PERMIT Columbia County Building Permit DATE 61/21/2010 This Permit Must Be Prominently Posted on Premises During Construction 000028333 755-8699 APPLICANT MIKE ROBERTS PHONE 32025 SW MAIN BLVD ADDRESS 2747 PHONE MICHEAL ROBERTS OWNER LAKE CITY 32024 SW CHESTERFIELD CIRCLE FL ADDRESS PHONE WILLIAM WOOD CONTRACTOR 47 S, R 242, R ARROWHEAD, L CANNON CREEK RD, L CHESTERFIELD, LOCATION OF PROPERTY AFTER 2ND CORNER R @ STOP SIGN, 6TH ON LEFT ESTIMATED COST OF CONSTRUCTION 117800.00 TYPE DEVELOPMENT SFD, UTILITY TOTAL AREA 2356.00 HEIGHT 21.00 STORIES HEATED FLOOR AREA 1505.00 FLOOR SLAB **FOUNDATION** CONCRETE ROOF PITCH 6/12 WALLS FRAMED MAX. HEIGHT 35 RSF-2 LAND USE & ZONING STREET-FRONT 25.00 REAR 15.00 SIDE 10.00 Minimum Set Back Requirments: NO. EX.D.U. FLOOD ZONE DEVELOPMENT PERMIT NO. SUBDIVISION CROSSWINDS PARCEL ID 24-48-16-03117-145 PHASE UNIT TOTAL ACRES 0.50 LOT 45 BLOCK CBC058182 000001786 Applicant/Owner/Contractor Culvert Permit No. Culvert Waiver Contractor's License Number HD CULVERT 10-0001 BK New Resident Approved for Issuance **Driveway Connection** Septic Tank Number LU & Zoning checked by COMMENTS: MIKE ROBERTS AGENT FOR WILLIAM WOOD FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE Check # or Cash FOR BUILDING & ZONING DEPARTMENT ONLY (footer/Slab) Foundation Temporary Power Monolithic date/app. by date/app. by date/app. by Under slab rough-in plumbing 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 Permanent power C.O. Final Culvert date/app. by date/app. by date/app. by Pump pole Utility Pole M/H tie downs, blocking, electricity and plumbing date/app. by date/app. by date/app. by RV Reconnection Re-roof date/app. by date/app. by date/app. by

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.

CERTIFICATION FEE \$

FLOOD ZONE FEE \$ 25.00

ZONING CERT. FEE \$

590.00

BUILDING PERMIT FEE \$

INSPECTORS OFFICE

FLOOD DEVELOPMENT FEE \$

0.00

MISC. FEES \$

"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."

11.78

CLERKS OFFICE

0.00

CULVERT FEE \$ 25.00

50.00 FIRE FEE \$

SURCHARGE FEE \$

WASTE FEE \$

713.56

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.

Columbia County Building Permit Application

ek#

Spola to Chuck

For Office Use Only Application #	1001-06 Peter Bearing 1/2	7_By JW Permit # 1786 2833
Zoning Official BLK Date	14.81.10 Flood Zone X Land	d Use Res. La-Dew Zoning RS F-2
FEMA Map # Elevation_	N/A MFE StabulRiver N/A F	Plans Examiner AD Date 1 · 14 - 19
Comments		
2. 0	Plan State Road Info Parent Parcel	
100 0 0 00000 1 000000 1 00000 1 00000 1 00000 1 00000 1 000000	□ In Floodway □ Letter of Auth. from Co	26 P. O. P. O. P. O. P.
	Fire Corr	
	= TOTAL @ SUSDEMORY	THYF (PARTIAL)
Septic Permit No. 010-0001	mile poole 13	Fax 386-752-5111
Name Authorized Person Signing Pe		Phone 386-755-8699
Address 2747 SW M	in BIVD L.C, FL	32005
Owners NameMile Ro	oberts	Phone
911 Address 572 Sw Che	esterfield cir, LCFL	. 32024
Contractors Name William	6-wood wind-Tech	Phone 386-755-8699
Address 2747 SW m	ain Blud LC, FL	32025
Fee Simple Owner Name & Address		COUNTY BUILD
Bonding Co. Name & Address	None	FILE CODE
Architect/Engineer Name & Address	s	Code
Mortgage Lenders Name & Address	None	Minima Y
Circle the correct power company	- FL Power & Light - Clay Elec Sur	wannee Valley Elec Progress Energy
Property ID Number 24-45-11	0-03117-145 Estimated Cos	st of Construction 120,000. W
Subdivision Name Crosswing	NS Lo	ot <u>45</u> Block Unit Phase
Driving Directions 475.	TR 242 TR arrow	read IL into
Connon Creek Rd, The Chr	esterfield, @ stop sign 7	TR, After second.
corner, Ceth lot.	on 1844. Number of Exist	ting Dwellings on Property
Construction of	OF 6	otal Acreage <u>50</u> Lot Size
Do you need a - <u>Culvert Permit</u> or <u>C</u>	ulvert Waiver or Have an Existing Drive	Total Building Height
Actual Distance of Structure from Pro	perty Lines - Front_30 Side 25	Side 201 Rear 135
Number of Stories Heated Floo	or Area 1505 Total Floor Area	2354 Roof Pitch U'12
Application is hereby made to obtain nstallation has commenced prior to	a permit to do work and installations as the issuance of a permit and that all wor	s indicated. I certify that no work or rk be performed to meet the standards

of all laws regulating construction in this jurisdiction.

Columbia County Building Permit Application

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

<u>TIME LIMITATIONS OF PERMITS:</u> Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

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

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

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

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

Mit Whit	(Owners Must	Sign All Applications Before Permit Issuance.)
Owners Signature **OWNER BUILDERS MU	ST PERSONALL	LY APPEAR AND SIGN THE BUILDING PERMIT.
CONTRACTORS AFFIDAVIT: By my signature I under written statement to the owner of all the above written building Permit including all application and permit including all applications.	tten responsibi	lities in Columbia County for obtaining
Contractor's Signature (Permitee)	Columbia	r's License Number <u>CB-C058182</u> County cy Card Number
Affirmed under penalty of perjury to by the Contractor a	nd subscribed be	efore me this $\sqrt{}$ day of $\sqrt{}$ $\sqrt{}$ 20 $\sqrt{}$.
Personally knownor Produced Identification		NOTARY CRECISTATE OF FLORIDA
State of Florida Notary Signature (For the Contractor)	SEAL:	Williams Company of #DD912565 EXP JULY 30, 2013 BOXDED HER ALL MARKET CO., INC.

WIND -TECH CONTRACTING CORP 2747 SW MAIN BLVD LAKE CITY, FL 32025 386-755-8699 386-752-5111 FAX CB-C058182 CC-C058270

01/21/10

To: Columbia County Building Department

Please allow Mike Roberts to pull permits and receive permits on behalf of Wind-Tech Contracting Corporation.

If you have any questions please give me a call.

Thank You,

William G Wood

NOTARY PUBLIC-STATE OF FLORIDA
Kelly Williams
Commission # DD912565
Expires: JULY 30, 2013
BONDED THRU ATLANTIC BONDING CO, INC.

@ CAM110M01 S CamaUSA Appraisal System 12/28/2009 9:44 Property Maintenance Year T Property Sel 2010 R 24-4S-16-03117-145 Owner ROBERTS MICHAEL W Conf	Columbia County
12/28/2009 9:44 Property Maintenance	18000 Land 001
Year T Property Sel	AG 000
2010 R 24-4S-16-03117-145	Bldg 000
Owner ROBERTS MICHAEL W Conf	Xfea 000
Addr 657 SW CATHERINE LANE	18000 TOTAL B
	.500 Total Acres
	r ERnwl ARnwl Notc
City, St LAKE CITY FL Zip 32055 N Y	
Country (PUD1) (PUD2)	(PUD3) MKTA06
Splt/Co JVChgCd pud4 pud5	pud6
Appr By CM Date 8/21/2006 AppCode UseCd 000000 VACA	NT .
TxDist Nbhd MktA ExCode Exemption/% T	xCode Units Tp
002 24416.00 06	
DIST 3	
House# 572 Street CHESTERFIELD MD	CIR Dir SW #
- City Zi	р
- City Zi Subd N/A Condo .00 N/A	**
Sect 24 Twn 4S Rnge 16 Subd Blk	Lot
Legals LOT 45 CROSSWINDS S/D PHASE 1. WD 1117-1483, QC	
TOURS THE SUBSTITUTES AND LINES HE WAS A SECOND SEC	
Map# Mnt 5/09/	2007 THRESA
F1=Task F2=ExTx F3=Exit F4=Prompt F11=Docs F10=GoTo	PgUp/PgDn F24=More
THE TOTAL PROPERTY OF THE PROP	



Notes: Site Plan submitted by: Title Signature Not Approved Plan Approved X County Health Department By

CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/98 (Replaces HRS-H Form 4015 which may be used) (Stock Number: 5744-002-4015-6)



Page 2 of 3



Stock Number: 5744-001-4015-1

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON SITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO.	147497
DATE PAID:	15/10
FEE PAID:	1830.00
RECEIPT #:	1216946

Page 1 of 3

APPLICATION FOR: [] New System [] Existing System [] Holding Tank [] Innovative
[New System [] Existing System [] Holding Tank [] Innovative [] Repair [] Abandonment [] Temporary []
APPLICANT: MICHOSL W ROBERTS
AGENT: Robert Ford HEST INC TELEPHONE: 386755-6373
MAILING ADDRESS: 580 HW GUERDON Rd LAKE City F/4 32055
TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES.
= = = = = = = = = = = = = = = = = = =
LOT: 45 BLOCK: SUBDIVISION: PH. 1 CROSS WINDS PLATTED:
PROPERTY ID #: 24-45-16-03117-145 ZONING: 5 = I/M OR EQUIVALENT: (Y N
PROPERTY SIZE: 0,500 ACRES WATER SUPPLY: [×] PRIVATE PUBLIC [] <=2000GPD []>2000GPI
IS SEWER AVAILABLE AS PER 381.0065, FS? [Y/@] DISTANCE TO SEWER: N = FT
PROPERTY ADDRESS: Chester field
DIRECTIONS TO PROPERTY: HWY 47 SOUTH TO 242 TR GO TO
Areowhead Rd follow to sw chesterfield circle
follow AROUND TO LOT 45
BUILDING INFORMATION [/] RESIDENTIAL [] COMMERCIAL
Unit Type of No. of Building Commercial/Institutional System Design No Establishment Bedrooms Area Sq Ft Table 1, Chapter 64E-6, FAC
1 House 3 1560
2 of Marchael and Anticomplete and a second
3
4 Programme and the second of
[] Floor/Equipment Drains [] Other (Specify)
SIGNATURE: COENT W DATE: 1-4-10
DH 4015, 10/97 - Page 1 (Previous editions may be used)



Site Plan submitted by:_

STATE OF FLORIDA DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT Permit Application Number _ PART II - SITE PLAN-Scale: Each block represents 5 feet and 1 inch = 50 feet. Notes:



COLUMBIA COUNTY 911 ADDRESSING / GIS DEPARTMENT



P. O. Box 1787, Lake City, FL 32056-1787 Telephone: (386) 758-1125 * Fax: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

ADDRESS ASSIGNMENT DATA

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

A Residential or Other Structure(s) on Parcel Number: 24-4S-16-03117-145 (LOT 45 CROSSWINDS S/D PHASE 1)

Address Assignment(s): 572 SW CHESTERFIELD CIR, LAKE CITY, FL 32024

Any questions concerning this information should be referred to the Columbia County 911 Addressing / GIS Department at the address or telephone number above.

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal 24-45-14-03117-145 THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes. the following information is provided in this NOTICE OF COMMENCEMENT. 1. Description of property (legal description): lot 45 CVUSSWINDS SIN Phase WD 1117-1483, 1152-452 a) Street (job) Address: 2. General description of improvements: 3. Owner Information a) Name and address: Michael Roberts b) Name and address of fee simple titleholder (if other than owner) c) Interest in property 4. Contractor Information a) Name and address: Wind-Tech Contracting
b) Telephone No.: 382 755-8499

Fax No. (Opt.) 386-752-5111 5. Surety Information a) Name and address: b) Amount of Bond: c) Telephone No.: Fax No. (Opt.) 6. Lender a) Name and address: b) Phone No. 7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served: a) Name and address: b) Telephone No.: Fax No. (Opt.) 8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713,13(1)(b). Florida Statutes: a) Name and address: b) Telephone No.: Fax No. (Opt.) 9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION, IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT. STATE OF FLORIDA COUNTY OF COLUMBIA Signature of Owner or Owner's Authorized Office/Director/Partner/Manager Print Name 4 day of January 20 10 by: The foregoing instrument was acknowledged before me . a Florida Notary, this ____ (type of authority, e.g. officer, trustee, attorney (name of party on behalf of whom instrument was executed). Personally Known OR Produced Identification Type NOTARY - PUBLIA SOF FLORIDA fally Williams Wellicum Notary Stamp or Seal: Mar ssion # DD912565 wittes: JULY 30, 2013 THE BOWDING CO. INC. 11. Verification pursuant to Section 92.525. Florida Statutes, Under penalties of perjury. I declare that I have seen the foregoing and that the facts stated in it are true to the best of my knowledge and belief. Signature of Natural Person Signing (in line #10 above.)



Cal-Tech Testing, Inc.

Engineering

· Geotechnical

Geotechnical

 Environmental Laboratories P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456

4784 Rosselle St., Jacksonville, FL 32254 • Tel(904)381-8901 • Fax(904)381-8902

JOB NO.: 10-00025-01

J.. 10-00023

DATE TESTED: 1/11/10

DATE REPORTED:

1/21/10

REPORT OF IN-PLACE DENSITY TEST

PROJECT: Corsswinds Subdivision Lot #45, Lake City, FL

-

CLIENT: Mike Roberts Framing 657 SW Cat

Mike Roberts Framing 657 SW Catherine Lane, Lake City, FL 32025

GENERAL CONTRACTOR: EARTHWORK CONTRACTOR: Mike Roberts Framing
Mike Roberts Framing

INSPECTOR:

James Bleakley

SOIL USE

(D-2922) Nuclear

ASTM METHOD

BUILDING FILL

SPECIFIED REQUIREMENTS:

95%

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft³)	MOISTURE PERCENT	DRY DENSITY (lb/ft³)	PROCTOR TEST NO.	PROCTOR VALUE	MAXIMUM DENSITY
1	East End of Pad Approx. Center x 10' West	12"	110.4	5.6	104.5	1	105.0	100%
2	West End of Pad Approx. Center x 10' East	12"	109.9	5.2	104.5	1	105.0	99%
3	South End of Pad Approx. 10' North	12"	110.6	4.9	105.4	1	105.0	100%
4	North End of Pad Approx. Center 10' South	12"	110.9	5.5	105.1	1	105.0	100%

D	=	BA	٨	D	KS	

The Above Tests Meet Specified Requirements.

~

PROCTORS									
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (Ib/ft³)	OPT. MOIST.	TYPE					
1	Gray Fine Sand	105.0	11.0	MODIFIED (ASTM D-1557)					

Respectfully Submitted, CAL-TECH TESTING, INC.

Reviewed By:

Linda M. Creamer

President - CEO

ee

reamer, CEO, DBE

Licensed, Florida No: 578

The test results presented in this report are specific only to the samples tested at the time of testing. The tests were performed in accordance with generally accepted methods and standards. Since material conditions can vary between test locations and change with time, sound judgement should be exercised with regard to the use and interpretation of the data.

Columbia County Building Department Culvert Permit

Culvert Permit No. 000001786

DATE 01/21	1/2010	PARCEL ID #	24-4S-16-03117-145		
APPLICANT	MIKE ROBERTS		PHONE	755-8699	
ADDRESS 2	747 SW MAIN	BLVD	LAKE CITY	FI	32025
OWNER MIC	CHEAL ROBERTS		PHONE _		
ADDRESS _57	2 SW CHESTE	ERFIELD CIRCLE	LAKE CITY	F	L 32024
CONTRACTOR	R WILLIAM WO	OD	PHONE	752-8699	
LOCATION OF	PROPERTY	47 S, R 242, R ARROWHEA	D, L CANNON CREEK RD,	L CHESTERFIE	LD,
AFTER 2ND COR	NER R @ STOP SI	GN, 6TH ON LEFT			
					
SUBDIVISION	LOT/BLOCK/F	PHASE/UNIT CROSSWI	NDS	45	1
SIGNATURE L	19.	In M	lm		
X	Culvert size wi	ION REQUIREMENTS Il be 18 inches in diamete . Both ends will be mitere d concrete slab.	r with a total lenght of 32	2 feet, leaving 2 e and poured v	24 feet of with a 4 inch
	 a) a majority b) the drivew Turnouts s concrete or 	N NOTE: Turnouts will be of the current and existing yay to be served will be path hall be concrete or paved or paved driveway, whiches dexisting paved or concre	g driveway turnouts are played or formed with concluded a minimum of 12 feet were is greater. The width	rete. vide or the widt	
	Culvert install	ation shall conform to the	e approved site plan stan	dards.	
	Department of	Transportation Permit in	stallation approved stand	dards.	
	Other				
		· · · · · · · · · · · · · · · · · · ·			

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

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

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

Amount Paid 25.00



File No: 07-156

WARRANTY DEED

THIS INDENTURE, made this 22 day of April, 2007 between DELTA OMEGA PROPERTIES, INC., a corporation existing under the laws of the State of Florida, whose post office address is 3454 SW CR 242, Lake City, FL 32024, and having its principal place of business in the County of Columbia, State of Florida, party of the first part, and MICHAEL W. ROBERTS, whose post office address is 657 SW Catherine Lane, Lake City, Florida, of the County of Columbia, State of Florida, parties of the second part,

WITNESSETH: that the said party of the first part, for and in consideration of the sum of Ten Dollars (\$10.00), to it in hand paid, the receipt whereof is hereby acknowledged, has granted, bargained, sold, aliened, remised, released, conveyed and confirmed, and by these presents doth grant, bargain, sell, alien, remise, release, convey and confirm unto the said party of the second part, and its heirs and assigns forever, all that certain parcel of land lying and being in the County of Columbia and State of Florida, more particularly described as follows:

Lot 12, 25 and 45, Crosswinds, Phase One, a subdivision according to the plat thereof recorded in Plat Book 8, Page 79-82, public records, Columbia County, Florida.

SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.

TOGETHER with all the tenements, hereditaments and appurtenances, with every privilege, right, title, interest and estate, reversion, remainder and easement thereto belong or in anywise appertaining:

TO HAVE AND TO HOLD the same in fee simple forever.

And the said party of the first part doth covenant with said party of the second part that it is lawfully seized of said premises; that they are free of all encumbrances, and that it has good right and lawful authority to sell the same; and the said party of the first part does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the party of the first part has caused these presents to be signed in its name by its President, and its corporate seal to be affixed, the day and year above written.

Signed, sealed and delivered in our presence:

DELTA OMEGA PROPERTIES, INC.

Ву:

James Khaty

President

KAREN n. Drugho

"Witnesses"

Inst:2007009361 Date:04/25/2007 Time:16:05

Doc Stamp-Deed: 882.00

____DC,P.DeWitt Cason,Columbia County B:1117 P:1484

STATE OF FLORIDA COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this day of April, 2007, by James R. Smithey, President of Delta Omega Properties, Inc., a State of Florida corporation, on behalf of the corporation. He is personally known to me and did not take an oath.

TERRY MCDAVID
MY COMMISSION # DD 500788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Undorwnters

Notary Public

My Commission Expires:

LYNCH WELL DRILLING, INC.

173 SW Tustenuggee Ave
Lake City, FL. 32025
Phone 386-752-6677
Fax 386-752-1477

Building Permit # Owner's	Name
Well Depth Ft. Casing Depth	Ft. Water LevelFt.
Casing Size 4 inch Steel Pump Installation	
Pump Make Schaofer Pump Mo	del T124/18X16S2HP /
System Pressure (PSI)On _30O	
Pumping System GPM at average pressure and	**
Tank Installation: Bladder Galvanized Make Model PC344 Size 8 1	: Challenger
Tank Draw-down per cycle at system pressure	25. 1 gallons
I HEREBY VERTIFY THAT THIS WATER INSTALLED AS PER THE ABOVE INFOR	
Lisida NewCoord	Linda Newcomb Print Name
2609	· (
License Number	. Data

FORM 1100A-08

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: New Project Roberts Street: City, State, Zip: , fl , Owner: Design Location: FL, Gainesville		Builder Name: wind tech / mike roberts Permit Office: Columbia Cou Permit Number: Jurtsdiction: 221000	nty
New construction or existing Single family or multiple family Number of units, if multiple family Number of Bedrooms	New (From Plans) Single-family 1	9. Wall Types a. Frame - Wood, Exterior b. Frame - Wood, Adjacent c. N/A d. N/A	Insulation Area R=13.0 1184.00 ft ² R=13.0 160.00 ft ² R= ft ² R= ft ²
		10. Ceiling Types a. Under Attic (Vented) b. N/A c. N/A 11. Ducts a. Sup: Attic Ret: Attic AH: Garage S 12. Cooling systems a. Central Unit 13. Heating systems a. Electric Heat Pump 14. Hot water systems a. Electric b. Conservation features None 15. Credits	Insulation Area R≈30.0 1508.00 ft² R= ft² R= ft² Sup. R= 6, 301.6 ft² Cap: 28 kBtu/hr SEER: 13 Cap: 29 kBtu/hr HSPF: 7.7 Cap: 40 gallons EF: 0.92
Glass/Floor Area: 0.081	Total As-Built Modified Total Baseline	Loads: 28.00 Loads: 33.93	PASS
PREPARED BY: Newt	a Florida Energy AST INSULATORS W 263rd Terrace berry, FL 32669 627 472-3635 (382) 472-3633	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:	CONEAR STATE OF THE STATE OF TH

		*****************		***** *	PF	ROJECT	- 1						
Title: Building Owner: # of Unit Builder N Permit O Jurisdicti Family T New/Exis	s: lame: ffice: lon: ype: sting:	FLAsBuilt	/ mike roberts	B C Tr W R	edrooms: athrooms: onditioned Are otal Stories: /orst Case; otate Angle: ross Ventilation /hole House Fa	1 No 0			Adress 1 Lot # SubDivis PlatBook Street: County: City, Stat	sion: C	Street A		3
		4			CL	LIMATE							
V	De	sign Location		TMY Site	IECC Zone	Design 97.5 %	Temp 2.5 %	Int Desig Winter	n Temp Summer	Heati Degree		esign isture	Daily Temp Range
	FL	, Gainesville	FL_GAII	NESVILLE_REG	SI 2	32	92	75	70	1305	5	51	Medium
					FL	LOORS							
	#	Floor Type		Perin	neter	R-Value	9	Area		,	Tile	Wood	Carpet
	1	Slab-On-Gra	de Edge Insulat	tion 168	3 ft	0		1508 ft²			0	0	1
					F	ROOF							
/	#	Туре	Ma	nterials.	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch	A interest	
	1	Hip	Composi	tion shingles	1633 ft²	0 ft ²	Medium	0.96	No	2	22.6 deg	1	
					Α	TTIC							
<u> </u>	#	Туре		Ventilation	Vent	Ratio (1 in)		Area	RBS	IRCC			
	1	Full attic		Vented		300	15	508 ft²	N	N			
					CE	ILING							11/1/200
V ·	#	Celling Type	8		R-Valu	e	Are	a	Framing	Frac	Tr	uss Ty	pe
	1	Under Attic	(Vented)		30		15081	l ₅	0.11			Wood	
					W	ALLS							
V	#	Ornt	Adjacent To	Wall Type			Cavity R-Valu	/ ie Area	Sheat R-Va	hing	Framing Fraction		Solar Absor.
	1	N	Exterior	Frame - Wood	1		13	304 ft			0.23		0.75
	2	N	Garage	Frame - Wood	i		13	160 ff	t		0.23		0.01
	3	E	Exterior	Frame - Wood	1		13	208 ft	ı		0.23		0.75
	4	S	Exterior	Frame - Wood	1		13	464 ft	ı		0.23	2	0.75
	5	w	Exterior	Frame - Wood	1		. 13	208 ff	Ü		0.23		0.75

		q				D	OORS						
V	#		Ornt	Door Type				Storr	ns	U	-Value	Area	
	1		N	Insulated				Nor	ie		0.46	20 ft²	
	2		N	Insulated				Non	e		0.46	17.78 ft²	
	3		E	Insulated				Non	e	9	0.46	13.33 ft²	
		Win	ndow or	lentation below is	as entered. A	WIN	IDOWS	i fied by rob	tte andie	shown in "P	mlect" section	shove	
/								ou by too	no braga	and the second second	rhang	above.	
<u></u>	#	Ornt I	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area		Separation	Int Shade	Screenin
	1	N	Metal	Double (Clear)	Yes	0.4	0.28	N	6 172		6ft0in	HERS 2006	None
	2	N	Metal	Double (Clear)	Yes	0.4	0.28	N	25 ft	2 ft 0 in	6 ft 0 in	HERS 2006	None
	3	N	Metal	Double (Clear)	Yes	0.4	0.28	N	20 ft	2 ft 0 in	6 ft 0 in	HERS 2008	None
	4	N	Metal	Double (Clear)	Yes	0.4	0.28	N	30 ft	900 00000000000	6 ft 0 in	HERS 2006	None
	5	E 1	Metal	Double (Clear)	Yes	0.4	0.28	N	611	2 ft 0 in	6 ft 0 in	HERS 2006	None
	6	E 1	Metal	Double (Clear)	Yes	0.4	0.28	N	15 ft²		6 ft 0 in	HERS 2006	None
	7	E (Double (Clear)	Yes	0.4	0.28	N	20 ft		PARTON PROTOTO	HERS 2006	None
					- 18	IFILTRATI	ON & V	ENTING	3				
/	Method	1		SLA	CFM 50	ACH 50	ELA	EqLA			Ventilation — Exhaust CFM		Fan Watts
	Default	t		0.00036	1424	7.08	78.2	147.0		0 cfm	0 cfm	0	0
						GA	RAGE				, mar		
$\sqrt{}$	#	FI	oor Are	a Ce	iling Area	Exposed	Walt Perio	meter	Avg. \	Vall Height	Exposed	Wall Insulation	
	1	:	384 ft²		384 ft²	00000 000000 000000	64 R	7		8 ft		11	
						COOLIN	G SYS	TEM					E
$\sqrt{}$	#	System	Туре		Subtype			Efficiency		Capacity	Air Flow	SHR	Ductless
	1	Central	Unit		None	***		SEER: 13		28 kBtu/hr	840 cfm	0.75	False
						HEATIN	S SYST	EM			***************************************		
V	#	System	Туре		Subtype		1	Efficiency		Capacity	Ductiess		~
_	1	Electric	Heat P	ump	None		ŀ	ISPF: 7.7		29 kBtu/hr	False		
		***************************************				HOT WAT	ER SYS	TEM					
V	#	System	т Туре			EF	Cap		Use	SetPnt		Conservation	
	1	Electri	ia			0.92	40 ga		iO gal	120 deg		None	

					SO	LAR HO	T WATE	R SYSTE	M					
V	FSEC Cert #	Company	Name			System	Model #	Col	lector Model		Collect		•	FEF
	None	None						***************************************			ft²			
						1	DUCTS					*******		
V	#		rpply R-Value Area		Re	eturn — Area	Leaka	де Туре	Air Handler	CF	M 25	Percent Leakage	QN	RLF
	1	Attic	6 301.6	ft²	Attic	75.4 ft²	Defaul	Lealage	Garage					
	***************************************					TEM	PERATU	RES		400		/Oxessure	1	
Programa	able Therm	nostat: Non	6		C	cilling Fans	:				School State Control			
Cooling Heating Venting	X Jan X Jan X Jan	X Fet X Fet X Fet	X Mar X Mar X Mar X Mar	XX	lpr lpr	X May X May X May	X Jun X Jun Jun	Pr X Int X Int X	X Aug X Aug X Aug	XXS	ep ep	XI Oct XI Oct XI Oct	X Nov X Nov X Nov	X De
Thermostal		HERS 2	006 Reference		8000			Hou		5000	2000	1000	5. 5.	100000
Schedule T	уре		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (W	D)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
Cooling (W	EH)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
leating (W	(D)	AM PM	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68
leating (W	EH)	AM PM	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68	68 68

FORM 1100A-08

Code Compliance Cheklist

Residential Whole Building Performance Method A - Details

ADDRESS:	PERMIT #:	
, fl,		

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	N1106.AB.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	N1106.AB.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems N1110.AB		All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-8 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 83

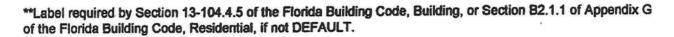
The lower the EnergyPerformance Index, the more efficient the home.

1.	New construction or exis	sting	New (From Plans)	9.	Wall Types	Insulation	Area
2.	Single family or multiple	family	Single-family			a. Frame - Wood, Exterior	R=13.0 R=13.0	1184.00 ft²
	Number of units, if multi	ple family	1	1		b. Frame - Wood, Adjacentc. N/A		160.00 ft²
4.	Number of Bedrooms		3			d. N/A	R=	₩3
5.	. Is this a worst case?		No		10. Ceiling Types	Insulation	Area	
6,	Conditioned floor area (f	t²)	1508			a. Under Attic (Vented)	R=30,0	1508.00 ft ^a
7.	Windows** a. U-Factor:	Description Dbl, U=0.40		Area 122.00 ft²		b. N/A c. N/A	R= R=	ft² ft²
	SHGC: SHGC=0.28			122.00 K	11	I. Ducts a. Sup: Attic Ret: Attic AH: Garage	Sup. R= 6, 301	.o n≈
	SHGC:				12	2. Cooling systems		00 1-011
	c. U-Factor: SHGC:	N/A	•	₩5		a. Central Unit	Ca	p: 28 kBtu/hr SEER: 13
	d. U-Factor: SHGC:	N/A		ft²	13	Heating systems Electric Heat Pump	Car	p: 29 kBtu/hr
	e. U-Factor: SHGC:	N/A		ft²		a. Electric ress. Pump	Ca	HSPF: 7.7
	Floor Types a. Siab-On-Grade Edge	Insutation	Insulation R=0.0	Area 1508.00 ft*	14	I. Hot water systems a. Electric	Ca	p: 40 gallons EF: 0.92
	b. N/A c. N/A		R= R=	ft² ft²		b. Conservation features None		
					15	5. Credits		None

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature:	Date:	13
Address of New Home:	City/FL Zip:	The state of the s
		A STATE OF THE PARTY OF THE PAR

Department of Community Affairs at (850) 487-1824.



ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 83

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

1.	New construction or exist	ring	New (F	rom Plans)	9.	. Wall Types	Insulation	Area
2	Single family or multiple t	amily	Single-	-family		a. Frame - Wood, Exterior	R=13.0	1184.00 ft²
3	Number of units, if multip	le family	1			b. Frame - Wood, Adjacent	R=13.0	160.00 ft ^a
	Number of Bedrooms	io ioniny	3			c. N/A	R= R=	ft²
	THE STREET		19000			d. N/A	1001	IC-
5.	Is this a worst case?		No		10. Ceiling Types	insulation	Area	
6.	Conditioned floor area (ft)	1508			a. Under Attic (Vented)	R=30.0	1508.00 ft ²
7	Windows**	Description		Area		b. N/A	R=	fl ²
	a. U-Factor:	Dbl. U=0.40		122.00 ft²		c. N/A	R=	N ²
	SHGC:	SHGC=0.28		, 22.50 IL	11	I. Ducts		
	b. U-Factor:	N/A		ft ²		a. Sup: Attic Ret: Attic AH: Garage	Sup. R= 6, 301.	6 M²
	SHGC:	temen.		33	12	2. Cooling systems		
	c. U-Factor:	N/A		ft²		a. Central Unit	Cap	: 28 kBtu/hr
	SHGC:							SEER: 13
	d, U-Factor:	N/A		ft²	13	3. Heating systems		
	SHGC:					a. Electric Heat Pump	Can	: 29 kBtu/hr
	e. U-Factor:	N/A		ft ²				HSPF: 7.7
	SHGC:				4,	I. Hot water systems		naman anas N
8.	Floor Types	In	sulation	Area	15	a. Electric	Cen	: 40 gallons
	a. Stab-On-Grade Edge II	nsulation R	=0.0	1508.00 ft²		a. Lecuro	Cop	EF: 0.92
	b. N/A	R:	=	ft²		b. Conservation features		L1 . 0.02
	c. N/A	R:	=	ft²		None		
					15	i. Credits		None

1 certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature:	Date:
Address of New Home:	City/FL Zip:



"Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at (321) 638-1492 or see the Energy Gauge web site at energygauge.com for information and a list of certified Raters. For information about Florida's Energy Efficiency Code for Building Construction, contact the

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

Suncoast Insulators

A Small Min

Proposal

Date 1-5-10

Contractor/Homeowner: MIKE ROBERTS

Project: 1508 L/A

We hereby submit specifications and estimate for furnished and installed materials as follows:

EXTERIOR WALLS - HOUSE AND GARAGE- R-13 "UNFACED" BATTS CEILINGS@ LIVING AREA- (NO GARAGE) R- 30 BATTS POLYSEAL AND FIRECAULKING TO CODE PROPER VENTS TO CODE

PRICE \$ 1752.00

WIRE SHELVING - 64 LF. OF CLOSET SHELVING \$ 219.00 VANITY MIRROR - 38"X60", 38"X 30" \$110.00

TOTAL AS BID \$ 2,081.00

TOTAL AS PACKAGE PRICE DISCOUNT <\$105.00> PACKAGE PRICE \$1976.00

UNLESS ACCEPTED, TH	HIS PROPOSOL IS GOOD FOR (30) DAYS FROM ABOVE
Accepted	Suncoast Insulators
Ву	By: Mike D'Andrea

SURCONTRACTOR V	FRIEICATION	FORM

APPLICATION NUMBER 1001-06	CONTRACTOR	William G. WOOD	PHONE 386-755-869
THIS FORM MUST	T BE SUBMITTED PRIOR	TO THE ISSUANCE OF A PERMIT	

In Columbia County one permit will cover all trades doing work at the permitted site. It is <u>REQUIRED</u> that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

	Marrie - Ciramia inc	MI AM
LECTRICAL	Print Name MATTHEWS ELECTRIC INC	
	License #: ER-0014352 76	Phone #: \(\begin{aligned} 386-344-2029 \end{aligned} \]
MECHANICAL?	Print Name_ Dervick Williams	Signature Signature
4/c	License #: BA 130 67384	Phone #: 754-1987
PLUMBING/	Print Name Hoppidow Ploubing	Signature No- Colles
GAS 298	License #: RF 1(067,418	Phone #: 386-954-6140
ROOFING	Print Name (1) hill tech Contracting	Signature 10000000
385	License #: (058182 - CBC05818	2 Phone #: 3917558645
SHEET METAL	Print Name	Signature
	License #:	Phone #:
FIRE SYSTEM/	Print Name	Signature
SPRINKLER	License#:	Phone #:
SOLAR	Print Name	Signature
	License #:	Phone #:
Specialty L	cense License Number Sub-Contractors P	rinted Name Sub-Contractors Signature
MASON ne	ed Librauc_	_

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON need Libt	wc_	_	_
CONCRETE FINISHER	000025	Garywar 2012 JR	A 7, 5, m - 1.
FRAMING	101	Mike Roberts	Wil Khe-
INSULATION	CBCOSR 182	William Wood	(effective
STUCCO	NA		
DRYWALL	CBC 058182	William & Whit	Weller
PLASTER	CBC 058182	,,,	1, ,-,-
CABINET INSTALLER	CBC 058187	1)	7,
PAINTING		William wind	Celler
ACOUSTICAL CEILING	Wa		1 2
GLASS	000618	Lake City Gilass - tate Carl	Bullard, Carl Bulloud
CERAMIC TILE	CAC 658182	- William Wood	Myour
FLOOR COVERING	,,	[1	17
ALUM/VINYL SIDING	/1	D	" 1
GARAGE DOOR	000619	Lake City Glass - Carl Bull	and Carl Bullard
METAL BLDG ERECTOR	NA		

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Forms: Subcontractor form: 6/09



COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST REQUIRMENTS

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

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

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

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

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

	APPLICANT - P	GENER LEASE CHECK AL	AL REQUIREMENTS: L APPLICABLE BOXES BEFORE SUBMITTAL		h Box sha Circled as Applicable	Military
				Yes	No	N/A
1	Two (2) complete sets o	f plans containing the	following:			T
2	All drawings must be cle	ear, concise, drawn to	scale, details that are not used shall be marked void	/		
3	Condition space (Sq. Ft.)	1505	Total (Sq. Ft.) under roof 2350	ШШП	IIIIIIII	шш

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

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details required

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL.			
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIIII	IIIII	IIIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	~		T
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)			
11	Wind importance factor and nature of occupancy			
12	The applicable internal pressure coefficient, Components and Cladding	-		-
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifally designed by the registered design professional.	/		

Elevations Drawing including:

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

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies			
21	Raised floor surfaces located more than 30 inches above the floor or grade			1./
22	All exterior and interior shear walls indicated	+-/		+V
23	Shear wall opening shown (Windows, Doors and Garage doors)	1		+
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	1	_	+
25	Safety glazing of glass where needed	-	/	+
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)		1	
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)			1
28	Identify accessibility of bathroom (see FBCR SECTION 322)	1/		-

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

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

Items to Include-Each Box shall be Circled as Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	/		
30	All posts and/or column footing including size and reinforcing			
31				1
32	Assumed load-bearing valve of soil Pound Per Square Foot	1 ,		1
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	1		

FBCR 506: CONCRETE SLAB ON GRADE

34 Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	V	,		
35 Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	1			_

FBCR 320: PROTECTION AGAINST TERMITES

	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods.		
100000	Protection shall be provided by registered termiticides		

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type		N
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement		1

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

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	1	
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers		i
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers	-	_
42	Attachment of joist to girder		
43	Wind load requirements where applicable		 _
44	Show required under-floor crawl space		_
45	Show required amount of ventilation opening for under-floor spaces		
46	Show required covering of ventilation opening		
47	Show the required access opening to access to under-floor spaces		
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &		-+-

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

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

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

FBCR:ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating		/	
67	Valley framing and support details	1		/
68	Provide dead load rating of rafter system			2

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

	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	1	,	
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas		1	

FBCR ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for residential building

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
	YES	NO	N/A	
73 Show the insulation R value for the following areas of the structure	7,			
74 Attic space	1/			
75 Exterior wall cavity				
76 Crawl space			/	
77 Submit two copies of a Manual J sizing equipment or equivalent computation study 78 Exhaust fans locations in bathrooms	1			
78 Exhaust fans locations in bathrooms	1			
79 Show clothes dryer route and total run of exhaust duct				
Plumbing Fixture layout shown 80 All fixtures waste water lines shall be shown on the foundation plan			V	
81 Show the location of water heater				
Private Potable Water				
82 Pump motor horse power	V			
83 Reservoir pressure tank gallon capacity				
84 Rating of cycle stop valve if used				

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified		
86	Ceiling fans	7	
87	Smoke detectors & Carbon dioxide detectors	7.	
88	Service panel, sub-panel, location(s) and total ampere ratings	/	
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.		

	8	
90 Appliances and HVAC equipment and disconnects		
91 Arc Fault Circuits (AFCI) in bedrooms		

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

Notice Of Commencement

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

	Items to Include- Each Box shall be Circled as Applicable	
--	--	--

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

02	D 22 2	YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects			
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	/		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	/		
95	City of Lake City A permit showing an approved waste water sewer tap		/	
96	Toilet facilities shall be provided for all construction sites		 	-
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations			/
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			
100	A development permit will also be required. Development permit cost is \$50.00			
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	/		
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	/		

Section R101.2.1 of the Florida Building Code Residential:

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

Section 105 of the Florida Building Code defines the:

Time limitation of application.

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

Single-family residential dwelling.

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

Permit intent.

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

If work has commenced.

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

New Permit.

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

Work Shall Be:

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

The Fee:

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

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

DDUCT APPE	ROVAL SPECIFICATION SHEET						
Location: Crusswinds Lot 45 Project Name:							
As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004 . We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org							
Manufacturer	Product Description	Approval Number(s)					
		61/166					
Magazina	Side Wrighed Stratass Door	BEHLESEN FL409					
	O O						
	Steel ext. Loves	-					
Better Britt		FL1214-R1					
	1						
	A A						
		4.7					
EUK	30yr Shingus	FL 560- 42 FL 1874-R1					
	30# Feet	FL1874-R1					
	Sa.842 and Florida the building composite product approva al can be obtained Manufacturer Wester bith Feller bith	53.842 and Florida Administrative Code 9B-72, please provide the building components listed below if they will be utilized on the pulliding permit on or after April 1, 2004. We recommend you be product approval number for any of the applicable listed product acan be obtained at www.floridabuilding.org Manufacturer Product Description Washing Stull Wtt. Hooks Stull Wtt. Hooks Retter both Chetter both Stull Stringus 30# Celt					

12. Roofing Slate

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s
13. Liquid Applied Roof Sys			
14. Cements-Adhesives -			FL1960-R1
Coatings			
15. Roof Tile Adhesive			
16. Spray Applied			-2
Polyurethane Roof			
17. Other			
. SHUTTERS			
Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
. SKYLIGHTS			
1. Skylight			
2. Other			
. STRUCTURAL			
COMPONENTS			
Wood connector/ancho	r		PL474-121
2. Truss plates			
3. Engineered lumber			FL-1008-R1
4. Railing			1
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
I. NEW EXTERIOR			
ENVELOPE PRODUCTS			
1.			-
2.			
The products listed below of time of inspection of these lobsite; 1) copy of the products and certified to comply with	products, the fo uct approval, 2) n, 3) copy of the	llowing information must be a the performance characterist applicable manufacturers ins	review. I understand that at the vailable to the inspector on the tics which the product was teste tallation requirements.
understand these product	s may have to b	e removed if approval canno	t be demonstrated during inspec
11/hannows		ta Ellica	m G wood 1-60
Contractor or Contractor's Authoriz	zed Agent Signature	Print Name	Date

Permit # (FOR STAFF USE ONLY)

Project Information

For:

Mike Roberts Lake City, FI

Design Information				
	Htg	Clg		Infiltration
Outside db (°F)	33	92	Method	Simplified
Inside db (°F)	70	75	Construction quality	Average
Design TD (°F)	37	17	Fireplaces	0
Daily range	-	M		
Inside humidity (%)	40	50		
Moisture difference (gr/lb)	-	52		

HEATING EQUIPMENT

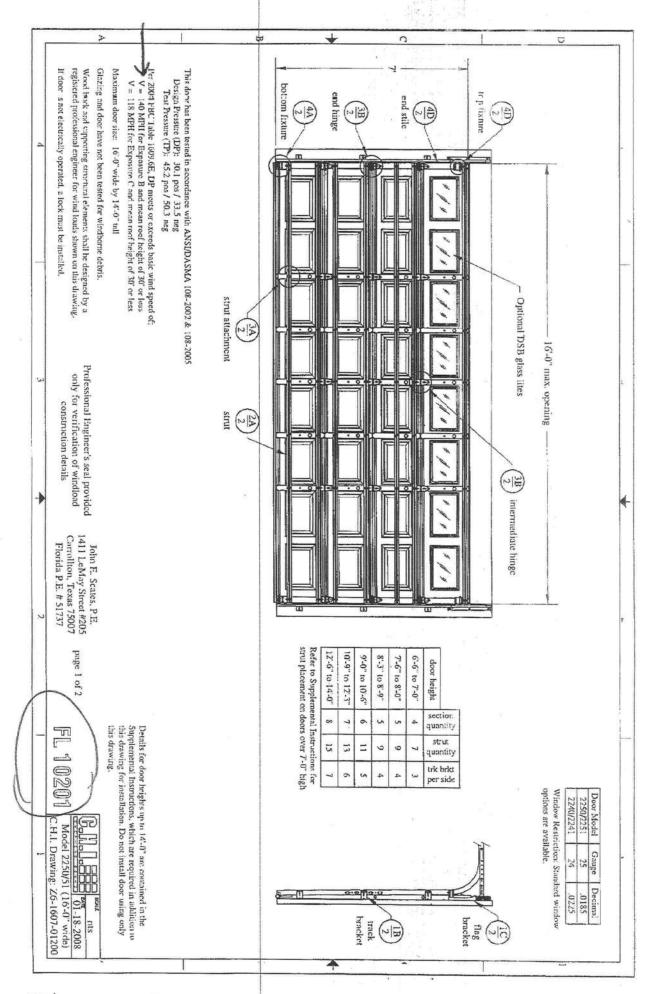
COOLING EQUIPMENT

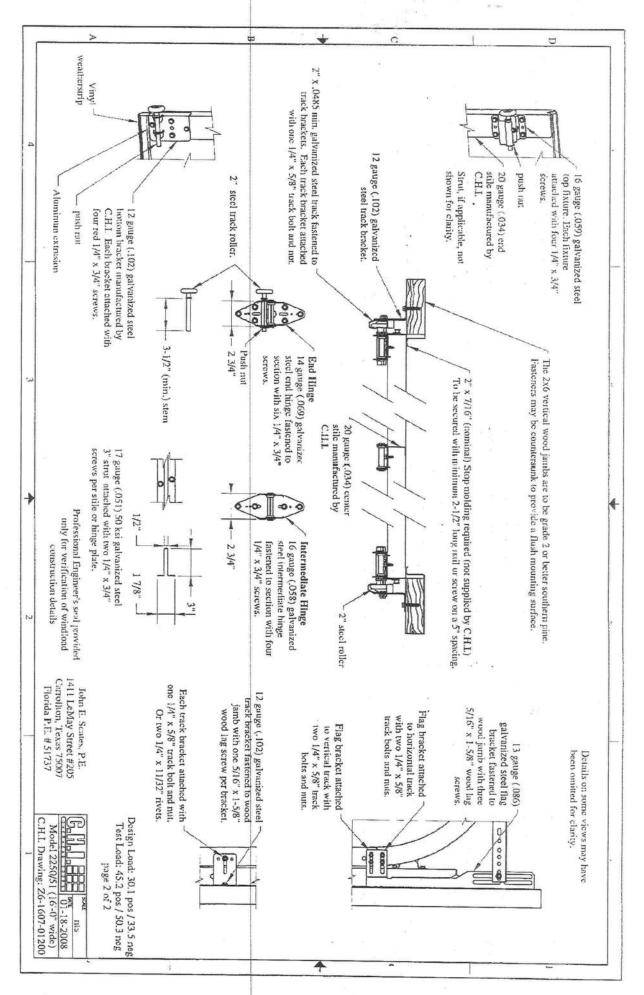
Make Tempstar Trade NHP Series Model NHP230A(G)KC*			Make Trade Cond Coil	Tempstar NHP Series NHP230A(G)K EX*36F***+M	C* V12F19****	*:
Efficiency	7 HSPF		Efficiency		13 SEER	
Heating input			Sensible of	cooling	19600	Btuh
Heating output	29000	Btuh @ 47°F	Latent cod	oling	8400	Btuh
Temperature rise	28	°F	Total cool	ing	28000	Btuh
Actual air flow	933	cfm	Actual air	flow	933	cfm
Air flow factor	0.036	cfm/Btuh	Air flow fa	ctor	0.043	cfm/Btuh
Static pressure	0.10	in H2O	Static pres	ssure	0.10	in H2O
Space thermostat			Load sens	sible heat ratio	0.66	

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
master bed	210	4255	3989	152	171
master bath	79	2445	959	87	41
master closet	74	826	353	30	15
kitchen	130	1394	2299	50	99
dinning rm	130	2574	3098	92	133
living rm	338	5415	5184	194	223
bedrm 2	204	4342	2727	155	117
bedrm 3	167	3928	2549	140	109
bath	41	720	264	26	11
core	136	195 ¹	309	7 1	13

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

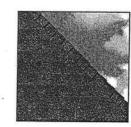








PRESTIQUE® HIGH DEFINITION®



RAISED PROFILE®

Prestique Plus High Definition and Prestique Gallery Collection™ Raised Profile Product size _ _13%"x 39%" 50-year limited warranty period: 30-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with Product size 13½°x 38%° 5-7**years non-prorated coverage for shingles and application labor with Exposure _ Exposure . 5% Pieces/Bundle _ Pieces/Bundle ___ prorated coverage for remainder of limited warranty period, plus an prorated coverage for remainder of limited warranty period, plus an Bundles/Square ___4/98.5 sq.ft. Bundles/Square ____3/100 sq.ft. Squares/Pallet ____11 option for transferability*. 5-year Squares/Pallet _____16 option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 110 mph*** limited wind warranty*. Wind Coverage: standard 70 mph. Prestique I High Definition Product size 13%'x 39%" 40-year limited warranty period: **HIP AND RIDGE SHINGLES** 5-7**years non-prorated coverage for Exposure 5% shingles and application labor with Pieces/Bundle 16 Seal-A-Ridge® w/FLX™ Vented RidgeCrest™ w/FLX™ prorated coverage for remainder of Bundles/Square ___4/98.5 sq.ft. limited warranty period, plus an option for transferability*. 5-year Size: 12"x 12" Size: 13*x13%* Squares/Pallet ____14 Exposure: 6%" Exposure: 91/4 limited wind warranty*. Wind Pieces/Bundle: 45 Pieces/Box: 26 Coverage: standard 80 mph, extended 90 mph*** Coverage: 4 Bundles = Coverage: 5 boxes = 100 linear feet 100 linear feet Prestique High Definition Product size 131/1×381/1 30-year limited warranty period: Elk Starter Strip 5-7**years non-prorated coverage for shingles and application labor with Exposure _ 52 Bundles/Pallet Pieces/Bundle 18 Pallets/Truck prorated coverage for remainder of Bundles/Square ____3/100 sq.ft. limited warranty period, plus an option for transferability*. 5-year 936 Bundles/Truck Squares/Pallet ____ 16 19 Pieces/Bundle limited wind warranty*. Wind 1 Bundle = 120.33 linear feet

Available Colors (Check Availability): Antique Slate, Weatheredwood, Shakewood, Sablewood, Hickory, Barkwood, Forest Green, Wedgewood, Birchwood, Sandalwood, Gallery Collection: Balsam Forest", Weathered Sage", Sienne Sunset".

All Prestique, Raised Profile and Seal-A-Ridge, and Prestique Starter Strip roofing products contain sealant which activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard*treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae.

All Prestique and Raised Profile shingles meet UL* Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

Coverage: standard 80 mph.

All Prestique and Raised Profile shingles have approval from the Florida Building Code Commission, Metro-Dade County, ICBO, and Texas Department of Insurance.

*See actual limited warranty for conditions and limitations.

**Elective January 1, 2004, the seven year non-prevated Umbrella Coverage Period applies only when a full Elk Roof System is installed with the original installation of the Elk shingles, all in accordance with Elk's application instructions for such products. A full Elk roof system includes Elk Hip and Ridge shingles on all hips and ridges, Elk Starter Strip along all rake and enve edges, an Elk ventilation system, and Elk All-Climat Self-Athering Understyment in all valents, Additionally, Elk All-Climates Self-Athering Understyment in all valents, and in an accordance with Elk's application instructions for such products and only the starter Strip along all rakes and eave edges of the roof in and north of the states of VA, KY, MO, KS, CO, UT, NY, & OR.

***For a limited Wind Wharnarhy up to 110 mph for Prestique Gallery Collection, Prestique Plus, or 90 mph for Prestique I or Grandé, at least six (6) property placed NALLS and Elk Starter Strip shingles are required. See application instructions printed on the shingle wrapper for additional requirements.

SPECIFICATIONS

Scope: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exteriorseasoned 1 x of (26.4mm x 152.4mm) boards; exterior-grade plywood (exposure I rated sheathing) at least 3/8' (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16' (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

Materials: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For Low slopes[4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)], use two plies of underlayment overlapped a minimum of 19. Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treats

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

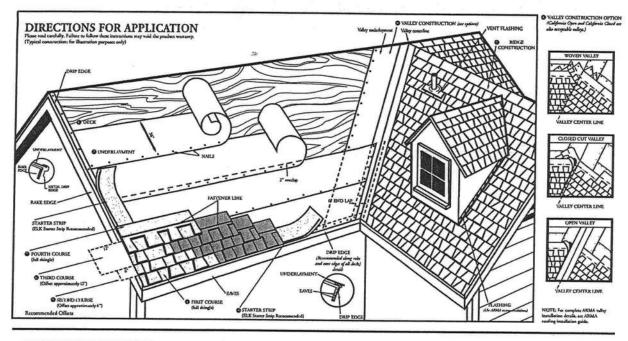
For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com

SOUTHEAST & ATLANTIC OFFICE: 800.945.5551

CORPORATE HEADQUARTERS: 800.354.7732

PLANT LOCATION: 800.945.5545





DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those printed here. Shingles should not be jammed tightly together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

O DECK PREPARATION

L

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 7/16" oriented strandboard, or 7/16" chipboard.

O UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Elk Versashield* or self adhering underlayment is also acceptable. Cover drip edge at eaves only.

For low slope(2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 15°. Begin by fastening a 15° wide strip of underlayment placed along the eaves. Place a full 36° wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 21/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24' beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt plastic cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside well of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Technical Services Department for application specifications over other decks and other slopes.

⊗ STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR THE HEADLAP OF A STRIP SHINGLE WITH THE ADHESIVE STRIP POSITIONED AT THE EAVE EDGE. With at least 3' trimmed from the end of the first shingle, start at the rake edge overhanging the eave and rake edges 1/2' to 3/4". Fasten 2" from the lower edge and 1" from each side.

O FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course. Shingles may be applied with a course alignment of 45° on the roof

© SECOND COURSE

Offset the second course of shingles with respect to the first by approximately 6*. Other offsets are approved if greater than 4*.

@ THIRD COURSE

Offset the next course by 6' with respect to the second course, or consistent with the original offset.

FOURTH COURSE

Start at the rake and continue with full shingles across roof.

FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rack shingles straight up the roof. Offsets may be adjusted around valleys and penetrations.

O VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturing Association (ARMA) recommended procedures. For metal valleys, use 35' wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 5' of valley center.

O RIDGE CONSTRUCTION

For ridge construction Elk recommends Class "A" Z"Ridge or Seal-A-Ridge" with formula FLX" or RidgeCrest" with FLX (See ridge package for installation instructions). Vented RidgeCrest or 3-tab shingles are also approved.

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Using the fastener line as a reference, nail or staple the shingle in the double thickness common bond area. For shingles without a fastener line, nails or staples must be placed between and/or in the sealant dots.

NAILS: Corrosive resistant, 3/6' head, minimum 12-gauge roofing nails. Elk recommends 1-1/4' for new roofs and 1-1/2' for roof-overs. In cases where you are applying shingles to a roof that has an exposed overhang, for new roofs only, 3/4' ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1' ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16'. Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less. This product meets the requirements of the IRC 2003 code when fastened with 4 nails.

MANSARD APPLICATIONS

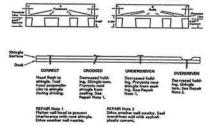
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1° from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profileth shingles must be applied with 4 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.
- For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I, shingles must be applied with 5 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT CUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Ek Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4 of an inch.

HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the DOUBLE THICKNESS (laminated) area of the shingle. Nails or staples must be placed along – and through – the "fastener line" or on products without fastener lines, nail or staple between and in line with sealant dots. CAUTION: Do not use fastener line for shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified.

All Prestique and Raised Profile shingles have a U.L.® Wind

All Prestique and Raised Profile shingles have a U.L. Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALER: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.









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Product Approval Menu > Product or Application Search > Application List > Application Detail

COMMUNITY PLANNING

HOUSING & COMMUNITY DEVELOPMENT

* EMERGENCY MANAGEMENT

OFFICE OF THE

Application Type

Application Status

Comments

FL#

Code Version

Archived

FL1214-R1

Revision

2004

Approved

Product Manufacturer Address/Phone/Email

Alenco

615 Carson

Bryan, TX 77802

(979) 779-7770 ext 343 mkoppers@alenco.com

Authorized Signature

Martin Koppers

mkoppers@alenco.com

Technical Representative

Address/Phone/Email

Martin Koppers

615 Carson St.

Bryan, TX 77802

mkoppers@alenco.com

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Windows

Single Hung

Compliance Method

Certification Mark or Listing

Certification Agency

National Accreditation & Management Institute,

Referenced Standard and Year (of

Standard

Standard)

AAMA/NWWDA 101/I.S.2

Equivalence of Product Standards Certified By

Sections from the Code

1707.4.2.1

Product Approval Method

Method 1 Option A

Date Submitted

06/08/2005

Date Validated

08/04/2005

Date Pending FBC Approval

06/18/2005

Date Approved

08/05/2005

Summary of Proc	ucts	
FL #	Model, Number or Name	Description
1214.1	1111	Vinyl Tilt Single Hung
Impact Resistar Design Pressure Other: 1111: 483 annealed,44X72 R	se in HVHZ: se outside HVHZ: nt:	Certification Agency Certificate Installation Instructions PTID 1214 R1 I FL INSTALLATION INSTRUCTIONS - Aluminum B.pdf PTID 1214 R1 I INSTALLATION INSTRUCTIONS - Vinyl B.pdf Verified By:
1214.2	3753	Aluminum Tilt Single Hung
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: 3753:44X72 R(40) Tested with Tested with DS annealed.For smaller window sizes, glass to comply with ASTM E1300-02.		Certification Agency Certificate Installation Instructions Verified By:
1214.3	4710F	Aluminum Single Hung
Approved for use Approved for use Approved for use Impact Resistant Design Pressure: Other: 4710F:48X DS annealed glass. glass to comply wit	e in HVHZ: e outside HVHZ: :- +/- 72 R(40)/DP(50), Tested with For smaller window sizes.	Certification Agency Certificate Installation Instructions Verified By:

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Next

DCA Administration

Department of Community Affairs Florida Building Code Online Codes and Standards

2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
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Product Approval Accepts:



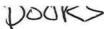


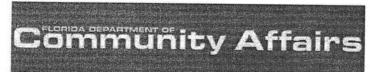
















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Product Approval Menu > Product or Application Search > Application List > Application Detail

COMMUNITY PLANNING HOUSING & COMMUNITY DEVELOPMENT Archived

FL# FL4090 Application Type New Code Version 2004 Application Status Approved

Product Manufacturer Address/Phone/Email

General American Door 5050 Baseline Rd Montgomery, IL 60538 (630) 859-3000 ext 175 j.campbell@hoermann-gadco.com

Authorized Signature

Comments

James Campbell j.campbell@hoermann-gadco.com

Technical Representative Address/Phone/Email

Quality Assurance Representative Address/Phone/Email

Category Subcategory

Exterior Doors

Sectional Exterior Door Assemblies

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

Florida Engineer or Architect Name who developed the Evaluation Report

Naser R. Keyvan

Florida License

PE- 53774

Quality Assurance Entity

Intertek Testing Services NA Inc

Validated By

John E. Scates, PE

Certificate of Independence

Referenced Standard and Year (of Standard)

Standard

<u>Year</u>

ANSI / DASMA 108-2002

2002

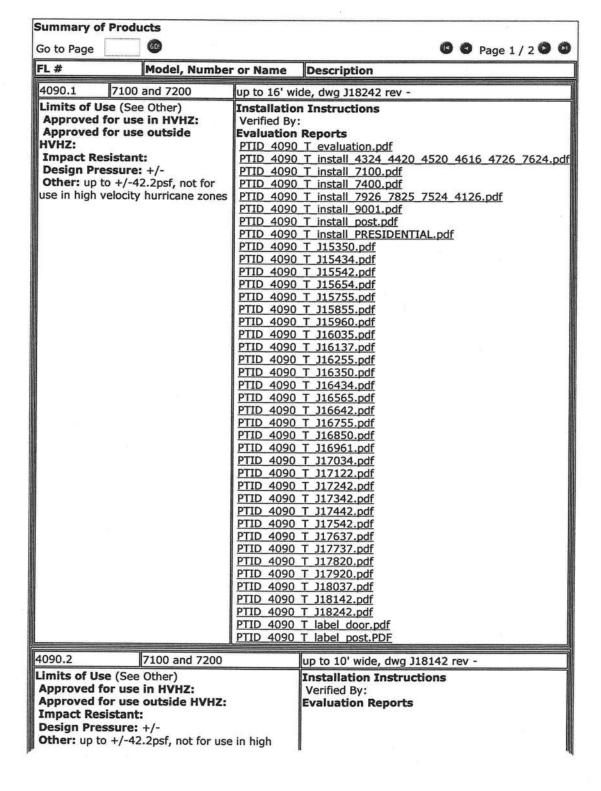
Equivalence of Product Standards Certified By

Sections from the Code

1707.4

Product Approval Method Method 1 Option D

Date Submitted 02/21/2005
Date Validated 03/03/2005
Date Pending FBC Approval 03/07/2005
Date Approved 03/16/2005



velocity hurricane zones	
4090.3 7100 and 7200	up to 10' wide, dwg J18037 rev -
Limits of Use (See Other)	Installation Instructions
Approved for use in HVHZ:	Verified By:
Approved for use outside HVHZ:	Evaluation Reports
Impact Resistant:	
Design Pressure: +/- Other: up to +/-37psf, not for use in high	
velocity hurricane zones	
4090.4 7100 and 7200	up to 16' wide, dwg J17920 rev -
Limits of Use (See Other)	Installation Instructions
Approved for use in HVHZ:	Verified By:
Approved for use outside HVHZ:	Evaluation Reports
Impact Resistant:	
Design Pressure: +/- Other: up to +/-20psf, not for use in high	
velocity hurricane zones	
4090.5 7825, 7624, 7524, 7400, 4726, 4420, 4324, and 4	126
Limits of Use (See Other)	Installation Instructions
Approved for use in HVHZ: Approved for use outside HVHZ:	Verified By: Evaluation Reports
Impact Resistant:	Evaluation Reports
Design Pressure: +/-	
Other: up to +34.8/-37.1psf, not for use in	high
velocity hurricane zones	
4090.6 7825, 7624, 7524, 7400, 4726, 4420, 4324, and 4	
Limits of Use (See Other)	Installation Instructions
Approved for use in HVHZ:	Verified By:
[: :	
Approved for use outside HVHZ:	Evaluation Reports
Impact Resistant:	
Impact Resistant: Design Pressure: +/-	Evaluation Reports
Impact Resistant:	Evaluation Reports
Impact Resistant: Design Pressure: +/- Other: up to +55/-57psf, not for use in high velocity hurricane zones	Evaluation Reports
Impact Resistant: Design Pressure: +/- Other: up to +55/-57psf, not for use in high velocity hurricane zones 4090.7 7825, 7624, 7524, 7400,	Evaluation Reports up to 9' wide, dwg J15654 rev -
Impact Resistant: Design Pressure: +/- Other: up to +55/-57psf, not for use in high velocity hurricane zones 7825, 7624, 7524, 7400, 4726, 4420, 4324, and 4	up to 9' wide, dwg J15654 rev -
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Impact Resistant: Design Pressure: +/- Other: up to +55/-57psf, not for use in high velocity hurricane zones 4090.7 7825, 7624, 7524, 7400, 4726, 4420, 4324, and 4 Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: up to +/-54psf, not for use in high velocity hurricane zones 4090.8 Freedom Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: up to +/-42.2psf, not for use in high velocity hurricane zones 4090.9 Freedom Limits of Use (See Other) Approved for use in HVHZ: Approved for use in HVHZ:	up to 9' wide, dwg J15654 rev - Installation Instructions Verified By: Evaluation Reports up to 18' wide, dwg J17542 rev - Installation Instructions Verified By: Evaluation Reports up to 16' wide, dwg J17442 rev - Installation Instructions Verified By: Verified By: Verified By:
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	Freedom	up to 10' wide, dwg J17342 rev -
Limits of Use (See		Installation Instructions
Approved for use i		Verified By: Evaluation Reports
Impact Resistant:		Evaluation Reports
Design Pressure:		
	2psf, not for use in high	
velocity hurricane zo		
4090.11	Freedom	up to 8' wide, dwg J17242 rev -
Limits of Use (See		Installation Instructions
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	reedom	up to 10' wide, dwg J17637 rev -
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Other: up to +/-37p	osf, not for use in high	
velocity hurricane zor	nes	
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Limits of Use (See C Approved for use in Approved for use of Impact Resistant: Design Pressure: + Other: up to +/-22.	Other) n HVHZ: putside HVHZ: -/- 5psf, not for use in high	Installation Instructions Verified By:
Limits of Use (See C Approved for use in Approved for use on Impact Resistant: Design Pressure:	Other) n HVHZ: putside HVHZ: -/- 5psf, not for use in high	Installation Instructions Verified By:
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Design Pressure: +/- Other: up to +61/-67psf, not for use in high velocity hurricane zones	
4090.18 Presidential	up to 10' wide, dwg J15960 rev -
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: up to +60/-64psf, not for use in high velocity hurricane zones	Installation Instructions Verified By: Evaluation Reports
4090.19 Presidential	up to 16' wide, dwg J16255 rev -
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: up to +55/-61psf, not for use in high velocity hurricane zones	Installation Instructions Verified By: Evaluation Reports
4090.20 Presidential	up to 16' wide, dwg J15755 rev -
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: up to +55/+61psf, not for use in high velocity hurricane zones	Installation Instructions Verified By: Evaluation Reports
Go to Page	0 • Page 1 / 2 • 0

Back Next

DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436
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Product Approval Accepts:







NAIL SPACING DETAIL

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

BLOCK LOCATION, SIZE, LENGTH, GRADE AND TOTAL NUMBER AND TYPE OF NAILS ARE TO BE SPECIFIED ON SEALED DESIGN REFERENCING THIS DETAIL.

10d 8d

12d 16d

LOAD PERPENDICULAR TO GRAIN

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

LOAD PARALLEL TO GRAIN

12d

10d

Bd 20d

EDGE DISTANCE (6 NAIL DIAMETERS)
SPACING OF NAILS IN A ROW AND END DISTANCE (15 NAIL DIAMETERS)
SPACING BETWEEN STAGGERED ROWS OF NAILS (7 1/2 NAIL DIAMETERS)

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

C** BLOCK LENGTH OF LOAD AND NAIL ROWS DIRECTION C ** LINE MEMBER . B/2* BLOCK LENGTH A D D D

C** C/2** GUI GUN GUI 16d GUN

LINE



LOAD APPLIED PARALLEL TO GRAIN



Ĺ

Earth City, MO 63045

ceiling. Locations snown for permanent lateral restraint of webs shall have sections E3 & B7. See this job's general notes page for more information these functions. Installers shall provid shall have properly attached structural ceiling. Locations shown for permanen RRINGT* READ AND FOLLOW ALL NOTES ON THIS SHEET!
ses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow [Building Component, Safety Information, by TPI and WTCA) for safety practices prior to performing e functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, lop chord have properly attached structural pands and bottom chord shall have a properly attached rigid there are properly attached rigid.

"FIMPORTANT" FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

IT Building Components Group hat. (ITWBCG) shall not be responsible for any deviation from this design. ITW Building Components Group hat. (ITWBCG) shall not be responsible for any failure to build the truss in conformance with ITH. or federbeating, heading, a shipping, installing & any failure to build the truss in conformance with ITH. or federbeating, heading, a shipping hat with A653 grade 37/40, the conformation of the state of the control of the shipping that is the state of the shipping that is the shipping that it is the shipping that the shipping that it is the shipping that the shipping that it is the shipping that the shipping t

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10

DUBLAS FLEM

DATE DRWG

CNNAILSP0109 1/1/09 NAIL SPACE

REF

CENS No. 66648

STATE OF

MINIMUM NAIL SPACING DISTANCES

	DIS	DISTANCES		
NAIL TYPE	Α	В*	C**	D
BOX (0.113"X 2.5", MIN)	3/4"	1 3/8"	1 3/4"	7/8"
BOX (0.128"X 3.", MIN)	7/8"	1 5/8"	2"	1"
BOX (0.128"X 3.25", MIN)	7/8"	1 5/8"	స్త	۳.
BOX (0.135"X 3.5",MIN)	7/8"	1 5/8"	2 1/8" 1 1/8"	1 1/8
H BOX (0.148"X 4.", MIN)	1"	1 7/8"	7/2	1 1/8
COMMON (0.131"X 2.5", MIN)	7/8"	1 5/8"	2"	1"
1 COMMON (0.148"X 3.", MIN)	1"	1 7/8"	2 1/4" 1 1/8"	1 1/8
COMMON (0.148"X 3.25", MIN)	1"	1 7/8"	2 1/4"	1 1/8"
1 COMMON (0.162"X 3.5", MIN)	1,	23,	2 1/2" 1 1/4"	1 1/4
N (0.120"X 2.5",MIN)	3/4"	1 1/2"	_	1"
N (0.131"X 2.5", MIN)	7/8"	1 5/8"	∾,	1"
N (0.120"X 3.",MIN)	3/4"	1 1/2"	1 1/2" 1 7/8"	1"
N (0.131"X 3.",MIN)	7/8"	7/8" 1 5/8"	2,	-,



COLUMBIA COUNTY BUILDING DEPARTMENT 135 NE Hernando Ave, Suite B-21, Lake City, FL 32055 Phone: 386-758-1008 Fax: 386-758-2160

TETTER OF AUTHORIZATION TO SIGN FOR PERMITS

141111	W 53
1, William G. wood	(license holder name), licensed qualifier
for Wind-Tech Contraction	(company name), do certify that
the below referenced person(s) listed on this for holder, or is/are employed by me directly or thro officer of the corporation; or, partner as defined person(s) is/are under my direct supervision and permits, call for inspections and sign on my beh	m is/are contracted/hired by me, the license ugh an employee leasing arrangement; or, is an in Florida Statutes Chapter 468, and the said control and is/are authorized to purchase alf for this job address only —
2 572 SW Chastorfield	Circle CC M3tout
Printed Name of Person Authorized	Signature of Authorized Person
1. Mile Roberts.	1. Mat Ma
2. '	2.
3.	3.
4.	4.
authority to discipline a license holder for violation officers, or employees and that I have full respond and ordinances inherent in the privilege granted officer(s), you must notify this department in writauthorization form, which will supersede all previous	nd County Licensing Boards have the power and one committed by him/her, his/her agents, nsibility for compliance with all statutes, codes by issuance of such permits. is/are no longer agents, employee(s), or
Griadinorized personal doc your name andor	icus lists. Failure to do so may allow license number to obtain permits.
Hellar	ricus lists. Failure to do so may allow
Licensé Holders Signature (Notarized)	ricus lists. Failure to do so may allow license number to obtain permits.
+ Willean	icense number to obtain permits. CB-C058187
License Holders Signature (Notarized) NOTARY INFORMATION: STATE OF: Florida COUNTY Country Co	CB-C058187 1-26-10 License Number Date Date License Number Date
License Holders Signature (Notarized) NOTARY INFORMATION: STATE OF: Florida COUNTY Country Co	CG-C058187 1-26-(O) License Number Date License Number Date License Number Date

New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525 (exp. 02/29/2012)

This form is completed by the licensed Pest Control Company.

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

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential, therefore, no assurance of confidentiality is provided.

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

All contracts for services are between the Pest Control Company and builder, unless stated otherwise.

28333

		80322	
Section 1: General Information (Pest Control Comp	pany Information)		
Company Name	a.		
Company Address	City	State Zip Zip	12
Company Business License No.	all forms are an income to the same of	Company Phone No.	Acres de la constante de la co
FHA/VA Case No. (if any)			
Section 2: Builder Information	And the second second		_
Company Name Mike Roberts		Phone No.	190
Section 3: Property Information			
2 to the gard		1+1000 11 1 1 1 1 1 1 1	7 1
Location of Structure(s) Treated (Street Address	or Legal Description, City, State and Zip)	Lot 45 Cross univers Late City	171
	- 10 Miles	1985 - 1 R 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Section 4: Service Information			
120.0-2			
Date(s) of Service(s) 1-22-2010		ent Crawl Other	21
Check all that apply: A. Soil Applied Liquid Termiticide	9297	2-6	
Brand Name of Termiticide: MaxX - The	EPA Hegistration No.	Treatment completed on exterior: Ves [7 11-
B. Wood Applied Liquid Termiticide	t. Total Gallons Mix Applied.	Treatment completed on exterior: Fig. 4es [NO
Brand Name of Termiticide	EBA Bogi	stration No.	
Approx. Dilution (%): Approx			
C. Bait System Installed	t. Total dallons with Applied.		
	EDA Posistration No	Number of Stations Installed	
D. Physical Barrier System Installed	LFA Registration No.	Number of Stations Installed	
Name of System	Attach installation information (re-	quired)	
Name of System	Attach installation information (re-	(uned)	
Service Agreement Available? Yes	No		
Note: Some state laws require service agreement		npt state law.	
Attachments (List)			
Comments			1/
Name of Applicator(s) CLAF Lace v	Cortification No.	(if required by State law)	- 1
Name of Applicator(s) The applicator has used a product in accordance with		. (if required by State law)	d fodos
regulations.	The product label and state requirements. A	in materials and methods used comply with state and	redera
Mad A		1 28-2010	
Authorized Signature		Date 17/6/010	-
		The state of the s	

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



OCCUPAIC

COLUMBIA COUNTY, FLORIDA

epartment of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 24-4S-16-03117-145

Building permit No. 000028333

Permit Holder WILLIAM WOOD

Use Classification SFD, UTILITY

Fire: 32.10

Waste:

83.75

Owner of Building MICHAEL ROBERTS

Date: 05/28/2010

Location:

572 SW CHESTEFIELD CIRCLE, LAKE CITY, FL

115.85

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)

28333

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844 Florida Engineering Certificate of Authorization Number: 0 278 Florida Certificate of Product Approval # FL1999 Page 1 of 1 Document ID:1TZS8228Z0203160011

mike Roberts

Truss Fabricator: Anderson Truss Company

Job Identification: 10-002--Fill in later roberts -- , **

Truss Count: 1

Model Code: Florida Building Code 2007 and 2009 Supplement

Truss Criteria: FBC2007Res/TPI-2002(STD)

Engineering Software: Alpine Software, Version 9.02. Structural Engineer of Record: The identity of the structural EOR did not exist as of

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-05 - Closed

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

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

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

Details: -

#	Ref	Description	Drawing#	Date
1	53327-	-D1	10062003	03/03/10

Seal Date: 03/03/2010

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



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1TZS8228Z0203160011



Truss Fabricator: Anderson Truss Company

Job Identification: 10-002--Fill in later roberts -- , **

Truss Count: 1

Model Code: Florida Building Code 2007 and 2009 Supplement

Truss Criteria: F8C2007Res/TPI-2002(STD)
Engineering Software: Alpine Software, Version 9.02.

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

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-05 - Closed

Notes:

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

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

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

Details: -

#	Ref	Description	Drawing#	Date
1	53327-	-D1	10062003	03/03/10

4)4

Seal Date: 03/03/2010

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



ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1TY68228Z0204160807

Truss Fabricator: Anderson Truss Company

Job Identification: 10-002--Fill in later roberts -- , **

Truss Count: 33

Model Code: Florida Building Code 2007 and 2009 Supplement

Truss Criteria: FBC2007Res/TPI-2002(STD)

Engineering Software: Alpine Software, Version 9.02.
Structural Engineer of Record: The identity of the structural EOR did not exist as of

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-05 -Closed

Notes

 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

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

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

Details: BRCLBSUB-A1101505-GBLLETIN-CNNAILSP-

Committee of the commit	REVIEWED POR FIELD COPY CODE COMPLIANCE	
Mayon	Received for TLE COPY Code Compliance	OF ARTMEN

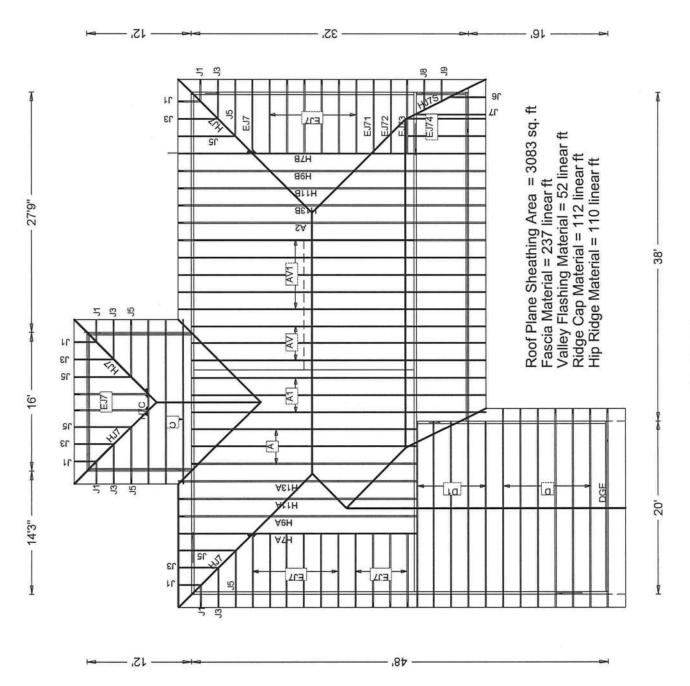
#	Ref Description	Drawing#	Date
1	88543 J1	10004018	01/04/10
2	88544HJ7	10004019	01/04/10
3	88545 J3	10004007	01/04/10
4	88546J5	10004020	01/04/10
5	88547 EJ7	10004021	01/04/10
6	88548 H7A	10004022	01/04/10
7	88549 H7C	10004023	01/04/10
8	88550EJ7	10004024	01/04/10
9	88551 D1	10004008	01/04/10
10	88552D	10004009	01/04/10
11	88553 DGE	10004025	01/04/10
12	88554H9A	10004010	01/04/10
13	88555 A	10004011	01/04/10
14	88556A1	10004026	01/04/10
15	88557 AV	10004027	01/04/10
16	88558AV1	10004028	01/04/10
17	88559 A2	10004029	01/04/10
18	88560 C	10004012	01/04/10
19	88561 H11A	10004013	01/04/10
20	88562H13A	10004014	01/04/10
21	88563 EJ71	10004030	01/04/10
22	88564EJ72	10004015	01/04/10
23	88565 EJ74	10004031	01/04/10
24	88566J7	10004016	01/04/10
25	88567 J6	10004017	01/04/10
26	88568 J9	10004032	01/04/10
27	88569 J8	10004033	01/04/10
28	88570HJ7S	10004034	01/04/10
29	88571EJ73	10004035	01/04/10
30	88572H9B	10004036	01/04/10
31	88573H11B	10004037	01/04/10
32	88574H13B	10004038	01/04/10
33	88575H7B	10004039	01/04/10
			7 - 7 - 7



Seal Date: 01/04/2010

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





- F

MIKE ROBERTS

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

Roof overhang supports 2.00 psf soffit load

Bottom chord checked for 10.00 psf non-concurrent live load

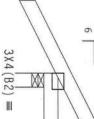
Provide Provide 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

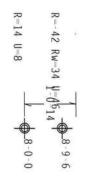
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

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

0-6-14





1-6-0-1 1-0-0 Over 3 Supports R-227 U-81 W-3.5" RL-42/-33

Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

PLT TYP.

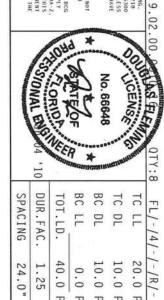
Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, LHADRING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FPI (TRUSS PLATE INSITURE, 220 MORTH LEE STREET, SUITE 312, ALEXANDRAL, VA, 22314) AND MICA (4000) TRUSS COUNCIL OF AMERICA, 6300 ERHEBENESE LAME, MAUSSON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS ORIENTISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

DRAWING INDICATES ACCEPTANCE OF PROFESS DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. SUITABILITY AND USE OF THIS COMPONEN NOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITH BEG SESKEY, ASHIM ASS3 GRADE 40/60 (M. K/M.SS) GALV. STEEL, APPLY BERNISKE LOCALED ON HIS DESIGN, POSITION PER DRAMMES 160A-Z. L. BE PER AMREX A3 OF TPI1-2002 SEC.3. A SEAJ ON THIS ENGINEEPING RESPONSIBILITY SOLETY FOR HIE TRUSS COMPONENT HIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



40.0

SEQN-

73560

HC-ENG DF/DF

10.0 PSF 20.0 PSF

REF DATE

R8228-88543

01/04/10

Scale =.5"/Ft.

10.0 PSF 0.0 PSF PSF

DRW HCUSR8228 10004018

24.0" 1.25

JREF -

1TY68228Z02

Top chord 2x4 SP | Bot chord 2x4 SP | Webs 2x4 SP | PLT TYP. Wave Deflection meets L/240 live and L/180 total load. Hipjack supports 7-0-0 setback jacks with no webs (10-002--Fill in later roberts --ITW Building Components Group Inc. * Haines City, FL 33844 FL COA #0 278 0-6-10 ALPINE #2 Dense #2 Dense #3 **IMPORTANT***UNRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT WEGS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE PLANT OF THE PROPERTY OF THE SETS OF THE SETS OF THE APPLICABLE PROVISIONS OF BUS (MATIONAL DESIGN SPEC, BY AFFA) AND IPT. IT WEGS CONNECTED PLAIRS (ARE MODE TO 20/18/16/06, (M.H/SSA), ASTH ASS GRANE 40/50 (M.K./M.SS) AGAV. STEEL, APPLY PLAIRS TO EACH FACE OF TRUSS AND, UNLESS OTHER JECCATED ON THIS DESIGN, POSITION PER BONATHORS 160A.7. ANY INSPECTION OF PLAIRS FOLIOHED BY (1) SHALL BE FER ANKEX AS OF THIS CONTROL SETS. A SEA, ON THIS DEALING JUDICALES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLETY FOR THE RUSS COMPONENT DESIGN SHOWN. THE SUITANT DESIGN SHOWN. THE SUITANT DESIGN SHOWN. THE SUITANT DESIGN SHOWN. THE SUITANT DESIGN SHOWN. NORTH LEE STREET, SUITE 312, ALEXA ENTERPRISE LANE, MADISON, NI 537 OTHERWISE INDICATED TOP CHORD SHAL A PROPERLY ATTACHED RIGID CEILING. REFER TO BCS1 3X4 (B2) R-458 U-136 W-4.95' \mathbb{W} III * EQUIRE EXTREME CARE IN FABRICATION, UANDLING, SHIPPING, INSTALLING AND HEACING, MIG COMPONENT SAFELY INFORMATION, PUBLISHED BY FPT (TRUSS PLATE INSTITUTE, 218 312, ALEXANDRA, VA, 22314) AND MICA (A000) TRUSS COUNCIL OF AMERICA, 6300 312, ALEXANDRA, VA, 22314) AND MICA (A000) TRUSS COUNCIL OF AMERICA, 6300 312 ALEXANDRA, VA, 22314) AND MICA (A000) TRUSS COUNCIL OF AMERICA, DALEXS (MICA) (AND ADMINISTRATION OF A MEDICAL COUNCIL ORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE HJ7) 4.24 Design Crit: FBC2007Res/TPI-2002(STD) 5-0-4 9-10-13 Over 3 Supports FT/RT=20%(0%)/0(0) 9-3-14 9-10-13 1.5X4₩ 110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL-5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Provide (2) 16d common nails $(0.162^*x3.5^*)$, toe nailed Provide (3) 16d common nails $(0.162^*x3.5^*)$, toe nailed Wind reactions based on MWFRS pressures 4-10-9 SOUGENSE No.66648 4X4≡ 16"15 10 R=354 U=20 R=270 U=138 BC LL BC DL TC DL DUR.FAC. TC LL TOT.LD. FL/-/4/-/-/R/-40.0 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF 10 PSF 8-0-0 at Top chord. at Bot chord. SEQN-DATE HC-ENG DF/DF DRW HCUSR8228 10004019 REF R8228- 88544 Scale = .5"/Ft. 01/04/10 73890

SPACING

24.0"

JREF -

1TY68228Z02

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

Roof overhang supports 2.00 psf soffit load.

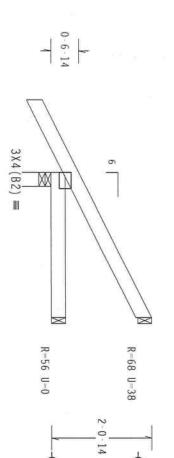
Bottom chord checked for 10.00 psf non-concurrent live load.

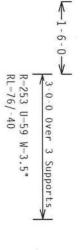
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord. Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

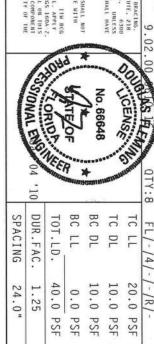
PLT TYP. Wave

***ARANING** PRUSSES REQUIRE LYTERE CARE IN FARRICATION, HANDING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSS (DURING) COMPONENT SECTED FOR THE STRIPLE, ZBW MORTH LET STREET, SUBJECT AND STOCK AND STOCK

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION ROOM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMACE WITH IP: 10 FARELACITHG, HANDLING, SHEPPIN, INSTALLING A BRACHIG OF TRUSSES; DESIGN AND TELL DESIGN CONFIGURES WITH APPLICABLE PROVISIONS OF HIDS SEARCH SECE, BY AFAFA) AND TELL ITH BCG CONNECTOR PLAIES ARE HADE OF 20/181/360A (M.H.SYS) ASTH ASS. GRANE 40/50 (M. K/H.SS) GALV. STEEL, APPLY PLAIES TO EACH FACE OF TRUSS AND, HURES OTHERNISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-Z. ANY HISSECTION OF PLAIES TOLOHORD BY (1) SHALL BE PER AMERY AS OF TELL 2002 SEC. 3. A SEA, ON HIRS DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGN SHORE FER ANYLY IPI 1 SEC. 2.

* Haines City, FL 33844 FL COA #0 278

ALPINE



REF

01/04/10

Scale =.5"/Ft.

R8228- 88545

SEQN-

73565

JREF -

1TY68228Z02

HC-ENG DF/DF

DRW HCUSR8228 10004007

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

Roof overhang supports 2.00 psf soffit load

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

Provide (2) 16d common nails $(0.162^nx3.5^n)$, toe nailed at Top chord. Provide (2) 16d common nails $(0.162^nx3.5^n)$, toe nailed at Bot chord.

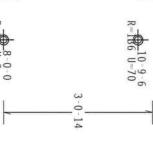
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

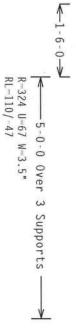
Wind reactions based on MWFRS pressures.

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

0-6-14 W 6

3X4 (B2) =





Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

PLT TYP. Wave

MORTH LEE STREET, SUITE 31Z, ALEXA
ENTERPRISE LAME, MADISON, WI 537
OTHERWISE INDICATED TOP CHORD SKAL
A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTPUBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY TALLINE TO BUILD THE TRUSS IN CONTORMANCE WITH TPI; OR FARBLEATING, HANDLIAG, SHEPPLY, HING, INSTALLING & BRACHING OF TRUSSES.

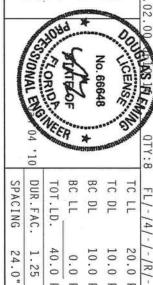
DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF RDS (MATIONAL DESIGN SPEC, BY AFANA) AND TPI. HERG CONNECTION PLATES ARE HAND OF ZOTUBLES OF HOS (MATIONAL DESIGN SPEC, BY AFANA) AND TPI. APPLY PLATES TO EACH TACE OF TRUSS AND. BUILESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWLINGS 150A-2. DRAWING INDICATES ACCEPTANCE OF PROFESS DESIGN SHOWN. THE SUITABILITY AND USE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. OF HDS (MATIONAL DESIGN SPEC, BY AFAPA) AND IPI.

118/85/8) ASTM AGES GRADE GAJGO (M. K.M. SS) GALV. SITELL APPLY
OTHERHYSE LOCATED ON THIS GOSIGN, POSITION PER ORALINGS 160A-Z,
MALL BE PER ANNEX AS OF IPI1-2002 SEC.3.

A SEAL ON THIS
WAL GRADIECENIA RESPONSIBILITY SOLETY FOR THE TRUSS COMPONENT
OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

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

ALPINE



A STATE OF THE PARTY OF THE PAR	OF PART PANONSOS	TOT	STATE OF IN	NO. 00040	NO COCAO
SPACING	10 DUR.FAC.	TOT.LD.	BC LL	BC DL	TC DL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF
JREF - 1		SEQN-	HC-ENG DF/DF	DRW нси	DATE
JREF - 1TY68228Z02		73570	DF/DF	DRW HCUSR8228 10004020	01/04/10

20.0 PSF

REF

R8228- 88546

Scale = .5"/Ft.

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

Roof overhang supports 2.00 psf soffit load

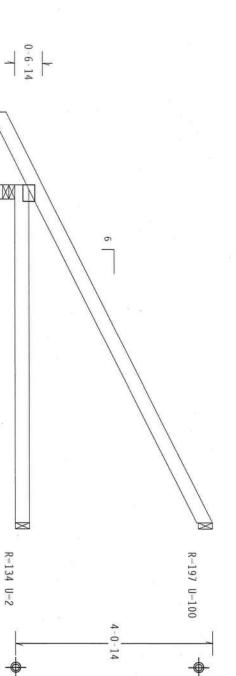
Bottom chord checked for 10.00 psf non-concurrent live load.

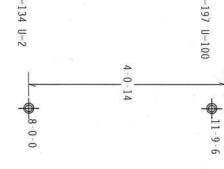
Provide Provide 2) 16d common nails (0.162"x3.5"), toe nailed at Top chord. 2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

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

Wind reactions based on MWFRS pressures.

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







3X4 (B2)

Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

Scale =.5"/Ft.

28 10004021 /04/10 PLT TYP. Wave

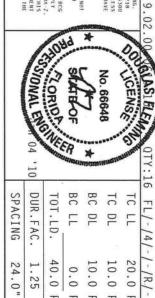
WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDING, SHIPPING, HSTALLING AND BRACING, REFER TO BCST. (BUILDING COMPOUND SAFETY INFORMATION), PUBLISHED BY FHI (TRUSS FLATE INSTITUE, 218 10.75). THE STREEK, SUITE 317. ALEXANDRA, VA. 22314) AND NICA (MODD TRUSS COUNCIL ON AMERICA, 6300 ENTERGRESS LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT* URBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESONSTBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE WITH IP: OR FARELGALING, NAMPLIAG, INSTALLING & BRACING OF TRUSSES.

DESIGN CONTROPS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ALPA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (M.M/SS/K) ASTH AGES DRADE 40/60 (M. K/M.SS) GALV. STEL. APPLY PLATES TO LACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN. POSITION FER DRAMINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIT-2002 SEC.3. A SEAL ON THIS DRAMING INDICATES ACCEPTANCE OF PROPERSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWS AND THE TRUSS COMPONENT THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DRAWHING HODICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ANSI/IPI I SEC. 2.

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

ALPINE



	OS/ONAL ENG 04 '10	TOT.LD.	d State of IR	*	No 66648	OU CENSE OF
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- 1TY68228Z02		SEQN- 73612	HC-ENG DF/DF	DRW HCUSR8228 1000402	DATE 01/04/10	REF R8228- 88547

Top chord 2x6 SP | Bot chord 2x6 SP | Webs 2x4 SP | #2 :T1 2x4 SP #2 Dense: #2 #3 :W6 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load

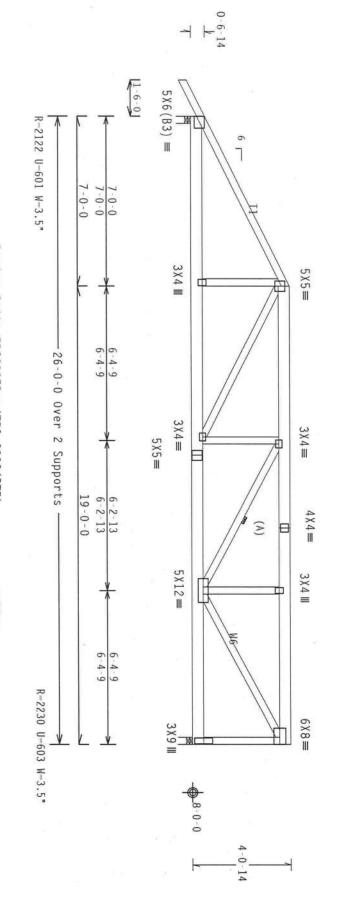
In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. (A) Continuous lateral bracing equally spaced on member.

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

Wind reactions based on MWFRS pressures.

#1 hip supports 7-0-0 jacks with no webs. Right end vertical not exposed to wind pressure.

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



Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

POWENT SAFETY INFORMATION).

PLT TYP.

Wave

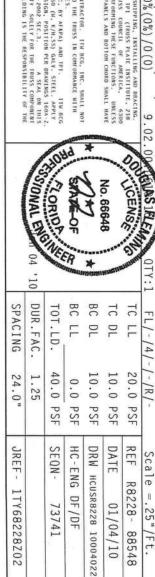
NORTH LEE STREET, SUITE 312, ALEX ENTERPRISE LANE, MADISON, WI 53 OTHERWISE INDICATED TOP CHARD SHA A PROPERLY ATTACHED RIGID CEILING **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR W CONTRACTOR. ITH BCG, INC. SHALL NOT BUILD THE TRUSS IN COMFORMANCE WITH RUSSES.

BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY PROPERTY OF FABRICATING, HANDLING, SHIPPING, INSTALLING & B DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MAII ANY INSPECTION C. BY AFKPA) AND IPI.

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



1TY68228Z02

73741

R8228- 88548

01/04/10

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

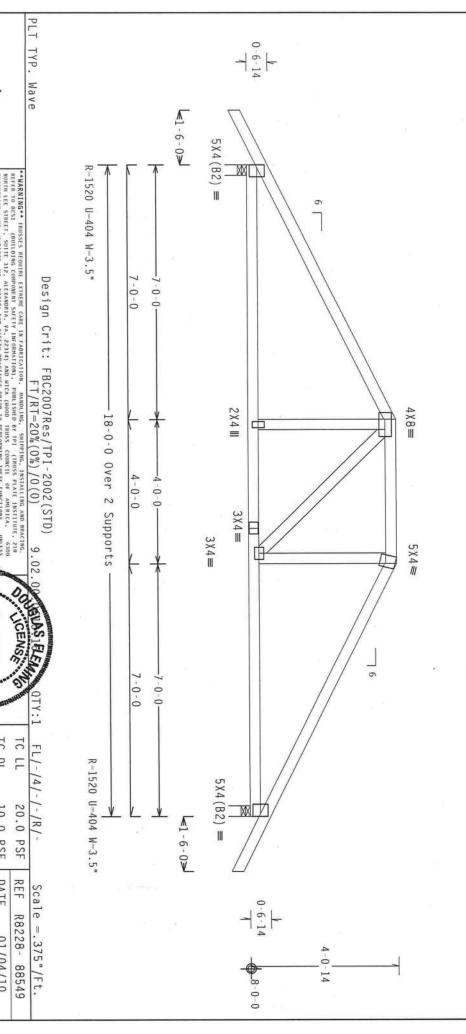
Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load. #1 hip supports 7-0-0 jacks with no webs



TW Building Components Group Inc.

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY IPPING, INSTALLING, A F

INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH

GN SPEC, BY AFAPA) AND TP1. ITH BCG
DE 40/60 (M. K/H.SS) GALV. STEEL. APPLY
HIS DESIGN, POSITION PER DRAWINGS 160A Z

SOLELY FOR THE TRUSS COMPONENT
NG IS THE RESPONSIBILITY OF THE

NORTH LEE STREET, SUITE 3. ENTERPRISE LANE, MADISON, OTHERWISE INDICATED TOP CO

NUTERPRISE LAME, MADISON, WI \$3719) FOR SAFETY PRACTICES PRIOR TO PERIORITHM THESE FUNCTIONS. UNLESS THE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERTY ATTACHED RIGHT CELLING.

No. 66648

BC DL BC LL

> 10.0 PSF 10.0 PSF

DRW HCUSR8228 10004023

DUR.FAC.

1.25

TOT.LD.

40.0 PSF

SEQN-

73733

0.0 PSF

HC-ENG

DF / DF

SPACING

24.0"

JREF -

1TY68228Z02

TC DL

DATE

01/04/10

DESIGN CONFORMS WITH APPLICABLE PROVISIONS CONNECTOR PLATES ARE MADE OF 20/18/16GA (W

E OF 20/18/16GA

Haines City, FL 33844
 FL COA #0 278

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

Roof overhang supports 2.00 psf soffit load

Bottom chord checked for 10.00 psf non-concurrent live load

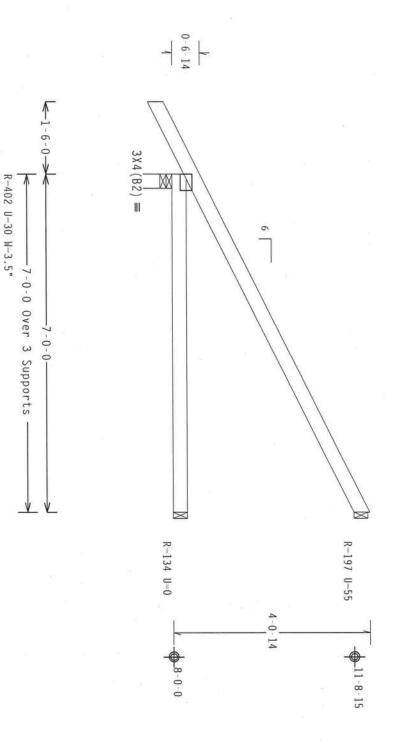
MWFRS loads based on trusses located at least 15.00 ft. from roof

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

Wind reactions based on MWFRS pressures.

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

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.



REFER TO BCST ("MONAR PROPERTY SAFETY INFORMATION, HANDLING, SHIPPING, INSTALLING AND BRACING, BEFFER TO BCST ("GUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (FRUSS PLATE INSTITUTE, 2189 MORTH LEE STREET, SUITE 372, ALEXANDRAM, VA, 22314) AND WILLA (MODD TRUSS COUNCIL OF MEBELCA, 6300 CHIEFARS, LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLGATED TO FORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERLY ATTACHED RIGHD CELLING. Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

RL=96/-55

TYP.

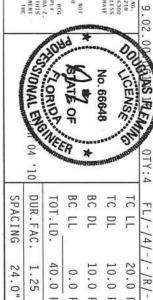
Wave

IMPORTANT*UBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE RGG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE PRUSS IN COMPORMANCE WITH IP: OR FABRICATION, AND INFO. INSTALLINE A BRANCHE OF TRUSSES.

DESIGN CONDENS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY AFAPA) AND IPI. THE RGG CONNECTOR PLATES ARE MODE OF 20/18/16/04 (M.14/SSA), ASTH AGS GRADE 40/60 (M. K/M.SS) GAV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERHISE LOCATED ON THIS DESIGN. POSITION PER BUANTHOS 160A-Z ANY INSPECTION OF PLATES ADDICATED BY THE SERVING SECONDAL OF THIS CONTROL OF THIS COMPONENT OF THIS CONTROL OF THIS COMPONENT OF THIS CONTROL OF THIS COMPONENT OF THIS COMPONENT

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

ALPINE



Name of the last o	10	ORIORINE		*	*****	ENS
SPACING	DUR.FAC	TOT.LD.	BC LL	BC DL	TC DL	TC LL
ING	FAC.	LD.	_	_	_	_
24.0"	1.25	40.C	0.0	10.0	10.0	20.0
0"	01	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
JREF		SEQN-	нс-Е	DRW	DATE	REF
JREF- 1TY68228Z02		/ 3	HC-ENG DF/DF	HCUSRE		R822
6822		73617	/DF	228 1	01/04/10	8 - 8
8202		1550		DRW HCUSR8228 10004024	/10	R8228- 88550

Scale = .5"/Ft.

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

Roof overhang supports 2.00 psf soffit load

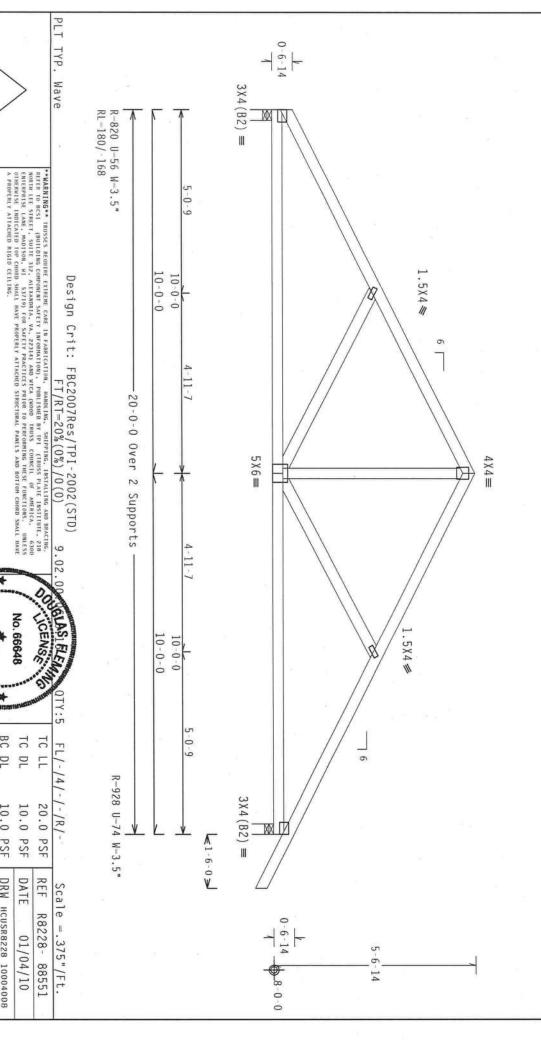
MWFRS loads based on trusses located at least $15.00\ \mathrm{ft.}$ from roof edge.

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

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

Wind reactions based on MWFRS pressures.

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



ITW Building Components Group Inc.

PHATES TO EACH FACE OF TRUSS AND. MULESS OTHERHS
ANY INSPECTION OF PLATES FOLLOWED BY 1) SMALL BE
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGIDESIGNS SHOWN. THE SUITABILITY AND USE OF THIS S
BUILDING DESIGNER PER ANS/JPI 1 SEC. 2.

IMPORTANT FUBRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALIDAN FARM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMFORMANCE HITH TPI; OR FARE CALVING, HANDLING, SHIPPING, HISTALLING A BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY ALPA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 72/18/16GA (M.H/SS/K), ASH A653 GRADE 40/50 (M. K/M.SS) GANY. SIEL APPLY PLATES TO EACH FACE OF TRUSS AND. MICESS OFHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRACING 160A-Z. ANY HISPECTION OF PLATES FOLURED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. HIE SUITABILITY OF THE BRACING OF PROFESSIONAL MERINGERING RESPONSEBILITY SOLELY FOR THE TRUSS COMPONERY DEALERS ACCEPTANCE OF PROFESSIONAL MERINGERING RESPONSEBILITY SOLELY FOR THE TRUSS COMPONERY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONERY FOR ANY BUILDING IS THE RESPONSEBILITY OF THE

10

SPACING DUR.FAC.

24.0" 1.25

JREF -

1TY68228Z02

BC LL BC DL TC DL

0.0 PSF

HC-ENG DF/DF

DRW HCUSR8228 10004008

10.0 PSF 10.0 PSF

DATE

01/04/10

TOT.LD.

40.0

PSF

SEQN-

73626

ALPINE

Haines City, FL 33844
 FL COA #0 278

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

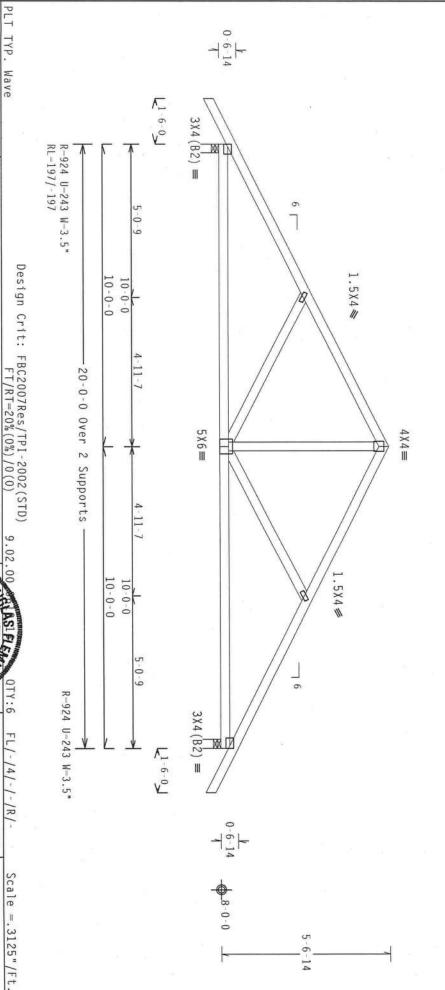
Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures

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



NORTH LEE STREET, SHITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODD 18HSS CONECLL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, HI 53719) FOR SWETT PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND PANELS COMPONENT SAFETY INFO HANDLING, SHIPPING, INSTALLING AND BRACING.
PUBLISHED BY TPI (TRUSS PLAIE INSTITUTE, 218
FICA (HOOD TRUSS COUNCIL OF AMERICA, 630

IMPORTANT*URRISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY MAILURE TO BUILD THE FRUSS IN COMPORMANCE WITH FP:; OR FARELATION, AND IDELEGA HERADOL HASTALLIKE A BRACKE OF TRUSSES.

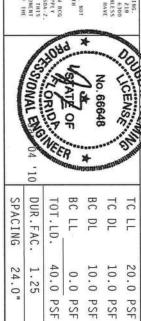
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MAITONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW BCG CONNECTOR PLAIRS ARE MADE OF 20/18/16/04 (4.1/55X), ASTH AGS GRADE 40/60 (4. X/H.SS) GAVE. STEEL APPLY PLAIRS TO EACH FACE OF TRUSS AND, URLES OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2 ANY INSPECTION OF PLAIRS AND LOCATED WHITE SECOND SEC.3. A SEAL ON THIS DRAWING SECOND SEC.3. A SEAL ON THIS DRAWING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSEBILITY SOLETY FOR THE INSISS COMPONENT DISABLE OF THE ADMINISTRATION OF THE PROPERTY.

ONSIBILITY SOLELY FOR THE TRUSS COMPONENT

TW Building Components Group Inc.

ALPINE

* Haines City, FL 33844 FL COA #0 278



DATE REF

01/04/10

R8228-

88552

DRW HCUSR8228 10004009

DF / DF

SEQN-HC-ENG

73634

JREF-

1TY68228Z02

Top chord 2x4 SP Bot chord 2x4 SP Webs 2x4 SP :Stack Chord SCI Top chord Bot chord #2 Dense #2 Dense

#3 2x4 SP #2 Dense::Stack Chord SC2 2x4 SP #2 Dense:

overhang supports 2.00 psf soffit load.

Gable end supports 8" max rake overhang

See DWGS A11015050109 & GBLLETIN0109 for more requirements.

Bottom chord checked for 10.00 psf non-concurrent live load

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

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

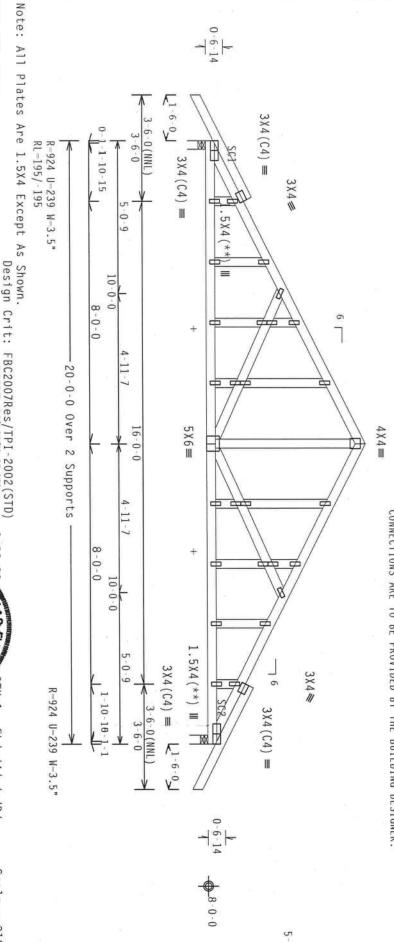
(**) plot 2 plate(s) require special positioning. Refer details for special positioning requirements. to scaled plate

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

Wind reactions based on MWFRS pressures

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, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.



Design Crit:

TYP.

Wave

A PROPERLY ATTACHED RIGID CEILING. FT/RT=20%(0%)/0(0)

9.02.00

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

Scale = .3125"/Ft. R8228-

DATE REF

01/04/10

88553

DRW HCUSR8228 10004025

DF / DF

IMPORTANT*FURNISH A CORY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR MAY ENTAILED FROM THIS DESIGN. ANY FAILURE TO BUILD. THE THUSS IN COMPORMANCE WITH PICTOR FARRECTHOR, AND ING. SHEPPING, INSTALLING A BRACHTO OF TRUSSES.

DESIGN CONFIGERS WITH APPLICABLE PROPYISIONS OF DROS (MATIONAL DESIGN SPEC, BY AFLEY), AND AND PIL. THE RECOMMENTED PALLETS ARE ANDER OF 2018 JOSCAC WALVESTY, NATH ASSA DRADE 40/600 (M. M.H.S.) GAVE. SHEEL, APPLY PILETS TO EACH FACE OF TRUSS AND, DUBLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION PER DRAWHOS 1800A Z. ANY HISSECTION OF PILETS TOLLOWED BY CI) SHALL BE FER AMERY AS OF PILETS ORDER SECONDAL OF THE SUSTAINAL OF PILETS OF THE SUSTAINAL THE SU

TW Building Components Group Inc.

ALPINE

* Haines City, FL 33844 FL COA #0 278

GOUBLAS FLE ORIO SIGNAL CENSE No. 66648 10 BC DL DUR.FAC. TC DL TOT.LD. SPACING IC LL 40.0 10.0 10.0 20.0 PSF 24.0" 1.25 0.0 PSF PSF PSF

> SEQN-HC-ENG

73794

JREF -

1TY68228Z02

Top chord 2x4
Chord 2x4
Webs 2x4 \$ \$ \$ \$ #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 0C.

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

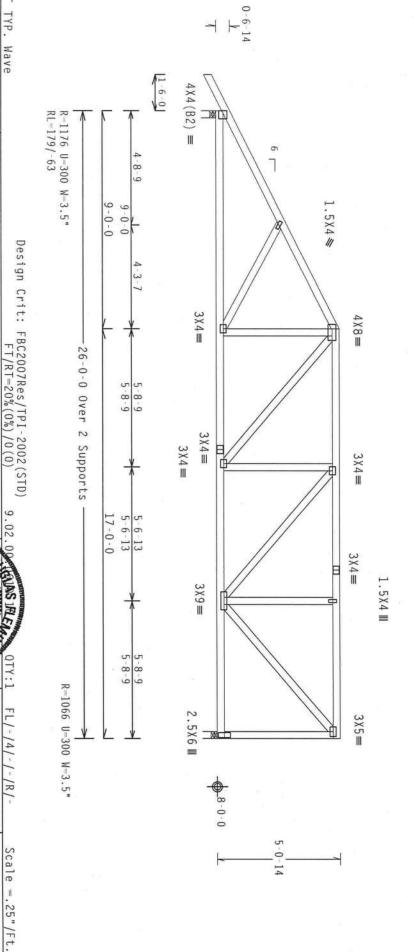
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure

Bottom chord checked for 10.00 psf non-concurrent live load

loads based on trusses located at least 7.50 ft. from roof



*IMPORTANT ** FURNISH A COPY OF THIS DESIGN TO THE A PROPERLY ATTACHED RIGID CEILING (TRUSS PLATE INSTITUTE, 218

PLT TYP.

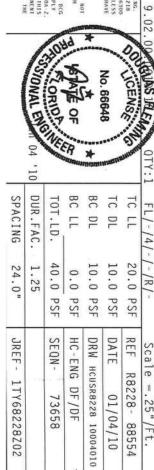
Wave

DESIGN SHOWN. THE S BUILDING DESIGNER PER CONNECTOR PLATES ARE MADE OF 20 PLATES TO EACH FACE OF TRUSS AN ANY INSPECTION OF PLATES FOLLOW BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FALLURE TO TETL: OR FABRICATING, HANDLING. STIPPING. HESTALLING & BRACING OF I DESIGN COMPORIS WITH APPLICABLE PROVISIONS OF MDS (MATIONAL DESIGN DESIGN SPEC. BY AFAPA) AND IPT. ITW BCG
SO GRAME 40760 (W. K/H. SS) GALV. STEEL. APPLY
D ON HIS BESIGN, POSITION PER DRAHINGS 160A - Z.
K AJ OF TPII-2002 SEC. J. A SEAL ON THIS W CONTRACTOR. ITH BCG, INC. SHALL NOT BUILD THE TRUSS IN COMPORMANCE WITH

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



1TY68228Z02

73658

R8228-

88554

01/04/10

* Haines City, FL 33844 FL COA #0 278

SPACING

24.0"

JREF -

1TY68228Z02

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

Roof overhang supports 2.00 psf soffit load

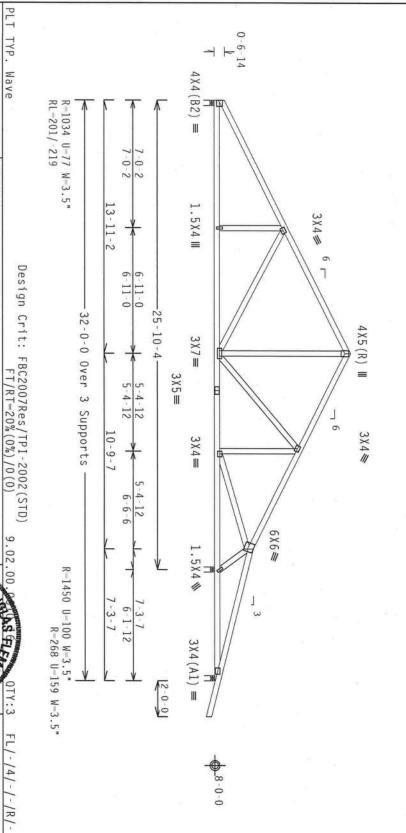
Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

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

Wind reactions based on MWFRS pressures.

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



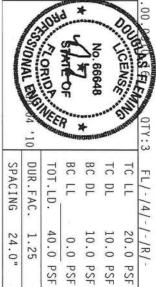
RETUR TO BOSSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (FBUSS PLATE INSTALLING AND BRACING, RETUR TO BOSSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (FBUSS PLATE INSTITUTE, 2788 MORTH LEE STREEF, SUITE 137, ALEXANDRAN, VA, 22314) AND WICK, (1000) TRUSS COUNCIL OF AMERICA, 6300 ENVIESPESTS LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP COMBO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT*UNMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILINE TO BUILD THE TRUSS IN COMPORMANCE HITH IP: OR FARBICATING, MADULING, SHEPPHOE, INSTALLING & BRACHEN OF TRUSSES.

DESIGN CONFEDENCY HITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, BY AFAPA) AND TET. THE BCG CONNECTION PLAITS, ARE MODE TO ZOUTH OR AND AND THE APPLY PRACTES OF EACH FACE OF TRUSS AND, UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION PER BRANHING SHOW. A PRACTES OF THE STORM OF PLAIFS (OUTHER) SHOWN AND THE SHOWN SHOWN. THE SHIFT AND USE OF THIS COMPONENT OR STORMATHON SHOWN. THE SHIFT AND USE OF THIS COMPONENT OF SHOWN SHOWN. THE SHIFT AND USE OF THIS COMPONENT OR ANY BHILDING IS THE RESPONSIBILITY OF THE BULLDING DESIGN SHOWN.

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

ALPINE



24.0" 1.25 JREF -1TY68228Z02

PSF

SEQN-

73700

HC-ENG

DF/DF

DRW HCUSR8228 10004026

DATE

01/04/10

REF R8228- 88556

Scale =.1875"/Ft.

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

Roof overhang supports 2.00 psf soffit load

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

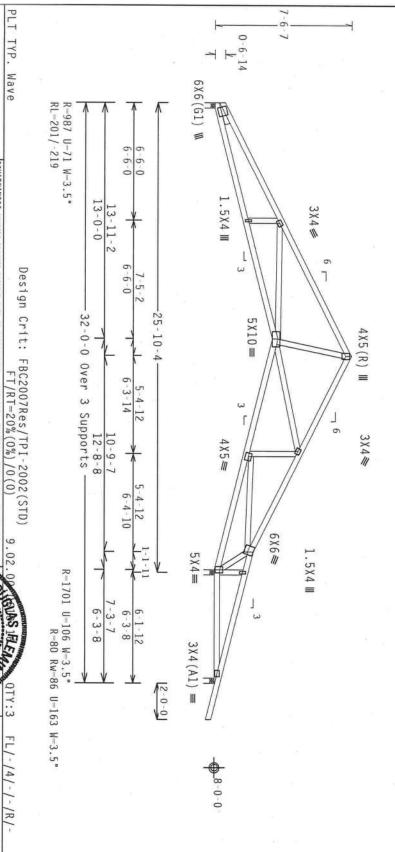
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, within 4.50 ft from roof edge, CAT II, EXP wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 C, wind TC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load

Shim all supports to solid bearing.



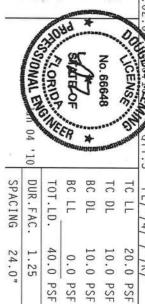
A PROPERLY ATTACHED RIGID CEILING TING, INSTALLING AND BRACING.
(TRUSS PLATE INSTITUTE, 218 NS. UNLESS

DESIGN CONTONES WITH APPLICABLE PROVISIONS OF MIS (MATIONAL DESIGN SPEC, BY STEPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/166A (M.JN/SSY) ASTH AGS GRADE 40/60 (M.K/M.SS) GALY. PLATES TO LACH FACE OF TRUSS AND. UNLESS DIHERMISE LOCATED ON THIS DESIGN. POSITION FRE BU ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPO THE BCG (H. K.H., S.) GALV. STEEL APPLY THIS DESIGN, POSITION PER DRAHINGS 160A-Z. MSIRILITY MSIRILITY ONSTRICTLY OF THE SHALL NOT

TW Building Components Group Inc.

ALPINE

*Haines City, FL 33844 FL COA #0 278



PSF

SEQN-

HC-ENG

DF / DF 73704

DRW HCUSR8228 10004027

01/04/10 88557

JREF -

1TY68228Z02

REF DATE

Scale = .1875"/Ft. R8228-

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

Roof overhang supports 2.00 psf soffit load

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

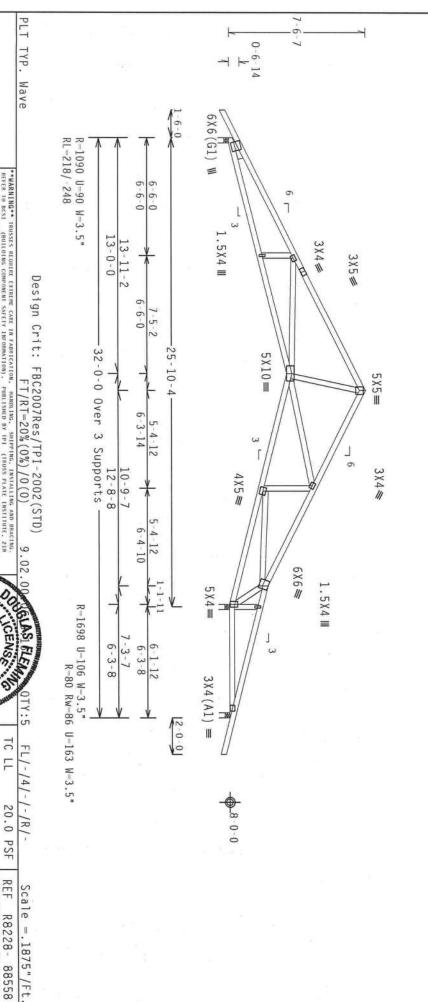
MWFRS loads based on trusses located at least $15.00\ \mathrm{ft.}$ from roof edge.

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

Wind reactions based on MWFRS pressures

Bottom chord checked for 10.00 psf non-concurrent live load

Shim all supports to solid bearing.



MOBIN LEE SIREET, SUITE 312, ALEXANDRIA, VA. 22314) AND MICA (MODE BRYSE CAME, MODISM, WI SYTY) FOR SAFETY INFORMATION), PUBLISHED BY THE TRUST LARE, MODISMA, WI SYTY) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. WHLESS OTHERSTSC LARE, CANDES SHALL MAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER A PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL MAYER PARELS AND BOTTON CHORD SHALL PARELS AND BOTTON CHORD SHALL MAYER PARELS AND BOTTON CHORD SHALL PARELS AND BOTTON CHORD SHALL PARE OUIRE EXTREME CARE IN FABRICATION. SHIPPING, INSTALLING AND BRACING.

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SS COUNCIL OF AMERICA, 6300

PRIATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON WITS DESIGN
ANY INSPECTION OF PARIES FACLORED BY (1) SHALL BE FER ARMEY AS OF TPIL-2C
DAWLING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY
DESIGN SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDI
BUILDING DESIGNER FER ANSLIPP I SEC. 2. **IMPORTANI****DURNISH A CODY OF HIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. HEC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN: ANY LATINE TO BUILD THE FRUSS IN COMPORMACE WITH IP!: OF FABELCAMING, MANDLING, SHIPPING, HISTANLING & BRACING OF THUSSES.

BESTON COMPORTS WITH APPLICABLE PROVISIONS OF MOS (MAILTONAL DESIGN SPEC, DY AFAPA) AND IP!.

CONNECTOR PLAIRS ARE MADE OF TO/187160A (M. HYS/N), ASTH AGS) BRACE 40/50 (M. K/M; SS) GALV: STEEL, APPLY COMPORTS WITH APPLICABLE PROVISIONS OF MOS (MAILTONAL DESIGN SPEC, DY AFAPA) AND IP!. GRADE 40/60 (W. X., SS) GALV STEEL APPLY CHIS DESIGN, POSITION PER DRAWINGS 160A-Z. OF THIL 2002 SEC.3. A SEA

BUILDING IS THE RESPONSIBILITY OF THE CENSE No. 66648 DUR.FAC. BC DL TC DL TC LL SPACING TOT.LD. 1.25 40.0 20.0 PSF 10.0 PSF 0.0 10.0 PSF 24.0" PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 10004028 JREF -

DF / DF 73712

1TY68228Z02

R8228-



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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load

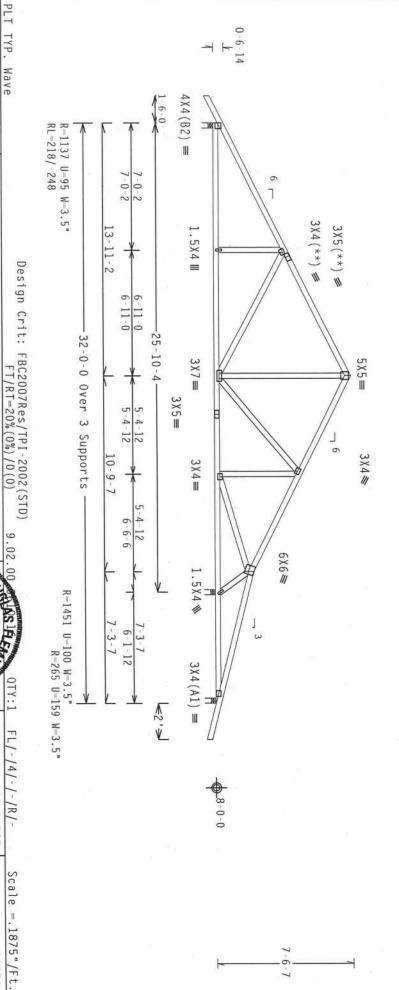
Deflection meets L/240 live and L/180 total load.

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

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

Wind reactions based on MWFRS pressures

MWFRS loads based on trusses located at least 15.00 ft. from roof



WARNING INUSSES REQUIRE EXIBERE CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BOSI. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 270 NORTH LEE SIREET, SUITE 312, ALEXANDRIA, VA, 22314) AND HICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTREPRISE LANE, ANDISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERSISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT FUNNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY EATLURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE TO FLOW FARE CALVING. INHOLLING. SHEPLYING. INSTALLING A BRACING OF TRUSSES.

BESIGN COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE COMPORES WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE COMPORTS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE COMPORTS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE COMPORTS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRI. THE APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALAPA) AND TRIES APPLY PROVIDED THE MATIONAL PROVISIONS OF MOS (MATIONAL DESIGN SPEC).

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPORESTOR SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. SIGH SPEC. BY AFAPA) AND PPI.

RADE 40/50 (H. K/H.5S) GALV. STEEL APPLY

THIS DESIGH. POSITION FE DEA/HING 160A-Z

OF TPI1-2002 SEC.3. A SEAL ON THIS

ONSIBILITY SOLELY FOR THE TRUSS COMPONIENT

ANY BUILDING IS THE RESPONSIBILLITY OF THE

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278

TC

	10				511	
SP,	DUI	10	ВС	ВС	TC	TC
SPACING	DUR.FAC.	TOT.LD.	BC LL	DL	DL	TC LL
24.0"	1.25	40.0 PSF	0.0 PSF	10.0 PSF	10.0 PSF	20.0 PSF
u.	1.0	PSF	PSF	PSF	PSF	PSF
JREF-		SEQN-	HC-EN	DRW H	DATE	REF
JREF- 1TY68228Z02	**	73717	HC-ENG DF/DF	CUSR8228		R8228- 88559
228202		17	- 61	DRW HCUSR8228 10004029	01/04/10	88559

*Haines City, FL 33844 FL COA #0 278

SPACING

24.0"

JREF -

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

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

(9)

24"

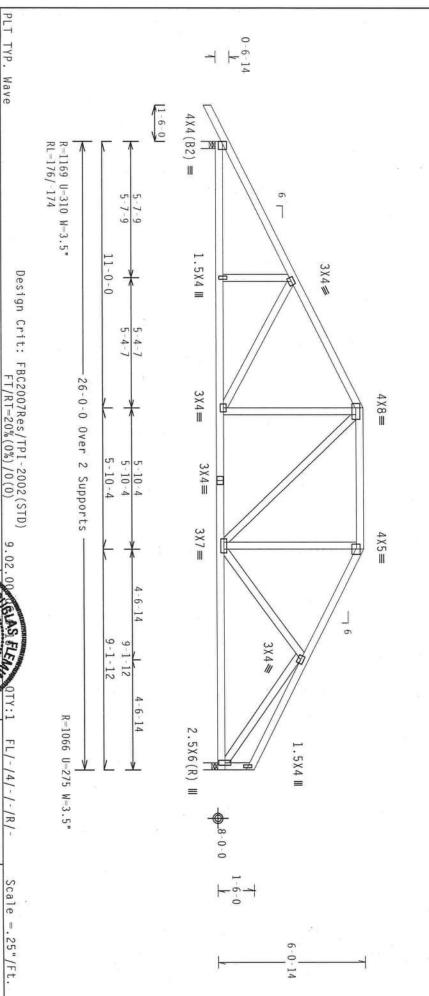
Deflection meets L/240 live and L/180 total load

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

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load

MWFRS loads based on trusses located at least 7.50 ft. from roof



WARNING RUSSES BEQUIRE LYBERG CARE IN FARRICATION, JHADILMS, SHIPPING, HISTALLING AND BRACING, REFER TO BESS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAIE INSTITUTE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. ZZ314) AND NTCA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LAKE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE FUNCTIONS. UNLESS OHIERATES TROTCATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE BUILD THE TRUSS IN CONFORMANCE WITH

> CENSE No. 66648

BC DL

TC DL

DATE

01/04/10

DRW HCUSR8228 10004013

DF / DF 73822

TC LL

20.0 PSF 10.0 PSF 10.0 PSF

REF R8228-88561

BC LL

0.0 PSF PSF

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. ANY FAILURE TO BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN. ANY FAILURE TO BE PER ALTER A BRANCH THE APPLICABLE PROVISIONS OF HIS DESIGN CONFIDENCY HIM APPLICABLE PROVISIONS OF HIS DESIGN CONFIDENCY HIM APPLICABLE PROVISIONS OF HIS CONFIDENCY HIM APPLICABLE PROVISIONS OF HIS CONFIDENCY HIM APPLICABLE PROVISIONS OF HIS STAND PLATES TO EACH FACE OF TRUES AND. HIMESES OTHERWISE LOCATED ON HIS ANY HIS PELIFABLE OF PROFESSIONAL ENGINEERING RESPONSIBILITY AND DESIGN SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNER PER ANSI/IPI 1 SEC. 2. INAL BE PER ANNEX AS OF IPI1-2002 SEC.3. A SEAL ON THIS

TW Building Components Group Inc.

ALPINE

'Haines City, FL 33844 FL COA #0 278

DUR.FAC.

1.25 40.0

TOT.LD.

SEQN-HC-ENG

SPACING

24.0"

JREF -

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

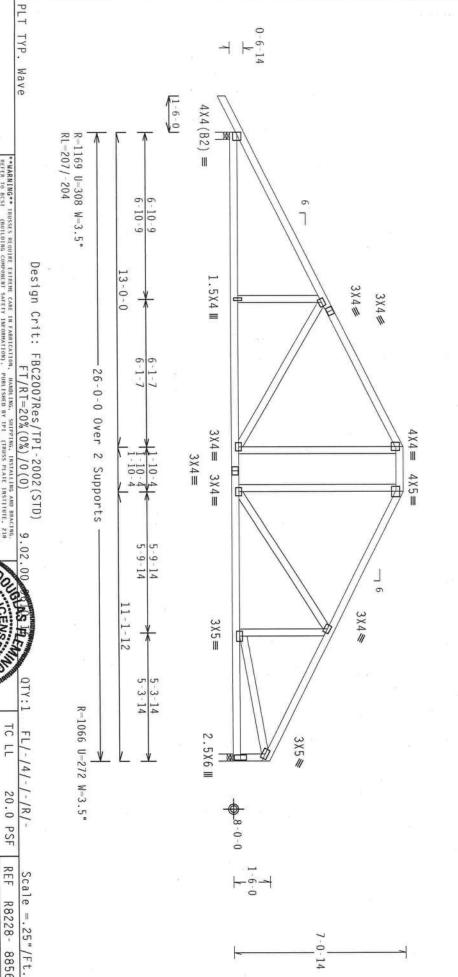
In lieu of structural panels use purlins to brace all flat TC @ 0C. 24"

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

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

Bottom chord checked for 10.00 psf non-concurrent live load Wind reactions based on MWFRS pressures.

edge. MWFRS loads based on trusses located at least 7.50 ft. from roof



NARNING. IRUSSIS REDURE EXTREME CARE IN FARRICATION, LANDING, SHEPPING, RESNALING AND BRACING, REFER TO SECTION CONTROLLED BY THE CHRISTICAL RESIDENCE, THE DESCRIPTION OF THE SHEET AND THE SHEET A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT**UBBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE MEG. THE SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH PI; OR FARRICANTING, MANUFULCANTE PROFESSION OF BRACING OF TRUSSES.

DESIGN CONFIDENCE HIM APPLICANTE PROFESSIONS OF MISS (MARIDONAL DESIGN SPEC. BY AFAPA) AND TPI. DESIGN CONFIDENCE HIM APPLICANTE PROFESSION OF THE STATE AND OF TRUSSES OF THE STATE AND THE ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER A DENAL BUILDIAN E SCREPTANCE OF PROFESSIONAL ENGINEERI DESIGN SHOWN. THE SUITABLITY AND USE OF THIS COMPON BUILDING DESIGNER PER ANSI/TPT I SEC. 2.

TW Building Components Group Inc.

ALPINE

*Haines City, FL 33844 FL COA #0 278

CENS 10 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. 40.0 10.0 10.0 20.0 1.25 24.0" 0.0 PSF PSF PSF PSF SEQN-DATE REF HC-ENG DRW HCUSR8228 10004014 JREF -R8228- 88562 1TY68228Z02 DF / DF 73819 01/04/10

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

Roof overhang supports 2.00 psf soffit load

Bottom chord checked for 10.00 psf non-concurrent live load

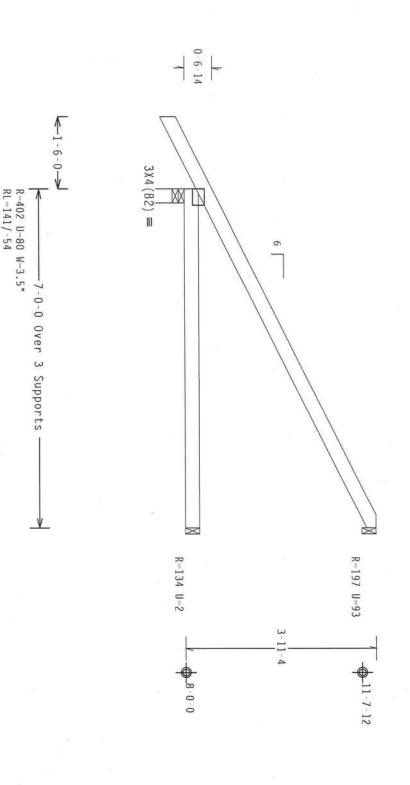
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

Wind reactions based on MWFRS pressures.

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

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.



Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING,
REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE HISTITUE, 218
NORTH LEE STREE, SUITE 132, ALEXANDREA, VA, 22314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA,
6300
RINTERESTS LAME, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO REFORMING THESE FUNCTIONS. UNLESS
OTHERWISE INDICATED TOP COMED SHALL HAVE PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERTY ATTACHED REGIO CELLING.

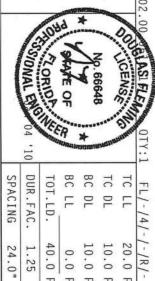
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONDESTION SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/FPI 1 SEC. 2. **IMPORTANT** PUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH 191; OR FARBICATING, MANDIA HIG. HISTAIL HIG. A BRACING OF TRUSSES.

DESIGN CONFORMS HITH APPLICABLE PROPISIONS OF NOS (MATIONAL DESIGN SPEC, BY ALENDA) AND TPI. THE CONNECTOR PLATES ARE MADE OF ZOL/BLIGGA (M. M/SS/K), ASHM MASS GRADE MO/GO (M. K/M.SS) GALV. SHELL APPLY PLATES TO EACH FACE OF TRUSS AND. MILKS OFHERWISE LOCATED ON THIS DESIGN. POSITION FER DRAWINGS 160A-Z. ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS 2002 SEC. 3. SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL CRUSTERING ESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE.

TW Building Components Group Inc.

ALPINE

'Haines City, FL 33844 FL COA #0 278



DUR.FAC. SPACING TOT.LD. 40.0 1.25 10.0 PSF 20.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 10004030 JREF -Scale =.5"/Ft.

DF / DF 73844

1TY68228Z02

R8228- 88563

Bot chord 2x4 Bot chord 2x4 444 #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 0C.

MWFRS edge. loads based on trusses located at least 7.50 ft. from roof

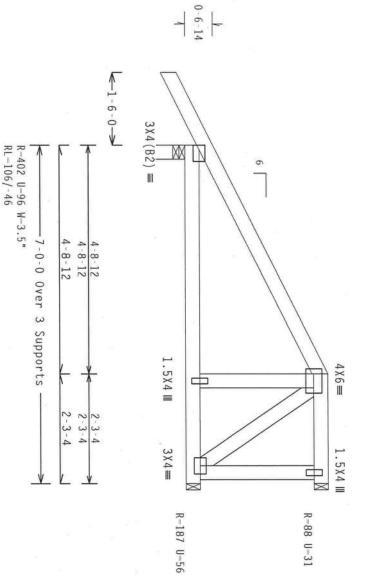
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load

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

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



2-11-4

MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDING, SHIPPING, HISTALLING AND BRACING.
BETER TO BEST (BUILDING COMPORINT SAFETY INVENDATION), POBLISHED BY IT! (TRUSS PLATE INSTITUTE, 210
NORTH LEE STREET, SUITE 137, ATEXANDRIA, VA, 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERCORNING THESE UNCLIONS. UNLESS
OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARKETS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGID CEILING. Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

9

Scale = .5"/Ft.

TYP.

Wave

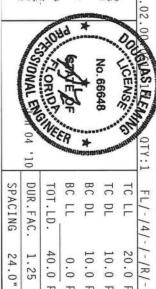
IMPORTANTGURMISM A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. TIW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVALUEN FOR BUILD THE TRUSS IN COMPORMANCE WITH PILL OR FARELANDIAG. SHIPPING, INSTALLING & BRACING OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (MAITOMAL DESIGN SPEC, BY ARADA) AND TPL. THE BCG CONTRICTOR PLAIRS, ARE MADE OF 20/18/16/04 (M.14/SK), ASTH ACS GRANDE OF X.PL. APPLY PRACTICE OF ALL STREAMS AND TRANSPORT OF THE ANY AND TRANSPORT OF THE STREAMS AND THE STREAMS ACCESTANCE OF PROTESSIONAL ENGINEERING ESCONSIBILITY SOLETY FOR THE TRUSS COMPONENT

TW Building Components Group Inc.

ALPINE

*Haines City, FL 33844 FL COA #0 278



	04 '10	YEL	R	a) Percent	MINESTIN.	D.
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- 1TY68228Z02		SEQN- 73848	HC-ENG DF/DF	DRW HCUSR8228 10004015	DATE 01/04/10	REF R8228- 88564

(10-002--Fill in later roberts -- , ** - EJ74)

THIS DWG PREPARED FROM COMPUTER INPUT (LUADS & DIMENSIONS) SUBMITTED BY TRUSS MFK.

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

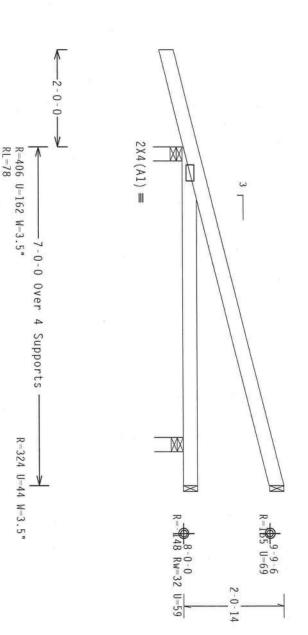
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC2007Res/TPI-2002(STD) . FT/RT=20%(0%)/0(0) 9.1
WARNING Irusses become exactly exactly fabrication, invaling. Suppring. Installing and bracting are to best (building chaponest safety information), published by the (trues plant institute. 218
Morth lee street, suite 137. Alexanderia, va. 22319) and first published by the council of Merrica. Associated by choose shall be safety practices prior to performing these functions. Whese otherwise indicated for choose shall have properly attached structural parely and choose shall have a properly attached by the color of the color

PLT TYP.

Wave

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY TAILURE TO BUILD THE TRUSS IN COMPORMACE WITH PI; ON FARELGEITHO, HANDLING, SHEPPIG, HISALLING A BRACILOR OF TRUSSES. BY ALEXA AND FPI. DESIGN CONFIDENCY HIS APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SPEC, BY ALEXA) AND FPI. THE BCG CONNECTOR PALES ARE MADE OF 20/18/16/06, (4/18/58/) ASTH ASSA GRADE 40/60 (4. K/H.SS) GALV. STEEL, APPLY PLATES TO EACH FACE OF THUSS AND. DRESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAHINGS ISON AL. ANY THIS DESIGN OF PALTES FOLLOWED BY (1) SHALL BE FPR ANNEX AS OF FPI. 2002 SEC. 3. AS ALON THIS DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS DESIGN RESPONSIBILITY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

*Haines City, FL 33844 FL COA #0 278

ALPINE

9.02.00 CENSIA: 0TY:2 FL/-/4/-/-R/
10.00 FL/SS ROUNCENS; ROUNCEN

	0					
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- 1TY68228Z02		SEQN- 73852	HC-ENG DF/DF	DRW HCUSR8228 10004031	DATE 01/04/10	REF R8228- 88565

Scale =.5"/Ft.

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

Roof overhang supports 2.00 psf soffit load

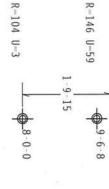
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

2X4(A1) =M -6-0-7 Over 3 Supports



R-404 U-157 W-3.5"

Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

9.02.00

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

REF

R8228- 88566

Scale =.5"/Ft.

DATE

01/04/10

TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, HESTALLING AND BRACING.
REFER TO BOST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY FFI (TRUSS PLATE INSTITUTE, 2200
MORTH LEE SIREE, SUITE 317, ALEXANDRIA, VA, 22313) AND WICA (4000) TRUSS COUNCIL OF MARRICA, 6300
ENTERPRISE LANE, MADISON, MI 59719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING HESE FUNCTIONS. UNLESS
OTHERWISE INDIVACATIO FOR COMED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT*DURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG. HEL. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD HE RUSSS IN CONFORMANCE WITH FPI; OR FARELOTHIG., SHALLING, INSTALLING A BRACING OF BRUSSES.

DESIGN CONFORTS WITH APPLICABLE PROPISIONS OF MOS (MATIONAL DESIGN EVEC. BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16/04 (M. 1855A). ASTHE AGAINST SEADE 40/50 (M. X.M. 85) GAV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED BY MITS DESIGN. POSITION PER BRAKHINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE, LOCATED BY MITS DESIGN. POSITION PER BRAKHINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE, LOCATED BY MITS DESIGN. POSITION PER BRAKHINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE, LOCATED BY MITS DESIGN. POSITION PER BRAKHINGS 160A-2 PLATES TO EACH FACE OF TRUSS AND.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ALD BRAITHED HOLICATES ACCEPTANCE OF PROFESSIONAL ENGINEERIN DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2: OF NOS (NATIONAL DESIGN SPEC, BY AFRA) AND IPI. THE NG MYSSKY) ASTH A653 GRANE GO/GO (W. K.M. SS) GALV. SIEEL, APPLY THERMISE LOCALED ON THIS OSIGN, POSITION PER DRAWHINGS 160A-Z. ALLO BE FER ANKEX A3 OF TPIL-2002 SEC.3. A SEA ON THIS ALLO BE FER ANKEX A3 OF TPIL-2002 SEC.3. THE FOREST COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

TW Building Components Group

ALPINE

'Haines City, FL 33844 FL COA #0 278

GOOD LICENSE STONAL ENGINEE No. 66648 10 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. 40.0 20.0 PSF 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF

SEQN-

HC-ENG

DF / DF 73858

DRW HCUSR8228 10004016

JREF -

(10-002--Fill in later roberts J6)

IHIS DWG PKEPAKED FKUM CUMPUIEK INPUT (CUADS & DIMENSIONS) SUBMITTED BT TKUSS MFK.

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

Roof overhang supports 2.00 psf soffit load

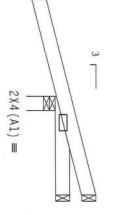
Bottom chord checked for 10.00 psf non-concurrent live load.

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

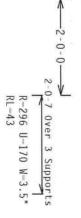
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures

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



R=9 Rw=21 U=099-15 -8-6-8 R=18 Rw=37 U=19



Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

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

Scale =.5"/Ft.

R8228- 88567

TYP.

Wave

NORTH LEE STREET, SUITE 312.
ENTERPRISE LANE, MADISON, WI
OTHERWISE INDICATED TOP CHORD NUTRE ETTREME CARE HY FARRICKITEN, HANDLING, SHIPPING, HRSTALING AND BRACING, NG COMPONENT SAFETY INFORMATION), PUBLISHED BY CHRUSS COUNCIL OF ARREITON. EXELUTIONS, AND MICK MODD TRUSS COUNCIL OF ARREITON. EXPENSE ON ALL SAFETY PRACTICES PRIOR TO REPORMING HISE FUNCTIONS. UNLESS COUNCIL OF ARREITON AND MOTOR PROPERTY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOL SHALL HAVE COUNCY SHALL HAVE 9.02.00

IMPORTANT FLUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY BAILDRE TO BUILD THE TRUSS IN CONFORMACE WITH PLY OF FABELCHING. MINDFULMS, SHIPPLY, HISTALLING A BRACHE OF TRUSSES.

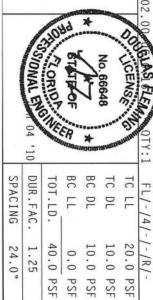
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF RDS (MATIONAL DESIGN SPEC, BY ALRAY) AND TPL. THE BCG CONNECTOR PLATES ARE MADE OF ZO/BB/FGGA (M. M/SS/K), ASTH ASS GRADE 40/60 (M. K/M.SS) GANY. STELL APPLY PLATES TO EACH TAKE OF TRUSS AND. MILESS OFHERWISE (LOCATED ON THIS DESIGN POSITION FOR DRAMINGS. 160A-Z. ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS -2002 SEC. 3. A SEAL ON THIS DESIGN AND THIS SACETARCE OF PROTESSIONAL CREATERS AND THIS SECONDATE THE RESPONSEFILLITY OF THE BRAINESS ACCEPTANCE OF PROTESSIONAL CREATERS FOR ANY HASPECTION OF PLATES FOLLOWED BY (1) SHALL BE FER ANNEX AS OF THIS ZOUGHEY FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF PROTESSIONAL CREATERS FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPORSAGEN SHOWN. THE SUITABLILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TW Building Components Group Inc.

ALPINE

*Haines City, FL 33844 FL COA #0 278



PSF PSF

DRW HCUSR8228 10004017

DATE REF

01/04/10

PSF PSF

SEQN-

HC-ENG

DF / DF 73862

JREF -

(10-002--Fill in later roberts --J9)

THIS DWG PKEPAKED FROM COMPUTER INPUT (LUADS & DIMENSIONS) SUBMITTED BY TRUSS MER.

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

Roof overhang supports 2.00 psf soffit load

Bottom chord checked for 10.00 psf non-concurrent live load

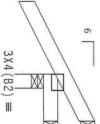
Provide Provide (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord (2) 16d common nails (0.162"x3.5"), toe nailed at Bot chord

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

Wind reactions based on MWFRS pressures

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

0-6-14



R=13 U=8

R--45 Rw=35 V = 6811

1-6-0-> 0-11-11 Over 3 Supports R-228 U-82 W-3.5" RL-42/-33

Design Crit: FBC2007Res/TPI-2002(STD) FT/RT=20%(0%)/0(0)

QTY:1

PLT TYP. Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. BLUER TO BEST. (BUILDING COMPORENT SAFETY IMPORATION), PHBLISHED BUY PT (TRUSS PLATE INSTITUTE, 218 HORS). THE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MOOD TRUSS COUNCIL OF AMERICA, 6300 ENTREPRISE LAME, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMENT HISSE FUNCTIONS. UNLESS OTHERWISE HOLDSCALED OP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRIUSS IN CONFORMANCE WITH IPI, OR FARELCATURG, MANDLUG, SHEPTING, INSTALLING & BRACING OF TRIUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (MATIONAL DESIGN SPEC, BY AFADA) AND FPI. THE BC CONNECTOR PLATES, ARE MADE OF ZO/18/16GA (N. 14/58/K) ASHI MASS GAME AD/50 (N. K/H-SS) GALV. STELL APPLY PLATES TO EACH FACE OF TRUSS AND. WILLSS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FPE AMMEX AS OF THI-ZOOZ SEC.3. A SEAL ON THIS BRAHMS INDICATES ACCEPTANCE OF PROFESSIONAL LENGLEZING RESPONSIBILITY SOFTLY FOR THE TRUSS COMPONENT OR ANY BUILDING IS THE RESPONSIBILITY OF THE BESSERVED AND ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FPE AMMEX AS OF THIS ZOOPOGEN THE RESPONSIBILITY OF THE

DESIGN SHOWN. THE PER BUILDING DESIGNER PER

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

ALPINE

9.02.00 OU JCENS No. 66648 10 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-40.0 24.0" 1.25 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF PSF SEQN-DATE HC-ENG DRW HCUSR8228 10004032 REF R8228 - 88568 JREF -Scale =.5"/Ft.

DF /DF 73866

01/04/10

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

Roof overhang supports 2.00 psf soffit load

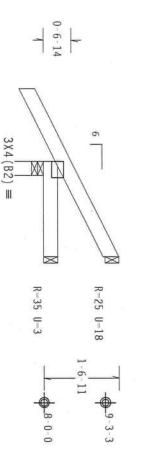
Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

Wind reactions based on MWFRS pressures

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





Design Crit: FBC2007Res/TPI-2002(STD) -FT/RT=20%(0%)/0(0)

TYP.

Wave

REFER TO BOST (CONTING COMPONENT SAFETY INFORMATION), HANDLING, SHIPPING, INSTALLING AND BRACING, DORTH LEE STREET, SUITE 137, ALEXANDRIA, VA, Z2314) AND WICEA, AQUOD TRUSS COUNCIL OF AMERICA, 6200 ETRISFORMENT OF AMERICA OF AMERICA

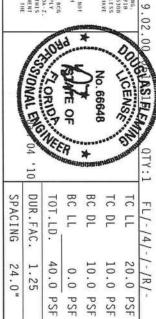
PILATES 10 EACH FACE OF TRUSS AND. UNLESS OTHERAISE LOCATED ON THIS DESIGN ANY INSPECTION OF PLATES CALLONED BY (1) SHALL BE FER ANNELS AS OF FPIL-20 DRAHING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY BY DISCOVERENCE FER ANSILTY AND USE OF THIS COMPONENT FOR ANY BUILDI BUILDING DESIGNER FER ANSILTFY AND USE OF THIS COMPONENT FOR ANY BUILDI BUILDING DESIGNER FER ANSILTFY A TO SEE OF THIS COMPONENT FOR ANY BUILDING DESIGNER FER ANSILTFY A TO SEE OF THIS COMPONENT FOR ANY BUILDING DESIGNER FER ANSILTFY A TO SEE OF THE SECOND FOR THE SECO ** IMPORTANT** UBBLISH, A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT W BCG., HIC. SHALL NOT BE REPONSING FOR ANY PALLING TO BRILLD HE RUSS IN CONFORMANCE WITH PER REPONSING FOR BRILLD HE RUSS IN COMPORMANCE WITH PER REPONSING FOR BRILLD HE RUSS IN COMPORANCE WITH APPLICABLE PROVISIONS OF HOS CHAITONA DESIGN SPEC, OF ALPAN AND IPT. THE REPORT PROVISIONS OF HOS CHAITONA DESIGN SPEC, OF ALPAN AND IPT. THE REPORT PROVISIONS OF HOS CHAITONA DESIGN SPEC, OF ALPAN AND IPT. THE REPORT PROVISIONS OF HOS CHAITONA DESIGN SPEC, OF ALPAN AND IPT. THE REPORT PROVISIONS OF HOS CHAITONA SPECTION PER BOMAINES HOAT. A SEA ON THIS SPECTION OF PLATES OF ALLOHOUS OF USE SPECTION PER BOMAINES HOAT. AND THIS SPECTION OF PLATES OF ALLOHOUS OF USE SPECTION PER BOMAINES HOAT. AND THIS SPECTION OF PLATES OF ALLOHOUS OF USE AND THE PER AMERICAN OF PER LOCATED WITH SPECTION OF PLATES OF ALLOHOUS OF USE AND THE PER MERICAN OF PER LOCATED WITH SPECTION OF PLATES OF ALLOHOUS OF USE AND THE PER MERICAN OF PER LOCATED WITH SPECTION OF PLATES OF ALLOHOUS OF USE AND THE PER MERICAN OF PER LOCATED WITH SPECTION OF PLATES OF ALLOHOUS OF USE AND THE PER MERICAN OF PER LOCATED WITH SPECTION OF PLATES OF THE PER MERICAN OF PER LOCATED WITH SPECTION OF PLATES OF THE PER MERICAN OF PER LOCATED WITH SPECTION OF PARTY OF THE PER MERICAN OF PER LOCATED WITH SPECTION OF PARTY OF THE PER MERICAN OF PER LOCATED WITH SPECTION OF PARTY OF THE PER MERICAN OF PER LOCATED WITH SPECTION OF PARTY OF THE PER MERICAN OF PER LOCATED WITH SPECTION OF PER LOCATED WITH SPECTIO

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278





DATE REF

01/04/10

Scale = .5"/Ft.

R8228- 88569

SEQN-

73870

JREF -

1TY68228Z02

HC-ENG DF/DF

DRW HCUSR8228 10004033

Top chord 2x4
Bot chord 2x4
Webs 2x4 Special loads From --(Lumber From 6 From 6 440 lb Conc. 165 lb Conc. -249 lb Conc. -148 lb Conc. er Dur.Fac.=1.25 62 plf at -1.50 62 plf at 3.00 4 plf at -1.50 20 plf at 0.00 444 #2 Dense #2 Dense #3 Load at Load at Load at 1.50 3.00 1.50 3.03 5.06 5.06 01 to to Plate te Dur.Fac.=1.25)
62 plf at 3.00
62 plf at 7.00
4 plf at 0.00
20 plf at 7.00 3.00 7.00 7.00 7.00

Wind

reactions based on MWFRS pressures.

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

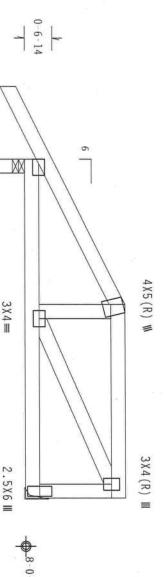
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. lw=1.00 GCpi(+/-)=0.18

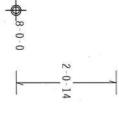
Right end vertical not exposed to wind pressure

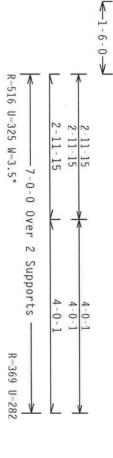
Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 0C.

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







3X4 (B2)

Design Crit: FBC2007Res/TPI-2002(STD) /RT = 20% (0%) / 0 (0%)

PLT TYP.

Wave

(TRUSS PLATE INSTITUTE, 218

DE RESPONSBUL FOR ANY DEVIATION FROM THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSBUL FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE ROUSS IN COMPORMACE ATTH PI; OR FARBLICATIO, ANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSEY. AFARDA AND IPI.

DESIGN COMPORTS HITH APPLICABLE PROVISIONS OF HOS (MATIONAL DESIGN SPEC, SY AFARDA AND IPI.

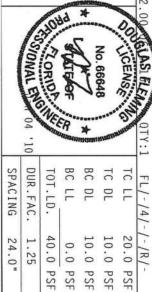
THE SIGN COMPORTS TO EACH OF TRUSS AND, UNLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FER BOAMINGS BOALZ, ANY INSPECTION OF PLATES FOLLOWED OF () SHALL BE PER ANNUEX AS OF TPIL-2002 SEC.3.

A SEAL ON THIS DESIGN SHORM. THE SUITABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278



PSF PSF

SEQN-HC-ENG DATE

01/04/10

REF R8228- 88571

Scale =.5"/Ft.

DRW HCUSR8228 10004035

DF / DF 73886



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

Roof overhang supports 2.00 psf soffit load

In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C.

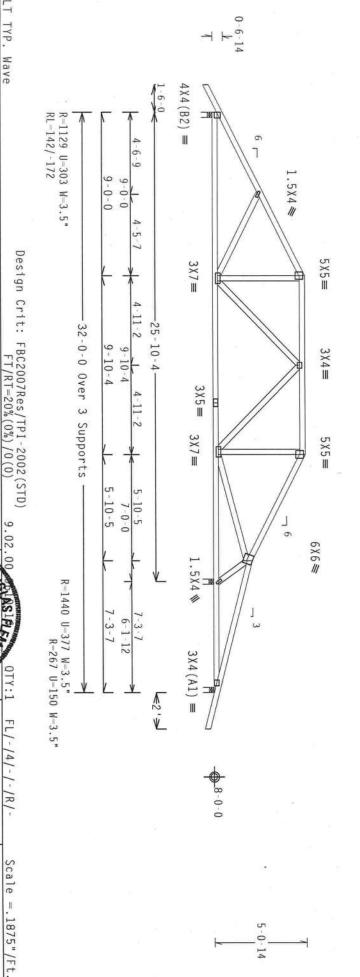
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load

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



WARNING TRUSSES REQUIRE EXIBENE CARE IN FABRICATION, LHANDING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY PIT (TRUSS PLATE INSTITUTE, 218 WORTH LEE SIREE, SUITE 317, ALEXANDRIA, VA, 22314) AND WITCA (MOOD TRUSS COUNCIL OF AMERICA, 6300 BY REFERSE LAME, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORHING THESE FUNCTIONS. UNLESS OTHERWISE HOLDS ALGED TOP COMPONENTAL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHOOD SHALL HAVE

IMPORTANTCHRHISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THE PERSON FROM THE THEORY OF THE PERSON FROM THE PROPERTY OF FARELS AND THE APPLICABLE PROVISIONS OF MOS (MATIGONAL DESIGN SPEC, BY AFAPA) AND THE GO CONNECTOR PLATES, ARE MOSTO OF ZO/18916AA (M.1455K). ASTH AGS GRADE 40/500 (M.X/M.5S) AGAV. STRELL APPLY PLATES TO EACH FACE OF TRUSS AND, DRILES OTHERWISE LOCATED ON THIS DESIGN. POSITION FER BRANINGS 160A-2. ANY INSPECTION OF PLATES ACLOSED BY (1) SHALL BE FER ANNEX AS OF THIS ZOOS SEC. 3. A SEA, ON THIS DESIGN SHOWN. THE SULFABILITY AND USE OF THE PERSON SHOWN. THE SULFABILITY AND USE OF THE PROPERSIONAL ENGINEERING PROPOSED THE BUSINESS OFFORE BY THE MOST AND THE SULFABILITY AND USE OF THE PERSON SHOWN.

TW Building Components Group

ALPINE

Haines City, FL 33844 FL COA #0 278

OU LICENSE THE ORIONAL ENGINEE No. 66648 10 BC DL DUR.FAC. BC LL TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-40.0 10.0 PSF 20.0 PSF 1.25 0.0 10.0 PSF

PSF PSF

SEQN-HC-ENG DATE REF

01/04/10

R8228- 88572

DRW HCUSR8228 10004036

DF /DF 73907

24.0" JREF -1TY68228Z02

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

Roof overhang supports 2.00 psf soffit load

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

Bottom chord checked for 10.00 psf non-concurrent live load

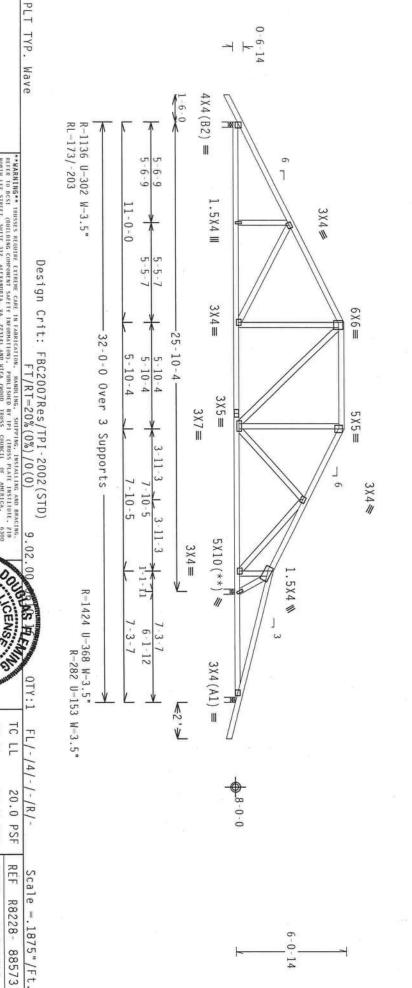
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

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

Wind reactions based on MWFRS pressures.

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



REFER TO BECST (MULTOTHS COMPONENT SAFETY INFORMATION), HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BECST (MULTOTHS COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (1805S PLATE INSTITUTE, 2018 NORTH LEE SIREET, SUITE 372, ALEXANDRIA, VA, 22310) AND WICLA (4000D TRUSS COUNCIL OF AMERICA, 6300 ENUTERPRIST LAME, MORISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERCHHAG THESE FUNCTIONS. UNLESS OTHERWISE HOLDCAILED TOP COMPONE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH

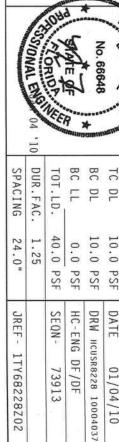
DRAWING INDICATES ACCEPTANCE OF F PLATES TO EACH FACE OF 3 GRADE 40/60 (W. K/H.SS) GALV. THIS DESIGN, POSITION FER DRAWINGS 160A-2 OF TPIT-2002 SEC.3. A SEAL ON THIS NSSBILLITY SOLELY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE STEEL.

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278

CENSE No. 66648 10 BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. 40.0 10.0 1.25 10.0 20.0 PSF 24.0" 0.0 PSF PSF PSF PSF



1TY68228Z02

DF /DF

73913

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

Roof overhang supports 2.00 psf soffit load

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

Bottom chord checked for 10.00 psf non-concurrent live load

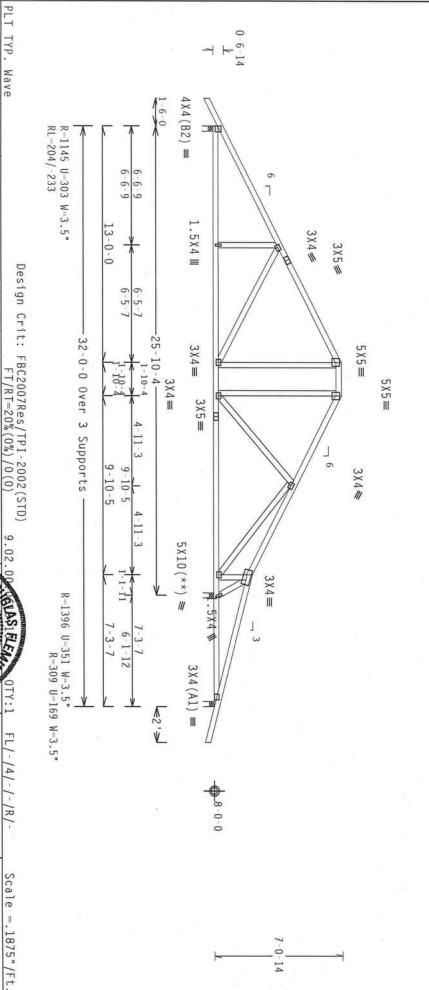
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

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

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

Wind reactions based on MWFRS pressures

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



IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE BESTONSIBLE FOR ANY DEVIATION FOOD THIS DESIGN; ANY FAILURE TO BUILD THE RUSSS IN COMPORMACE WITH THE BC FARELGALING, NAMEDIALS, SHEPPING, INSTALLING A BRACING OF TRUSSES.

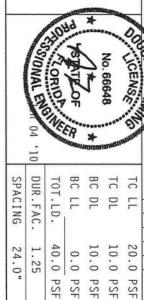
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MATIONAL DESIGN SPEC, BY ALADA) AND THE BCG DESIGN SPEC, BY ALADA AND THE BCG DESIGN SPEC BCD SPEC BCG DESIGN SPEC BCG DESIGN SPEC BCG DESIGN SPEC BCG DESIGN SPEC B NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND HICA (MODD TRUSS COUNCIL OF AMERICA. 6300 EVILEPRESS LAWE, MADISON, WI 53279) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR COROD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED REGION CHORD SHALL HAVE PROPERLY ATTACHED REGION CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAWELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED REGION CHORD SHALL HAVE PROPERLY ATTACHED SHALL PROPERLY CHORD SHALL HAVE PROPERLY CHORD SHALL PROPERLY CHORD SHALL HAVE PROPERLY CHORD SHALL PROPERLY CHORD SHALL PROPE OHIBE EXTREME CARE IM FARRICATION, IMANULHG, SHIPPING, INSTALLING AND BRACHG, NG COMPORENT SAFETY INFORMATION), PURBLISHED BY THE (THRUSS BLATE IMSTITUTE, 218 112, ALEXANDRIA, VA. 23314) AND MICA (MODD TRUSS COUNCIL OF AMERICA. 6300). UNLESS OTHERWIS THIS DESIGN, POSITION PER DR

DESIGN SHOWN. THE SUITABILLI BUILDING DESIGNER PER ANSI/IPI STEEL APPLY
ANIMGS 160A-Z.

TW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0 278



SEQN-

HC-ENG

DF / DF 73920

DRW HCUSR8228 10004038

JREF -

1TY68228Z02

REF

R8228-

DATE

BRACE SUBSTITUTION

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

NOTES

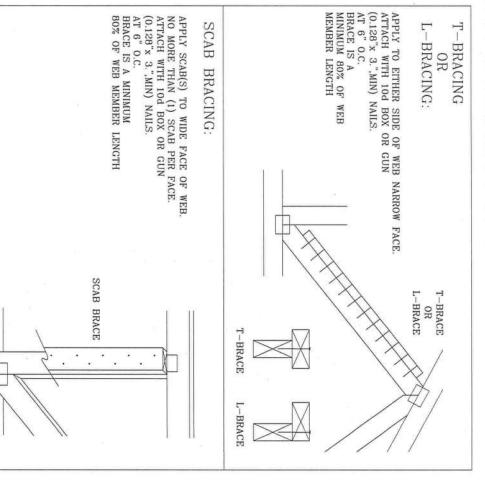
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

WEB MEMBER SIZE	MBER	SPEC	RACI	SPECIFIED CLB BRACING	T OR	ALTERNATIVE BRACING OR L-BRACE SCAB BRACE	E BI
	2X4	_	RO	W	70.7	2X4	
2X3 OR	2X4	70	ROWS	WS	83	2X6	
2X6			RO	W	7.2	2X4	
2X6		N	ROWS	WS	22	2X6	
2X8		_	RO	W	מא	9X6	
2X8		N	ROWS	WS	D3	2X6	

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

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





""MARNIQ" READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme core in fabricating, handling, shipping, installing and bracing. Refer to and folio
RES! (Bibliding Component Steley information, by TPI and WTO,

these functions. Bibliding ship profile temporary bracing per BCS. Unless noted otherwise, these functions in batallare ship profile temporary bracing per BCS. Unless noted otherwise, top chord shall have properly attached structural panels and bottom chord shall have a properly attached rigid ceiling. Booklons shown for permanent lateral restraint of webs shall have bracing installed per BCS!

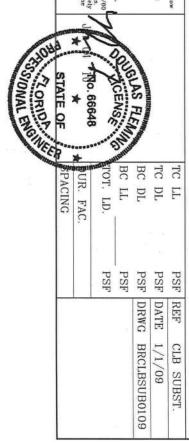
sections B3 & B7. See this job's general notes page for more information. Refer to and follow

HIPORTANT FURNISH COPY OF THIS BESIGN TO INSTALLATION CONTRACTOR.

I'M Building Components Group inc. (ITESCI) shall not be responsible or any deviation from this a property of the state of the st onal engineering responsibility solely component for any building is the

t

Earth City, MO 63045



DIAGONAL BRACE FOR 600# AT EACH END. MAX WEB VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. FOTAL LENGTH IS 14". DIAGONAL BRACE OPTION: MAX GABLE VERTICAL LENGTH VERTICAL LENGTH SHOWN IN TABLE ABOVE. SPACING | SPECIES 12" O.C. O.C. 16 24 O.C. ASCE MIDPOINT OF VERTICAL WEB CONNECT DIAGONAL AT GABLE VERTICAL CONNECT SPF SPF SPF DFL DFL DFL SP SP HH 7--05: STANDARD STANDARD GRADE STANDARD STANDARD STANDARD STANDARD STUD STUD STUD STUD STUD #3 "HIPORTANI"* FURNISH COPY OF THIS DESIGN TO INSYLLATION CONTRACTION.

IT Building Components Group Inc. (ITTSCC) shall not be responsible for any deviation from this design, any failure to build the trues in conformance with Tit, or fabricating, and the stating at any failure to build the trues in conformance with Tit, or fabricating, the first MSS3 grade 37/400 (K.W.H.S) gives the state of t "WARNIGA" READ AND FOLLOW ALL NOTES ON THIS SHEET!
Trusses require extreme one in fabricating, handing, shipping, installing and bracing. Refer to and follow RCSI (Building Component Safety information, by FPI and WTCA) for safety practices prior to performing these functions, installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural panels and beltom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 33 & 37. See this job's general notes page for more information. #3 #2 #3 #2 #3 #3 #2 #3 BRACE #2 110 GABLE TRUSS MPH WIND BETTER DIAGONAL BRACE; SINGLE OR DOUBLE CUT (AS SHOWN) AT GROUP A (1) 1X4 "L" BRACE * (1) 2X4 "L" BRACE * 2X4 STUD, #3 OR 2 6 UPPER END GROUP B GROUP A 7. 5. 6. SPEED, √i @ @ @ ~ 10 GABLE 8 6 6 9 9 8 0 0 0 E STUD , 15' MEA BRACE GROUP B 8 8 8 MEAN HEIGHT, REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH 10 6 9 9 ABOUT E 18 18 REINFORCEMENT DETAIL (2) 2X4 "L" BRACE ** GROUP A 1 0 0 0 0 0 0 0 0 1,000000 10 CONTINUOUS BEARING 2X4 #2N OR BETTER GROUP B GROUP A 2 2 = = = Ξ 10,10 9 9 9,10 10,10 4 8 8 ENCLOSED, (1) 2X6 "L" BRACE * 14' 0" 14' 0" 12' 11" 14. 0. 0. 0. 0. 13 No.66648 0000 0 **(** GROUP B 12 14 14 4 14 0 12 13 13 13 0 0,00 0 0 0 GROUP A GROUP B (2) 2X6 "L" BRACE ** 11 14' 0" 14' 0" 14' 0" 14' 0" 14 0,0,0 1.00, 00 0 MAX. 14, 0, 14, 0, 14. 0. 14. 0. 14' 0" 14' 0" 14' 0" 14 14' 0" 14' 0" TOT. EXPOSURE 0 0 0 0 0 LD ATTACH EACH "L" BRACE WITH IOD NAILS.
(0.128 x3" min)
(0.128 x3" min)
** 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. GABLE END SUPPORTS LOAD FROM 4' 0"
OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" "L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH. PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER LIVE LOAD DEFLECTION CRITERIA IS L/240. SPRUCE-PINE-FIR
#1 / #2 STANDARD
#3 STUD PLYWOOD OVERHANG. CONTINUOUS BEARING (5 PSF TC DEAD LOAD). DOUGLAS FIR-LARCH BRACING GROUP SPECIES AND IN 18" END ZONES AND 6" O.C. BETWEEN ZONES GABLE 60 SOUTHERN PINE CREATER THAN 11' 6" GREATER THAN 4' 0", BUT REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES. GABLE VERTICAL PLATE SIZES STANDARD VERTICAL LENGTH PSF STUD TRUSS C DATE REF #1 & BTR #1 GROUP B: GROUP Kzt HEM-FIR DETAIL DOUGLAS FIR-LARCH A11015050109 1/1/09 SOUTHERN PINE #3 STUD ASCE7-05-GAB11015 A: 11 #3 NO SPLICE 1X4 OR 2X3 STANDARD HEM-FIR 2.5X4 1.00 NOTES #2 3X4 STANDARD GRADES: STUD

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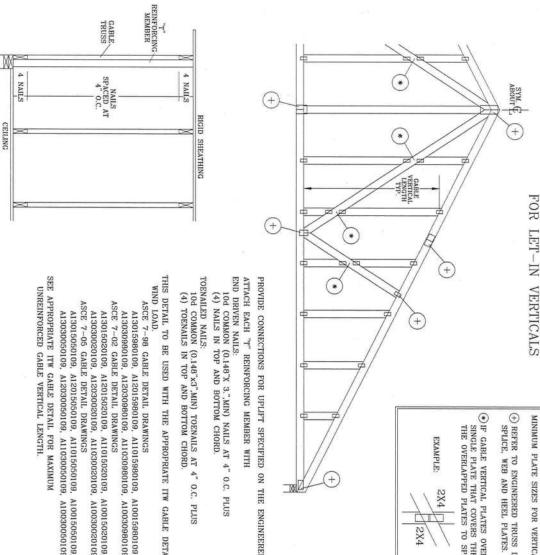
Earth City, MO 63045

*

MAX.

SPACING

24.0"



GABLE TRUSS PLATE SIZES

DETAIL

MINIMUM PLATE SIZES FOR VERTICAL STUDS. REFER TO APPROPRIATE ITW GABLE DETAIL FOR

 REFER TO ENGINEERED TRUSS DESIGN FOR PEAK. SPLICE, WEB AND HEEL PLATES.

 IF GABLE VERTICAL PLATES OVERLAP, USE A THE OVERLAPPED PLATES TO SPAN THE WEB. SINGLE PLATE THAT COVERS THE TOTAL AREA OF

2X4 2X4

2X8

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN

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

A10015020109, A14015020109, A10030980109

A13015050109, A12015050109, A11015050109, A10015050109, A14015050109, A130330050109, A12030050109, A11030050109, A10030050109, A14030050109 A10030020109, A14030020109

TOENAIL "T" REINFORCEMENT ATTACHMENT DETAIL "T" REINFORCING OR REINFORCING ENDNAIL

TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" INCREASE BY LENGTH (BASED ON APPROPRIATE ITW GABLE DETAIL).

WEB LENGTH INCREASE W/ "T" BRACE MAXIMUM ALLOWABLE "T" REINFORCED GABLE VERTICAL LENGTH IS 14' FROM TOP TO BOTTOM CHORD.

30 FT	90 MPH	15 FT	90 MPH	30 FT	100 MPH	15 FT	100 MPH	30 FT	110 MPH	15 FT	110 MPH	30 FT	120 MPH	15 FT	120 MPH	30 FT	130 MPH	15 FT	130 MPH	30 FT	140 MPH	15 FT	140 MPH	WIND SPEED AND MRH
2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6	2x4	"T" REINF. MBR. SIZE
30 %	20 %	20 %	20 %	40 %	10 %	30 %	20 %	50 %	10 %	40 %	10 %	40 %	2 01	50 %	10 %	50 %	2 01	50 %	10 %	50 %	2 01	50 %	2 01	"T'

GABLE VERTICAL = 24" O.C. SP #3 MEAN ROOF HEIGHT = 30 FT, Kzt = 1.00 ASCE WIND SPEED = 100 MPH "T" REINFORCING MEMBER SIZE = 2X4

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

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

MAX SPACING UR. FAC. AX TOT. LD. 60 PSF 24.0" REF DATE DRWG GBLLETIN0109 1/1/09LET-IN VERT

""**RARNIGA" READ AND FOLLOW ALL MOTES ON THIS SHEET:
Trusses require extreme care in fabricating, handling abliphing, installing and bracing. Refer to and follow
RESS (Building Component Safety information, by FPI and WYCA) for safety precises prior to performing
these functions installers shall provide temporary bracing per RESS. Unless node otherwise, top chord
shall have properly attached structural panels and bottom chord shall have a properly attached rigid
ceiling, Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI
sections B3 & B7. See this job's general notes page for more information.

Halportant FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR.

IT'S Building Components Group Inc. (ITTSEC) shall not be responsible for any deviation from this design, any failure to build the furns in conformance with TH, or fabricating, handling, shipping, installing & furnish the foliation of this ser. ITTSEC commercion plates are made of 20/40/600 (K/W/H.S) gave steel, Apply plates to each face of trues, positioned as shown showe and no included in (K/W/H.S) gave steel, Apply plates to each face of trues, positioned as shown showered no included in the drawing or cover page indicates acceptance and professional engineering responsibility solely for the trues component design shown. The suitability and use of this component for any building is the responsibility of the Building Besigner per ANST/TPI 1 Sec. 2 of this component for any building is the responsibility of the Building Besigner per ANST/TPI 1 Sec. 2 of this component for any building is the component for any building beginner for any building is the component for any building bu

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