

DATE 11/07/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023830

APPLICANT CLARENCE ROSSIN PHONE 752-9495
ADDRESS 567 NW ROSSIN COURT LAKE CITY FL 32055
OWNER CLARENCE ROSSIN PHONE 752-9495
ADDRESS 611 NW ROSSIN COURT LAKE CITY FL 32055
CONTRACTOR OWNER BUILDER PHONE
LOCATION OF PROPERTY 90W, TO LAKE JEFFREY, TR ON ROSSIN COURT, 4TH ON LEFT

TYPE DEVELOPMENT ADDITION TO MH ESTIMATED COST OF CONSTRUCTION 35000.00
HEATED FLOOR AREA TOTAL AREA HEIGHT .00 STORIES 1
FOUNDATION WALLS FRAMED ROOF PITCH 4/12 FLOOR
LAND USE & ZONING A-3 MAX. HEIGHT
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 15-3S-16-02144-004 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING 05-0978-E BK JH N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE

SECTION 2.3.1 LEGAL NON-CONFORMING LOT

Check # or Cash 553

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by
Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by
Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by
Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by
Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by
M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by
Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by
M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 175.00 CERTIFICATION FEE \$.00 SURCHARGE FEE \$.00
MISC. FEES \$.00 ZONING CERT. FEE \$ FIRE FEE \$.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 175.00
INSPECTORS OFFICE ASH TEDCH CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

1st mess Ave
11/3/05 Revised 9-23-04

For Office Use Only Application # 0510-31 Date Received 10/11/05 By JW Permit # 23830
Application Approved by - Zoning Official BLK Date 03.11.05 Plans Examiner OK JTH Date 11-3-05
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments Section 2.3.1 Legal non-conforming Lot

Applicants Name CLARENCE H ROSSIN Phone 386 752 9495
Address 567 NW ROSSIN CT Lakecity FL 32055
Owners Name CLARENCE H ROSSIN Phone 386 752-9495 / 386 344 579
911 Address 567 NW ROSSIN CT Lakecity, FL 32055
Contractors Name CLARENCE H ROSSIN Phone 386 752-9495 386 344 579
Address 567 NW ROSSIN CT Lakecity, FL 32055
Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address FREEMAN DESIGN GROUP 11th Freeman
Mortgage Lenders Name & Address NONE
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number R15-35-16-02144-004 Estimated Cost of Construction 35,000
Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____
Driving Directions County Rd 250 West to Rossin Ct., Tn. Follow on
it'll take to property 4th on left

Type of Construction FRAME / BRICK Number of Existing Dwellings on Property 1
Total Acreage 1.00 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 62' Side East 35 Side West 118 Rear 89'
Total Building Height 18' Number of Stories 1 Heated Floor Area 1493 Roof Pitch 4/12
Porch 238 GARAGE 506 TOTAL ADDITION 744 EXISTING ROOF OVER

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

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

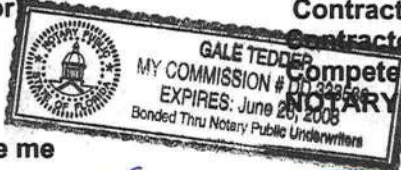
CLARENCE H ROSSIN
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 15th day of Oct 20 05.

Personally known _____ or Produced Identification DL



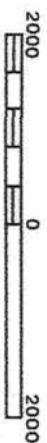
Contractor Signature
Contractors License Number _____

Competency Card Number _____
NOTARY STAMP/SEAL

Gale Tedder
Notary Signature



APPROXIMATE SCALE IN FEET



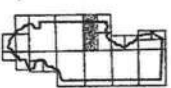
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 125 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER

120070 0125 B

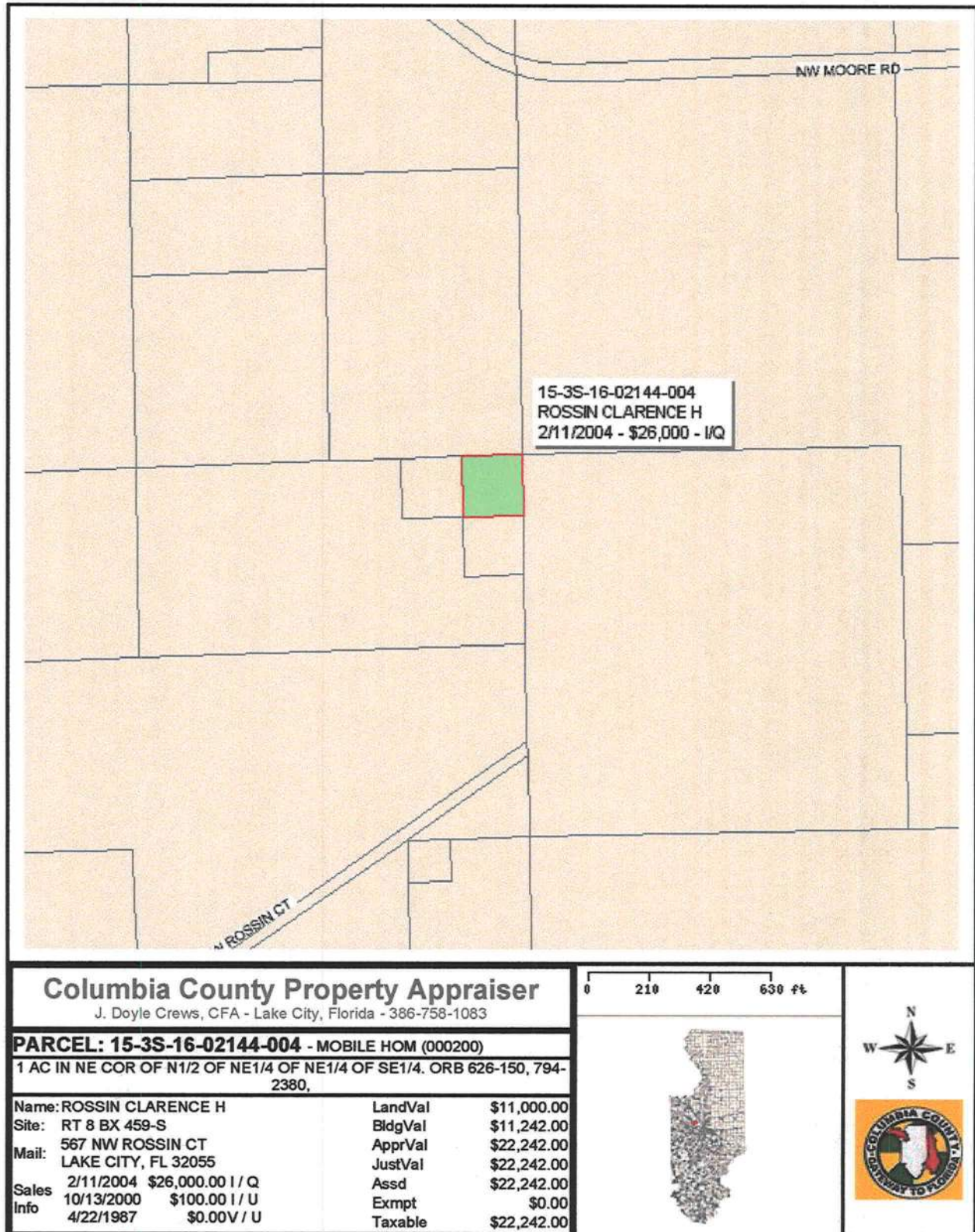
EFFECTIVE DATE:

JANUARY 6, 1988

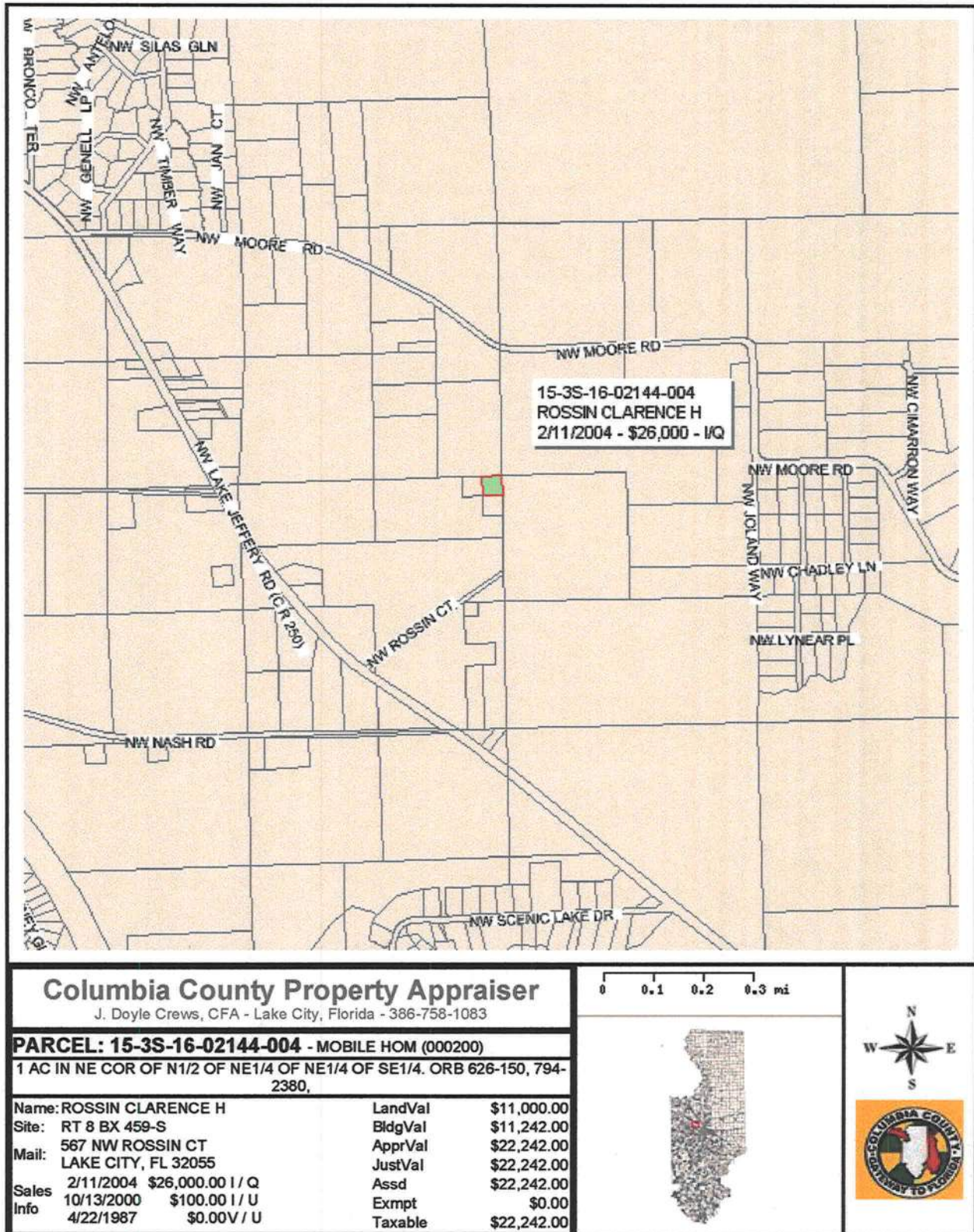


Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at www.fema.gov/nifm.



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



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DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling
☐ Farm Outbuilding
☐ New Construction

- ☐ Two-Family Residence
☐ Other _____

☐ Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Clarence H. Rossin, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Clarence H. Rossin
Signature

21 Sep 05

Date

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 10.11.2005 Building Official/Representative

[Signature]



STATE OF FLORIDA
DEPARTMENT OF HEALTH

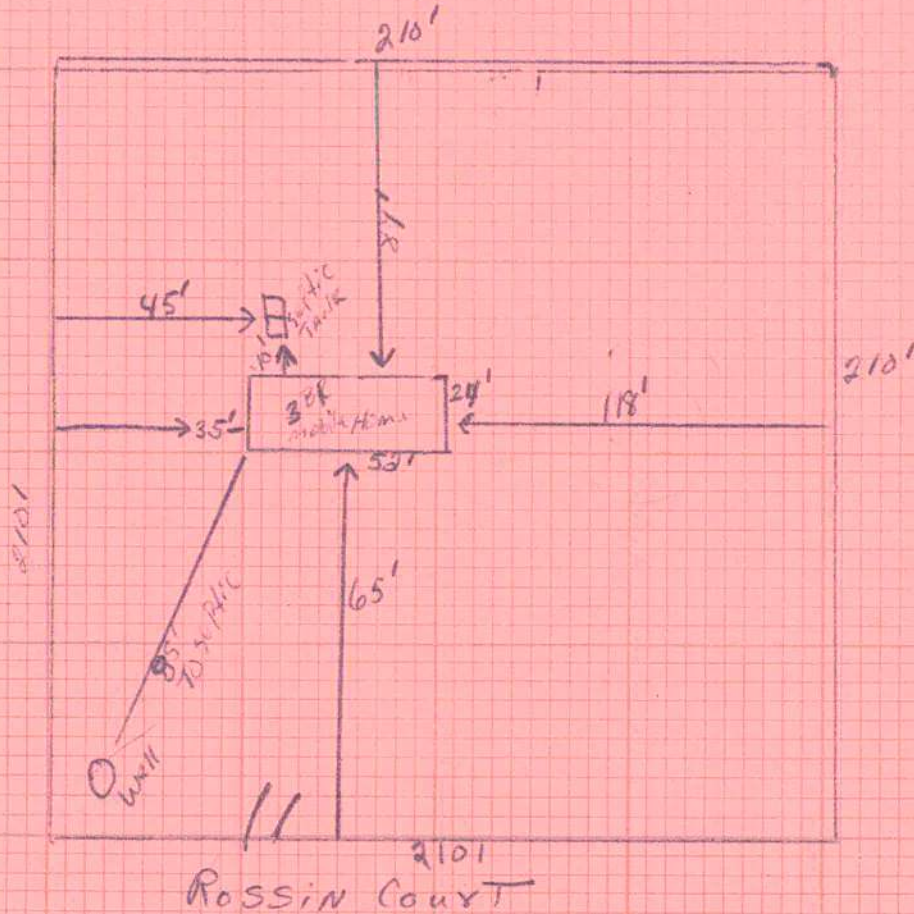
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

03-0978E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes:

Site Plan submitted by: X. Thomas H. Brown Signature

Plan Approved ☒ Not Approved ☐ Title 9-10-03 Date

By Mr. J. L. Brown County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

**WARRANTY DEED
INDIVID. TO INDIVID.**

RAMCO FORM 01

Return to: (enclose self-addressed stamped envelope)

Name: Clarence H. Rossin
Address: 567 N W Rossin Ct
Lake City, Fl 32055

This Instrument Prepared by:

Name:

Address:

Property Appraisers Parcel Identification

Folio Number(s): 15-3s-16-02144-004

Grantee(s) S.S. # (s)

Inst: 2004003329 Date: 02/16/2004 Time: 09:09
Doc Stamp-Deed : 182.00
YMK DC, P. DeWitt Cason, Columbia County B:1007 P:305

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

This Warranty Deed, Made the 11th day of February, 2004, by Grenetta Jones

hereinafter called the Grantor, to Clarence H. Rossin
whose post office address is 567 N W Rossin Ct., Lake City, Fl 32055
hereinafter called the Grantee.

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument and the heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth, That the Grantor, for and in consideration of the sum of \$25,967.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the Grantee all that certain land, situate in Columbia County, State of Florida, viz:

One (1) acre located in the NE Conner of the N $\frac{1}{2}$ of the NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of SE $\frac{1}{4}$, Section 15, Township 3 South, Range 16 East, Columbia County Florida, more particularly known as parcel B.

Together, with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining. **To Have and to Hold**, the same in fee simple forever.

And the Grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land, and hereby warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003

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

Signed, sealed and delivered in the presence of:

Witness Signature (as to first Grantor)

Printed Name George

Witness Signature (as to first Grantor)

Printed Name Linda G. Oliver

Witness Signature (as to Co-Grantor, if any)

Printed Name

Witness Signature (as to Co-Grantor, if any)

Printed Name

STATE OF Florida

COUNTY OF Columbia

Grenetta Jones

Grenetta Jones L.S.
Grantor Signature

Printed Name

Post Office Address

Rt 8 Box 459-s
Lake City, Fl 32055

Co-Grantor Signature, (if any) L.S.

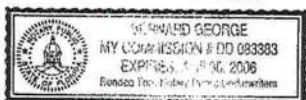
Printed Name

Post Office Address

I hereby Certify that on this day, before me, an officer duly authorized to administer oaths and take acknowledgments, personally appeared

known to me to be the person described in and who executed the foregoing instrument, who acknowledged before me that executed the same, and an oath was not taken. (Check one:) ☐ Said person(s) is/are personally known to me. ☐ Said person(s) provided the following type of identification:

NOTARY RUBBER STAMP SEAL



Witness my hand and official seal in the County and State last aforesaid

this 11 day of February, A.D. 2004

Bernard George
Notary Signature

Printed Name BERNARD GEORGE



FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	Clarence Rossin	Builder:	owner builder
Address:	567 NW Rossin Court	Permitting Office:	Columbia
City, State:	Lake City, FL 32055-	Permit Number:	23830
Owner:	Clarence Rossin	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1493 ft²	13. Heating systems	
7. Glass area & type	Single Pane Double Pane	a. Electric Heat Pump	Cap: 30.0 kBtu/hr
a. Clear glass, default U-factor	0.0 ft² 120.0 ft²		HSPF: 6.80
b. Default tint	0.0 ft² 0.0 ft²	b. N/A	
c. Labeled U or SHGC	0.0 ft² 0.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Raised Wood, Stem Wall	ft²	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1078.0 ft²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 224.0 ft²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1493.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 53.0 ft		
b. N/A			

Glass/Floor Area: 0.08

Total as-built points: 22649
Total base points: 26066

PASS

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

PREPARED BY: William H. Freeman

DATE: _____

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: 567 NW Rossin Court, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
GLASS TYPES .18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X	SPM X	SOF = Points	
.18	1493.0	20.04	5385.6	Double, Clear	W	1.5 6.0	30.0	38.52	0.91	1055.6
				Double, Clear	W	1.5 6.0	30.0	38.52	0.91	1055.6
				Double, Clear	E	1.5 6.0	15.0	42.06	0.91	575.9
				Double, Clear	N	1.5 6.0	30.0	19.20	0.94	540.7
				Double, Clear	S	1.5 6.0	15.0	35.87	0.86	460.6
				As-Built Total:			120.0			3688.4
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	= Points	
Adjacent	224.0	0.70	156.8	Frame, Wood, Exterior	13.0		1078.0	1.50	1617.0	
Exterior	1078.0	1.70	1832.6	Frame, Wood, Adjacent	13.0		224.0	0.60	134.4	
Base Total:				As-Built Total:			1302.0		1751.4	
DOOR TYPES Area X BSPM = Points				Type			Area X	SPM	= Points	
Adjacent	0.0	0.00	0.0	Exterior Insulated			44.0	4.10	180.4	
Exterior	68.0	6.10	414.8	Exterior Insulated			24.0	4.10	98.4	
Base Total:				As-Built Total:			68.0		278.8	
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM X SCM	= Points	
Under Attic	1493.0	1.73	2582.9	Under Attic	30.0		1493.0	1.73 X 1.00	2582.9	
Base Total:				As-Built Total:			1493.0		2582.9	
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	= Points	
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0		134.8	-1.50	-202.2	
Raised	134.8	-3.99	-537.9							
Base Total:				As-Built Total:			134.8		-202.2	
INFILTRATION Area X BSPM = Points							Area X	SPM	= Points	
	1493.0	10.21	15243.5				1493.0	10.21	15243.5	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: 567 NW Rossin Court, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
Summer Base Points:		25078.3		Summer As-Built Points:				23342.8			
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
25078.3		0.4266	10698.4	23342.8		1.000	(1.090 x 1.147 x 0.91)	0.341	1.000		9064.0
				23342.8		1.00	1.138	0.341	1.000		9064.0

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: 567 NW Rossin Court, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	1493.0	12.74	3423.7	Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4
				Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4
				Double, Clear	E	1.5	6.0	15.0	18.79	1.04	291.9
				Double, Clear	N	1.5	6.0	30.0	24.58	1.00	739.1
				Double, Clear	S	1.5	6.0	15.0	13.30	1.12	222.9
				As-Built Total:			120.0			2526.8	
WALL TYPES		Area X BWPM = Points		Type	R-Value		Area X WPM		= Points		
Adjacent	224.0	3.60	806.4	Frame, Wood, Exterior	13.0		1078.0	3.40	3665.2		
Exterior	1078.0	3.70	3988.6	Frame, Wood, Adjacent	13.0		224.0	3.30	739.2		
Base Total:		1302.0	4795.0	As-Built Total:		1302.0		4404.4			
DOOR TYPES		Area X BWPM = Points		Type	R-Value		Area X WPM		= Points		
Adjacent	0.0	0.00	0.0	Exterior Insulated			44.0	8.40	369.6		
Exterior	68.0	12.30	836.4	Exterior Insulated			24.0	8.40	201.6		
Base Total:		68.0	836.4	As-Built Total:		68.0		571.2			
CEILING TYPES		Area X BWPM = Points		Type	R-Value		Area X WPM X WCM		= Points		
Under Attic	1493.0	2.05	3060.6	Under Attic	30.0		1493.0	2.05 X 1.00	3060.6		
Base Total:		1493.0	3060.6	As-Built Total:		1493.0		3060.6			
FLOOR TYPES		Area X BWPM = Points		Type	R-Value		Area X WPM		= Points		
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	19.0		134.8	0.80	107.8		
Raised	134.8	0.96	129.4								
Base Total:		129.4		As-Built Total:		134.8		107.8			
INFILTRATION		Area X BWPM = Points				Area X WPM		= Points			
		1493.0	-0.59			1493.0		-0.59			
		-880.9						-880.9			

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: 567 NW Rossin Court, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 11364.3				Winter As-Built Points: 9790.0						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
11364.3		0.6274	7130.0	9790.0		1.000	(1.069 x 1.169 x 0.93)	0.501	1.000	5705.6
				9790.0		1.00	1.162	0.501	1.000	5705.6

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: 567 NW Rossin Court, Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier	X Credit Multiplier = Total
3		2746.00	8238.0	50.0	0.92	3	1.00	2626.61	1.00 7879.8
				As-Built Total:					7879.8

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
10698		7130	8238 26066	9064		5706	7880 22649

PASS



Code Compliance Checklist
Residential Whole Building Performance Method A - Details

ADDRESS: 567 NW Rossin Court, 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 6-12. Switch or clearly marked circuit 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* = 84.5

The higher the score, the more efficient the home.

Clarence Rossin, 567 NW Rossin Court, 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: 30.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 10.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft ²)	1493 ft ²	___	13. Heating systems	___
7. Glass area & type	Single Pane	Double Pane	a. Electric Heat Pump	Cap: 30.0 kBtu/hr
a. Clear - single pane	0.0 ft ²	120.0 ft ²		HSPF: 6.80
b. Clear - double pane	0.0 ft ²	0.0 ft ²	b. N/A	___
c. Tint/other SHGC - single pane	0.0 ft ²	0.0 ft ²	c. N/A	___
d. Tint/other SHGC - double pane			14. Hot water systems	___
8. Floor types			a. Electric Resistance	Cap: 50.0 gallons
a. Raised Wood, Stem Wall	R=19.0, 134.8ft ²	___		EF: 0.92
b. N/A	___	___	b. N/A	___
c. N/A	___	___	c. Conservation credits	___
9. Wall types			(HR-Heat recovery, Solar	___
a. Frame, Wood, Exterior	R=13.0, 1078.0 ft ²	___	DHP-Dedicated heat pump)	___
b. Frame, Wood, Adjacent	R=13.0, 224.0 ft ²	___	15. HVAC credits	___
c. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
d. N/A	___	___	HF-Whole house fan,	___
e. N/A	___	___	PT-Programmable Thermostat,	___
10. Ceiling types			MZ-C-Multizone cooling,	___
a. Under Attic	R=30.0, 1493.0 ft ²	___	MZ-H-Multizone heating)	___
b. N/A	___	___		___
c. N/A	___	___		___
11. Ducts				___
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 53.0 ft	___		___
b. N/A	___	___		___

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 850/498-1824.*

Energy Gauge Version: FLRCPB v3.30)

BUILDING INPUT SUMMARY REPORT

PROJECT	Title:	Clarence Rossin	Family Type:	Single	Address Type:	Street Address
	Owner:	Clarence Rossin	New/Existing:	New	Lot #:	N/A
	# of Units:	1	Bedrooms:	3	Subdivision:	N/A
	Builder Name:	(blank)	Conditioned Area:	1493	Platbook:	N/A
	Climate:	North	Total Stories:	1	Street:	567 NW Rossin Court
	Permit Office:	(blank)	Worst Case:	Yes	County:	Suwannee
	Jurisdiction #:	(blank)	Rotate Angle:	(blank)	City, St, Zip:	Lake City, FL, 32055-
FLOORS	#	Floor Type	R-Val	Area/Perimeter	Units	
	1	Raised Wood/Stem Wall	19.0	134.8ft²	1	
DOORS	#	Door Type	Orientation	Area	Units	
	1 2	Insulated Insulated	Exterior Exterior	22.0 ft² 24.0 ft²	2 1	
CEILINGS	#	Ceiling Type	R-Val	Area	Base Area	Units
	1	Under Attic	30.0	1493.0 ft²	1493.0 ft²	1
COOLING	#	System Type	Efficiency	Capacity		
	1	Central Unit	SEER: 10.00	30.0 kBtu/hr		
WALLS	#	Wall Type	Location	R-Val	Area	Units
	1 2	Frame - Wood Frame - Wood	Exterior Adjacent	13.0 13.0	1078.0 ft² 224.0 ft²	1 1
HEATING	#	System Type	Efficiency	Capacity		
	1	Electric Heat Pump	HSPF: 6.80	30.0 kBtu/hr		
DUCTS	#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
	1	Uncond.	Uncond.	Interior	6.0	53.0 ft
WATER	#	System Type	EF	Cap.	Conservation Type	Con. EF
	1	Electric Resistance	0.92	50.0	None	0.00
REFR.	#	Use Default?	Annual Operating Cost	Electric Rate		
	1	Yes	N/A	N/A		
MISC	Rater Name:	CodeOnlyPro	Class #:	3	Pool Size:	0
	Rater Certification #:	CodeOnlyPro	Duct Leakage Type:	N/A	Pump Size:	0.00 hp
	Area Under Fluorescent:	0.0	Visible Duct Disconnects:	N/A	Dryer Type:	Electric
	Area Under Incandescent:	1493.0	Leak Free Duct System Proposed:	No	Stove Type:	Electric
	NOTE: Not all Rating info shown		HRV/ERV System Present?:	No	Avg Ceil Hgt:	

Residential System Sizing Calculation

Summary

Clarence Rossin
567 NW Rossin Court
Lake City, FL 32055-

Project Title:
Clarence Rossin

Code Only
Professional Version
Climate: North

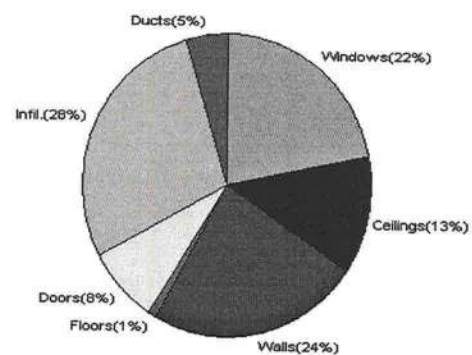
11/4/2004

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation		15418	Total cooling load calculation		19686
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	194.6	30000	Sensible (SHR = 0.5)	98.2	15000
Heat Pump + Auxiliary(0.0kW)	194.6	30000	Latent	340.4	15000
			Total (Electric Heat Pump)	152.4	30000

WINTER CALCULATIONS

Winter Heating Load (for 1493 sqft)

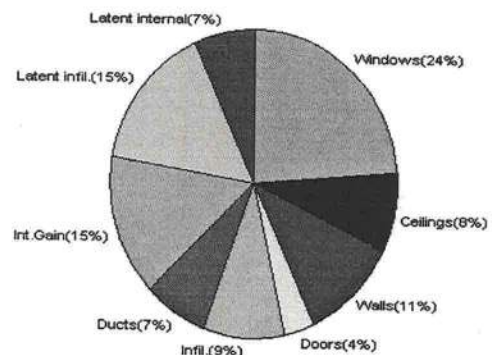
Load component		Load	
Window total	120 sqft	3396	Btuh
Wall total	1302 sqft	3700	Btuh
Door total	68 sqft	1246	Btuh
Ceiling total	1493 sqft	1941	Btuh
Floor total	135 sqft	121	Btuh
Infiltration	100 cfm	4279	Btuh
Subtotal		14683	Btuh
Duct loss		734	Btuh
TOTAL HEAT LOSS		15418	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1493 sqft)

Load component		Load	
Window total	120 sqft	4692	Btuh
Wall total	1302 sqft	2109	Btuh
Door total	68 sqft	690	Btuh
Ceiling total	1493 sqft	1672	Btuh
Floor total		0	Btuh
Infiltration	87 cfm	1728	Btuh
Internal gain		3000	Btuh
Subtotal(sensible)		13890	Btuh
Duct gain		1389	Btuh
Total sensible gain		15279	Btuh
Latent gain(infiltration)		3026	Btuh
Latent gain(internal)		1380	Btuh
Total latent gain		4406	Btuh
TOTAL HEAT GAIN		19686	Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v3.30

System Sizing Calculations - Winter

Residential Load - Component Details

Clarence Rossin
567 NW Rossin Court
Lake City, FL 32055-

Project Title:
Clarence Rossin

Code Only
Professional Version
Climate: North

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

11/4/2004

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
2	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
3	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
4	2, Clear, Metal, DEF	E	30.0	28.3	849 Btuh
5	2, Clear, Metal, DEF	W	15.0	28.3	424 Btuh
Window Total			120		3396 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1078	3.1	3342 Btuh
2	Frame - Adjacent	13.0	224	1.6	358 Btuh
Wall Total			1302		3700 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		44	18.3	807 Btuh
2	Insulated - Exter		24	18.3	440 Btuh
Door Total			68		1246 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1493	1.3	1941 Btuh
Ceiling Total			1493		1941 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Raised Wood/Enclosed	19	134.8 sqft	0.9	121 Btuh
Floor Total			135		121 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	14930(sqft)	100	4279 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				100	4279 Btuh

Totals for Heating	Subtotal	14683 Btuh
	Duct Loss(using duct multiplier of 0.05)	734 Btuh
	Total Btuh Loss	15418 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)

System Sizing Calculations - Summer

Residential Load - Component Details

Clarence Rossin
567 NW Rossin Court
Lake City, FL 32055-

Project Title:
Clarence Rossin

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

11/4/2004

Window	Type	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	1.5	6	30.0	0.0	30.0	22	22	660 Btuh
2	2, Clear, DEF, N, N	N	1.5	6	30.0	0.0	30.0	22	22	660 Btuh
3	2, Clear, DEF, N, N	S	1.5	6	15.0	15.0	0.0	22	37	330 Btuh
4	2, Clear, DEF, N, N	E	1.5	6	30.0	4.0	26.0	22	72	1962 Btuh
5	2, Clear, DEF, N, N	W	1.5	6	15.0	0.0	15.0	22	72	1080 Btuh
Window Total					120					4692 Btuh
Walls	Type	R-Value		Area			HTM		Load	
1	Frame - Exterior	13.0		1078.0			1.7			
2	Frame - Adjacent	13.0		224.0			1.0		1876 Btuh	
Wall Total				1302.0					233 Btuh	
Doors	Type	R-Value		Area			HTM		Load	
1	Insulated - Exter			44.0			10.1			
2	Insulated - Exter			24.0			10.1		446 Btuh	
Door Total				68.0					243 Btuh	
Ceilings	Type/Color	R-Value		Area			HTM		Load	
1	Under Attic/Light	30.0		1493.0			1.1			
Ceiling Total				1493.0					1672 Btuh	
Floors	Type	R-Value		Size			HTM		Load	
1	Raised Wood	19.0		134.8 sqft			0.0			
Floor Total				134.8					0 Btuh	
Infiltration	Type	ACH		Volume			CFM=		Load	
	Natural	0.35		14930			87.3			
	Mechanical						0		1728 Btuh	
Infiltration Total							87		0 Btuh	
									1728 Btuh	

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	6	X 300 +	1200	3000 Btuh

Totals for Cooling	Subtotal	13890 Btuh
	Duct gain(using duct multiplier of 0.10)	1389 Btuh
	Total sensible gain	15279 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	3026 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
TOTAL GAIN		19686 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(Ornt - compass orientation)

EnergyGauge® FLRCPB v3.30

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

Tax Parcel ID Number R 15-35-16-02144-004

1. Description of property: (legal description of the property and street address or 911 address)

1611 NW ROSSIN CT Lake City FL 32055

Inst:2005025212 Date:10/11/2005 Time:11:05

YMK DC,P.DeWitt Cason,Columbia County B:1061 P:1047

2. General description of improvement: UPGrade Electrical gn walls

3. Owner Name & Address CLARENCE H. ROSSIN 567 NW ROSSIN CT
LAKE CITY FL 32055 Interest in Property _____

4. Name & Address of Fee Simple Owner (if other than owner): _____

5. Contractor Name CLARENCE H ROSSIN Phone Number 386 752-9495
Address 567 NW ROSSIN CT, LAKE CITY, FL 32055 386 344 5797

6. Surety Holders Name NONE Phone Number _____
Address _____
Amount of Bond NONE

7. Lender Name NONE Phone Number _____
Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name CLARENCE H ROSSIN Phone Number 752 9495-3445
Address 567 NW ROSSIN CT, LAKE CITY, FL 32055

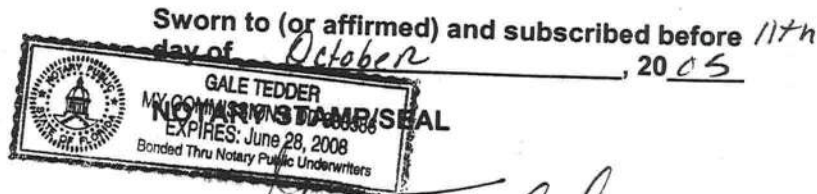
9. In addition to himself/herself the owner designates _____ of
_____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Clarence H Rossin
Signature of Owner



Gale Tedder
Signature of Notary



MI Home Products, Inc.
650 West Market St.
P.O. Box 370
Gratz, PA 17030-0370

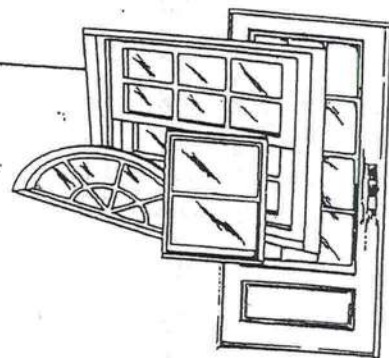
(717) 365-3300
(717) 362-7025 Fax

470 HP SLIDING GLASS DOOR

- Test Reports #CTLA-744W-B
- Comparative Analysis
- Installation Instructions/Fastener Schedule
- Sample Label

CERTIFIED TESTING LABORATORIES

Architectural Division • 7252 Narcoossee Rd. • Orlando, FL 32822
(407) 384-7744 • Fax (407) 384-7751
Web Site: www.ctlarch.com
E-mail: ctlarch.com



Report
Report Date: CTLA-744W-B
November 15, 2001

STRUCTURAL PERFORMANCE TEST REPORT

Client: MI HOME PRODUCTS
650 WEST MARKET STREET
P.O. BOX 370 GRATZ, PA. 17030-0370

Product Type and Series: Model 470 HP Aluminum Sliding Glass Door SGD-R40 (144" x 80")
Actual Structural Pressure D/P + 40 psf = Structural Test Pressure 60 psf
Actual Structural Pressure D/P - 40 psf = Structural Test Pressure 60 psf

Test Specification: AAMA/NWWDA 101/I.S. 2-97, "Voluntary Specification for Aluminum, Vinyl (PVC) Wood Windows and Glass Doors".

Test Specimen

Frame: The extruded aluminum main frame measured 143.75" x 80.25" overall. Coped and butted corner construction secured with two (2) #8 x .750", PH., pan head, SMS each corner. (Two (2) panel track.)

Configuration: OXO as viewed from the exterior left to right.

Panels: Two (2) fixed panels and one (1) active panel in center, measuring 48.25" x 78.5". One (1) astragal fixed panel left of center measuring 48.75" x 78.5". One (1) fixed panel right of center measuring 47.5" x 78.5". Clear lite opening for each measured 45" x 75". Coped and butted corner construction secured with one (1) #8 x .75" Pan head, S.M.S. fastener at each corner.

Weatherstripping:	Quantity	Description	Location
	Three (3) strips	Woolpile with integral plastic fin .170" high	Each Frame head/ left and right jambs
	Two (2) strips	Woolpile .300" high	Active panel bottom rail
	Two (2) strips	Woolpile with integral plastic fin .170" high	Inactive interlock panel stile
	One (1) strip	Woolpile .300" high	Threshold

Hardware & Location:	Quantity	Description	Location
	One (1)	Single steel roller assembly in steel housing	Active panel bottom rail each corner
	One (1)	Flush mount mortise lock	Active panel lock stile midspan
	One (1)	Metallic keeper	Astragal panel lock stile midspan
	One (1)	Panel stop	Left jamb



Glazing: 5/32" Clear tempered glass, channel or marine glazed with vinyl wrap around glazing gasket.

Sealant: A silicone type sealant was used to seal the main frame to the wooden test buck (interior & exterior). A narrow joint/ silicone type sealant was used at each frame corner.

Weep System: Two (2) weep notches located on frame sill .750" from each jamb.

Reinforcements: One (1) aluminum C- Bar measuring 3" x 1.421" x .250" located on active panel left stile. Secured with seven (7) #8 x .500" P.H., flat head fasteners. One (1) aluminum L shaped bracket measuring .125" x 1.500" x 2.250" located on frame head secured with #8 x .75" P.H., pan head, S.M.S. fasteners.

Additional Description: N/A

Installation: Head: Fourteen (14) #8 x 1.50" P.H., pan head, S.M.S. were used in two (2) parallel rows of seven (7). Measuring from left jamb 3.75", 28", 52", 73", 95.75", 115" and 139.75".
Sill: Seven (7) #8 x 1.25" P.H., flat head, S.M.S. were used on sill. Measuring from left jamb 5.75", 24", 48", 70", 95", 116" and 137.75".
Jambs: Eight (8) #8 x 1.25", P.H., S.S., S.M.S. were used in two (2) parallel rows of four (4). Measuring from head 3.5", 38", 42" and 74.5".

Surface Finish: Mill

Comment: Nominal 2 mil polyethylene film was used to seal against air leakage during structural loads. The film was used in a manner that did not influence the test results

Performance Test Results

<u>Paragraph No.</u>	<u>Title of Test</u>	<u>Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration @ 1.57 psf This test specimen exceeds performance levels specified in AAMA/NWWDA 101/I.S-97. Results reflected in two (2) decimals at the clients request.	ASTM E283-91	.24 cfm/ft ²	.34 cfm/ft ²
2.1.3/4.3	Water Resistance 5.0gph/ft WTP= 5.25 psf Unit tested with and without insect screen.	ASTM E547-93 Four (4) five (5) minute cycles ASTM E 331-93 One (1) fifteen (15) minute cycle	No Entry No Entry	No Entry No Entry
2.1.3/4.3	Water Resistance 5.0gph/ft WTP= 6 psf Unit tested with and without insect screen.	ASTM E547-93 Four (4) five (5) minute cycles ASTM E 331-93 One (1) fifteen (15) minute cycle	No Entry No Entry	No Entry No Entry



2.1.4.2/4.4.2	Uniform Load Structural Permanent Deformation @ 60 psf Positive @ 60 psf Negative	ASTM E330-90 Ten (10) second loading	.069" .271"	.314" .314"
2.1.8	Forced Entry Resistance Test A Test B Test C Test D, E & F Test G	AAMA 1303.5-76	.0" .0" .0" .0" .0"	1/2" 1/2" 1/2" 1/2" 1/2"
2.2.19.5.1	Operating Force Active Panel	AAMA/NWWDA 101/I.S-97 Measured to open/to keep in motion 15 lbs. 12 lbs.		Allowable to open/to keep in motion 30 lbs. 20 lbs.
2.2.19.5.2	Deglazing Top Rail 70 lbs. Bottom Rail 70 lbs. Lead Stile 50 lbs. Interlock Stile 50 lbs.	ASTM E987-88	.017"= .015"= .020"= .022"=	3.4% <100% 3.0% <100% 4.0% <100% 4.4% <100%

Test Date: August 4, 2001

Test Completion Date: August 4, 2001

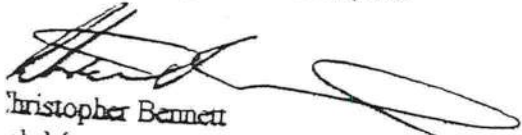
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Detailed drawings were available for laboratory records and comparison to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by CTL for a period of four (4) years. The results obtained apply only to the specimen tested.

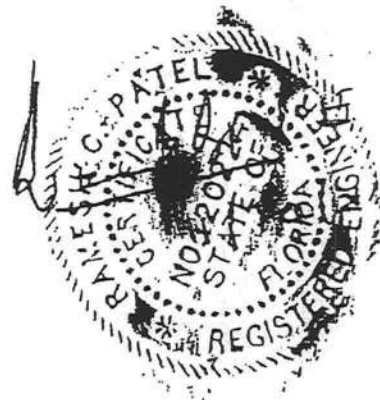
This test report does not constitute certification of this product, but only that the above test results were obtained using the designated test methods and they indicate compliance with the performance requirements (paragraphs as listed) of the above referenced specifications.

Certified Testing Laboratories assumes that all information provided by the clients is accurate and that the physical and chemical properties of the components are as stated by the manufacturer.

Certified Testing Laboratories, Inc.


Christopher Bennett
Lab Manager
Architectural Division

M. I. Home Products (2)
A.L.I. (2)
Ramesh Patel P.E. (1)
File (1)



APPLIED ENGINEERING CONCEPT, INC.

P. O. BOX 12-6403
HIALEAH, FL. 33012
TEL. (305) 820-0550
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TABLE OF CONTENT

- **ANCHOR VERIFICATION**
- **ANCHOR CALCULATION**
- **COMPARATIVE ANALYSIS**
- **GLASS VERIFICATION**

CLIENT:	MI HOME PRODUCTS
FILE NO.	02-0143
JOB NO.	02-0161
DATE:	12/05/01
SERIES:	SGD 470 HP

ED ENGINEERING CONCEPTS, INC.
J. BOX 12-6403
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CLIENT: MI HOME PRODUCT
FILE NO. 02-0143 DATE: 12/5/01
JOB NO. 02-0161
SHEET: 1 OF 6
REVISION

BENDING ON CANTILEVERED PORTION OF SCREWS

SCREWS OR BOLTS ARE CANTILEVERED
WITH 1 1/4" PENETRATION

0.250 INCHES

SCREW TYPE: 0.187 3/16"-1 3/4" TAPCONS

Fy = 65,000 PSI

Fb = 0.75 Fy X 4/3 = 65000 PSI (BENDING ON ANCHORS)

Fu = 100,000 PSI

Fv = 0.17 Fu X 4/3 = 22667 PSI (SHEAR ON ANCHORS)

MINOR DIAMETER AT THE SHANK = 0.187 INCHES

S = .098 D^3 = 0.00064 IN^3

AREA = 0.0275 INCHES SQUARE AT MINOR DIAMETER

CALCULATE MAXIMUM SHIM SPACE = 0.250

CALCULATING BENDING

b = PL/S = 51276 PSI

fb/Fb = 0.78886311 LESS THAN 1.0

SHEAR ON ANCHORS

v = P/A = 4786 PSI

fv/Fv = 0.21113689 LESS THAN 1.0

COMBINED BENDING PLUS SHEAR

$$(fb / Fb) + (fv / Fv) <= 1.0$$

P = 134 LBS



Discontinued
01/24/02

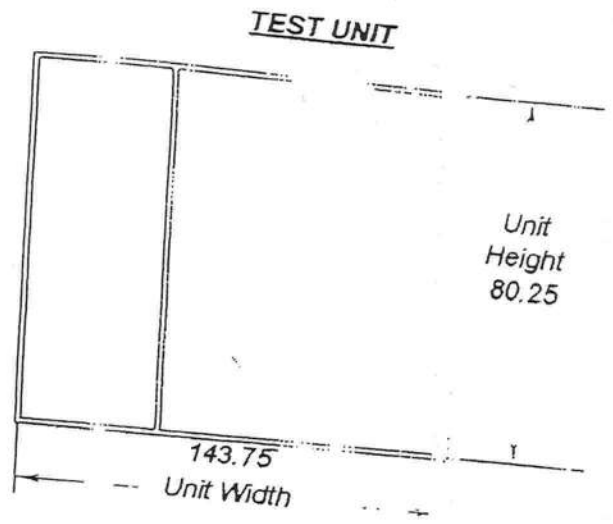
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CLIENT: MI HOME PRODUCT
FILE NO. 02-0143
JOB NO. 02-0161
SHEET: 2 DATE: 12/5/01
OF 6

"Test Unit"

Product: Alum. Sliding Glass Door
Series: SGD-470 HP
Lab. No.: CTLA-744W-B
Unit Width: 143.75 (in.)
Unit Height: 80.25 (in.)
Glass: 5/32" TEMPERED GLASS
Sill Ht.= 2.000" *Base on CTLA-744W-B*
WTP= 6.00 (PSF)
Reinf.: No
Panel Width: 48.8 (in.)
Panel Height: 78.5 (in.)
Area (A1)= 18.32357 (ft^2)
(DP+) P1= 40 psf int.
(DP-) P1= 40 psf ext.

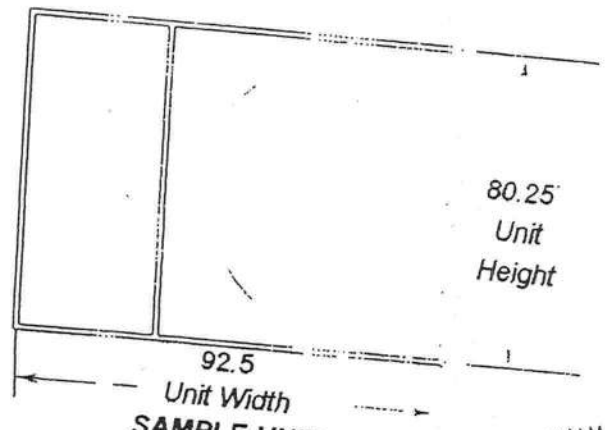
Kd1
62.174341
Kf1
6.3296284



"Comparative Unit"

Unit Width: 92.5 (in.)
Unit Height: 80.25 (in.)
Panel Width: 30.0 (in.)
Panel Height: 78.5 (in.)
Area (A2)= 13.22917 (ft^2)
(DP+) P2= 55.4 psf int.
(DP-) P2= 55.4 psf ext.

Kd +P2
65.919636
Kf +P2
6.8025076
Kd -P2
65.919636
Kf -P2
6.8025076



"CALCULATIONS"

A) Check Deflection.
 $P2 = P1 \times A1 \times L1^2 \times KD2 / (A2 \times L2^2 \times KD1) =$
(positive) 58.7 PSF
(negative) 58.7 PSF

B) Check Fiberstress.
 $P2 = P1 \times A1 \times L1 \times KF2 / (A2 \times L2 \times KF1) =$
(positive) 59.5427 PSF
(negative) 59.5427 PSF

C) Check Concentrated Load.
 $P2 = P1 \times A1 / A2 =$
(positive) 55.4 PSF
(negative) 55.4 PSF

NOTES:

Equivalent Design Pressure = (positive)
Equivalent Design Pressure = (negative)
Max. Structural Test Pressure For This Unit =
Max. Structural Test Pressure For This Unit =

SAMPLE UNIT

DP (POSITIVE)

P-stress	P-deflect	P-concd	P-lowest
59.54268	58.74097	55.40354	55.4

DP (NEGATIVE)

P-stress	P-deflect	P-concd	P-lowest
59.54268	58.74097	55.40354	55.4

Water Pressure
(Equivalent to D.P.)
(+ PSF) 40

(positive) 40.0 PSF
(negative) 55.4 PSF
(positive) 60.0 PSF
(negative) 83.1 PSF



R. Guillen
01/27/02

APPLIED ENGINEERING CONCEPT, INC.
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CLIENT: MI HOME PRODUCT
 FILE NO. 02-0143
 JOB NO. 02-0161
 SHEET: 3
 DATE: 12/5/01
 OF 6

Test Unit

Product:	Alum. Sliding Glass Door		Lab. No.:	CTLA-744W-B
Series:	SGD-470 HP		Glass:	5/32" TEMPERED GLASS
Test Size:	143 3/4" x 80 1/4"		Reinf.:	No
TEST PANEL SIZE:			Sill Height:	2.000"
Width (in)	48.75	Kd	WTP=	6.00
Length (in)	78.5	62.17434		
Area (ft²)	18.32357	Kf		
DP (psf)	40	6.329628		

Comparative Analysis Design Pressure						
Panel Length (in)	Panel Width (in)	5/32" TEMPERED GLASS		Double Row Fasteners At Jamb	Double Row Fasteners At Head	Fasteners At Interlock
		- PSF	+ PSF			
78.5	30	55.4	40.0	5	9	2
	36	48.5	40.0	5	9	2
	48	40.3	40.0	5	9	2



R. Guille
 6/19/02

APPLIED ENGINEERING CONCEPT, INC.
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DALEAH, FL. 33012
(305) 820-0550

FAX. (305) 820-9620

CLIENT: MI HOME PRODUCT
FILE NO. 02-0143
JOB NO. 02-0161
SHEET: 4
DATE: 12/5/01
OF 6

Test Unit		
Product:	Alum. Sliding Glass Door	
Series:	SGD-470 HP	
Test Size:	143 3/4" x 80 1/4"	
TEST PANEL SIZE:		
Width (in)	48.75	Kd
Length (in)	78.5	62.17434
Area (ft^2)	18.32357	Kf
DP (psf)	40	6.329628

Lab. No.:	CTLA-744W-B
Glass:	5/32" TEMPERED GLASS
Reinf.:	No
Sill Height:	2.000"
WTP=	6.00

Note: (to compare new unit to the unit tested)

NEW PANEL SIZE:		Comparative Unit						Design Pressure		
Width (in)	Length (in)	Kd	Kf	Area (ft^2)	P-stress	P-deflect	P-concl'd	- PSF	+ PSF	+ WTP (*)
								P- lowest	P+ lowest	+highest
30	78.5	65.91964	6.802508	13.22917	59.54268	58.74097	55.40354	55.4	40.0	40
36		64.50192	6.630426	15.125	50.7619	50.27315	48.45902	48.5	40.0	40
48		62.2868	6.344904	18.16667	40.44284	40.41845	40.34547	40.3	40.0	40

NOTES: * (positive) +Design Pressure Limited WTP max. performance.
Max. Water Test Pressure For This Unit = 6.00 PSF
Equivalent Design Water Test Pressure = 40 PSF



[Signature]
01/29/02

ANCHOR CALCULATION
TEST UNIT

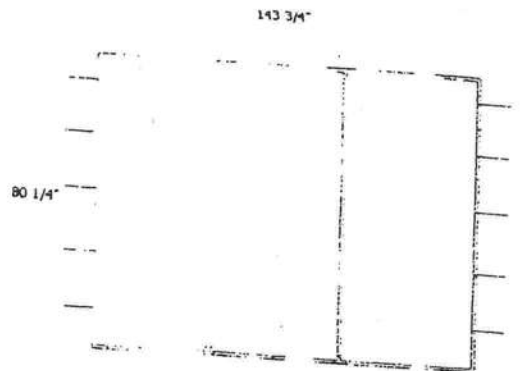
3/16" - 1 3/4" TAPCONS

DESIGN PRESSURE (+)	40	PSF
DESIGN PRESSURE (-)	40	PSF
TEST PRESSURE (+)	60	PSF
TEST PRESSURE (-)	60	PSF
PANEL WIDTH	48.75	INCHES
JAMB C.C. SPACING (MAX.)	18.312	INCHES
HEAD & SILL C.C. SPACING (MAX.)	19.875	INCHES
PANEL HEIGHT	78.5	INCHES
ANCHORS @ INTERLOCK	3	TOP
ANCHORS @ INTERLOCK	3	BOTTOM

SHEAR CAPACITY: 131 LBS ALLOWABLE
1/4" SHIM SPACE

SINGLE ROW AT HEAD/SILL

DOUBLE ROW AT JAMBS



48.75

INSTALLATION DIAGRAM

FASTENERS
6 1/8" APART

POSITIVE

DESIGN PRESSURE :	40	PSF
TEST PRESSURE :	60	PSF

TESTED UNIT FASTENER CALCULATION

AT DESIGN PRESSURE

TRIBUTARY AREA OF FASTENERS:

1/4"-2 1/4" F.H. TAPCONS	JAMB
	JAMB
1/4"-2 1/4" F.H. TAPCONS	HEAD/SILL
	HEAD/SILL

JAMBS

	3.10	S.F.
(+) D.P.	123.99	LBS. PER PAIRS OF FAST
(-) D.P.	123.99	LBS. PER PAIRS OF FAST
(+) D.P.	134.57	LBS. PER PAIRS OF FAST
(-) D.P.	134.57	LBS. PER PAIRS OF FAST

HEAD/SILL

	3.36	S.F.
	62.0	LBS. PER/FAST
	62.0	LBS. PER/FAST
	67.3	LBS. PER/FAST
	67.3	LBS. PER/FAST

TRIBUTARY AREA OF FASTENER AT INTERLOCK :

1/4"-2 1/4" F.H. TAPCONS	TOP
	TOP
1/4"-2 1/4" F.H. TAPCONS	BOTTOM
	BOTTOM

	18.32	S.F.
(+) D.P.	366.47	LBS.
(-) D.P.	366.47	LBS.
(+) D.P.	366.47	LBS.
(-) D.P.	366.47	LBS.

122.2	LBS. PER/FAST
122.2	LBS. PER/FAST
122.2	LBS. PER/FAST
122.2	LBS. PER/FAST

AT 1.5 TIMES DESIGN PRESSURE

TRIBUTARY AREA OF FASTENER AT JAMBS :

1/4"-2 1/4" F.H. TAPCONS	JAMB
	JAMB
1/4"-2 1/4" F.H. TAPCONS	HEAD/SILL
	HEAD/SILL

	3.10	S.F.
(+) S.T.P.	185.98	LBS. PER PAIRS OF FAST
(-) S.T.P.	185.98	LBS. PER PAIRS OF FAST
(+) S.T.P.	201.86	LBS. PER PAIRS OF FAST
(-) S.T.P.	201.86	LBS. PER PAIRS OF FAST

92.99	LBS. PER/FAST
92.99	LBS. PER/FAST
100.93	LBS. PER/FAST
100.93	LBS. PER/FAST

TRIBUTARY AREA OF FASTENER AT INTERLOCK :

1/4"-2 1/4" F.H. TAPCONS

	18.32	S.F.
(+) S.T.P.	549.71	LBS.
(-) S.T.P.	549.71	LBS.

183.24	LBS. PER/FAST
--------	---------------

PROPOSED FASTENERS FOR FIELD INSTALLATION:

3/16" x 1 3/4" TAPCONS WITH A 1 1/4" MIN. EMBEDMENT:



Resub
01/25/02

APPLIED ENGINEERING CONCEPTS, INC.
P.O. BOX 12-6403
HIALEAH, FL 33012
TEL: (305) 820-0550 FAX: (305) 820-9620

CLIENT: Mi Home Products
FILE NO. 02-0130 DATE: 12/5/01
JOB NO. 02-0161
SHEET: 6 OF 6

ASTM E 1300 Glass Load Resistance Report

JOB DETAILS:

File Name: Mi Home Products
Glass Location: Sliding Glass Door
Project Name: Mi Home Products

WINDOW GLASS DETAILS:

Rectangular Dimensions:	Width: 46" in. Width: 76" in. Height:
Window Construction:	Monolithic
Window Orientation:	Vertical
Nominal Thickness:	5/32"
Window Glass Type:	Tempered

SHORT DURATION LOAD, RESISTANCE AND DEFLECTION DATA:

Load (≤60 sec.):	66.1
Factored Resistance:	84.4 psf
Approximate Center of Glass Deflection:	1.4 in.

CONCLUSION:

Base on your design information, this glass configuration will resist the specified loading.

STATEMENT OF COMPLIANCE:

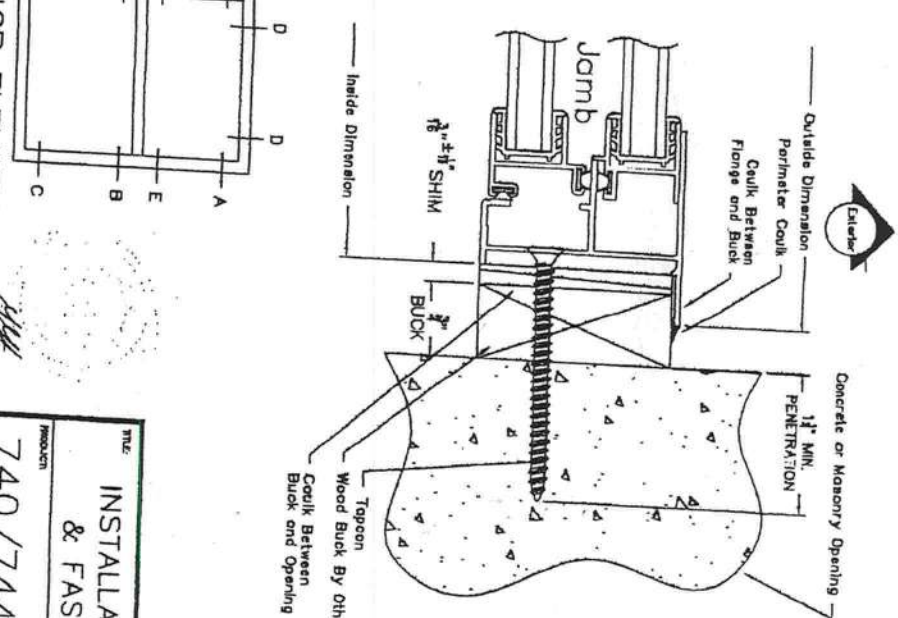
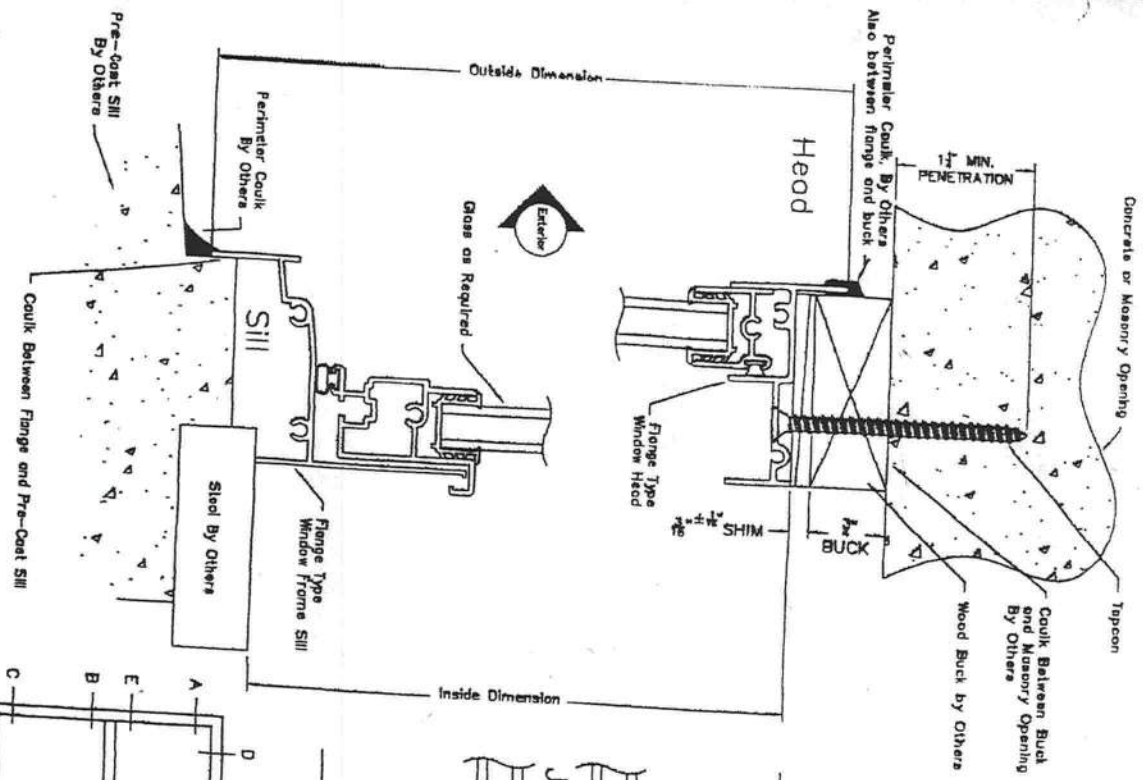
Procedures followed in determining the resistance of this window glass configuration are in accordance with ASTM E 1300-97.

DISCLAIMER:

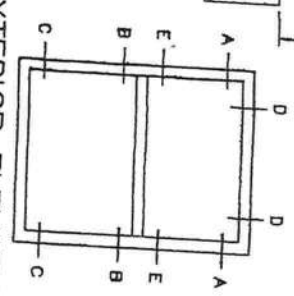
This software can be used to determine the load resistance of specified glass types exposed to uniform lateral loads of short or long duration subject to the following conditions:

- The glass is free of edge and surface damage and has been properly glazed in the opening in conformance with the manufacturers recommendations;
- The glass is supported on all four sides by a framing system sufficiently stiff to limit lateral deflection of the glass edge (not center of glass) less than to $L/175$ of the glass edge length;
- The laminated glass factors for short term loads are representative of room temperature data to which the glass is exposed.

For other limiting conditions that may apply, refer to Section 5 of ASTM E1300 and local building codes.



EXTERIOR ELEVATION



1. Shim as required at each installation anchor as shown, with load bearing shim.
2. Anchor must be of sufficient length to provide 1 1/4" min. embedment into masonry or concrete.
3. Caulk between window flange and buck.
4. Caulk full perimeter of window.
5. If exact window size is not given, use anchor quantity for next larger window in chart.
6. Glass thickness will vary with window size and design load, and must comply with ASTM E1300.
7. Letter designations on the topcon location chart indicate where anchors are to be installed using the elevation chart as a key.
8. All factory applied holes not designated for topcon* should be filled with #8 screws of sufficient th. to provide 5/8" min. embedment into wood buck.



TOPCON * LOCATION CHART			
CODE SIZE	WINDOW ID SIZE	FASTENER LOCATIONS	
		DP36 TO DP52	DP52.1 TO DP70.8
12	18 1/8 x 25	A, C	A, C
13	18 1/8 x 37 3/8	A, C	A, C
14	18 1/8 x 49 5/8	A, C	A, C
15	18 1/8 x 62	A, C	A, B, C
16	18 1/8 x 71 1/4	A, C	A, B, C
1/2 32	25 1/2 x 25	A, C	A, C
1/2 33	25 1/2 x 37 3/8	A, C	A, C
1/2 34	25 1/2 x 49 5/8	A, C	A, B, C
1/2 35	25 1/2 x 62	A, B, C	A, B, C
1/2 36	25 1/2 x 71 1/4	A, B, C	A, B, C
22	36 x 25	A, C	A, C
23	36 x 37 3/8	A, C	A, B, C
24	36 x 49 5/8	A, B, C	A, B, C
245	36 x 55 1/4	A, B, C	A, B, C
25	36 x 62	A, B, C	A, B, C
26	36 x 71 1/4	A, E, C	A, B, C, D
32	52 1/8 x 25	A, C	A, C
33	52 1/8 x 37 3/8	A, C	A, B, C
34	52 1/8 x 49 5/8	A, E, C	A, B, C
345	52 1/8 x 55 1/4	A, E, C	A, B, C, D
35	52 1/8 x 62	A, E, C	A, B, C, D
36	52 1/8 x 71 1/4	A, B, C, D	A, B, C, D, E

*"TOPCON" TYPE HARDENED MASONRY SCREWS
INCLUDE TOPCON, RAWL, & SIMPSON
Design Pressure values listed above are in PSF

TITLE		DRAWN BY		DATE	
INSTALLATION INSTRUCTIONS & FASTENER SCHEDULE		S.W.		1/15/02	
PRODUCT		CHECKED		DATE	
740/744 SINGLE HUNG		SCALE		SHEET	
		NONE		1 of 1	
		DWG. NO.		REV	
		INST740		-	

THIS FENESTRATION PRODUCT COMPLIES* WITH THE
NEW FLORIDA BUILDING CODE
FOR RESIDENTIAL BUILDINGS WITH A MEAN ROOF HEIGHT OF 30 FT. OR LESS,
EXPOSURE "B" (WHICH IS INLAND OF A LINE THAT IS 1500 FT. FROM THE COAST),
AND WALL ZONE "5" (INSTALLED NEAR THE CORNER OF THE BUILDING).

PER ASTM E1300, THE CORRECT GLASS THICKNESS, BASED ON THE NEGATIVE
DESIGN PRESSURE (DP) LISTED BELOW, HAS BEEN INSTALLED IN THIS UNIT.
THE GLASS THICKNESS IS BASED ON ITS' WIDTH, HEIGHT, AND ASPECT RATIO.

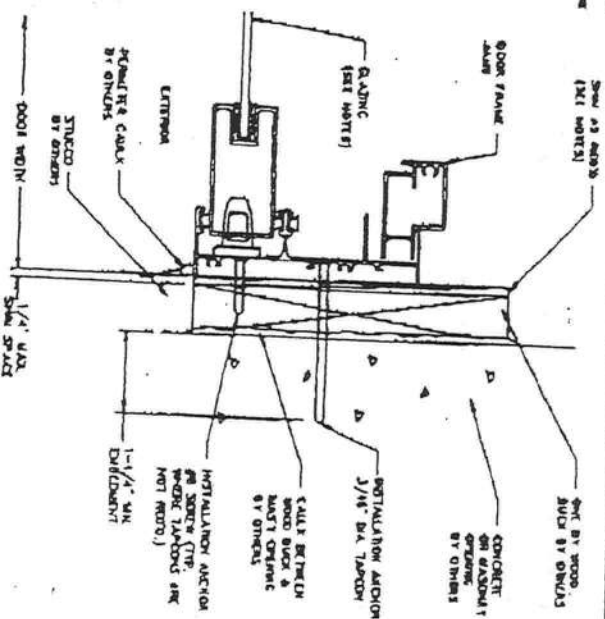
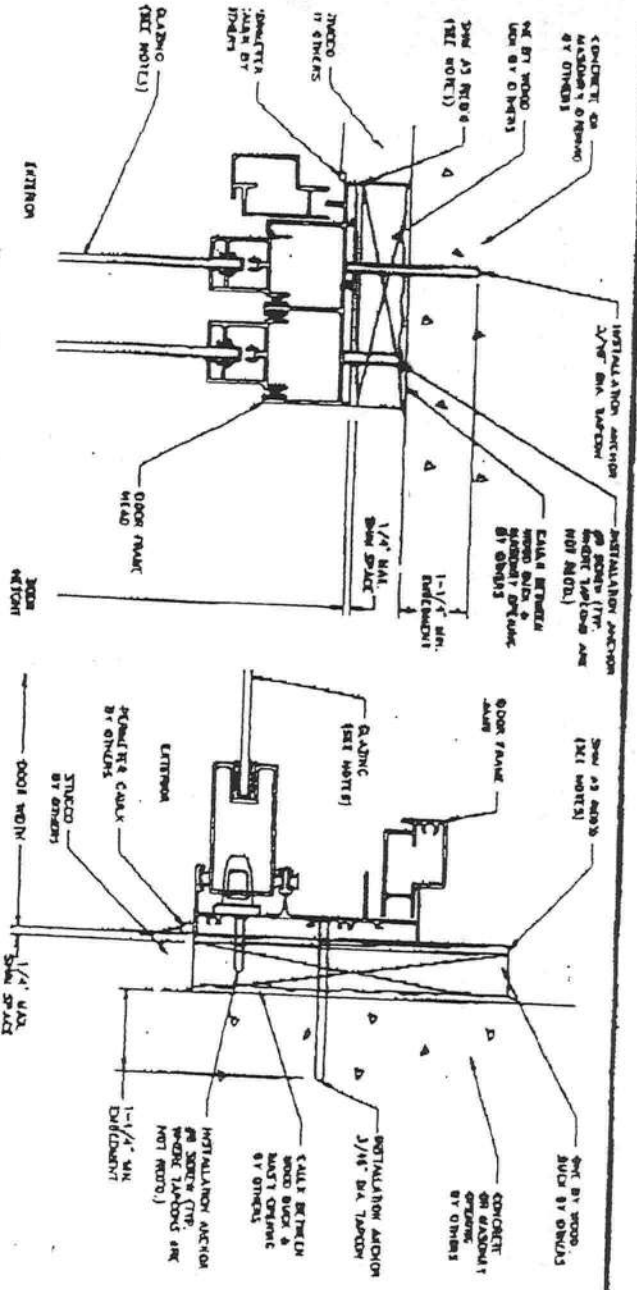
Series 470HP SLIDING GLASS DOOR – all 6'-8" High Panels

- | | |
|--------------|--------------------|
| • 2'-6" WIDE | DP + 40.0 / - 55.4 |
| • 3'-0" WIDE | DP + 40.0 / - 48.5 |
| • 4'-0" WIDE | DP + 40.0 / - 40.3 |

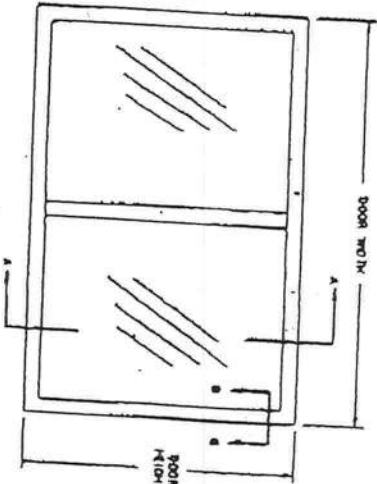
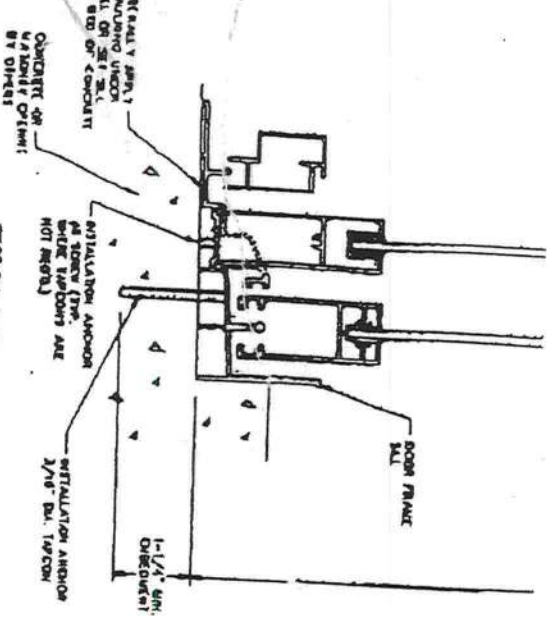
THIS PRODUCT MEETS THE REQUIREMENTS FOR STRUCTURAL LOADS, WATER AND
AIR INFILTRATION PER ATTACHED AAMA PERFORMANCE LABEL. BE ADVISED THAT
IF LOADS ARE PLACED UP TO OR EXCEEDING THE TESTED LEVELS, THIS PRODUCT
MAY BE ALTERED IN SUCH A WAY THAT FUTURE PERFORMANCE WILL BE REDUCED.

* COMPLIANCE MUST INCLUDE INSTALLATION ACCORDING TO
MANUFACTURER'S INSTRUCTIONS AND FLORIDA CODE REQUIREMENTS.

MIP-686

[illegible]

SECTION 0-8



EXTERIOR ELEVATION

MI HOME PRODUCTS
GRATZ, PA.

SENELS 470 SUDING GLASS DOOR
INSTALLATION WITH TAPWARE

MAVRAK MARPAZ

ACCOUNT CIVIL

2017

2010

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5201. 7.95 1.11.

P.04/04



MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

PRODUCT CONTROL NOTICE OF ACCEPTANCE

PGT Industries
1070 Technology Drive
Nokomis, FL 34275

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 375-6339

Your application for Notice of Acceptance (NOA) of:
SH-701 Aluminum Single Hung Window Impact Resistant
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 01-0629.08
EXPIRES: 11/01/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE ☐

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 11/01/2001

\\s0450001\pc2000\templates\notice acceptance cover page.dot

Internet mail address: postmaster@buildingcodeonline.com  Homepage: <http://www.buildingcodeonline.com>

ACCEPTANCE No. : 01-0629.08

APPROVED : November 01, 2001

EXPIRES : November 01, 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

This revises & renews Notice of Acceptance No. 98-0223.01, which was issued on October 22, 1998. It approves an aluminum single hung window, as described in Section 2 of this Notice of Acceptance, designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

The Series SH-701 Aluminum Single Hung Window - Impact and its components shall be constructed in strict compliance with the following document: Drawing No. 4040, titled "SH-701 Aluminum Single Hung window" Sheets 1 thru 4 of 4, prepared by manufacturer, dated 2/9/98, 08-18-98 and last revised on 10-11-2001, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications only, as shown in approved drawings.
3.2 Water infiltration requirements: see design pressure table.

4. INSTALLATION

- 4.1 The aluminum single hung window and its components shall be installed in strict compliance with the approved drawings.
4.2 The installation of this product will not require a hurricane protection system.

5. LABELING

- 5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
6.1.1 This Notice of Acceptance.
6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda
Ishaq I. Chanda, P.E., Product Control Examiner
Product Control Division

Vinyl Tech/Progressive Glass Technology

ACCEPTANCE No. : 01-0629.08

APPROVED : November 01, 2001

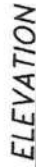
EXPIRES : November 01, 2006

NOTICE OF ACCEPTANCE: STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documents, including test-supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approval", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a. There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes.
 - b. The product is no longer the same product (identical) as the one originally approved.
 - c. If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product.
 - d. The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a. Unsatisfactory performance of this product or process.
 - b. Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
6. The Notice of Acceptance number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer needs not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Ishaq I. Chanda
Ishaq I. Chanda, P.E., Product Control Examiner
Product Control Division



1.) GLAZING OPTIONS: A. 5/16" (.350) LAMINATED GLASS
(1/8" annealed/.090 film/1/8" annealed)
B. 5/16" (.350) LAMINATED GLASS
(1/8" heat strengthened/.090 film/1/8" heat strengthened)

- 2.) CONFIGURATIONS: OX
3.) DESIGN PRESSURE RATING: SEE TABLE
4.) ANCHORS:
MAX. 5 1/4" FROM EACH CORNER (HEAD & SILL)
MAX. 6" FROM EACH CORNER (JAMBS)
MAX. SPACING AT HEAD & SILL: 13.000
MAX. SPACING AT JAMBS: 13.125
5.) SHUTTER REQUIREMENT:
NO SHUTTERS REQUIRED
6.) REFERENCE TEST REPORT: FL-1889

DESIGN PRESSURE RATING (P.S.F.)			
5/16 LAMINATED W/ ANNEALED GLASS		5/16 LAMINATED W/ HEAT STRENGTHENED GLASS	
WATER INFILTRATION	WATER INFILTRATION NOT REQUIRED	WATER INFILTRATION NOT REQUIRED	WATER INFILTRATION NOT REQUIRED
-50.0	+50.0	-80.0	+80.0

RECEIVED NO. 1177 NOVEMBER 1966

EXPIRATION DATE 1-1-1965

By Shag Product Control Division

BUILDING CODE COMPLIANCE CHECKLIST

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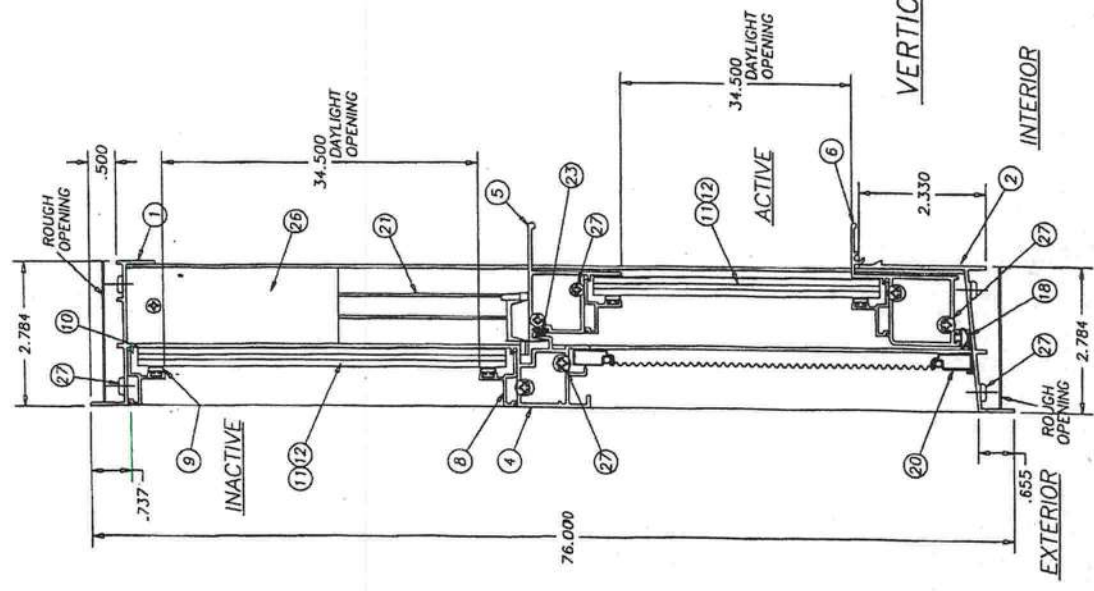
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WINDOW

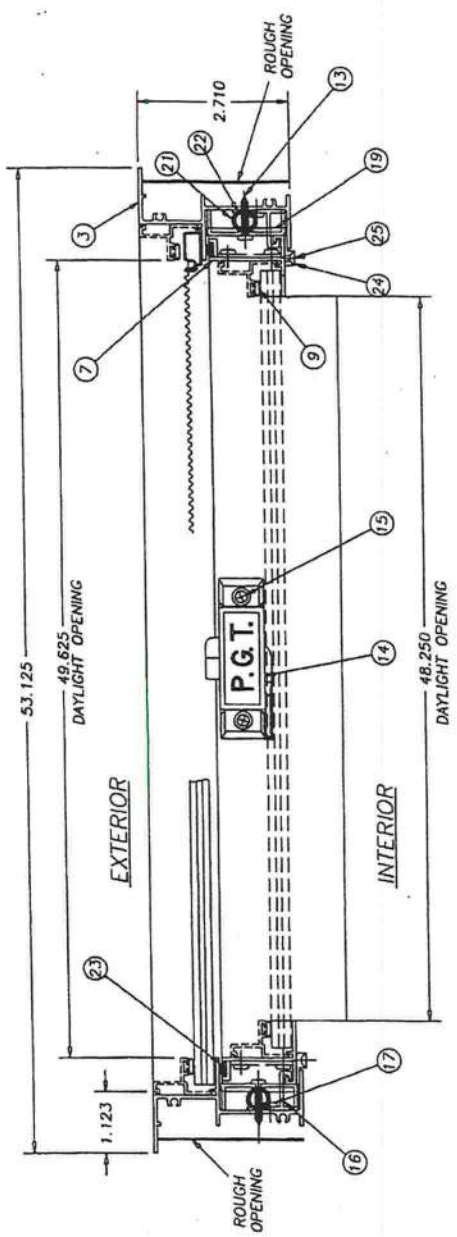
WINDOW	Res-
	Residing No

4040 B

1000



VERTICAL SECTION



HORIZONTAL SECTION

Robert L. Clark, P.E.
 Robert L. Clark, P.E.
 PE #39712
 Structural



1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1539
 NOKOMIS, FL 34274

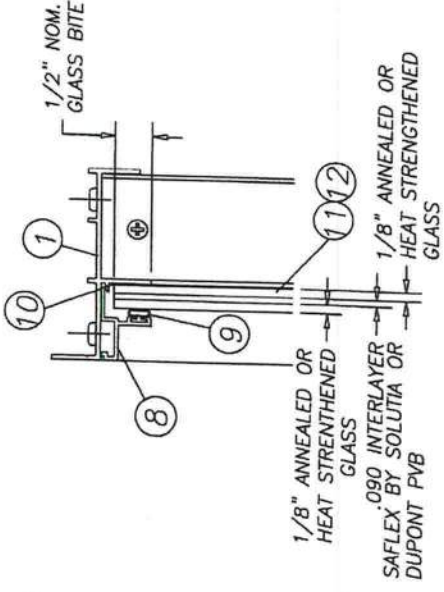
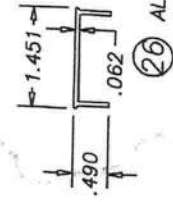
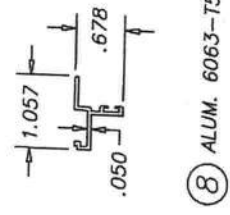
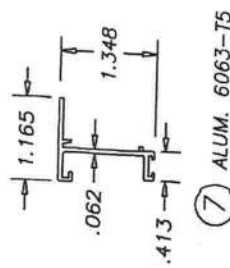
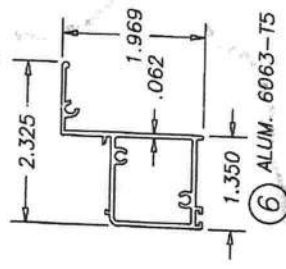
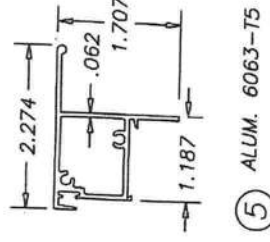
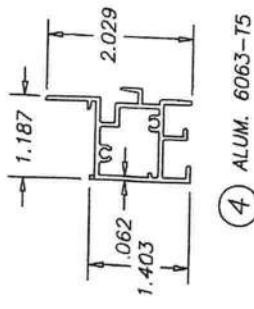
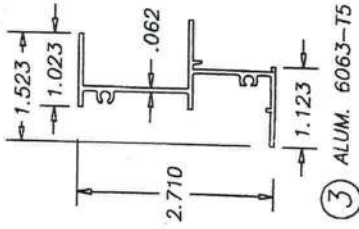
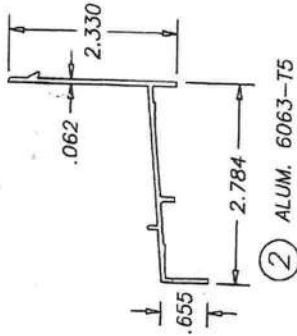
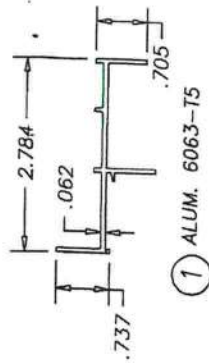
SECTIONS

Revised By:	Date:	Revisions:
F.K.	10/11/01	TB, TABLE, EXTR.
D.B.	8/18/98	Revisions:
D.B.	2/9/98	

PRODUCT RENEWED
 ACCEPTANCE No. 01-0629-08
 EXPIRATION DATE: 12/31/2006
 By: *Robert L. Clark*
 PRODUCT CONTROL DIVISION
 BUILDING CODES COMPLIANCE OFFICE

Title: ALUMINUM SINGLE HUNG WINDOW
 Series/Model: SH-701
 Scale: NTS
 Sheet: 2 of 4
 Drawing No. 4040
 Rev: B

REFERENCE TEST REPORT: FTL-1889



Robert L. Clark, PE.
10/14/11
PE #39712
Structural



1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1329
NOKOMIS, FL 34274

EXTRUSIONS & GLAZING OPTIONS

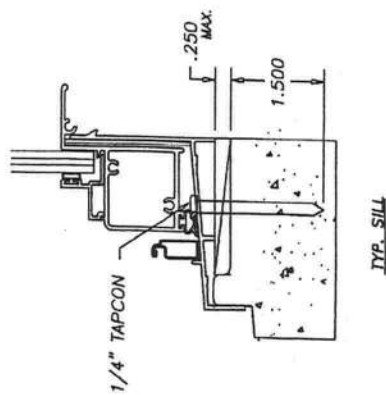
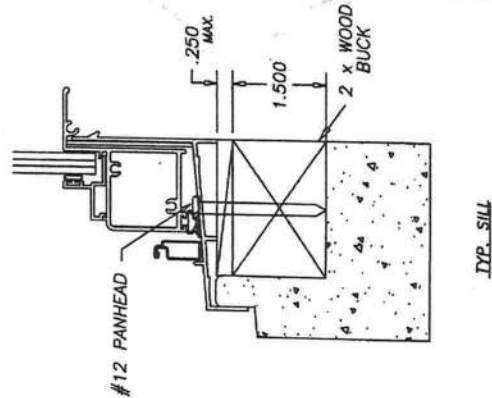
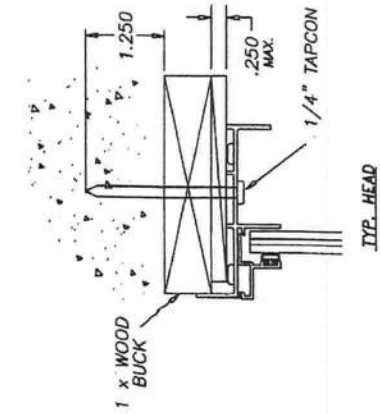
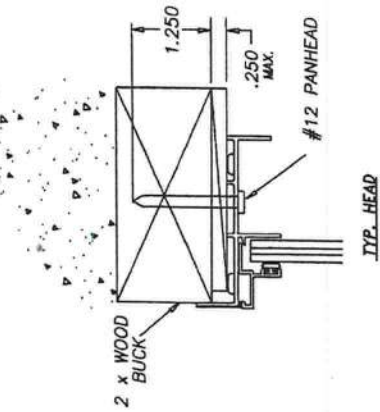
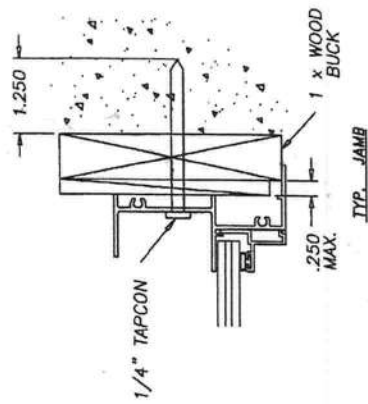
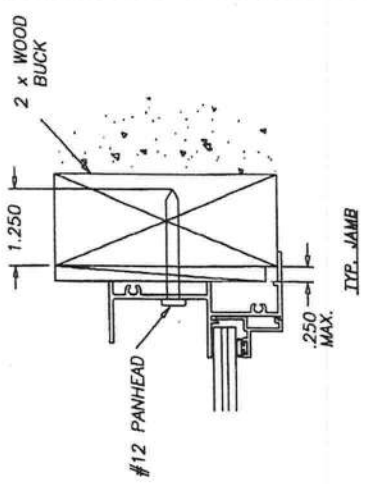
ALUMINUM SINGLE HUNG WINDOW

Series/Model:	SH-701	Scale:	NTS	Sheet:	3 of 4	Drawing No.	4040	Rev:	B
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PRODUCT RENEWED
ACCEPTANCE NO. 01-0629.0X
EXPIRATION DATE 2/28/2006
By: [Signature]
PRODUCT RENEWAL DIVISION
BUILDING CODE COMPLIANCE OFFICE

Revised By:	Date:	Revisions:
F.K.	10/11/01	TB, TABLE, EXTR.
D.B.	8/18/98	Revisions:
D.B.	2/9/98	

REFERENCE TEST REPORT: FTL-1889



PRODUCT RENEWAL
 ASSISTANCE IN 01-0629 OK
 EXPIRATION DATE 2/28/2000/2000
 BY 1/2/99 1/2/99
 PRODUCT RENEWAL SYSTEM
 BUILDING CODE COMPLIANCE

Revised By:	Date:	Revisions:
F.K.	10/11/00	TB, TABLE, EXTR.
D.B.	8/18/98	Revisions:
D.B.	2/9/98	

PRT INDUSTRIES

1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

Robert L. Clark, P.E.
10/11/00

Robert L. Clark, P.E.
 PE #39712
 Structural

Description:
ANCHORAGE

Title:	ALUMINUM SINGLE HUNG WINDOW
Series/Model:	SH-701
Scale:	NTS
Sheet:	4 of 4
Drawing No.	4040
Rev:	B

REFERENCE TEST REPORT: FTL-1889

**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

Allen H. Reeves
1 APRIL 2002



Architectural Testing

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: 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 foam 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 N. Reum
1 APRIL 2002



Test Specimen Description: (Continued)

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
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 x 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:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper		Midspan, active meeting rail with keeper adjacent on fixed meeting rail
Plastic tilt latch	2	Active sash, meeting rail ends
Metal tilt pin	2	Active sash, bottom rail ends
Balance assembly	2	One in each jamb
Screen plunger	2	4" from rail ends on top rail

Allen H. Reeves
1 APRIL 2002



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:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
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
<i>Note #1: The tested specimen meets the performance levels specified in AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>			
	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) @ 34.7 psf (negative)	0.42"* 0.43"*	0.26" max. 0.26" max.
<i>*Exceeds L/175 for deflection, but passes all other test requirements.</i>			
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) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.

Allen N. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	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	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.00 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds)		
	@ 45.0 psf (positive)	0.47"	0.26" max.
	@ 47.2 psf (negative)	0.46"	0.26" max.

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

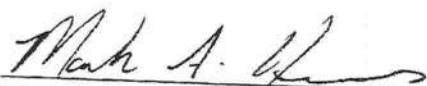
Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds)	
@ 67.5 psf (positive)	0.05"
@ 70.8 psf (negative)	0.05"

Allen N. Reeves
1 APRIL 2002



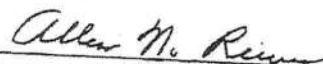
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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

For ARCHITECTURAL TESTING, INC:



Mark A. Hess
Technician

MAH:nlb
01-41134.01



Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002



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

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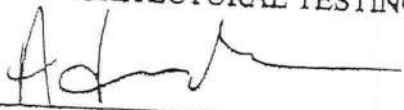
MI HOME PRODUCTS, INC.

SERIES/MODEL: 450/480/650/680
TYPE: Aluminum Fixed Window
RATING: F-C80 72 x 96

Title of Test	Results
Overall Design Pressure	80 psf
Air Infiltration	<0.01 cfm/ft ²
Water Resistance	12.0 psf
Structural Test Pressure	+120.0 psf
Forced Entry Resistance	Grade 10

Reference should be made to Report No. 01-38781.01 for complete test specimen description and data.

For ARCHITECTURAL TESTING, INC.


Adam Fodor, Technician

AF:tjp

Test Specimen Description: (Continued)

Frame Construction: The frame was constructed of thermally broken extruded aluminum members with coped, butted and sealed corners fastened with two screws each.

Drainage: No fabricated drainage was utilized.

Reinforcement: No reinforcement was utilized.

Installation: The test unit was installed into the 2" x 8" Spruce-Pine-Fir #2 wood test buck utilizing the integral nailing fin bedded in polyurethane sealant. The nailing fin was secured to the buck with a 1" roofing nail at each corner, midspan of the head and sill, and two spaced evenly at the jambs.

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.1.2	Air Infiltration per ASTM E 283 (See Note #1) @ 1.57 psf (25 mph)	<0.01 cfm/ft ²	0.3 cfm/ft ² max.
<i>Note #1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/NWDA 101/I.S. 2-97 for air infiltration.</i>			
	Water Resistance per ASTM E 547 WTP = 4.5 psf	No leakage	No leakage
2.1.4.2	Uniform Load Structural per ASTM E 330 (Measurements reported were taken on the jamb) @ 45.0 psf (exterior) @ 45.0 psf (interior)	0.02" 0.02"	0.38" max. 0.38" max.
	Forced Entry Resistance per ASTM F 588-97 Type: D Grade: 10		
	Hand Manipulation Test	No entry	No entry
<u>Optional Performance</u>			
4.3	Water Resistance per ASTM E 547 and 331 WTP = 12.0 psf	No leakage	No leakage
	Uniform Load Structural per ASTM E 330 (Measurements reported were taken on the jamb) @ 120.0 psf (exterior) @ 120.0 psf (interior)	0.03" 0.04"	0.38" max. 0.38" max.

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
Page 1 of 1 Document ID:1SR2487-Z0106085425

752-9495

Cell 386-344-5797

Truss Fabricator: Anderson Truss Company
Job Identification: 5-425-CLARENCE ROSSIN
Truss Count: 24
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.04.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

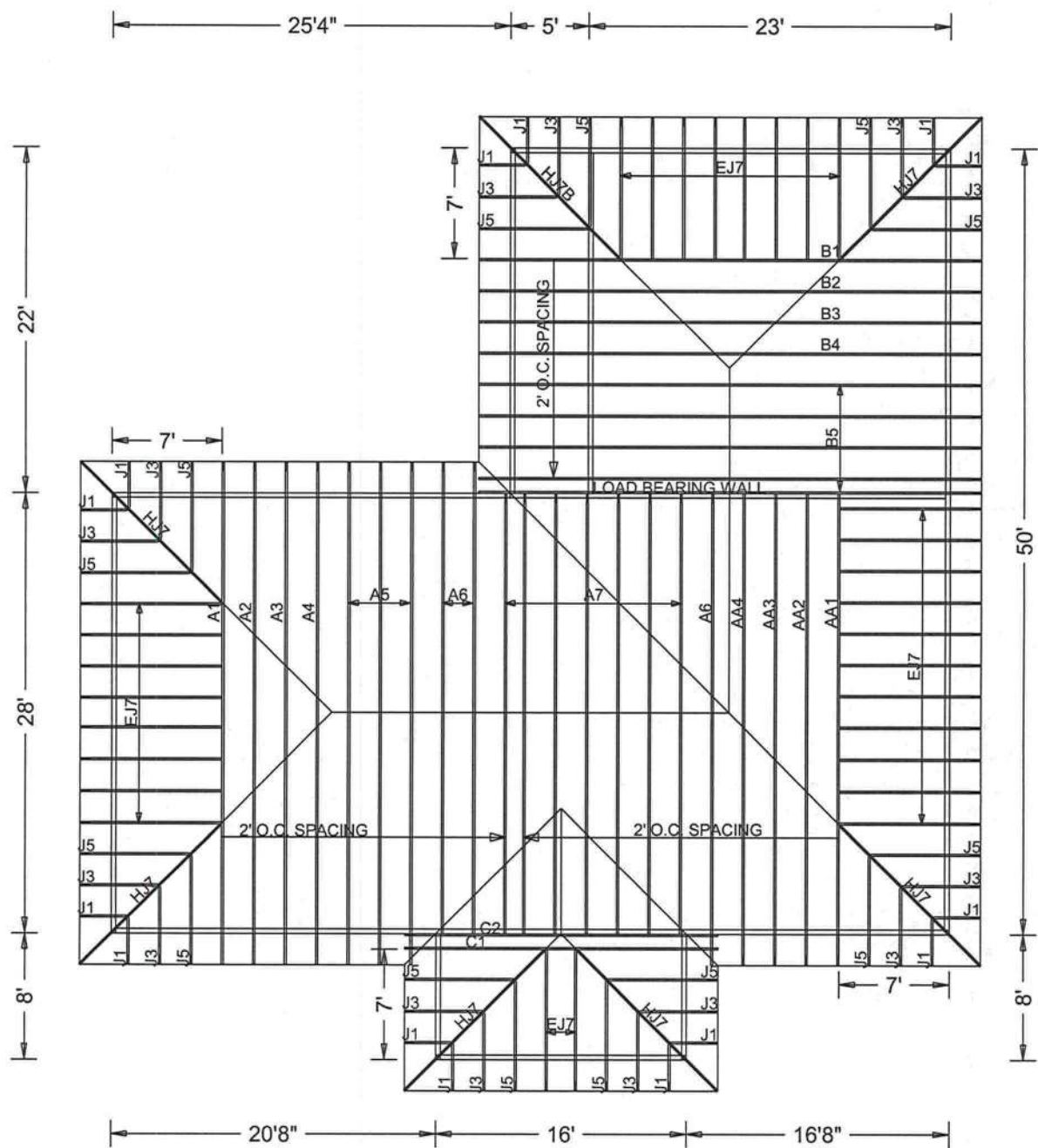
No Standard Details

Seal Date: 10/06/2005

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

#	Ref	Description	Drawing#	Date
1	03809--B1		05279017	10/06/05
2	03810--A1		05279018	10/06/05
3	03811--AA1		05279019	10/06/05
4	03812--B2		05279001	10/06/05
5	03813--A2		05279002	10/06/05
6	03814--AA2		05279003	10/06/05
7	03815--B3		05279004	10/06/05
8	03816--A3		05279005	10/06/05
9	03817--AA3		05279006	10/06/05
10	03818--B4		05279007	10/06/05
11	03819--A4		05279008	10/06/05
12	03820--AA4		05279009	10/06/05
13	03821--A5		05279010	10/06/05
14	03822--A6		05279011	10/06/05
15	03823--A7		05279012	10/06/05
16	03824--B5		05279013	10/06/05
17	03825--C1		05279020	10/06/05
18	03826--C2		05279014	10/06/05
19	03827--HJ7		05279021	10/06/05
20	03828--HJ7B		05279022	10/06/05
21	03829--EJ7		05279023	10/06/05
22	03830--J5		05279015	10/06/05
23	03831--J3		05279016	10/06/05
24	03832--J1		05279024	10/06/05





10/5/05

#5-425 CLARENCE ROSSIN

Scale: 3/32" = 1'

** Negative reaction(s) of -327# MAX. (See below) from a non-wind load case requires uplift connection.

Bot chord 2x6 SP #1 Dense

	SP #1	Dense		SP #2	Dense:
Webs	2x4	SP		W6	2x4

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

 $C_d/RT=1.00(1.25)/10(0)$

Scale = .1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. TO PREVENT DISASTROUS COLLAPSE (SEE INFORMATION), PUBLISHED BY THE PROTECTIVE PLATE INSTITUTE, 563 W. MONROE DR., SUITE 100, CHICAGO, ILL. 60606, FOR SPECIFIC INSTRUCTIONS PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED TOP CHORD CAPPING.

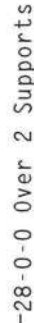
****IMPORTANT****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALL

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
E1 Certificate of Authorization # 567

FL Certificate of Authorization # 567

TC LL	20.0	PSF	REF	R487 --	3809
TC DL	10.0	PSF	DATE	10/06/05	
BC DL	10.0	PSF	DRW	HCUSR487	05279017
BC LL	0.0	PSF	HC-ENG	DF/AF	
TOT.LD.	40.0	PSF	SEQN-	12483	
DUR.FAC.	1.25				
SPACING	SEE ABOVE		JREF-	1SR2487	Z01

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



R=2380 U=1028 W=3.5"

7.04.0

Scale = .25"/Ft.

DEF D497 - 3011

HC-ENG DF/AF	12489
SEQN-	

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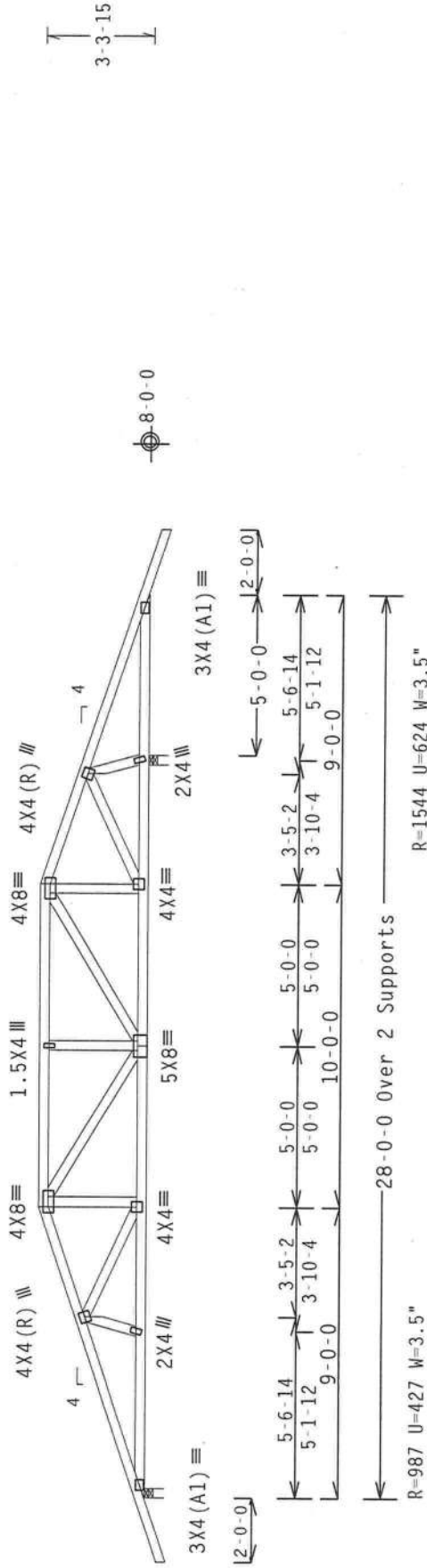
1DEC 1 1989 107 70

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

110 mph wind, 9.49 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

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



PLT TYP.: Wave

Design Crit: TPI-2002(STD)/FBC

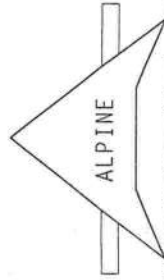
 $C_d/RT=1.00(1.25)/10(0)$

7.

PTY.1

EI 1-1A1-1-1D1-

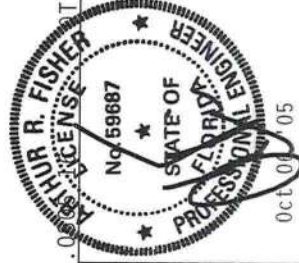
Scale = .1875"/Ft.



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

[illegible]

* * * IMPORTANT * * * FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS' PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP12, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, SHALL BE THE RESPONSIBILITY OF THE USER. PROVISIONS (GENERAL SPEC. BY AAPAA) AND TYPICAL ALPINE CONNECTOR PLATES ARE MADE OF 6061-T6 ALUMINUM. ALL OTHERS MUST BE IDENTIFIED BY THE USER. ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (U) SHALL BE PER AMENX 4.3 OF TP11-2002 SEC. 3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNING AND MANUFACTURING IT. NO PART OF THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER (PER AMENX/TP11-1 SEC. 2).



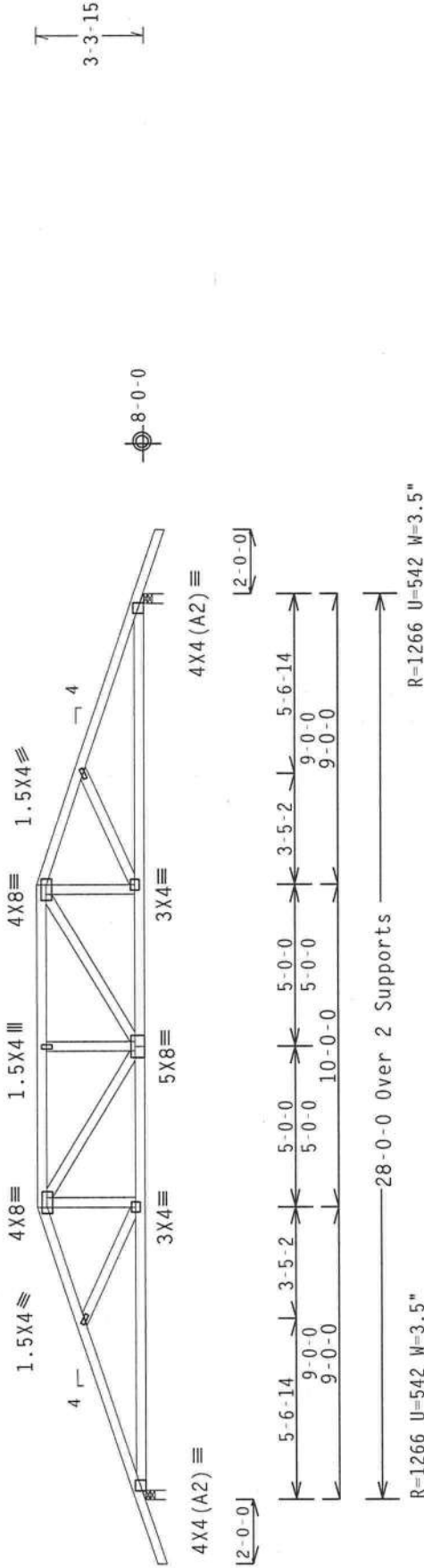
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TC DL	10.0	PSF	DATE	10/06/05	
BC DL	10.0	PSF	DRW	HCUSR487	05279001
BC LL	0.0	PSF	HC-ENG	DF/AF	*
TOT.LD.	40.0	PSF	SEQN-	12492	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR2487_Z01	

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

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

110 mph wind, 9.49 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.04

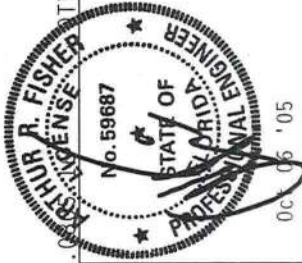
Scale = .1875"/Ft.

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****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/ASA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/166A (4-H/5/8) ASTM A653 GRADE 40/60 (44 K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	FL/-/4/-/-/R/-	Scale = .1875"/Ft.
TC DL	10.0 PSF	REF	R487 -- 3813
BC DL	10.0 PSF	DATE	10/06/05
BC LL	0.0 PSF	DRW	HCUSR487 05279002
TOT.LD.	40.0 PSF	HC-ENG	DF/AF
DUR.FAC.	1.25	SEQN	12495
SPACING	24.0"	JREF	1SR2487_Z01

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



Scale = .25"/Ft.

TC LL	20.0 PSF	REF R487-- 3814
TC DL	10.0 PSF	DATE 10/06/05
PC DL	10.0 PSF	DRAWN BY 10/06/05

BC LL	0.0	PSF	
TOT.LD.	40.0	PSF	SEQN- 12501
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SR2487 Z01

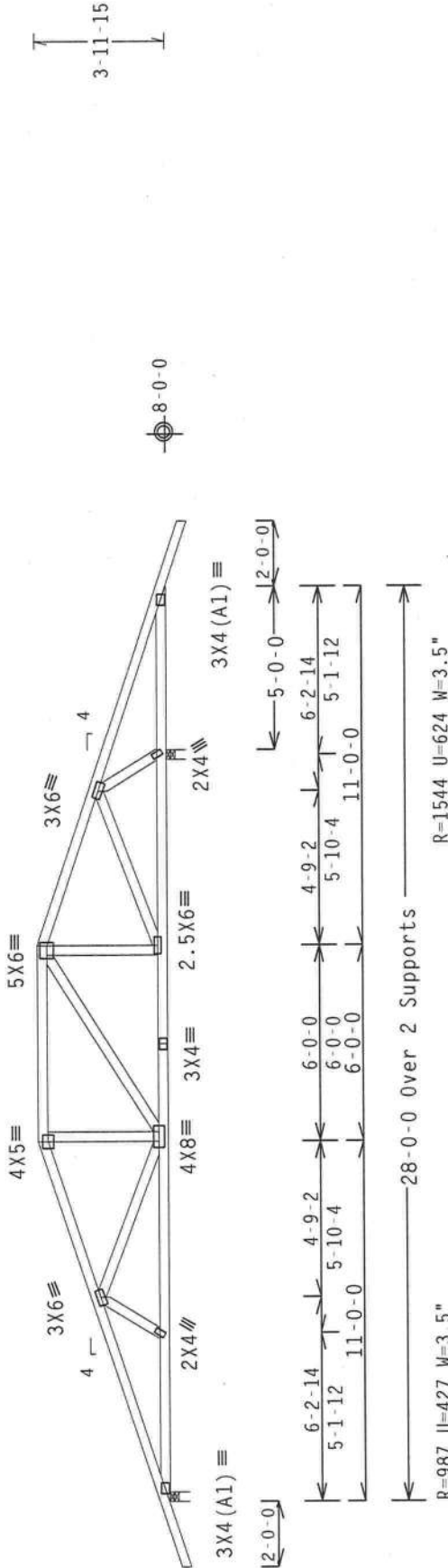
Haines City, FL 33844
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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

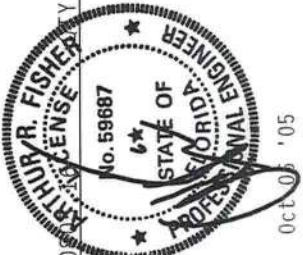
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 9.83 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

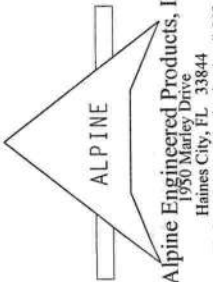


PLT TYP. Wave		Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.04.09		Scale =.1875"/Ft.	
ALPINE Alpine Engineered Products, Inc. 1956 Marley Drive Haines City, FL 33844		**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 1000 W. 10TH AVE., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING ANY WORK. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		FL/-/4/-/-/R/-	
		No. 59687		TC LL	20.0 PSF
		STATE OF FLORIDA		TC DL	10.0 PSF
		PROFESSIONAL ENGINEER		BC DL	10.0 PSF
		OCT 05 '05		BC LL	0.0 PSF
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS WILL ACCEPT NO RESPONSIBILITY FOR THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/19/16GA UH/H/S/K ASTM A653 GRADE 40/60 (H, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TOT.LD.	40.0 PSF		
		DUR.FAC.	1.25		
		SPACING	24.0"		
		SEQN-	12507		
		JREF-	1SR2487_Z01		



WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/AS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/160A (N-H/S/K) ASTM A653 GRADE 40/60 (N. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SEC. 2. ANY INSPECTION OF PLATES FOLLOWED PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/AS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/160A (N-H/S/K) ASTM A653 GRADE 40/60 (N. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, SEC. 2. ANY INSPECTION OF PLATES FOLLOWED PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

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

Structural diagram of a roof truss system. The truss consists of a top chord, a bottom chord, and vertical and diagonal members. The top chord is labeled with 4X4 (A2) at both ends and 4X4 (A2) in the middle. The bottom chord is labeled with 4X8 at both ends and 4X4 (A2) in the middle. The vertical members are labeled with 3X4 at both ends and 3X4 in the middle. The diagonal members are labeled with 1.5X4 at both ends and 1.5X4 in the middle. The truss is supported by a 3-11-15 column. The roof pitch is indicated as 8-0-0. The overall dimensions are 2-0-0 by 2-0-0.

28-0-0 Over 2 Supports

R=1266 U=542 W=3.5"

R=1266 U=542 W=3.5"

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

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF R487-- 3816
TC DL	10.0 PSF	DATE 10/06/05
BC DL	10.0 PSF	DRW HCUR487 05279005
BC LL	0.0 PSF	HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN- 12512
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SR2487_Z01



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 O'DONRUE DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

-IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPHINE ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE
DESIGN TO THE DESIGNER'S DESIGN. ANY FAILURE TO BUILD THE
DESIGN TO THE DESIGNER'S DESIGN, INCLUDING THE APPLICATION OF THE DESIGN, SHALL BE THE RESPONSIBILITY OF THE DESIGNER.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIAA) AND TPI. ALPHINE
CONNECTOR PLATES ARE MADE OF 2018/160A (N/A)MS ASTM A563 GRADE 40/60 (W, K/H-S) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX 43 OF TPI-2002 SEC.3-2.
DRAWING 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
BUILDING DESIGNER PER ANS1/TPI 1 SEC. 2.



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Haines City, FL 33844

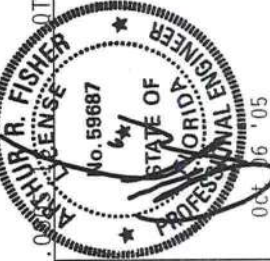
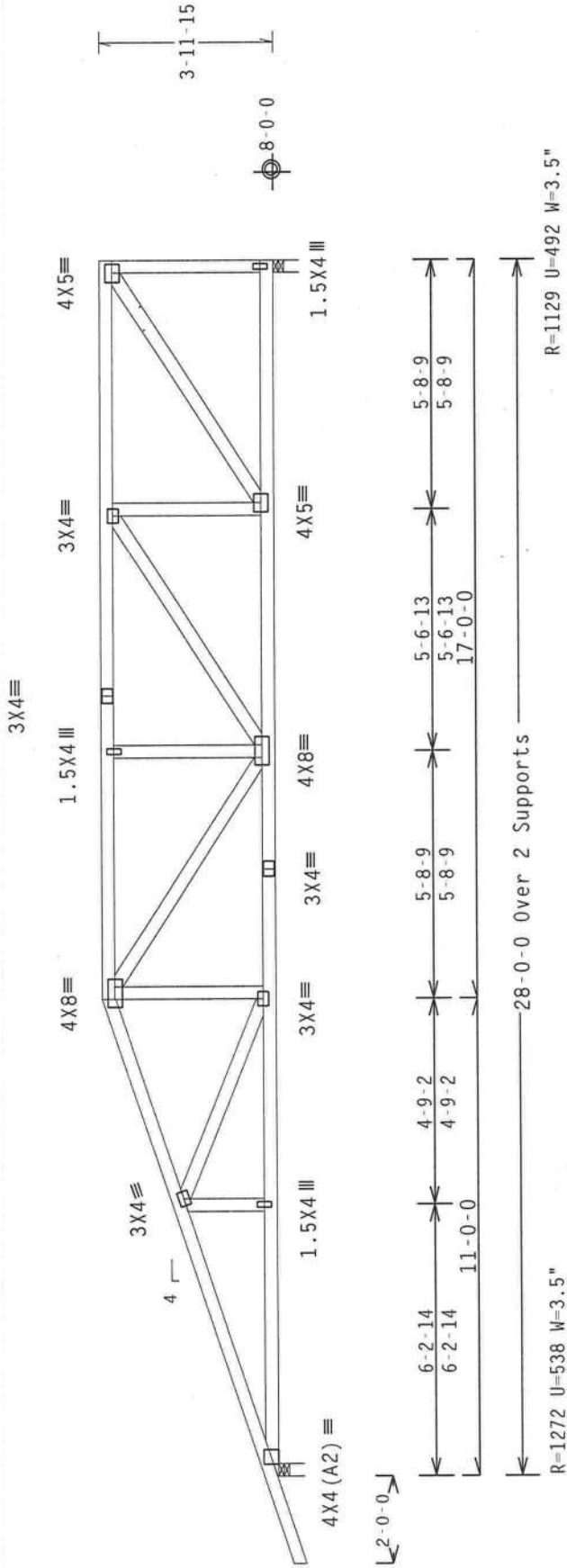
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

110 mph wind, 9.83 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Right end vertical not exposed to wind pressure.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

7.04

FL/-/4/-/R/-

Scale = .25"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 O'DONOHUE DR., SUITE 200, MADISON, WI 53719) AND NCTA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BRACE TRUSSES IN CONFORMANCE WITH THE ABOVE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AEPAS) AND TPI. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE PROVISIONS OF THIS NATIONAL DESIGN SPEC. BY AEPAS) AND TPI. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487-- 3817
DATE	10/06/05
DRW	HCUSR487 05279006
HC-ENG	DF/AF
SEQN-	12515
JREF-	1SR2487_Z01

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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110 mph wind, 10.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

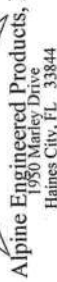
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



7 04 08

FL1-1-1R/-

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TC DL	10.0	PSF	DATE	10/06/05	
BC DL	10.0	PSF	DRW	HCUSR487	05279007
BC LL	0.0	PSF	HC-ENG	DF/AF	*
TOT.LD.	40.0	PSF	SEQN-	12518	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SR2487_Z01	

[illegible]

(5-425-CLARENCE ROSSIN - A4)

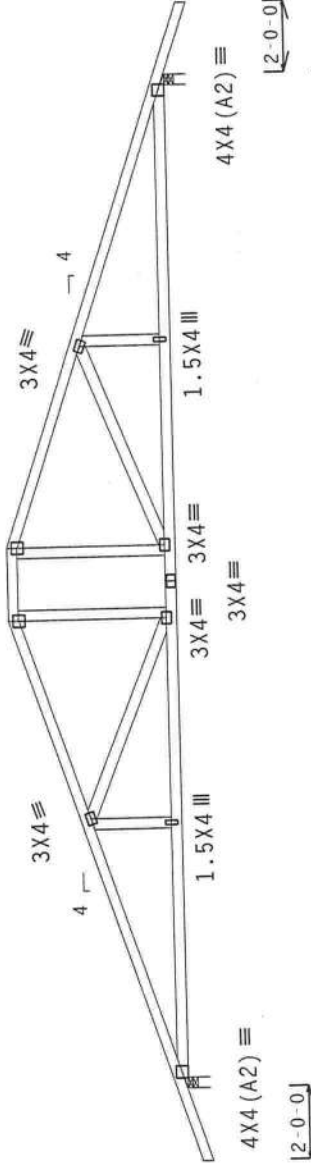
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 10.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

4X4≡ 4X4≡



R=1266 U=542 W=3.5"

28-0-0 Over 2 Supports

R=1266 U=542 W=3.5"

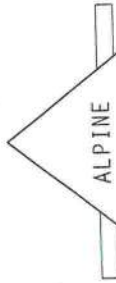
Design Crit: TPI-2002 (STD) / FBC

Cq/RT=1.00(1.25)/10(0)

7.04.0

Scale = .1875" / Ft.

PLT TYP. Wave



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1950 Marley Drive
Haines City, FL 33844

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 NORTH DEARBORN, SUITE 200, MADISON, WI 53719, AND AISC (AISC 308) TRUSS DESIGN GUIDE, PUBLISHED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 530 NORTH DEARBORN, SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMANCE OF THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE BUILDING CODES, SPECIFICATIONS, AND DESIGN REQUIREMENTS, OR ANY FAILURE TO FOLLOW THE DESIGN REQUIREMENTS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE BUILDING CODES, SPECIFICATIONS, AND DESIGN REQUIREMENTS, OR ANY FAILURE TO FOLLOW THE DESIGN REQUIREMENTS, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.



Oct 06 '05

TC LL	20.0 PSF	FL / - / 4 / - / - / R / -
TC DL	10.0 PSF	REF R487 - - 3819
BC DL	10.0 PSF	DATE 10/06/05
BC LL	0.0 PSF	DRW HCUSR487 05279008
TOT.LD.	40.0 PSF	HC-ENG DF/AF
DUR.FAC.	1.25	SEQN - 12521
SPACING	24.0"	JREF - 1SR2487_Z01

(5-425-CLARENCE ROSSIN - AA4)

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

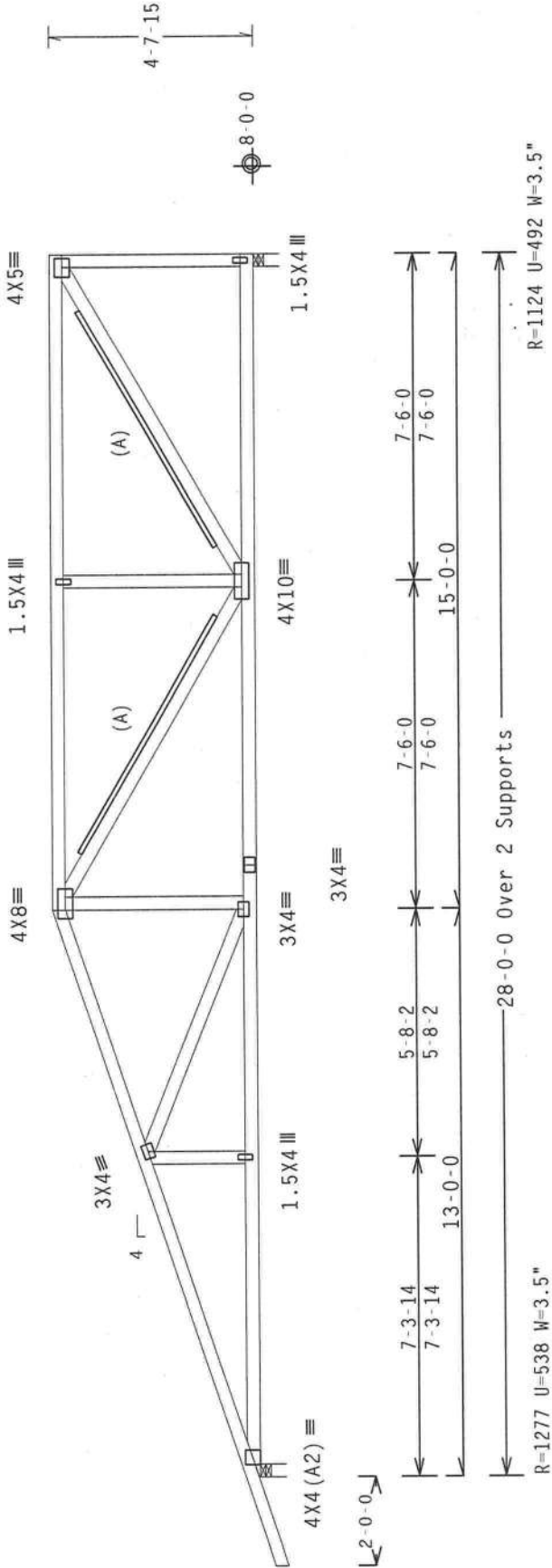
(A) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

110 mph wind, 10.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 1000 O'DONOHUE DR., SUITE 200, MADISON, WI 53719, AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 1000 W. KILPATRICK AVE., SUITE 100, MADISON, WI 53719 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIVITIES. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/1064 (W.H/S/K) ASTM A653 GRADE 40/60 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMBEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



FL Certificate of Authorization # 567



Scale = .25" / Ft.

TC LL	20.0 PSF	FL / - / 4 / - / R / -	REF R487 -- 3820
TC DL	10.0 PSF		DATE 10/06/05
BC DL	10.0 PSF		DRW HCUSR487 05279009
BC LL	0.0 PSF		HC-ENG DF / AF *
TOT.LD.	40.0 PSF		SEQN - 12524
DUR.FAC.	1.25		
SPACING	24.0"		JREF - 1SR2487_Z01

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

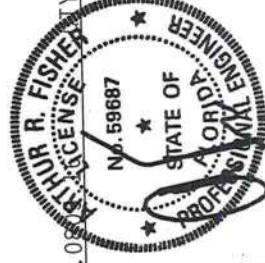
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.



Scale = .1875"/Ft.

FL / - / 4 / - / - / R / -		Scale = .1875" / Ft.
TC LL	20.0 PSF	REF R487 - - 3821
TC DL	10.0 PSF	DATE 10/06/05
BC DL	10.0 PSF	DRW HCURS487 05279010
BC LL	0.0 PSF	HC - ENG DF / AF *
TOT.LD.	40.0 PSF	SEQN - 12527
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1SR2487_Z01

**** IMPORTANT *** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS AND PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THE DESIGN OR FAILURE TO BUILD THE THOUS COMPONENTS WITH TPI. OF FABRICATING, NATIONAL DESIGN SHOP, BY AFAPA) AND TPI. ALPINE THOUS CONFORMS WITH APPLICABLE PROVISIONS OF USPTO ASH A693 GRADE 40/60 (G, K/H/S) GALV. STEEL. APPLY DESIGNER PLATES ARE MADE OF 2010/1875 ALUMINUM OTHERWISE LOCATED ON POSITION PER DRAWINGS 160A-2 PLATES TO EACH FACE OF THOUS UNLESS OTHERWISE LOCATED ON POSITION PER DRAWINGS 160A-2. A SEAL ON THIS THOUS COMPONENT IS FOLLOWED BY (1) SHALL BE PER ANEX 43 OF TPI1-2002 SEC.3. A SEAL ON THIS THOUS COMPONENT IS FOLLOWED BY (1) SHALL BE PER ANEX 43 OF TPI1-2002 SEC.3. ANY INSPECIFICATIONS, ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE THOUS COMPONENTS OF THE DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING OWNER. PER ANSI/TPI 1 SEC. 2.

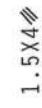


Oct 06 '05

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

110 mph wind, 10.33 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

110 mph wind, 10.33 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.



Scale = .25"/Ft.

Haines City, FL 33844
FL Certificate of Authorization # 567

(5-425-CLARENCE ROSSIN - A7)

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

110 mph wind, 10.66 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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

4'-11-15

1.5X4

4X5

1.5X4

3X5 (A1)

3X4

3X4

3X4

3X5 (A1)

28'-0-0 Over 2 Supports

R=1135 U=485 W=3.5"

R=1135 U=485 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.04.00

Scale =.25"/Ft.

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

Oct 06 '05

Professional Engineer
STATE OF FLORIDA
No. 59687
R. FISHER
LICENSE

Oct 06 '05

Professional Engineer
STATE OF FLORIDA
No. 59687
R. FISHER
LICENSE

TC LL	20.0 PSF	FL / - / 4 / - / - / R / -
TC DL	10.0 PSF	
BC DL	10.0 PSF	
BC LL	0.0 PSF	
TOT.LD.	40.0 PSF	
DUR.FAC.	1.25	
SPACING	24.0"	

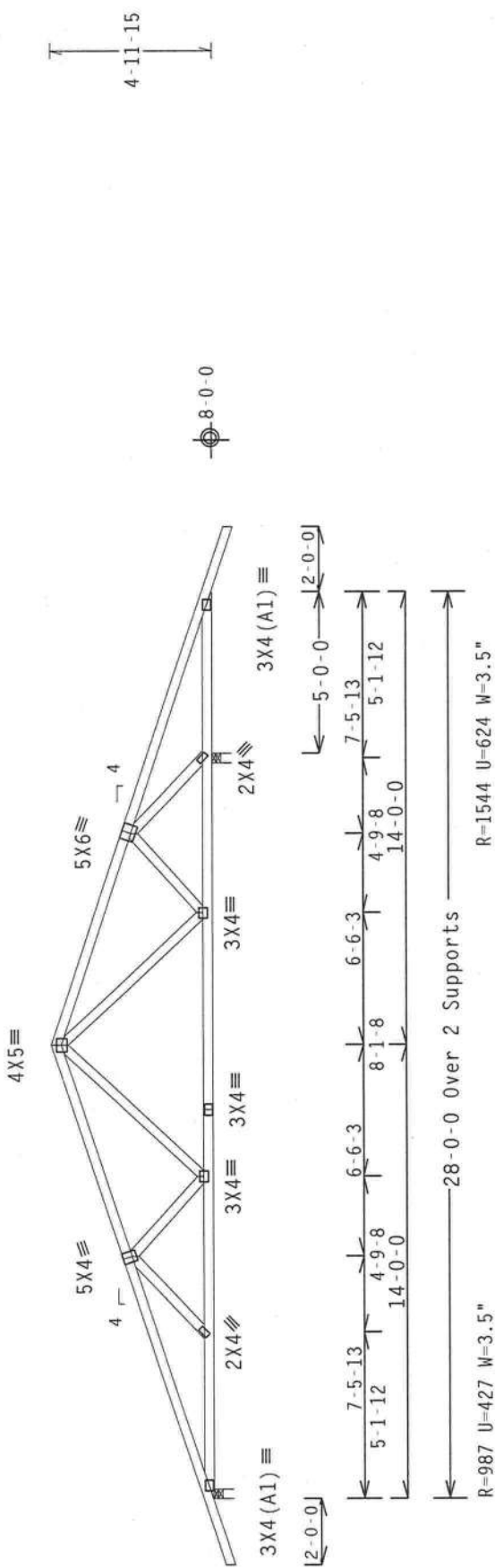
REF	R487 --	3823
DATE	10/06/05	
DRW	HCUSR487	05279012
HC-ENG	DF/AF	*
SEQN	12533	
JREF	1SR2487	Z01

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

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

NOTE: THIS TRUSS MUST BE INSTALLED AS SHOWN. IT CAN NOT BE FLIPPED END FOR END.

110 mph wind, 10.33 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

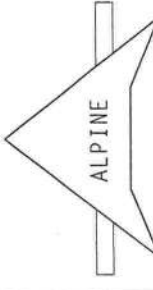


PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0)

Scale = .1875"/Ft.



Alpine Engineering Products, Inc.
1930 Mary Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&P) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R487--	3824
DATE	10/06/05	
DRW	HCUSR487	05279013
HC-ENG	DF/AF	*
SEQN	12538	
JREF	1SR2487	_Z01

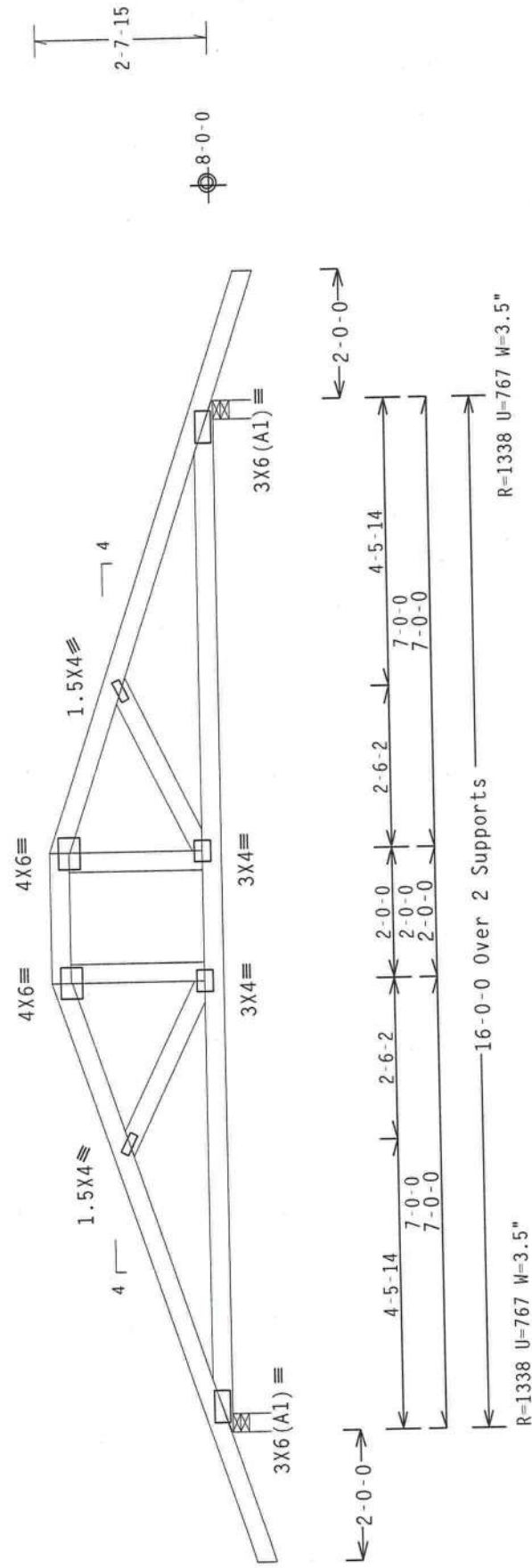
(5-425-CLARENCE ROSSIN - C1)

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

In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.

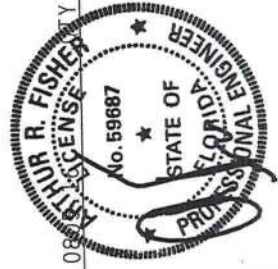
110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. located anywhere in roof, CAT II, EXP B, wind TC DL=0.0 psf, wind BC DL=0.0 psf.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.04.08

Scale = .375"/Ft.



PLT TYP. Wave



Alpine Engineered Products, Inc.
1050 Marley Drive
Haines City, FL 33844

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING & BRACING. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC, BY AIA/AIA AND TPI. ALPINE CONNECTOR PLATES ARE PROVIDED FOR LEGAL (N.J.S. 17:28) ASH A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH JOINT OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DESIGN 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC, BY AIA/AIA AND TPI. ALPINE CONNECTOR PLATES ARE PROVIDED FOR LEGAL (N.J.S. 17:28) ASH A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH JOINT OF THE TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DESIGN 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	40.0 PSF
DUR.FAC.	1.25
SPACING	SEE ABOVE

REF R487-- 3825
DATE 10/06/05
DRW HCUSR487 05279020
HC-ENG DF/AF
SEQN- 12541
JREF- 1SR2487_Z01

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.04.

QTY: 6 FL/-/4/-/-/R/-

REF R487 -- 3827

DATE 10/06/05

DATE 10/06/05

DATE 10/06/03

DRW HCUSR487 0527902

HC-ENG DF/AF

SEON- 12548

2011

U
L
C
R

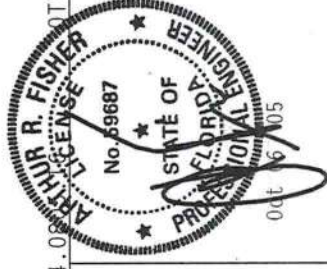
Flames City, FL 32844
 EI Certificate of Authorization # 567

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

← 7-0-0 Over 3 Supports →
R=442 I=247 W=3.5"

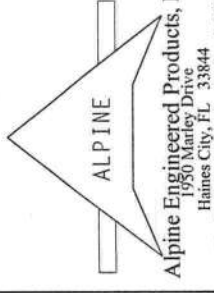
Scale = .375" / Ft.

	TC LL	20.0	PSF	REF	R487 --	3829
	TC DL	10.0	PSF	DATE	10/06/05	
	BC DL	10.0	PSF	DRW	HCUSR487	05279023
	BC LL	0.0	PSF	HC-ENG	DF/AF	
	TOT.LD.	40.0	PSF	SEQN-	12555	
	DUR.FAC.	1.25				
SPACING			24.0"			JREF- 1SR2487 701



*WARNING** RUSSSES REQUIRE EXTREME CARE IN FABRICATING HANDLING, SHIPPING, INSTALLING AND BRACING TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED

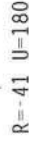
* A IMPORTANT *** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TP1: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, CONNECTOR PLATES ARE MADE OF 2018P/16GA. (N/A/PS) ASTM A563 GRADE 40/60 (P, K/H/S) GALV. STEEL. PLATES TO EACH FACE OF TRUSS, AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANEX A.3 OF TP11-2002 SEC.3. FOR A SEAL ON THIS DRAWING TO BE CALLED OUT FOR INSPECTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEAL ON THIS DRAWING SHOWING THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING. THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TP1 & SEC. 2.



JREF- 1SR2487 Z0

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

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

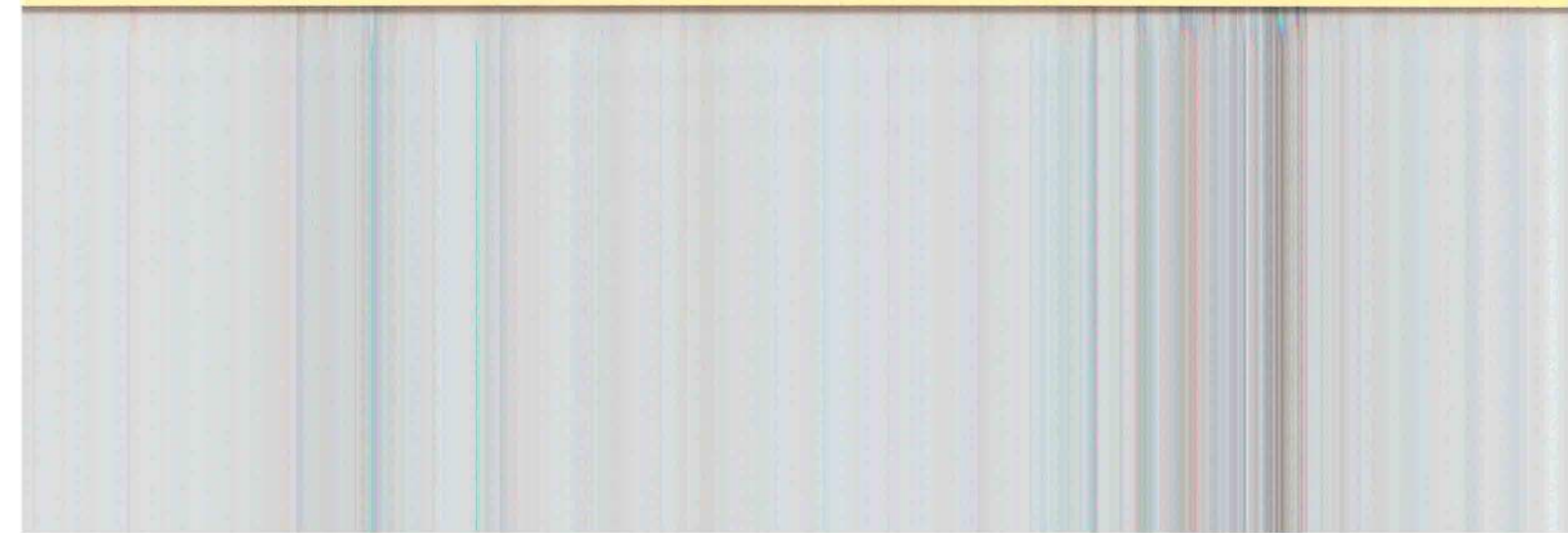


Scale = .375"/Ft.

****IMPORTANT:** *FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) DESIGN MANUAL 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823



Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844





CORPORATE HEADQUARTERS:

P.O. BOX 5369
116 N.W. 16TH AVENUE
GAINESVILLE, FL 32627-5369

(352) 376-2661
FAX (352) 376-2791

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F-12299

Reply to: 536 SE Baya Dr
Lake City, FL 32025
Phone (386) 752-1703 Fax (386) 752-0171

PARTIAL TERMITE TREATMENT CERTIFICATION

Owner:	Permit Number:
Clarence Rossin	23830
Lot:	Block:
Subdivision:	Street Address:
	611 NW Rossin Ct
City:	County:
Lake City	Columbia
General Contractor:	Date:
Clarence Rossin	12/18/06
Method of Termite Prevention Treatment: Soil Treatment	

The above noted structure has received the initial required treatment for the prevention of subterranean termites. If a soil treatment was performed, the perimeter of the above structure must be treated after the final grade has been established in accordance with the pesticide label and Florida Statute.

This form should not be accepted as proof of complete treatment for Certificate of Occupancy or Closing.
This form is for inspection, construction, and financial draw purposes only.

Notice to Builder

If a soil treatment was performed, it is the responsibility of the builder to notify Florida Pest Control & Chemical Co. prior to the pouring of any slab that abuts the above structure so that treatment can be completed and the required paperwork for closing be submitted. Such slabs might be, but are not limited to: patios, porches, entryways, A/C pads, stoops, additions, bay windows, driveway aprons, etc.

Other areas that would require treatment would be:

1. Areas within the foundation fill that were disturbed after the initial treatment.
2. The foundation perimeter after final grade has been established.

THIS IS NOT PROOF OF WARRANTY

Warranty and treatment certification will be issued upon completion of final treatment only.

Authorized Signature:	Date:
<i>Henrie Wood</i>	<i>12-20-06</i>

BRANCHES:

• Crystal River • Daytona Beach • Ft. Walton Beach • Jacksonville South • Jacksonville West • Lake City • Milton • Ocala • Orlando • Palatka • Panama City • Pensacola • Starke • St. Augustine • Tallahassee • Winter Haven • Leesburg • Kissimmee •

COLUMBIA COUNTY ON CALVINY

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 15-3S-16-02144-004

Building permit No. 000023830

Use Classification ADDITION TO MH

Fire: 19.26

Permit Holder OWNER BUILDER

Waste: 50.25

Owner of Building CLARENCE ROSSIN

Total: 69.51

Location: 611 NW ROSSIN COURT, LAKE CITY, FL

Date: 07/16/2008

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

