	2/2008			Building Permit d on Premises During Con	struction	PERMIT 000027393
A DDI IGINE	DECOM E		t Be Frommently Poster			000027393
APPLICANT	PEGGY EI		N BLVD. STE 113	PHONE	386.752.0580	FL 32025
ADDRESS OWNER	WINDY RO		ABLAD. SIE 113	PHONE	386.758.3524	<u>32023</u>
ADDRESS	590	NW ROSSIN CO	UDT	LAKE CITY	360.736.3324	FL 32025
CONTRACTO		G EDGLEY	OKI	PHONE	386.752.0580	
LOCATION OF			O LAKE IEFFERV TR "	TO ROSSIN COURT, TR(15	-	
LOCATION OF	TROLLKI	96757 (775 655 600-200 (775 655	ON L) TO THE VERY E		or Remore twice.	•
TYPE DEVELO	OPMENT	SFD/UTILITY		STIMATED COST OF CO	NSTRUCTION	137450.00
HEATED FLO	OR AREA	1856.00	TOTAL AF	REA 2749.00	HEIGHT 19.	10 STORIES 1
FOUNDATION	CONC	WA	ALLS FRAMED	ROOF PITCH 6'12	FLC	OOR CONC
LAND USE &	ZONING	A-3		MAX	. HEIGHT 35	
Minimum Set E	ack Require	ments: STREE	ET-FRONT 30.00	0 REAR	25.00	SIDE
NO. EX.D.U.	0	FLOOD ZONI	E <u>X</u>	DEVELOPMENT PERM	MIT NO.	
PARCEL ID	15-3S-16-0)2144-018	SUBDIVISI	ON		
LOT	BLOCK	PHASE	UNIT	TOTA	AL ACRES6.0	0
Culvert Permit in PRIVATE Driveway Connocomments:	ection	Culvert Waiver 08-632N Septic Tank Numb BOVE PRIVATE I	R282811326 Contractor's License No BLK Deer LU & Zor ROAD. NOC ON FILE.	<u>H</u>	pplicant/Owner/O	N
					Check # or Ca	sh 413
Temporary Pow	vor.	FOR E		ING DEPARTMENT	ONLY	
remporary row	CI				N. C 11:41 *	(footer/Slab)
	11	date/app. by	Foundation	date/app. by	_ Monolithic	1980 (1990)(1990 (
Under slab roug	gh-in plumbi	date/app. by	Foundation Slab	date/app. by		date/app. by
Under slab rouş	gh-in plumbi	ing		585 (6)		1980 (1990)(1990 (
Under slab roug		date/	Slab		Sheathing/N	date/app. by lailing date/app. by
Framing	date/app	date/	Slab /app. by Rough-in plumbing	date/app. by	Sheathing/N	date/app. by
	date/app	date/	Slab	date/app. by above slab and below wood	Sheathing/N	date/app. by lailing date/app. by date/app. by
Framing	date/app	date/	Slab /app. by Rough-in plumbing	date/app. by above slab and below wood	Sheathing/N	date/app. by date/app. by date/app. by
Framing Electrical roug	date/app n-in erdat	date/ o. by date/app. by	Slab /app. by Rough-in plumbing Heat & Air Duct C.O. Final	date/app. by above slab and below wood	Sheathing/N I floor Peri. beam (Lintel)	date/app. by lailing date/app. by date/app. by
Framing Electrical roug	date/app n-in erdat	date/	Slab /app. by Rough-in plumbing Heat & Air Duct C.O. Final	date/app. by above slab and below wood date/app. by date/app. by	Sheathing/N I floor Peri. beam (Lintel)	date/app. by date/app. by date/app. by date/app. by date/app. by date/app. by
Framing Electrical roug	date/app n-in erdat blocking, ele	date/ o. by date/app. by te/app. by ectricity and plumb	Slab /app. by Rough-in plumbing Heat & Air Duct C.O. Final oing date/a Pump pole	date/app. by above slab and below wood date/app. by date/app. by pp. by Utility Pol	Sheathing/N I floor Peri. beam (Lintel Culvert Pool	date/app. by date/app. by date/app. by date/app. by date/app. by date/app. by
Framing Electrical roug Permanent power M/H tie downs, Reconnection	date/app n-in erdat blocking, ele	date/app. by de/app. by ec/app. by ate/app. by	Slab /app. by Rough-in plumbing Heat & Air Duct C.O. Final oing date/a Pump pole da	date/app. by above slab and below wood date/app. by date/app. by pp. by Utility Pol te/app. by	Sheathing/N I floor Peri. beam (Lintel Culvert Pool le date/app. by	date/app. by date/app. by date/app. by date/app. by date/app. by date/app. by
Framing Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app n-in erdat blocking, ele	date/app. by de/app. by ec/app. by ate/app. by	Slab /app. by Rough-in plumbing Heat & Air Duct C.O. Final oing date/a Pump pole da	date/app. by above slab and below wood date/app. by date/app. by pp. by Utility Pol	Sheathing/N I floor Peri. beam (Lintel Culvert Pool	date/app. by date/app. by date/app. by date/app. by date/app. by date/app. by
Framing Electrical roug Permanent power M/H tie downs, Reconnection M/H Pole	date/app	date/app. by ec/app. by ectricity and plumb	Slab /app. by Rough-in plumbing Heat & Air Duct C.O. Final oing date/a Pump pole da	date/app. by above slab and below wood date/app. by date/app. by pp. by Utility Pol te/app. by date/app. by	Sheathing/N I floor Peri. beam (Lintel Culvert Pool le date/app. by	date/app. by
Framing Electrical roug Permanent powe M/H tie downs, Reconnection M/H Pole dat	date/appn-indat blocking, elder/app. by	date/app. by de/app. by ectricity and plumb late/app. by	Slab //app. by Rough-in plumbing Heat & Air Duct C.O. Final date/a Pump pole da Travel Trailer CERTIFICATION F	date/app. by above slab and below wood date/app. by date/app. by pp. by Utility Pol te/app. by date/app. by	Sheathing/N I floor Peri. beam (Lintel Culvert Pool date/app. by Re-roof SURCHARGE	date/app. by
Framing Electrical roug Permanent powe M/H tie downs, Reconnection M/H Pole dat BUILDING PE	date/appn-in	date/app. by de/app. by ectricity and plumb late/app. by ate/app. by ZONIN	Slab /app. by Rough-in plumbing Heat & Air Duct C.O. Final oing date/a Pump pole da Travel Trailer CERTIFICATION F	date/app. by above slab and below wood date/app. by date/app. by pp. by Utility Pol te/app. by date/app. by EE \$13.75	Sheathing/N I floor Peri. beam (Lintel Culvert Pool le date/app. by Re-roof SURCHARGE WASTE	date/app. by fee \$ 13.75

PERMIT

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

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

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

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

Mark Disosway, P.E.

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

29 October 2008

Building and Zoning, Columbia County, Florida

Re: Site Evaluation, Rossin, Wendy Residence, NW Rossin Ct, Lake City, FL 32055,

Tax ID: 15-3S-16-02144-018, Columbia County, FL

Dear Building Inspector:

The elevation of the finished floor, approx 8" above natural grade at the SE corner of the house, 20" above natural grade at the SW corner of the house, 10" above natural grade at the NE corner of the house, and 26" above natural grade at the NW corner of the house, as staked by builder, is less than one foot above the elevation of the county road, Rossin Ct. at a point immediately in front of the house.

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

Flood Zone of Home Site: Zone X; Based on the FEMA rate map, attached.

Home Site Natural Grade, Elevation: about 155 - 160 ft; Based on topo map, attached.

Zone A flood zone: A large area of flood zone A to the west of the home site is at about 150' elevation based on the topo map and FEMA map and leads to a creek to the north.

Proposed Finished Floor Elevation: 8" above existing grade at the SE corner.

Observations: This house is higher, about 5 - 10 ft, than nearby Zone A to the west. There is a continuous downward path to the Zone A and from there down the creek to nearby elevations as low as 125' or 30' lower than natural grade at the home site.

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

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

Sincerely,

Mark Disosway, PE

R403 1 General

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

R403.1.1 Minimum size.

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

R403.1.4 Minimum depth.

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

R403.1.5 Slope.

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

R403.1.6 Foundation anchorage.

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

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

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

R403.1.6.1 Reserved.

R403.1.7 Footings on or adjacent to slopes.

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

R403.1.7.1 Building clearances from ascending slopes.

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

R403.1.7.2 Footing setback from descending slope surfaces.

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

R403.1.7.3 Foundation elevation.

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

R403.1.7.4 Alternate setback and clearances.

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

R403.1.8 Foundations on expansive soils.

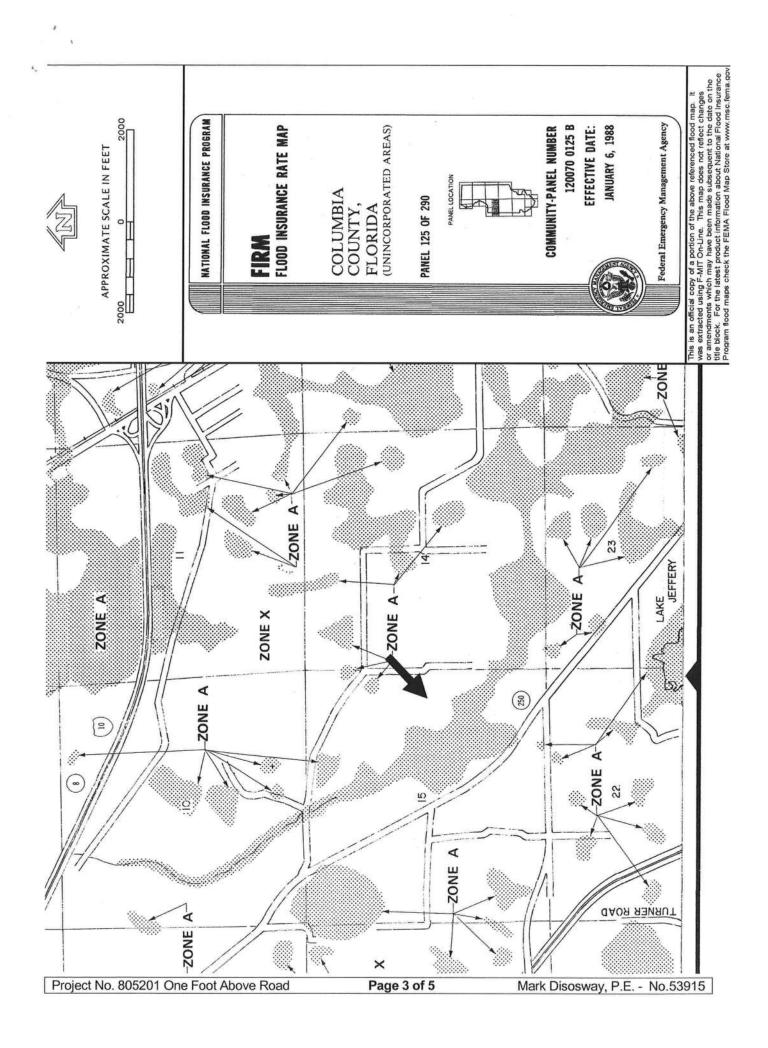
Foundation and floor slabs for buildings located on expansive soils shall be designed in accordance with Section 1805.8 of the Florida Building Code,

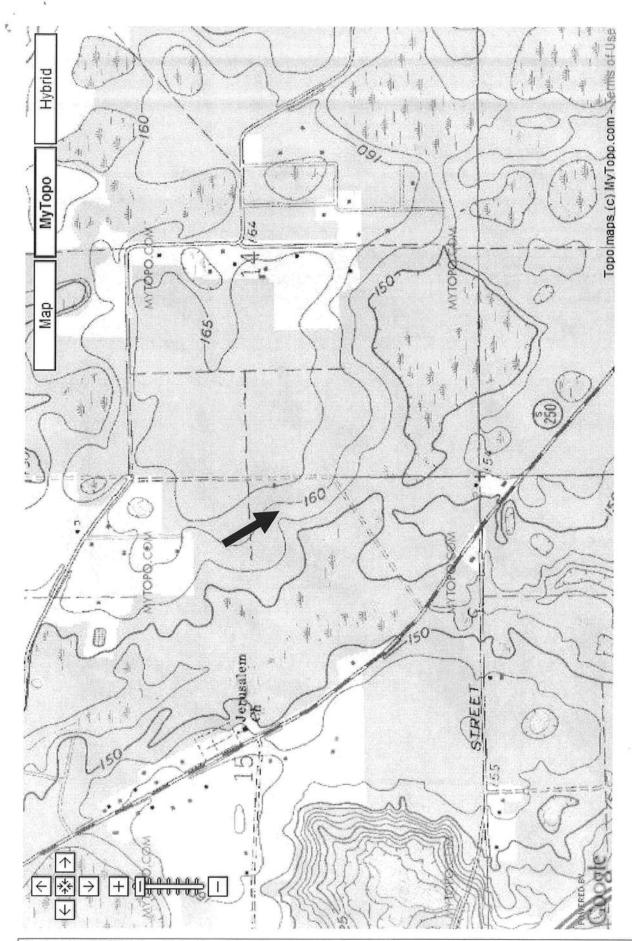
Exception: Slab-on-ground and other foundation systems which have performed adequately in soil conditions similar to those encountered at the building site are permitted subject to the approval of the building official.

R403.1.8.1 Expansive soils classifications.

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

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







Columbia County Building Permit Application

F-05 11 01 01 01 000 50 DAT	2/24 p. 7/ p. 7/2 2
FOR A BALLY COLUMN THE LABOUR OF A LOCAL COLUMN TO SERVICE OF THE	Received $\frac{9/24}{4}$ By $\frac{\sqrt{\omega}}{4}$ Permit # $\frac{27393}{4}$ Land Use $\frac{4}{3}$ Zoning $\frac{4}{3}$
FEMA Map # W/A Elevation W/A MFE/Power Riv	
Comments	he a character
TNOC TEH Deed or PA Site Plan State Road Info	Parent Parcel #
AND A DESCRIPTION OF THE PROPERTY OF THE PROPE	Auth. from Contractor □ F W Comp. letter
	corr 4409.16 Road/Code 81,046.00/210
School \$7, 500.00 = TOTAL \$3,00	
Septic Permit No. U8-632-N	Fax _386-752-4904
Name Authorized Person Signing Permit KIMMY EDGLEY	18959 Ethe Phone 386-752-0580
Address 590 SW ARLINGTON BLVD SUITE 113 LAKE	- 15, 1 등은 경상, (20, 10 명보 - 10 HT) - 10 (10 명보) - 10 HT) - 10 HT (10 명보) - 10 HT (10 HT) - 10 HT (10 HT)
Address	
Owners Name WINDY ROSSIN	Phone 386-365-3587
911 Address 590 NW ROSSIN CT, LAKE CITY FL	32055
Contractors Name EDGLEY CONSTRUCTION CO DIV	OF CEE BAS INPhone 386-752-0580
Address 590 SW ARLINGTON BLVD SUITE 113 LAN	KE CITY FL 32025
ASSET PRODUCE A CONTRACT OR A CONTRACT OF A CONTRACT OF A CONTRACT OF A CONTRACT OR A	er transcommentation of the property of the pr
Fee Simple Owner Name & Address WINDY ROSSIN	<u> </u>
Bonding Co. Name & Address N/A	The same of the sa
Architect/Engineer Name & AddressMARK DISOSWAY P. I	E., P.O. BOX 868, LAKE CITY FL 32056
Mortgage Lenders Name & Address FFSB, P.O. BOX 20	029, LAKE CITY FL 32056
Circle the correct power company — FL Power & Light — Clo	av Elec. – Suwannee Valley Elec. – Progress Energy
-NEW -	
Property ID Number 15-3S-16-02144-018	Estimated Cost of Construction _ \$165,000.00
Subdivision NameN/A	Lot Block Unit Phase
Driving Directions HWY 90 W, TR ON LAKE JEFFER	RD, TR ON ROSSIN COURT (FIRST
RIGHT PAST NASH RD ON LEFT) TO END ON LEI	7. T
	Number of Existing Dwellings on Property N/A
Construction of RESIDENTIAL HOME	Total Acreage 6 Lot Size
Do you need a - <u>Culvert Permit</u> or <u>Culvert Waiver</u> or <u>Have a</u>	n Existing Drive Total Building Height 19'1"
Actual Distance of Structure from Property Lines - Front 215	Side 85'5" Side 177' Rear 4021
Number of Stories1 Heated Floor Area 1856	
Application is hereby made to obtain a permit to do work and	anders II in the
installation has commenced prior to the issuance of a permit.	and that all work be performed to meet the standards
of all laws regulating construction in this jurisdiction.	ARREST TOWNS TO REAL STRUCTURE OF THE ST

- IN colled a Coff MESSIZE NO PERSON 10.1.08

Edgley Construction Company

590 SW Arlington Blvd, Suite 113 Lake City, Florida 32025 TELEPHONE 386-752-0580 FAX # 386-752-4904

October 2, 2008

To Whom It May Concern:

I, Doug Edgley, give permission for Peggy Edgley to sign and pickup building permits for Edgley Construction Co.

Respectfully,

Doug Edgley Contractor

cc: file

Inst: 200812016552 Date: 9/8/2008 Time:8:53 AM Dor: Stamp-De60:0.70 ______DC,P.DeWitt Casan,Columbia County Page 1 of 2 B:1157 P:2777

WARRANTY DEED

THIS INDENTURE. Made this day of September, 2008, between CLARENCE H. ROSSIN, who does not reside on the property, whose address is 567 NW Rossin Court, Lake City, Florida 32055, Grantor, and WINDY R. ROSSIN, whose address is also 567 NW Rossin Court, Lake City, Florida 32055, Grantee,

WITNESSETH:

That said Grantor, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS, and other good and valuable considerations to said Grantor in hand paid by said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee, and Grantee's heirs, successors and assigns forever, all of Grantor's undivided interest in the following described land, situate, lying and being in COLUMBIA County, Florida, to-wit:

SEE SCHEDULE A ATTACHED HERETO.
[Tax parcel number 15-3S-16-02144-000 (cutout)]

SUBJECT TO: Taxes for 2008 and subsequent years; restrictions and easements of record; and easements shown by the plat of said property.

And Grantor 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, Grantor has hereunto set his hand and seal the day and year first above written.

Signed, sealed and delivered in the presence of:

Print Name: Eddie M. Anderson

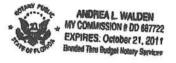
Print Name: Addrew Under

STATE OF FLORIDA COUNTY OF COLUMBIA CLARENCE H. ROSSIN

This Instrument Prepared By: EDDIE M. ANDERSON, P.A. P. O. Box 1179 Lake City, Florida 32056-1179

The foregoing instrument was acknowledged before me this day of September, 2008, by CLARENCE H. ROSSIN. He is personally known to me or he produced ______ as identification.

(Notarial Seal)



Notary Public

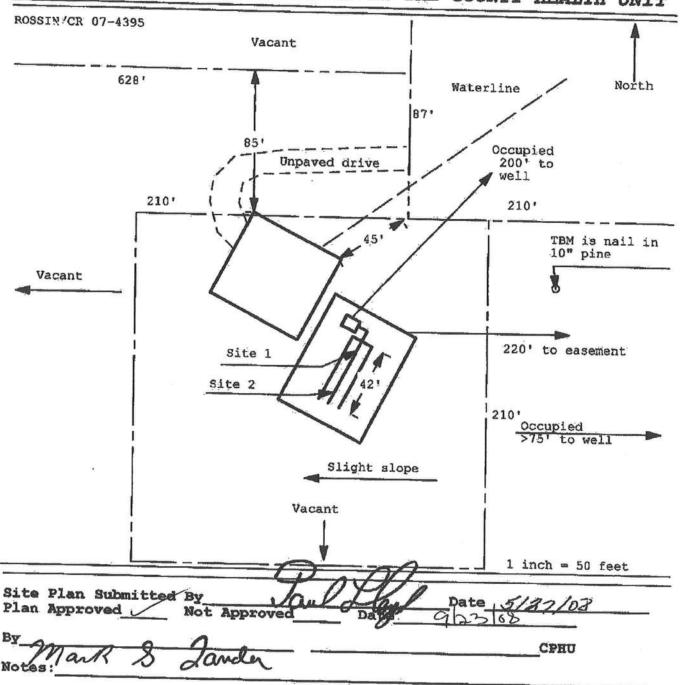
My Commission Expires:

SCHEDULE A to WARRANTY DEED ROSSIN to ROSSIN

COMMENCE at the Northeast corner of the Southeast 1/4 of Section 15, Township 3 South, Range 16 East, Columbia County, Florida and run South 00°18'36" West olong the East line of said Section 15 a distance of 419.76 feet to the POINT OF BEGINNING: thence continue South 0078'36" West along said East line of Section 15 a distance of 246.63 feet to the Southeast corner of the South 1/2 of the Northeast 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 15; thence South 89'44'44" West along the South line of said South 1/2 of the Northeast 1/4 of the Northeast 1/4 of the Southeast - 1/4 of Section 15 a distance of 672.97 feet to the Southwest corner of the South 1/2 of the Northeost 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 15, being also the Southeast corner of the Northwest 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 15; thence continue South 84'44'44" West along the South line of the Northwest 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 15 a distance of 166.02 feet; thence North 00'18'29" East a distance of 333.45 fect: thence North 89'44'41" Fost a distance of 167.65 feet to a point on the West line of the South 1/2 of the Northeast 1/4 of the Northeast 1/4 of the Southeast 1/4 of Section 15: thence continue North 89'44'41" East a distance of 461.33 feet: thence South 00"18"36" West a distance of 86.65 feet; thence North 89°47'48" Fast a distance of 210.02 feet to the POINT OF BEGINNING. Containing 6.00 acres, more or less.

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





COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED:

9/11/2008

DATE ISSUED:

9/15/2008

ENHANCED 9-1-1 ADDRESS:

590

NW ROSSIN

CT

LAKE CITY

FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

15-38-16-02144-018

Remarks:

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

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

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL OWNERS

June 12, 2002

NOTICE TO ALL CONTRACTORS

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

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

Thank, you,

Donald D. Hall

DDH/ik

NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713, Fla. Stat., the following information is provided in this NOTICE OF COMMENCEMENT:

DESCRIPTION OF PROPERTY: SEE SCHEDULE A ATTACHED HERETO.

GENERAL DESCRIPTION OF IMPROVEMENTS: Construction of dwelling

OWNER AND ADDRESS:

WINDY R. ROSSIN

687 NW Winfield Street Lake City, Florida 32055

OWNER'S INTEREST IN PROPERTY: Fee simple

st:200812016554 Date:9/8/2008 Time:8:53 AM DC,P. DeWitt Cason, Columbia County Page 1 of 2 B:1157 P:2781

FEE SIMPLE TITLE HOLDER: Owner

CONTRACTOR AND ADDRESS: Edgley Construction Company 590 SW Arlington Blvd, Suite 113 Lake City, Florida 32025

SURETY AND ADDRESS (if any):

NONE (no bond)

LENDER:

First Federal Bank of Florida 4705 West U.S. Highway 90 Post Office Box 2029 Lake City, Florida 32056

Name and address of person within the State of Florida designated by owners upon whom notices or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: THE OWNER.

In addition to herself, Owner designates FIRST FEDERAL BANK OF FLORIDA, 4705 West U.S. Highway 90; Post Office Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13(1) (b) Floridam Statutes.
STATE OF FLORIDA, COUNTY OF COLUMBIA

I HERERY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.

P. DeWITT CASON, CLERK OF COURTS

2008

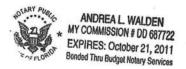
STATE OF FLORIDA COUNTY OF COLUMBIA

Daputy Clark

This Instrument Was Prepared By: Eddie M. Anderson, P.A. Post Office Box 1170 Lake City, Florida 32056

The foregoing instrument was acknowledged before me this 4th day of September, 200% by WINDY R. ROSSIN. She is personally known to me or she produced d as identification.

(NOTARY SEAL)



Notary Public My commission expires:

NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713, Fla. Stat., the following information is provided in this NOTICE OF COMMENCEMENT:

DESCRIPTION OF PROPERTY: SEE SCHEDULE A ATTACHED HERETO.

GENERAL DESCRIPTION OF IMPROVEMENTS: Construction of dwelling

OWNER AND ADDRESS:

WINDY R. ROSSIN

687 NW Winfield Street Lake City, Florida 32055

OWNER'S INTEREST IN PROPERTY: Fee simple

Inst:200812016554 Date:9/8/2008 Time:8:53 AM

DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1157 P:2781

FEE SIMPLE TITLE HOLDER: Owner

CONTRACTOR AND ADDRESS: Edgley Construction Company 590 SW Arlington Blvd, Suite 113 Lake City, Florida 32025 SURETY AND ADDRESS (if any):

NONE (no bond)

LENDER:

First Federal Bank of Florida 4705 West U.S. Highway 90 Post Office Box 2029 Lake City, Florida 32056

Name and address of person within the State of Florida designated by owners upon whom notices or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes: THE OWNER.

In addition to herself, Owner designates <u>FIRST FEDERAL BANK OF FLORIDA</u>, 4705 West U.S. Highway 90; Post Office Box 2029, Lake City, <u>Florida 32056</u> to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b) Florida Statutes.

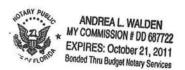
WINDY R. ROSSIN

This Instrument Was Prepared By: Eddie M. Anderson, P.A. Post Office Box 1170 Lake City, Florida 32056

STATE OF FLORIDA COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 4th day of September, 2008 by WINDY R. ROSSIN. She is personally known to me or she produced as identification.

(NOTARY SEAL)



Notary Public

My commission expires:

Project Name:

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Builder:

805201EdgleyConstruction

Address: City, State: Owner: Climate Zone:	NW Rossin Ct Lake City, FL : Rossin Reside North	32055-	Permitting Office: Count Permit Number: 2 Jurisdiction Number: こて	7393 1000
New construction	or existing	New	12. Cooling systems	
Single family or n		Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units,		1		SEER: 13.00
Number of Bedro		3	b. N/A	_
Is this a worst cas	170.00	Yes		
Conditioned floor		1856 ft²	c. N/A	_
	rea: (Label reqd. by 1	3-104.4.5 if not default)		-
a. U-factor:	nativative manufacturers and a nativative manufacturers.	Description Area	13. Heating systems	
	ible DEFAULT) 7a.	Dble Default) 211.3 ft ²	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
b. SHGC:	Poster Cally on the		F 4377	HSPF: 7.90
(or Clear or Tint	DEFAULT) 7b.	(Clear) 211.3 ft ²	b. N/A	-
Floor types a. Slab-On-Grade Ed	des territation	D=0.0 193.0/-> 0	N/A	_
b. N/A	age insuration	R=0.0, 182.0(p) ft	c. N/A	-
c. N/A		_	14. Hot water systems	_
9. Wall types			a. Electric Resistance	Cap: 40.0 gallons
a. Frame, Wood, Ex	terior	R=13.0, 1036.7 ft ²	a. Litethe Resistance	EF: 0.93
b. Frame, Wood, Ad		R=13.0, 148.0 ft ²	b. N/A	L4. 0.22
c. N/A	, meen	14 12:01 110:01	W. D.C.A.	_
d. N/A		_	c. Conservation credits	-
e. N/A		_	(HR-Heat recovery, Solar	
10. Ceiling types		-	DHP-Dedicated heat pump)	
a. Under Attic		R=30.0, 1958.0 ft ²	15. HVAC credits	
b. N/A			(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A			HF-Whole house fan,	
11. Ducts			PT-Programmable Thermostat,	
a. Sup: Unc. Ret: U	nc. AH: Garage	Sup. R=6.0, 176.0 ft	MZ-C-Multizone cooling,	
b. N/A		_	MZ-H-Multizone heating)	
		_		
Glas	s/Floor Area: 0		points: 23703 points: 26660 PASS	

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

PREPARED BY:

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

OWNER/AGENT: ______

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



BUILDING OFFICIAL:

BUILDING OFFICIAL

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: NW Rossin Ct,, Lake City, FL, 32055-

PERMIT #:

BASE		AS	-BUI	LT				
GLASS TYPES				COMMITTE OF STREET				
.18 X Conditioned X BSPM = Points Floor Area	,	Overhanç rnt Len	-	Area X	SPN	1 X	SOF	= Points
.18 1856.0 20.04 6695.0	Double, Clear S	8.0 8.0	5.5	20.0	40.1	6	0.43	344.5
	Double, Clear S	0.8 WS	5.5	30.0	40.1	6	0.43	516.7
	Double, Clear	S 8.0	5.5	20.0	35.8	7	0.48	341.6
	Double, Clear S	SW 1.5	5.5	60.0	40.1	6	0.86	2079.6
	Double, Clear N	IW 1.5	1.5	4.0	25.9	7	0.64	66.3
	Double, Clear	NE 7.0	5.5	30.0	29.5	6	0.54	475.3
	Double, Clear	NE 7.0	7.3	13.3	29.5	6	0.60	233.9
	Double, Clear	NE 1.5	5.5	30.0	29.5	6	0.91	802.9
	Double, Clear	SE 1.5	1.5	4.0	42.7	5	0.49	84.6
	As-Built Total:			211.3				4945.5
WALL TYPES Area X BSPM = Points	Туре	R	-Value	Area	Х	SPN	1 =	Points
Adjacent 148.0 0.70 103.6	Frame, Wood, Exterior		13.0	1036.7		1.50		1555.0
Exterior 1036.7 1.70 1762.4	Frame, Wood, Adjacent		13.0	148.0		0.60		88.88
The state of the s	rianic, vioca, riajacent		10.0	140.0		0.00		00.0
Base Total: 1184.7 1866.0	As-Built Total:			1184.7				1643.8
DOOR TYPES Area X BSPM = Points	Туре			Area	Χ	SPN	1 =	Points
Adjacent 20.0 1.60 32.0	Exterior Insulated			20.0		4.10	THE REAL PROPERTY.	82.0
Exterior 40.0 4.10 164.0	Exterior Insulated			20.0		4.10		82.0
	Adjacent Insulated			20.0		1.60		32.0
Base Total: 60.0 196.0	As-Built Total:			60.0				196.0
CEILING TYPES Area X BSPM = Points		D.V/el			CDM	V 00	10.4 -	
	Туре	R-Val	ue /	Area X S	SPIVI .	X 20	,IVI —	Points
Under Attic 1856.0 1.73 3210.9	Under Attic		30.0	1958.0 1	1.73 X	1.00		3387.3
Base Total: 1856.0 3210.9	As-Built Total:			1958.0				3387.3
FLOOR TYPES Area X BSPM = Points	Туре	R	-Value	Area	Χ	SPM	=	Points
Slab 182.0(p) -37.0 -6734.0 Raised 0.0 0.00 0.0	Slab-On-Grade Edge Insulation		0.0	182.0(p	-4	1.20		-7498.4
Base Total: -6734.0	As-Built Total:			182.0				-7498.4
INFILTRATION Area X BSPM = Points				Area	X	SPM	=	Points
1856.0 10.21 18949.8				1856.0)	10.21		18949.8

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: NW Rossin Ct., Lake City, FL, 32055- PERMIT #:

	BASE		AS-BUILT						
Summer Ba	se Points: 24	4183.6	Summer As-Built Points: 21624.0						
Total Summer Points	X System = Multiplier	Cooling Points	Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)						
24183.6	0.4266	10316.7	(sys 1: Central Unit 34000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS) 21624 1.00 (1.09 x 1.147 x 1.00) 0.263 1.000 7097.7 21624.0 1.00 1.250 0.263 1.000 7097.7						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: NW Rossin Ct,, Lake City, FL, 32055-

PERMIT #:

BASE		AS	-BUI	LT				
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area	V	Overhanç rnt Len	,	Area X	WP	M X	WOF	= Points
.18 1856.0 12.74 4256.2	Double, Clear S	W 8.0	5.5	20.0	16.7	4	1.80	601.2
	Double, Clear S	0.8 W	5.5	30.0	16.7	4	1.80	901.8
	Double, Clear	S 8.0	5.5	20.0	13.3	0	3.24	861.9
	The state of the s	W 1.5	5.5	60.0	16.7	4	1.07	107.6.8
	100 (100 (100 (100 (100 (100 (100 (100	IW 1.5	1.5	4.0	24.3		1.02	99.6
	The Commission of the Commissi	VE 7.0	5.5	30.0	23.5		1.05	742.3
		VE 7.0	7.3	13.3	23.5		1.04	326.9
		VE 1.5	5.5	30.0	23.5		1.01	712.7
	Double, Clear	SE 1.5	1.5	4.0	14.7	1	1.94	113.9
*	As-Built Total:			211.3				5437.1
WALL TYPES Area X BWPM = Points	Туре	R	-Value	Area	Х	WPM	=	Points
Adjacent 148.0 3.60 532.8	Frame, Wood, Exterior	An all winds and a second	13.0	1036.7	and the last of the last	3.40		3524.8
Exterior 1036.7 3.70 3835.8	Frame, Wood, Adjacent		13.0	148.0		3.30		488.4
	Tramo, Trood, Tajooch		10.0	110.0		0.00		400.4
Base Total: 1184.7 4368.6	As-Built Total:			1184.7				4013.2
DOOR TYPES Area X BWPM = Points	Туре			Area	Χ	WPM	=	Points
Adjacent 20.0 8.00 160.0	Exterior Insulated			20.0		8.40		168.0
Exterior 40.0 8.40 336.0	Exterior Insulated			20.0		8.40		168.0
	Adjacent Insulated			20.0		8.00		160.0
Base Total: 60.0 496.0	As-Built Total:			60.0				496.0
CEILING TYPES Area X BWPM = Points	Type	R-Value	e Ar	ea X W	PM)	K WC	M =	Points
Under Attic 1856.0 2.05 3804.8	Under Attic		30.0		2.05 X	-		4013.9
Base Total: 1856.0 3804.8	As-Built Total:							
Base Total: 1856.0 3804.8	AS-Built Total:			1958.0				4013.9
FLOOR TYPES Area X BWPM = Points	Туре	R	-Value	Area	X	WPM	=	Points
Slab 182.0(p) 8.9 1619.8 Raised 0.0 0.00 0.0	Slab-On-Grade Edge Insulation		0.0	182.0(p		18.80		3421.6
Base Total; 1619.8	As-Built Total:			182.0				3421.6
INFILTRATION Area X BWPM = Points				Area	X	WPM	=	Points
1856.0 -0.59 -1095.0				1856.0)	-0.59		-1095.0

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: NW Rossin Ct,, Lake City, FL, 32055- PERMIT #:

	BASE		AS-BUILT						
Winter Base	Points:	13450.3	Winter As-Built Points: 16286.7						
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)						
13450.3	0.6274	8438.7	(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Gar(AH),R6.0 16286.7 1,000 (1.069 x 1.169 x 1.00) 0.432 1.000 8785.2 16286.7 1.00 1.250 0.432 1.000 8785.2						

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: NW Rossin Ct,, Lake City, FL, 32055- PERMIT #:

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

	CODE COMPLIANCE STATUS												
	BASE						AS-BUILT						
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
10317		8439		7905		26660	7098		8785		7820		23703

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: NW Rossin Ct,, Lake City, FL, 32055-

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.3

The higher the score, the more efficient the home.

Rossin Residence, NW Rossin Ct,, Lake City, FL, 32055-

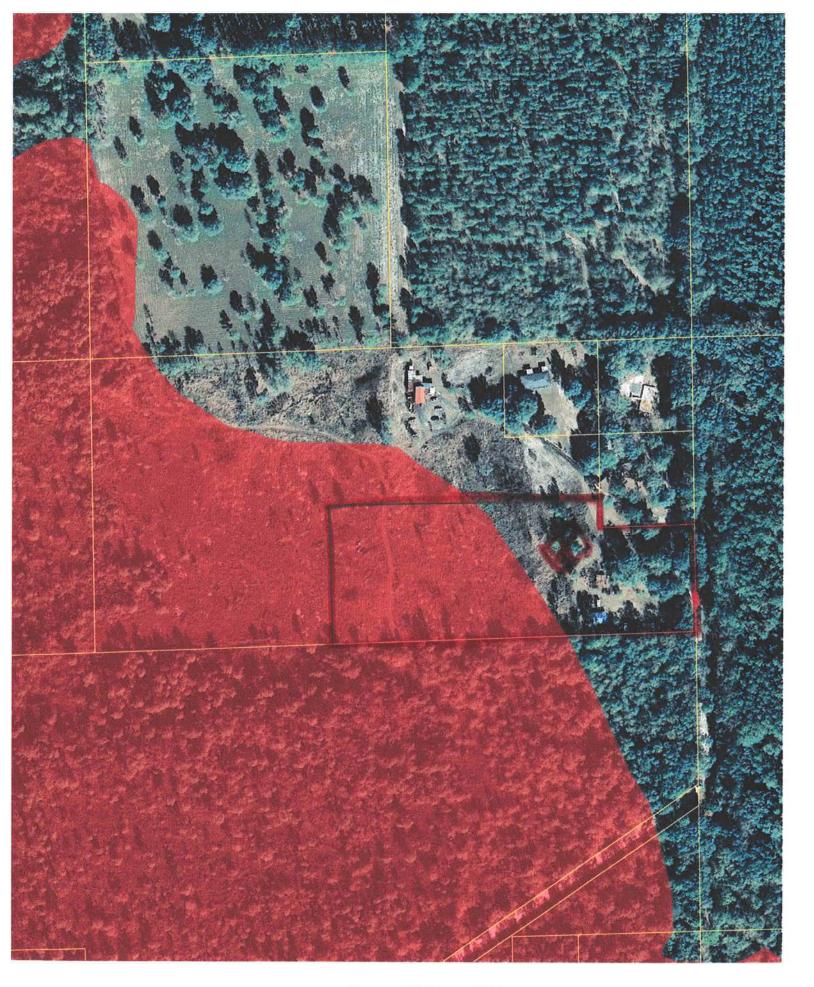
1.	New construction or existing	New		12. Cooling systems		
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 34.0 kBtu/hr	
3.	Number of units, if multi-family	1			SEER: 13.00	
4.	Number of Bedrooms	3		b. N/A		
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft2)	1856 ft ²		c. N/A		
7.	Glass type 1 and area: (Label reqd. by 13-10	4.4.5 if not default)				
a.	U-factor: De	scription Area		13. Heating systems		
b.	(or Single or Double DEFAULT) 7a. (Dbl. SHGC:		_	a. Electric Heat Pump	Cap: 34.0 kBtu/hr HSPF: 7.90	-
	(or Clear or Tint DEFAULT) 7b.	(Clear) 211.3 ft ²	_	b. N/A		_
8.	Floor types					
a.	Slab-On-Grade Edge Insulation	R=0.0, 182.0(p) ft		c. N/A		
b.	N/A					-
C.	N/A		and the second	14. Hot water systems		
9.	Wall types			a. Electric Resistance	Cap: 40.0 gallons	
a.	Frame, Wood, Exterior	R=13.0, 1036.7 ft ²			EF: 0.93	
· b.	Frame, Wood, Adjacent	R=13.0, 148.0 ft ²		b. N/A		
c.	N/A					-
d.	N/A			c. Conservation credits		
e.	N/A			(HR-Heat recovery, Solar		
10.	Ceiling types			DHP-Dedicated heat pump)		
a.	Under Attic	R=30.0, 1958.0 ft ²		15. HVAC credits		
b.	N/A			(CF-Ceiling fan, CV-Cross ventilation,		
C.	N/A			HF-Whole house fan,		
11.	Ducts			PT-Programmable Thermostat,		
a.	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 176.0 ft		MZ-C-Multizone cooling,		
b.	N/A			MZ-H-Multizone heating)		

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: _____ Address of New Home: ____ City/FL Zip: _____



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



0805-50

Columbia County Property Appraiser DB Last Updated: 8/5/2008

2008 Proposed Values

Tax Record **Property Card** Interactive GIS Map

Print

Search Result: 1 of 1

Parcel: 15-3S-16-02144-000

Owner	8	Property Info
-------	---	---------------

Owner's Name	ROSSIN CLAF	ROSSIN CLARENCE H &			
Site Address					
Mailing Address	TARMALL F 567 NW ROSSIN CT LAKE CITY, FL 32055				
Use Desc. (code)	TIMBERLAND (005600)				
Neighborhood	15316.00	Tax District	3		
UD Codes	MKTA01	Market Area	01		
Total Land Area	17.000 ACRES				
Description	N1/2 OF N1/2 OF SE1/4 EX 1 AC IN NE COR DESC ORB 626-150 & EX 1 AC DESC ORB 629-172, & EX 1 AC DESC IN ORB 773-656. ORB 553-229, 699- 248, JTWRS 817-2268-2269, POA 979-2111.				

GIS Aerial



Property & Assessment Values

Total Appraised Value		\$24,729.00
XFOB Value	cnt: (4)	\$6,150.00
Building Value	cnt: (0)	\$0.00
Ag Land Value	cnt: (1)	\$2,352.00
Mkt Land Value	cnt: (2)	\$16,227.00

Just Value	\$128,777.00
Class Value	\$24,729.00
Assessed Value	\$24,729.00
Exempt Value	\$0.00
Total Taxable Value	\$24,729.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
1/29/1996	817/2268	WD	I	U	03	\$0.00
12/1/1984	409/189	WD	V	U	01	\$24,000.00

Building Characteristics

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

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0261	PRCH, UOP	0	\$350.00	1.000	0 x 0 x 0	(.00)
0263	PRCH,USP	0	\$800.00	1.000	0 x 0 x 0	(.00)
0266	PRCH,FEP	0	\$4,500.00	1.000	0 x 0 x 0	(.00)
0010	BARN,BLK	0	\$500.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 AC	1.00/1.00/1.00/1.00	\$14,227.20	\$14,227.00

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:1TJ18228Z0208141249

Truss Fabricator: Anderson Truss Company

Job Identification: 8-171--Fill in later DOUG EDGLEY -- , **

Truss Count: 38

Model Code: Florida Building Code Truss Criteria: ANSI/TPI-1995(STD)/FBC

Engineering Software: Alpine Software, Version 7.36.

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

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

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Details: BRCLBSUB-TCFILLER-BCFILLER-

Ref Description Drawing#

	#	Ket Description	Drawing#	Date
	1	93167H9A	08190004	07/08/08
	2	93168H11A	08190005	07/08/08
	3	93169H13A	08190006	07/08/08
	4	93170H15A	08190007	07/08/08
	5	93171H17A	08190008	07/08/08
	6	93172H19A	08190009	07/08/08
	7	93173 H21A	08190010	07/08/08
	8	93174A1	08190011	07/08/08
	9	93175 A2	08190013	07/08/08
	10	93176 A3	08190014	07/08/08
	11	93177 A4	08190026	07/08/08
	12	93178A5	08190025	07/08/08
	13	93179 A6	08190024	07/08/08
	14	93180 H7A	08190027	07/08/08
	15	93181 H15B	08190019	07/08/08
	16	93182 H13BT	08190017	07/08/08
	17	93183 H11BT	08190016	07/08/08
	18	93184 H9BT	08190015	07/08/08
	19	93185 H7BT	08190003	07/08/08
	20	93186H21BV	08190022	07/08/08
	21	93187 H19BV	08190021	07/08/08
	22	93188H17BV	08190020	07/08/08
	23	93189 H7C	08190001	07/08/08
J	24	93190C1	08190032	07/08/08
١	25	93191C	08190023	07/08/08
ì	26	93192H9C	08190012	07/08/08
١	27	93193F3	08190033	07/08/08
١	28	93194F2	08190031	07/08/08
ı	29	93195 T10	08190002	07/08/08
ı	30	93196EJ7	08190038	07/08/08
Į	31	93197 J1	08190037	07/08/08
	32	93198HJ7	08190034	07/08/08
	33	93199 J3	08190036	07/08/08
	34	93200 J5	08190035	07/08/08
	35	93201 J3T	08190028	07/08/08
	36	93202J5T	08190029	07/08/08

#	Ref	Description	Drawing#	Date
37	93203-	-EJ7T	08190018	07/08/08
38	93204-	-HJ7T	08190030	07/08/08

Seal Date: 07/08/2008

-Truss Design Engineer-Doug Fleming

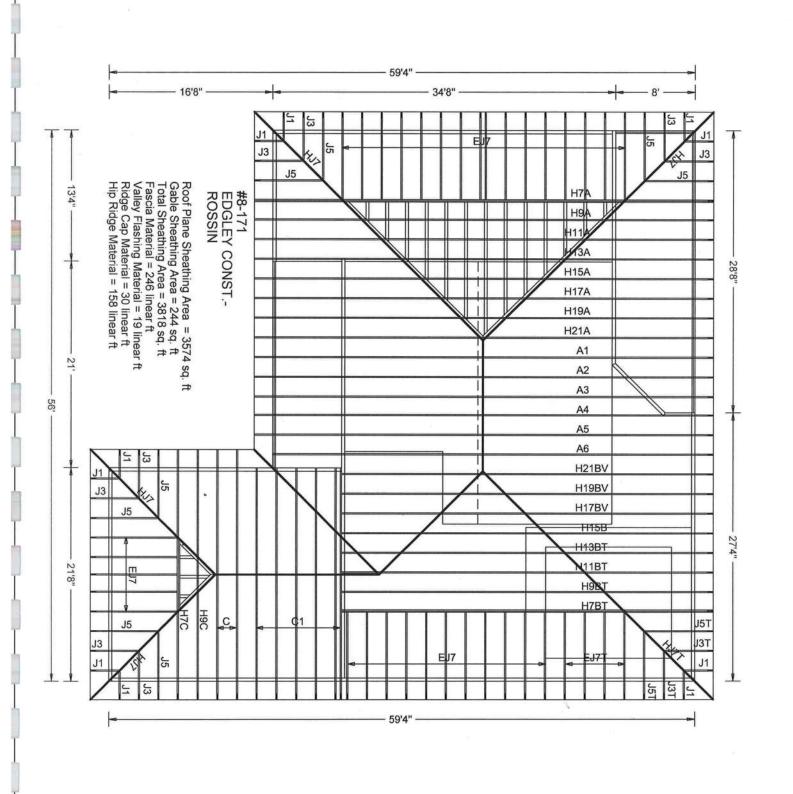
Florida License Number: 66648

1950 Marley Drive

Haines City, FL 33844







JOB DESCRIPTION:: Fill in later
/: DOUG EDGLEY

JOB NO: 8-171

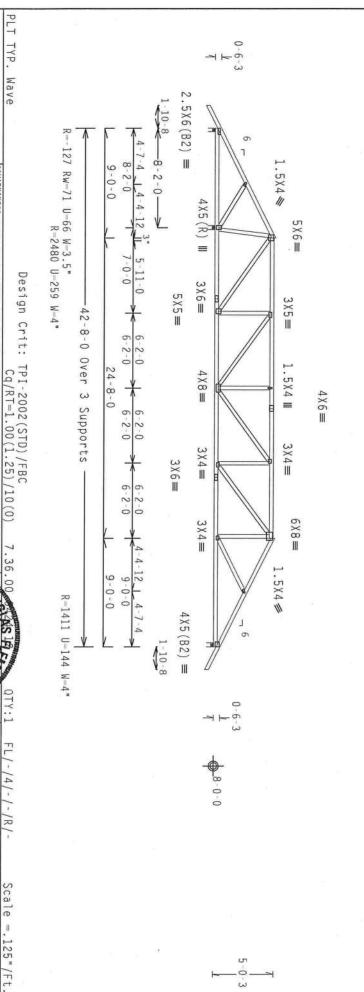
Wind reactions based on MWFRS pressures

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

TRUSS MAY NOT BE INSTALLED END FOR END

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

Roof overhang supports 2.00 psf soffit load



A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTPUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY BET ALLINE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS OF FARBLECKING. MANUFULGE. SHEPPLING. INSTALLING & BRACHE OF TRUSSES.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOS (MAITONAL DESIGN SPEC, BY ALENA) AND TPL.

THE RESPONSE AND MADE OF ZOJJUJIGGA (M.19/55/K) ASIM AGS GRADE 40/50 (M. K/M.SS) GALV. STEEL. APPLY PLATES TO EACH TACE OF TRUSS AND. UNLESS OF HERMISE LOCATED ON THIS DESIGN, POSITION PER BRACHES AGOA?

ANY INSPETION OF PLATES FOLIONED BY (1) SHALL BE PER ANNI DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING DESIGN SHOWN, THE SHITABLILIY AND USE OF THIS COMPONEN BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. SIGH SPEC, BY ATAPA, AND IPI. ITH HEG RADE 40/50 (W. KM, SS) GALY. STEEL, APPLY THIS DESIGN, POSITION PER DEASTHGS 160A.2, 0F IPIT-2002 SEC.3. A SEAL ON THIS OMSTRELITY SOULLY FOR THE TRUSS COMPONENT ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group

ALPINE

FL CC 100 78

OU CENS STONAL ENGINE No. 66648 WATE OF 80 BC LL BC DL DUR.FAC. TC DL TC LL SPACING TOT.LD. 40.0 10.0 24.0" 1.25 10.0 20.0 PSF 0.0 PSF PSF

PSF PSF JREF -SEQN-HC-ENG 1TJ18228Z02 DF / DF 35051

DATE REF

07/08/08

R8228- 93167

DRW HCUSR8228 08190004

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

(A) Continuous lateral bracing equally spaced on member

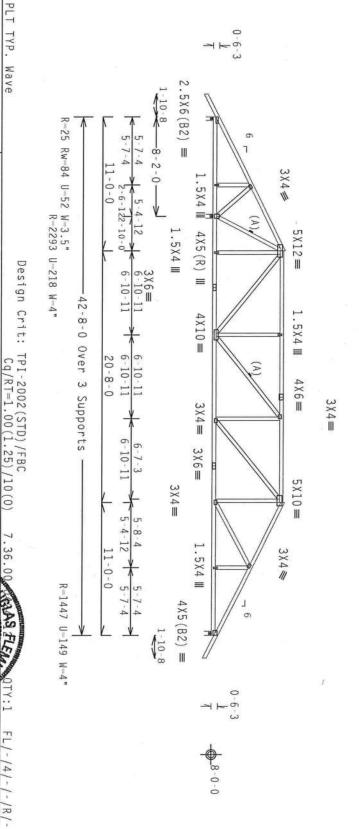
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Wind reactions based on MWFRS pressures.

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

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

TRUSS MAY NOT BE INSTALLED END FOR END



WARNING TRUSSES REQUIRE LXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (FRUSS PLATE INSTITUTE, 21% MOBIL LEE STREET, SUITE 31%, ALEXANDRIA, VA, 22314) AND NICA (HOOD TRUSS COUNCIL OF AMERICA, 6300 ERITERPRISE LANE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERNISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL HAVE

IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN, NAY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI; OR FARRICATING, MAND LNG, SHEPPING, HISTALLING A BRACING OF TRUSSES.

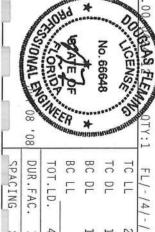
DESIGN COMPORES WITH APPLICABLE PROVISIONS OF MRDS (MATIONAL DESIGN SECC. N. STENS) AND TPI. ITW BCG CONNECTOR PLAITS ARE MADE OF 20/18/166A (N.H/SS/R), ASTM ASS GRADE 40/60 (M. K/M.SS) GALY SIELE. APPLY PLAIES TO EACH FACE OF TRUSS AND. UNICSS OTHERSISE LOCATED ON THIS DESIGN, POSITION DER DRAHEMS 160A-Z. ANY INSPECTION OF PLAITS FOLLOWED BY (I) SHALL BE FER ARREX AS OF TPI1-2002 SEC. 3. A SLA. ON THIS BUSICALISE ACCEPTANCE OF PROPERTY OF THE TRUSS COMPORARY DESIGN SHOWN. THE SULTABILITY AND USE OF THIS COMPORATION FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

DRANTHG INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILD BUILDING DESIGNER PER ASSI/FPI I SEC. 2.

ITW Building Components Group

ALPINE

Haines City, FL 33844 FL CC 1 10 78



40.0 10.0 10.0 20.0 PSF 24.0" 1.25 0.0 PSF PSF PSF PSF DATE REF JREF -SEQN-HC-ENG DRW HCUSR8228 08190005 R8228- 93168 1TJ18228Z02 DF/DF 07/08 35056

Scale =.125"/Ft.

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

Roof overhang supports 2.00 psf soffit load

(A) Continuous lateral bracing equally spaced on member

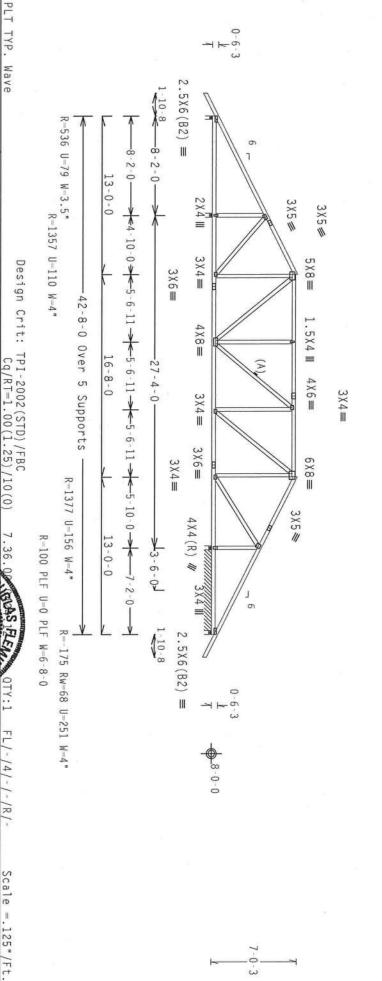
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

TRUSS MAY NOT BE INSTALLED END FOR END

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

Wind reactions based on MWFRS pressures

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, JAMBILING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE (TRUSS PLATE INSTITUTE, 21B MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WICA (ADOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MONISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEST FUNCTIONS. UNLESS OTHERHISE HOLD TO MODES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO WHILD THE TRUSS IN COMPORMANCE WITH THIS DESIGN CONFIDENCE. THE PROPERTY OF THE SECOND OF TRUSSES, AND THE THIS DESIGN CONFIDENCE OF THE SECOND DESIGN CONFIDENCE AND THE SECOND OF THE SEC

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

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CO^A #0.778

80

No. 66648 CENS BC DL TC DL DUR.FAC. BC TC LL SPACING TOT.LD. F 40.0 10.0 10.0 20.0 1.25 0.0

PSF

DRW HCUSR8228 08190006

DF / DF 35063

PSF PSF

DATE REF

07/08

R8228-

93169 /08

24.0" JREF -1TJ18228Z02

PSF PSF

SEQN-HC-ENG

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

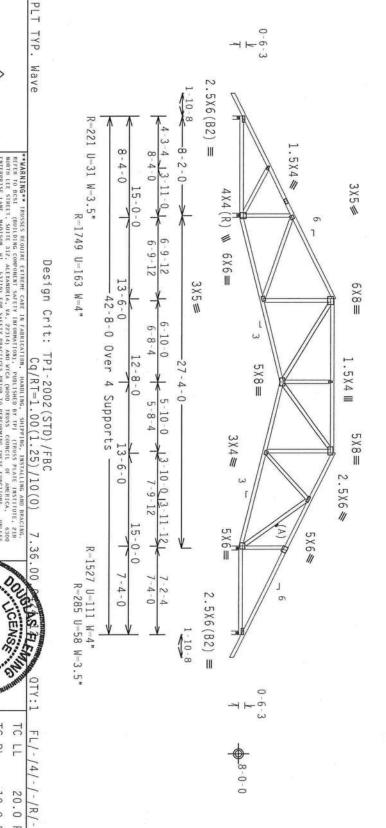
Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures.

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



8

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACHISG, REFER TO BOS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP (FURSS PLATE INSTITUTE, ZEE MORTH LEE STREET, SUITE 312, ALEXANDRIKA, VA, Z2314) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, NI \$3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HEST FUNCTIONS. UNLESS OTHERHISE 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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FALLUEF TO BUILD THE TRUSS IN COMPORMANCE WITH IPI; OR FARREACTION, HANDLING, SHIPPIG, HISTALLING, A BRACTING OF TRUSSES, OR FAREACTION, HANDLING, SHIPPIG, HISTALLING, A BRACTING OF TRUSSES, OR ACKES, AND PI. ITH BCG COMMERCION PICTURES ARE HADE OF 20/18/1660 (M.H/SS/R), ASTM A653 GRADE 40/60 (M.K/MISS) AGALY, SHIFL, APPLY PRAFES TO EACH FACE OF TRUSS AND. INBLESS OTHERBUSE LOCATED ON THIS DESIGN, POSITION PER DRAMINGS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ARREX AS OF PHI-2002 SEC. 3.

BRAHING, INDICATES ACCEPTANCE OF PROFESSIONAL FIGURETHING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SULFABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CO 4 JAN 78

TORIONAL ENGINEER MESOF 80 BC LL BC DL DUR.FAC. SPACING TOT.LD. 40.0 10.0 24.0" 1.25 0.0 PSF

PSF PSF

SEQN-

HC-ENG

DF / DF 35068

DRW HCUSR8228 08190007

JREF -

1TJ18228Z02

No. 66648

TC DL

10.0

PSF PSF

DATE REF

07/08/08

TC LL

20.0

Scale = .125"/Ft. R8228- 93170

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

Roof overhang supports 2.00 psf soffit load

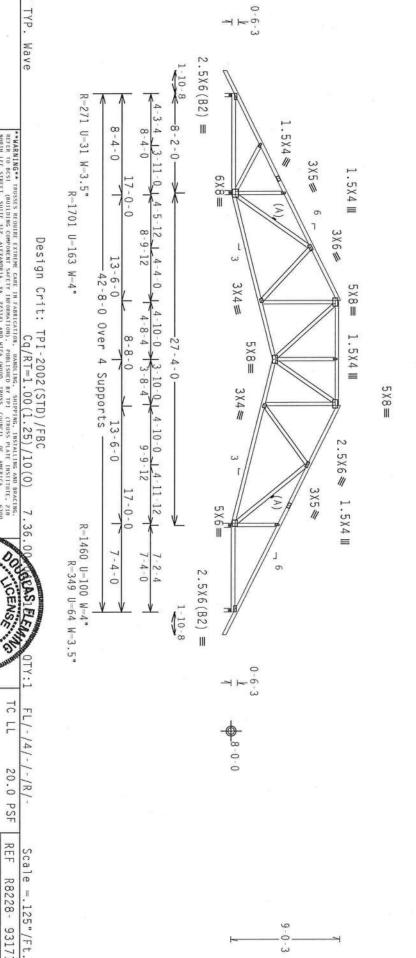
(A) Continuous lateral bracing equally spaced on member

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

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

Wind reactions based on MWFRS pressures.

In lieu of structural panels use purlins to $\ensuremath{\text{OC}}.$ brace all flat TC @



IMPORTANTSURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH TPI: OR FABRICATION, MANDIALD, SHIPPING, INSTALLING A BRACING OF TRUSSES.

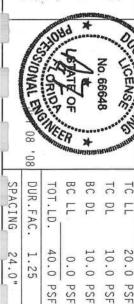
DESIGN CONFERENT APPLICABLE PROVISIONS OF HOS (MAITONA DESIGN ESPEC, BY ALROA) AND IPI. THE GOOGLEGORY MITH APPLICABLE PROVISIONS OF HOS (MAITONA DESIGN ESPEC, BY ALROA) AND IPI. THE GOOGLEGORY MITH APPLICABLE PROVISIONS OF HOS (MAITONA DESIGN ESPEC, BY ALROA) AND IPI. THE GOOGLEGORY MITH APPLICABLE PROVISIONS OF HOS (MAITONA DESIGN ESPEC, BY ALROA) AND IPI. THE GOOGLEGORY MITH APPLICABLE PROVISIONS OF HOS (MAITONA DESIGN ESPEC, BY ALROA) AND IPI. THE GOOGLEGORY MITH APPLICABLE PROVISIONS OF HOS (MAITONA DESIGN ESPEC, BY ALROA) AND IPI. THE GOOGLEGORY MITH APPLICABLE PROVISIONS OF HOS (MAITONA DESIGN ESPEC, BY ALROA) AND IPI. THE GOOGLEGORY MITH APPLICABLE PROVISIONS OF HOS (MAITONA) DESIGN, POSITION FOR BRANINGS 160A-Z. **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (FRUSS PLATE HESTITHE, 218 HORTH LEE STREET, SHITE 315, ALEXANDRIA, VA, 22310) AND WITCA (MODO) TRUSS COUNCIL OF AMERICA, 6300 ERRIEFORS (ANT. MODISON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PREFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE

BUILDING DESIGNER PER ANSI/TPI 1 PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DEADHOS GOAD ANY INSPECTION OF PLATES FOLLOHED BY (1) SHALL BE PER ANNEX AS OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

FL COA #0.278



PSF

HC-ENG

DF / DF 35073

DRW HCUSR8228 08190008

PSF

SEQN-

JREF -

1TJ18228Z02

PSF

DATE

07/08/08 93171

R8228-

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

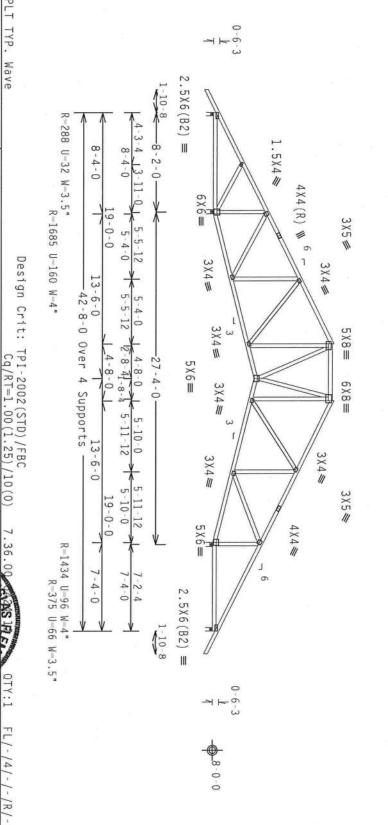
Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures.

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



10 0-3

WARNING TRUSSES BEDUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BCSI (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 MOSTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND MICA (ADODO TRUSS COUNCIL O' AMERICA, 6300 ERIESPESIS LAKE, MAISSON, NI 5379) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP COMES SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, AVE FAILURE FO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARBLECKING, HANDLING, SHEPPING, HEYALLING A BRACING OF TRUSSES, DOESIGN CONFOCRATION, LORD LING, SHEPPING, HEYALLING A BRACING OF TRUSSES, DOESIGN CONFOCRAS, WITH APPLICABLE PROVISIONS OF DROS (MATIONAL DESIGN SECE, BY ALEXA) AND IPI. IT BCG COMMECTOR PLATES ARE MADE OF 20/18/1566 (M-H/SS/K) ASTM A653 GRADE 40/50 (M-K/M:SS) GALV. SIELE. APPLY PLATES TO LACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION DER DRAWINGS 160A-Z. ANY INSPECTION OF ELATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TRIL'SORE SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF POPENSIONAL BE EAR ANNEX AS OF TRIL'SORE FOR THE TRUSS COMPONENT DRAWING INDICATES ACCEPTANCE OF POPENSIONAL BEREARDHERS HAS RESPONSIBILITY SOLELY FOR THE BESPONSIBILITY OF THE

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA 40 278

DESIGN SHOWN. THE SUITABLLITT AND WASH

OUNCENSE IN EN No. 66648 80 BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. 10.0 20.0 10.0 PSF

PSF PSF

DATE REF

07/08/08

Scale = .125"/Ft. R8228- 93172

DRW HCUSR8228 08190009

40.0 1.25 24.0" 0.0 PSF PSF SEQN-JREF -HC-ENG 1TJ18228Z02 DF / DF 35078

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

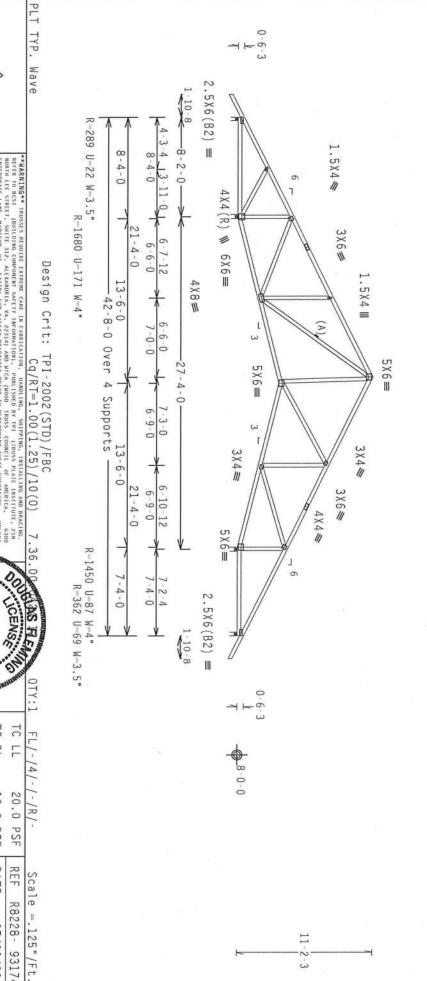
Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Wind reactions based on MWFRS pressures.

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



11-2-3

WARNING TRUSSES REQUIRE EXTREME CARE IN FARBICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE LIRBUS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 137. ALEXANDRIA, WA, 22314) AND WITCH (MOOD TRUSS COUNCIL OF AMERICA, 6300 CHIEDRESS LIARE, MADISON, WI 53210) FOR SAFETY PRACTICES PRIOR TO PERFORHING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED FOR DONDE SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGHT CHORD SHALL HAVE

IMPORTANTFURMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, FOR FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH THIS DESIGN CONTROL OF TRUSSES.

DESIGN CONTROLATION, INAULURG, SHEPPING, HISTALLING A BRACTING OF TRUSSES, WATERA) AND THE. ITH BCG CONTROLATED ARE HADE OF ZO/IM/166A (M.H/SS/K) ASTM A653 DRACE 407/60 (M. E/M.SS) GAAY. STELL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION DER DRAWHRGS 160A-Z. ANY INSPECTION OF ELATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF THIL-ZOOZ SEC. 3. A SEAL ON THIS DRAWHRGS HOLD ANY INSPECTION OF ELATES FOLLOWED BY (I) SHALL BE FER ANNEX AS OF THIL-ZOOZ SEC. 3.

BRAHING HIDLICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLITY FOR HIE TRUSS COMPONENT DESIGN SHOWN. THE SULTABLILITY OF THE

ITW Building Components Group Inc.

ALPINE

FL CC 4 MA 78

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TP1 1 SEC. 2.

ORIOP IS No. 66648 ATE OF 80 BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. 20.0

40.0 10.0 1.25 10.0 PSF 24.0" 0.0 PSF PSF PSF DATE JREF -SEQN-HC-ENG DRW HCUSR8228 08190011 1TJ18228Z02 DF / DF 35088 07/08/08

PSF

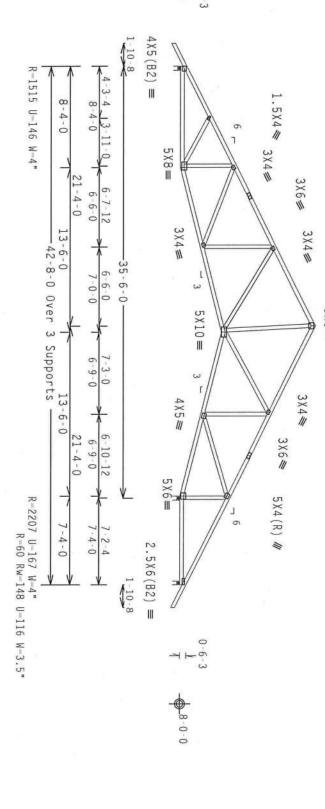
REF

R8228- 93174

Top chord 2x4 SP # Bot chord 2x4 SP # Webs 2x4 SP # Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Roof overhang supports 2.00 psf soffit load 8-171--Fill in later DOUG EDGLEY **ITW Building Components Group Inc.** TYP. FL CC 4 40 778 ALPINE Wave $2.5 \times 6 (B2) =$ 1-10-8 6-10-13-1 #2 Dense #2 Dense #3 R=194 U=36 W=3.5" R=1709 U=149 W=5.657" 4-3-4 13-11 6-10-13 1.5X4 // **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAW DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI; OR FABRICATING, HANDLING, SHEPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONTRACTING, HANDLING, SHEPPING, INSTALLING A BRACING SPEC, BY AREAS, AND TY. THE BCG CONNECTOR PLAITES ARE HADE OF 20/18/156A (M.H/SS/R). ASYM A653 GRADE 40/56 (M. E/M.SS) GALV. SITEEL, APPLY PLAIES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION DER BRACINGS 160A-Z, ANY INSPECTION OF PLAITS FOLLOWED BY (1) SHALL BE PER ANIRE XA OF PILI-2002 SEC. 3. A STAL ON THIS DESIGN SHOWN. THE SUITABILLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILLTY OF THE DESIGN SHOWN. THE SUITABILLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILLTY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND HRACING, REFER TO BEST. (BULLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLAIF INSTITUTE, 278 HORTH LEE STREET, SHITE 312, ALEXANDRÍA, VA, 27314) AND WICKA (ROUGO TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO EXERCHENCE THE SE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2. A PROPERLY ATTACHED RIGID CEILING -4-0 9 4 X 4 = 1-5-3 4X10 / 5 X 6 = 3×6# 21-4-0 6-7-12 6-6-0 Design Crit: 3 \ 4 ≤ 13-6-0 3X4# 42-8-0 6-6-0 7-0-0 Over TPI-2002 (STD) /FBC 28-7-3 5 X 6 ≡ Cq/RT=1.00(1.25)/10(0) 5X10 = 4 Supports 6-9-0 ω 3×4₩ 3 X 4 ≡ -6-0 6-10-12 21-4-0 3×6/ 6-9-0 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. 5 X 6 = 7.36. 4X4(R) / R=1533 U=106 W=4" SOULCENSE 7-4-0 7-4-0 R-345 U-63 W-3.5" -2-4 $2.5 \times 6 (B2) =$ No. 66648 into una intermenta inost contratto tarta. Econos a attitudational substituto at indea firm. 1-10-8 * 80 BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 PSF 1.25 10.0 PSF 24.0" 0.0 PSF PSF PSF REF DATE JREF -SEQN-HC-ENG DRW HCUSR8228 08190013 Scale = .125"/Ft. psf, R8228-1TJ18228Z02 DF / DF 07/08/08 35093 93175

וווזים משמ בערובערה ויחמון למתנמורט מענת הוא לרמשמים א מתורשים המיל מתחודו ורח מו נעמים וודעי

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 1.5X4 6 3X4# 3×6/ 3X4# 5 X 6 =



2-3

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE FRUSS IN COMPORMANCE WITH IP: 00 FARRECATHING, HANDLING, SHEPPING, HISTALLING, A BRACKING OF TRUSSES, DESIGN CONFECTING, HANDLING, SHEPPING, HISTALLING, A BRACKING OF TRUSSES, DESIGN CONFECTOR PLATES ARE MADE OF 20/19/1566, (H.1/55/N). ASIM A653 GRADE 40/50 (H. E/H. SS) GALV. STELL APPLY PLATES TO EACH FACE OF TRUSS ARD, UNLESS OTHERHISE LOCATED ON THIS DESIGN, POSITION BYR DRAWHINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF FILL-2002 SEC. 3. A SEAL ON THIS BUSICES AND THE TRUSS COMPONENT FOR MAY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF FILL-2002 SEC. 3. A SEAL ON THIS BRAINING HOLDERISE ACCEPTANCE OF PROFESSIORAL ENGLIFIED HER RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE BUSS COMPONENT OF THE **WARNING** TRUSSES REQUIRE CEREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BEST (BUILDING COMPONER) SAFETY INFORMATION). PUBLISHED BY FIT (FRUSS PLATE INSTITUTE, ZUB MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, ZEJAJO AND NICA (ROOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPLISE LANE, MADISON, 11 S3719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OFHERWISE HOUGHAND FORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI I SEC. 2. Cq/RT=1.00(1.25)/10(0) OO JOENSE SSONAL ENGINE No. 66648 80 BC DL TC DL TC LL DUR.FAC. TOT.LD. FL/-/4/-/-/R/-40.0 10.0 20.0 1.25 10.0 PSF 0.0 PSF PSF PSF PSF DATE SEQN-HC-ENG REF DRW HCUSR8228 08190026 Scale = .125"/Ft.

SPACING

24.0"

JREF -

1TJ18228Z02

R8228-

07/08/08 93177

DF / DF 35110

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL CC 4 HO 778

TYP.

Wave

Design Crit:

TPI-2002(STD)/FBC

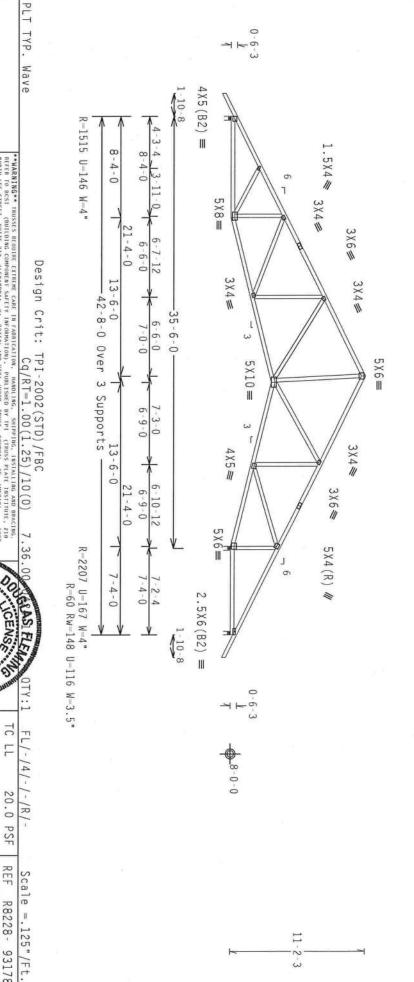
Bot t chord 2x4 SP t chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load

Wind reactions based on MWFRS pressures.

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

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



WARNING HRUSSES BEQUIRE ETTREME CARE IN FABRICATION, HABLIGH, SHIPPING, HSTALLING AND BRACING, REFER TO BESS! (BUILDING COMPONERS SAFETY INFORMATION), PUBLISHED BY FIT (TRUSS PLATE INSTITUTE, 218 MORTH LEE STREEF, SUITE 312, ALEXANDRIA, VA. 2231A) AND WICK (1000 TRUSS COUNCIL OF AMERICA, 6300 ERREPREST LARE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOUSEARCH FOR ORDER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT FURBLEN A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN CONTORNANCE WITH TPI: OR FAREIGATING, AND LIG. SIMPPING, INSTALLING A BRACING OF TRUSSES.

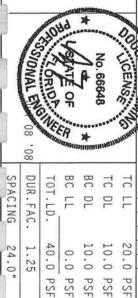
DESIGN CONTORNS WITH APPLICABLE PROVISIONS OF HDS (NATIONAL DESIGN SPEC, BY AFAPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/1608 (M.M/SS/K) ASTH AGS GRADE 40/60 (M. KYM.SS) GALV. STEEL, APPLY PLATES TO EACH FAGE OF TRUSSS AND. MURESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHING SIGNA-Z, PLATES TO EACH FAGE OF TRUSS AND. MURESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHING SIGNA-Z, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF PPII 2002 SEC.3. A SEAL ON THIS ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARMEX AS OF TPT3-20 DRAWLING INDICATES. ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL COA #0.278

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



PSF

HC-ENG

DF / DF

DRW HCUSR8228 08190025

PSF

SEQN-

35110

JREF -

1TJ18228Z02

PSF

DATE REF

07/08/08

PSF

R8228- 93178

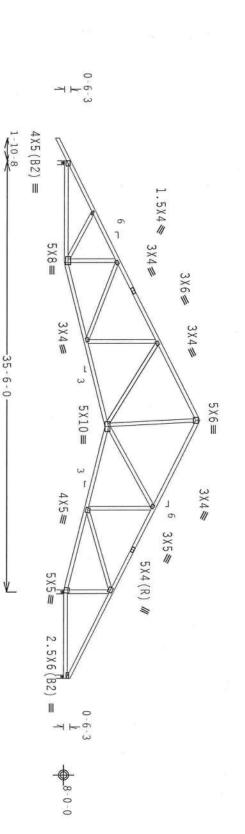
Bot chord 2x4 SP chord 2x4 SP Webs 2x4 SP #2 Dense #2 Dense #3

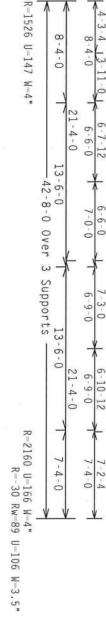
Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures.





MARNING RUSSES REQUIRE EXPLEME CARE IN FAMBICATION, IMABULING, SHIPPING, IMSTALLING AND BRACING, REFER TO REST. (RUSS) PLATE INSTITUTE, 218 NORTH LEE SHEET, SUITE 312, ALEXANDRIA, VA, Z2314) AND NTCA (MODD TRUSS COUNCIL OT AMERICA, 6300 ERITURPISE LAKE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE IDJACATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTON CHORD SHALL HAVE A PROPERLY ATTACHED REGION CHORD SHALL HAVE TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.36.

TC LL

20.0

PSF

PSF

DATE REF

07/08/08

FL/-/4/-/-/R

Scale =.125"/Ft. R8228- 93179

Design Crit:

PLT TYP.

Wave

IMPORTANTFURBLEH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, THC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BHILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARREACTHIN, HANDLING, SHEPPIHG, INSTALLING A BRACLING OF TRUSSES, DESIGN COMPORENS WITH APPLICABLE PROVISIONS OF AND SKATIONAL DESIGN SPEC, BY AREAD, AND TPI. THE RECONSIDER PRATES ARE HADE OF 20/18/166A (N.H/SSS/N) ASYM A653 GRADE 40/60 (N. K/M.SS) GALV. SHIELL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 166A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ARMEX AS OF FPI1-2002 SEC.3. A SEAL ON THIS DRAWINGS 100A-Z, DRAWINGS 100A-Z, AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ARMEX AS OF FPI1-2002 SEC.3. A SEAL ON THIS DRAWINGS 100A-Z, THE SHALL AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ARMEX AS OF FPI1-2002 SEC.3. A SEAL ON THIS DRAWINGS 100A-Z, THE SHALL AND ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ARMEX AS OF FPI1-2002 SEC.3.

ITW Building Components Group Inc.

ALPINE

Haines City, FL 33844 FL Co. 40 78

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMP BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

OOU CENS, W SIONAL ENGINEE CENSE No. 66648 80 BC DL DUR.FAC. BC LL TC DL SPACING TOT.LD. 40.0 10.0 24.0" 1.25 10.0 PSF 0.0

PSF PSF

SEQN-

JREF -

1TJ18228Z02

HC-ENG

DF / DF 35122

DRW HCUSR8228 08190024

CLB WEB BRACE SUBSTITUTION

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

NOTES

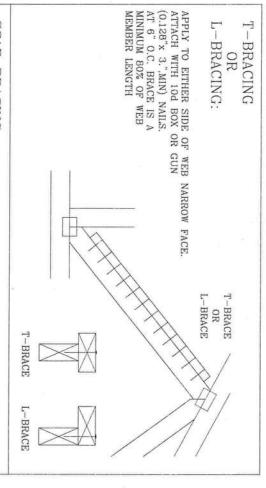
THIS DETAIL IS ONLY APPLICABLE FOR CHANGING THE SPECIFIED CLB SHOWN ON SINGLE PLY SEALED DESIGNS TO T-BRACING OR SCAB BRACING.

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

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

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

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



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.

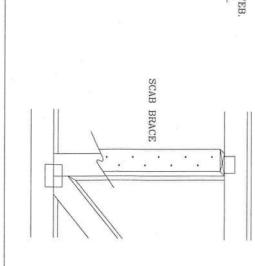
NO MORE THAN (1) SCAB PER FACE.

ATTACH WITH 10d BOX OR GUN

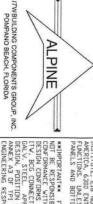
(0.128"x 3.".MIN) NAILS.

AT 6" O.C. BRACE IS A MINIMUM

80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640



MARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI GUILLING COMPONENT SAFETY INTORNATION, PUBLISHED BY FFI CIRIUS PLATE INSTITUTE, 218 WORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 223143 AND WITCA VOUDD TRUSS COUNCIL OF ARRICICA, 6300 ENTERPRISE LN, MADISON, VI 53715) FOR SAFETY PARCITICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SAFETY PARLICES PRIOR TO PERFORMING THESE PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

WANDERVAITS FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHAND BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FALLOR TO BUILD THE TRUSS IN COMPORMANCE WITH 17-DID A FABRICATION, ANDLING, SUMPTING, NOTALLING & BRACKING OF ROSSESS. DESIGN CONFIDENCE WITH APPLICABLE PROVISIONS OF NIS CANTOWAL DESIGN SPEC, BY AFRAN AND THE LITY. BCG CONNECTOR PLATES ARE MADE OF ZOURSLOOK CANTOWAL DESIGN SPEC, BY AFRAN AND THE LITY. BCG CONNECTOR PLATES ARE MADE OF ZOURSLOOK CANTOWAL SEASON ASTEME ASSOCIATE 04/OF OLIVERS OF THIS SEASON AND THE SEASON AND THE LITY SOLELY FOR THE SEASON SHOWN. THE SUITABLE PER CANTOWN PRE DEMANUAS GRAPE. AND THIS DRAWING UNICESS OF THE SEASON SHOWN. THE SUITABLE PER CANTOWN SHOWN. THE SUITABLE PER CANTOWN THE SUITABLE



000	DUI	TOT	BC	ВС	TC	TC
SPACING	DUR. FAC.	TOT. LD.	EF	DL	DL	T
		PSF	PSF	PSF	PSF	PSF
			-ENG	DRWG	DATE	REF
			MLH/KAR	BRCLBSUB0207	2/23/07	CLB SUBST.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD. (2) 16d COMMON (0.162"X 3.5",MIN) NAILS.
BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C.

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

* 8/12 MAXIMUM PITCH.

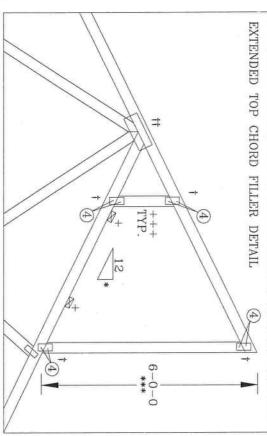
** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

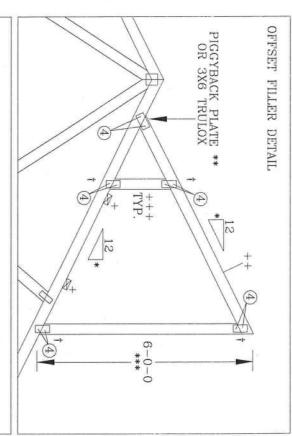
*** 6'0" MAXIMUM HEIGHT

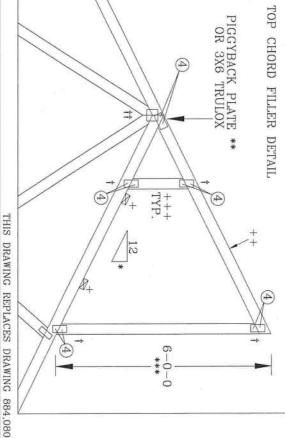
† W2X4 OR 3X6 TRULOX.

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

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







WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HAUGLING, SHIPPING, INSTALLING AND BRACING. REFER TO BESS (GUILLDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TRI TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANIRIA, VA. 22314) AND WICA CAUDD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHIRD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL QUEL

ITW BUILDING COMPONENTS GROUP, INC. POMPANO BEACH, FLORIDA

ALPINE



AIE OF	*	0, 66648	CENSE	PS FLEW	THE PROPERTY OF	
ER	****** *******************************	ninusi.	WHITE ST	NAME OF THE OWNER, OF THE OWNER, OF THE OWNER, OF THE OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER, OWNER,		
SPA	DUF	TOT	ВС	ВС	TC	TC
SPACING	DUR. FAC. 1.15 OR 1.33	TOT. LD. MAX 55 PSF	E	DL	DL	TT
N	1.15	MAX		MAX	MAX	MAX
24.0	OR	55	0	10	15	30
-	1.33	PSF	PSF	PSF	15 PSF	30 PSF
			-ENG	DRWG	DATE	REF
			-ENG SJP/KAR	TCFILLER0207	2/23/07	TC-FILLER

BOTTOM CHORD FILLER DETAIL

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

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

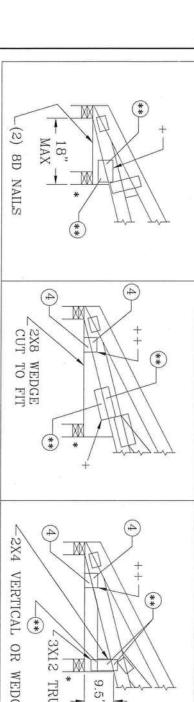
3X4 WAVE OR 4X8 TRULOX

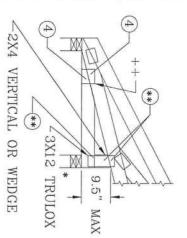
++ 2X4 WAVE OR 3X6 TRULOX

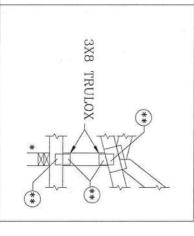
REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN

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

FILLER BOTTOM CHORD	MAXIMUM REACTION	EACTION	MINIMUM	** REQUIRED	D NAILS PER	R FACE WITH	TRULOX F	LATES
OR WEDGE SPECIES	DOWNWARD	UPLIFT	BEARING AREA 1.00 D.O.L. 1.15	1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	D.O.L. 1.33 D.O.L. 1.60 D.O.L.	1.60 D.O.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	00
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	~2	0
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	~
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	ග







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



***WARNING** TRUSSES REDUIRE EXTREME CARE IN FARRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (AULIDING CORPONENT SAFETY INGRAMITION, PUBLISHED BY TPI CIRUSS PLATE INSTITUTE, 218 MIDTH LEE SIR., SUITE 312. ALEXANDRIA, VA. 22349 AND VTCA CVOIDD TRUSS CIDUACIL DE NAERICA, 6300 ENTERRISE LM, MADISON, WI 537199 FOR SAFETY PRACTICES PRIDE TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL

WHIPDER MAITWA FURNISH CORPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC., SHALL
NOT BE RESPONSIBLE FOR ANY BEVLATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSS IN
CONFIDENANCE WITH FELD RE FARRICATING, HANDLING, SHIPPING, INSTALLING & BEACING OF TRUSSES.
DESIGN CONFIDENCY WITH APPLICABLE PROVISIONS OF NDS (MATICINAL DESIGN SPEC, BY AFREAD AND TEL.
ITV, BCG CONNECTURE PLATES ARE HADE OF 2018/19/16AC WJAKASKY) ASTH AGS3 GRADE 40/6C (WJAKASS)
GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED BY HIS
BESIGN, POSITION FER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLURED BY CO SHALL BE PER
ANNEX AS OF THE 1-2002 SEC. 3. A SEAL BN THIS DRAWING MOIGHTES ACCEPTANCE OF PROFESSIONAL
ENGINEERING RESPONSIBILITY SOLELY FIRE THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY NO
LUSE, OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER



co.		HINNER	B	ш	TC	TC
SPACING 24.0"	DUR. FAC. 1.0/1.15/1.25/1.33	TOT. LD.	BC LL		C DL	
24.0"	/1.15/1.2	ı	I	10.0	1	1
	5/1.33	PSF	PSF		PSF	PS
			-ENG I	FDRWG	F DATE	PSF REF
			DLJ/KAR	BCFILLER0207	2/23/07	BC FILLER

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Bot chord 2x4 SP #2 Dense :12, 13 2x6 SP #2: chord 2x6 SP #2 Webs 2x4 SP #3 Top Chord: 1 Row (Bot Chord: 1 Row (Webs: 1 Row (Nailing Schedule: 2 COMPLETE (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
@12.00" o.c.
@12.00" o.c.
@12.00" o.c. TRUSSES REQUIRED

Wind reactions based on MWFRS pressures. (A) Continuous lateral bracing equally spaced on member.

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

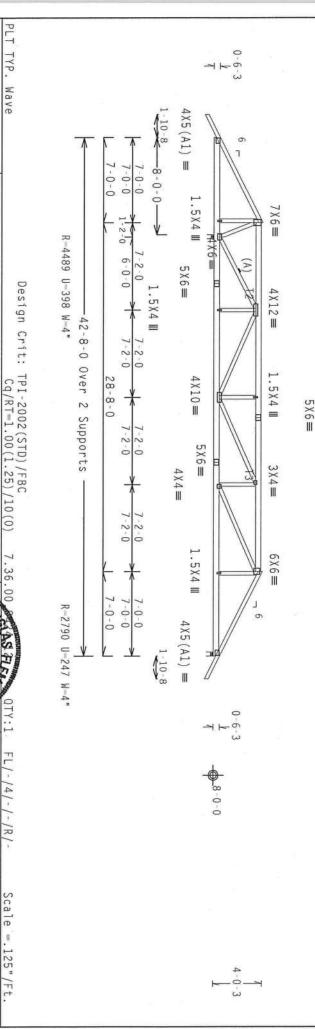
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

TRUSS MAY NOT BE INSTALLED END FOR END

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

Roof overhang supports 2.00 psf soffit load

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



TW Building Components Group Inc. **IMPORTANT** TUBBLISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT'N BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FALLURE FOR BUILD THE THUSS IN COMPORMANCE WITH IP!. OR FARRICATHE, HANDLIGHE, SHEPPIG, HISTALLIBG & BRACHING OF TRUSSES, TO BE FARRICATHE, HANDLIGHE PROPYLSIONS OF THOS (MATIONAL DESIGN SPEC, S) AREAD, AND THI. IT BCG COMMERTED BY AREAS ARE AND CONTRACTOR PRACTICES OF TRUSS AND, UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION OF REALINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARREX AS OF PIL-2002 SEC. 3. A SEAL ON THIS DRAHING LINGUIST. AS COMPONENT DESIGN SHOWN, THE SULFAPER FOR THE THISS COMPONENT DESIGN SHOWN, THE SULFAPER FOR THE THISS COMPONENT OF THE DESIGN SHOWN. **WARNING** IRUSSES BEQUIRE LYTERE CARE IN FARRICATION, MANDIENG, SHIPPING, INSTALLING AND BRACING, REFER TO BCS! (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (FRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDEIA, VA, 22314) AND MICA (MOND TRUSS CHURCL OF AMERICA, 6300 ENTREPREST LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HOLDS CHARLED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

Haines City, FL 33844 FL COA #0 278

ALPINE

GOUG AS FLE O'IONAL ENGINEE CENS No. 66648 80 BC DL BC LL TC DL TC LL DUR.FAC. TOT.LD. SPACING SEE ABOVE 40.0 1.25 10.0 10.0 PSF 20.0 PSF 0.0 PSF PSF PSF JREF -SEQN-DATE REF DRW HCUSR8228 08190027 HC-ENG R8228- 93180 1TJ18228Z02 35152 07/08/08

Bot PLT TYP. In lieu of structural panels use purlins to brace all flat IC @ 24" $\,$ 0C. Roof overhang supports 2.00 psf soffit load. A ITW Building Components Group p chord 2x4 SP / t chord 2x4 SP / Webs 2x4 SP / Continuous lateral bracing equally spaced on member. 0-6-3 ALPINE Wave 1-10-8 5X4(B1) =#2 Dense #2 Dense #3 R-1602 U-156 W-4" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITM BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IPI; OR FARELACTION, HANDLING, SUPPING, HISTALLING, A BRACHIG OF TRUSSES, DESIGN COMPORES, HITH APPLICABLE PROVISIONS OF DROS (MATIONAL DESIGN SPEC, BY AREA), AND TPI. 11 BCG CONNECTOR FLATES ARE HAND OF 20/181/1604 (M.H.SSY, ASTH ASS) GRADE 40/00 (M. C.H.SS) GALV. STHEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHINS 16DA 7. ANY HISTOCHAES ACCUPACING BY (T) SHALL BE PER MANER AS OF FPI1-2002 SEC.3. A SEA ON THIS DRAWHING INDICASES ACCUPACING THE MATER AS OF FPI1-2002 SEC.3. BRANIANS INDICAS. THE SHALL HAVE AS OF FPI1-2002 SEC.3. A SEA ON THIS DRAWHING INDICASES ACCUPACING THE MATER AS OF FPI1-2002 SEC.3. **WARNING** IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TIT (TRUSS FLATE INSTITUTE, 218 MOBIN LEE STREET, SUITE 317, ALEXANDRIA, VA, 223) AND NICA (MODD TRUSS COUNCIL OF AMERICA, 6300 CHIEGERISE LARE, MADISON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HESE FUNCTIONS. UNLESS OFHERISE HOLDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 6 -1-4 1.5X4 III 15-0-0 3X4# Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3X5# -4-12 3×5≡ 35-8-0 Over 2 Supports 3 X 4 ≡ 5X10≡ 6-4-0 1.5X4 Ⅲ 4 X 8 == 2-8-0 Right end vertical not exposed to wind pressure. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi (+/-)=0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures. 7.36.00 3X5= 0 4-0 8 STONAL ENGINEE CENS €X8≡ 3 X 4 == 3-8 3×6/ 8-0-0 8-0-0 80 DUR.FAC. BC LL BC TC DL TC LL R=1461 U=142 W=4" TOT.LD. FL/-/4/-/-/R/-3X5(R) PL 40.0 10.0 PSF 20.0 PSF 1.25 10.0 PSF 0.0 PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 08190019 Scale = .1875"/Ft. R8228-DF / DF 35144 07/08/08 93181

Haines City, FL 33844 FL COA #0 278

SPACING

24.0"

JREF -

1TJ18228Z02

Bot chord 2x4 SP #2 Dense :11 2x8 SP SS:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

Calculated horizontal deflection is 0.12" due to live load and 0.19" due to dead load.

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

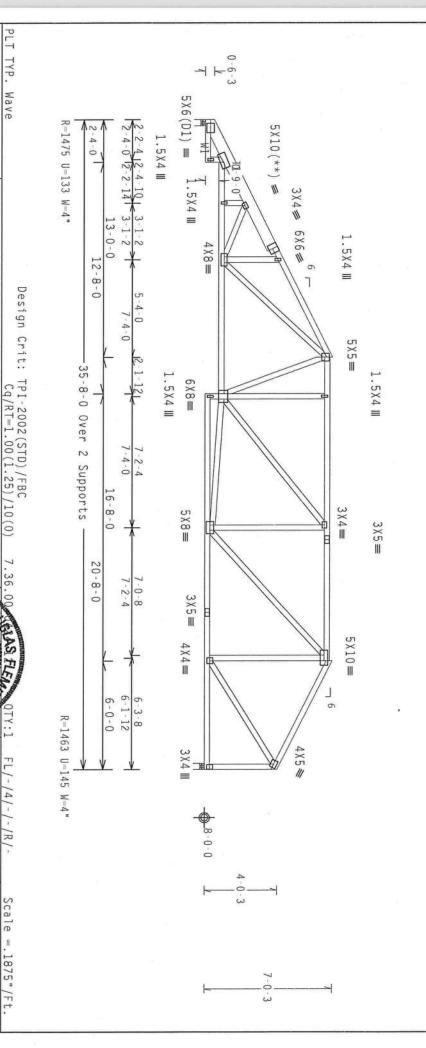
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure.



WARNING RUSSES REQUIRE CYPTEME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BOSI

QUILLOING COMPONENT SAFETY INFORMATION, DUBLISHED BY FPI (FRUSS PLATE INSTITUTE, 210)

MORTH LEE SIREEE, SUITE 312, ALEXANDRIA, VA, 22314) AND WICA (MODOL TRUSS COUNCIL OF AMERICA, 6300

ENTERPRISE LAME, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. DULESS

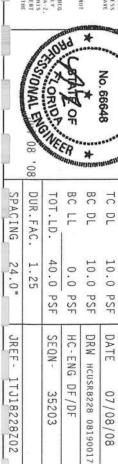
OTHERHISE INDICATED TOP COMED SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

A PROPERLY ATTACHED RIGHD CELLING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR AWY DEVIATION FROM THIS DESIGN, ANY FAILURE FOR BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARERICKING, MANULING. SHEPPIG, INSTALLING A BRACHING OF TRUSSES, DESIGN CONTROPS. WITH APPLICABLE PROVISIONS OF RUS (RATIONAL DESIGN SPEC, B. VASEA) AND FPI. THU BCG CONNECTION FOR THE ADDITION OF THE SPONSIBLE APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION DER DRAWINGS 166A-Z. ANY INSECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF FPII-2002 SEC. 3. A SEAL ON THIS BRAWING INDICANES ACCURATE ACCOMPONENT FOR THE SPONSIBILITY OF THE DESIGN SHOULD.

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

ALPINE



TC LL

20.0 PSF

REF

R8228- 93182

Bot chord 2x4 SP
Webs 2x4 SP #2 Dense : 11 ZX8 SP SS: #2 Dense #3

Calculated horizontal deflection is 0.14" due to live load and 0.23" due to dead load.

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

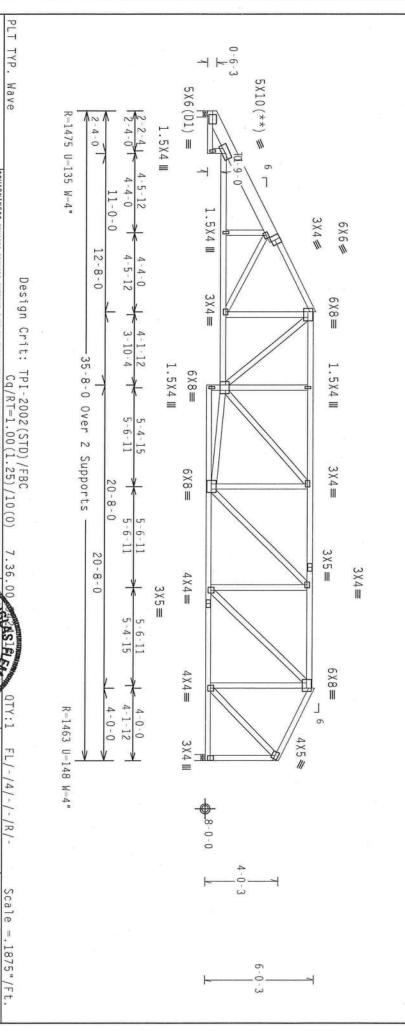
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure.



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

WARNING INUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. (BUILDING COMPONENT SAFETY INFORMATOR), PUBLISHED BY THE CHRUSS PLATE INSTITUTE, ZUB MORTH LEE STREET, SHITE 317, ALEXANDRIA, VA. ZEJJA) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6.300 ERITERPAISE LANE, MADSSON, HI 55719) FOR SAFETY PRACTICES PRIOR TO PREFEDENHEA THEST FUNCTIONS. UNLESS OFMERHYS HOLDSCALED TOP CHROB SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY NG IS THE RESPONSIBILITY OF THE

7.36.00 SOU JOENS SSIONAL ENGINE 80 TC DL BC. BC. DUR.FAC. C SPACING TOT.LD. FL/-/4/-/-/R/-40.0 20.0 1.25 10.0 PSF 24.0" 10.0 PSF 0.0 PSF PSF PSF

> DATE REF

07/08/08

R8228- 93183

SEQN-

HC-ENG

DF / DF 35210

DRW HCUSR8228 08190016

JREF -

11118228202

PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. Bot chord 2x4 SP Webs 2x4 SP Calculated horizontal deflection is 0.18" due to live load and 0.28" due to dead load. ALPINE Wave 5X6(D1) = R-1475 U-134 W-4" 2-2-4 #2 Dense :11 Zx8 SP SS: #2 Dense #3 -4-0 1.5X4 Ⅲ 5X8# 9-0-0 **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING, RETER TO BESS! (BUILDING COMPORED SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 718 MORTH LEE STREET, SUITE 312, ALEXANDRA, VA, Z2314) AND HICA (DODO TRUSS COUNCIL OF AMERICA, 6300 ERREPRISE LAME, MADISON, HI 33719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNICESS OTHERWISE (NOTACLED TOP CORROR SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 6 - 9 - 126-9-12 6 ٦ 12-8-0 1.5X4 III 7 X 8 == Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 5-10-4 35-8-0 1.5X4 Ⅲ 6X8= .5X4 Ⅲ Over 2 Supports 6-10-11 6-8-15 3×4= 7 X 8 == 26-8-0 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 7.36.00 20-8-0 6-10-11 -10-113X5= 2.5X6≡ SIONAL ENGINEE 5 X 5 CENS 6-10-11 6-10-11 R=1463 U=158 W=4" 3 \ 8 = BC BC. TC DL TC LL 3 X 4 Ⅲ TOT.LD. FL/-/4/-/-/R/-DL 40.0 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF PSF DATE REF SEQN-HC-ENG DRW HCUSR8228 08190015 Scale =.1875"/Ft. R8228- 93184 DF / DF 35217 07/08/08

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

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

80

DUR.FAC SPACING

24.0" 1.25

JREF -

1118228202

Bot chord 2x4 SP Webs 2x4 SP #2 :11 2x8 SP SS: #2 Dense #3 :W6, W7 2x4 SP #2 Dense:

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

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

Calculated horizontal deflection is 0.18" due to dead load. due to live load and 0.28"

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

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

COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
@12.00" o.c.
@12.00" o.c.
@12.00" o.c.
@ 4" o.c.

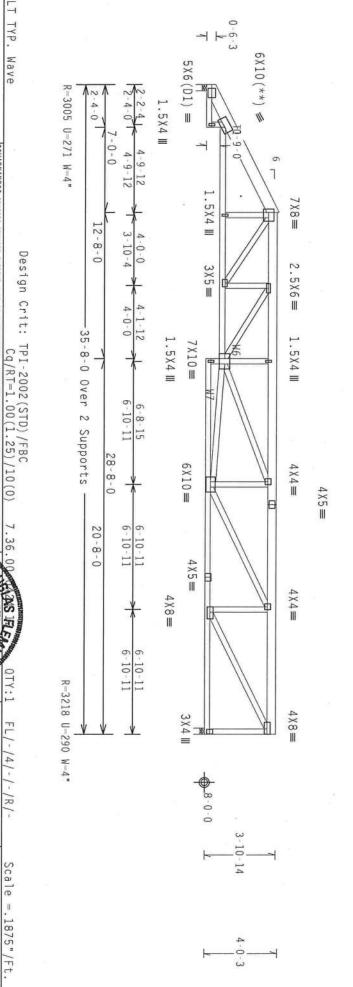
Top Chord: 1 Row Bot Chord: 1 Row Webs: 1 Row

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

Wind reactions based on MWFRS pressures

Right end vertical not exposed to wind pressure.

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



ITW Building Components Group Haines City, FL 33844 FL COA #0 278 ALPINE PLT TYP.

Wave

WARNING RUSSES REDUIRE EXTREME CARE IN FARRICATION. MANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BY TPT (FRUSS PLATE INSTITUTE, ZIPE MORTH LEE STREET, SUITE 325, ALEXANDRIA, VA, Z2314) AND NICA (MORD TRUSS COUNCIL OF AMERICA, 6300 ERREPENS LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNLESS OFHERWISE INDICALED TOP CORDON SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL MAYE

IMPORTANTFURBLES A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARRICATION, HANDLING, SUMPPING, INSTALLING & BRACING OF TRUSSES.

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

CONNECTOR FALTS ARE MADE OF 20/18/166A (M.H/SS/K) ASIN A653 GRADE 40/60 (M. K/H/SS) GALV. STEEL APPLY
PLATES TO EACH FACE OF TRUSS AND. MULTSS OFFICENISL CALED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2,
ANY HISPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1PI1-2002 SEC 3.

A SLAI ON THIS

BRANING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY DESIGN SHOWN. THE SULTABLITY AND USE OF THIS COMPONENT FOR ANY BUILDING DESIGNE PER ANSI/FP I SEC. 2.

ORIOT IE CENS No. 66648 80 DUR.FAC. BC BC TC DL TOT.LD. C SPACING FL/-/4/-/-/R/-SEE 40.0 1.25 10.0 PSF 20.0 PSF 10.0 PSF 0.0 ABOVE PSF PSF DATE REF JREF -SEQN-

DRW HCUSR8228 08190003

07/08/08 93185

Scale =.1875"/Ft. R8228-

HC-ENG

DF / DF 35226

ITJ18228Z02

Bot chord 2x4 SP Hebs 2x4 SP H Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC. Roof overhang supports 2.00 psf soffit load PLT TYP. Laterally brace BC above filler @ 24" O.C. Including a lateral brace at chord ends. See DWGS TCFILLER0207 and BCFILLER0207 for filler details TW Building Components Group 0-6-3 Haines City, FL 33844 FL COA #0 278 ALPINE Wave 1-10-8 #2 Dense #2 Dense #3 5X4(B1) = R-1608 U-146 W-4" **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG. INC. SHALL NOT BE RESPONSIBLE FOR MAY DEPLATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP!; ON FARELCELING. HANDLING. SUPPPIG., INSTALLING & BRACKING OF TRUSSES. DESIGN CONTROLS WITH APPLICABLE PROVISIONS OF 1005 (MATIONAL DESIGN SPEC, BY ATEXA) AND IP! DESIGN CONTROLS ARE MADE OF 20/18/16/CA (P.H.1558) AND ASSOCIATED STREET, BY ATEXA AND AND IP! DESIGN CONTROLS ARE MADE OF 20/18/16/CA (P.H.1558) AND ASSOCIATED STREET, BY ASSOCIATED STREET, BY BRACKING BRACKED BRACKED STREET, BY BRACKING BRACKED STREET, BY BR **WARNING** IRUSSES REDUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFITY HOMENATON), PUBLISHED BY FIT (RBUSS PLATE INSTITUTE, 2218 MORTH LEE STREET, SUITE 322, ALEXANDRIAN, VA, 22314) AND WITCA (NAODO TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFITY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HANGE, MADISON, WI 53719) FOR SAFITY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE HADGE, AND ROTTON CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTON CHORD SHALL HAVE 1.5X4 8-4-0 8-4-0 5 X 8 ≡ Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3X4# 3×5# -0-0 6-5 THIS COMPONENT 6-4-0 25-0-0 35-8-0 Over 2 Supports 3×4≡ 3X4# 13 - 6 - 0SH, POSITION PER DRAWINGS 160A-Z.
DOZ SEC.3. A SEAL ON THIS
SOLELY FOR THE IRUSS COMPONENT
ING IS THE RESPONSIBILITY OF THE 6-5-12 5×5= 3×4≡ 5X5= 5 X 5 = In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 $(\ensuremath{^{**}})$ 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements. Right end vertical not exposed to wind pressure. Wind reactions based on MWFRS pressures. COURSE HE 1.5X4 Ⅲ 1.5X4 Ⅲ 0-11-0 No. 66648 0 ENGINEER MANAGEMENT 3×4₩ 13-10-0 1.5X4 III 4-0-0 4×4≡ 10-8 80 6-11-0 -11-0 DUR.FAC BC BC TC DL SPACING C R=1471 U=132 W=4" TOT.LD. FL/-/4/-/-/R/-2 X 4 ≡ D 4 X 5 # 3 \ 4 \ 40.0 20.0 PSF 1.25 10.0 PSF 10.0 PSF 24.0" 0.0 PSF PSF DATE REF SEQN-JREF -HC-ENG DRW HCUSR8228 08190022 Scale =.1875"/Ft. R8228- 93186 11118228202 DF / DF 35127 07/08/08 11-0

Bot chord 2x4 SP Hebs 2x4 SP Filler 2x4 SP Hebs 2x4 SP #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load

See DWGS TCFILLER0207 and BCFILLER0207 for filler details.

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

Laterally brace BC above filler @ 24" O.C. Including a lateral brace at chord ends.

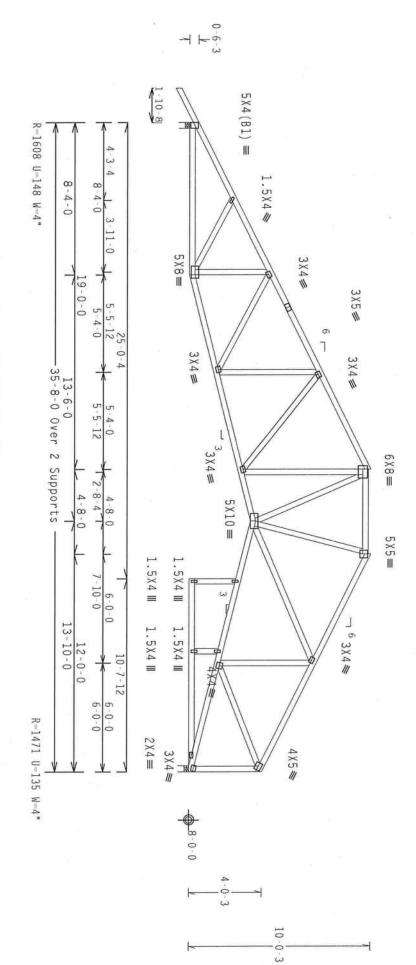
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Laterally brace BC at 24" 0C in lieu of rigid ceiling. Laterally brace BC above filler at 24" 0C.

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



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

PLT TYP.

Wave

WARNING IRUSSES REDUIRE EXISEDE CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPE (TRUSS PLATE INSTITUTE, ZIB MORIH LEE SINEE, SHIFE AIZ, ALEXANDRIA, VA, ZEZIAJA AND NICA (MODO TRUSS COUNCIL O' AMERICA, GOOD ENTERPENS (LANE, MADSON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THEST FUNCTIONS. UNLESS OTHERWISE HOUSEAUTOR TO PERFORMING THEST FUNCTIONS. UNLESS OTHERWISE HOUSEAUTOR TO PERFORMING THE STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

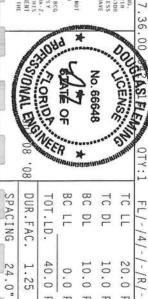
ITW Building Components Group Inc. **IMPORTANT** FORMISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI: OR FARRICATING, HANDLING, SUPPING, INSTALLING & BRACHING OF TRUSSES, DESIGN CONFIDENCE WITH APPLICABLE PROVISIONS OF THIS SEARCH SETCE, BY ATREA AND IPI. THE BCG COMMERCIOR PARTES ARE HADE OF 20/18/16GA (W.HYSSYR) ASTH AGS GRADE 40/60 (W. K/H.SS) GALV. SETLE, APPRY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION FER DRAWHINGS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE FUR ARREY AS OF IPI1-2002 SEC. 3.

BRAHING INDICARTS ACCEPTANCE OF PROFESSIONAL REGIONERING ASSOCIATION SOF IPI1-2002 REC. 3.

BRAHING INDICARTS ACCEPTANCE OF PROFESSIONAL REGIONERING ASSOCIATION SOLERY FOR HEIT HUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI I SEC. 2.

Haines City, FL 33844 FL COA #0 278

ALPINE



	80. 80 SHE TANOISE	TORIOP AND	d SATE OF RAME	************************************		OOU CENS 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- 1TJ18228Z02		SEQN- 35132	HC-ENG DF/DF	DRW HCUSR8228 08190021	DATE 07/08/08	REF R8228- 93187

Scale =.1875"/Ft.

Bot chord t chord 2x4
Webs 2x4
Filler 2x4 SPSP Dense

Roof overhang supports 2.00 psf soffit load

See DWGS TCFILLER0207 and BCFILLER0207 for filler details

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

Laterally brace BC above filler @ 24" O.C. Including a lateral brace at chord ends.

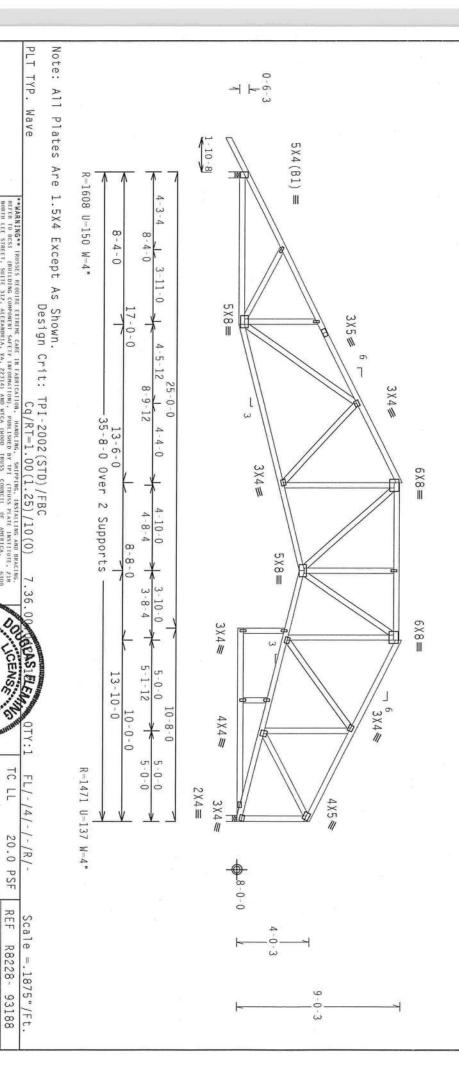
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Laterally brace BC at 24" 0C in lieu of rigid ceiling. Laterally brace BC above filler at 24" 0C.

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



ITW Building Components Group Inc.

IMPORTANTFUBNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN, ANY FAILURE TO BHILD THE TRUSS IN COMPORNANCE WITH IP: OR FARRICATING, MANDLIGG, SUPPIG, INSTALLING & BRACHEG OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROPYISIONS OF DIOS (MATIONAL DESIGN SEEC, BY AREA) AND DEL. I'VE BCC CONNECTION FOR THIS ARE MADE OF 20/18/15/CAG, WILLIES, MAY DESIGN SEEC, BY AREA AND CONTRACTOR PARTIES ARE ASSOCIATED ON THIS DESIGN, POSITION PER DIMAHROS 160A-Z. ANY INSPECTION OF PARTES FOLDWED BY (I) SHALL BE PER MANER AS OR PILLI-2002 SEC, B. ASEAL ON THIS DRAWING 1001A-LES ACCUMENT BY (I) SHALL BE PER MADE AS OR PILLI-2002 SEC, B. ASEAL ON THIS DRAWING 1001A-LES ACCUMENT BY (I) SHALL BE PER MADE AS OR PILLI-2002 SEC, B. BRANCHAS OR PILLI-2004 SEC, B. BRA

SIONAL ENGINEE

80

DUR. FAC.

TOT.LD.

40.0 1.25

PSF PSF PSF

SEQN-

35139

SPACING

24.0"

JREF -

1TJ18228Z02

No. 66648

TC DL TC LL

DATE REF

07/08/08

93188

10.0 10.0 PSF 20.0

DRW HCUSR8228 08190020

0.0

HC-ENG

DF / DF

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

Scale =.1875"/Ft. R8228-

PSF

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING.
BETER TO BEST URULDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPT (TRUSS PLATE MESTIFUTE, 2188
MORTH LEE STREET, SUITE 372. ALEXANDRIA, VA, 22731) AND NICA (MODOD TRUSS COUNCIL OF AMERICA, 6300
UNICAPETSE LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIONS. UNLESS
OTHERWISE HOLGALIED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED REGIO CELLING.

ALPINE

Haines City, FL 33844 FL COA #0.278

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

Bot chord 2x4 SP # Webs 2x4 SP # In lieu of structural panels use purlins to brace all flat IC @ 24" $\,$ 0C. Roof overhang supports 2.00 psf soffit load. PLT TYP. TW Building Components Group Inc. 0-6-3 Haines City, FL 33844 FL COA #0 278 ALPINE Wave **4**1-10-8≥ #2 Dense #2 Dense #3 5X5(B2) = M **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE HITH TPI; OR FARRICATHING, HANDLING, SHEPPIG, HISTALLING & BRACHER OF TRUSSES, WATERA) AND TPI. I'M BCG CONNECTOR THATES ARE MADE OF 20/18/19/2004 (H.1758/27) ASTH ASSO BRADE 40/60 (H. 2/H.58) AGAY. STITL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED BN THIS DESIGN, POSITION PLA BE TRUSS AND. UNLESS OTHERWISE LOCATED BN THIS DESIGN, POSITION PLA BE TRUSS AND. UNLESS OTHERWISE LOCATED BN THIS DESIGN, POSITION PLA BE ANAL ON THIS BESIGN, POSITION PLATES TOLLOWED BY (1) SHALL BE PER ANNEX AS OF TPIT-2002 SEC. 3. A STAL ON THIS BRAHING INDICANTS ACCOMPOSED THE SECRETARY AND THE SULFABILITY AND USE OF THIS COMPORENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE R-1842 U-177 W-4" *****MARNING*** IRUSKI SEGUIRE KYRENE CARL HI FAREICATION, IMARLING, SHIPPING, INSTALLING AND BRACING.
REFER TO GEST GUNIUNG GOMPONENE SKETY HEGMANLOON, PRUBLISHED BY TRI CHUNS PAJE HSSTIULE, 228
MORTH LEE SIREET, SUITE 12. ALEXANDRIA, NA. 22314) AND MEGA (400D TRUSS COUNCIL OF MARRICA,
6300
EMIERRISE LARE, MARISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO EFFORMHUS THESE FUNCTIONS. UNILES
THERRISE LARE, MARISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO EFFORMHUS THESE FUNCTIONS. UNILES
THERRISE LARE, MARISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO EFFORMHUS THESE FUNCTIONS. A PROPERLY ATTACHED RIGID CEILING. 6 7-0-0 7-0-0 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1.5X4 III 4X12 = 21-8-0 Over 2 Supports 3-10-0-1.5X4 Ⅲ 4 X 8 ≡ -8-0 4 X 4 = IIO mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. #1 hip supports 7-0-0 jacks with no webs. -3-10-0-7.36.00 1.5X4 III No. 66648 CENS 08 7-0-0 7-0-0 6 80 BC LL TC DL DUR.FAC. BC TC LL SPACING TOT.LD. FL/-/4/-/-/R/-R=1842 U=177 W=4" 5X5(B2) = SEE 1.25 40.0 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF ABOVE **4**1-10-8**>** PSF DATE REF JREF -SEQN-HC-ENG DRW HCUSR8228 08190001 Scale =.3125"/Ft. 0-6-3 R8228- 93189 1TJ18228Z02 DF / DF 35041 07/08/08 8-0-0

PLT TYP. Bot chord 2x4 SP
Webs 2x4 SP Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Roof overhang supports 2.00 psf soffit load. ITW Building Components Group Inc. 0-6-3 Haines City, FL 33844 FL COA #0 278 ALPINE Wave **4**1-10-8**>** #2 Dense #2 Dense #3 3X4(B1) ≡ **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. IT N BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IP: OR FARRECTION, HANDLING, SHEPPIDE, HISTALLING A BRACHEN FRUSSES, WARPA AND IPI. IT BCG CONNECTED THE ARCHIT APPLICABLE PROVISIONS OF DIDS (MATIONAL DESIGN SPEC, BY ARRA) AND IPI. IT BCG CONNECTED PLATES ARE RADE OF 20/183/160A, (B) H/SSY), ASTH ASS JORAGE 40/50 (B), K/M-SS) GALL STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION POR DRAWHOUS 160A-Z. ANY TASFECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BY PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BE PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BY PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THIS DRAWHOLD INCLUDED BY (I) SHALL BY PER ANNEX AS OF TPIL-2002 SEC.3. A SHAL ON THE PERSON SHALL BY P R-1024 U-103 W-4" 100 ***WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING.
REFER TO GENERAL REGULARIE COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLAKE INSTITUTE, 218
MORTH LEE SIREET, SUITE 127. ALEXANDRIA, NA, 22214) AND WITAC (MODO TRUSS COUNCIL OF AMERICA, 6300
EVERPRYSE LANE, MODISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNILSS
OTHERWISE INJUGATED TOP UNINDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ALTACHED RIGID CEILING. DESIGN SHOWN. THE SUITABILITY BUILDING DESIGNER PER ANSI/TPI 1 6 3-8 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0-10-0 3 X 4 ≡ 21-8-0 Over 2 Supports 4 X 4 ≡ 3 X 4 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. 7.36.00 3 X 4 ≡ 6 CENS 1.5X4 W 10-10-0 3-8 08 DUR.FAC. BC LL BC TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-PL R-886 U=77 W-4" 3X4(B1) = 40.0 PSF 10.0 PSF 20.0 PSF 24.0" 1.25 10.0 PSF 0.0 PSF W SEQN-DATE REF JREF -HC-ENG DRW HCUSR8228 08190032 Scale =.3125"/Ft. R8228- 93190 1TJ18228Z02 DF / DF 35026 07/08/08 5-11

Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 Roof overhang supports 2.00 psf soffit load. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is $1.50.\,$ ITW Building Components Group Inc. 0-6-3 L TYP. Haines City, FL 33844 FL COA #0 278 ALPINE Wave **└**1-10-8> 3X4(B1) = **IMPORTANT** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FALLURE TO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FAREACAING, HANDLING, SHEPPING, HISTALLING A BRACHING OF TRUSSES, FOR AREA AND DFI. IT BUILD COMPORED HITH APPLICABLE PROFISIONS OF RDS. (RATIONAL DESIGN SPEC, BY ARADA, AND DFI. 17 BUILD COMPORTING ARE AND COMPORTING AND HITS DESIGN, POSITION FRE DRAFING 160A-Z, ANY INSPECTION OF PLATES ONLY SHELL APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FRE DRAFING AND HITS SHELD OF PLATES ONLOWED BY A SEAL ON THIS DRAFING THE PLATES OLD OF PLATES ONLOWED. R=1018 U=101 W=4" M **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO SEE (BUILDING COMPORER SAFETY LEBORATION), PUBLISHED BY TPI CHRUSS PLATE INSTITUTE, 218 MORTH LEE STREET, SUITE 312. ALEXANDRIA, VA. 22313 AND TRUCK A (MODO TRUSS COUNCIL DE AMERICA, 6300 ERRESPESS LANE, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FRUCTIONS. BULLSS OFHIGHESE HOLOGATED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PAMELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CELLING. DESIGN SHOWN. THE SUITABILITY AND BUILDING DESIGNER PER ANSI/TPI I SEC. 6 6-4 7-3-8 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 0-10-0 3 X 4 ≡ 21-8-0 Over 2 Supports 4×4= 3 \ 4 ≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 Wind reactions based on MWFRS pressures. 7.36.00 3 \ 4 = CENS STONAL ENGINEE No. 66648 1.5X4 W 0 - 10 - 03-8 80 BC LL BC TC DL TC LL DUR. FAC. SPACING TOT.LD. FL/-/4/-/-/R/-9 R=1018 U=101 W=4" 3X4(B1) = 24.0" 1.25 40.0 PSF 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF W **4**1-10-8**>** REF JREF -SEQN-DATE HC-ENG DRW HCUSR8228 08190023 Scale =.3125"/ft. 0-6-3 R8228- 93191 1TJ18228Z02 DF / DF 35031 07/08/08 5-11-3 8-0-0

Bot chord 2x4 SP # Webs 2x4 SP # PLT TYP. In lieu of structural panels use purlins to brace all flat TC @ 24" $\,$ 0C. Roof overhang supports 2.00 psf soffit load. TW Building Components Group Inc. 0-6-3 Haines City, FL 33844 FL COA #0.278 ALPINE Wave **4**1-10-8**>** #2 Dense #2 Dense #3 3X4(B1) = R=1018 U=103 W=4" W **IMPORTANT**TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN CANY TAILURE TO BUILD THE TRUSS IN COMPORMANCE MITH IP: OR FAREIGATHO, MANDING. SHIPPIG. HISTALLING A BRACHING OF TRUSSES.

DESIGN COMPORES HITH APPLICABLE PROPUSIONS OF HIS DESIGN SPEC, BY ATREA, AND IP!. ITH BCG. CONTRECTOR PLATES ARE MADE OF 20/18/18/CA (H.H/SXX) ASTEM ASS. GAME 40/50 (H.K/H.SX) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND. HINLESS OTHERNISC LOCATED ON HIS DESIGN, POSITION FOR BRAHINGS 1560A-Z. ANY HISPECTION OF FACES FOLLOWED BY (1) SHALL BE FUR AMERY AS OF IP!. 2002 SEC.3. AS AS AS AND THIS DESIGN ACCORDING BY (1) SHALL BE FUR AMERY AS OF IP!. 2002 SEC.3. AS AS COMPORED OF SHORT AND THE SHIFABLLITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNEE PER AMES!/PP! I SEC. 3. **WARNING** IRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BRY THE CRUSS PLATE INSTITUTE, 21M MORTH LEE STREET, SUITE 137, ALEXANDRIA, VA. 221314) AND MICA (MODOD TRUSS COUNCIL OF AMERICA, 6300 ERIFERPAIS LAME, MADISON, NI 55719) FOR SAFETY PRACTICES PRIOR TO PREFERENTIA THESE FUNCTIONS, UNLESS OFHERMISE HOLDENS FROM SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOW CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOW CHORD SHALL HAVE 9 Design Crit: TPI-2002(STD)/FBC Cg/RT=1.00(1.25)/10(0) 1.5X4 ₩ 9-0-0 0-0-6 21-8-0 Over 2 Supports 4 X 4 == 4 X 8 ≡ 3-8-0 3-8-0 3-8-0 3×4≡ 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi (+/-)=0.18 Wind reactions based on MWFRS pressures. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. 5 X 8 = 3 X 4 ≡ 7.36.00 ORIDA IE 4-4-12 CENS No. 666 9-0-0 .5X4 # 9-0-0 80 TC DL B_C BC. TC LL DUR.FAC. SPACING TOT.LD. FL/-/4/-/-/R/-R-1018 U-103 W-4" 3X4(B1) ≡ 24.0" 1.25 40.0 PSF 10.0 PSF 20.0 PSF 10.0 PSF 0.0 PSF \mathbb{Z} **4**1-10-8**>**¹ DATE REF SEQN-JREF -HC-ENG DRW HCUSR8228 08190012 Scale = .3125"/Ft. 0-6-3 R8228-17J18228Z02 DF/DF 07/08/08 35036 S 93192 0 8-0-0

Bot chord 2x4 SP # Webs 2x4 SP # Note: All Plates Are 1.5X4 Except As Shown. PLT TYP. TW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278 THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS. TO BE USED AS A ROOF HIP FRAME. SEE DETAIL HIPFRAME0207 FOR MORE INFORMATION. ALPINE Wave #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH TPI: OR FARRICATING, HANLING, SHEPPING, INSTALLING A BRACHTWO OF TRUSSES, DESIGN CONTROLS WITH APPLICABLE PROPYISIONS OF BMOS (MATIONAL DESIGN SPEC, BY ATERA) AND TPI. THE BCG CONNECTION PRICES ARE PROPYISIONS OF BMOS (MATIONAL DESIGN SPEC, BY ATERA) AND TPI. DESIGN, POSITION PRI DRAWINGS HOW-7, PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PRI DRAWINGS HOW-7, ANY INSPECTION OF PLATES FOLUMED BY (1) SHALL BE PER ARMER XA OF IPII-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL REGISTRETHING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOOM. THE SULTABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, MANDLING, SHIPPING, INSTALLING AND BRACING, METER TO BEST QUITOING COMPONENT SAFETY IMPORATION, D. PUBLISHED BY TPT (TRUSS PLAIE INSTITUTE, ZUB MOBIN LEE STREET, SUITE 312, ALEXANDRA, VA, ZEJAS) AND WICA (1000) TRUSS COUNCIL OF AMERICA, 6300 ERIESPENT LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PHIOR TO PEFFORMING THESE TUNCTIONS, UNLESS OPHERHISE LADICALED FOR CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 4"11 3X4(D1) Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1-10-10 ф 13.42 9-9-4 Over Continuous Support SI II 卣 3 X 4 ≡ Ø Ф 4-10-10 7.36.00 -2-0-0-ON LICENSE 13.42 USIONAL ENGINE ¥1-1-15 ¥ No. 66648 \Box 3X4(D1) = TC DL DUR.FAC. BC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-PL SEE ABOVE 40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF PSF PSF DATE REF SEQN-JREF -HC-ENG DRW HCUSR8228 08190033 Scale R8228- 93193 1TJ18228Z02 DF / DF =.5"/Ft. 07/08/08 35243 9

NOTE: Bot chord 2x4 SP
Webs 2x4 SP Note: All Plates Are 1.5X4 Except As Shown. PLT TYP. TW Building Components Group Inc. 0-0-5 Haines City, FL 33844 FL COA #0 278 THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS. TO BE USED AS A ROOF HIP FRAME. SEE DETAIL HIPFRAME0207 FOR MORE INFORMATION. ALPINE Wave 3X4(D1) =#2 Dense #3 **IMPORTANT***TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BOILD THE TRUSS IN COMPORMANCE WITH IP: OR FAREICACHING, ANDOLDER, SHIPPIUG, HISTALLING & BRACHING OF TRUSSES. THE PROPERTY OF THE PROPE **WARNING.** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO REST. (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2128 NORTH LEE STREET, SHITE 312, ALEXANDRIA, VA, Z2314) AND WICA (1000) TRUSS COUNCIL OF AMERICA, 6300 ERHEAPPLIS LANE, MADISON, MI 55719) FOR SAFETY PRACTICES PRIOR TO PEFFORMING THESE FUNCTIORS. UNLESS OTHERHIS LIDICATED FOR COMODO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE 9-4-7 9-11-12 13.42 Design Crit: 28-6-3 Over Continuous Support ×€2-0-0×€2-0-0×€2-0-0× П TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) SI THE RESPONSIBILITY OF THE DURG IS THE RESPONSIBILITY OF THE DURG IS THE RESPONSIBILITY OF THE 9-9-4 5 € 4 ≦ 7.36.00 3X4# GOUGENS! FLE No. 66648 EN SER 10-6-7 80 13.42 BC LL DUR.FAC. TC DL TC LL SPACING TOT.LD. FL/-/4/-/-/R/-3X4(D1) = SEE ABOVE 1.25 40.0 10.0 20.0 10.0 0.0 PSF 0-0-5 PSF PSF PSF PSF JREF -SEQN-DATE REF DRW HCUSR8228 08190031 HC-ENG Scale = .25"/Ft. R8228- 93194 1TJ18228Z02 DF/DF 07/08/08 35251 10-6-0

Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 PLT TYP. TW Building Components Group Inc. Haines City, FL 33844 FL CQ * 40 778 THIS DESIGN IS NOT TO BE USED AS A ROOF TRUSS. TO BE USED AS A ROOF HIP FRAME. SEE DETAIL HIPFRAME0207 FOR MORE INFORMATION. ALPINE Wave 0-0-5 **IMPORTANT** FURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEPLATION FROM THIS DESIGN ANY FAILURE FO BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FARRICATING, HARDLING, SHIPPIHG, INSTALLING A BRACHEM OF TRUSSES, DESIGN CONFORDS WITH APPLICABLE PROVISIONS OF ROS (MATIONAL DESIGN SPEC, BY WARD) AND IPI. IT DESIGN CONFORDS WITH APPLICABLE PROVISIONS OF ROS (MATIONAL DESIGN SPEC, BY WARD) AGAILY STELL APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWHOS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ARMEX AS OF TRIT-SORD SEC.3. A SEAL ON THIS DRAWING INDICARSE ACCUPANCE IN THE SOLITABLILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE **WARNING** TRUSSES REQUIRE EXTREME CARE IN FARRICATION, INABILING, SHIPPING, INSTALLING AND BRACING, MELER TO BCS1 (BUILDING CHROMEN SAFETY INFORMATION), PHOLISHED BY THI (TRUSS PLAIE INSTITUE, 218 MORTH LEE STREET, SUITE 312, ALEXANDRAL, VA, 22314) AND HTCA (1000) TRUSS CHURCIL OF AMERICA, 6300 ENTERPLIS LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE LADICATED TOP CORDO SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE DESIGN SHOWN. THE SOTTABILITY AND USE OF THIS BUILDING DESIGNER PER ANSI/TPI I SEC. 2. 3X4(D1) III Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 1.5X4 III 1.5X4 Ⅲ 7-6-3 Over Continuous Support -9-1 13.42 占 SI II 3 \ 4 ≡ 1.5X4 Ⅲ 1.5X4 Ⅲ 中 Z 13.42 -9-1 1.5X4 1.5X4 Ⅲ ф Ø 3X4(D1) = 7.36.00 SOUCENSE USIONAL ENGINE No. 66648 80 BC LL TC DL DUR.FAC. BC TC LL SPACING TOT.LD. FL/-/4/-/-/R/-P SEE ABOVE 1.25 40.0 PSF 20.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF JREF -DATE REF SEQN-DRW HCUSR8228 08190002 HC-ENG Scale =.5"/Ft. R8228- 93195 17J18228Z02 DF / DF 35045 07/08/08

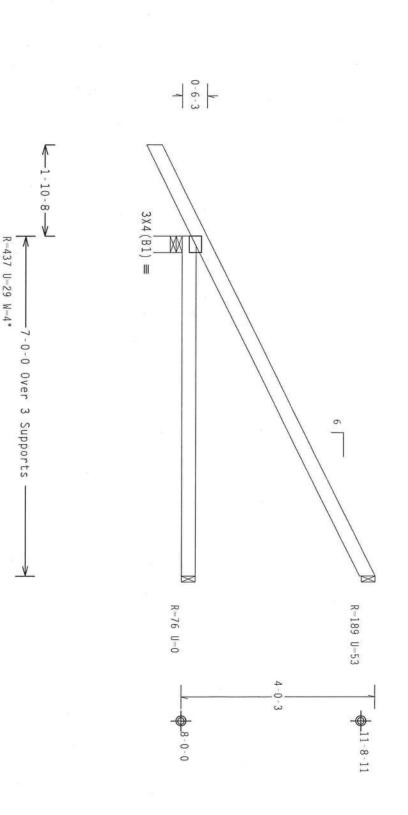
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load

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

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

Wind reactions based on MWFRS pressures.



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

PLT TYP.

Wave

WARNING IRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. RETER TO BEST (DUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY PET (THUSS PLAIE INSTITUTE 218 MOBIL LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NICA (MODO THUSS COUNCIL OF AMERICA, 6300 ENTREPREIS LANE, MADSON, NI 53719) FOR SAFETY PRACTICES PRIOR TO PERSONNING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED FOR GORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT*FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG. HC. SMALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM HIS DESIGN OF SIGNS, ANY TAILURE TO BUILD THE FRUSS IN COMPORANCE HITH IP: OR FAREIGATION, HANDLEG, SHIPPING, HISTALLIGS A BMACHIG OF TRUSSES, OR FAREIA, AND IPI. CITY OF SIGNS OF HDS (GALIONAL DESIGN SPEC, BY AFRYA) AND IPI. ITH BCG. CONNECTION PLATES ARE MADE OF ZO/DESIGAC (HISTACA) CHAINS AND HIS DESIGN POSITION FOR BRANINGS ISOA. L. APPLY DLATES TO EACH FACE OF TRUSS AND. HHLESS OTHERWISE LOCATED ON HIS DESIGN, POSITION FOR BRANINGS ISOA. L. ANY HISTALLITY AND OF PLATES FOLLOWED BY (1) SMALL BE FER ANIXA AS OF TRIT-ZOOZ SEC. 3. A SA ON THIS DESIGN SIGNAL ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR HE TRUSS COMPORTED BESIGN SHOWN.

THE SULFMALLITY AND HIS DESCRIPTION OF THE SULFMALLITY AND HIS DESCRIPTION OF THE RESPONSIBILITY OF THE BUILDING DESCRIPTION OF THE SULFMALLITY AND HIS DESCRIPTION.

TW Building Components Group Inc. Haines City, FL 33844 FL CCA 40 78

ALPINE



JREF -

1TJ18228Z02

SEQN-HC-ENG REF

R8228- 93196

Scale =.5"/Ft.

DATE

07/08/08

DRW HCUSR8228 08190038

DF / DF 34966

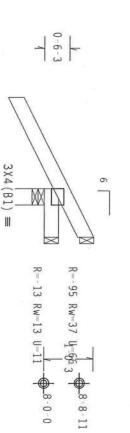
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



1-0-0 Over 3 Supports R=316 U=66 W=4"

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

PLT TYP.

Wave

HARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING, RETER TO BCS! GUILDING COMPONINT SAFETY INFORMATION, PROLITING BY TPT (TRUSS PLATE INSTITUIT, 219 NORTH LET STREET, SUITE 312, ALEXANDRAL, VA, 22314) AND ITCA (MOOD TRUSS COUNCIL OF AMERICA, 6300 CHIEFERS LANE, ANDISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE (BUSTIONS, DRIESS) OFFICENS, INC. ANDISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE (BUSTIONS, DRIESS OFFICENS) ANDISON MALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL MAYE AND ROTTOM CHORD SHALL MAYE PROPERLY ATTACHED STRUCTURAL PARELS AND ROTTOM CHORD SHALL MAYE

IMPORTANTFURBISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN, ANY FAILURE FO BUILD THE TRUSS IN COMPORMANCE WITH IPI; OR FAREROTING, INADULIG, SUPPING, INSTALLING A BRACING OF THUSSES, DESIGN AND IPI. I'M BCG CONNECTOR FALES ARE PROPULICABLE PROVISIONS OF DIDS (MATIONAL DESIGN SPEC, BY AREA), AND IPI. I'M BCG CONNECTOR FALES ARE PROPULATED OF DIDS (MATIONAL DESIGN SPEC, BY AREA), AND IPI. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FER DRAWINGS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANTEX AS OF PILE-2002 SEC. 3. A SEAL ON THIS DRAWING HOLDERS AND COMPOSED OF THE SECONSIBILITY SOLELY FOR THE THAS COMPOSED OF THE SECONSIBILITY OF THE BUILDING DESIGNER PER ANSI/IPI I SEC

ITW Building Components Group Inc. Haines City, FL 33844 FL CO² #0.278

ALPINE



40.0 PSF

SEQN-

34973

HC-ENG DF/DF

10.0 PSF 20.0 PSF

DATE REF

Scale = .5"/Ft.

R8228- 93197 07/08/08

10.0 PSF 0.0 PSF

DRW HCUSR8228 08190037

Bot chord 2x4 SP Webs 2x4 SP Hipjack supports 7-0-0 setback jacks with no webs. Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. PLT TYP. ITW Building Components Group Inc. 0-5-15 Haines City, FL 33844 FL CO^A 40 278 ALPINE Wave #2 Dense #2 Dense #3 **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEVIATION FROM THIS DESIGN ANY FAILURE FOR BUILD THE TRUSS IN COMPORMANCE WITH FPI; OR FAREACTING, HANDLING, SHEPPIG, INSTALLING A BRACHE OF TRUSSES, DESIGN CONTROLATION, AND LIGHT PROPULSIONS OF AND SHALLING A BRACHE OF TRUSSES, DESIGN CONTROLATED FAILTS ARE HADE OF ZOLDAY FORCE, AVAILABLE, CHAILDRAY DESIGN, POSITION FOR DEATH AND LIGHT PROPULSIONS OF THIS DESIGN, POSITION FOR DRAWINGS 160a A. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL SE FOR ARE X AS OF THIS DESIGN, POSITION FOR DRAWINGS 160a A. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL SE FOR ARE X AS OF THIS DESIGN, POSITION FOR THE SUSTINGLIBED FOR THE SECONSIBILITY SOLELY FOR THE TRUSS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BESIGN SHOWN. **WARNING** RUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI. QUILDING COMPONENT SAFETY REGENATION, D. PUBLISHED BY FPT (FBISS PLATE HESTIPLIE, 218 MORTH LE STREE, SUITE 32. ALEXANDRIA, VA, 22314) AND MICA (MODOD TRUSS COUNCIL OR AMERICA, 6300 CHRESPISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING HISSE FUNCTIONS. UNLESS OTHERMISE HOLDICATED TOP CORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 3X4(B1) R-519 U-67 W-5.657" \mathbb{M} Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 4.24 ┌ 9-10-13 Over 3 Supports Wind reactions based on MWFRS pressures. 110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, Iw=1.00 GCpi(+/-)=0.18 7.36.00 4-9-9 ORIONAL BUGINE 3 \ 4 ≡ 80 BC LL BC DL TC DL DUR.FAC. TC LL SPACING TOT.LD. FL/-/4/-/-/R/-R-340 U-0 R-269 U-78 SEE ABOVE 1.25 20.0 PSF 40.0 PSF 10.0 PSF 10.0 PSF 0.0 PSF 3-11-15 8-0-0 DATE JREF -SEQN-DRW HCUSR8228 08190034 HC-ENG Scale =.5"/Ft. R8228- 93198 1TJ18228Z02 DF / DF 07/08/08 35009

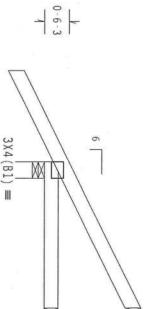
Bot chord 2x4 SP #2 Dense

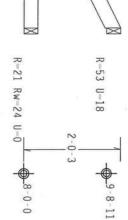
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.







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

7.36.00

PLT TYP.

Wave

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

REFER TO BEST (BUILDING COMPONENT SAFETY IMPORATION), PUBLISHED BWY FIT (FRUSS PLATE INSTITUTE, 2188

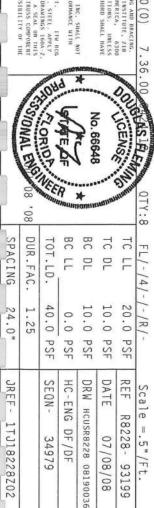
NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND MICA (MOOD TRUSS COUNCIL OF AMERICA, 6300

ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORNING THESE FUNCTIONS. UNLESS
OTHERWISE LIDICIALETO FOR COMED SMALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SMALL HAVE
A PROPERLY ATTACHED RIGID CEILING.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR MAY DEFIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORNANCE WITH IPI: OR FARREACTING, HABILING, SURPPING, INSTALLING & BRACING OF TRUSSES, WATER) AND IPI. ITW BCG DESIGN COMPGENS WITH APPLICABLE PROPISSIONS OF BUS (MATIONAL DESIGN SECE, S. WATER) AND IPI. ITW BCG COMMERCIOR PLATES ARE MADE OF 20/18/16/36 (M.H/SS/N) ASTH A653 GRADE 40/60 (M. K/M.SS) GALV. STELL APPLY PLATES TO EACH FACE OF THUSS AND. UNLESS OTHERSISE LOCATED ON THIS DESIGN, POSITION OF BE DRAFFING THE ACCURATE AND THIS DESIGN, POSITION OF BE DRAFFING THE ACCURATE AND THIS DESIGN SHOULD BE COMPOSED THE ACCURATE ACCU DESIGN SHOHN. THE SUITABILITY AND USE OF THIS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

ALPINE



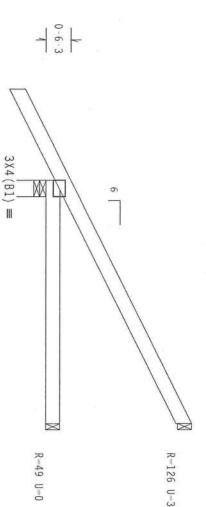
Bot chord 2x4 SP #2 Dense

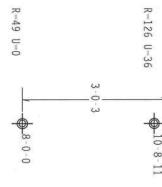
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.







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

PLT TYP.

Wave

WARNING TRUSSES REQUIRE EXTREME CARE IN FARRICATION, IMADELING, SHIPPING, INSTALLING AND BRACING, REFER TO BESS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (FRRSS PLATE INSTITUTE, 278 MORTH LEE STREET, SHIPE SIZ, ALEXANDRIA, VA, 22214) AND NICA (MORD TRUSS COUNCIL OF MERICA, 6300 ENTERPRISE LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS DIMERSHIP INFORMATION OF CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE

IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEPLATION FROM THIS DESIGN, ANY FAILURE TO WHILD THE TRUSS IN COMPORMANCE WITH IP!; OR FARRICATING, ANNOLING, SUPPING, INSTALLING A BRACHIG OF TRUSSES, AT APA AND IP!. IH BCG CONNECTION FAIRT APPLICABLE PROVISIONS OF MIDS (MATIONAL DESIGN SPEC, BY ATRA) AND IP!. IH BCG CONNECTION FAIRTS ARE NAME OF 2011BJACAGA (M.H.USYA) ASTH ASSA GRADE 40/00 (M. K.M.SSA) GALV. STEEL, APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION FOR BRAHINGS 160A-Z, ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER AMERY AS OF 1911-2002 SEC. J. A SLAL ON THIS DRAHINGS HOLGHES ACCUMPANT AND USE OF THIS COMPONENT FOR ANY DATE THE SECONSIBILITY OF THE BUSS COMPONENT.

Haines City, FL 33844
FL COA #0.778

BUILDING DESIGNER PER ANSI/TPI I SEC.

ALPINE



SEQN-

34983

HC-ENG DF/DF

DRW HCUSR8228 08190035

JREF -

1TJ18228Z02

REF

07/08/08

Scale = .5"/Ft.

R8228- 93200

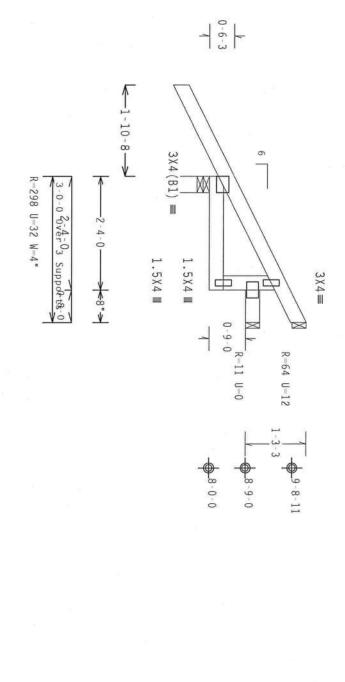
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load

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

Wind reactions based on MWFRS pressures.

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



2-0-3

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

7.36.00

GOUGLAS FLE

TC LL

20.0

PSF

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

Scale = .5"/Ft.

R8228- 93201

TC DL

10.0 PSF

DATE REF

07/08/08

DRW HCUSR8228 08190028

No. 66648

PLT TYP. Wave

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

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

ALPINE

A PROPERLY AFTACHED RIGID CEILING.

ORIO PIER 80 BC LL BC DL DUR.FAC. SPACING TOT.LD. 40.0 24.0" 1.25 10.0 PSF 0.0 PSF PSF

SEQN-

HC-ENG

DF / DF 34987

JREF -

1TJ18228Z02

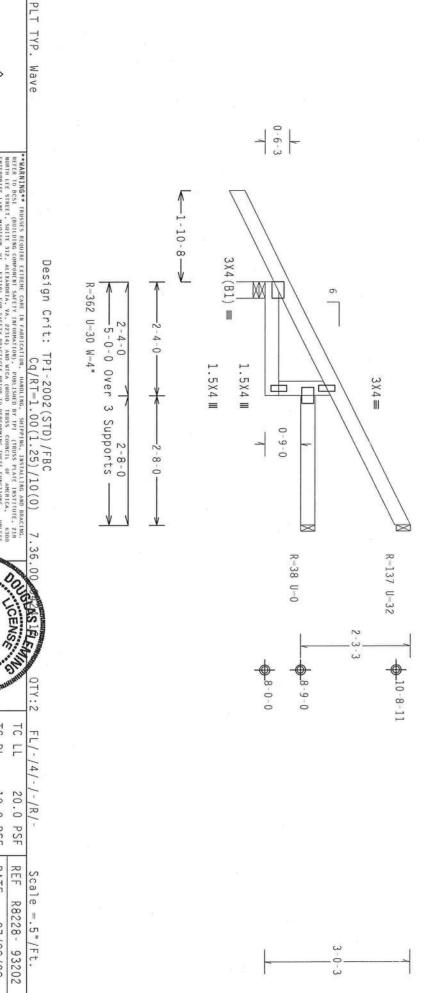
Bot chord 2x4 SP # Webs 2x4 SP # #2 Dense #2 Dense #3

Roof overhang supports 2.00 psf soffit load.

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

Wind reactions based on MWFRS pressures.

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



TW Building Components Group Inc. Haines City, FL 33844 FL CQ x 40.778

ALPINE

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC. SHALL NOT BE RESPONSIBLE FOR NAY DEVIATION FROM THIS DESIGN, ANY FAILURE TO MULTO THE TRUSS IN COMPORMANCE WITH IP: OR FARRICATING, MANUFULG, SUPPING, HISTALLING & BRACILING OF TRUSSES, OR FARRICATING, MANUFULG, SUPPING, HISTALLING & BRACILING SPEC, BY AFRAN AND IP!. ITH MCG COMMICTION FLATES, ARE MADO OR 20/18/18/66, UAJUSSES, ASTAN ASSO GRADE 40/50 (M. K/H.SS) GAVE. STEEL, APPLY THAT'S TO EACH FACE OF TRUSS AND, MILES OFFICHINGS OF MUST CONTROL THIS DESIGN. FORSITION FOR BRAIDING SHOW, AS AND THE TRUSS OFFICHINGS OF MUST CONTROL THIS DESIGN. FORSITION FOR BRAIDINGS HOAD AS AND THIS DESIGN. FOR THE TRUSS COMPONENT DISTRIBUTED TO BE ADMINISTRATED.

DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ANY BUILDING IS THE RESPONSIBILITY OF

SSIONAL ENGINE

80

DUR.FAC. SPACING

24.0" 1.25

JREF -

1TJ18228Z02

TOT.LD.

40.0

SEQN-

HC-ENG

DF / DF 34991

DRW HCUSR8228 08190029

BC LL BC DL

No. 6664

TC DL TC LL

10.0 PSF 10.0 PSF 0.0 PSF PSF

> DATE REF

07/08/08

20.0

PSF

R8228- 93202

HARNING TRUSSES REQUIRE LYREME CARE IN FARRICATION, HANDLING, SHIPPING, HISTALLING AND BRACING.
RETER TO BCS! (BUILDING COMPONENT SAFETY INFORMATON), PUBLISHED BY FFT (TRUSS PLATE HISTITUTE, 218
MORTH LEE STREET, SUITE 317. ALEXANDRIA, VA, 22314) AND WICA (MOOD TRUSS COUNCIL OF AMERICA, 6300
ENTERPRISH LANE, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PEFFORNHIG THESE FUNCTIONS. UNLESS
OFFICHAISE HOLDCALED OF CORRES MALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE
A PROPERLY ATTACHED RIGID CELLING.

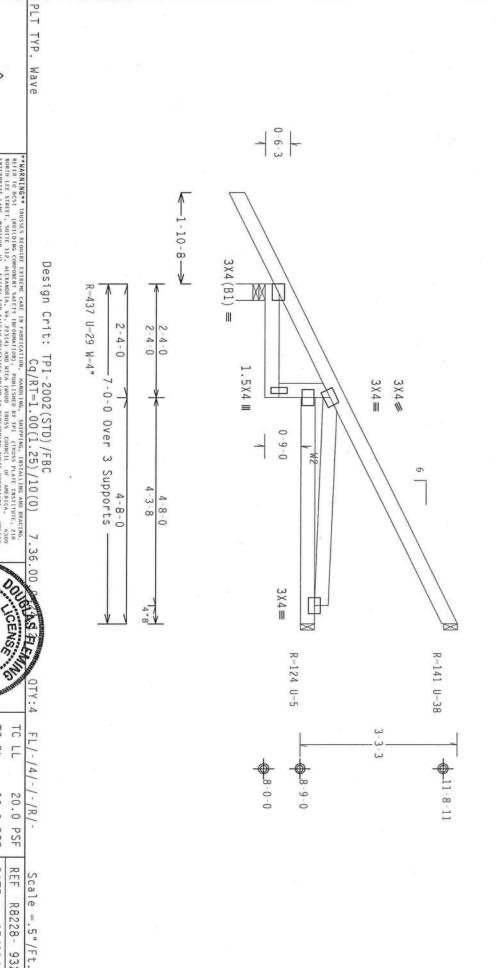
Bot chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #2 Dense :W2 2x4 SP #3:

Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

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

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



ITW Building Components Group Inc. Haines City, FL 33844 FL CC * #0 778

ALPINE

SONAL BUGINE

80

DUR.FAC. SPACING

24.0" 1.25

JREF -

1TJ18228Z02

TOT.LD.

40.0

SEQN-

34995

HC-ENG DF/DF

No. 66648

10.0 PSF 20.0 PSF

DATE

07/08/08

REF

R8228- 93203

10.0 PSF 0.0 PSF PSF

DRW HCUSR8228 08190018

*

BC LL BC DL TC DL TC LL

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

WARNING RUSSES REDURE EXTREME CARE IN FARRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING, RECER TO BCST. (BUILDING COMPORENT SAFETY INFORMATION), PUBLISHED BY THE CRUSS PLATE INSTITUIT, 21M MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND WICA (4000 TRUSS COUNCIL OF AMERICA, 6300 ERREPORTSE LANG, MADISON, HI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS, UNLESS OTHERWISE INFORMATION OF THE SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS, UNLESS OTHERWISE INFORMATION OF THE SAFETY PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE

Top chord 2x4 SP #2 Dense Bot chord 2x4 SP #2 Dense Webs 2x4 SP #3 Hipjack supports 7-0-0 setback jacks with no webs. É PLT TYP. (**) 1 PLATE HAS BEEN REPOSITIONED. SPECIAL POSITIONING REQUIRED. ITW Building Components Group Inc. 0-5-15 Continuous lateral bracing equally spaced on member. Haines City, FL 33844 FL CO's #0 278 ALPINE Wave **IMPORTANT**FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THA BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN COMPORMANCE WITH IPI: OR FARRICATHO, INABULUR, SHAPPING, INSTALLING A BRACHING OF TRUSSES, DESIGN COMPORENT HIT APPLICABLE PROVISIONS OF DDS (MATIONAL DESIGN SPEC, BY AREA'S) AND TRI. PROVISIONS OF DDS (MATIONAL DESIGN SPEC, BY AREA'S) AND TRIS. DESIGN COMPORTED IN THE SECOND PROVISION OF THE SPEC, BY AREA'S TO EACH FACE OF TRUSS AND. BUILESS OTHERWISE LOCATED ON THIS DESIGN. POSITION PER DAMANGE SHOW. 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE FOR RATHEX AS OF THIT 2002 SEC. 3. A SLAA ON THIS DRAINING INDICATES ACCEPTANCE OF FORESSTORAL REPORTSHILLTY SOLELY FOR THE TRUSS COMPORENT DESIGN SHOWN. THE SHITANTLITY AND DESIGN SHOWN. THE SHITANTLITY AND DESIGN SHOWN. **WARNING** TRUSSES REDUIRE EXTREME CARE IN FARRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST. (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY THE CYBUSS PLATE INSTITUTE, ZIEM MORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, Z2314) AND NICA (MOOD THUSS COUNCIL OF AMERICA, 6300 ENTREPORTS LANE, MADISON, HI 55719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE TUNCTIONS. UNLESS OPHERMISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PARELS AND BOTTOM CHORD SHALL HAVE BUILDING DESIGNER PER ANSI/TPT 1 SEC. 2. 3X4(B1) = \mathbb{W} R=512 U=65 W=5.657" 2-0-6 2-0-6 Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 3-3-10 3 \ 4 ≡ 3X4 ≤ 1-3-4 3 X 4 ≤ 1.5X4 III 5X8(**) = 9-10-13 Over 3 Supports 0-9-0 4.24 [110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf, Iw-1.00 GCpi(+/-)-0.18 Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50. Wind reactions based on MWFRS pressures. 6-2-11 7.36.00 (A) M Soughas I FLE SIONAL ENGINEER CENSE lo. 66648 2.5X6 = 80 BC LL BC DL TC DL TC LL DUR.FAC. SPACING TOT.LD. R=281 U=0 R-330 U-90 FL/-/4/-/-/R/-SEE ABOVE 40.0 20.0 1.25 10.0 PSF 10.0 PSF 0.0 PSF 2-15 PSF PSF 8-0-0 ₩8-9-0 REF JREF -SEQN-DRW HCUSR8228 08190030 DATE HC-ENG Scale =.5"/Ft. R8228- 93204 17J18228Z02 DF / DF 35020 07/08/08

Residential System Sizing Calculation

Summary Project Title:

Rossin Residence NW Rossin Ct, Lake City, FL 32055Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

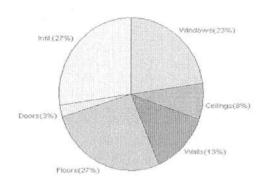
5/20/2008

Location for weather data: Gaine: Humidity data: Interior RH (50%			itude(29) Altitude(152 ft.) Temp Range	e(M)	
Winter design temperature	33		Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	29742	Btuh	Total cooling load calculation	24791	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	114.3	34000	Sensible (SHR = 0.75)	128.8	25500
Heat Pump + Auxiliary(0.0kW)	114.3	34000	Latent	170.1	8500
			Total (Electric Heat Pump)	137.1	34000

WINTER CALCULATIONS

Winter Heating Load (for 1856 sqft)

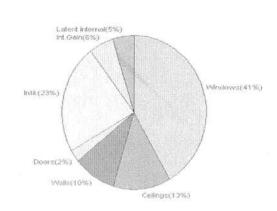
Load component			Load	
Window total	211	sqft	6802	Btuh
Wall total	1185	sqft	3891	Btuh
Door total	60	sqft	777	Btuh
Ceiling total	1958	sqft	2307	Btuh
Floor total	182	sqft	7946	Btuh
Infiltration	198	cfm	8019	Btuh
Duct loss			0	Btuh
Subtotal			29742	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			29742	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1856 sqft)

Load component			Load	
Window total	211	sqft	10262	Btuh
Wall total	1185	sqft	2386	Btuh
Door total	60	sqft	588	Btuh
Ceiling total	1958	sqft	3243	Btuh
Floor total			0	Btuh
Infiltration	104	cfm	1934	Btuh
Internal gain			1380	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			19792	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			3798	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occup	ants/othe	r)	1200	Btuh
Total latent gain			4998	Btuh
TOTAL HEAT GAIN			24791	Btuh



ACC FO

For Florida residences only

EnergyGauge® System Sizing PREPARED BY:

DATE: 5-20-08

1-08 June

EnergyGauge® FLR2PB v4.1

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Rossin Residence NW Rossin Ct, Lake City, FL 32055Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

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

5/20/2008

Component Loads for Whole House

	T				
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btu
2	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btu
3	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btu
4	2, Clear, Metal, 0.87	NW	60.0	32.2	1931 Btu
5	2, Clear, Metal, 0.87	NE	4.0	32.2	129 Btu
6	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btu
7	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btu
8	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btu
9	2, Clear, Metal, 0.87	SW	4.0	32.2	129 Btu
	Window Total		211(sqft)	8000000	6802 Btu
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1037	3.3	3405 Btu
2	Frame - Wood - Adj(0.09)	13.0	148	3.3	486 Btu
	Wall Total		1185		3891 Btu
Doors	Туре		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btu
2	Insulated - Exterior		20	12.9	259 Btu
3	Insulated - Exterior		20	12.9	259 Btu
O.	Door Total		60	12.0	777Btu
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1958	1.2	2307 Btu
	Ceiling Total	00.0	1958	1.22	2307Btu
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	182.0 ft(p)	0.0000000000000000000000000000000000000	7946 Btu
	Floor Total	V	182	10.1	7946 Btu
	Triodi Total		102		7040 Btd
		2	Zone Envelope :	Subtotal:	21723 Btu
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	14848	198.0	8019 Btu
Ductload	Average sealed, R6.0, Supp	oly(Attic), Retu	rn(Attic)	(DLM of 0.00)	0 Btu
Zone #1	i)	Sen	sible Zone Sub	ototal	29742 Btu

Manual J Winter Calculations

Residential Load - Component Details (continued)
Project Title: Class

Rossin Residence NW Rossin Ct, Lake City, FL 32055-

Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

		 5/20/2008
WHOLE HOUSE TOTALS		
	Subtotal Sensible Ventilation Sensible	29742 Btuh 0 Btuh
	Total Btuh Loss	29742 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Rossin Residence NW Rossin Ct, Lake City, FL 32055-

Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

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

5/20/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
2	2, Clear, Metal, 0.87	NW	30.0	32.2	966 Btuh
3	2, Clear, Metal, 0.87	W	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	NW	60.0	32.2	1931 Btuh
5	2, Clear, Metal, 0.87	NE	4.0	32.2	129 Btuh
6	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
7	2, Clear, Metal, 0.87	SE	13.3	32.2	428 Btuh
8	2, Clear, Metal, 0.87	SE	30.0	32.2	966 Btuh
9	2, Clear, Metal, 0.87	SW	4.0	32.2	129 Btuh
	Window Total		211(sqft)		6802 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1037	3.3	3405 Btuh
2	Frame - Wood - Adj(0.09)	13.0	148	3.3	486 Btuh
	Wall Total		1185		3891 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		20	12.9	259 Btuh
1000	Door Total		60		777Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1958	1.2	2307 Btuh
	Ceiling Total		1958	17.65	2307Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	182.0 ft(p)	43.7	7946 Btuh
	Floor Total		182	374,374,374,074	7946 Btuh
		Zone Envelope Subtotal:			21723 Btuh
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.80	14848	198.0	8019 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				29742 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Rossin Residence NW Rossin Ct, Lake City, FL 32055Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

WHOLE HOUSE TOTAL	.S	5/20/2008
		00740 D. I
	Subtotal Sensible Ventilation Sensible	29742 Btuh 0 Btuh
	Total Btuh Loss	29742 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Rossin Residence NW Rossin Ct, Lake City, FL 32055Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

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

5/20/2008

Component Loads for Whole House

	Type*	Type* O		hang	Win	dow Area	a(sqft)	H	HTM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None, N, N	NW	8ft.	5.5ft	20.0	0.0	20.0	29	60	1201	Btuh
2	2, Clear, 0.87, None, N, N	NW	8ft.	5.5ft	30.0	0.0	30.0	29	60	1801	Btuh
3	2, Clear, 0.87, None, N, N	W	8ft.	5.5ft	20.0	20.0	0.0	29	80	579	Btuh
4	2, Clear, 0.87, None, N, N	NW	1.5ft	5.5ft	60.0	0.0	60.0	29	60	3602	Btuh
5	2, Clear, 0.87, None, N, N	NE	1.5ft	1.5ft	4.0	0.0	4.0	29	60	240	Btuh
6	2, Clear, 0.87, None, N, N	SE	7ft.	5.5ft	30.0	30.0	0.0	29	63	869	Btuh
7	2, Clear, 0.87, None, N, N	SE	7ft.	7.33	13.3	13.3	0.0	29	63	385	
8	2, Clear, 0.87, None, N, N	SE	1.5ft	5.5ft	30.0	12.1	17.9	29	63	1468	Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft	1.5ft	4.0	4.0	0.0	29	63		Btuh
	Window Total				211 (10262	Btuh
Walls	Туре		R-Va	alue/U	-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/	0.09	1110,000,000	36.7		2.1	2162	
2	Frame - Wood - Adj			13.0/	0.09	14	8.0		1.5	223	Btuh
	Wall Total					118	5 (sqft)			2386	Btuh
Doors	Туре						(sqft)		HTM	Load	
1	Insulated - Adjacent					20	0.0		9.8	196	Btuh
2	Insulated - Exterior					20	0.0		9.8		Btuh
3	Insulated - Exterior					20	0.0		9.8	196	Btuh
	Door Total					6	(sqft)				Btuh
Ceilings	Type/Color/Surface		R-Va	alue			(sqft)		HTM	Load	
1	Vented Attic/DarkShingle			30.0		195	0.8		1.7	3243	Btuh
	Ceiling Total						8 (sqft)			3243	
Floors	Type		R-Va	alue			ze		HTM	Load	
1	Slab On Grade			0.0		18	32 (ft(p))		0.0	0	Btuh
	Floor Total			27/11/27			0 (sqft)				Btuh
	1 Tool Total					102.	0 (3411)				Dian
						Z	one Enve	elope Su	ibtotal:	16478	Btuh
nfiltration			Α	СН			e(cuft)		CFM=	Load	
	SensibleNatural		_	0.42		148			103.9	1934	Btuh
Internal		(Occup	pants			cupant	F	Appliance	Load	
gain				6		X 23	0 +		0	1380	Btuh
Duct load	Average sealed, R6.0, S	Supply(Attic),	Retu	rn(Attic)		DGM	= 0.00	0.0	Btuh
							Sensib	le Zone	Load	19792	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Rossin Residence NW Rossin Ct, Lake City, FL 32055-

Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

5/20/2008

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	19792	Btuh
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	19792	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	19792	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	3798	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	4998	Btuh
	TOTAL GAIN	24791	Btuh

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

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

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

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

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

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

(Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details
Project Title: Class 3

Rossin Residence NW Rossin Ct, Lake City, FL 32055-

805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

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

5/20/2008

Component Loads for Zone #1: Main

	Type*		Over	hang	Win	dow Area	(sqft)	+	HTM		
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None, N, N	NW	8ft.	5.5ft	20.0	0.0	20.0	29	60	1201	Btuh
2	2, Clear, 0.87, None, N, N	NW	8ft.	5.5ft	30.0	0.0	30.0	29	60	1801	Btuh
3	2, Clear, 0.87, None, N, N	W	8ft.	5.5ft	20.0	20.0	0.0	29	80	579	Btuh
4	2, Clear, 0.87, None, N, N	NW	1.5ft	5.5ft	60.0	0.0	60.0	29	60	3602	Btuh
5	2, Clear, 0.87, None, N, N	NE	1.5ft	1.5ft	4.0	0.0	4.0	29	60	240	Btuh
6	2, Clear, 0.87, None, N, N	SE	7ft.	5.5ft	30.0	30.0	0.0	29	63	869	Btuh
7	2, Clear, 0.87, None, N, N 2, Clear, 0.87, None, N, N	SE SE	7ft. 1.5ft	7.33 5.5ft	13.3	13.3 12.1	0.0 17.9	29 29	63 63	385 1468	Btuh
9	2, Clear, 0.87, None,N,N	SW	1.5ft	1.5ft	4.0	4.0	0.0	29	63		Btuh
3	Window Total	SVV	1.010	1.511	211 (0.0	25	03	10262	
Walls	A STATE OF THE PARTY OF THE PAR		D W	alua/L	-Value		o oft)		HTM		Blun
	Type		M-V				5			Load	
1 2	Frame - Wood - Ext Frame - Wood - Adi			13.0/		103			2.1	2162	Btuh
2	H. H. J. J. B. T. H. J. B. J. J. B. J. J. B. J. J. B. J. B			13.0/	0.09	148			1.5		Btuh
_	Wall Total		1185 (sqft)		2386 Btuh						
Doors	Туре					Area	(sqft)		HTM	Load	
1	Insulated - Adjacent					20			9.8	196	Btuh
2	Insulated - Exterior					20.0			9.8	196	Btuh
3	Insulated - Exterior					20.0			9.8		Btuh
	Door Total					60 (sqft)				588	Btuh
Ceilings	Type/Color/Surface		R-Va	alue		Area(sqft)		HTM	Load	
1	Vented Attic/DarkShingle			30.0		195	8.0		1.7	3243	Btuh
	Ceiling Total					195	8 (sqft)		0.0000	3243	Btuh
Floors	Туре		R-Va	alue		Siz			HTM	Load	
1	Slab On Grade			0.0		18	2 (ft(p))		0.0	0	Btuh
	Floor Total						0 (sqft)		170.77		Btuh
	1 toor 1 otal					102.	o (aqit)			U	Dian
						Zo	ne Enve	elope Su	ibtotal:	16478	Btuh
nfiltration	Type		Δ	CH		Volume	e(cuft)		CFM=	Load	
	SensibleNatural			0.42		148			103.9	1934	Btuh
Internal		(Occup	ants		Btuh/oc	cupant	F	Appliance	Load	
gain				6		X 230	+ C		0	1380	Btuh
Duct load	Average sealed, R6.0, S	Supply(Attic),	Retu	rn(Attic)		DGM	= 0.00	0.0	Btuh
							Sensib	le Zone	Load	19792	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Rossin Residence NW Rossin Ct, Lake City, FL 32055-

Project Title: 805201EdgleyConstruction Class 3 Rating Registration No. 0 Climate: North

5/20/2008

WHOLE HOUSE TOTALS

1		1	
	Sensible Envelope Load All Zones Sensible Duct Load	19792	Btuh Btuh
	Total Sensible Zone Loads	19792	
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	19792	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	3798	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	4998	Btuh
	TOTAL GAIN	24791	Btuh

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

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

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

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

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

(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

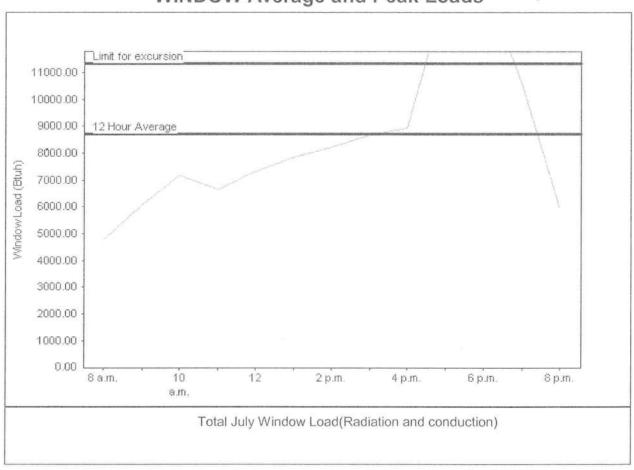
Rossin Residence NW Rossin Ct, Lake City, FL 32055Project Title: 805201EdgleyConstruction

Class 3 Rating Registration No. 0 Climate: North

5/20/2008

Weather data for: Gainesville - Def	aults			
Summer design temperature	92	F	Average window load for July	8710 Btuh
Summer setpoint	75	F	Peak window load for July	14223 Btu
Summer temperature difference	17	F	Excusion limit(130% of Ave.)	11323 Btu
Latitude	29 1	North	Window excursion (July)	2900 Btuh

WINDOW Average and Peak Loads



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

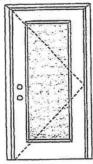
EnergyGauge® System Sizing for Florida residences only

PREPARED BY:

EnergyGauge® FLR2PB v4.1

MANUAL S

APPROVED ARRANGEMENT:



Note: Units of other sizes are covered by this report as long as the panel used does not exceed 3'0" x 6'8".

Single Door unit size = 3'0" x 6'8"

Design Pressure +40.5/-40.5

ial threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0001-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0001-02.

APPROVED DOOR STYLES:

1/4 GLASS:





133, 135 Series







1/2 GLASS:











12 R/L, 23 R/L, 24 R/L







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

CERTIFIED TEST REPORTS:

NCTL 210-1905-7, 8, 9, 10, 11, 12; NCTL 210-1867-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Mlami-Dade BCCO PA201, PA202 and PA203.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCD PA201, PA202 & PA203

COMPANY NAME

To the best of my knowledge and ability the above side-binged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer Kurt Balthazor, P.E. - License Number 56533 The second second

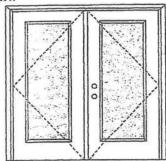
Teal Dern Review Certificate #2025047A and ODP/Text Region Validation Malbix 423726477-007 provides additional information - evelulatio from the ITSAMN website (even-dissenten.com), the Messante website known construction



June 17, 2002
Our common of product implement makes specifications, dealer and product comit public the change without notice.



APPROVED ARRANGEMENT:



P/Test Report Validation Matrix 147A-001 provides additional ation - available from the ITS/WH

Note:

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

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

Design Pressure +40.5/-40.5

cial threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES: 1/4 GLASS:













1/2 GLASS:





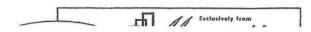




12 R/L, 23 R/L, 24 R/L







^{&#}x27;This glass kit may also be used in the following door styles: 5-panel; 5-panel with scroll; Eyebrow 5-panel; Eyebrow 5-panel with scroll.

APPROVED DOOR STYLES: 3/4 GLASS:







FULL GLASS:











CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PA202

> COMPANY NAME CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer Kurt Balthazor, P.E. – License Number 56533 Warnock Hersey

Test Data Review Cartificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - evaluable from the ITS/WH website (www.etisemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Johnson[®] EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product interactions and product in program of productions and productions are producted to program without police.



Exclusively from

Masonite International Corporation

2

APPROVED DOOR STYLES:

3/4 GLASS:







FULL GLASS:











APPROVED SIDELITE STYLES:





















CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab and sidelite panels glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PA202

COMPANY NAME

CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer Kurt Balthazor, P.E. - License Number 56533

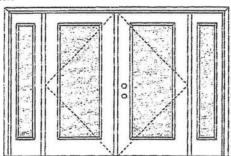


Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-001 provides additional information - available from the ITS/WH website (www.etlsemko.com), the Masonite website (www.masonit. or the Masonite technical center. nite.com)

Johnson

I / / Farlinduals from

APPROVED ARRANGEMENT:





Test Data Review Certificate #3028447A and COP/Test Report Validation Matrix #3028447A-001 provides additional Information - available from the ITS/WH website (www.etisemko.com), the Masonite website (www.masonile.com) or the Masonite technical center.

Note:

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

Double Door with 2 Sidelites

Design Pressure

+40.5/-40.5

rater unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0005-02 or MAD-WL-MA0008-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed - see MID-WL-MA0005-02.

APPROVED DOOR STYLES: 1/4 GLASS:

















1/2 GLASS:





106, 160 Series







12 R/L, 23 R/L, 24 R/L







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

APPROVED DOOR STYLES:

3/4 GLASS:







FULL GLASS:











CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9, 10, 11, 12; NCTL 210-1861-4, 5, 6, 10, 11, 12; NCTL 210-2185-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report NCTL-210-2794-1

Door panels constructed from 26-gauge 0.017," thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN ACCORDANCE WITH MIAMI-DADE BCCO PA202

> COMPANY NAME CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

State of Florida, Professional Engineer Kurt Balthazor, P.E. – License Number 56533 Warnook Hersey

Test Data Review Certificate #3028447A and COP/Test Report Validation Matrix #3028447A-OUT provides additional information - available from the TTSAVH website (www.elsemko.com), the Masonite veebsite (www.masonite.com) or the Masonite technical certier.

Johnson EntrySystems

June 17, 2002
Our continuing program of product improvement makes specifications, design and product debit subject to change without notice.



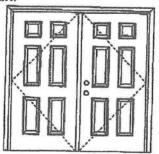
Exclusively from

Masonite International Corporation

2

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

APPROVED ARRANGEMENT:



Borrock Horsey

Test Dola Roviau Certifiche #3026447n and CDP/Test Report Valleation Marini #3020447A-001 provides editional monthlide - available from the TIS/WH vectoris everbeller (conventagement), the Materials website (vovermagness, corn) or the Materials contin.

Donple Door

Design Pressure

+45.0/-45.0 Emiliant water unless esectal threshold design is about

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

Actual design pressure and impact resistant regularments for a specific building design and geographic location is determined by ASCS 7-actional, stand or local building cases specify the addition required.

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:























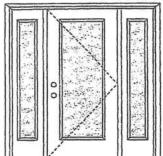




June 17, 2002 Our continuing program of physical temperocypic region approximations, depoin and physics actual basinom or characteristics.



APPROVED ARRANGEMENT:



Single Door with 2 Sidelites

Design Pressure +40.5/-40.5

water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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



Test Data Review Certificate #3026447A and COP/Test Report Validation Matrix #3026447A-OUT provides additional information – available from the ITS/VH website (www.etlsemtko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES: 1/4 GLASS:





133, 135 Series







1/2 GLASS:





105, 160 Series







12 R/L, 23 R/L, 24 R/L







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



June 17, 2002 Our continuing program of product Improvement makes specifications, design and product detail subject to change without notice.





AAMA/NWWDA 101/I.S.2-97 TEST REPORT SUMMARY

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650 Fin
TYPE: Aluminum Single Hung Window

Title of Test	Results	
Rating	H-R40 52 x 72	
Overall Design Pressure	+45.0 psf -47.2 psf	
Operating Force	11 lb max.	
Air Infiltration	0.13 cfm/ft ²	
Water Resistance	6.00 psf	
Structural Test Pressure	+67.5 psf -70.8 psf	
Deglazing	Passed	
Forced Entry Resistance	Grade 10	

Reference should be made to Report No. 01-41134.01 dated 03/26/02 for complete test-specimen / description and data.

For ARCHITECTURAL TESTING, INC.

Mark A. Hess, Technician

MAH:nlb

alla M. Reevan



AAMA/NWWDA 101/I.S.2-97 TEST REPORT

Rendered to

MI HOME PRODUCTS, INC. 650 West Market Street P.O. Box 370 Gratz, Pennsylvania 17030-0370

Report No: 01-41134.01

Test Date: 0

03/07/02

Report Date:

03/26/02

Expiration Date:

03/07/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to perform tests on Series/Model 650 Fin, aluminum single hung window at their facility located in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for a H-R40 52 x 72 rating.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWDA 101/I.S.2-97, Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

Overall Size: 4' 4-1/4" wide by 6' 0-3/8" high

Active Sash Size: 4' 1-3/4" wide by 3' 0-5/8" high

Daylight Opening Size: 3' 11-3/8" wide by 2' 9-1/2" high

Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

Glazing Details: The active and fixed lites utilized 5/8" thick, sealed insulating glass constructed from two sheets of 1/8" thick, clear annealed glass and a metal reinforced butyl spacer system. The active sash was channel glazed utilizing a flexible vinyl wrap around gasket. The fixed lite was interior glazed against double-sided adhesive foars tape and secured with PVC snap-in glazing beads.

130 Derry Court York, PA 17402-9405 phone: 717.764.7700 fax: 717.764.4129

www.archtest.com

allen M. Reven

STATE OF

YONAL S



Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	Quantity	Location
0.230" high by 0.270" backed polypile with center fin	1 Row	Fixed meeting rail
0.250" high by 0.187" backed polypile with center fin	2 Rows	Active sash stiles
1/2" x 1/2" dust plug	4 Pieces	Active sash, top and bottom of stiles
1/4" foam-filled vinyl bulb seal	1 Row	Active sash, bottom rail

Frame Construction: The frame was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two $\#8 \times 1$ " screws through the head and sill into each jamb screw boss. End caps were utilized on the ends of the fixed meeting rail and secured with two 1-1/4" screws per cap. Meeting rail was secured to the frame utilizing two 1-1/4" screws.

Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

Screen Construction: The screen was constructed from roll-formed aluminum with keyed corners. The fiberglass mesh was secured with a flexible spline.

Hardware:

Metal cam lock
with keeper Midspan, active meeting rail with keeper adjacent on fixed meeting
Plastic tilt latch 2 Active sash, meeting rail ends
Metal tilt pin 2 Active sash, bottom rail ends
Balance assembly 2 Active sash, bottom rail ends One in each jamb
Screen plunger 2 4" from rail ends on top rail. 100

allen M. Recon



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

Installation: The test specimen was installed into a 2 x 8 #2 Spruce-Pine-Fir wood test buck with #8 x 1-5/8" drywall screws every 8" on center around the nail fin. Polyurethane was used as a sealant under the nail fin and around the exterior perimeter.

Test Results:

The results are tabulated as follows:

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.1	Operating Force	11 lbs	30 lbs max
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.13 cfm/ft ²	0.3 cfm/ft ² max

Note #1: The tested specimen meets the performance levels specified in AAMA/NWWDA 101/I.S. 2-97 for air infiltration.

Water Resistance (ASTM E 547-00)
(with and without screen)
WTP = 2.86 psf
No leakage

No leakage

2.1.4.1
Uniform Load Deflection (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)
(Loads were held for 33 seconds)
@ 25.9 psf (positive)
0.42"*
0.26" max.
@ 34.7 psf (negative)
0.43"*
0.26" max.

2.1.4.2 Uniform Load Structural (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)
(Loads were held for 10 seconds)
@ 38.9 psf (positive)
0.02"

@ 52.1 psf (negative) 0.02" 0.02"

O.02"

O.18" max

O.18" MAX

HO. 1935

HO. 1935

APRIL 2002

MARIL 2002

0.18" max.

^{*}Exceeds L/175 for deflection, but passes all other test requirements.



Test Specimen Description: (Continued)

Paragraph	Title of Test - Test Method	Results	Allowed
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail Bottom rail	0.12"/25% 0.12"/25%	0.50"/100% 0.50"/100%
	In remaining direction at 50 lbs		
	Left stile Right stile	0.06"/12% 0.06"/12%	0.50"/100% 0.50"/100%
	Forced Entry Resistance (ASTM	F 588-97)	
	Type: A Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5 Test A7	No entry No entry	No entry No entry
	Lock Manipulation Test	No entry	No entry
Optional Perfo	ormance		
4.3	Water Resistance (ASTM E 547-0 (with and without screen)	00)	
	WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM (Measurements reported were take (Loads were held for 33 seconds)	E 330-97) on on the meeting rail)	
	@ 45.0 psf (positive) @ 47.2 psf (negative)	0.47"* 0.46"*	0.26" max.
		0.70	0.26" max.

^{*}Exceeds L/175 for deflection, but passes all other test requirements.

Uniform Load Structural (ASTM E 330-97)
(Measurements reported were taken on the meeting rail)
(Loads were held for 10 seconds)
@ 67.5 psf (positive)
@ 70.8 psf (negative)

0.05"

alle M. Reman



Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification. This report does not constitute certification of this product, which may only be granted by the certification program administrator.

For ARCHITECTURAL TESTING, INC:

A. Kens Technician

MAH:nlb 01-41134.01 Allen N. Reeves, P.E. Director - Engineering Services

1 APRIL ZOOZ



Windy Rossin

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

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

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

e) Location and size of skylights

f) Building height .

e) Number of stories

APPLICANT -- PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL	REQUIREM	ENTS: Two (2) complete sets of plans containing the following:
Applicant	Plans Exam	iner
d		All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
		Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
		 Site Plan including: a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
		d) Provide a full legal description of property. Wind-load Engineering Summary, calculations and any details required a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure ar applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/in²), to used for the design of exterior component and cladding materials as the provider of exterior component
	0	used for the design of exterior component and cladding materials not specificall designed by the registered design professional Elevations including: a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys

- 12		
0		b) Wood frame wall
	<u> </u>	All materials making up wall
		Size and species of studs
		Sheathing size, type and nailing schedule
		4. Headers sized
		 Gable end showing balloon framing detail or gable truss and wall hinge bracing
		detail
		 All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchors helts and week and trusters)
		straps, and for boils and washers)
		7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system
		materials, manufacturer, lastening requirements and product evaluation with w
		resistance raung)
		8. Fire resistant construction (if applicable)
		9. Fireproofing requirements
		10. Show type of termite treatment (termicide or alternative method)11. Slab on grade
		Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
		b. Must show control joints, synthetic fiber reinforcement or
		welded wire fabric reinforcement and supports
		12. Indicate where pressure treated wood will be placed
		13. Provide insulation R value for the following:
		a. Attic space
		b. Exterior wall cavity
		c. Crawl space (if applicable)
		c) Metal frame wall and roof (designed, signed and sealed by Florida Prof.
		Lighteer of Architect)
		Floor Framing System:
		a) Floor truss package including layout and details, signed and sealed by Florida
		Registered Professional Engineer b) Floor joist size and spacing
	. 0	c) Girder size and spacing
		d) Attachment of joist to girder
		e) Wind load requirements where applicable
		Plumbing Fixture layout
3	(6)	Electrical layout including:
B		a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
B		b) Ceiling fans
9		c) Smoke detectors
		d) Service panel and sub-panel size and location(s)
		e) Meter location with type of service entrance (overhead or underground)
19		f) Appliances and HVAC equipment
Da		g) Arc Fault Circuits (AFCI) in bedrooms
		HVAC information
		a) Manual J sizing equipment or equivalent computation
		b) Exhaust fans in bathroom
02		Energy Calculations (dimensions shall match plans)
		Gas System Type (LP or Natural) Location and BTU demand of equipment
		Disclosure Statement for Owner Builders
12		***Notice Of Commencement Required Before Any Inspections Will Be Done
		Private Potable Water
	Settle:	a) Size of pump motor
		b) Size of pressure tank
		AND THE PART OF TH

		Floor Plan including:
		a) Rooms labeled and dimensioned
		b) Shear walls
19		 c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
		d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with
0	0	nearm
_		 e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
19		Must show and identify accessibility requirements (accessible bathroom) Foundation Plan including:
		a) Location of all load-bearing wall with required footings indicated as standard
		Or monolithic and dimensions and reinforcing
		b) All posts and/or column footing including size and reinforcing
0 0		c) Any special support required by soil analysis such as piling
П		d) Location of any vertical steel
	-	Roof System:
W.		a) Truss package including:
		 Truss layout and truss details signed and sealed by Fl. Pro. Eng. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastenir requirements and product evaluation with wind resistance rating)
		b) Conventional Framing Layout including:
	_	Rafter size, species and spacing
		Attachment to wall and uplift
		Ridge beam sized and valley framing and support details
		 Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fasteni
		requirements and product evaluation with wind resistance rating)
		Wall Sections including:
)		a) Masonry wall
		All materials making up wall
		Block size and mortar type with size and spacing of reinforcement
		Lintel, tie-beam sizes and reinforcement
		 Gable ends with rake beams showing reinforcement or gable truss and wall bracedetails
		5. All required connectors with uplift rating and required number and size of fasten
		for continuous tie from roof to foundation
		Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing syste
		materials, manufacturer, fastening requirements and product evaluation with
		resistance rating) 7. Fire resistant construction (if required)
		7. Fire resistant construction (if required) 8. Fireproofing requirements
		9. Shoe type of termite treatment (termicide or alternative method)
		10. Slab on grade
		 Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
		b. Must show control joints, synthetic fiber reinforcement or
		Welded fire fabric reinforcement and supports
		11. Indicate where pressure treated wood will be placed
		12. Provide insulation R value for the following:
		a. Attic space
		b. Exterior wall cavity
		c. Crawl space (if applicable)
		2 X

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

form HUD-NPCA-99-B (04/2003)

This form is completed by the licensed Pest Control Company.

Form NPCA-99-B may still be used

Reorder Product #2581 • from CROWNMAX • 1-800-252-4011

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

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

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

Section 1: General Information (Treating C	ompany Information)	That is the Mary Mary Sign
Company Name: Aspen Pest Contr	ol. inc.	
Company Address: P.O. Box 1795	City Lake City State	FL Zip 32056
Company Business License No.	Company Phone No.	386-755-3611 • 352-494-5751
Section 2: Builder Information	n di Surai en dina di Amerika di Surai	e i je se tim e ti prekyty
Company Name: Doug Edd	gley Construction Company Phone No.	752-0580
Section 3: Property Information	in the applicable was expected as a first transfer of the second of the	
Location of Structure(s) Treated (Street A	ddress or Legal Description, City, State and Zip) Windy Ros	SIM
	590 NW K	Possin Ct.
		, FL 32055
Type of Construction (More than one box	may be checked) Slab Basement Crawl	Other
Approximate Depth of Footing: Outside	Inside T	ype of Fill
Section 4: Treatment Information Date(s) of Treatment(s) // // 8 Brand Name of Product(s) Used	108 Fen XTS	
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service as	. ft	f Masonry Voids <u>298</u>
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service as Attachments (List)	/08	f Masonry Voids <u>298</u>
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service as	. ft	f Masonry Voids <u>298</u>
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service as Attachments (List)	. ft	f Masonry Voids <u>298</u>
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service a Attachments (List) Comments	ft. 2749 Linear ft. 3/7 Linear ft. of lied 630 gals. Yes No No agreements to be issued. This form does not preempt state law.	f Masonry Voids 298
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service as Attachments (List)	. ft	f Masonry Voids 298
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service a Attachments (List) Comments Name of Applicator(s)	ft. 2749 Linear ft. 3/7 Linear ft. of lied 630 gals. Yes No No agreements to be issued. This form does not preempt state law.	f Masonry Voids <u>298</u> w) <u>JF104376</u>
Date(s) of Treatment(s) Brand Name of Product(s) Used EPA Registration No. Approximate Final Mix Solution % Approximate Size of Treatment Area: Sq Approximate Total Gallons of Solution Appl Was treatment completed on exterior? Service Agreement Available? Note: Some state laws require service a Attachments (List) Comments Name of Applicator(s)	Linear ft. 3/7 Linear ft. of Side 1030 gal s. Yes No No agreements to be issued. This form does not preempt state law. Certification No. (if required by State law.)	f Masonry Voids <u>298</u> w) <u>JF104376</u>



partment of Building and Zoning COLUMBIA COUNTY, FLORIDA

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 15-3S-16-02144-018

Fire: 32.10

Building permit No. 000027393

Waste: 83.75

1

Total: 115.85

Owner of Building WINDY ROSSIN

Date: 05/13/2009

Location:

590 NW ROSSIN CT., LAKE CITY, FL

Permit Holder DOUG EDGLEY

Use Classification SFD/UTILITY

Building Inspector

POST IN A CONSPICUOUS PLACE (Business Places Only)

Mark Disosway, P.E.

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

29 October 2008

Building and Zoning, Columbia County, Florida

Re: Site Evaluation, Rossin, Wendy Residence, NW Rossin Ct, Lake City, FL 32055, Tax ID: 15-3S-16-02144-018, Columbia County, FL

Dear Building Inspector:

The elevation of the finished floor, approx 8" above natural grade at the SE corner of the house, 20" above natural grade at the SW corner of the house, 10" above natural grade at the NE corner of the house, and 26" above natural grade at the NW corner of the house, as staked by builder, is less than one foot above the elevation of the county road, Rossin Ct. at a point immediately in front of the house.

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

Flood Zone of Home Site: Zone X; Based on the FEMA rate map, attached.

Home Site Natural Grade, Elevation: about 155 - 160 ft; Based on topo map, attached.

Zone A flood zone: A large area of flood zone A to the west of the home site is at about 150' elevation based on the topo map and FEMA map and leads to a creek to the north.

Proposed Finished Floor Elevation: 8" above existing grade at the SE corner.

Observations: This house is higher, about 5-10 ft, than nearby Zone A to the west. There is a continuous downward path to the Zone A and from there down the creek to nearby elevations as low as 125' or 30' lower than natural grade at the home site.

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

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

Sincerely,

Mark Disosway, PE

R403.1 General.

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

R403.1.1 Minimum size.

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

R403.1.4 Minimum depth.

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

R403.1.5 Slope.

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

R403.1.6 Foundation anchorage.

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

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

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

R403.1.6.1 Reserved.

R403.1.7 Footings on or adjacent to slopes.

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

R403.1.7.1 Building clearances from ascending slopes.

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

R403.1.7.2 Footing setback from descending slope surfaces.

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

R403.1.7.3 Foundation elevation.

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

R403.1.7.4 Alternate setback and clearances.

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

R403.1.8 Foundations on expansive soils.

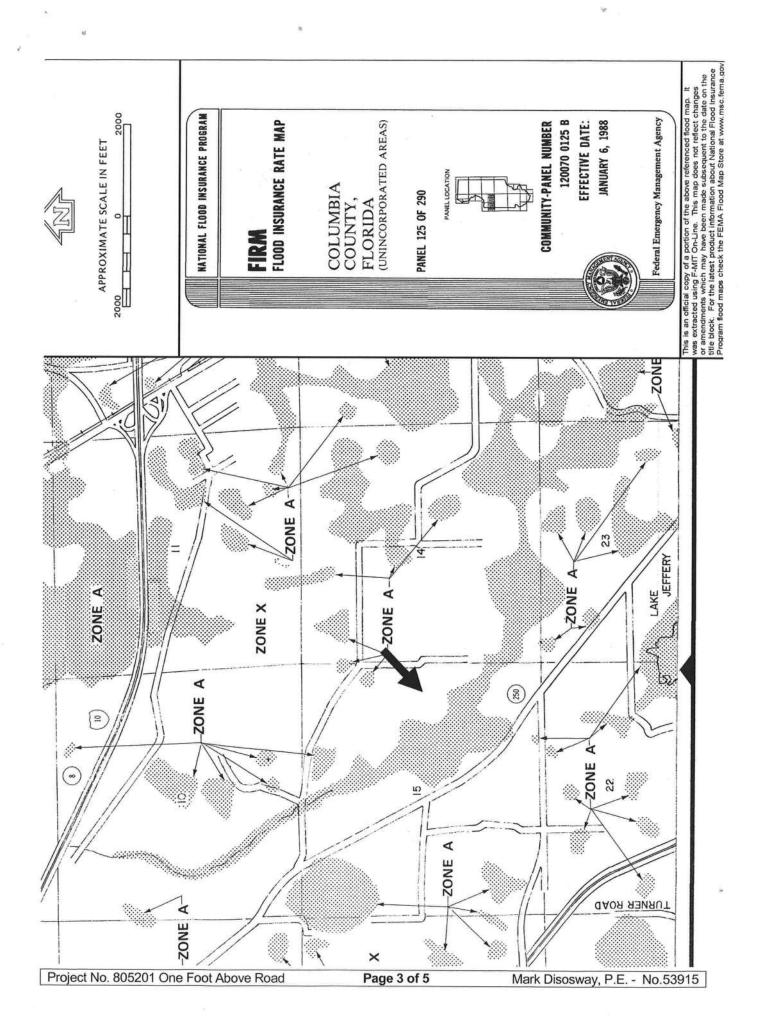
Foundation and floor slabs for buildings located on expansive soils shall be designed in accordance with Section 1805.8 of the Florida Building Code, Building.

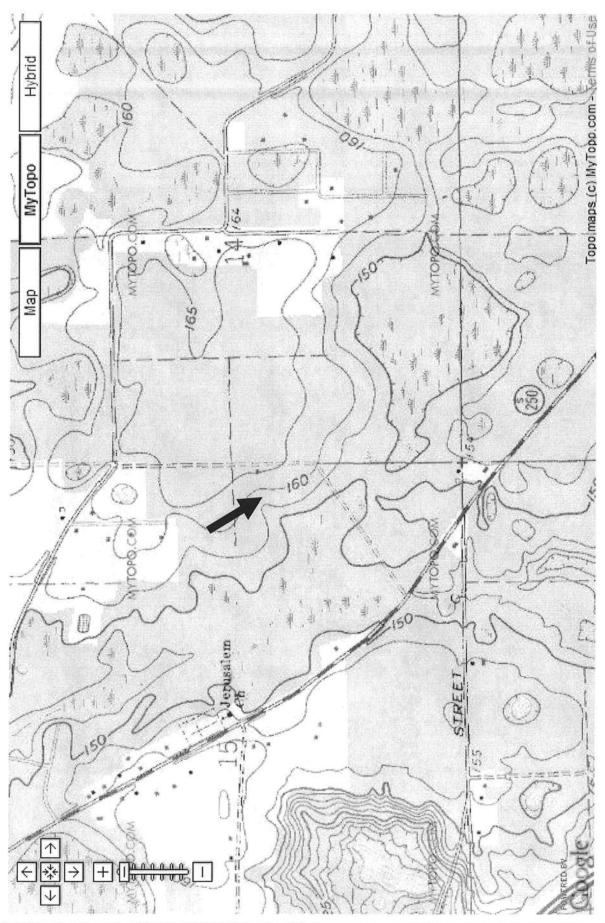
Exception: Slab-on-ground and other foundation systems which have performed adequately in soil conditions similar to those encountered at the building site are permitted subject to the approval of the building official.

R403.1.8.1 Expansive soils classifications.

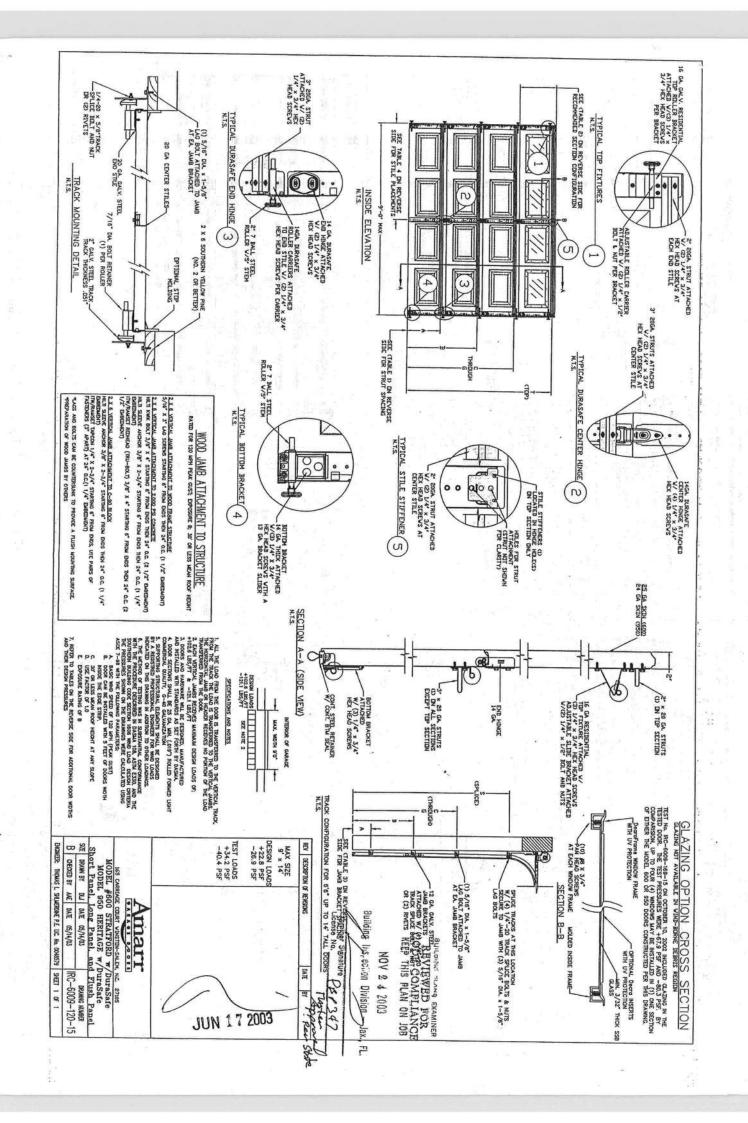
Soils meeting all four of the following provisions shall be considered expansive, except that tests to show compliance with Items 1, 2 and 3 shall not be required if the test prescribed in Item 4 is conducted:

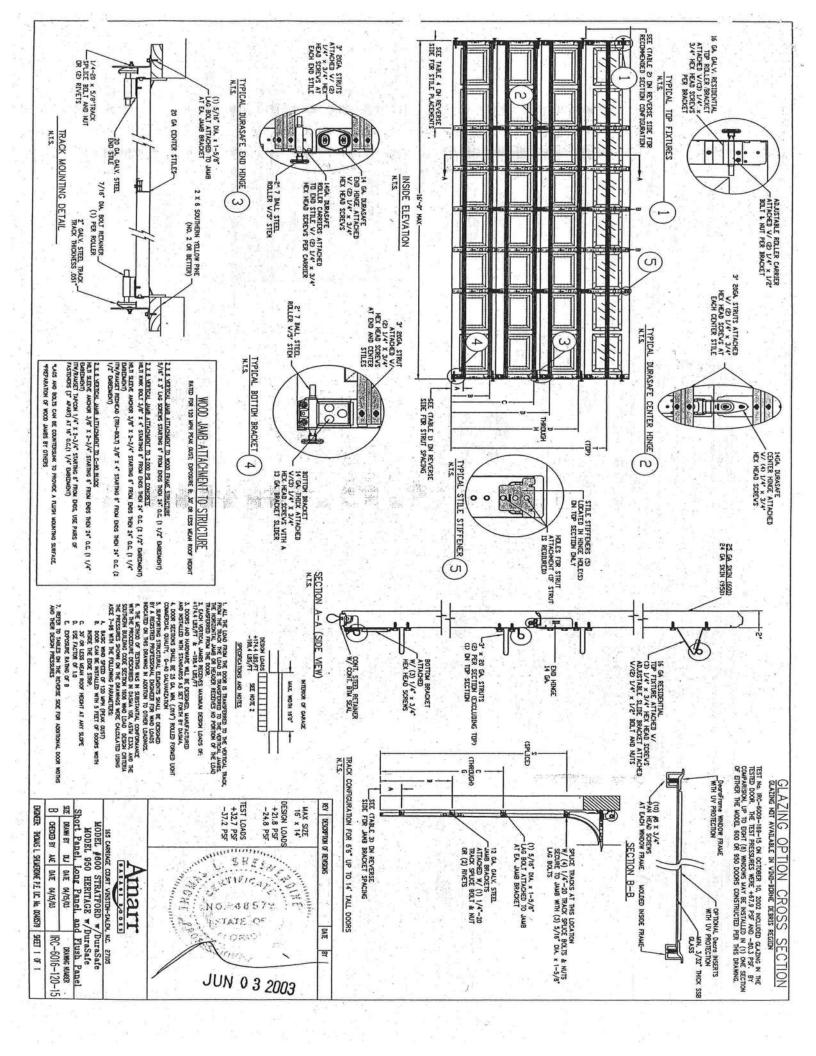
- Plasticity Index (PI) of 15 or greater, determined in accordance with ASTM D 4318.
- 2. More than 10 percent of the soil particles pass a No. 200 sieve (75 mm), determined in accordance with ASTM D 422.
- 3. More than 10 percent of the soil particles are less than 5 micrometers in size, determined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

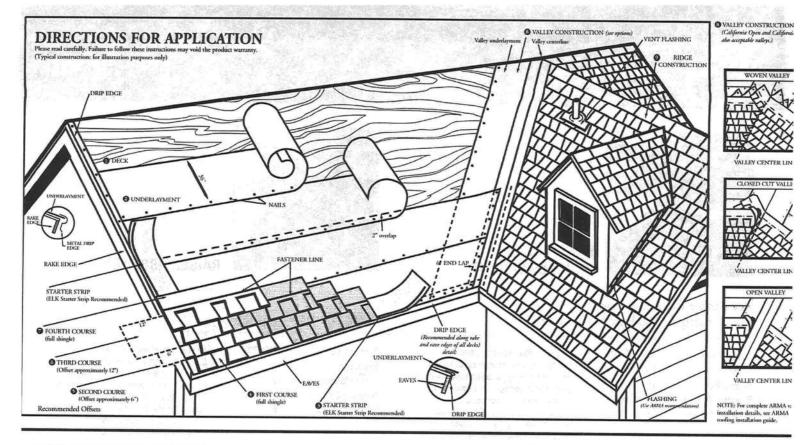












DIRECTIONS FOR APPLICATION

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.

10 DECK PREPARATION

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 19°. Begin by fastening a 19° 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 wall 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.

❸ 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.

@ 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°.

6 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 36" wide vertical underlayment prior to applying metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

© 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, 3/8" 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

MANSARD APPLICATIONS

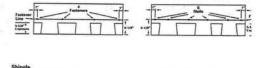
Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 21/12) use six fasteners per shingle. Locate fasteners in the fastener area 1° from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only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

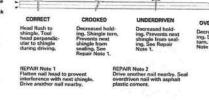
LIMITED WIND WARRANTY

- For a Limited Wind Warranty, all Prestique and Raised Profile™ 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 6 properly placed NAILS per shingle. SHINGLES APPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk 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 DOUB THICKNESS (laminated) area of the shingle. Nails or stapl must be placed along – and through – the "fastener line" or products without fastener lines, nail or staple between and line with sealant dots. CAUTION: Do not use fastener line i shingle alignment.





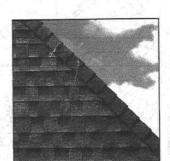
Refer to local codes which in some areas may require specified application techniques beyond those Elk has specified.

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

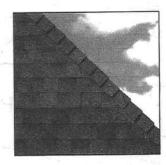
CAUTION TO WHOLESALER: Careless and improper storage handling can harm fiberglass shingles. Keep thes shingles completely covered, dry, reasonably cool, at protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applie DO NOT DOUBLE STACK. Systematically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



©2004, Elk Promium Building Products, Inc. All trademark ®, are registered trademarks of Elk Premium Building Products, Ir All trademarks, ™, are trademarks pending registration of E Premium Building Products, Inc., an ElkCorp company. UL registered trademark of Underwriters Laboratories, Inc.



PRESTIQUE® **HIGH DEFINITION®**



RAISED PROFILE®

Prestique Plus High Definition and Prestique Gallery Collection™

Product size	13¼"x 39¾"
Exposure	5%"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	11

50-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 110 mph***

Raised Profile

Product size	131/"x 381/"
Exposure	5%"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 70 mph.

Prestique I High Definition

Product size	131/"x 391/"
Exposure	5%"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	14

40-year limited warranty period: 5-7**years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph, extended 90 mph***

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™ Size: 12"x 12" Exposure: 6%" Pieces/Bundle: 45 Coverage: 4 Bundles = 100 linear feet

Vented RidgeCrest™ w/FLX™ Size: 13"x131/4" Exposure: 91/41

Pieces/Box: 26 Coverage: 5 boxes = 100 linear feet

Prestique High Definition

Product size	13¼"x 38¾"
Exposure	5%"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: *years non-prorated coverage for shingles and application labor with prorated coverage for remainder of limited warranty period, plus an option for transferability*. 5-year limited wind warranty*. Wind Coverage: standard 80 mph.

Elk Starter Strip 52 Bundles/Pallet 18 Pallets/Truck

936 Bundles/Truck 19 Pieces/Bundle

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", Sienna 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.

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.

Effective January 1, 2004, the seven year non-prorated 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 Effective January 1, 2004, the seven year non-prorated Umbrella Coverage Period applies shingles on all hips and ridges, Elk Starter Strip along all rake and eave edges, an Elk ventilation system, and Elk All-Climat polication 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 eave edges, an Elk ventilation system, and Elk All-Climate Hips and File Starter Strip St

SPECIFICATIONS

Score: 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; exterior-grade plywood (exposure 1 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.

Motorials: 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 (<u>name</u>) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

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

For specifications in CSI format, call 800.354.SPEC (773: or e-mail specinfo@elkcorp.com.

SOUTHEAST & ATLANTIC OFFICE: 800.945.5551

CORPORATE HEADQUARTERS: 800.354.7732

PLANT LOCATION: 800.945.5545

