

DATE 0/20/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022407

APPLICANT CURTIS JONES PHONE 754.0656

ADDRESS 559 SW LEGION DRIVE LAKE CITY FL 32024

OWNER CURIS & LYNETTE JONES PHONE 386.754.0656

ADDRESS 559 SW LYNETTE JONES LAKE CITY FL 32024

CONTRACTOR CURTIS JONES/OWNER PHONE 754.0656

LOCATION OF PROPERTY C-247-S TO TAMARACK LOOP, TURN L ON LEGION DRIVE @ END OF TAE R, THEN 1ST. LEFT ON TO CROSS POINTE,HOME ON R, LOT 14

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 127950.00

HEATED FLOOR AREA 2559.00 TOTAL AREA 4564.00 HEIGHT 30.20 STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 10'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 17-4S-16-03051-114 SUBDIVISION SOUTH POINTE

LOT 14 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 5.00

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____ Applicant/Owner/Contractor RTJ Y

EXISTING 04-0912-N BLK _____ RTJ _____ Y _____

Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____ Approved for Issuance _____ New Resident _____

COMMENTS: NOC ON FILE

1 FOOT ABOVE ROAD

CULVERT APPLIATION # 394. APPLIED FOR. 08/31/2004 Check # or Cash 4928

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____

Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____

Framing _____ Rough-in plumbing above slab and below wood floor _____
date/app. by _____ date/app. by _____

Electrical rough-in _____ Heat & Air Duct _____ Peri. beam (Lintel) _____
date/app. by _____ date/app. by _____ date/app. by _____

Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____

M/H tie downs, blocking, electricity and plumbing _____ Pool _____
date/app. by _____ date/app. by _____

Reconnection _____ Pump pole _____ Utility Pole _____
date/app. by _____ date/app. by _____ date/app. by _____

M/H Pole _____ Travel Trailer _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 640.00 CERTIFICATION FEE \$ 22.82 SURCHARGE FEE \$ 22.82

MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____

FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 735.64

INSPECTORS OFFICE COO 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 INCONVIENCE, 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

For Office Use Only Application # 0409-16 Date Received 9/10/04 By JW Permit # 22407
 Application Approved by - Zoning Official BLK Date 19.10.04 Plans Examiner _____ Date _____
 Flood Zone Xpudlot Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments -AOC DEEDED- 10055 PLOT 12 DEEDED
4928

Applicants Name CURTIS JONES CONTACT No# 239-571-0699
 Address 559 S.W. LEGION DR. LAKE CITY, FL 32024 Phone 754-0656
 Owners Name CURTIS + LYNETTE JONES Phone 754-0656
 911 Address 222 S.W. CROSS POINTE CT.
 Contractors Name CJ CUSTOM CARPENTRY Phone 754-4116
 Address 559 S.W. LEGION DR.
 Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address NONE
 Architect/Engineer Name & Address DAVID DISOSWAY POB 868 LAKE CITY, FL 32056
 Mortgage Lenders Name & Address FIRST FEDERAL SAVINGS BANK OF FLORIDA
 Property ID Number 17-45-16-03051-114 Estimated Cost of Construction \$150,000
 Subdivision Name SOUTH POINTE Lot 14 Block _____ Unit _____ Phase _____
 Driving Directions OFF 247 TAKE RT ON TAMERACK LOOP, TURN LEFT ON LEGION DR AT END OF TAKE RT, THEN 1st LEFT ON TO CROSS POINTE. HOUSE ON RT. (LOT 14)
 Type of Construction NEW CONSTRUCTION Number of Existing Dwellings on Property NONE
 Total Acreage 5 AC. Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 170' Side 125' Side 125' Rear 400'
 Total Building Height 30'2" Number of Stories 2 Heated Floor Area 2559 S.F. Roof Pitch 10/12

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.

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 31 day of Aug

Personally known _____ or Produced Identification _____

JS20-111-67-027-0



Contractor Signature

Contractors License Number _____

Competency Card Number _____

NOTARY STAMP/SEAL

Notary Signature

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

Tax Parcel ID Number 17-45-16-03051-114

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

LOT 14 SOUTH POINTE S/D AFD 1011-2805
222 S.W. CROSS POINTE CT.

Inst:2004020806 Date:09/10/2004 Time:16:25

MK DC,P.DeWitt Cason,Columbia County B:1025 P:1962

2. General description of improvement: BUILDING NEW HOME

3. Owner Name & Address CURTIS + LYNETTE JONES

559 S.W. LEGION DR LAKE CITY, FL 32024 Interest in Property OWNERS

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

5. Contractor Name SELF Phone Number 754-4116

Address 559 S.W. LEGION DR. LAKE CITY, FL 32024

6. Surety Holders Name N/A Phone Number

Address

Amount of Bond N/A

7. Lender Name FIRST FEDERAL SAVING BANK OF FL. Phone Number 755-0600

Address US 90 LAKE CITY, FL 32024

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 NONE Phone Number

Address

9. In addition to himself/herself the owner designates NONE of

to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

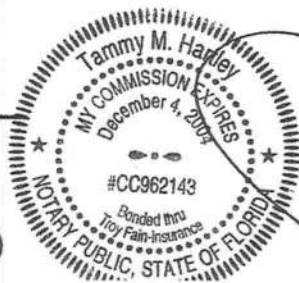
(a) 7. Phone Number of the designee

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.

Signature of Owner



Sworn to (or affirmed) and subscribed before day of 31 AUG, 2004

NOTARY STAMP/SEAL

JS20-111-67-027-0

SM Hayley

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	408064JonesRes.	Builder:	
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	
Owner:		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: 21.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. Central Unit	Cap: 21.0 kBtu/hr
5. Is this a worst case?	No		SEER: 11.00
6. Conditioned floor area (ft²)	2559 ft²	c. N/A	
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft² 0.0 ft²	a. LP Gas	Cap: 25.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		AFUE: 0.80
c. Labeled U-factor or SHGC	0.0 ft² 430.3 ft²	b. LP Gas	Cap: 25.0 kBtu/hr
8. Floor types			AFUE: 0.80
a. Slab-On-Grade Edge Insulation	R=0.0, 261.0(p) ft	c. N/A	
b. N/A		14. Hot water systems	
c. N/A		a. LP Gas	Cap: 50.0 gallons
9. Wall types			EF: 0.54
a. Frame, Wood, Exterior	R=13.0, 2420.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 432.0 ft²		
c. N/A		c. Conservation credits	
d. N/A		(HR-Heat recovery, Solar	
e. N/A		DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	
a. Under Attic	R=30.0, 2297.0 ft²	(CF-Ceiling fan, CV-Cross ventilation,	
b. N/A		HF-Whole house fan,	
c. N/A		PT-Programmable Thermostat,	
11. Ducts		MZ-C-Multizone cooling,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 280.0 ft	MZ-H-Multizone heating)	
b. N/A			

Glass/Floor Area: 0.17

Total as-built points: 33629
Total base points: 36636

PASS

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

PREPARED BY: Evan Beamsley

DATE: 9/20/09

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

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	2559.0	20.04	9230.8	Double,U=0.30,SHGC=0.5	S	13.5	8.0	96.0	28.75	0.46	1272.0		
				Double,U=0.30,SHGC=0.5	S	13.5	8.5	60.0	28.75	0.47	806.2		
				Double,U=0.30,SHGC=0.5	S	1.5	7.0	10.0	28.75	0.89	257.1		
				Double,U=0.30,SHGC=0.5	S	7.5	8.0	64.0	28.75	0.53	974.2		
				Double,U=0.30,SHGC=0.5	N	9.5	8.5	20.0	16.33	0.69	226.2		
				Double,U=0.30,SHGC=0.5	N	1.5	7.5	26.0	16.33	0.96	408.3		
				Double,U=0.30,SHGC=0.5	E	0.0	0.0	5.3	33.43	1.00	177.2		
				Double,U=0.30,SHGC=0.5	E	0.0	0.0	20.0	33.43	1.00	668.6		
				Double,U=0.30,SHGC=0.5	S	13.5	1.5	15.0	28.75	0.43	186.2		
				Double,U=0.30,SHGC=0.5	W	0.0	0.0	26.0	30.80	1.00	800.8		
				Double,U=0.30,SHGC=0.5	N	0.0	0.0	64.0	16.33	1.00	1045.3		
				Double,U=0.30,SHGC=0.5	N	1.5	5.0	12.0	16.33	0.92	179.5		
				Double,U=0.30,SHGC=0.5	N	1.5	5.0	12.0	16.33	0.92	179.5		
				As-Built Total:							430.3	7181.1	
				WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points					
Adjacent	432.0	0.70	302.4	Frame, Wood, Exterior			13.0	2420.0		1.50	3630.0		
Exterior	2420.0	1.70	4114.0	Frame, Wood, Adjacent			13.0	432.0		0.60	259.2		
Base Total:	2852.0		4416.4	As-Built Total:							2852.0	3889.2	
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points									
Adjacent	18.0	2.40	43.2	Exterior Insulated				39.0		4.10	159.9		
Exterior	76.8	6.10	468.5	Exterior Insulated				17.8		4.10	73.0		
				Exterior Insulated				20.0		4.10	82.0		
				Adjacent Insulated				18.0		1.60	28.8		
Base Total:	94.8		511.7	As-Built Total:							94.8	343.7	
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points									
Under Attic	1889.0	1.73	3268.0	Under Attic			30.0	2297.0	1.73 X 1.00		3973.8		
Base Total:	1889.0		3268.0	As-Built Total:							2297.0	3973.8	
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points									
Slab	261.0(p)	-37.0	-9657.0	Slab-On-Grade Edge Insulation			0.0	261.0(p)		-41.20	-10753.2		
Raised	0.0	0.00	0.0										
Base Total:			-9657.0	As-Built Total:							261.0	-10753.2	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
INFILTRATION Area X BSPM = Points				Area X SPM = Points						
2559.0 10.21 26127.4				2559.0 10.21 26127.4						
Summer Base Points: 33897.3				Summer As-Built Points: 30762.0						
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)						
33897.3 0.4266 14460.6				30762.0 0.500 (1.090 x 1.147 x 0.91) 0.310 1.000 5429.5 30762.0 0.500(1.00 x 1.147 x 1.00 0.310 1.000 5429.5 30762.0 1.00 1.138 0.310 1.000 10859.0						

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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	2559.0	12.74	5868.3	Double,U=0.30,SHGC=0.5	S	13.5	8.0	96.0	-0.06	3.42	-18.4
				Double,U=0.30,SHGC=0.5	S	13.5	8.5	60.0	-0.06	3.34	-11.2
				Double,U=0.30,SHGC=0.5	S	1.5	7.0	10.0	-0.06	1.07	-0.6
				Double,U=0.30,SHGC=0.5	S	7.5	8.0	64.0	-0.06	2.63	-9.4
				Double,U=0.30,SHGC=0.5	N	9.5	8.5	20.0	8.31	1.02	169.5
				Double,U=0.30,SHGC=0.5	N	1.5	7.5	26.0	8.31	1.00	216.4
				Double,U=0.30,SHGC=0.5	E	0.0	0.0	5.3	4.08	1.00	21.6
				Double,U=0.30,SHGC=0.5	E	0.0	0.0	20.0	4.08	1.00	81.6
				Double,U=0.30,SHGC=0.5	S	13.5	1.5	15.0	-0.06	3.66	-3.1
				Double,U=0.30,SHGC=0.5	W	0.0	0.0	26.0	5.43	1.00	141.2
				Double,U=0.30,SHGC=0.5	N	0.0	0.0	64.0	8.31	1.00	532.0
				Double,U=0.30,SHGC=0.5	N	1.5	5.0	12.0	8.31	1.00	100.1
				Double,U=0.30,SHGC=0.5	N	1.5	5.0	12.0	8.31	1.00	100.1
				As-Built Total:							430.3
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	432.0	3.60	1555.2	Frame, Wood, Exterior	13.0			2420.0	3.40	8228.0	
Exterior	2420.0	3.70	8954.0	Frame, Wood, Adjacent	13.0			432.0	3.30	1425.6	
Base Total:		2852.0	10509.2	As-Built Total:			2852.0		9653.6		
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	18.0	11.50	207.0	Exterior Insulated				39.0	8.40	327.6	
Exterior	76.8	12.30	944.6	Exterior Insulated				17.8	8.40	149.5	
				Exterior Insulated				20.0	8.40	168.0	
				Adjacent Insulated				18.0	8.00	144.0	
Base Total:		94.8	1151.6	As-Built Total:			94.8		789.1		
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1889.0	2.05	3872.4	Under Attic	30.0			2297.0	2.05 X 1.00	4708.9	
Base Total:		1889.0	3872.4	As-Built Total:			2297.0		4708.9		
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	261.0(p)	8.9	2322.9	Slab-On-Grade Edge Insulation	0.0			261.0(p)	18.80	4906.8	
Raised	0.0	0.00	0.0								
Base Total:			2322.9	As-Built Total:			261.0		4906.8		

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
INFILTRATION Area X BWPM = Points				Area X WPM = Points						
2559.0 -0.59 -1509.8				2559.0 -0.59 -1509.8						
Winter Base Points: 22214.7				Winter As-Built Points: 19868.4						
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)						
22214.7 0.6274 13937.5				19868.4 0.500 (1.069 x 1.169 x 0.93) 0.673 1.000 7767.1 19868.4 0.500(1.00 x 1.169 x 1.00) 0.673 1.000 7767.1 19868.4 1.00 1.162 0.673 1.000 15534.3						

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier = Total
3		2746.00	8238.0	50.0	0.54	3	1.00	2412.00	1.00 7236.0
				As-Built Total:					7236.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
14461		13937	8238 36636	10859		15534	7236 33629

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	☒
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	☒
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	☒
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%.	N/A
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	☒
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	☒
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	☒
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	☒

ENERGY PERFORMANCE LEVEL (EPL)
DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.8

The higher the score, the more efficient the home.

1 1 1 1

1. New construction or existing: New
2. Single family or multi-family: Single family
3. Number of units, if multi-family: 1
4. Number of Bedrooms: 3
5. Is this a worst case?: No
6. Conditioned floor area (ft²): 2559 ft²
7. Glass area & type: Single Pane 0.0 ft², Double Pane 0.0 ft²
8. Floor types: a. Slab-On-Grade Edge Insulation R=0.0, 261.0(p) ft, b. N/A, c. N/A
9. Wall types: a. Frame, Wood, Exterior R=13.0, 2420.0 ft², b. Frame, Wood, Adjacent R=13.0, 432.0 ft², c. N/A, d. N/A, e. N/A
10. Ceiling types: a. Under Attic R=30.0, 2297.0 ft², b. N/A, c. N/A
11. Ducts: a. Sup: Unc. Ret: Unc. AH: Interior Sup. R=6.0, 280.0 ft, b. N/A
12. Cooling systems: a. Central Unit Cap: 21.0 kBtu/hr SEER: 11.00, b. Central Unit Cap: 21.0 kBtu/hr SEER: 11.00, c. N/A
13. Heating systems: a. LP Gas Cap: 25.0 kBtu/hr AFUE: 0.80, b. LP Gas Cap: 25.0 kBtu/hr AFUE: 0.80, c. N/A
14. Hot water systems: a. LP Gas Cap: 50.0 gallons EF: 0.54, b. N/A, c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)
15. HVAC credits: (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)

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

Builder Signature: Date:

Address of New Home: City/FL Zip:



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

EnergyGauge® (Version: FLR2PB v3.4)

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000000394

DATE 08/31/2004 PARCEL ID # 17-4S-16-03051-114

APPLICANT CURTIS JONES PHONE 754.0656

ADDRESS 222 SW CROSS POINTE COURT LAKE CITY FL 32024

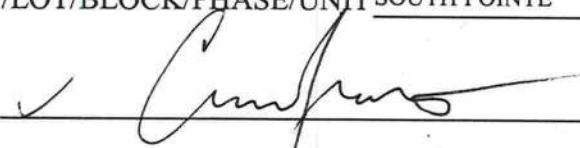
OWNER CURTIS JONES PHONE 754.0656

ADDRESS _____ FL _____

CONTRACTOR _____ PHONE _____

LOCATION OF PROPERTY C-247-S TO TAMARACK LOOP, R, R, N SW LEGION DR., R ON SW ADOBE PT
LANE, L, ON CROSS POINTE, 2ND PLACE ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SOUTH POINTE 14

SIGNATURE 

INSTALLATION REQUIREMENTS

☒ X

Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

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

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

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

Amount Paid 25.00



Columbia County Taxing Authorities
135 NE Hernando Ave Suite 238
Lake City FL 32055
** Important Tax Information Enclosed **
2004 Real Estate Property
RETURN SERVICE REQUESTED

**NOTICE OF PROPOSED
PROPERTY TAXES
DO NOT PAY
THIS IS NOT A BILL**

PARCEL ID: 17-4S-16-03051-114

N 24099

58**AUTO**3-DIGIT 320

JONES CURTIS & LYNETTE
222 SW CROSS POINTE CT
LAKE CITY FL 32024

LOT 14 SOUTH POINTE S/D.
AFD 1011-2805.

The taxing authorities which levy property taxes against your property will soon hold **Public Hearings** to adopt budgets and tax rates for the next year.
The purpose of these **Public Hearings** is to receive opinions from the general public and to answer questions on the proposed tax change and budget **Prior To Taking Final Action**.
Each taxing authority may **Amend or Alter** its proposals at the hearing.

Taxing Authority	Your property taxes last year	Your taxes this year if proposed budget change is made	A public hearing on the proposed taxes and budget will be held:	Your taxes this year if no budget change is made
County 003	279.23	305.41	SEPT 7,2004,7:00PM,SCHOOL BOARD ADM BLDG, 372 W DUVAL ST	293.86
Public Schools:				
By State Law	180.13	193.62	SEPT 14, 2004,7:00PM,SCHOOL BOARD ADM BLDG, 372 W DUVAL ST.	189.52
By Local Board	88.32	96.60		92.93
LSHA	48.00	52.50	SEPT 9, 2004 5:30 PM,368 NE FRANKLIN ST SHANDS AT LAKE SHORE	50.51
CCIDA	4.42	4.83	SEPT 7,2004,7:00PM, SCHOOL BOARD ADM BLDG., 372 W DUVAL ST.	4.66
Water Management District				
SRWMD	15.72	17.20	SEPT 14,2004,5:30PM,SRWMD, US 90 & CR 49, LIVE OAK	16.54
Independent Special Districts• Voter Approved• Debt Payments				
Total Property Taxes	615.82	670.16		648.02
	COLUMN 1*	COLUMN 2*		COLUMN 3*
Your property value last year:	Market Value 32,000	Assessed Value 32,000	Exemptions	Taxable Value 32,000
Your property value this year:	35,000	35,000		35,000

• SEE REVERSE SIDE FOR EXPLANATIONS

• IF YOU FEEL THE MARKET VALUE OF YOUR PROPERTY IS INACCURATE OR DOES NOT REFLECT FAIR MARKET VALUE, CONTACT YOUR COUNTY PROPERTY APPRAISER AT:
135 NE Hernando Ave # 238 Lake City FL 32055 (386) 758-1083

• IF THE PROPERTY APPRAISER'S OFFICE IS UNABLE TO RESOLVE THE MATTER AS TO MARKET VALUE, YOU MAY FILE A PETITION FOR ADJUSTMENT WITH THE VALUE ADJUSTMENT BOARD; PETITION FORMS ARE AVAILABLE FROM THE COUNTY PROPERTY APPRAISER AND MUST BE FILED ON OR BEFORE:

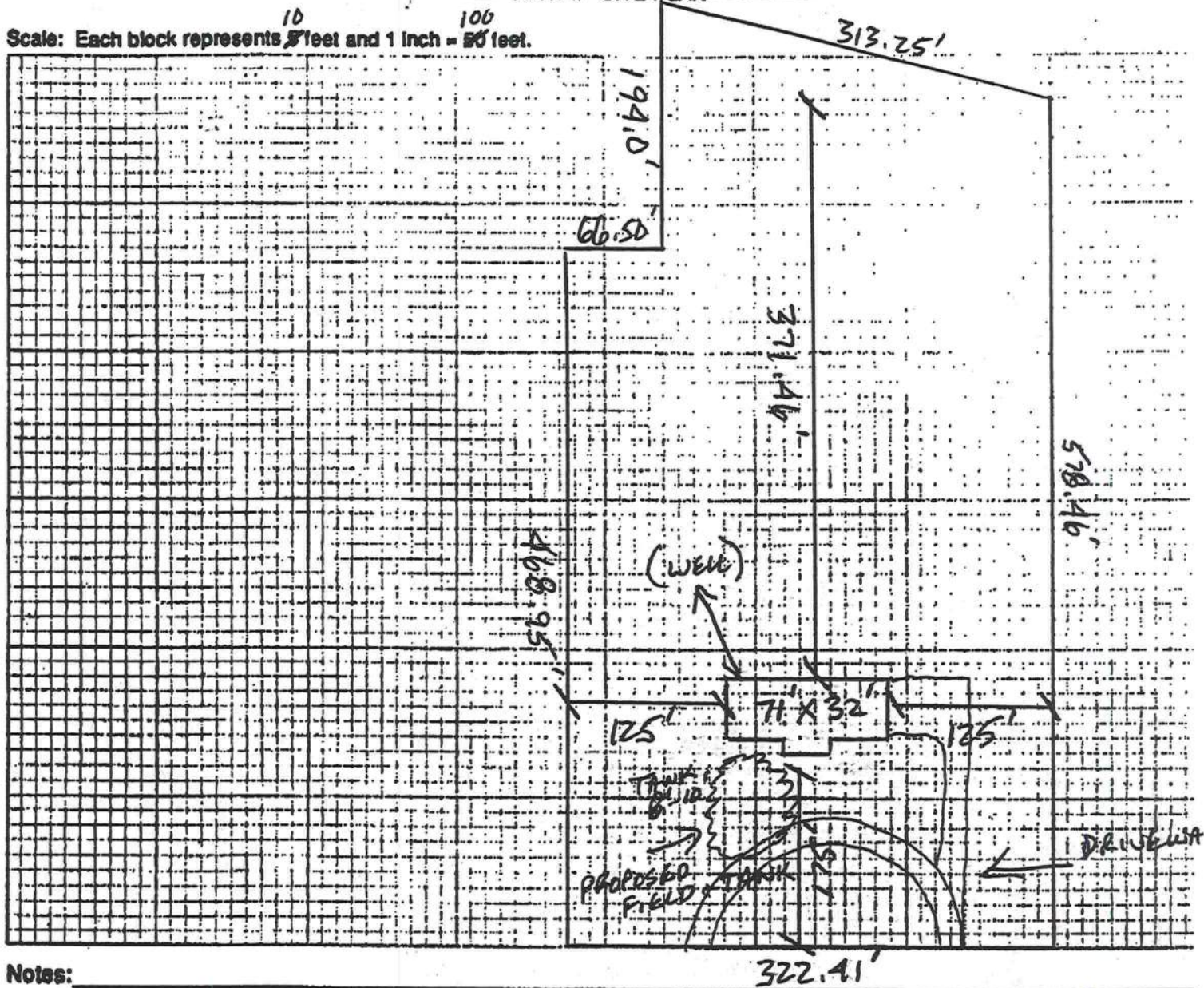
September 7, 2004

• YOUR FINAL TAX BILL MAY CONTAIN NON-AD VALOREM ASSESSMENTS WHICH MAY NOT BE REFLECTED ON THIS NOTICE SUCH AS ASSESSMENTS FOR ROADS, DRAINAGE, GARBAGE, FIRE, LIGHTING, WATER, SEWER, OR OTHER GOVERNMENTAL SERVICES AND FACILITIES WHICH MAY BE LEVIED BY YOUR COUNTY, CITY, OR ANY SPECIAL DISTRICT.

DR-474
R. 01/02



PART II - SITE PLAN

Scale: Each block represents $\frac{10}{50}$ feet and 1 inch = $\frac{100}{50}$ feet.

Notes:

Site Plan submitted by: C. M. Furr

Signature

Plan Approved ☒Not Approved ☐By Sallie A. Maddy-ESI - COLUMBIA

County Health Department

Owner Owner

Title

Date 9-1-04

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

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 CURTIS JONES, 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 _____

Signature

8/30/04
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 9-10-04 Building Official/Representative

Daniel L. Wuer



FRONT ELEVATION
SCALE: 1/4" = 1'-0"

(390-LYN JONES - A1)

Top chord 2x4 SP #2 Dense :T3, T6 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B1 2x4 SP #2 Dense:
:B3, B4 2x10 SP SS:
Webs 2x4 SP #3
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 2.038"

110 mph wind, 14.16 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere
in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 20-2-6
to 36-1-10.

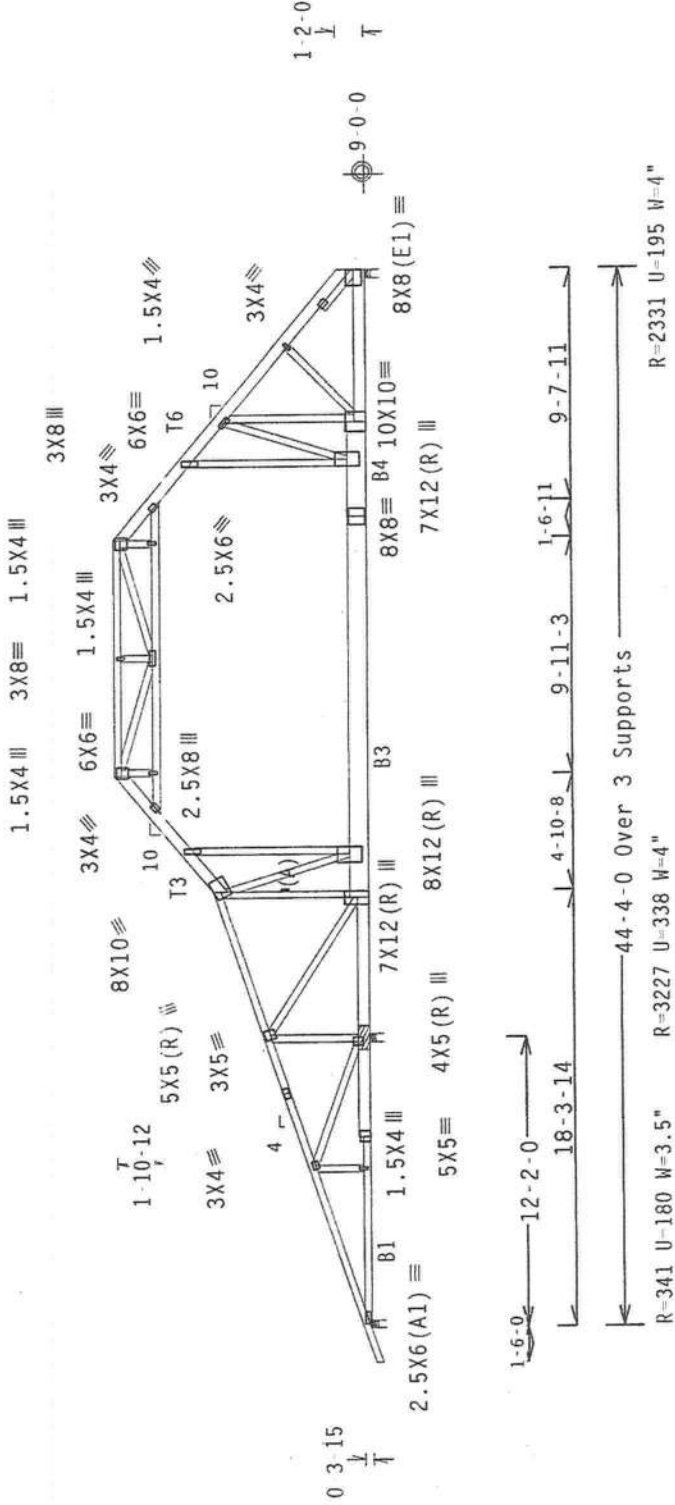
Bearing blocks: Nail type: 10d common nails(0.128"x3.0")
BRG X-LOC //BLOCKS LENGTH/BLK //NAILS/BLK WALL PLATE
2 12.000' 1 12" 4 SPF Standard
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGLK0503 for additional information.

Roof overhang supports 2.00 psf soffit load.

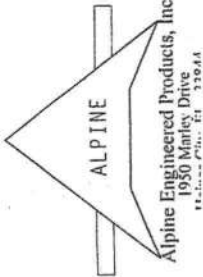
Calculated horizontal deflection is 0.11" due to live load and 0.14" due
to dead load.

Collar tie braced with continuous lateral bracing at 24" OC, or rigid
ceiling.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI



Design Crit: TPI-1995(STD)/FBC

****WARNING**** TRUSSES REQUIRE EXPIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL RESISTANCE SPEC., BY AREA) AND IPI. ALPINE CORP. THE PLATES ARE MADE OF 2014-T3 ALUMINUM (U-1/S) AND 6063-T5 ALUMINUM (U-2/S) ONLY. SELECT PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING T004-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY AN ALPINE ENGINEER OR (2) FOR THE TRUSS COMPANY'S DESIGN SHOULD THE SUBMITTAL BE USED OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE CONTRACTOR.

****IMPORTANT**** IMPRINT 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 AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL RESISTANCE SPEC., BY AREA) AND IPI. ALPINE CORP. THE PLATES ARE MADE OF 2014-T3 ALUMINUM (U-1/S) AND 6063-T5 ALUMINUM (U-2/S) ONLY. SELECT PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING T004-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED BY AN ALPINE ENGINEER OR (2) FOR THE TRUSS COMPANY'S DESIGN SHOULD THE SUBMITTAL BE USED OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE CONTRACTOR.

TC LL	20.0 PSF	FL/-/3/-/R/-	Scale = .125"/Ft.
TC DL	10.0 PSF	REF R487-- 86991	
BC DL	10.0 PSF	DATE 12/16/04	
BC LL	0.0 PSF	DRW HCUSR487 04351007	
TOT.LD.	40.0 PSF	HC-ENG JB/AF	
DUR.FAC.	1.25	SEQN- 112976	
CONTRACTOR	24 00	DECE- 1CTMA07 701	

```

Top chord 2x4 SP #2 Dense :T3, T6 2x6 SP #1 Dense:
:T7 2x6 SP #2:
Bot chord 2x6 SP #1 Dense :B1 2x4 SP #2 Dense:
:B3, B4 2x10 SP SS:
Web: 2x4 SP #3
:RT Slider 2x4 SP #3: BLOCK LENGTH = 2.038'

```

Roof overhang supports 2.00 psf soffit load.

Collar tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

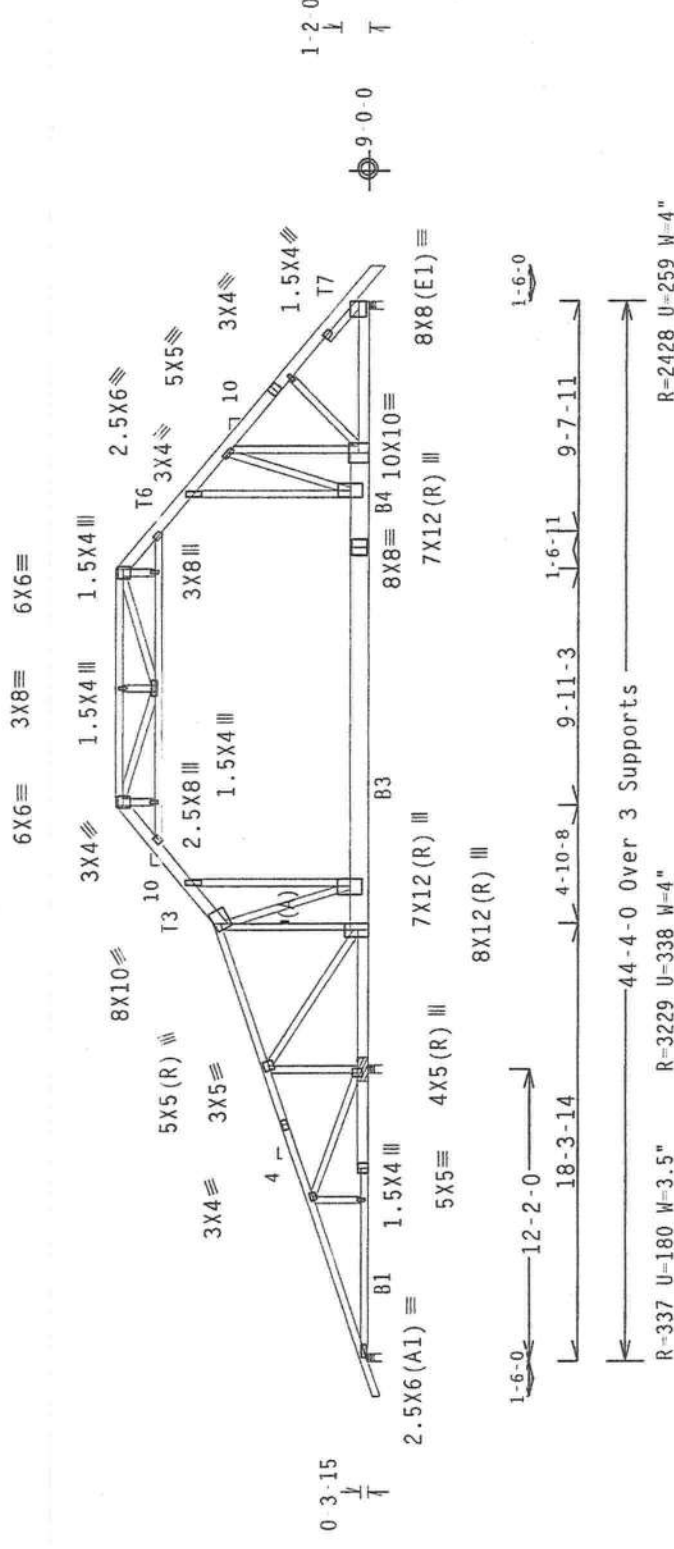
Deflection meets L/360 live and L/240 total load.

Bearing blocks: Nail type: 10d common nails(0.128"x3.0")
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
2 12,000' 1 12" 4 SPF Standard
Bearing block to be same size and species as bottom chord.
Refer to drawing CNBRGBLK0503 for additional information.

110 mph wind, 14.16 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 20-2-6 to 36-1-10.



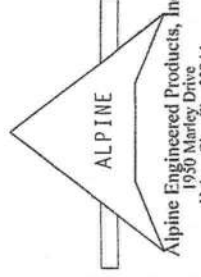
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.

F11-131-1-1R1-

Scale = 125"/Ft.

[illegible][illegible]

TC LL	20.0 PSF	REF R487 - - 86990
TC DL	10.0 PSF	DATE 12/16/04
BC DL	10.0 PSF	DRW HCUR487 04351006
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	40.0 PSF	SEQN- 112972
DUR.FAC.	1.25	

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:1SIW487-Z0116134650

Truss Fabricator: Anderson Truss Company
Job Identification: 390-LYN JONES
Truss Count: 2
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995
Engineering Software: Alpine Software, Version 6.33.0716.22.
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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: CNBRGBLK-BRCLBSUB

Seal Date: 12/16/2004

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

#	Ref	Description	Drawing#	Date
1	86990--A		04351006	12/16/04
2	86991--A1		04351007	12/16/04



3A / REPAIR - F1)

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

6 continuous strongback. See ANSI/TPI 1-02 Sect. 7.5.

ection meets L/360 live and L/240 total load.

TRUSS FOR MOVED INTERIOR BEARING SUPPORT AS

4W.

ER TO ALPINE DRAWING HCUR487 04294072

LUMBER, PLATES, AND OTHER DATA NOT SHOWN HERE.

0 REPAIR MUST COMPLY WITH ALPINE DESIGNS AND SPECIFICATIONS.

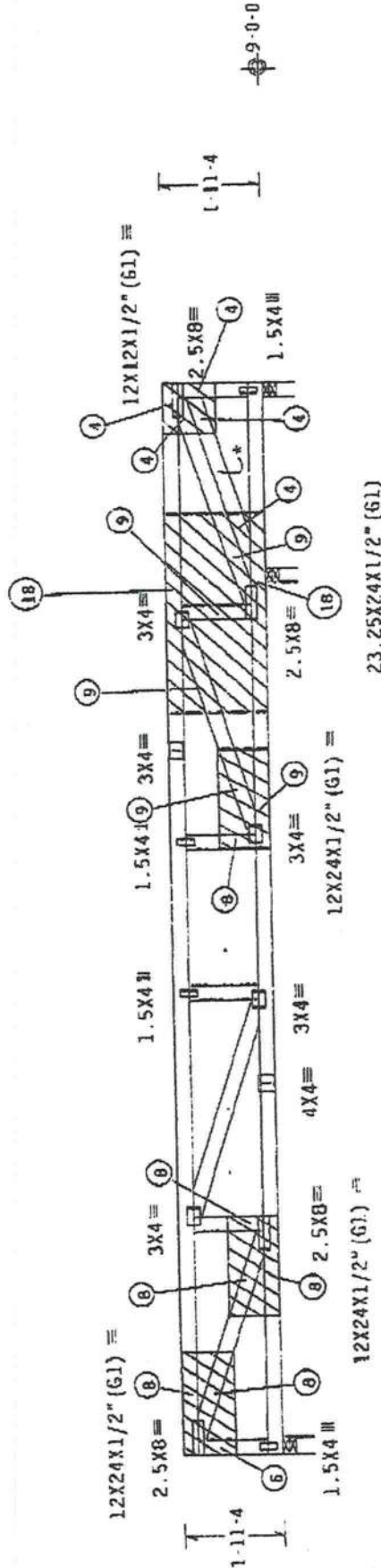
(G1) Gusset Plates are 1/2" APA STRUCTURAL I RATED SHEATHING, 32/16, EXP 1. Apply gusset to each face of truss and attach with evenly distributed 6d Common (0.113x2.0") Nails specified in circles. Minimum Nail/Screw Spacing Requirements Based on ANSI/AF&PA NDS-2003:
End Distance 5/8"
Spacing Between Rows 5/8" Spacing in a Row 1-3/4"
Maximum Number of Rows for Member Size:
2x4 4 Rows

*2X4X(SCTB TO CUT FOR TIGHT FIT) SP #2 OR BETTER FIELD APPLIED MEMBER.

863-422-2589

FROM-ALPINE ENGINEERING

DEC-22-2004 16:38



21-4-0 Over 3 Supports

R-205 W=3.5"

R-942 W=4"

TYP. Wave TPI		Design Crit: TPI-1995(ST0)/FBC		FL / - / - / R / F		Scale = 3/125" / Ft.	
TRUSS REPAIR		T.C. LL		40.0 PSF		REF R487-- 35151	
		T.C. DL		10.0 PSF		DATE 12/22/04	
		BC DL		5.0 PSF		DRW HCUR487 04157050	
		BC LL		0.0 PSF		RC-ENG DAL/ADR	
		TOT. LD.		55.0 PSF		SEON- 1198	
		BUR. FAC.		1.00			
		SPACING		24.0"		JREF- 15J2487_204	



DAMAGED TRUSSES MUST BE CAREFULLY EXAMINED TO DETERMINE THE EXTENT OF DAMAGE AND THE FEASIBILITY OF REPAIR. IN SOME CASES THE PROVEN SOLUTION IS TO REPLACE THE DAMAGED TRUSSES AND REBUILD. INTERNAL WOOD FLOOR DAMAGE AND EXCESSIVE CORROSION OF STEEL JOINTS ARE COMMON CAUSES OF TRUSS FAILURE. INCORPORATE THE FOLLOWING REPAIRS INTO THE REPAIR DESIGN AND CONSTRUCTION. CONSIDER THE CAUSE OF THE FAILURE IN YOUR DESIGN WHEN REPAIRING OR REPLACING.

REPAIR AND BUILD OF THIS TRUSS SHALL BE ONLY TO THOSE SECTIONS OF THE TRUSS IDENTIFIED BY THE TRUSS MANUFACTURER TO HAVE BEEN DAMAGED. A QUALIFIED THIRD PARTY INSPECTOR SHALL CHECK TRUSSES TO DETERMINE THE EXTENT OF ANY FURTHER DAMAGE. IF ANY, AND REPAIR MUST BE MADE IN ACCORDANCE WITH THE TRUSS MANUFACTURER'S REPAIR INSTRUCTIONS.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Huntsville, TN 38444
A Certificate of Authorization # 557

01/04/2005 15:20 8775622300

ELLISON

PAGE 01

AAMA/NWDA 101/LS2-97
TEST REPORT

Rendered to:

ATRIUM WINDOWS AND DOORS

SERIES/MODEL: 500 DH
TYPE: Vinyl Double Hung Window

Summary of Results		
Title	Test Specimen #1	Test Specimen #2
AAMA Rating	H-R25 48 x 78	H-R50* 36 x 74
Operating Force	26 lb max.	N/A
Air Infiltration	0.15 cfm/ft ²	N/A
Water Resistance Test Pressure	6.0 psf	8.25 psf
Uniform Load Deflection Test Pressure	25 psf	50 psf
Uniform Structural Load Test Pressure	37.5 psf	75.0 psf
Deglazing	Passed	N/A
Forced Entry Resistance	Grade 10	N/A

Reference should be made to ATI Report No. 01-41037.03 for complete test specimen description and data.

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

01/04/2005 15:28 8775622300

ELLISON

PAGE 02


 Architectural Testing
AAMA/NWWD 101/LS2-97 TEST REPORT

Rendered to:

ATRIUM WINDOWS AND DOORS
300 Wolcome Center Boulevard
Welcome, North Carolina 27374

Report No: 01-41037
Test Date: 02/20/02
Report Date: 11/11/03
Expiration Date: 03/20/05

Series/Model: 500 DH

Type: PVC Double Hung Window

Project Summary: Architectural Testing, Inc. (ATI) was contracted by Ellison Windows and Doors to perform tests on two Series/Model 500 DH, PVC double hung windows. The samples successfully met the performance requirements for the following ratings: Test Specimen #1: H-R25 x 78; Test Specimen #2: H-R50* 36 x 74.

General Note: An asterisk (*) next to the performance grade indicates that the size tested optional performance was smaller than the Gateway test size for the product type and class.

Test Specification: The test specimen was evaluated in accordance with AAMA/NWWD 101/LS2-97, Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glazed Doors.

Test Specimen Description:**Test Specimen #1: Gateway Performance Specimen (H-R25 48 x 78)**

Overall Size: 4' 0" wide by 6' 5-7/8" high

Interior Sash Size: 3' 8-1/2" wide by 3' 2-1/8" high

Exterior Sash Size: 3' 7-3/4" wide by 3' 1-1/4" high

Screen Size: 3' 7-1/4" wide by 6' 2-1/2" high

Glazing Type: SSB

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

01/04/2005 15:28 8775622300

ELLISON

PAGE 03

01.4103
Page 2**Test Specimen Description: (Continued)****Test Specimen #2: Downsized Performance Specimen (H-R50* 36 x 74)****Overall Size:** 3' 0" wide by 6' 1-3/4" high**Interior Sash Size:** 2' 8-1/2" wide by 3' 0-1/8" high**Exterior Sash Size:** 2' 7-3/4" wide by 2' 11-1/4" high**Screen Sash Size:** 2' 7" wide by 5' 10-3/4" high**Glazing Type:** SSB**Finish:** All PVC was white.

Glazing Details: Each test specimen utilized 3/4" thick sealed insulating glass composed of two 3/32" thick sheets of clear annealed glass and a metal spacer system. Both sash insulating glass was exterior glazed against double-sided adhesive foam tape and secured with co-extruded PVC glazing beads.

Weatherstripping:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.187" backed 0.270" high polypile with center fin	2 Rows	All stiles
0.187" backed 0.270" high polypile with center fin	1 Row	Top rail, interior vertical sill leg, interior head adapter
0.187" backed 0.170" high polypile with center fin	1 Row	Interior sash meeting rail
1-1/4" long by 1/2" wide by 0.310" high polypile dust plug	2	Corners of interior sash meeting rail
0.270" diameter hollow bulb seal	1 Row	Exterior sash meeting rail
0.187" wide by 0.400" high dual leaf foam filled vinyl bulb seal	1 Row	Bottom rail

Frame Construction: The frame was constructed with extruded PVC members. All corners were mitered and welded. A PVC snap-in head adapter was utilized at the head.

01/04/2005 15:20 8775622300

ELLISON

PAGE 24

01-4103-03
Page 3 of 6**Test Specimen Description: (Continued)**

Sash Construction: The sash were constructed with extruded PVC members. All corners were mitered and welded.

Screen Construction: The screen was constructed with extruded aluminum members. corners were mitered and keyed and the screen mesh was held-in-place with a vinyl s; line.

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Spiral balances	4	Two per jamb
Metal sweep locks with keepers	2	7" from ends of interior meeting rail
Tilt latch assembly	4	Top corners of each screen
Metal pivot bars	4	Bottom corners of each sash

Drainage:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
0.320" diameter weephole	4	2-3/4" from ends of bottom rail and exterior meeting rail draining the glazing channel

Reinforcement: Extruded aluminum reinforcement was utilized in the bottom rail (Part #6401016800), the interior meeting rail (Part #6407116800), the exterior meeting rail (Part #6409116800), the bottom sash stiles (Part #6408116800) and the top sash stiles (Part #6401116800).

Installation: The window was installed into a SPF #2 wood buck. The integral nailing flange was set into a bed of silicone, and secured with #8 x 1-1/4" drywall screws, 1" from each corner and on center.

01/04/2005 15:20 8775622300

ELLISON

PAGE 05

01-4103
Page 4 of 5**Test Results:**

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allow. reqd.</u>
Test Specimen #1: (H-R25 48 x 78)			
2.2.1.6.1	Operating Force	26 lbs max.	30 lbs max.
2.1.2	Air Infiltration (ASTM E 283-91) @ 1.56 psf (25 mph)	0.15 cfm/ft ²	0.3 cfm/ft ² max.

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

2.1.3	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 interior sash stile during positive loads and exterior meeting rail during negative loads) (Loads were held for 52 seconds)	0.28" 0.32"	See Note #2 See Note #2
	@ 15.0 psf (positive)		
	@ 15.0 psf (negative)		

Note #3: The Uniform Load Deflection test is not an AAMA/NWWDA 101/I.S. 2-97 requirement for this product designation. The data is recorded in this report for information only.

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the interior sash stile after positive loads and exterior meeting rail after negative loads) (Loads were held for 10 seconds)	<0.01" <0.01"	0.15 max. 0.18 max.
	@ 22.5 psf (positive)		
	@ 22.5 psf (negative)		

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ELLISON

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Page 5 of 6

Test Results:

Test Specimen #1: (Continued)

Paragraph	Title of Test - Test Method	Results	Att. used
2.2.1.6.2	Deglazing Test (ASTM E 987-88) In operating direction at 70 lbs		
	Interior sash bottom rail	0.11"/22%	0.500' /100%
	Interior sash meeting rail	0.11"/22%	0.500' /100%
	Exterior sash top rail	0.13"/26%	0.500' /100%
	Exterior sash meeting rail	0.13"/26%	0.500' /100%
	In remaining direction at 50 lbs		
	Interior sash left stile	0.07"/14%	0.500' /100%
	Interior sash right stile	0.07"/14%	0.500' /100%
	Exterior sash left stile	0.06"/12%	0.500' /100%
	Exterior sash right stile	0.08"/16%	0.500' /100%
2.1.7	Welded Corner Test	Meets as stated	Meets as stated
2.1.8	Forced Entry Resistance (ASTM F 582-97-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Test A1 thru A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry
<u>Optional Performance</u>			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 6.0 psf	No leakage	No leakage
4.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the interior sash stile @ ring position loads and exterior meeting rail during negative loads) (Loads were held for 32 seconds)		
	@ 25.0 psf (positive)	1.24"	See Note #2
	@ 25.0 psf (negative)	0.56"	See Note #2
4.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the interior sash stile @ ring position loads and exterior meeting rail after negative loads) (Loads were held for 10 seconds)		
	@ 37.5 psf (positive)	0.05"	0.1" max.
	@ 37.5 psf (negative)	0.02"	0.1" max.

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ELLISON

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1-41037.0
Page 6 of

Test Results: (Continued)

Test Specimen #2: (H-R50* 36 x 74)

Paragraph Title of Test - Test Method

Results

Allowance

Optional Performance

4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 8.25 psf	No leakage	No leakage
4.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the interior sash stile during positive loads and exterior meeting rail during negative loads) (Loads were held for 52 seconds) @ 50.0 psf (positive) @ 50.0 psf (negative)	0.46" 0.32"	See Not #2 See Not #2
4.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the interior sash stile after positive loads and exterior meeting rail after negative loads) (Loads were held for 10 seconds) @ 75.0 psf (positive) @ 75.0 psf (negative)	0.03" 0.01"	0.14" max. 0.13" max.

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. This report may not be reproduced except in full without the approval of Architectural Testing.

For ARCHITECTURAL TESTING, INC.:



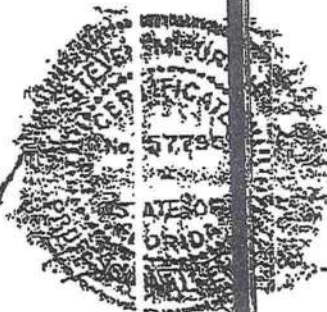
Scott Gill
Technician

SG:baw
01-41037.03

Digitally signed by: Steven M. Ulrich

Steven M. Ulrich, P. E.
Senior Project Engineer

At 2 21
Nov 14, 2005



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ELLISON

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DOCUMENT CONTROL ADDENDUM #01-41037.00

Current Issue Date: 11/11/03

Report No.: 01-41037.01

Requested by: Kent Woodward, Ellison Windows and Doors
Purpose: AAMA/NWDA 101/LS-2-97 testing of Series/Model 500 DH, 1 xyl. double hung window.
Issued Date: 03/22/02
Comments: Certification copy to John Smith at Associated Laboratories, Inc.

Report No.: 01-41037.02

Requested by: Kent Woodward, Atrium Windows and Doors
Purpose: Revision to Report No. 01-41037.01.
Issued Date: 08/26/02
Comments: Changed the company name from Ellison Windows & Doors to Atrium Windows and Doors. Certification copy to John Smith at Associated Laboratories, Inc.

Report No.: 01-41037.03

Requested by: Kent Woodward, Atrium Windows and Doors
Purpose: Revision to Report No. 01-41037.02.
Issued Date: 11/11/03
Comments: Added Florida P.E. seal to report.



Masonite®

Masonite International Corporation

TECHNICAL ADVISORY

Date: March 3, 2003

To: Building Code Official
Authority Having Jurisdiction

From: Kenneth R. Imhoff
Sr. Project Manager - Exterior Door Products
kimhoff@masonite.com
615/441-4255 office
813/335-4171 mobile
615/446-7229 fax

CC: Michael Bryson - American Door &
Millwork (407/321-1052)
Ryan Berry

Subject: Company Profile - Masonite / Premdor

Masonite / Premdor Exterior Door Products represents several brands of steel, fiberglass & patio door units supplied to the Florida market. In an effort to clarify the parent company & the corresponding brands that code administrator's may see I have provided a brief recap of our history.

Premdor Incorporated, a global building products company with its Corporate Headquarters in Mississauga, Ontario (Canada) and its International Administrative Offices in Tampa, Florida. On August 31, 2001 Premdor announced that it has completed the acquisition of Masonite Corporation from International Paper Company. Effective January 1, 2002 the name of the combined company was changed to Masonite International (www.masonite.com).

Masonite / Premdor exterior door unit components are supplied under the following brand names for assembly and distribution in the Florida market:

ArTek™	Castlegate™	Celco™	Colorado™
Decor™	Entergy™	Evergreen™	Johnson™
Monterrey™	Oakcraft™	PremVU™	Span-Rite™
Specialty™		Royal Mahogany Products™	

If you have additional questions or require additional information as a condition of proceeding with the use of this product in the building permit process please contact me using the information proved above.

Respectfully Submitted,

Kenneth R. Imhoff

Masonite/Premdor Exterior Door Products • One Premdor Drive • Dickson, Tennessee 37055
ArTek, Castlegate, Celco, Colorado, Decor, DorFab, Entergy, Evergreen, Johnson, Monterrey, Oakcraft, PremVU, Rochman Universal, Royal Mahogany Products, Span-Rite, Specialty/Baylite,

Intertek
ETL SEMKO

Certificate Of Validation

This confirms that Intertek has reviewed structural load test data and documentation for the product line listed below and performed the validation checklist in accordance with Florida Administrative Rule 9B-72. The appropriate COP/ Test Report Validation Matrix provides correlation information for each product model reviewed such as the test lab report numbers, performance values, and installation information.

Florida Statewide Approval: #FL18
Manufacturer: Masonite International
Product Line: Wood-edge Steel Door Units

Intertek Validation Matrix: #3026447A-001
#3026447B-001
#3026447C-001

Signed: *Wendy Harkins*
Title: Program Manager

Intertek is an approved 3rd Party Validation Entity by the State of Florida (8VAL 1616)



COP/Test Report Validation Matrix
#3026447B-001

WOOD-EDGE STEEL DOORS

COP# (WL-)	Frame Type	Config.	Swing (HD)	Max. Overall Size (ins.)	Leads	Nominal Max. Leaf Size (ins.)	Glazing Type ¹	+DP (psi)	-DP (psi)	Impact App'd	Ref. Test Reports ²	Ret. Eval. Report	Aspy Detail (MAO-VL-NA)	Instal. Detail (MID-VL-NA)
MAA128-03	wood	X	O	36 x 96	1	36 x 96	O	70.0	70.0	Y	CTLA-919W	D03-005-0002	0011-02	0001-02
MAA127-03	wood	XX	O	72 x 96	1,2	36 x 96	O	49.7	49.7	Y	CTLA-919W	D03-005-0002	0012-02	0002-02
MAA128-03	wood	XO/OX	O	72 x 96	1	36 x 96	O	49.7	49.7	Y	CTLA-919W	D03-005-0002	0013-02; 0016-02; 0041-02	0003-02
MAA129-03	wood	OXO	O	108 x 96	1	36 x 96	G	49.7	49.7	N	CTLA-919W	D03-005-0002	0014-02; 0017-02; 0041-02	0004-02
MAA130-03	wood	OXO	O	144 x 96	1,2	36 x 96	G	49.7	49.7	Y	CTLA-919W	D03-005-0002	0015-02; 0018-02; 0041-02	0005-02
CA4131-02	HM	X	O	36 X 80	1	36 X 80	G	49.7	49.7	N	NCTL-210-1897 10-12	-	0020-02	0007-02
CA4138-02	2-PC	X	O	36 X 80	1	36 X 80	O	68.0	68.0	Y	NCTL-210-1916-10, 11, 12	-	0019-02	0006-02
CA4141-02	wood	X	4	36 x 80	1	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0001/0041-02	0001-02
CA4142-02	wood	XX	1	72 x 80	1,2	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0002/0041-02	0002-02
CA4143-02	wood	XO/OX	1	72 x 80	1	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0003-02; 0009/0041-02	0003-02
CA4144-02	wood	OXO	1	108 x 80	1	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0004-02; 0007/0041-02	0004-02
CA4145-02	wood	OXO	1	144 x 80	1,2	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0005-02; 0008/0041-02	0005-02
CA4151-02	wood	X	O	36 x 80	1	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0011/0041-02	0001-02
CA4152-02	wood	XX	O	72 x 80	1,2	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0012/0041-02	0002-02
CA4153-02	wood	XO/OX	O	72 x 80	1	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0013-02; 0016/0041-02	0003-02
CA4154-02	wood	OXO	O	108 x 80	1	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0014-02; 0017/0041-02	0004-02
CA4155-02	wood	OXO	O	144 x 80	1,2	36 x 80	G	50.5	50.5	N	NCTL-210-1897 10-12	-	0025/0041-02	0005-02

¹ DuoPaque, G-glazed
² tested in accordance with Norm-Data Protocols PA201, PA202 and PA203

FL18 for wood-edge steel door units
• FL19 for metal-edge steel door units
• FL20 for fiberglass door units



COP/MAO/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.



ITS Intertek Testing Services



COP/Test Report Validation Matrix

#3026447C-001

WOOD-EDGE STEEL DOORS

COP# (WL-)	Frame Type	Config.	Swing (W)	Max. Overall Size (ins.)	Leath	Normal Max. Leaf Size (ins.)	Glazing Type ¹	+DP (psi)	-DP (psi)	Impact App'd	Ref. Test Reports ²	Ref. Eval. Report	Ass'y Detail (MAD-WL-MA)	Initial Detail (MID-WL-MA)
EN4101-02	wood	X	I	36 x 80	1	36 x 80	O	76.0	76.0	Y	NCTL-210-1864 5-6	-	0001-02	0001-02
EN4102-02	wood	XX	I	72 x 80	1, 2	36 x 80	O	55.0	55.0	Y	NCTL-210-1905 7-9	-	0002-02	0002-02
EN4103-02	wood	XOXX	I	50 x 80	1	36 x 80	O	57.0	57.0	Y	NCTL-210-1860 10, 12	-	0003-02 0006-0041-02	0003-02
EN4104-02	wood	OXO	I	108 x 80	SL	14 x 80	G	57.0	57.0	N	NCTL-210-1905 7-9; 1860 10, 12	-	0004-02; 0007-0041-02	0004-02
EN4105-02	wood	OXO	I		SL	14 x 80	G	67.0	67.0	N		-	0005-02	0005-02
MA4106-03	wood	OXO	I	144 x 80	SL	36 x 80	O	55.0	55.0	Y	NCTL-210-1905 7-9	-	0006-02	0006-02
MA4107-03	wood	X	I	36 x 96	1	36 x 96	O	70.0	70.0	Y	CTLA-919W	D03-005-0002	0004-02	0001-02
MA4108-03	wood	XX	I	72 x 96	1, 2	36 x 96	O	49.7	49.7	Y	CTLA-919W	D03-005-0002	0002-02	0002-02
MA4109-03	wood	XOXX	I	72 x 96	1	36 x 96	O	49.7	49.7	Y	CTLA-919W	D03-005-0002	0003-02; 0006-02; 0041-02	0003-02
MA4110-03	wood	OXO	I	108 x 96	SL	36 x 96	G	49.7	49.7	N		D03-005-0002	0004-02; 0007-02; 0041-02	0004-02
EN4111-02	HM	X	I	36 x 80	SL	36 x 96	G	49.7	49.7	N		-	0005-02; 0008-02; 0041-02	0005-02
EN4116-02	2-PC	X	I	36 x 80	1	36 x 80	O	65.0	65.0	Y	NCTL-210-1915-7, 8, 9	-	0010-02	0007-02
EN4121-02	wood	X	O	36 x 80	1	36 x 80	O	65.0	65.0	Y	NCTL-210-1916-7, 8, 9	-	0009-02	0006-02
EN4122-02	wood	XX	O	36 x 80	1	36 x 80	O	76.0	76.0	Y	NCTL-210-1861 4-6	-	0011-02	0004-02
EN4123-02	wood	XOXX	O	72 x 80	1, 2	36 x 80	O	55.0	55.0	Y	NCTL-210-1905 7-9	-	0012-02	0002-02
EN4124-02	wood	OXO	O	50 x 80	1	36 x 80	O	57.0	57.0	Y	NCTL-210-1860 10, 12	-	0013-02 0016-0041-02	0003-02
EN4125-02	wood	OXO	O	108 x 80	SL	14 x 80	G	57.0	57.0	N		-	0014-02; 0017-0041-02	0004-02
EN4126-02	wood	OXO	O	144 x 80	SL	36 x 80	G	67.0	67.0	N		-		
					SL	36 x 80	G	55.0	55.0	N		-		
					SL	36 x 80	G	55.0	55.0	Y	NCTL-210-1905 7-9	-	0015-02; 0018-0041-02	0005-02
					SL	36 x 80	G	55.0	55.0	N		-		

¹ O=opaque; G=glazed
² Tested in accordance with Milne-Dodge Protocols PA201, PA202 and PA203

VERIFIED BY:

Memo 16, 2003

COP/MAD/MID charts referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.



ITS

Intertek Testing Services



COP/Test Report Validation Matrix
#3026447C-001

WOOD-EDGE STEEL DOORS

Copy (WL-)	Frame Type	Config.	Swing (DO)	Max. Overall Size (ins.)	Leaf (ins.)	Nominal Max. Leaf Size (ins.)	Glazing Type*	±DP (psi)	Impact Appr.†	Ref. Test Reports*	Ref. Eval. Report	Ass'y Detail (MAD-WL-MA)	Instal Detail (MID-WL-MA)
MA4126-03	wood	X	O	36 x 96	1	36 x 96	O	70.0	Y	CTLA-919W	003-005-0002	0011-02	0001-02
MA4127-03	wood	XV	O	72 x 96	1, 2	36 x 96	O	49.7	Y	CTLA-919W	003-005-0002	0012-02	0002-02
MA4128-03	wood	XO/OX	O	72 x 96	1	36 x 96	O	49.7	Y	CTLA-919W	003-005-0002	0013-02; 0018-02; 0041-02	0003-02
MA4129-03	wood	O/O	O	108 x 96	SL	36 x 96	G	49.7	N	CTLA-919W	003-005-0002	0014-02; 0017-02; 0041-02	0004-02
MA4130-03	wood	O/O	O	144 x 96	SL	36 x 96	G	49.7	N	CTLA-919W	003-005-0002	0015-02; 0018-02; 0041-02	0005-02
EN4131-02	HM	X	O	36 x 80	SL	36 x 96	G	49.7	N	NCIL-210-1897 7-9	-	0020-02	0007-02
EN4136-02	2-PC	X	O	36 x 80	1	36 x 80	O	66.0	Y	NCIL-210-1916-7, 8, 9	-	0019-02	0006-02
EN4141-02	wood	X	I	36 x 80	1	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0009/0041-02	0001-02
EN4142-02	wood	XO	I	72 x 80	1, 2	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0002/0041-02	0002-02
EN4143-02	wood	XO/OX	I	72 x 80	1	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0003-02; 0006/0041-02	0003-02
EN4144-02	wood	O/O	I	108 x 80	SL	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0004-02; 0007/0041-02	0004-02
EN4145-02	wood	O/O	I	144 x 80	SL	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0005-02; 0008/0041-02	0005-02
EN4161-02	wood	X	O	36 x 80	SL	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0011/0041-02	0001-02
EN4162-02	wood	XO	O	72 x 80	1, 2	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0012/0041-02	0002-02
EN4163-02	wood	XO/OX	O	72 x 80	1	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0013-02; 0018/0041-02	0003-02
EN4164-02	wood	O/O	O	108 x 80	SL	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0014-02; 0017/0041-02	0004-02
EN4165-02	wood	O/O	O	144 x 80	SL	36 x 80	G	50.5	N	NCIL-210-1897 7-9	-	0025/0041-02	0005-02

* O=opaque; G=glazed
† tested in accordance with Metro-Data Protocols PA201, PA202 and PA203



COP/MAD/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.



ITS Intertek Testing Services



COP/Test Report Validation Matrix
#3026447B-001

WOOD-EDGE STEEL DOORS

COP# (WL-)	Frame Type	Config.	Swing (UD)	Max. Overall Size (ins.)	Leaf#	Nominal Max. Leaf Size (ins.)	Glazing Type ¹	+DP (psi)	-DP (psi)	Impact App'd	Rel. Test Reports ²	Rel. Eval. Report	Ass'y Detail (MAD-WL-MA)	Initial Detail (MID-WL-MA)
CA4101-02	wood	X	I	36 x 80	1	36 x 80	O	76.0	75.0	Y	NCTL-210-1854 7-8	-	0001-02	0001-02
CA4102-02	wood	XX	I	72 x 80	1, 2	36 x 80	O	55.0	54.0	Y	NCTL-210-1905 10-12	-	0002-02	0002-02
CA4103-02	wood	XO/XD	I	50 x 80	1	36 x 80	O	67.0	67.0	Y	NCTL-210-1880 7, 9	-	0003-02; 0006/0041-02	0003-02
CA4104-02	wood	OXO	I	108 x 80	SL	14 x 80	G	67.0	67.0	N	NCTL-210-1860 7, 9; 1905 10-12	-	0004-02; 0007/0041-02	0004-02
CA4105-02	wood	OXO	I	144 x 80	SL	14 x 80	G	67.0	67.0	N	NCTL-210-1905 10-12	-	0005/0041-02	0005-02
MA4106-03	wood	X	I	36 x 96	1	36 x 96	O	70.0	70.0	Y	CTLA-919W	0001-02	0001-02	0001-02
MA4107-03	wood	XX	I	72 x 96	1, 2	36 x 96	O	49.7	49.7	Y	CTLA-919W	0002-02	0002-02	0002-02
MA4108-03	wood	XO/XD	I	72 x 96	1	36 x 96	O	49.7	49.7	Y	CTLA-919W	0003-02; 0006-02; 0041-02	0003-02; 0006-02; 0041-02	0003-02
MA4109-03	wood	DXO	I	108 x 96	SL	36 x 96	G	49.7	49.7	N	CTLA-919W	0004-02; 0007-02; 0041-02	0004-02; 0007-02; 0041-02	0004-02
MA4110-03	wood	DXO	I	144 x 96	SL	36 x 96	G	49.7	49.7	Y	CTLA-919W	0005-02; 0008-02; 0041-02	0005-02; 0008-02; 0041-02	0005-02
CA4111-02	HM	X	I	36 x 80	SL	36 x 80	G	49.7	49.7	N	NCTL-210-1915-10, 11, 12	-	0010-02	0007-02
CA4116-02	2-PC	X	I	36 x 80	1	36 x 80	O	66.0	66.0	Y	NCTL-210-1916-10, 11, 12	-	0008-02	0006-02
CA4121-02	wood	X	O	36 x 80	1	36 x 80	O	76.0	76.0	Y	NCTL-210-1861 10-12	-	0011-02	0001-02
CA4122-02	wood	XX	O	72 x 80	1, 2	36 x 80	O	55.0	55.0	Y	NCTL-210-1905 10-12	-	0012-02	0002-02
CA4123-02	wood	XO/XD	O	50 x 80	1	36 x 80	O	67.0	67.0	Y	NCTL-210-1880 7, 9	-	0013-02; 0016/0041-02	0003-02
CA4124-02	wood	OXO	O	108 x 80	SL	14 x 80	G	67.0	67.0	N	NCTL-210-1905 10-12; 1880 7, 9	-	0014-02; 0017/0041-02	0004-02
CA4125-02	wood	OXO	O	144 x 80	SL	14 x 80	G	67.0	67.0	N	NCTL-210-1905 10-12	-	0015-02; 0018/0041-02	0005-02

¹ O=opaque; G=glazed
² tested in accordance with Metro-Data Protocols PA201, PA202 and PA203



COP/MAD/MID sheets referenced in this matrix provides additional information - available from the Masonite website (www.masonite.com) or the Masonite technical center.

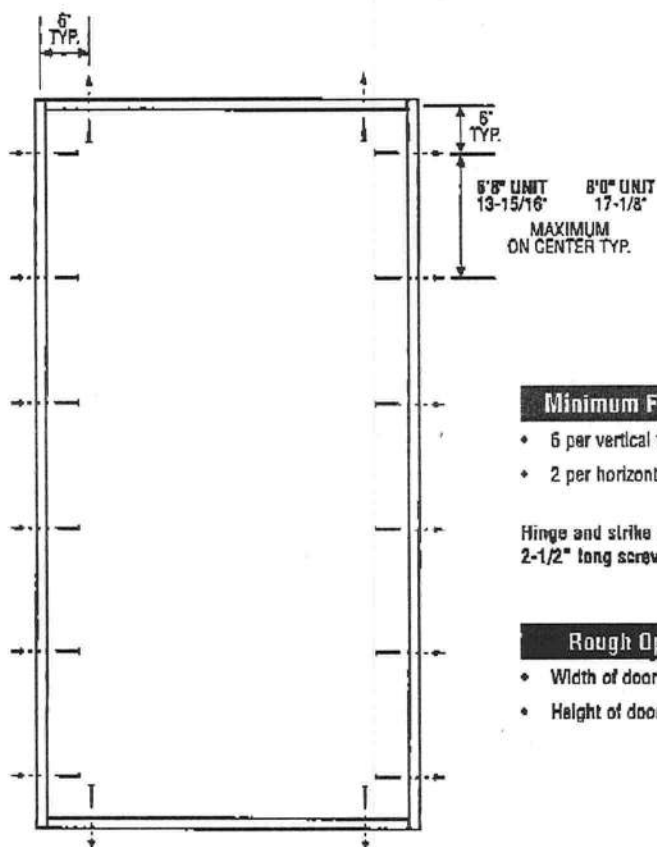


ITS Intertek Testing Services

X
Unit

MID-WL-MA0001-02

SINGLE DOOR



Minimum Fastener Count

- 6 per vertical framing member
- 2 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"



Test Data Review Certificate #3026447A: #3026447B: #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITSAWH website (www.itsawh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0246*, 0266*, 3146, 3166, 3241*, 3246, 3261* or 3266**
Compliance requires that B* GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AP & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

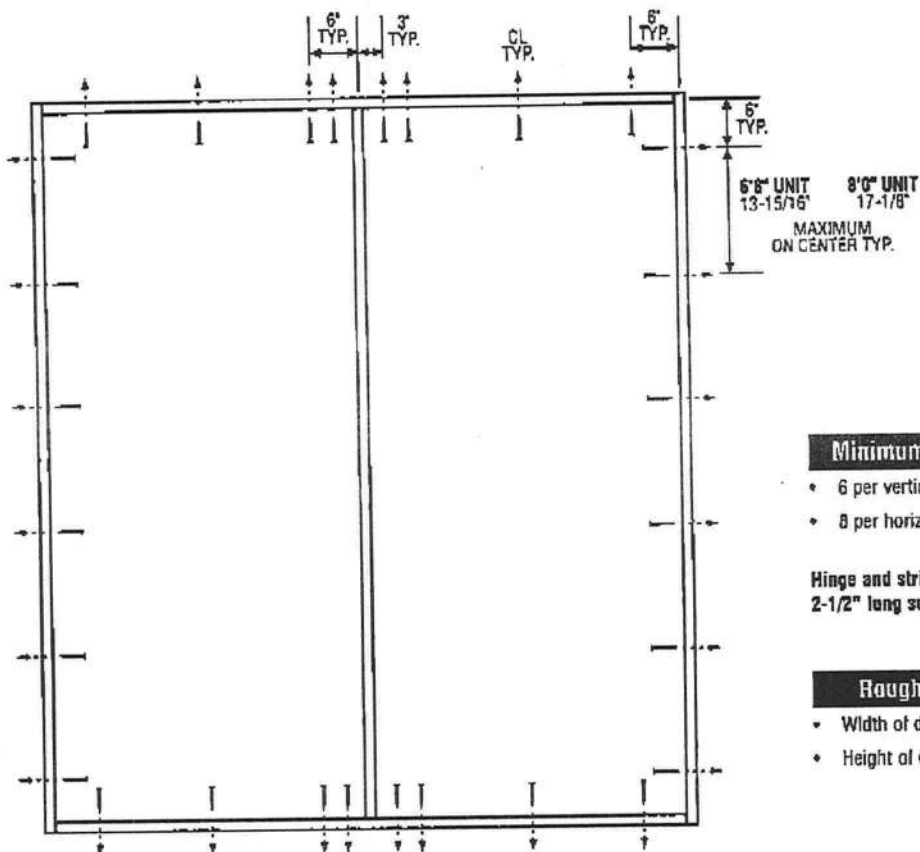
1

October 14, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

Masonite®

XX
Unit

MID-WL-MA0002-02

DOUBLE DOOR**Minimum Fastener Count**

- 6 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two
2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"



Test Data Review Certificate #3028447A; #3028447B; #3028447C and COP/Test Report Validation Matrix #3028447A-001, 002, 003; #3028447B-001, 002, 003; #3028447C-001, 002, 003 provides additional information - available from the IT5/WH website (www.it5semko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0247*, 0267*, 3147, 3167, 3242*, 3247, 3262* or 3267**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

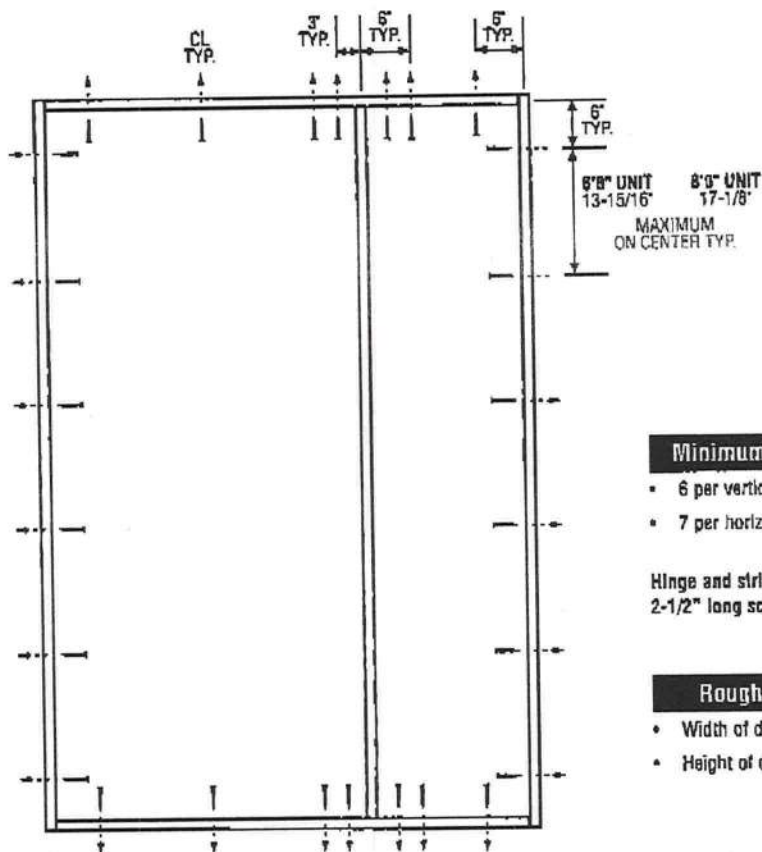
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October 14, 2002
Our continuing program of product improvement makes specifications,
design and product sizes subject to change without notice.

XO or OX
Unit

MID-WL-MA0003-02

SINGLE DOOR WITH 1 SIDELITE



Minimum Fastener Count

- 6 per vertical framing member
- 7 per horizontal framing member

Hinge and strike plates require two 2-1/2\"

Rough Opening (RO)

- Width of door unit plus 1/2\"
- Height of door unit plus 1/4\"

Warnock Hervey Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003; #3026447B-001, 002, 003; #3026447C-001, 002, 003 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0240\", 0268\", 3243\", 3248, 3263\" or 3268**
Compliance requires that 8\" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16\"
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4\"
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

1

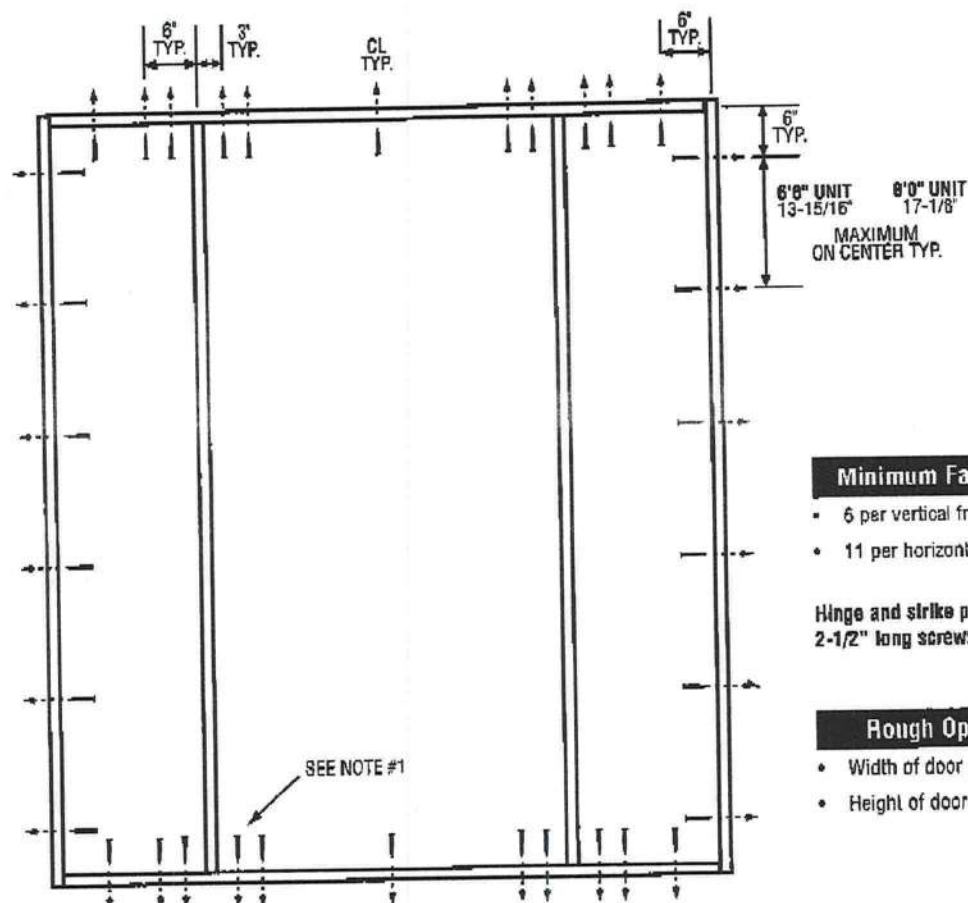
October 14, 2002
Our continuing program of product improvement makes specifications, design and product details subject to change without notice.

Masonite

OXO
Unit

MID-WL-MA0004-02

SINGLE DOOR WITH 2 SIDELITES



Minimum Fastener Count

- 6 per vertical framing member
- 11 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"



Test Data Review Certificate #3026447A; #3026447B; #3026447C and COP/Test Report Validation Matrix #3026447A-001, 002, 003, 004; #3026447B-001, 002, 003, 004; #3026447C-001, 002, 003, 004 provides additional information - available from the ITS/WH website (www.ellsemko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0249*, 0269*, 3244*, 3249, 3264* or 3269**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Jamb and head fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons. Threshold fasteners analyzed for this unit include #6 and #10 wood screws, 3/16" Tapcons, or Liquid Nails Builders Choice 490 (or equal structural adhesive).
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

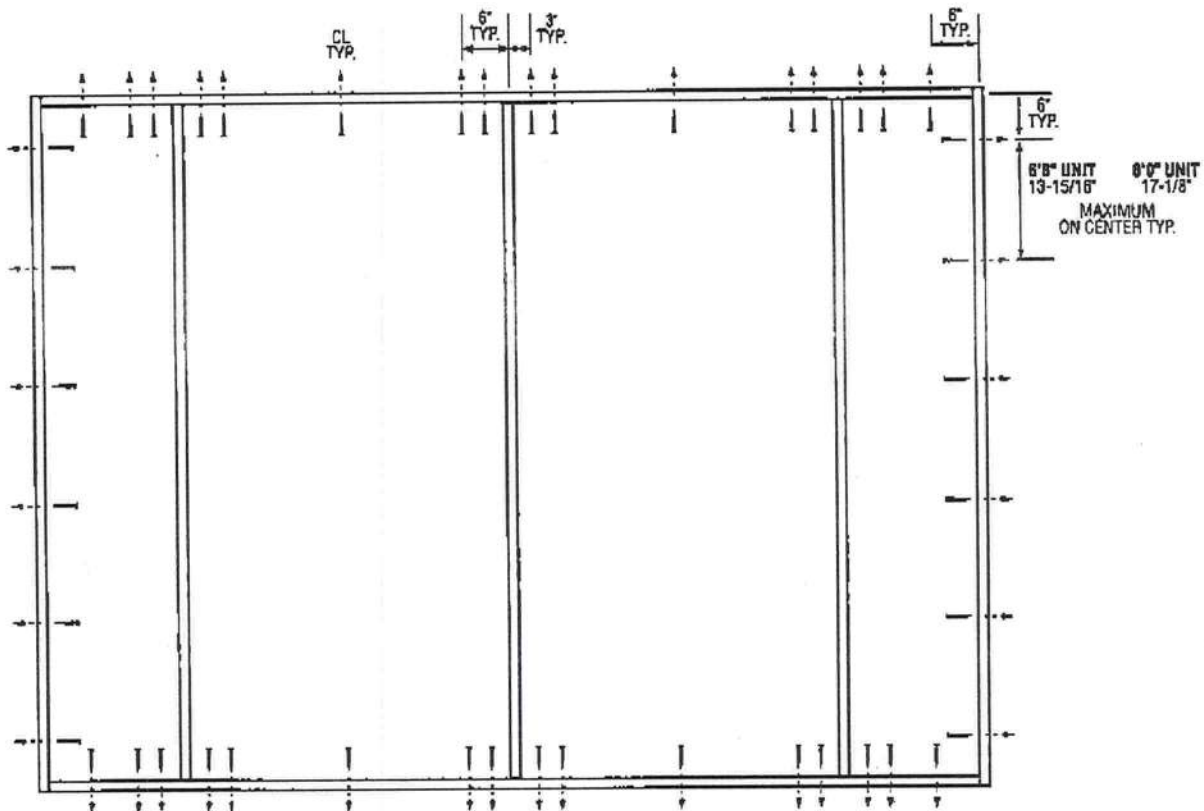
March 10, 2003
Our continuing program of product improvement makes specifications design and product detail subject to change without notice.

Masonite®

OXO

Unit

MID-WL-MA0005-02

DOUBLE DOOR WITH 2 SIDELITES

Test Data Review Certificate #3026447A; #3026447B;
#3026447C and COP/Test Report Validation Matrix #3026447A-
001, 002, 003; #3026447B-001, 002, 003; #3026447C-001,
002, 003 provides additional information - available from the
ITW/WH website (www.itsmko.com), the Masonite website
(www.masonite.com) or the Masonite technical center.

Minimum Fastener Count

- 6 per vertical framing member
- 16 per horizontal framing member

Hinge and strike plates require two
2-1/2" long screws per location.

Rough Opening (RO)

- Width of door unit plus 1/2"
- Height of door unit plus 1/4"

Latching Hardware:

- Compliance requires that GRADE 3 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.
- **UNITS COVERED BY COP DOCUMENT 0250*, 0270*, 3147, 3167, 3245*, 3250, 3265* or 3270**
Compliance requires that 8" GRADE 1 (ANSI/BHMA A156.16) surface bolts be installed on latch side of active door panel - (1) at top and (1) at bottom.

*Based on required Design Pressure - see COP sheet for details.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. Fasteners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AP & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Dade County approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

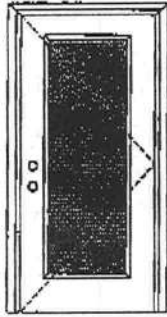
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October 14, 2002
Our continuing program of product improvement makes specifications,
design and product detail subject to change without notice.

X

Glazed Outswing Unit

COP-WL-EN4161-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

Test Data Review Certificate #3028447C and COP/Test Report Validation Matrix #3026447C-001 provides additional information - available from the ITS/WH website (www.itswh.com), the Masonite website (www.masonite.com) or the Masonite technical center.

Note:

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

Single Door

Maximum unit size = 3'0" x 6'8"

Design Pressure

+50.5/-50.5

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed - see MAD-WL-MA0011-02 and MAD-WL-MA0041-02.

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



133, 135 Series



136 Series



680 Series



622 Series

1/2 GLASS:

105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

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

1

Entergy
Entry Systems

June 17, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

Masonite
Masonite International Corporation

X

Glazed Outswing Unit

COP-WL-EN4161-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

404 Series



410 Series



450 Series

FULL GLASS:

100 Series

114, 120, 122
Series

152 Series



148 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.032" steel. Bottom end rails constructed of 0.032" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balthaz

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



Test Data Review Certificate #30264470 and COP/Test Report Validation Matrix #30264470-001 provides additional information - available from the ITS/WH website (www.edsamko.com), the Masonite website (www.masonite.com) or the Masonite technical center.

2

Entergy
Entry Systems

June 17, 2002

Our continuing program of product improvement makes specifications, design and product details subject to change without notice.



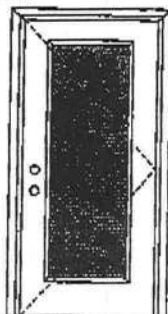
Exclusively from

Masonite
Masonite International Corporation

X

Glazed Inswing Unit

COP-WL-EN4141-02

WOOD-EDGE STEEL DOORS**APPROVED ARRANGEMENT:**

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



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

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

Design Pressure**+50.5/-50.5**

Limited water unless special threshold design is used.

Large Missile Impact Resistance**Hurricane protective system (shutters) is REQUIRED.**

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:**1/4 GLASS:**

100 Series



133, 135 Series



136 Series



680 Series



822 Series

1/2 GLASS:

105 Series*



106, 160 Series*



129 Series*



200 Series*



12 R/L, 23 R/L, 24 R/L Series*



107 Series*



108 Series



304 Series

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

Entergy
Entry Systems

June 17, 2002

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.



Exclusively from

Masonite
Masonite International Corporation

X

Glazed Inswing Unit

COP-WL-EN4141-02

WOOD-EDGE STEEL DOORS**APPROVED DOOR STYLES:****3/4 GLASS:**

404 Series



410 Series



450 Series

FULL GLASS:

109 Series

114, 120, 122
Series

152 Series



149 Series



300 Series

CERTIFIED TEST REPORTS:

NCTL 210-1897-7, 8, 9

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

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top end rails constructed of 0.032" steel. Bottom end rails constructed of 0.032" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip lite surround.

Frame constructed of wood with an extruded aluminum threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

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

Kurt L Balthaz

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



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

2

Entergy
Entry Systems

June 17, 2002

Our continuing program of product improvement makes specifications, design and product details subject to change without notice.



Exclusively from

Masonite
Masonite International Corporation

Florida Building Code Wind Zone/Design Pressure Help Sheet

4/29/2002

This document is to help Lowe's store associates sell the correct RELIABILT vinyl windows in various wind zones per the new Florida building codes. Please note it is only a guideline. Local authorities have final approval on any building material used in construction.

This document addresses Design Pressure (DP) only. Any structures built in Wind-Borne Debris regions will additionally require proper plywood, storm shutters, etc.

DP Rating & Wind Zone Reference Chart

Replacement Windows

Mean Roof Height $\leq$ 30'
Exposure "B", & Wall Zone "5"

RELIABILT Series	Window DP Rating	Structural Test Pressure(psf)	* Acceptable Wind Zone	**Reqd. Design Wind Pressure(psf)
3200 DH	30	+/- 45.00	130 MPH	+30.4, -40.7
3200 PW	65	+/- 97.50	150 MPH	+40.5, -54.2
3201 DH	35	+/- 52.50	140 MPH	+35.3, -47.2
3201 PW	65	+/- 97.50	150 MPH	+40.5, -54.2
3301 DH	35	+/- 52.50	140 MPH	+35.3, -47.2
3301 PW	45	+/- 67.50	150 MPH	+40.5, -54.2
3500 DH	45	+/- 67.50	150 MPH	+40.5, -54.2
3500 PW	45	+/- 67.50	150 MPH	+40.5, -54.2
123/124 2SL	25	+/- 37.50	120 MPH	+25.9, -34.7
800 CSMT PW	60	+/- 90.00	150 MPH	+40.5, -54.2
800 CSMT 1LT	40	+/- 60.00	150 MPH	+40.5, -54.2
800 CSMT 2LT	35	+/- 52.50	140 MPH	+35.3, -47.2
311/312 VSGD	35	+/- 52.50	140 MPH	+35.3, -47.2

New Construction Windows

Mean Roof Height $\leq$ 30'
Exposure "B", & Wall Zone "5"

RELIABILT Series	Window DP Rating	Structural Test Pressure(psf)	* Acceptable Wind Zone	**Reqd. Design Wind Pressure(psf)
100 SH	25	+/- 37.50	120 MPH	+25.9, -34.7
100 PW	45	+/- 67.50	150 MPH	+40.5, -54.2
100 HR	45	+/- 67.50	150 MPH	+40.5, -54.2
X 200 SHHP	50	+/- 75.00	150 MPH	+40.5, -54.2
X 200 SH	35	+/- 52.50	140 MPH	+35.3, -47.2
200 PW	45	+/- 67.50	150 MPH	+40.5, -54.2
200 HR	45	+/- 67.50	150 MPH	+40.5, -54.2
201 2SL	15	+/- 22.50	90 MPH	+14.6, -19.5
500 DH	50	+/- 75.00	150 MPH	+40.5, -54.2
500 PW	45	+/- 67.50	150 MPH	+40.5, -54.2
500 HR	45	+/- 67.50	150 MPH	+40.5, -54.2
501 2SL	20	+/- 30.00	110 MPH	+21.8, -29.1
850 CSMT PW	60	+/- 90.00	150 MPH	+40.5, -54.2
850 CSMT 1LT	40	+/- 60.00	150 MPH	+40.5, -54.2
850 CSMT 2LT	35	+/- 52.50	140 MPH	+35.3, -47.2
311/312 VSGD	35	+/- 52.50	140 MPH	+35.3, -47.2

* The following page will help determine in which wind zone your store is located. Keep in mind that the window being sold may be installed in a different wind zone.

** Values from Table 1606.2B, pg. 16.11, Florida Building Code 2001

COLUMBIA COUNTY OFFICE 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 17-4S-16-03051-114

Building permit No. 000022407

Use Classification SFD & UTILITY

Fire: .00

Permit Holder CURTIS JONES/OWNER

Waste: .00

Owner of Building CURTIS & LYNETTE JONES

Total: .00

Location: 559 SW LYNETTE JONES, LAKE CITY (SOUTH POINT L-14)

Date: 9-29-05

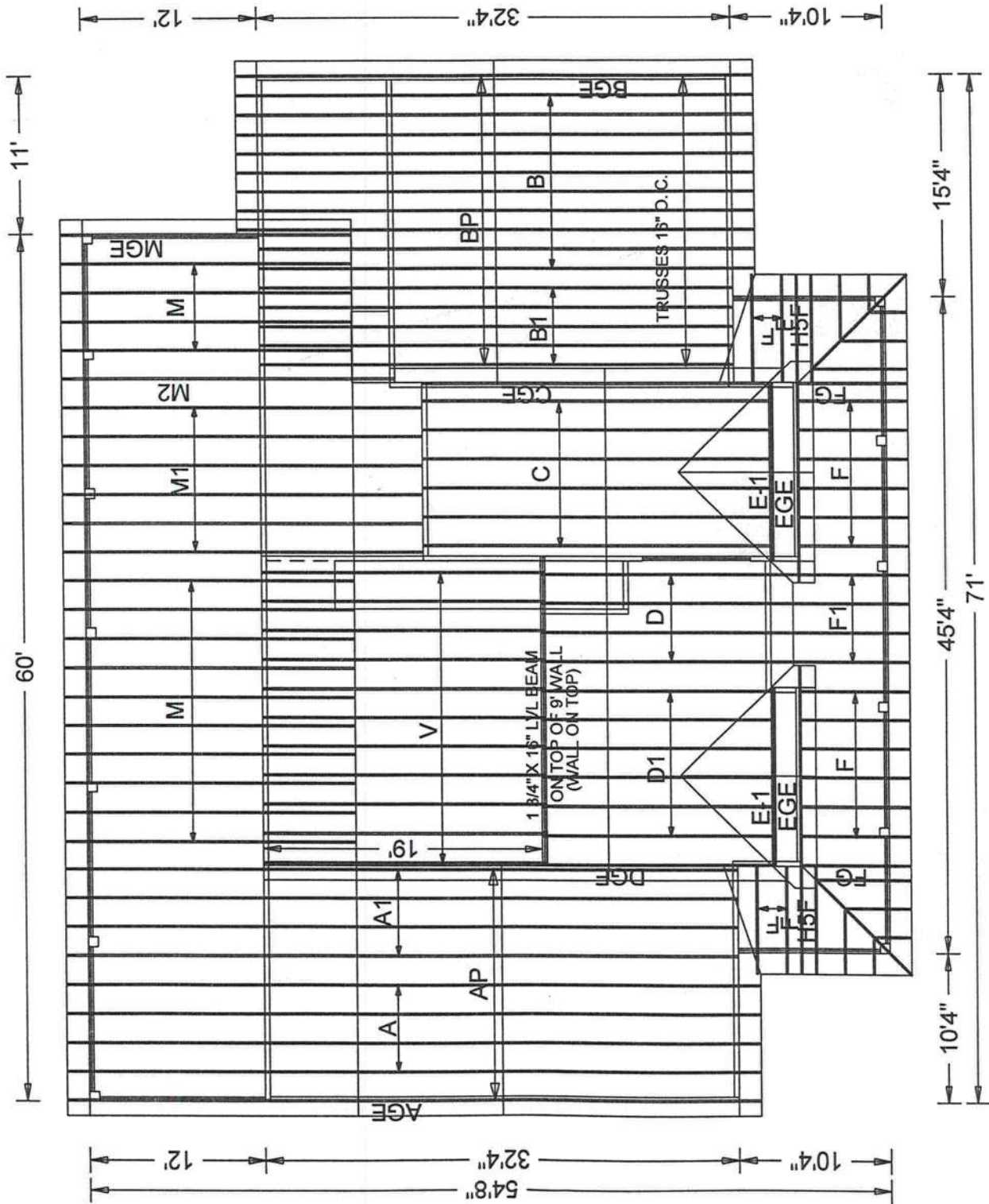
Shirley Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

Roof Plane Sheathing Area = 4678 sq. ft



- 22407 -

JOB LOCATION:

JOB DESCRIPTION:

LYN JONES

DESIGNED BY:

JOB NO:
390

PAGE NO:
1 OF 1

LYN JONES

LYN JONES - FLOOR

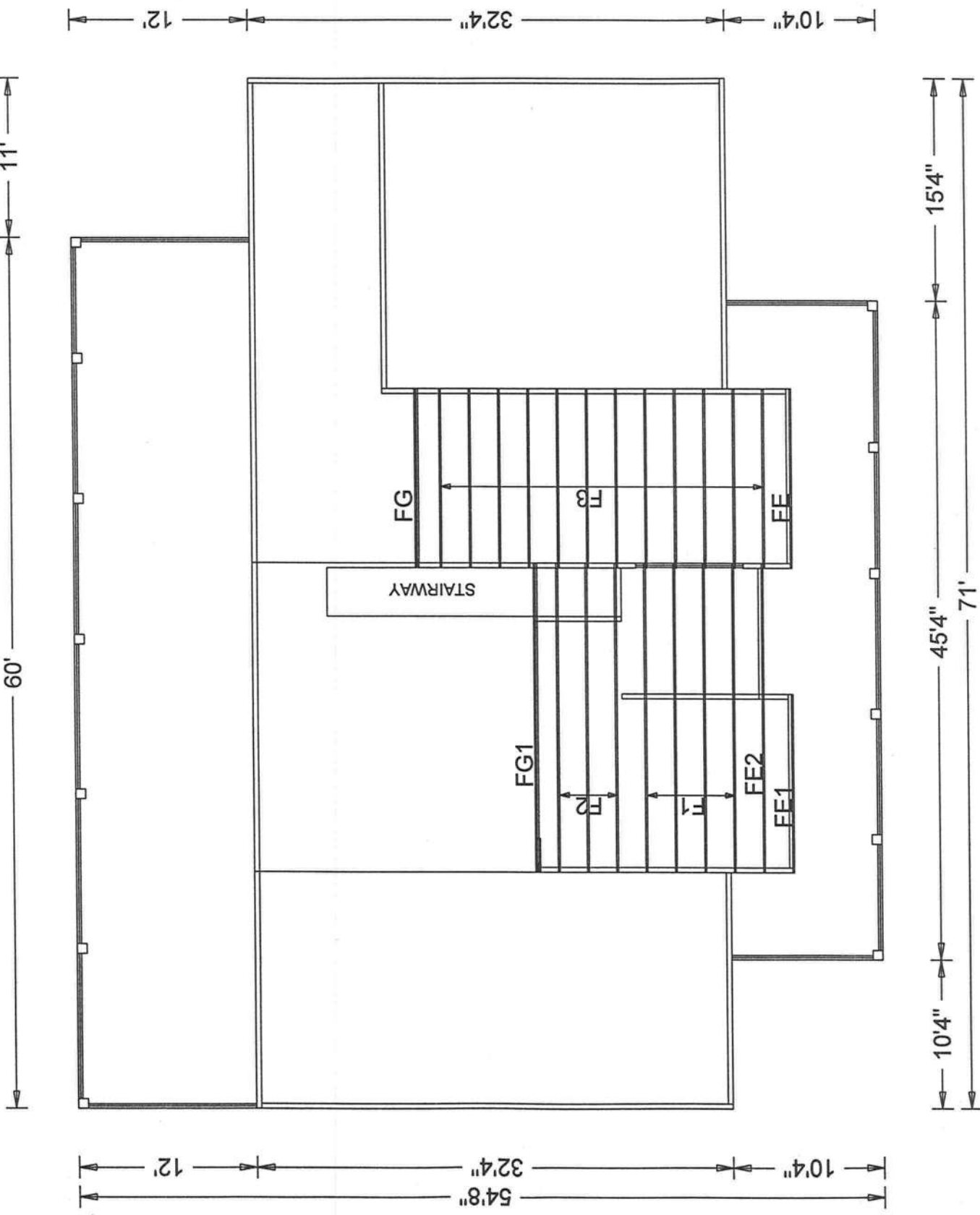
PAGE NO:
1 OF 1

JOB NO:
390A

DESIGNED BY:

JOB DESCRIPTION:
LYN JONES - FLOOR

JOB LOCATION:



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 567

Page 1 of 1 Document ID:1SHC487-Z0921105732

Truss Fabricator: Anderson Truss Company

Job Identification: 390-LYN JONES (390|-LYN JONES)

Truss Count: 1

Model Code: Florida Building Code 2001

Truss Criteria: ANSI/TPI-1995

Engineering Software: Alpine Software, Version 6.33.0716.23.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE-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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: A11015EC-GBLLETIN

Seal Date: 10/21/2004

-Truss Design Engineer-
Arthur R. Fisher

Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

#	Ref	Description	Drawing#	Date
1	45334	-MGE	04295010	10/21/04



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

SPECIAL LOADS

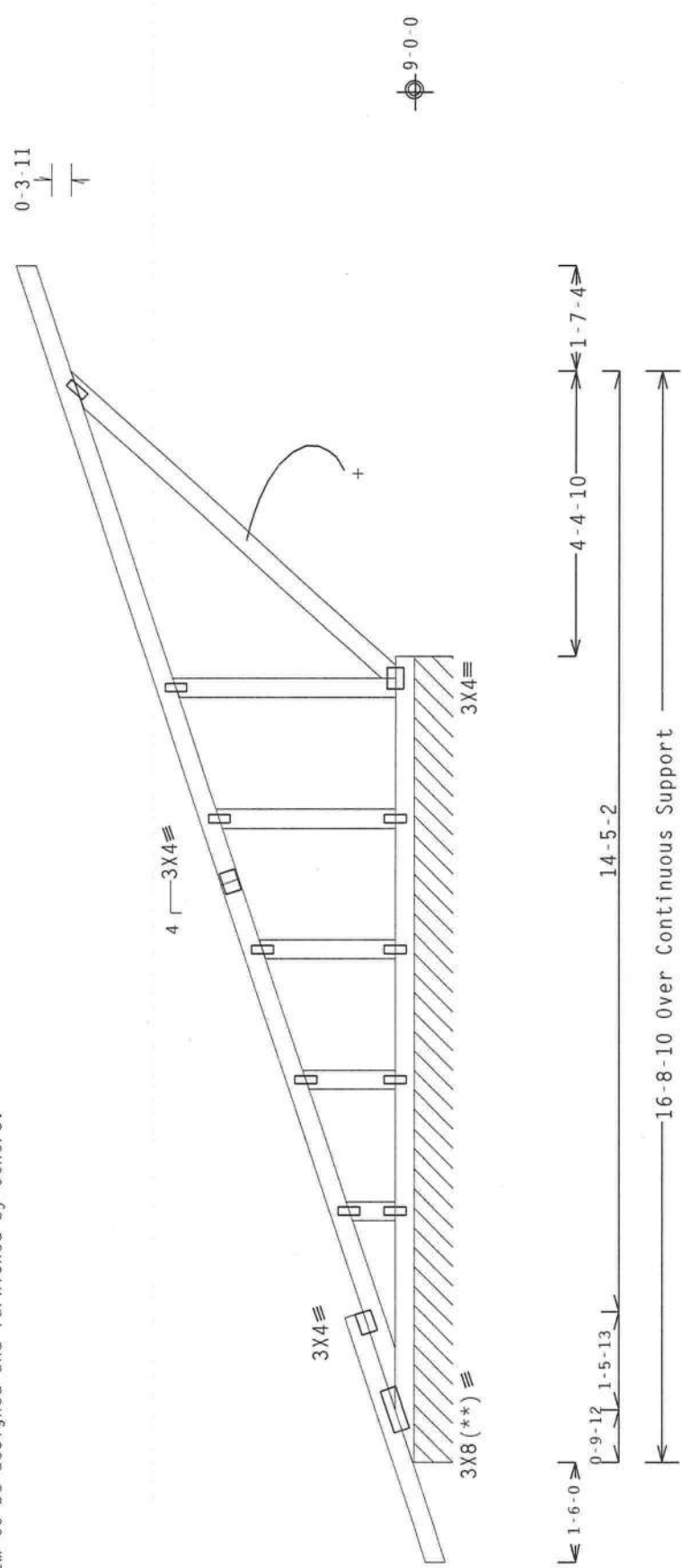
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.50 to 60 PLF at -0.97
TC - From 82 PLF at -0.97 to 82 PLF at 18.32
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 12.33

+ Member to be laterally braced for horizontal wind loads.
Bracing system to be designed and furnished by others.

110 mph wind, 11.98 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC
DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.33

FL/-4/-1-/R/-

Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REPLY TO ALL INQUIRIES REGARDING TRUSS SAFETY AND INSTALLATION TO: ALPINE ENGINEERED PRODUCTS, INC., 1950 MARLEY DRIVE, SUITE 200, MADISON, WI 53719. AND WCA (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 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/PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/160A (M-H/S/K) ASH A653 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENTS 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.

REF	R487--	45334
DATE	10/21/04	
DRW	HCUSR487	04295010
HC-ENG	TCE/AF	
SEQN	105223	
DUR.FAC.	1.25	
SPACING	SEE ABOVE	
JREF	1SHC487_Z09	

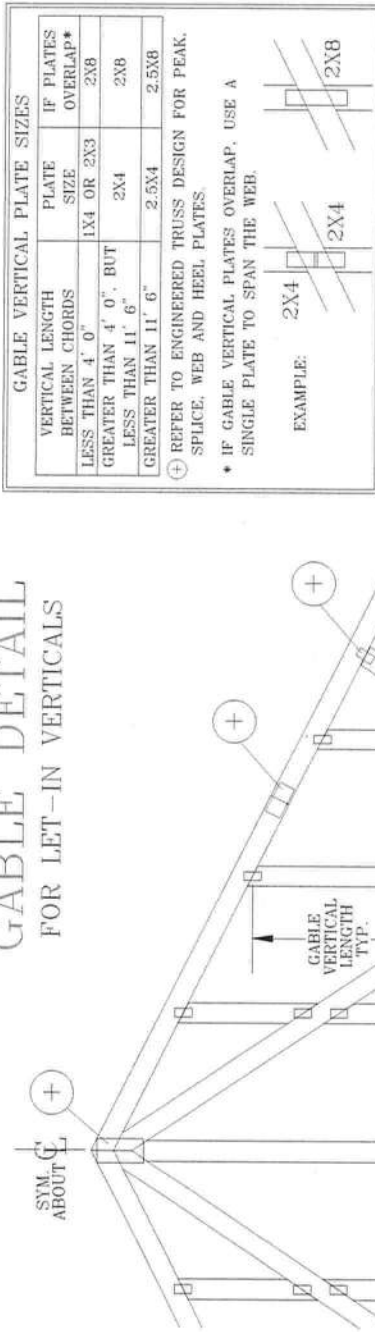
ALPINE

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

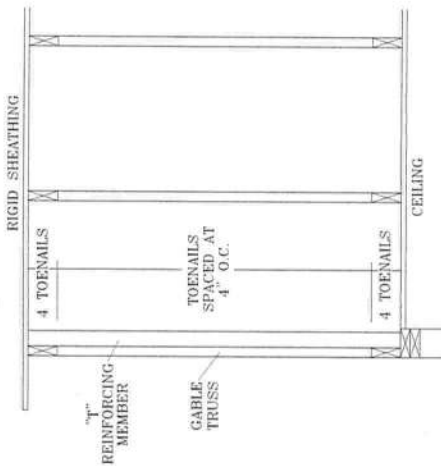
FL Certificate of Authorization # 567

ARTHUR R. FISHER
CERTIFICATE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
OCT 21 '04

GABLE DETAIL FOR LET-IN VERTICALS



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN
ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP
AND BOTTOM CHORD.
GUN DRIVEN NAILS - 0.131" X 3".
TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.
THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE
OR SBCCI WIND LOAD.

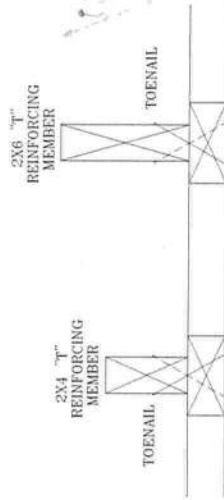


SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH

*WARNING... TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING TO PREVENT BUILDING COMPONENT SAFETY PROBLEMS. PUBLISHED BY TPI (TRUSS PLATE) INSTITUTE, 98 MIDCROFT DRIVE, SUITE 371-79, FARMINGTON, CT 06030. FOR INFORMATION, CONTACT ENTERPRISE INC., HARTFORD, CT 06105, OR 603-271-9279. FOR SAFETY INFORMATION, SEE THE FOLLOWING WEBSITE: WWW.TPI-TRUSS.COM. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED GIRD OR I BEAM.

••INVESTMENT•• FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THIS DESIGN. THIS DESIGN SHALL BE USED TO BUILD THE TRUSSES IN CONFORMANCE WITH THE FABRICATING, HANDLING, SHIPPING, INSTALLATION, BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPECIFICATION FOR STEEL BUILDINGS. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC ASD GRADE 50, BY AISC AND TPI. ALPINE CONNECTIONS ARE MADE OF 2008/16GA A/H/4/3/5/6 ASTM A572 GRADE 50. 40/60 A/H/4/3/5/6 GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED IN THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PROFESSIONAL AS SUPERVISOR 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE DESIGN BY THE ENGINEER. THE ENGINEER'S DESIGN SHALL BE THE BASIS FOR THE BUILDING'S SUITABILITY AND USE OF THIS CONCEPT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1. SEC. 2.

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA



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

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MRH	"T" REINF. MR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

EXAMPLE 5:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT
ACEE WIND SPEED = 100 MPH

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

 ${}^{\text{a}}\text{T}$ BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

$$1.10 \times 6^* 7'' = 7' 3''$$

REF LET-IN VERT

DATE 01/16/04

DRWG GBLLETIN1103

-ENG: DIJ/KAR

MAX TOT. LD. 60 PSF

DUR. FAC. ANY

MAX SPACING 24.0"

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SHC487-20721114547

Truss Fabricator: Anderson Truss Company
Job Identification: 390A-LYN JONES - FLOOR (390A|-LYN JONES - FLOOR)
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Version 7.10.0729.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - N/A
Floor - 55.0 PSF @ 1.00 Duration
Wind - No Wind

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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

No Standard Details

Seal Date: 10/21/2004

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

#	Ref	Description	Drawing#	Date
1	43548--FG1		04295011	10/21/04



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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_common_nails)

Top Chord: 1 Row @ 12" o.c.

Bot Chord: 1 Row @ 12" o.c.

Webs : 1 Row @ 4" O.C.

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

Deflection meets L/360 live and L/240 total load.

++ Provide connection for 1058# up or down at a 1.00 duration factor at this support.

SPECIAL LOADS

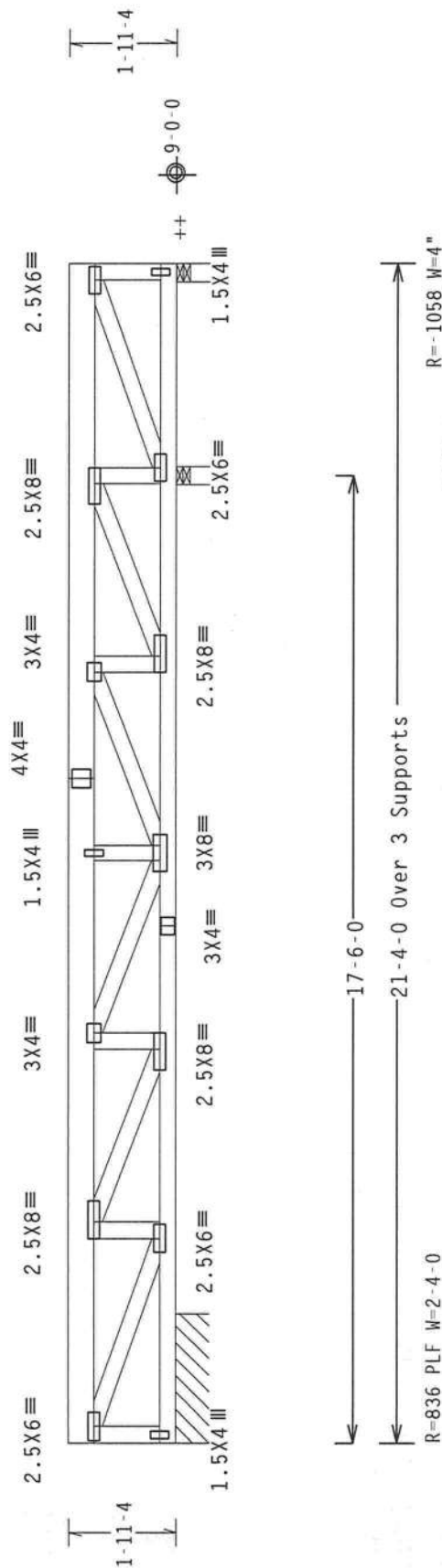
----- (LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)

TC - From	226 PLF at 0.00 to	226 PLF at 17.33
1980-1981	10.00	10.00
1981-1982	10.00	10.00
1982-1983	10.00	10.00
1983-1984	10.00	10.00
1984-1985	10.00	10.00
1985-1986	10.00	10.00
1986-1987	10.00	10.00
1987-1988	10.00	10.00
1988-1989	10.00	10.00
1989-1990	10.00	10.00
1990-1991	10.00	10.00
1991-1992	10.00	10.00
1992-1993	10.00	10.00
1993-1994	10.00	10.00
1994-1995	10.00	10.00
1995-1996	10.00	10.00
1996-1997	10.00	10.00
1997-1998	10.00	10.00
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2003-2004	10.00	10.00
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2005-2006	10.00	10.00
2006-2007	10.00	10.00
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2009-2010	10.00	10.00
2010-2011	10.00	10.00
2011-2012	10.00	10.00
2012-2013	10.00	10.00
2013-2014	10.00	10.00
2014-2015	10.00	10.00
2015-2016	10.00	10.00
2016-2017	10.00	10.00
2017-2018	10.00	10.00
2018-2019	10.00	10.00
2019-2020	10.00	10.00
2020-2021	10.00	10.00
2021-2022	10.00	10.00
2022-2023	10.00	10.00
2023-2024	10.00	10.00
2024-2025	10.00	10.00
2025-2026	10.00	10.00
2026-2027	10.00	10.00
2027-2028	10.00	10.00
2028-2029	10.00	10.00
2029-2030	10.00	10.00
2030-2031	10.00	10.00
2031-2032	10.00	10.00
2032-2033	10.00	10.00
2033-2034	10.00	10.00
2034-2035	10.00	10.00
2035-2036	10.00	10.00
2036-2037	10.00	10.00
2037-2038	10.00	10.00
2038-2039	10.00	10.00
2039-2040	10.00	10.00
2040-2041	10.00	10.00
2041-2042	10.00	10.00
2042-2043	10.00	10.00
2043-2044	10.00	10.00
2044-2045	10.00	10.00
2045-2046	10.00	10.00
2046-2047	10.00	10.00
2047-2048	10.00	10.00
2048-2049	10.00	10.00
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2050-2051	10.00	10.00
2051-2052	10.00	10.00
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2067-2068	10.00	10.00
2068-2069	10.00	10.00
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2070-2071	10.00	10.00
2071-2072	10.00	10.00
2072-2073	10.00	10.00
2073-2074	10.00	10.00
2074-2075	10.00	10.00
2075-2076	10.00	10.00
2076-2077	10.00	10.00
2077-2078	10.00	10.00
2078-2079	10.00	10.00
2079-2080	10.00	10.00
2080-2081	10.00	10.

TC - From	100 PLF at 17.33 to	100 PLF at 21.33
TC - From	100 PLF at 17.33 to	100 PLF at 21.33

BC - From	10 PLF at 0.00 to	10 PLF at 21.33
BC - From	10 PLF at 0.00 to	10 PLF at 21.33

Truss must be installed as shown with top chord up.



R-836 PLF W=2-4-0

21-4-0 Over 3 Supports

 $R = -1058 \text{ W} = 4''$

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.10.08 29.2.2014

Scale = .3125"/Ft.

TC LL	40.0 PSF	REF R487 - - 43548
TC DL	10.0 PSF	DATE 10/21/04
BC DL	5.0 PSF	DRW HCUSR487 04295011
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	55.0 PSF	SEQN - 40600 RE
DUR.FAC.	1.00	
SPACING	SEE ABOVE	JREF - 1SHC487 Z07

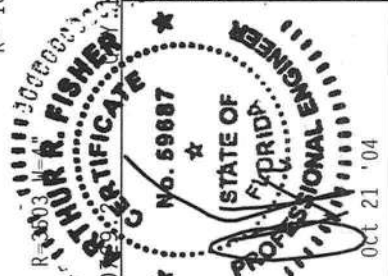


Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSP 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS COMPANY INSTITUTE, 583 WEST 10TH AVENUE, SUITE 100, DENVER, COLORADO 80202, FOR ADDITIONAL INFORMATION. TRUSSES ARE DESIGNED TO BE ERECTED BY AMPS, A GRADING, ERECTION & MAINTENANCE COMPANY, 10000 W. 10TH AVENUE, SUITE 100, DENVER, COLORADO 80231. FOR MORE INFORMATION, CALL 1-800-368-7463. IN WISCONSIN, CALL 527-2190. FOR SAFETY PRACTICES FOR PERFORMING THESE CONNECTIONS, SEE THE TRUSS COMPANY INSTITUTE TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

PRODUCTS, INC. FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS
THE TRUSS IN CONFORMANCE WITH THE OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH THE TABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TRUSS-
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 A OF TP11-2002 SEC-3. A SEAL ON THE
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGNED. THE USE OF THIS CONFORM FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANNEX (1) SEC-2.



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SHC487-Z0821105705

Truss Fabricator: Anderson Truss Company
Job Identification: 390-LYN JONES (390|-LYN JONES)
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995
Engineering Software: Alpine Software, Version 6.33.0716.23.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB

Seal Date: 10/21/2004

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

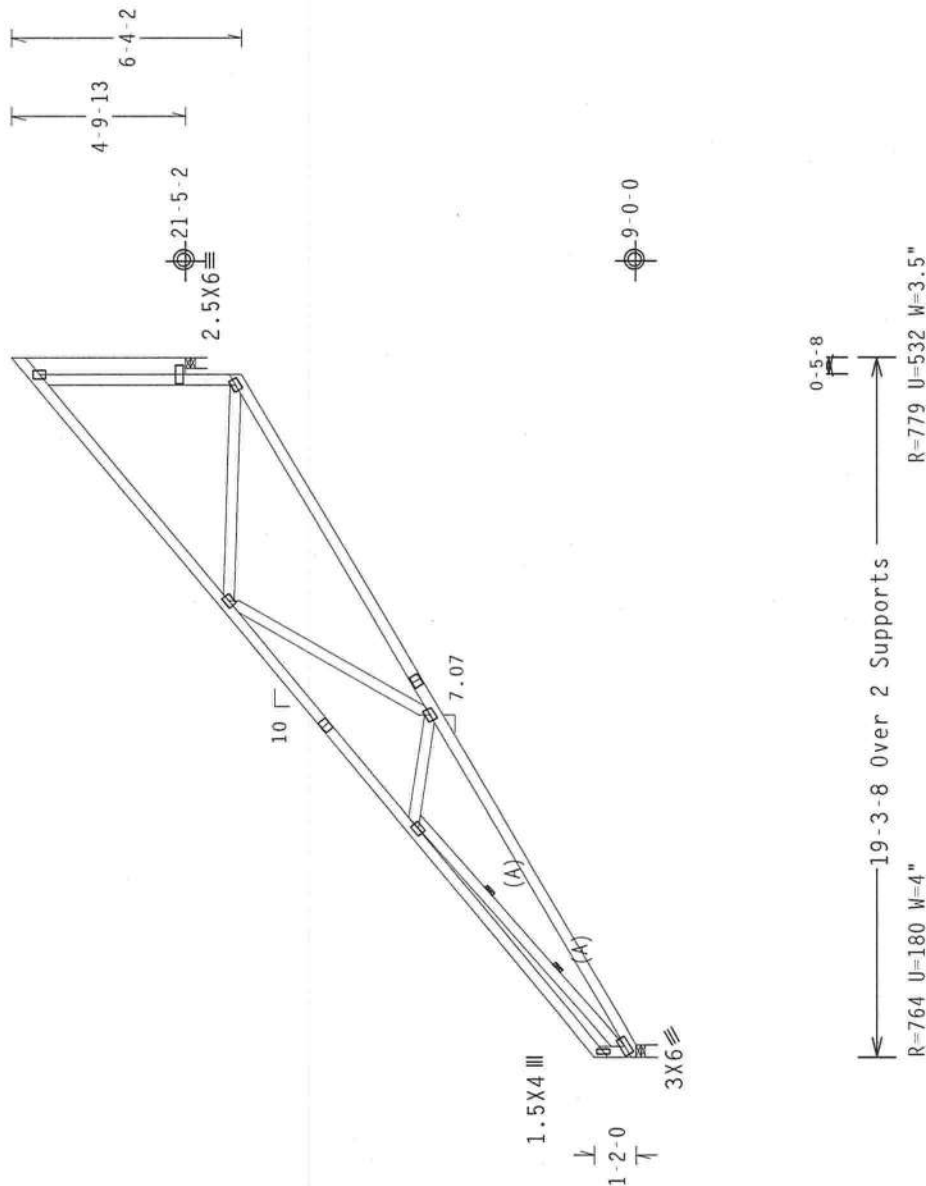
#	Ref	Description	Drawing#	Date
1	43738--V		04295009	10/21/04



1110 mph wind, 18.20 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/360 live and L/240 total load.

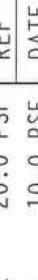


Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .1875"/Ft.



Alpine Engineered Products, Inc.
 1950 Manley Drive
 Gaines 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-ONEFOLD DR., SUITE 200, MOONSON, MI 55075) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 ENTERPRISE LN., HADSDON, MI 53129) 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 BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY ASCE) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (W/5/5/1) ASH OR GRADE 40/60/50 (W/ 6/4/3) GALV. STEEL. APPLY A MINIMUM OF TWO (2) LAPS PER JOINT. ALL TRUSSES SHALL BE PROTECTED AS OF 10/1/2009 SEC. 501.1. SEE PLAN FOR DETAILS. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY 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	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCBLSUB1103
BC LL	PSF	- ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SHC487-Z0620154001

Truss Fabricator: Anderson Truss Company
Job Identification: 390-LYN JONES (390|-LYN JONES)
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995
Engineering Software: Alpine Software, Version 6.33.0716.23.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

No Standard Details

#	Ref	Description	Drawing#	Date
1	43263--M		04294080	10/20/04

Seal Date: 10/20/2004

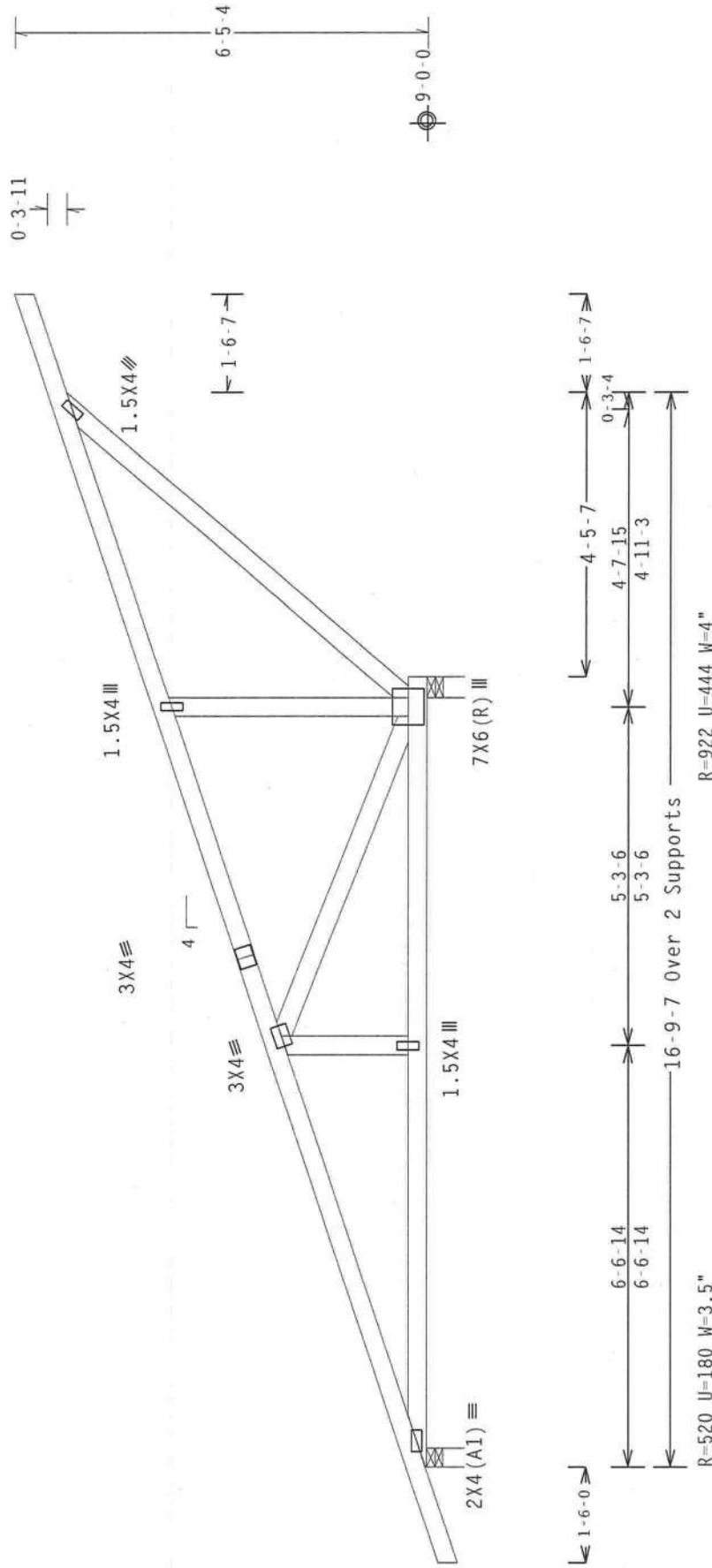
-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844



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

110 mph wind, 12.13 ft mean hgt., ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.335076-23416 FL/-/3/-/-/R/-

Scale = .375" / Ft.

[illegible]

TC LL	20.0 PSF	REF	R487 - - 43263
TC DL	10.0 PSF	DATE	10/20/04

ALPINE
Alpine Engineered Products, Inc.

****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 TP1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & RAPACING OF THUSSES AND/OR CONNECTOR PLATES MADE OF 2010 TENSILE STRENGTH ASTM SPEC GRADE 40/60 / F 1553 GALV. STEEL APPLIED TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION THE DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX AS OF TP1-2009 SEC.3. SHOW THE PRESENTMENT OF THE DESIGN SHOWN THE SUITABILITY AND USE OF THIS COMPONENT FOR BUILDING TO THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX/TP1 1 SEC.-2.

Haines City, FL 33844
FL Certificate of Authorization # 567

SPACING 24.0"

JREF- 1SHC487 Z06

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SHC487-Z0421105650

Truss Fabricator: Anderson Truss Company
Job Identification: 390-LYN JONES (390|-LYN JONES)
Truss Count: 1
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software,Version 6.33.0716.23.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

No Standard Details

Seal Date: 10/21/2004

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

#	Ref	Description	Drawing#	Date
1	43260--FG		04295008	10/21/04



(390-LYN JONES - FG)

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

SPECIAL LOADS

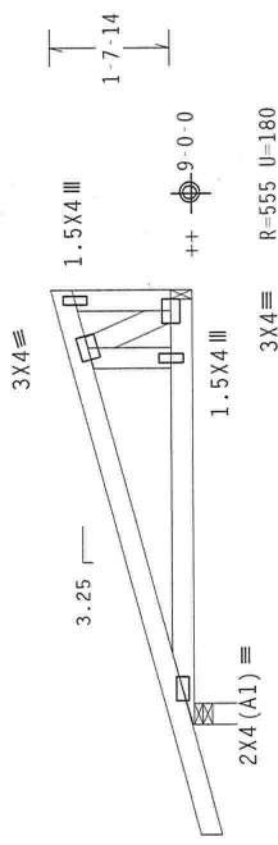
----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at -1.50 to 60 PLF at 6.00
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 6.29
BC - *379 LB Conc. Load at 5.06

* Provide connection for concentrated load(s) shown.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

++ Anchorage req'd to prevent truss from slipping off bearing.



1-6-0 0-1-8

6-0-0 Over 2 Supports
R=400 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.33

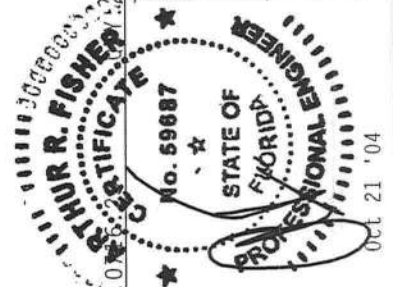
FL/-/4/-/-R/-

Scale = .375"/ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND WCA (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 FOLLOW THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, OR INSTALLING OF TRUSSES. DESIGN CONFORMS WITH THE FOLLOWING SPECIFICATIONS: DESIGN SPEC. IN AEP03 AND TPI. ALPINE APPLIES 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.2. 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.

REF	R487--	43260
DATE	10/21/04	
DRW	HCUSR487	04295008
HC-ENG	TCE/AF	
SEQN	105184	
DUR.FAC.	1.25	
SPACING	24.0"	



ALPINE

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

ET Certificate of Authorization # 567

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SHC487-Z0321105632

Truss Fabricator: Anderson Truss Company
Job Identification: 390-LYN JONES (390|-LYN JONES)
Truss Count: 2
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Version 6.33.0716.23.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

No Standard Details

#	Ref	Description	Drawing#	Date
1	43258--F		04295006	10/21/04
2	43259--F1		04295007	10/21/04

Seal Date: 10/21/2004

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

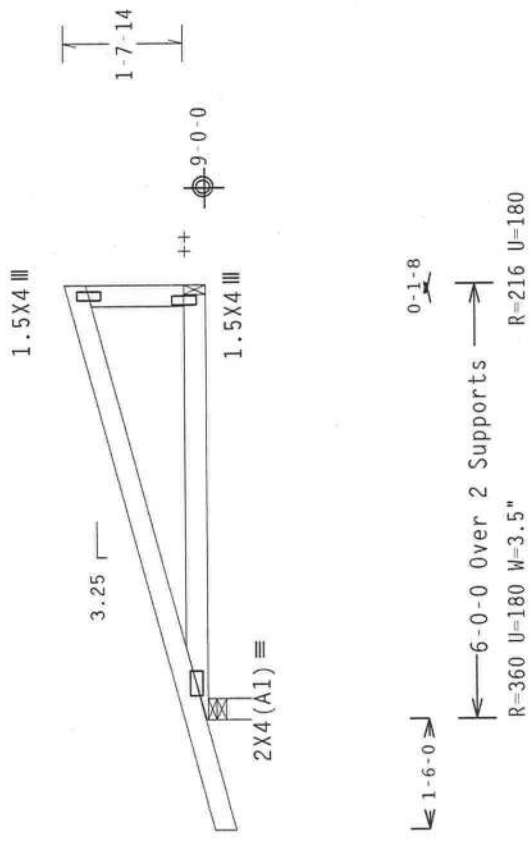


Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
	Wbs	2x4	SP	#3

110 mph wind, 9.93 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.

++ Anchorage req'd to prevent truss from slipping off bearing.



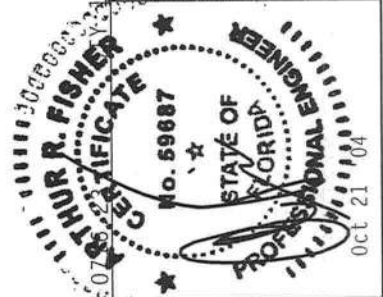
PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

6.3

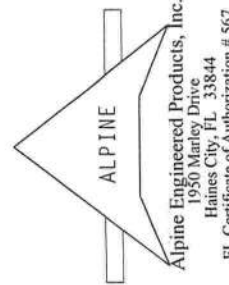
Scale = .375"/Ft.

3	TC LL	20.0	PSF	REF	R487 - -	43258
3	TC DL	10.0	PSF	DATE	10/21/04	
3	BC DL	10.0	PSF	DRW	HCUSR487	04295006
3	BC LL	0.0	PSF	HC-ENG	TCE/AF	*
	TOT.LD.	40.0	PSF	SEQN-	105232	
	DUR.FAC.	1.25				
	SPACING	24.0"		JREF-	1SHC487_Z03	



0ct 21 04

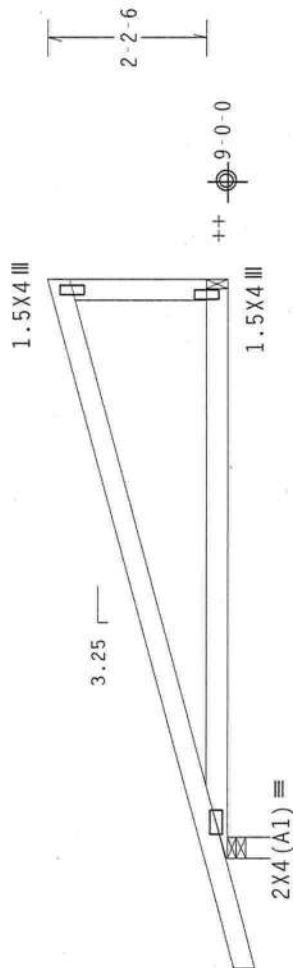
*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 (TPOUSS PLATE INSTITUTE, 583 D'ORFÈRE DR., SUITE 200, MADISON, WI 53719), AND MFCU (MADISON TRUSS COUNCIL OF AMERICA, 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 TIGHT CEILING.

[illegible]

1110 mph wind, 10.20 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

++ Anchorage req'd to prevent truss from slipping off bearing.



0-1-8

← 8'-0" Over 2 Supports →
R=435 U=191 W=3.5"
R=301 U=180

Design Crit: TPI-1995(STD)/FBC

Design Crit: TPI-1995(STD)/FBC 6.

*WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. ALL BESS 1'S (LOADING INFORMATION), WORK SHEET #1 (PRESS PLATE INSTRUCTIONS) SHALL BE OBTAINED FROM THE MANUFACTURER (BESS 1997) PRIOR TO FABRICATING OR ERECTING. MADISON, WI 53709 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.

ALPTNF

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

FL Certificate of Authorization # 567

*****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. DESIGN COMPLIANCE WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AIA/SEA) AND TP1. ALPINE TRUSS COMPANY SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE TRUSS COMPONENTS. PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS F00A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AIA 3 OF TP1-2009 SEC.2-2. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN AND USE OF THIS COMPLIANT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. SEE DRAWING F00A-2 FOR TRUSS DESIGN. SEE DRAWING F00A-2 FOR TRUSS DESIGN.

Oct 21 '04

FL/-/4/-/-R/-	Scale = .375"/Ft.
TC LL 20.0 PSF	REF R487 - - 43259
TC DL 10.0 PSF	DATE 10/21/04
BC DL 10.0 PSF	DRW HCUR487 04295007
BC LL 0.0 PSF	HC-ENG TCE/AF *
TOT.LD. 40.0 PSF	SEQN - 105180
DUR.FAC. 1.25	
SPACING 24.0"	JREF - 1SHC487 Z03

Scale = 375"/Ft.

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 567

Page 1 of 1 Document ID: 1SHC487-Z0221105613

Truss Fabricator: Anderson Truss Company
Job Identification: 390-LYN JONES (390|-LYN JONES)

Truss Count: 3

Model Code: Florida Building Code 2001

Truss Criteria: ANSI/TPI-1995

Engineering Software: Alpine Software, Version 6.33.0716.23.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: A11030EC-GBLLETIN

Seal Date: 10/21/2004

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

#	Ref	Description	Drawing#	Date
1	43226--D1		04295003	10/21/04
2	43227--D		04295004	10/21/04
3	43228--DGE		04295005	10/21/04



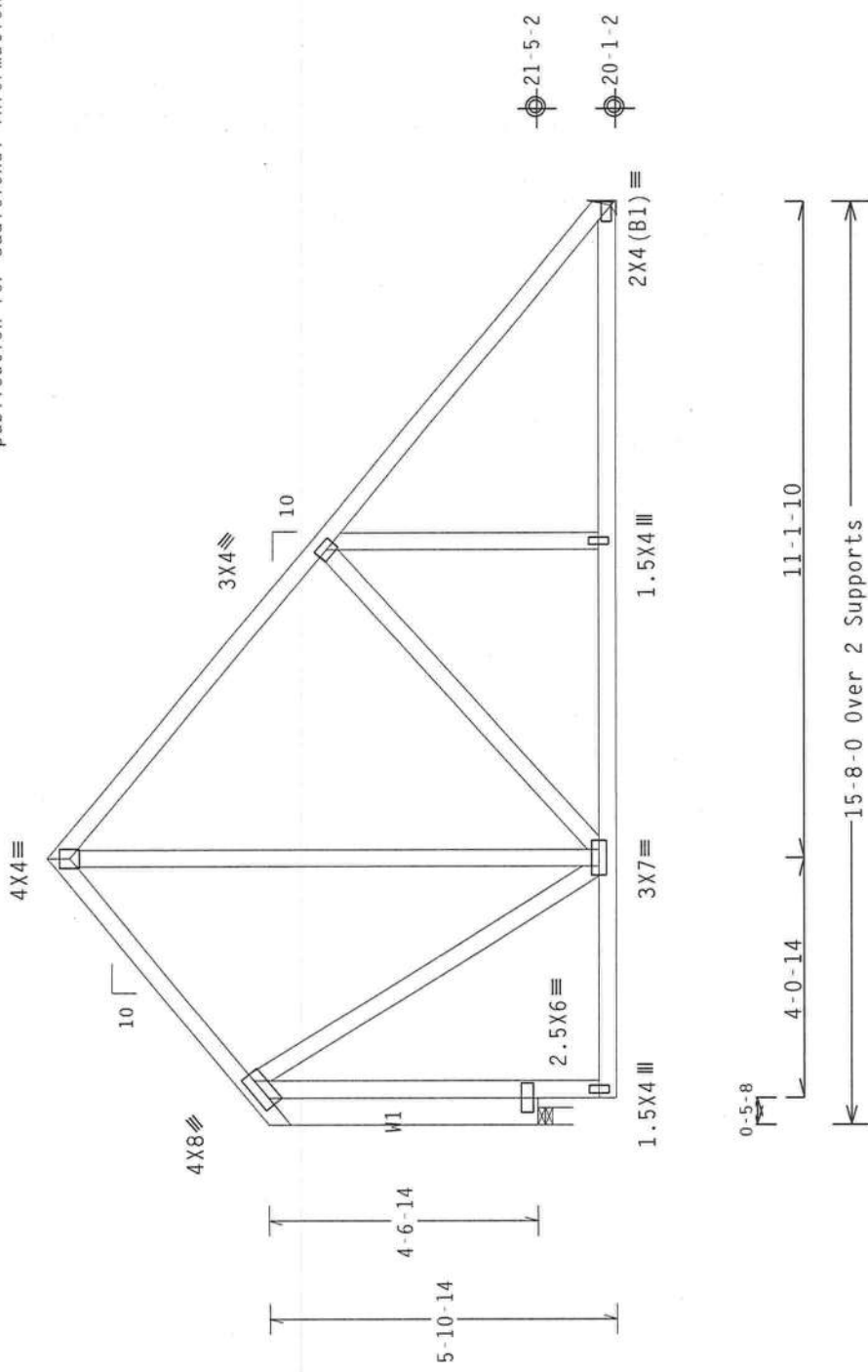
(390-LYN JONES - D1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:
:Lt Bearing Leg 2x6 SP #2:

110 mph wind, 25.13 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Deflection meets L/360 live and L/240 total load.



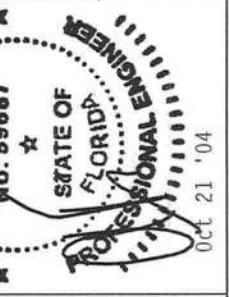
R=624 U=214 W=3.5"

R=629 U=180 H=Simpson LU26
w/ 4x4 10x10 1/2x1/2 1/8"x1.5" nails in Truss
w/ 6x6 10x10 1/2x1/2 1/8"x3.0" nails in Girder
w/ 4x4 10x10 1/2x1/2 1/8"x3.0" nails in So. Pine

PLT TYP. Wave TPI		Design Crit: TPI-1995 (STD)/FBC		Scale = .3125"/Ft.	
ALPINE		TC LL	20.0 PSF	REF	R487 -- 43226
ALPINE		TC DL	10.0 PSF	DATE	10/21/04
ALPINE		BC DL	10.0 PSF	DRW	HCUSR487 04295003
ALPINE		BC LL	0.0 PSF	HC-ENG	TCE/AF
ALPINE		TOT.LD.	40.0 PSF	SEQN	99708
ALPINE		DUR.FAC.	1.25		
ALPINE		SPACING	24.0"	JREF	1SHC487_Z02

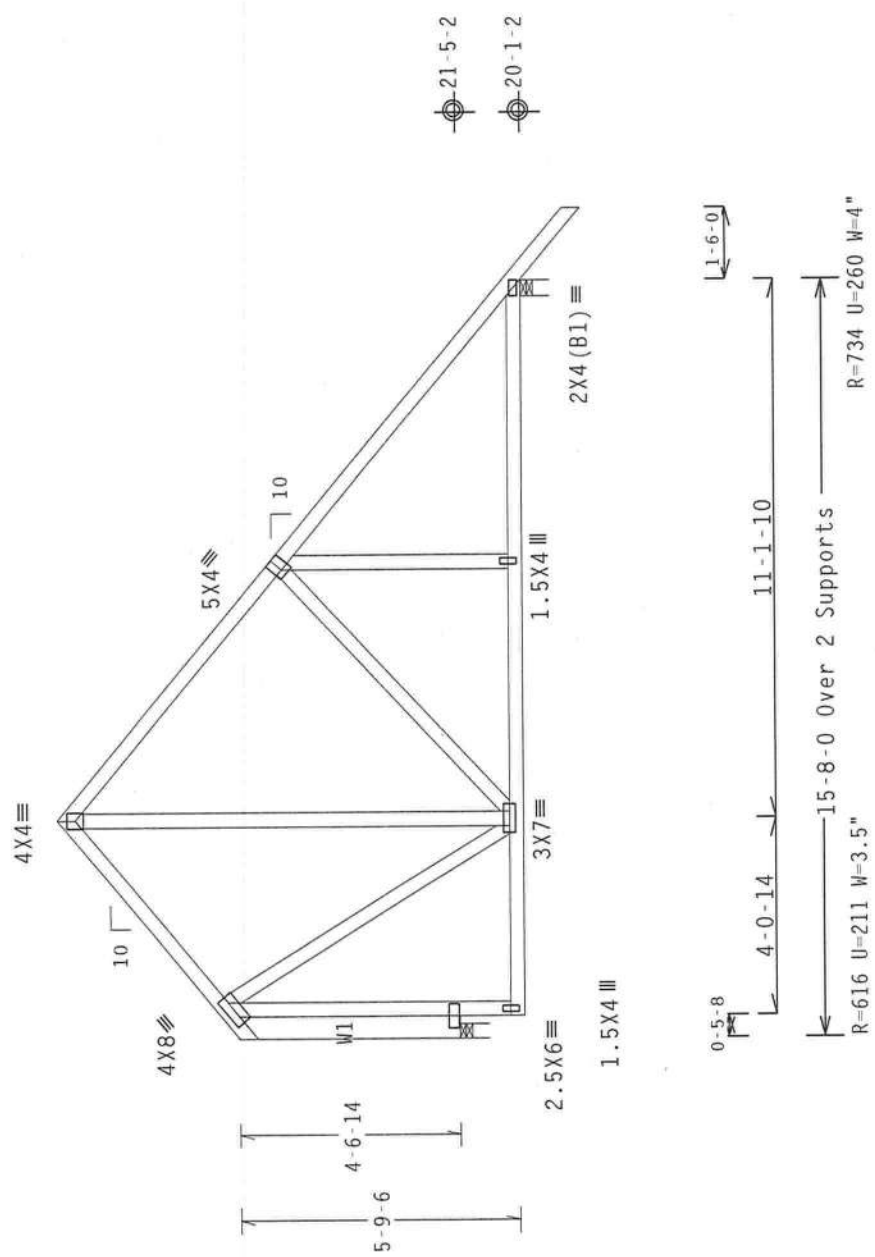
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 563 DUNDAS DR., SUITE 200, MADISON, WI 53719) AND NFCA (NATIONAL FABRICATING & CONSTRUCTION ASSOCIATION, 1000 N. 10TH AVE., SUITE 100, DENVER, CO 80202) FOR TRUSS CONNECTIONS. TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORDS 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 20/18/16GA (0.01875") ASTM A653 GRADE 40/60 (4, K/B.5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. 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 SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



110 mph wind, 24.51 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Deflection meets L/360 live and L/240 total load.



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .25"/Ft.

TC LL	20.0 PSF	REF R487 - - 43227
TC DL	10.0 PSF	DATE 10/21/04
BC DL	10.0 PSF	DRW HCUR487 04295004
BC LL	0.0 PSF	HC-ENG TCE/AF
TOT.LD.	40.0 PSF	SEQN- 105200
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SHC487_Z02

****WARNING**** TROUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TROUSS PULL INSTITUTE, 583 P O BOX 100, SUITE 200, MADISON, WI 53719) AND MICA (MODERN TROUSS COUNCIL OF AMERICA, 6200 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.
PROGRESSIVE, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN:
THROUS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THROUSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI-
CONNECTOR PLATES ARE MADE OF 2X8/16GA (IN-US/E/C) ASTM A663 GRADE 40/60 (IN, K/P/H-S) GALV. STEEL,
PLATES TO EACH FACE OF THRU'S, AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 10A-2.
ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SHALL BE THE RESPONSIBLE
DESIGN SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS AT THE BUILDING DESIGNER PER ANNU/TPI 1 C. 2.



1950 Marley Drive
Haines City, FL 33844

(390-LYN JONES - DGE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:
:Lt Bearing Leg 2x6 SP #2:

SPECIAL LOADS

----- (LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25)
TC - From 82 PLF at 0.00 to 82 PLF at 15.67
BC - From 20 PLF at 0.00 to 20 PLF at 15.67
4X4

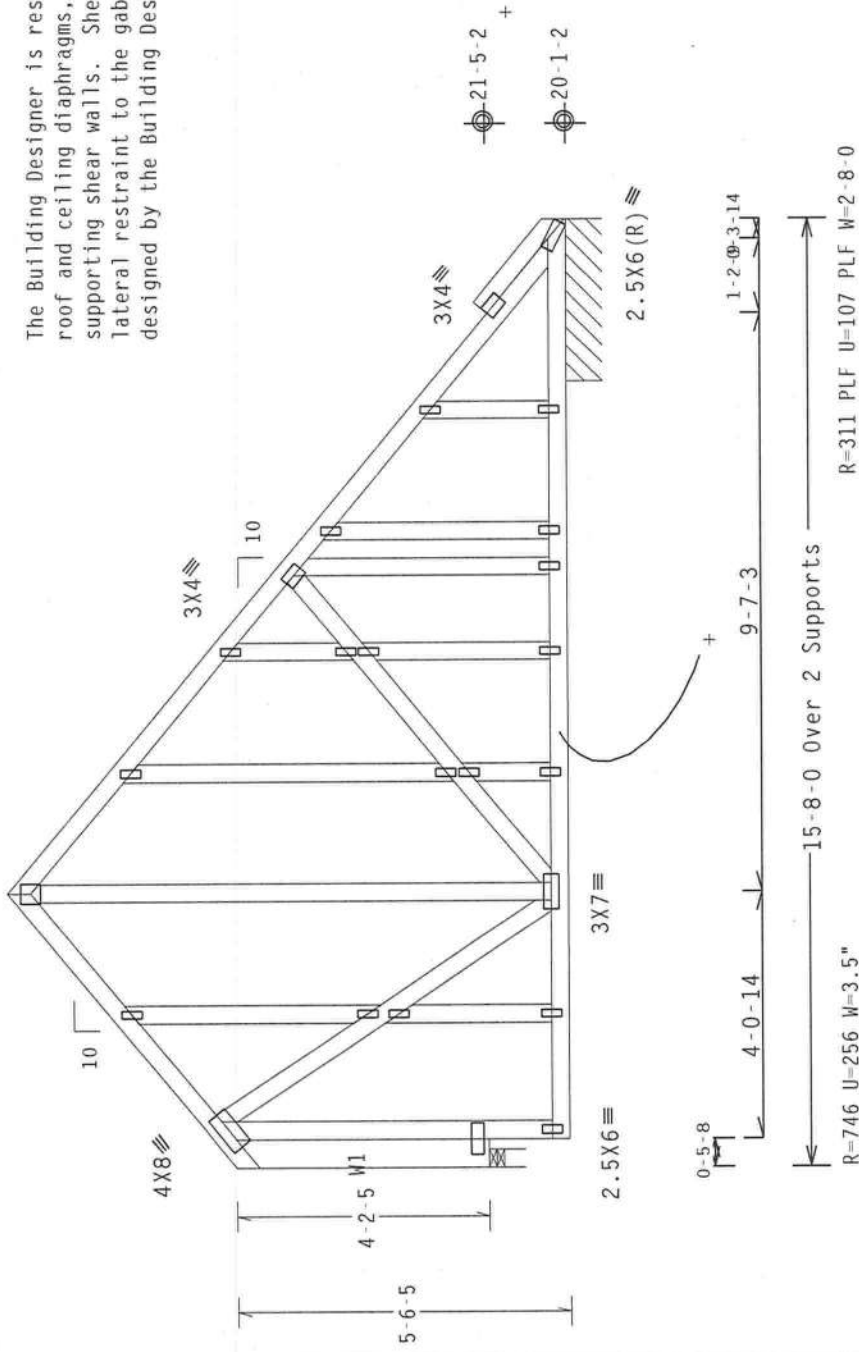
110 mph wind, 24.89 ft mean hgt. ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11030EC1103 & GBLLETIN1103 for more requirements.

Deflection meets L/360 live and L/240 total load.

+ Member to be laterally braced for horizontal wind loads.
Bracing system to be designed and furnished by others.

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



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = .3125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 983 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719, AND MICA (4000 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 ACCEPT RESPONSIBILITY FOR THE DESIGN OF THIS TRUSS. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGNER'S DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NOS (NATIONAL DESIGN SPEC. BY A789) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (44/45/53) ASTM A653 GRADE 40/60 (44, 48/53) 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.

ALPINE

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

PI Certificate of Authorization # 567

CERTIFICATE

H. R. FISHER

No. 69887

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Oct 21 2004

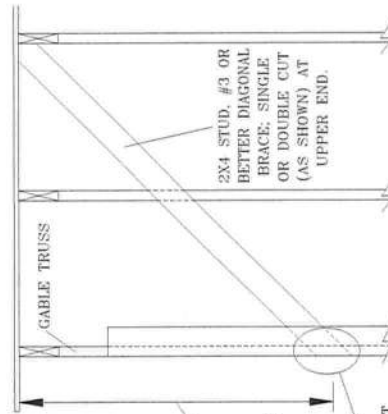
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TC DL	10.0 PSF		DATE 10/21/04
BC DL	10.0 PSF		DRW HCUSR487 04295005
BC LL	0.0 PSF		HC-ENG TCE/AF
TOT.LD.	40.0 PSF		SEQN- 105229
DUR.FAC.	1.25		
SPACING	SEE ABOVE		JREF- 1SHC487_Z02

2X4			BRACE		NO BRACES		(1) 1X4 "L" BRACE *				(1) 2X4 "L" BRACE *				(2) 2X4 "L" BRACE **				(1) 2X6 "L" BRACE *				(2) 2X6 "L" BRACE *	
GABLE VERTICAL		SPACING	SPECIES	GRADE	BRACE	#	GRADE	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B	GROUP A	GROUP B			
12" O.C.	SPF	24" O.C.	HF	STANDARD	#1	3' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"								
	3' 7"					5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	14' 0"	14' 0"										
	3' 7"					5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	8' 11"	11' 1"	14' 0"	14' 0"										
	3' 7"					4' 8"	4' 8"	6' 1"	6' 1"	8' 3"	8' 3"	9' 6"	12' 11"	14' 0"										
12" O.C.	SP	24" O.C.	DFL	#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"									
	3' 11"				6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"										
	3' 9"				5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	14' 0"	14' 0"											
	3' 9"				5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	14' 0"	14' 0"											
12" O.C.	SPF	HF	STANDARD	#1 / #2	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	13' 5"	14' 0"	14' 0"									
	3' 8"				4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	13' 5"	14' 0"	14' 0"										
	3' 8"				4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	13' 5"	14' 0"	14' 0"										
	3' 8"				4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	13' 5"	14' 0"	14' 0"										
12" O.C.	SP	DFL	#3	4' 1"	8' 0"	8' 0"	8' 7"	8' 7"	10' 3"	10' 3"	10' 3"	10' 3"	13' 5"	14' 0"	14' 0"									
	4' 1"			8' 0"	8' 0"	8' 7"	8' 7"	10' 3"	10' 3"	10' 3"	10' 3"	13' 5"	14' 0"	14' 0"										
	4' 1"			8' 0"	8' 0"	8' 7"	8' 7"	10' 3"	10' 3"	10' 3"	10' 3"	13' 5"	14' 0"	14' 0"										
	4' 1"			8' 0"	8' 0"	8' 7"	8' 7"	10' 3"	10' 3"	10' 3"	10' 3"	13' 5"	14' 0"	14' 0"										
12" O.C.	SP	DFL	#1	4' 7"	7' 3"	7' 9"	8' 7"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"									
	4' 7"			7' 3"	7' 9"	8' 7"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"										
	4' 7"			7' 3"	7' 9"	8' 7"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"										
	4' 7"			7' 3"	7' 9"	8' 7"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"										
12" O.C.	SP	DFL	#2	4' 4"	6' 10"	6' 10"	8' 7"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"									
	4' 4"			6' 10"	6' 10"	8' 7"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"										
	4' 4"			6' 10"	6' 10"	8' 7"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"										
	4' 4"			6' 10"	6' 10"	8' 7"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"										
12" O.C.	SPF	HF	STANDARD	#1 / #2	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	14' 0"	14' 0"										
	4' 2"				5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	14' 0"	14' 0"	14' 0"										
	4' 2"				5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"									
	4' 2"				5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"									
12" O.C.	SPF	HF	STANDARD	#3	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"									
	4' 6"				7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"									
	4' 6"				7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"									
	4' 6"				7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"									
12" O.C.	SP	DFL	#1	5' 1"	8' 0"	8' 7"	10' 2"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"									
	5' 1"			8' 0"	8' 7"	10' 2"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"										
	4' 11"			8' 0"	8' 7"	10' 2"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"										
	4' 9"			7' 11"	7' 11"	9' 5"	9' 5"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"										
12" O.C.	SP	DFL	#2	4' 9"	7' 9"	7' 9"	9' 5"	9' 5"	11' 3"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"									
	4' 9"			7' 9"	7' 9"	9' 5"	9' 5"	11' 3"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"										
	4' 9"			7' 9"	7' 9"	9' 5"	9' 5"	11' 3"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"										
	4' 9"			7' 9"	7' 9"	9' 5"	9' 5"	11' 3"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"										
12" O.C.	SPF	HF	STANDARD	#3	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	14' 0"	14' 0"	14' 0"									
	4' 7"				6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"									
	4' 7"				6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"									
	4' 7"				6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"									

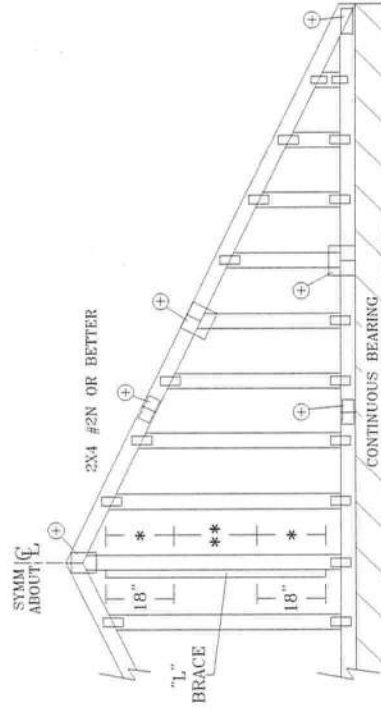
DIAGONAL BRACE OPTION:
VERTICAL LENGTH MAY BE
DOUBLED WHEN DIAGONAL
BRACE IS USED. CONNECT
DIAGONAL BRACE FOR 7000
AT EACH END. MAX WEB
TOTAL LENGTH IS 14.

VERTICAL LENGTH SHOWN
IN TABLE ABOVE.

CONNECT DIAGONAL AT
MIDPOINT OF VERTICAL.



REFER TO CHART ABOVE FOR MAXIMUM VERTICAL LENGTH



GABLE TRUSS DETAIL NOTES:

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

ATTACH EACH "L" BRACE WITH 10d NAILS.
 * FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C.
 IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
 ** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C.
 IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.
 "L" BRACING MUST BE A MINIMUM OF 80% OF WEB
 MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES	
VERTICAL LENGTH	NO SPLICE
LESS THAN 4' 0"	1X4 OR 2X3
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4
GREATER THAN 11' 6"	2.5X4

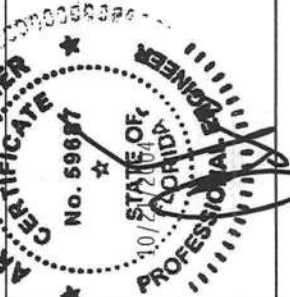
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND PLACING. REFER TO BC31-1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE CROSS LAMINATE INSTITUTE, 983 HUNTERBROOK DRIVE, SUITE 200, HUNTERDON, NJ 07001, FOR SAFETY PRACTICES PRIOR TO PERFORMING THE Erection. IF THE TRUSS IS DAMAGED, THE TRUSS SHALL BE REJECTED. THE TRUSS SHALL BE PROPERLY ATTACHED TO THE JOINTS, PANELS AND BRITTLING CHIEF. SHALL HAVE A PROPERLY ATTACHED BRITTLING CHIEF.

••INDEBTED•• FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. CONTRACTOR SHALL BUILD THE TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION FOR STEEL CONSTRUCTION), PER AISI 360, PER AISI 500, PER AISI 588, PER AISI 590, PER AISI 595, PER AISI 596, PER AISI 597, PER AISI 598, PER AISI 599, PER AISI 600, PER AISI 601, PER AISI 602, PER AISI 603, PER AISI 604, PER AISI 605, PER AISI 606, PER AISI 607, PER AISI 608, PER AISI 609, PER AISI 610, PER AISI 611, PER AISI 612, PER AISI 613, PER AISI 614, PER AISI 615, PER AISI 616, PER AISI 617, PER AISI 618, PER AISI 619, PER AISI 620, PER AISI 621, PER AISI 622, PER AISI 623, PER AISI 624, PER AISI 625, PER AISI 626, PER AISI 627, PER AISI 628, PER AISI 629, PER AISI 630, PER AISI 631, PER AISI 632, PER AISI 633, PER AISI 634, PER AISI 635, PER AISI 636, PER AISI 637, PER AISI 638, PER AISI 639, PER AISI 640, PER AISI 641, PER AISI 642, PER AISI 643, PER AISI 644, PER AISI 645, PER AISI 646, PER AISI 647, PER AISI 648, PER AISI 649, PER AISI 650, PER AISI 651, PER AISI 652, PER AISI 653, PER AISI 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1010, PER AISI 1011, PER AISI 1012, PER AISI 1013, PER AISI 1014, PER AISI 1015, PER AISI 1016, PER AISI 1017, PER AISI 1018, PER AISI 1019, PER AISI 1020, PER AISI 1021, PER AISI 1022, PER AISI 1023, PER AISI 1024, PER AISI 1025, PER AISI 1026, PER AISI 1027, PER AISI 1028, PER AISI 1029, PER AISI 1030, PER AISI 1031, PER AISI 1032, PER AISI 1033, PER AISI 1034, PER AISI 1035, PER AISI 1036, PER AISI 1037, PER AISI 1038, PER AISI 1039, PER AISI 1040, PER AISI 1041, PER AISI 1042, PER AISI 1043, PER AISI 1044, PER AISI 1045, PER AISI 1046, PER AISI 1047, PER AISI 1048, PER AISI 1049, PER AISI 1050, PER AISI 1051, PER AISI 1052, PER AISI 1053, PER AISI 1054, PER AISI 1055, PER AISI 1056, PER AISI 1057, PER AISI 1058, PER AISI 1059, PER AISI 1060, PER AISI 1061, PER AISI 1062, PER AISI 1063, PER AISI 1064, PER AISI 1065, PER AISI 1066, PER AISI 1067, PER AISI 1068, PER AISI 1069, PER AISI 1070, PER AISI 1071, PER AISI 1072, PER AISI 1073, PER AISI 1074, PER AISI 1075, PER AISI 1076, PER AISI 1077, PER AISI 1078, PER AISI



ALPINE ENGINEERED PRODUCTS,
POMPAHO BEACH, FLORIDA

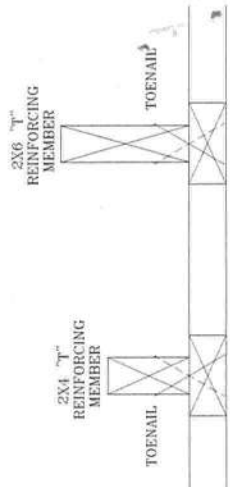
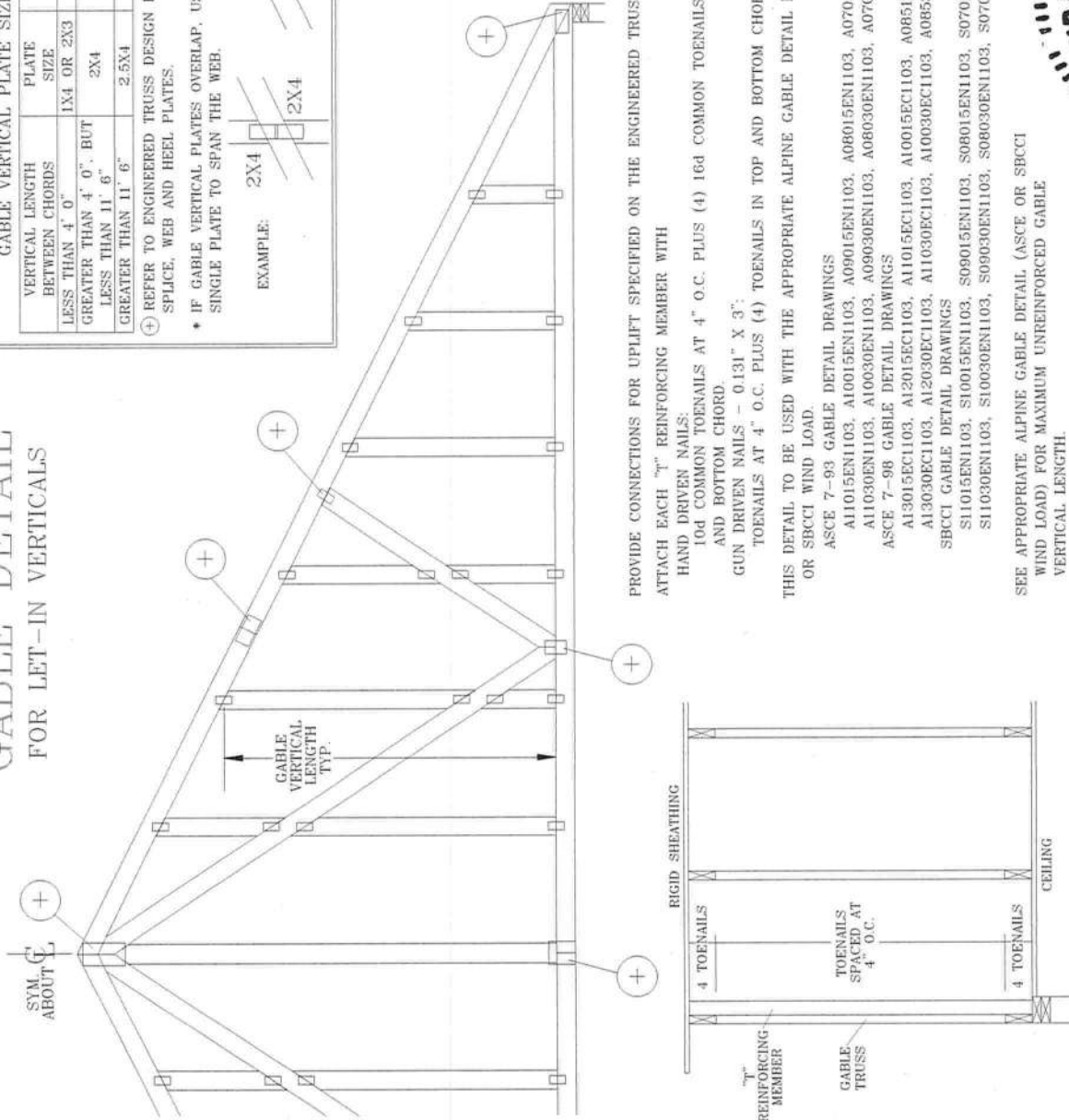


REF	ASCE7-98-GABI1030
DATE	11/26/03
DRWG	A11030EC1103
	-ENG
MAX. TOT. LD. 60 PSF	
MAX. SPACING 24.0"	

GABLE DETAIL FOR LET-IN VERTICALS

GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2XB
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	2XB
GREATER THAN 11' 6"	2 5X4	2 5XB

* REFER TO ENGINEERED TRUSS DESIGN FOR PEAK,
 SPLICE, WEB AND HEEL PLATES.
 * IF GABLE VERTICAL PLATES OVERLAP, USE A
 SINGLE PLATE TO SPAN THE WEB.
 EXAMPLE: 2X4 2XB



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

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

WEB LENGTH INCREASE W/ "T" BRACE

WIND SPEED AND MPH	"T" REINF. MBR. SIZE	SBCCI	ASCE
110 MPH	2x4	10 %	10 %
15 FT	2x6	40 %	50 %
110 MPH	2x4	10 %	10 %
30 FT	2x6	50 %	50 %
100 MPH	2x4	10 %	10 %
15 FT	2x6	30 %	50 %
100 MPH	2x4	10 %	10 %
30 FT	2x6	40 %	40 %
90 MPH	2x4	20 %	10 %
15 FT	2x6	20 %	40 %
90 MPH	2x4	10 %	10 %
30 FT	2x6	30 %	50 %
80 MPH	2x4	10 %	20 %
15 FT	2x6	10 %	30 %
80 MPH	2x4	20 %	10 %
30 FT	2x6	20 %	40 %
70 MPH	2x4	0 %	20 %
15 FT	2x6	0 %	20 %
70 MPH	2x4	10 %	20 %
30 FT	2x6	10 %	30 %

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

PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
 HAND DRIVEN NAILS:
 10d COMMON TOENAILS AT 4" O.C. PLUS (4) 16d COMMON TOENAILS IN TOP
 AND BOTTOM CHORD

GUN DRIVEN NAILS - 0.131" X 3"
 TOENAILS AT 4" O.C. PLUS (4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE
 OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS
 A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
 A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103

ASCE 7-98 GABLE DETAIL DRAWINGS
 A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08015EC1103
 A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08030EC1103

SBCCI GABLE DETAIL DRAWINGS
 S11015EN1103, S10015EN1103, S09015EN1103, S08015EN1103, S07015EN1103
 S11030EN1103, S10030EN1103, S09030EN1103, S08030EN1103, S07030EN1103

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

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
 BRACING. TRUSSES MUST BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH THE REQUIREMENTS OF THE
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 360-10, 360-10.1, 360-10.2, 360-10.3, 360-10.4, 360-10.5, 360-10.6, 360-10.7, 360-10.8, 360-10.9, 360-10.10, 360-10.11, 360-10.12, 360-10.13, 360-10.14, 360-10.15, 360-10.16, 360-10.17, 360-10.18, 360-10.19, 360-10.20, 360-10.21, 360-10.22, 360-10.23, 360-10.24, 360-10.25, 360-10.26, 360-10.27, 360-10.28, 360-10.29, 360-10.30, 360-10.31, 360-10.32, 360-10.33, 360-10.34, 360-10.35, 360-10.36, 360-10.37, 360-10.38, 360-10.39, 360-10.40, 360-10.41, 360-10.42, 360-10.43, 360-10.44, 360-10.45, 360-10.46, 360-10.47, 360-10.48, 360-10.49, 360-10.50, 360-10.51, 360-10.52, 360-10.53, 360-10.54, 360-10.55, 360-10.56, 360-10.57, 360-10.58, 360-10.59, 360-10.60, 360-10.61, 360-10.62, 360-10.63, 360-10.64, 360-10.65, 360-10.66, 360-10.67, 360-10.68, 360-10.69, 360-10.70, 360-10.71, 360-10.72, 360-10.73, 360-10.74, 360-10.75, 360-10.76, 360-10.77, 360-10.78, 360-10.79, 360-10.80, 360-10.81, 360-10.82, 360-10.83, 360-10.84, 360-10.85, 360-10.86, 360-10.87, 360-10.88, 360-10.89, 360-10.90, 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Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SHC487-Z0121094331

Truss Fabricator: Anderson Truss Company
Job Identification: 390-LYN JONES (390|-LYN JONES)
Truss Count: 2
Model Code: Florida Building Code 2001
Truss Criteria: ANSI/TPI-1995
Engineering Software: Alpine Software, Version 6.33.0716.23.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE-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 1-1995 Section 2.2
2. The seal date shown on the individual truss component drawings must match the seal date on this index sheet.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: TCFILLER-BCFILLER-REPBCFIL

#	Ref	Description	Drawing#	Date
1	43222--B		04295001	10/21/04
2	43223--B1		04295002	10/21/04

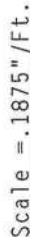


Seal Date: 10/21/2004

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



Deflection meets L/360 live and L/240 total load.



No. 0952212

STATE OF FLORIDA
PROFESSIONAL ENGINEER

Oct 21 '04

[illegible]

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

(390-LYN JONES - B1)

Top chord 2x6 SP #1 Dense :T2, T4 2x8 SP SS:
:T3 2x4 SP #2 Dense:
Bot chord 2x10 SP SS :B2 2x4 SP #2 Dense:
Webs 2x4 SP #3

BC attic room floor loading: LL = 75.00 psf; DL = 10.00 psf; from 4-0-13 to 25-5-0.

WARNING: THIS TRUSS MUST BE INSTALLED EXACTLY AS SHOWN. IT CAN NOT BE USED INSTALLED END-FOR-END.

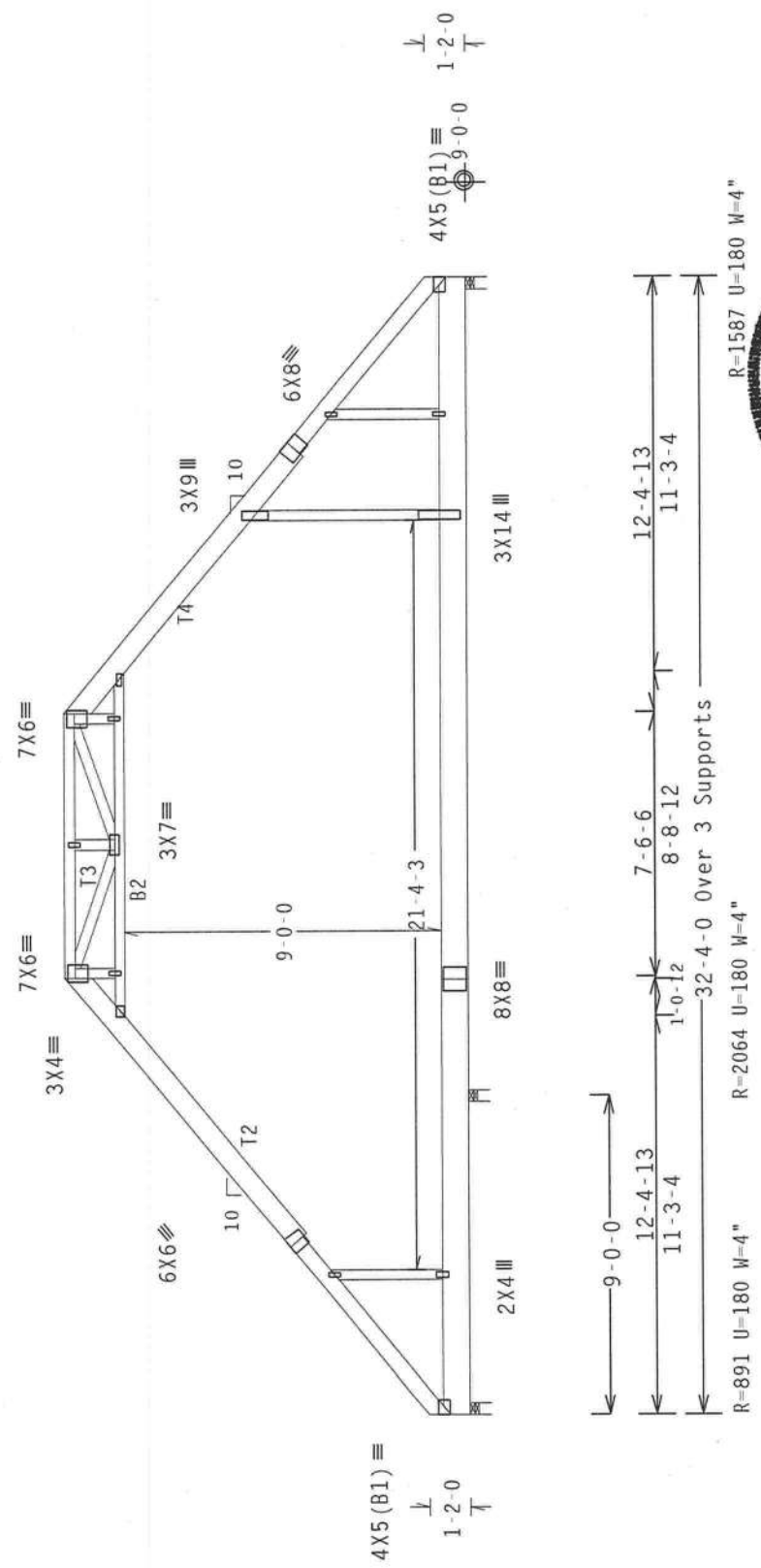
110 mph wind, 15.33 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Calculated horizontal deflection is 0.49" due to live load and 0.30" due to dead load.

Trusses to be spaced at 16.0" OC maximum.

Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

Deflection meets L/360 live and L/240 total load.

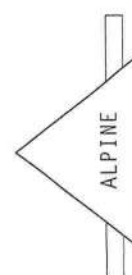


Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

Scale = 1/8" = 1'-0"

 Alpine Engineering Products, Inc. 1950 Manley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (PRESS PLATING AND FABRICATING, INC.) FOR THE LATEST EDITION OF THIS INFORMATION. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TOLERANCES SPECIFIED IN THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TOLERANCES SPECIFIED IN THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TOLERANCES SPECIFIED IN THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR.		FL / - / 4 / - / - / R / -	20.0 PSF	REF R487 -- 43223
	IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TOLERANCES SPECIFIED IN THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TOLERANCES SPECIFIED IN THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR. ANY FAILURE TO BUILD TO THE DESIGN OR TO THE TOLERANCES SPECIFIED IN THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE FABRICATOR.		TC LL	10.0 PSF	DATE 10/21/04
	DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AEP) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1666 (W/5/5) ASTM A653 GRADE 40/60 (W/5/5) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AEPX AS OF 10/11/2002 SEC.3. A SIGNATURE OF THE DESIGNER INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE DESIGN OF THIS BUILDING SHOWN. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC DL	10.0 PSF	DRW HCUSR487 04295002
			BC DL	0.0 PSF	HC-ENG TCE/AP
			TOT.LD.	40.0 PSF	SEQN- 105172
			DUR.FAC.	1.25	JREF- 1SHC487_Z01

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" OC MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d NAILS.
BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

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

* 8/12 MAXIMUM PITCH.

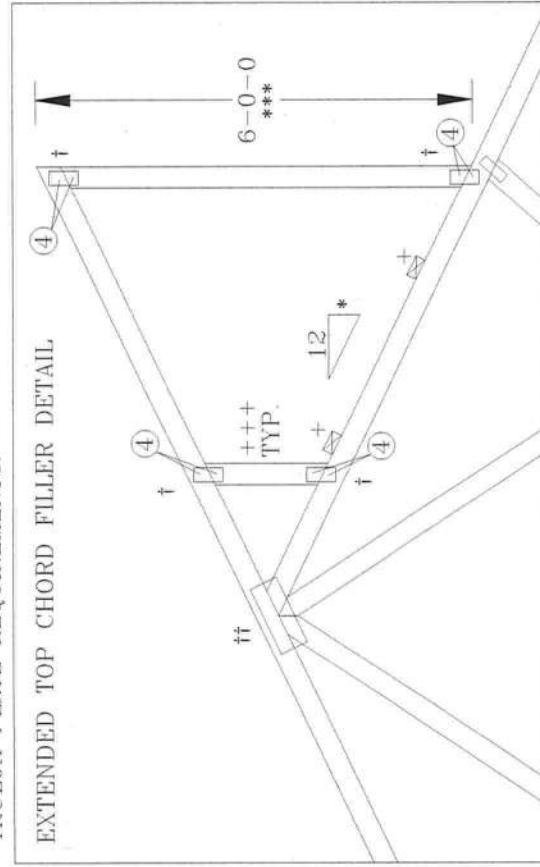
**** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.**

*** 6'0" MAXIMUM HEIGHT.

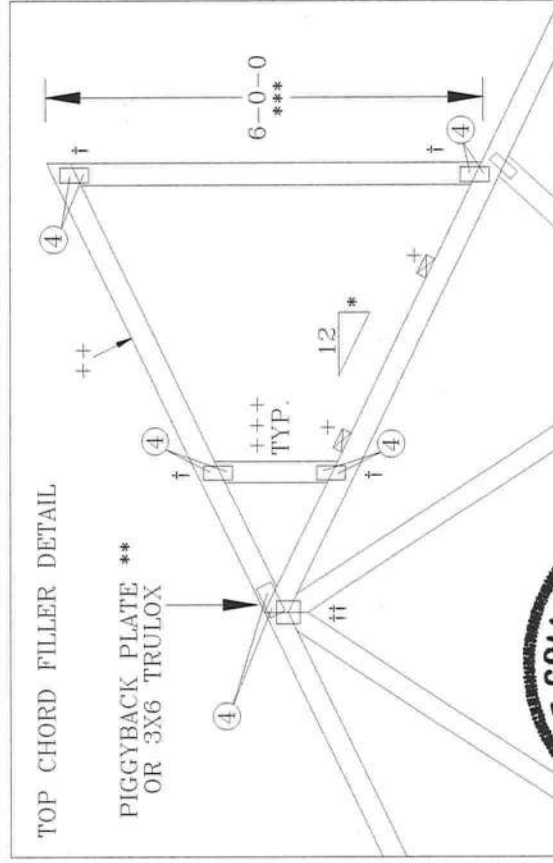
† W2X4 OR 3X6 TRULOX.

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

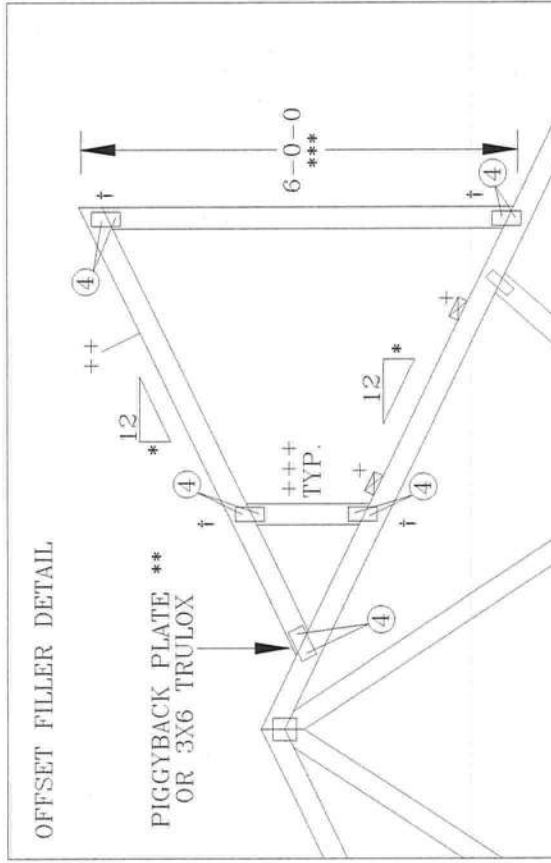
11 GAUGE (0.120")X1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG 160T/L FOR NAILING AND TRULOX PLATE REQUIREMENTS.



TOP CHORD FILLER DETAIL



OFFSET FILLER DETAIL



THIS DRAWING REPLACES DRAWING 884-080

TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	11/26/03
BC DL	MAX 10 PSF	DRWG	TCFILLER1103
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		



***WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BUILDING CODES, SPECIFICATIONS, AND PUBLISHED INFORMATION FOR PROPER TRUSS CONSTRUCTION. TOP CHORDS SHALL HAVE PROPERLY ATTACHED TOP CHORD BRACES. ALL MEMBERS SHALL BE PROPERLY ATTACHED TO EACH OTHER. TOP CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING. STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN, INSTALLATION, CONTRACTOR, SEALING, ENGINEERED, PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALUMINUM CONNECTOR PLATES ARE MADE OF 6018-T6666 (N/A/575) ASTM A575 GRADE 6018-T6666. THIS DESIGN, POSITION, PER DRAWINGS, NDS-A, ANY INSPECTION OF PLATES FOLLOWED BY ANY SMALL PER AMSE A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE VIABILITY AND USE OF THIS DESIGN COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 3.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

FILLER DETAIL

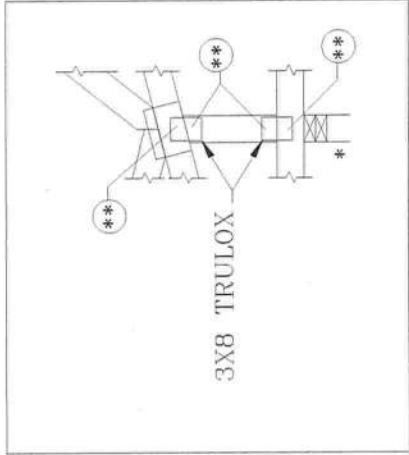
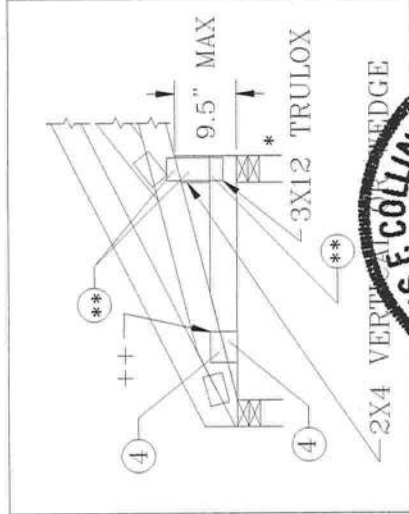
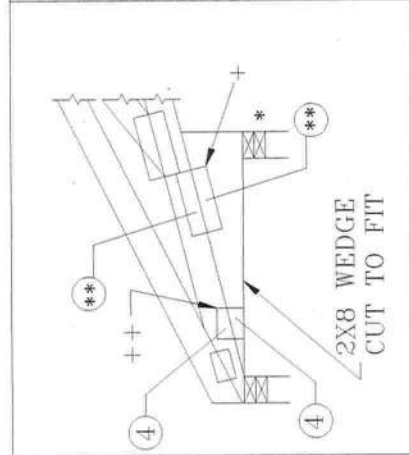
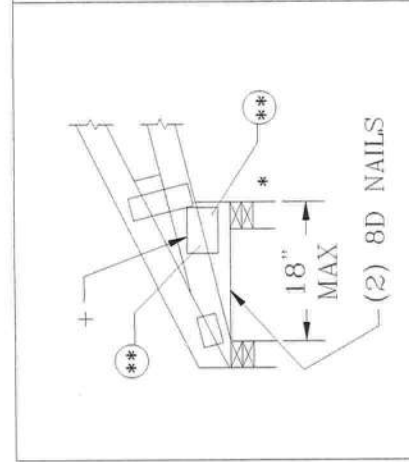
+ 3X4 WAVE OR 4X8 TRULOX

+ 2X4 WAVE OR 3X6 TRULOX

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

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

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



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO PCS-1-003 (BUILDING CONSTRUCTION SAFETY INFORMATION), PUBLISHED BY THE NATIONAL PLATE INSTITUTE, 593 DUNDY PARK DRIVE, SUITE 200, MANASSAS, VIRGINIA 20108, FOR TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE DRIVE, SUITE 100, FORT WORTH, TEXAS 76116, FOR TRUSS PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. CONSTRUCTION INDICATES TOP CHORDS SHALL HAVE PROPERLY ATTACHED TOP CHORD LUGS AND BOTTOM CHORDS AND BRACING LUGS SHALL HAVE PROPERLY ATTACHED RIGID FITTING.

***IMPORTANT** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR INSTALLATION OF THIS DESIGN. ANY FAILURE TO FOLLOW THIS DESIGN IN CONFORMANCE WITH THE APPLICABLE HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONNECTOR PLATES ARE MADE OF 2018/166A (H/H/S/C) ASTM A573 GRADE BY A/F40A AND ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (H/H/S/C) ASTM A573 GRADE 40/650 (H/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, ANY OTHERWISE LOCATED PLATES SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. (AISC) 360-10. THE SUITABILITY AND USE OF THIS DESIGN FOR THE TRUSS COMPONENT DESIGN SHOWN, THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC.



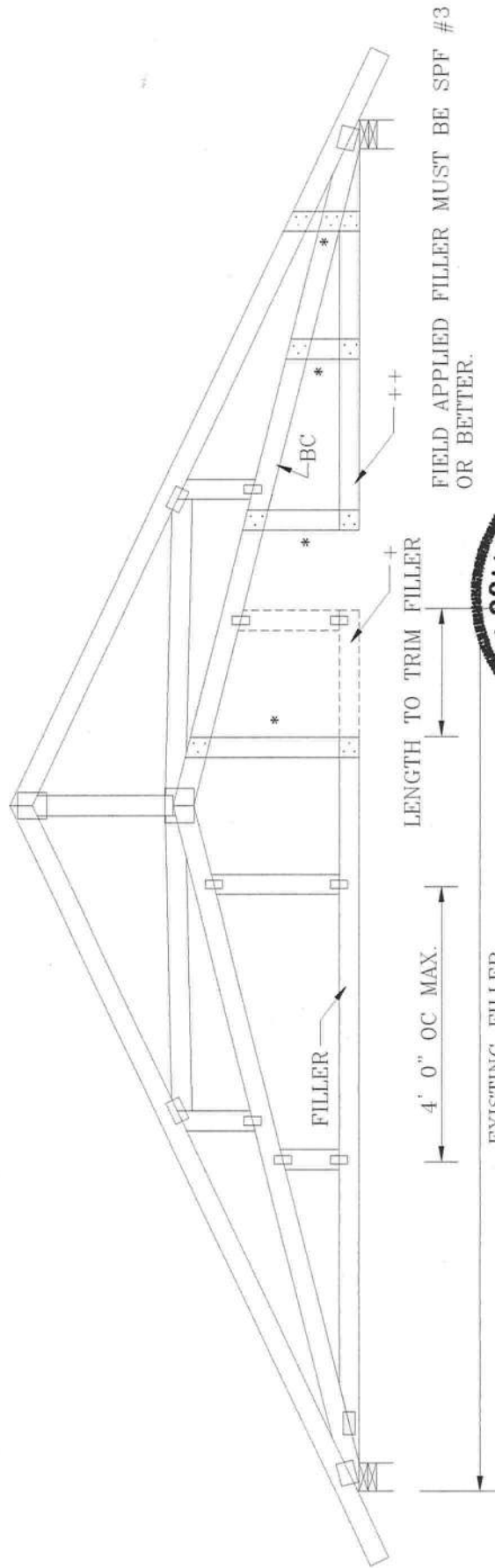
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

TC LL	—	PSF	REF	BC FILLER
TC DL	—	PSF	DATE	11/26/03
BC DL	10.0	PSF	DRWG	BCFILLER1103
BC LL	—	PSF	—ENG	DLJ/KAR
TOT. LD.	—	PSF		
DUR. FAC.	1.0/1.15/1.25/1.33			
SPACING	24.0"			

DRAWING REPLACES DRAWINGS A115 A115/R & 884.132

RECOMMENDED REPAIR PROCEDURE

1. MEASURE DISTANCE FOR NEW LENGTH OF FILLER.
2. APPLY NEW 2X4 STUD GRADE OR BETTER VERTICAL SCAB TO BOTTOM CHORD AND FILLER WITH (3) NAILS 0.131" DIA. x 3.0" OR LARGER, (I.E. 10d OR 16d COMMON, SINKER, GUN, OR 16d BOX NAILS) TO EACH END OF VERTICAL.
3. CAREFULLY REMOVE EFFECTED CONNECTOR PLATES. USE CARE NOT TO DAMAGE THE REMAINING CONNECTOR PLATES OR LUMBER IN ANY WAY.
4. TRIM FILLER TO LENGTH, AT EDGE OF NEW VERTICAL SCAB.



THIS DRAWING REPLACES DRAWING 962.767



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO 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 CONTRACTORS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (M/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 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 11237
Address BAYA AVE
City LAKE CITY **Phone** 752 1703

Site Location **Subdivision** SOUTH POINTE
Lot# 14 **Block#** **Permit#** 22407
Address 222 SW Cross Pointe

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	11/17/04	1000	583	F254
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied DIMSBAN TC 0.05 %
Remarks FRONT PORCH/BACK DECK to be treated
LATER.

Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 11837

Address Bona Ave

City Fort Lauderdale

Phone 752-1703

Site Location Subdivision 22407

Lot# 14

Block# 22405

Permit# 22401

Address 222 SW 10th Ave

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's
				Name
Main Body				
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Terminex %

Remarks

Notice of Treatment

Applicator Florida Pest Control & Chemical Co.

Address 536 SE Baya Dr.

City Lake City

Phone (386) 752-1703

Site Location Subdivision South Point

Lot# 14 **Block#** _____ **Permit#** ~~2245~~ 22407

Address 222 SW Cross Point

AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
<u>Front Porch</u> Main Body	<u>11-30-04</u>	<u>12⁵⁰</u>	<u>87</u>	<u>R.D. Crawford</u>
Patio/s #				
Stoop/s #		<u>22407</u>		
Porch/s #		2245		
Brick Veneer				
Extension Walls				
A/C Pad		<u>22405</u>		
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied Dursban TC .05 %

Remarks _____