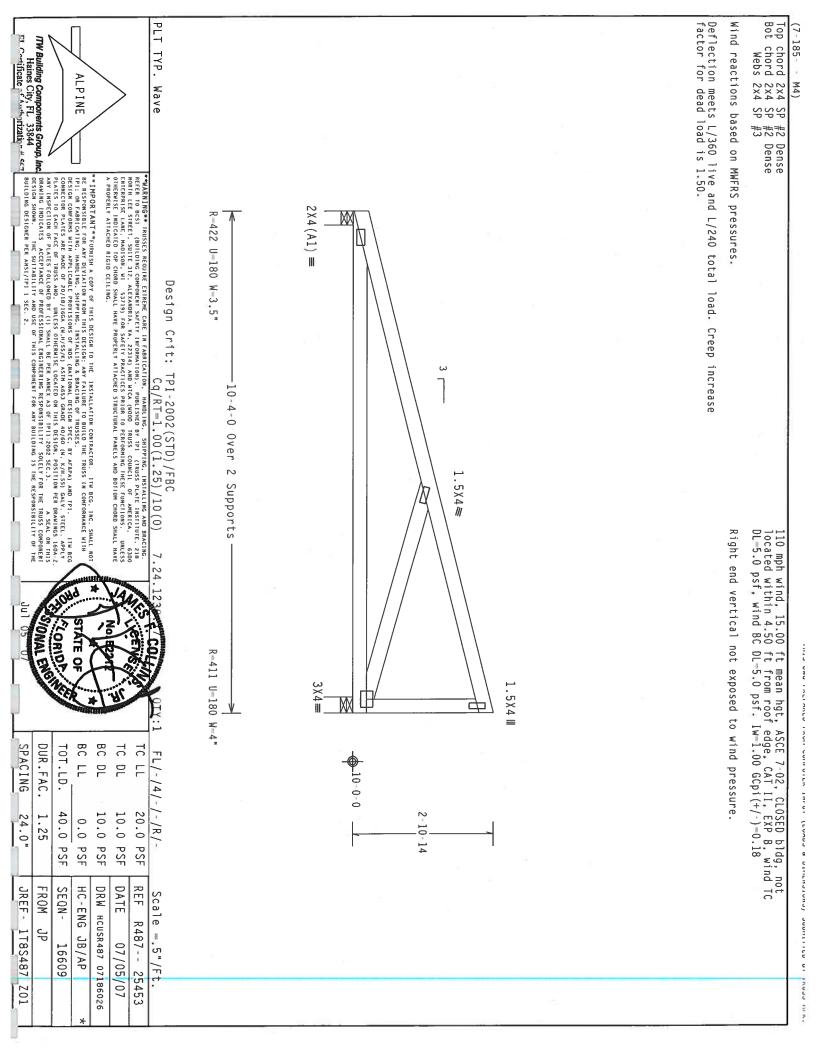
TO STAIL BE PER ANNEX A3 OF TPI1-2002 SEC.3.

TO STAIL BE PER ANNEX A3 OF TPI1-2002 SEC.3.



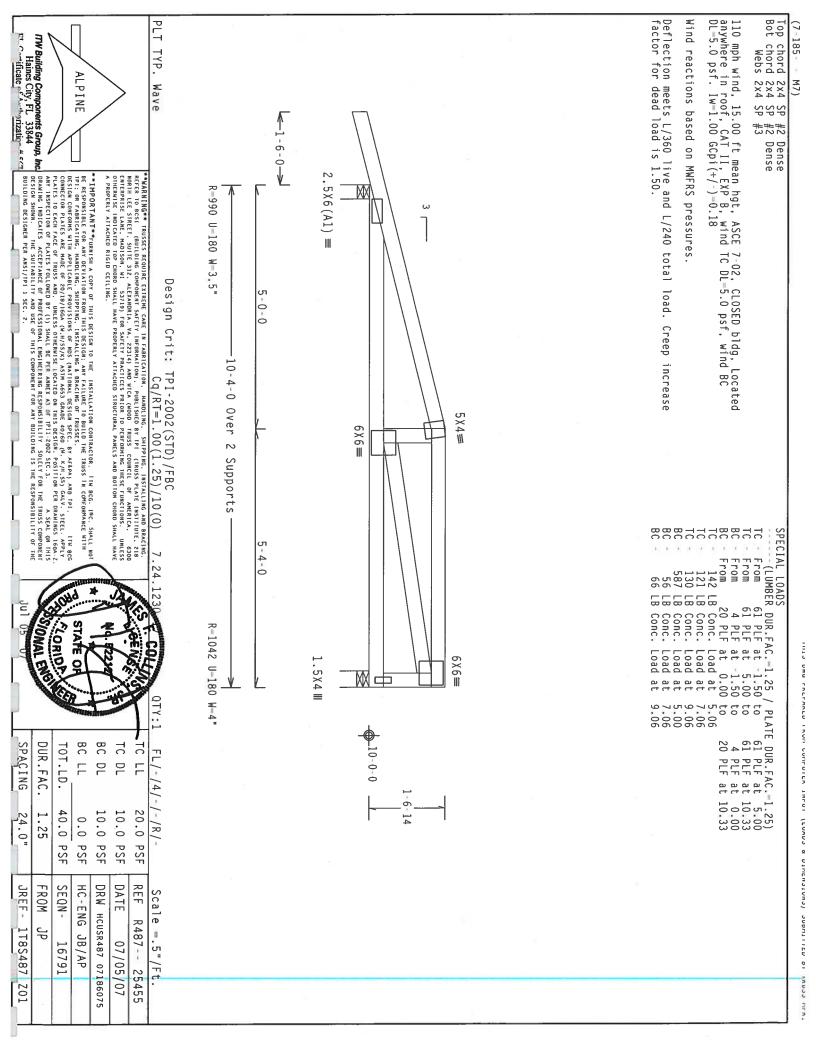
40.0 20.0 PSF 24.0" 10.0 PSF 1.25 10.0 PSF 0.0 PSF PSF DATE REF JREF -FROM SEQN-HC-ENG DRW HCUSR487 07186073 R487--1T8S487 Z01 JB/AP 16806 07/05/07 25451

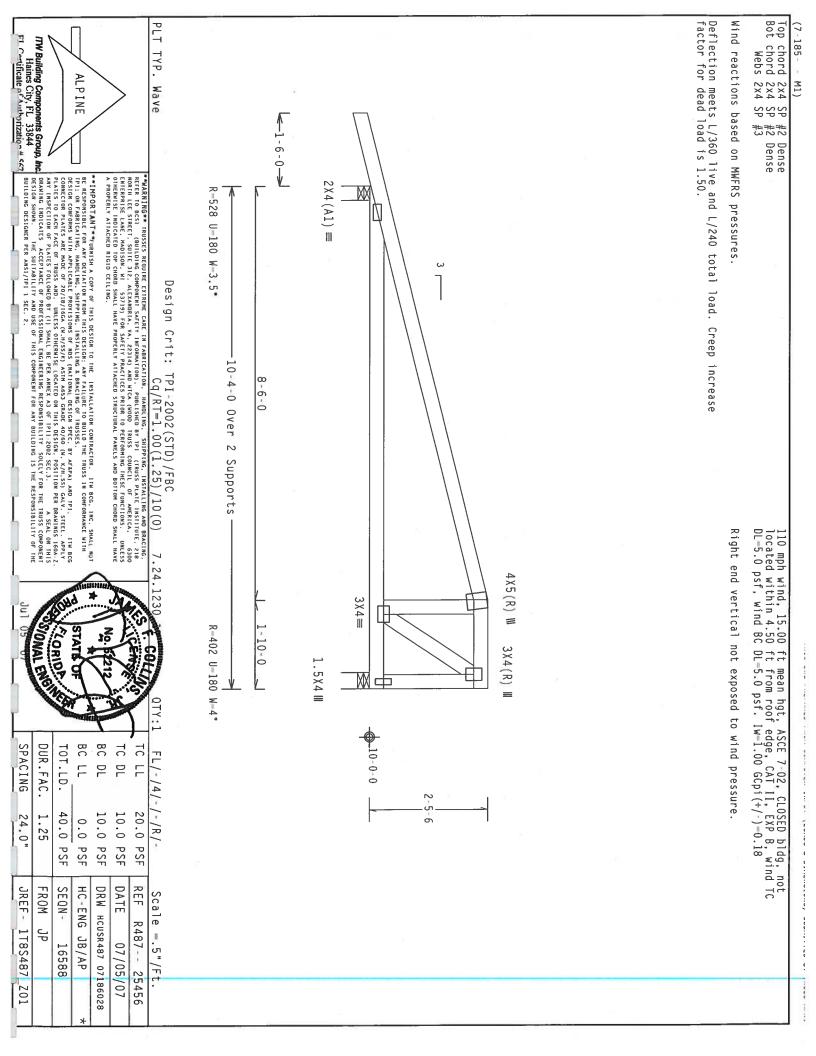
Scale =.5"/Ft.

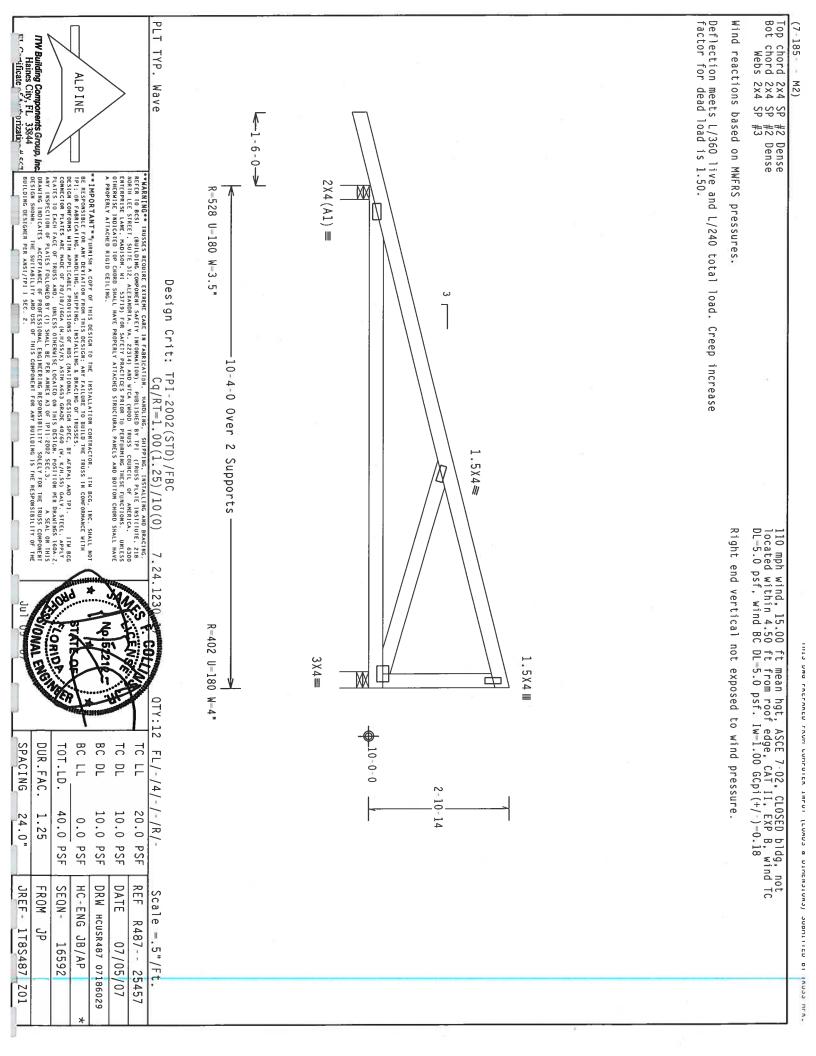


Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50.\,$ Wind reactions based on MWFRS pressures (7 - 185 -Haines City, FL 33844

Ft -- ificate -- "" prizatio -- "" (" -- "") Tizatio --TYP. ALPINE M5) Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, MY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH FPI; OR FABRICATING, MANDLUG, SHPPING, INSTALLING A BRACING OF TRUSSES, BUSICH COMPORNS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SECC. BY ATRA) AND TPI. ITM BCG COMMECTOR PLAITES ARE HADE OF 20/18/16/66 (M. M/SS/K) ASIM A653 GRADE 40/60 (M. K/M.53) GALV. SIEEL. APPLY PLAIES TO EACH FACE OF TRUSS AND. UNICSS OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLAIES FOLLOHED BY (1) SHALL BE FER ANNEX A3 OF FPII-2002 SEC. 3. SALA ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR NAMY BOLLY FOR THE TRUSS CORPOONENT. **WARNING** RUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING. SHIPPING, INSTALLING AND BRACING. REFER TO BESI (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. Z2314) AND HTCA (MODD TRUSS COUNCIL OT AMERICA. 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INJURIED TO PERFORMING THESE FUNCTIONS. UNLESS A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/IPI I SEC. 2X4(A1) ==422 U=180 W=3.5" Design Crit: ω TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 10-4-0 Over 2 Supports 9-0-0 .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=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Ju I 4X5(R) ₩ 3 X 4≡ ORIO נודה כשה וצבו טצרה וצמון במונ מודב דשנהו לבמשמת פ מדוובשמדמשה/ מממוזוובה מו R-411 U-180 W-4" 1-4-0 1.5X4 .5X4 Ⅲ QTY:1 中 中 BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-10-0-0 20.0 40.0 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF -6-14 PSF PSF JREF -DATE REF FROM SEQN-HC-ENG DRW HCUSR487 07186027 Scale =.5"/ft. R487--1T8S487 Z01 JB/AP 07/05/07 16613 25454 theore in n.







Bot chord 2x4 SP Webs 2x4 SP PLT TYP. Wind reactions based on MWFRS pressures. Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\cdot$ (7-185--Haines City, FL 3844

ET CATIFICATE OF ANT-STIZZEN- M CKT ALPINE M6) Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG. INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMFORMANCE WITH IPI: OR FARRICATION, HANDLING, SHIPPING, INSTALLING & BRACHING OF TRUSSES; DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SEC.) A KEENA, AND TRI. BCG. CONNECTOR PLAIES ARE HADE OF 20/18/16/36 (M.H/SS/K) ASTH A653 GRADE 40/50 (M.K/M.SS) GALV. STEEL, APPLY PLAIES TO EACH FACE OF TRUSS, AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINGS 166A-Z. ANY INSPECTION OF PLAIES FOLLOWED BY (I) SHALL BE PER ANNEX AS A FIFTI-2002 SEC.3. A SEAL ON THIS **WARNING.** TRUSSES REDUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO ESCI. (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 ENTERPRISE LANE, HAUSION, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERHISE INDICATED TOP CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SMALL HAVE 2X4(A1) =R-422 U-180 W-3 Design Crit: 7-0-0 TPI-2002 (STD) /FBC Cq/RT=1.00 (1.25) /10 (0) 10-4-0 Over SOLELY FOR THE TRUSS COMPONENT NG IS THE RESPONSIBILITY OF THE 2 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=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure 4 X 5 ≡ 3×4≡ \mathbb{H} CORIOR TATE O ייידים משם בערבאעלם בעמנו למנובמוכע זועבמו (רמשחם פו מזונכעפורעם) פחפעזווובת פו ווצחפם שבעי R-411 U-180 W-4" 3 X 4 ≡ .5X4 W BC LL BC DL TC DL TC LL SPACING DUR.FAC TOT.LD. FL/-/4/-/-/R/-10-0-0 40.0 10.0 20.0 10.0 PSF 2-0-14 24.0" 1.25 0.0 PSF PSF PSF PSF REF FROM DATE SEQN-JREF-HC-ENG DRW HCUSR487 07186031 Scale = .5"/Ft R487-- 25459 1T8S487 JB/AP 16617 07/05/07 Z01

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP Wind reactions based on MWFRS pressures Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is $1.50\,\mathrm{.}$ (7 - 185 -Haines City, FL 33844

Fi Calificate Chambonization # 547 TYP. ALPINE AP1) Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. FOR FAILURE TO BUILD THE FROMS THE COMPORMANCE WITH TP: OR FABRICATION. HANDLUNG, SHEPPIG., INSTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MATIONAL DESIGN SECC. BY AFRA) AND TPI.

DESIGN CONFORMS ARE HADE OF 20/19/166A (M.H/SS/N) ASIM 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 NAMEX 30 OF TPIL-2002 SEC. 3.

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

THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. **MARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, ZIB MORTH LEE STREET, SUITE 3172, ALEXANDRIA, VA, ZZIJA) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENLIERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORM HE THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TO PERFORM HE THESE FUNCTIONS. UNLESS A 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 R=4U=180 W=7.826" R=79 PLF U=29 PLF W=6-1-14 2X4(A1) Design Crit: 2-6-15 -3-0-15-8-1-8 Over 3 Supports 1.5X4 Ⅲ 4 X 4 = TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) ф 1-0-0 4 X 4 ≡ 中 1.5X4 III 2-6-15 σ 2X4(A1) =110 mph wind, 21.39 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf, Iw=1.00 GCpi(+/-)=0.18 Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details In lieu of rigid ceiling use purlins to brace BC @ 24" OC U-180 W-7.826' SOUNT ENGINEE BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-32.0 24.0" 1.25 10.0 PSF 20.0 PSF 0.0 2.0 PSF PSF PSF JREF -REF FROM SEQN-HC-ENG DATE DRW HCUSR487 07186056 Scale R487--1T8S487_Z01 =.5"/Ft. JB/AP 16887 07/05/07 25460

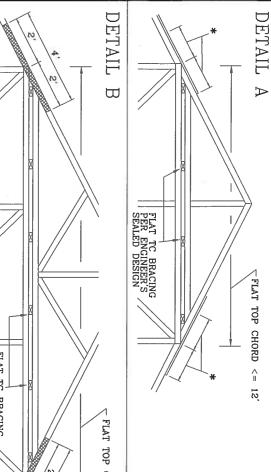
PIGGYBACK DETAIL

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

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

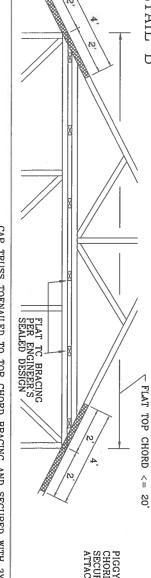
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF

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

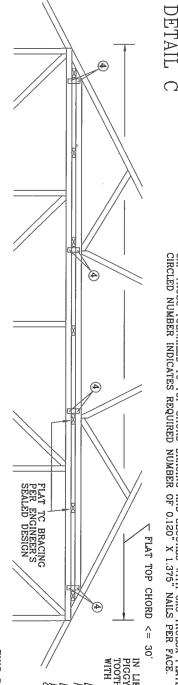


PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

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



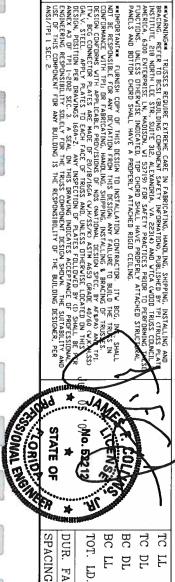
PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) IOd COMMON (0.148"X3") NAILS AND SECURED WITH ZX4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH IOd COMMON NAILS AT 4" O.C.



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

IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE. (4) 8d COMMON NAILS (0.131"X2.5")

THIS DRAWING REPLACES DRAWINGS 581,670 -8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC. የ 961,860



ITW BUILDING COMPONENTS GROUP, POMPANO BEACH, FLORIDA

ALPINE

5	TC LL	PSF REF	REF	PIGGYBACK
	TC DL	PSF	DATE	2/23/07
cor	BC DL	PSF	PSF DRWG	PIGBACKA0207
CENSON	BC LL	PSF	-ENG	-ENG DLJ/KAR
C120	TOT. LD. MAX 60 PSF	PSF		
本本	DUR. FAC. 1.15	0.		

24.0"

TOP CHORD BOT CHORD WEBS ### 388 888 C BETTER
C BETTER
C BETTER

PIGGYBACK DETAIL

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

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

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

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS. REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING

THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

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

E

F

F

MAX SIZE OF 2X12

20' FLAT TOP CHORD MAX SPAN

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



(4) 6d BOX (0.099"X 2.", MIN) NAILS.

C8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET. (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC

Ħ	D	C	В	Α	TYPE	TNIOL
4X6 OF	5X4	1.5X3	4X6	2X4	30'	
4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY	5X5	1.5X4	5X6	2.5X4	34'	SPANS UP TO
ULOX AT	5X5	1.5X4	5X6	2.5X4	38'	UP TO
4' oc.	5X6	1.5X4	5X6	3X5	52'	

OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 FOR TRULOX INFORMATION.

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS

				_	_	
ATT FAB (4)	10	7'9"	0, 1	WEB LENGTH		
ACH RICA	10' TO 14'	7'9" TO 10'	0 7	LENC		
O TEE	.4		9,	HI		۱
* PIGGYBACK SPECIAL PLATE ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (ADD OF THE PIGGYBACK AT THE TIME OF ADD OF THE PIGGYBACK SPECIAL BRANCH TO EACH TRUSS FACE ADD OF THE PIGGYBACK SPECIAL BRANCH TO EACH TRUSS FACE ADD OF THE PIGGYBACK SPECIAL BRANCH TO EACH TRUSS FACE ADD OF THE PIGGYBACK SPECIAL BRANCH TRUSS FACE ADD OF THE PIGGYBACK SPECIAL PLATE ATTACH THE PIGGYBACK SPECIAL PLATE FOR THE PIGGYBACK SPECIAL PLATE	2x4 "" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC.	124 "T" BRACE SAME GRADE SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5",MIN) NAILS AT 4" OC.	0' TO 7'9" NO BRACING	REQUIRED BRACING	WEB BRACING CHART	
9	WE	WEI				Ì
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LOCATION IS ACCEPTABLE

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> AND SPACE 4' OC OR LESS O. BACH IKUSS FACE

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PRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

	POMPANO BEACH, FLORIDA FINGIA	OF, NC.	_	GALV	/ IIV.	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_			PANEI	\ / FUNC	AMERI	11.SN1	BRACI
LINE OF THIS COMPONENT FOR ANY BUILDIN	VEEKING RESPONSIBILITY SOLELY FOR	X A3 DF TP! 1-2002 SEC. 3. A SEAL	DESIGN, POSITION PER DRAWINGS 160A-Z.	SALV. STEEL. APPLY PLATES TO EACH FA	ITW, BCG CONNECTOR PLATES ARE MADE O	IN CONFORMS WITH APPLICABLE PROV	DRMANCE WITH TPI; OR FABRICATING,	NOT BE RESPONSIBLE FOR ANY DEVIATION	ORTANTWW FURNISH COPY OF THIS I	PANELS AND BOTTOM CHORD SHALL HAVE	TIDNS. UNLESS OTHERWISE INDICATE	ICA, 6300 ENTERPRISE LN. MADISON,	INSTITUTE, 218 NORTH LEE STR., SUITE 31	BRACING. REFER TO BCSI (BUILDING COMP

AVARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLI BRACING. REFER TO BEST (BUILDING COMPUNENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUI INSTITUTE, 218 AURTH LEE STR., SUITE 312, ALEXANDRIA, VA. A2314) AND WITCA (VIDDO TRUSS OF RETORNES LIN, HADISON, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORM CHURCITONS, OWLESS OTHERVISE INDORFED TO PEOD SHALL HAVE PROPERLY ATTACHED STREAMERS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STREAMERS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE

NAX [12

*ATTACH

ANSI/TPI 1 SEC. 2. DESIGN TO INSTALLATION CONTRACTOR. (TV BCG, INC., WAN FROM THIS DESIGN ANY FAILURE TO BUILD THE TRUSS S., HANDLING, SHPPING, INSTALLING & BRACING OF TRUSSES.) VISIONS OF MOS WANTIONAL DESIGN SPEC, BY AFEAD AND TO FE PAPENTING A WANTIONAL DESIGN SPEC, BY AFEAD AND TO FENDER WAND WAS SO THERWISE LICATED UN THIS FACE. TILLOYED BY (1) SHALL, BE

SPACING 1.33 DUR. FAC 47 PSF AT 1.15 DUR. FAC 50 PSF AT 1.25 DUR. FAC MAX LOADING 55 PSF AT 24.0 DRWG DATE REF DLJ/KAR PIGBACKB0207 2/23/07 PIGGYBACK

№0. 62212

CORIO

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:

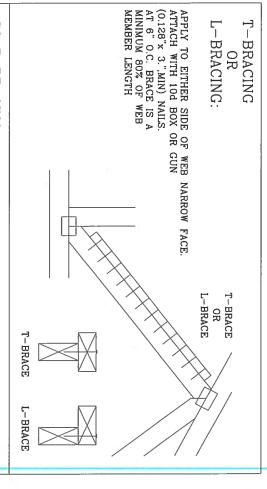
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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	OR.
1-2X4	2X4	1 ROW	2X3 OR 2X4
SCAB BRACE	T OR L-BRACE	BRACING	SIZE
E BRACING	ALTERNATIVE BRACING	SPECIFIED CLB	WEB MEMBER

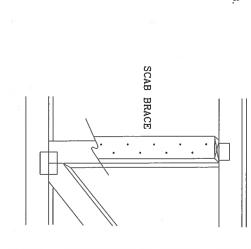
T-BRACE, L-BRACE AND SCAB BRACE TO BE SAME SPECIES AND GRADE OR BETTER THAN WEB MEMBER UNLESS SPECIFIED OTHERWISE ON ENGINEER'S SEALED DESIGN.

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



SCAB BRACING:

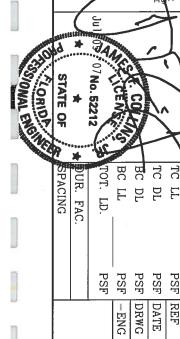
APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d BOX OR GUN
(0.128"x 3.",MIN) NAILS.
AT 6" O.C. BRACE IS A MINIMUM
80% OF WEB MEMBER LENGTH





WARRING* TRUSSES REQUIRE EXTREME CARE IN FABRICATING HANDLING, SHIPPING, INSTALLING ABACING. REFER TO BCSI (RUILDING COMPORENT SAFETY INFORMATION), FUBLISHED BY TRY (TRUSS PINSTITUTE, 218 WIRTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND VTCA (VOIDO TRUSS CONTAINED AMERICA, 6300 ENTERPRISE LN, HADISON, VI 53715) FOR SAFETY PRACTICES PRIDE TO PERFORMING AFFEICA, WILESS OTHERWISE UNG CHORD STRUCTORS. DELECTIONS. UNLESS OTHERWISE UNG CHORD STRUCTORS.

WHIPDBENATISE FURNISH CORY OF THIS DESIGN TO INSTALLATION COMPACTER. ITY BCG, INC. WANCE HOLD BE RESPONSIBLE FOR ANY BY DEVIAID, FOR THIS DESIGN ANY FRILING & BRACHING OF TRUSSESSES. BESIGN COMPRISHES FOR PRICABLE PROFUSIONS OF HIS OWN FINAL DESIGN, AS PEC, BY STRAY AND THE STRAY COMPACT OF THE STRAY OF



BRCLBSUB0207 MLH/KAR THIS DRAWING REPLACES

DRAWING 579,640

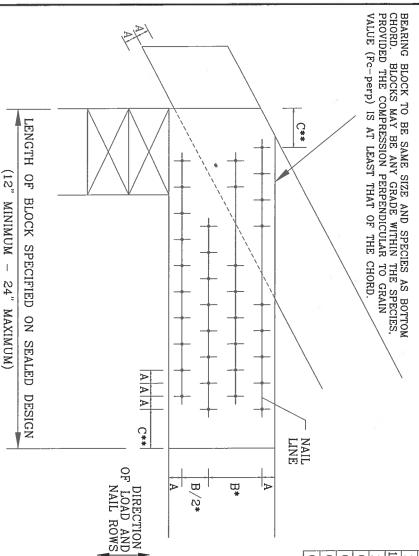
CLB SUBST. 2/23/07

BEARING BLOCK NAIL SPACING DETAIL

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

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

 IF NAIL HOLES ARE PREBORED, SOME SPACING
 SPACING MAY BE REDUCED BY 50%
 SPACING MAY BE REDUCED BY 33% MAY BE REDUCED ВУ THE AMOUNTS GIVEN BELOW:



MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

CIINI (0 101"	GUN (0.120'	GUN (0.131"	GUN (0.120'	16d COMMON	2d COMMON	10d COMMOI	Bd COMMON	20d BOX (0	16d BOX (0	12d BOX (0	10d BOX (0	8d BOX (0.1	NAI	
(0.131"X 3.".MIN)	(0.120"X 3.",MIN)	(0.131"X 2.5",MIN)	(0.120"X 2.5",MIN)	N (0.162"X 3.5",MIN)	12d COMMON (0.148"X 3.25", MIN)	10d COMMON (0.148"X 3.",MIN)	8d COMMON (0.131"X 2.5", MIN)	(0.148"X 4.",MIN)	(0.135"X 3.5",MIN)	(0.128"X 3.25",MIN)	(0.128"X 3.",MIN)	(0.113"X 2.5",MIN)	NAIL TYPE	
ω	ယ	ယ	ယ	N	∾	N	ယ	∾	ယ	ယ	ω	ယ	2X4	
ບ	9	5	6	4	4	4	2	4	5	5	5	6	2X6	CHC
7	8	7	8	6	တ	ဝ	7	රා	7	7	7	9	2X8	CHORD SIZE
10	11	10	11	8	8	8	10	ග	10	10	10	12	2X10 2X12	ZE
12	14	12	14	10	10	10	12	8	12	2	12	15	2X12	151

MINIMUM NAIL SPACING DISTANCES

	GUN	GUN	GUN	GUN	16d (12d C	10d (8d C	20d 1	16d I	12d I	10d I	8d B	Z	
	GUN (0.131"X 3.",MIN)	(0.120"X 3.",MIN)	(0.131"X 2.5",MIN)	GUN (0.120"X 2.5", MIN)	16d COMMON (0.162"X 3.5", MIN)	12d COMMON (0.148"X 3.25", MIN)	10d COMMON (0.148"X 3.", MIN)	8d COMMON (0.131"X 2.5", MIN)	20d BOX (0.148"X 4.", MIN)	16d BOX (0.135"X 3.5",MIN)	12d BOX (0.128"X 3.25", MIN)	10d BOX (0.128"X 3.", MIN)	8d BOX (0.113"X 2.5", MIN)	NAIL TYPE	
	7/8"	3/4"	7/8"	3/4"	N) 1.	IN) 1"	1") 7/8"	1"	7/8"	7/8"	7/8"	3/4"	A	DI
	7/8" 1 5/8"	1 1/2"	1 5/8"	1 1/2"	ູຄູ	1 7/8"	1 7/8"	1 5/8"	1 7/8"	1 5/8"	1 5/8"		1 3/8"	B *	DISTANCES
	ಬ್ಬ	1 7/8"	స్త	1 7/8"	2 1/2"	2 1/4"	2 1/4"	ಶ್ಕ	2 1/4"	2 1/8"	ಬ್ಜ	ಬ್ಬ	1 3/4"	C**	_
l		٤	_	z			_ *	_	- 1	2	-100		2		_

DRAWING B139 AND CNBRGBLK0699

DATE DRWG

BEARING BLOCK

SJP/KAR CNBRGBLK0207 2/23/07

Con Control of the Co	
18 1000 P. E.	USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.
STATE OF	- ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL - ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND
	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
No. 52212	DESIGN CONFIDENS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC, BY AFFA) AND TRI
AM CO PORT	NEIMPORTANTEN FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITY BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FOR THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN CONTROVANCE VITY TO A DEVIATION FOR THE PROPERTY OF THE PROP
XX 25 25 X	FUNCTIONS. UNLESS DIHERWISE INDICATED, TIP CHIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.
	INSTITUTE, 218 NORTH LEE STR., SUITE 312 ALEXANDRIA, VA. 22314) AND VTCA (WOOD TRUSS COUNCY OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE
ナハノム	**YARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE
THE DRAWING REPLACES	

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

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

BRACING GROUP SPECIES AND GRADES:

GROUP

A

HEM-FIR STUD STANDARD

#3

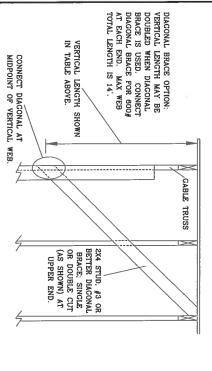
SOUTHERN PINE #3 STUD

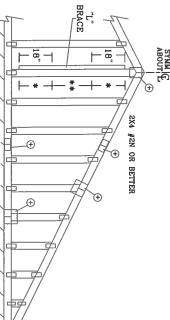
STANDARD

GROUP HEM-FIR

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		1	2	,,	(0	. (ζ.			1	6	,,	(0	.(ζ.			2	4	,,		Ο	. (Ξ.		SPACING	CABI
			1)	TTT.	C T	ひてユ	Σ	1	<u> </u>		<u></u>) j	TIT	口 叮	ゴング)]]	i)	TIT		ひて	1 5	SPECIES	2X4
	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	S#	#1	STANDARD	STUD	#3	#1 / #2	STANDARD	STUD	#3	#2	#1	STANDARD	STUD	#3	#1 / #2	GRADE	BRACE
	4' 11"	5, 0,	5 0"	5' 3"	5' 4"	4' 9"	4'9"	4'9"	4' 11"	4' 5"	4' 6"	4' 6"	4' 9"	4' 10"	4' 4"	4' 4"	4' 4"	4' 5"	3' 10"	4' 0"	4' 0"	4' 2"	4. 3.	3' 9"	3, 9,	3. 9.	3' 10"	BRACES	S
	7' 5"	8, 2,	8' 5"	8' 5"	8, 5,	7' 3"	8' 5"	8' 5"		6' 5"	7' 6"	1	7' 8"		6' 4"	7' 4"	1 1	7' 8"	5 ['] 3 ^{''}	6' 1"	ල ද	6' 8"	٦	ຜູ	6' 0"	6' 0"	6' 8"	GROUP A	(1) 1X4 "L"
	7' 5"	8, 4,	8' 5"	9' 1"	9' 1"	7' 3"	8' 5"	8' 5"	۱ ۱	6' 5"	7' 6"		8' 3"	- 1	1 1	7' 4"	7' 4"	7' 10"		- 1	ල හූ	7' 2"	7' 2"	ຫຸ ຮຸ	6, 0,	6' 0"	6' 10"	GROUP B	" 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"	6' 11"	7' 11"	7' 11"	7' 11"	7' 11"	6' 9"	7' 11"	7' 11"	7' 11"	GROUP A	(1) 2X4 "L"
MAS	9' 10"	10' 6"	10' 6"	10' 9"	10' 9"	9' 7"	10' 0"	10' 0"	10′ 3″	8' 6"	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 *
SYMM IC	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	11' 11"	10' 10"	10' 10"	1		10' 10"	10' 10"	10' 10"	10' 10"	10' 10"	9' 4"		و ف	9' 5"	9' 5"	9' 1"	9, 2,	9' 5"	9, 5,	GROUP A	(2) 2X4 "L"
	12' 3"	12' 6"	12' 6"	12' 10"	12' 10"	11' 11"	11' 11"	11' 11"	12° 3″		11' 4"	11' 4"	- 1	11' 8"		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	" 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"	- 1	14' 0"				14' 0"		12, 5,	12' 5"	- 1	12' 5"	10' 7"	12' 3"	7	12' 5"	GROUP A	(1) 2X6 "L"
	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	" 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"	GROUP B GROUP A GROUP	(2) 2X6 "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 B	BRACE **
OUTLOOKERS WITH 2' 0"	CARLE END SHEDDERS LOVE	CONTINUOUS BEARING (5	DROVIDE HELIEF CONNECTION	LIVE LOAD DEFLECTION CRIT	OADLE INCOS	CABIE TRIES D			#2	#1	SOUTHERN PINE		** 8	HEM-F	- Circle	IIIVaJ			STANDARD	3	DOUGLAS FIR-LARCH		cal	#1 / #2 STANDARD	OKOOT	IIIOan	BRACING GROUP SPEC		





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH. CONTINUOUS BEARING

GABLE TRUSS DETAIL NOTES

DOUGLAS FIR-LARCH

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

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

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

NO SPLICE IX4 OR ZX3 T ZX4 2.5X4 PLATES.		PEAK, SPLICE, AND HEEL PLATES.	+ REFER TO COMMON TRUSS DESIGN FOR	GREATER THAN 11' 6"	GREATER THAN 4' 0", BUT LESS THAN 11' 6"	LESS THAN 4' 0"	VERTICAL LENGTH	GABLE VERTICAL PLATE SIZES
	_	PLATES.	S DESIGN FOR	2.5X4		1X4 OR 2X3	NO SPLICE	ATE SIZES

MAYARMINGAM TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TRUSS PLA) INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANIRIA, VA. 22314) AND VITCA (VOIDD TRUSS COUNCIL, AKERICA, 6300 ENTERPRISE LN, HANDSON, VI 53719) FOR SAFETY PRACTICES PRIGR TO PERFORMING THE FUNCTIONS. (NIEESS DIHERVISE NOUCARED, TOPORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE APROPERLY ATTACHED RIGID CEILING. 0 No. STATE OF * MAX. MAX. TOT. SPACING ED. 60 24.0" PSF DRWG DATE REF A11015EE0207 2/23/07 ASCE7-02-GAB11015

WHORDENANTE FURNISH CORY OF THIS DESIGN TO INSTALLATION CONTACTOR. IT WELL INC. SHALL

NOT BE RESPONSUBLE COR ANY DEVILUATION FORM THIS DESIGN, ANY FALLINE TO BRILLD THE TRUSS OF

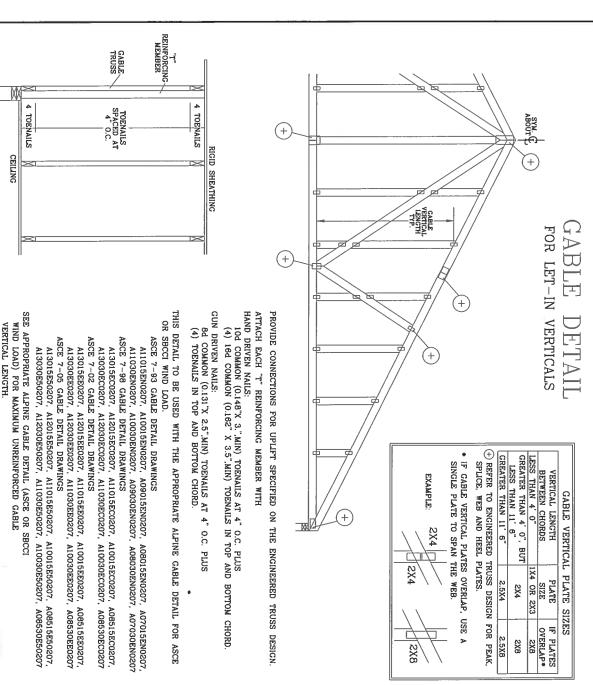
DESIGNATION FOR FARRICKATING HANDLING SHEPPING, INSTALLATION SECRETARY

DESIGNATION FOR THE PROPERTY OF THE PROPERTY OF THE STATE OF THE

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE

201807



TOENAIL MEMBER 2X6 "T" REINFORCING MEMBER TOENAIL

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

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

WEB LENGTH INCREASE W/ BRACE

	_		_		_						_			_							3
30 FT	8	15	70	30	80	15	80	3	90	15	90	30	100	15	00	30	011	15	110	AND	GNIA
3	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	P.F	100 MPH	30 FT	110 MPH	15 FT	110 MPH	AND MRH	SPEED
						2.	,			,				22			22	,,		MBR	-
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	MBR. SIZE	T REINE
																_				·	Q
5 3	0 %	0	0	20 %	20 %	10 %	10 %	30 %	10 %	20 %	20 %	40 %	10 %	30 %	10 %	50 %	10%	40 %	10 %	וטטמניו	2
	_	_							L												
30 %	N N	20	ಜ	4.	1	3	బ్ద	5	15	4.	10	4	<u>-</u>	5	10	50	10	50	10	A	۸
<u> </u>	20 %	%	20 %	40 %	2 01	30 %	20 %	50 %	10 %	40 %	10 %	40 %	10 %	50 %	10 %	50 %	2 01	34	%	AUCE	ĝ

ASCE WIND SPEED = 100 MPH
MEAN ROOF HEIGHT = 30 FT
GABLE VERTICAL = 24" O.C. SP #3 MAXIMUM "T" "T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10
(1) 2X4 "L" BRACE LENGTH = 6' 7" "T" REINFORCING MEMBER SIZE = 2X4 REINFORCED GABLE VERTICAL LENGTH 1.10 \times 6' 7" = 7' 3"

STATE OF DRAWING

REPLACES DRAWINGS GAB98117 876,719 & HC26294035

60 PSF DATE DRWG REF GBLLETIN0207 2/23/07 LET-IN VERT

MAX TOT. LD. MAX SPACING DUR. FAC. ANY 24.0

/TWBUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA ALPINE

AWARANINGA. TRUSSES REQUIRE EXTREME CARE IN FARRICATING, HANDLING, SHIPPING, INSTALLING AND BRACKING. REFER TO BEST GUILLDING COMPIDMENT SAFETY INDERNATION, PUBLISHED BY FPI CTRUSS PLAI INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) AND WICA COODD TRUSS COUNCIL MARRICA, 6300 ENTERPRISE LN, HADISUN, VI 53719) FOR SAFETY PRACTICES PRORT TO PERFORMING TREINFOLIUM. UNESS DIFFERISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTUMAL PANELS AND BUTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.