

DATE 11/28/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023898

APPLICANT KERRI CLARK PHONE 754-5678

ADDRESS 1944 E DUVAL ST LAKE CITY FL 32055

OWNER PHOENIX LAND DEVELOPMENT PHONE 754-5678

ADDRESS 304 SW RED MAPLE WAY LAKE CITY FL 32055

CONTRACTOR JL DUPREE PHONE 754-5678

LOCATION OF PROPERTY 90 W, L DEPUTY JEFF DAVIS LN, L INTO LAUREL LAKES S/D
THEN 8TH LOT ON RIGHT, JUST BEFORE THE CUL-DE-SAC

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 118950.00

HEATED FLOOR AREA 2379.00 TOTAL AREA 3946.00 HEIGHT 26.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 03-4S-16-02732-108 SUBDIVISION LAUREL LAKES

LOT 8 BLOCK _____ PHASE 1 UNIT _____ TOTAL ACRES .51

000000896 CGC060631 Kerrie L. Clark

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

18" X 24' X05-0306 BK JH N

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

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD, ALTERNATIVE TERMITE TREATMENT RECIEVED,
SEE S/D PLAT FOR WETLANDS SETBACKS LINE, COPY GIVEN TO APPLICANT

Check # or Cash 2137

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 \$ 595.00 CERTIFICATION FEE \$ 19.73 SURCHARGE FEE \$ 19.73

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

FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 734.46

INSPECTORS OFFICE Li Hock 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 INCONVINCE, 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.

PERMIT# 23898

NOTICE OF COMMENCEMENT

STATE OF: FLORIDA

COUNTY OF: COLUMBIA

CITY OF: LAKE CITY

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.

DESCRIPTION OF PROPERTY

SECTION: _____ TOWNSHIP: _____ RANGE: _____ TAX PARCEL #: 03-4S-16-02732-108
LOT: 8 BLOCK: _____ SUBDIVISION: LAUREL LAKE
PLATBOOK #: _____ MAP PAGE #: _____
STREET ADDRESS: 304 S.W. RED MAPLE WAY

GENERAL DESCRIPTION OF IMPROVEMENT

TO CONSTRUCT: Residential

OWNER INFORMATION

NAME PHOENIX LAND DEVELOPMENT PHONE NUMBER: 754-5678
ADDRESS: PO BOX 2187
STATE: FLORIDA ZIP CODE: 32056
INTEREST IN THE PROPERTY: _____
FEE SIMPLE TITLEHOLDER NAME (OTHER THAN OWNER): _____
FEE SIMPLE TITLEHOLDER ADDRESS: _____

CONTRACTOR NAME: J.L. DUPREE PHONE NUMBER: 386-754-5678
COMPANY NAME: J.L. DUPREE CONSTRUCTION SERVICES, INC. FAX NUMBER: 386-754-5431
ADDRESS: P.O. BOX 2861 CITY: LAKE CITY
STATE: FLORIDA ZIP CODE: 32056

BONDING COMPANY: N/A PHONE NUMBER: _____
ADDRESS: _____ FAX NUMBER: _____
CITY: _____ STATE: _____ ZIP CODE: _____

LENDER NAME: N/A PHONE NUMBER: _____
ADDRESS: _____ FAX NUMBER: _____
CITY: _____ STATE: _____ ZIP CODE: _____

Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a), Florida Statute:

NAME: N/A ADDRESS: _____
CITY: _____ STATE: _____ ZIP CODE: _____

In addition to himself, the owner designates N/A of _____
To receive a copy of the Lienor's notice as provided in Section 713.13(1)(b) Florida Statutes.

Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified): _____

SIGNATURE OF OWNER: J.L. Dupree

Sworn to and subscribed before me this _____ day of _____, 20____.

Known personally/I.D. Shown known personallyNotary: Kleria L. Clark My commission expires: November 21, 2008

- 2/11 Kelli 11.22.05 -
896/23898

Columbia County Building Permit Application

For Office Use Only	Application # <u>051110</u>	Date Received <u>11/2/05</u>	By <u>JW</u>	Permit#
Application Approved By - Zoning Official	<u>BLK</u>	Date <u>11.05</u>	Plans Examiner <u>OK JTH</u>	Date <u>11-2-05</u>
Flood Zone <u>X-2</u>	Development Permit <u>NIA</u>	Zoning <u>RSF-2</u>	Land use Plan map Category <u>RES. Land Dev.</u>	
Comments <u>see PLOT PLAN FOR WET LAND SET BACK</u> <u>(NOC)</u>				

Applicants Name PHOENIX LAND DEVELOPMENT FAX # 754-5431
Address 1944 East Duval Street Lake City Florida 32055 Phone 386-754-5678
Owners Name PHOENIX LAND DEVELOPMENT Phone 386-754-5678
911 Address 304 S.W. RED MAPLE WAY
Contractors Name J.L. DuPree Construction Services Phone 386-754-5678
Address P.O. Box 2861 Lake City Florida 32055

Fee Simple Owner Name & Address _____
Bonding Co. Name & Address _____
Architect/Engineer Name & Address Freeman Design Group
Mortgage Lenders Name & Address _____

Property ID Number 03-4S-16-02732-108 Estimated Cost of Construction 2379 S.F
Subdivision Name Laurel Lake Lot 8 Block _____ Unit _____ Phase _____

Driving Directions 90 West to Deputy Jeff Davis Lane 1/2 mile on left is Laurel Lake, 8th Lot on Right
Porches 623 GARAGE 944 TOTAL 3946

Type of Construction: New Construction Number of existing dwellings on property 0
Total Acreage _____ Lot Size: 0.5182 Do you need A Culvert Permit or Culvert Waiver or Have an existing Drive
Actual Distance of structure from property lines - Front: 63'-1" Side: 25'-6" Side: 20'-10" Rear: 71'-0"
Total Building Height: 25 1/4 Number of stories: 1 Heated floor area: 2,379 roof pitch: 8 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)

J. L. DuPree
Contractor Signature
Contractors License Number CB060631
Competency Card Number _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/ SEAL

Sworn to (or affirmed) and subscribed before me
This 2nd day of Nov 20 05
Personally known ☒ or Produced Identification

Kern L. Clark
Notary Signature

Phase I

Kern L. Clark
My Commission DD373744
Expires November 21, 2008



Engineers • Planners

161 N.W. Madison St., Suite 102
Lake City, Florida 32055
Tel: 386-758-4209
Fax: 386-758-4290

Tuesday, November 15, 2005

Columbia County Building Department
Lake City, FL. 32055

To Whom It May Concern:

The wind loading for FBC2001 is no different from the wind loading for FBC 2004 edition. Please disregard the note on the plans indicating wind design for section 1606, FBC 2001 and replace with section 1609, FBC 2004 edition. If you have any questions, please call me at (386) 758-4209.

Sincerely,

William H. Freeman, P.E.
Cert. Of Authorization# 00008701

LAUREL LAKE
A SUBDIVISION IN
SECTION 3, T4-S, R16-E
COLUMBIA COUNTY, FLORIDA

CHORD BEARING
S 22° 30' 19" W
S 67° 27' 35" E
S 29° 22' 21" E
S 47° 40' 34" E
S 60° 34' 16" E
S 45° 14' 08" E
S 65° 19' 36" E
N 40° 56' 00" E
N 32° 48' 23" W
N 82° 37' 26" W
N 79° 59' 18" W
N 63° 12' 35" W
N 43° 37' 54" W
N 23° 52' 19" W
N 19° 32' 11" E
N 48° 24' 52" E
S 41° 34' 40" W
N 72° 34' 37" W
S 30° 32' 17" W

DEDICATION:

KNOW ALL MEN BY THESE PRESENTS that Musgrove Land Trust, as owner, has caused the lands hereon shown to be surveyed, subdivided and platted, to be known as LAUREL LAKE, and that all rights-of-way and easements are hereby dedicated to the perpetual use of the public for uses as shown hereon.

Clyde B. Musgrove
Clyde B. Musgrove, Trustee

Anna M. Newland
Witness

Amanda Brown
Witness

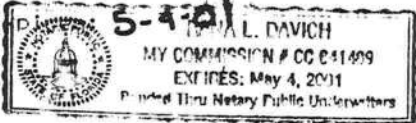
ACKNOWLEDGEMENT:

STATE OF FLORIDA, COUNTY OF COLUMBIA

The forgoing dedication was acknowledged before me this 15 day of April, 1999, by Clyde B. Musgrove, Trustee. He is personally known to me or has produced _____ as identification and (did/did not) take an oath.

SIGNED: Rana L. Davich
Notary Public

My Commission Expires



PLAT BOOK 7 PAGE 10
SHEET 2 OF 2

ACCEPTANCE FOR MAINTENANCE

I HEREBY CERTIFY that the improvements have been constructed in an acceptable manner and in accordance with County specifications or that a performance bond or instrument in the amount of \$_____ has been posted to assure completion of all required improvements and maintenance in case of default.

SIGNED: Hoyle Crowder DATE: 5/11/99
Director of Public Works

CERTIFICATE OF APPROVAL BY THE
ATTORNEY FOR COLUMBIA COUNTY, FLORIDA

Examined on May 11, 1999

AND

Approved as to legal form and sufficiency by

Malin Seagle
Attorney

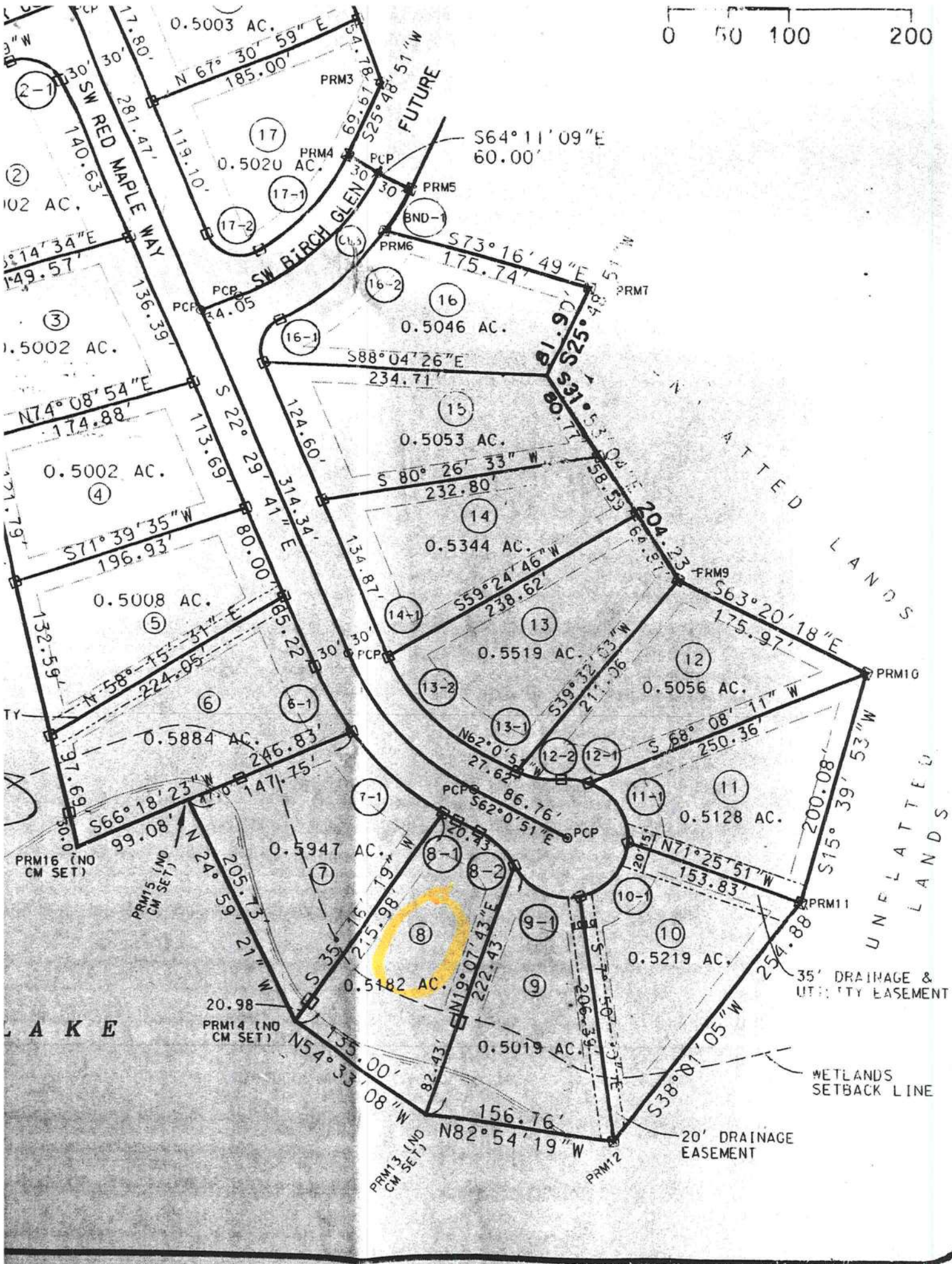
COMMISSION APPROVAL

SIGNED: Ronald T
Chairman

DATE: 5-11-99

ATTEST:

0 50 100 200



NOTES:

1. BEARINGS PROJECTED FROM THE Q OF C.R. 252 B.
2. TOTAL ACRES IN SUBDIVISION IS 12.3878 ACRES.
3. ACCORDING TO THE FLOOD INSURANCE RATE MAP (COMMUNITY PANEL NO. 120070 0175 B, EFFECTIVE DATE JANUARY 6, 1988) THE ABOVE DESCRIBED LANDS LIE IN ZONE X, AN AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD PLAIN.
4. PRELIMINARY PLAN APPROVED ON JULY 17, 1997.
5. ERROR OF CLOSURE BALANCED TO ZERO.
6. BUILDING SETBACK REQUIREMENTS ARE AS FOLLOWS:
FRONT - 30 FEET
SIDE & REAR --15 FEET

SPECIAL NOTES

NOTICE: ALL UTILITY EASEMENTS SHOWN ON THIS PLAT SHALL BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE AND OPERATION OF ELECTRIC, TELEPHONE, GAS, CABLE TELEVISION SERVICES AND ANY OTHER PUBLIC UTILITIES.

NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

CERTIFICATE OF COUNTY SURVEYOR

I, _____, do hereby certify that the undersigned, being a licensed registered land surveyor, as provided under Chapter 472, Florida Statutes and is in good standing with the Board of Land Surveyors, does hereby certify that on behalf of Columbia County, Florida on _____, I have examined this plat for conformity to Chapter 177, Florida Statutes; and that it meets all the requirements of Chapter 177, as amended.

Registration Number _____

CERTIFICATE

This is to CERTIFY that _____, Florida Engineer License No. 4385, has been installed and if applicable with the requirements of Chapter 177, Florida Statutes, Columbia County, Florida.

[Signature]
Registered for
9/15/9

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: Hibiscus Model
Address: Lot: 8, Sub: Laurel Lake, Plat:
City, State: Lake City, FL
Owner: J.L. Dupree Construction
Climate Zone: South
Builder: J.L. Dupree
Permitting Office: Columbia County
Permit Number: 23898
Jurisdiction Number: 21000

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 4
5. Is this a worst case? Yes
6. Conditioned floor area (ft²) 2379 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 0.0 ft² 188.0 ft²
b. Default tint 0.0 ft² 0.0 ft²
c. Labeled U or SHGC 0.0 ft² 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 243.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=13.0, 2180.0 ft²
b. Frame, Wood, Adjacent R=13.0, 222.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2600.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Con. Ret: Con. AH: Garage Sup. R=6.0, 80.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 42.0 kBtu/hr SEER: 12.00
b. N/A
c. N/A
13. Heating systems
a. Electric Heat Pump Cap: 42.0 kBtu/hr HSPF: 7.40
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 50.0 gallons EF: 0.90
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)

Glass/Floor Area: 0.08 Total as-built points: 30758 PASS
Total base points: 39529

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.
PREPARED BY: [Signature]
DATE: 9/26/05
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:
[Seal of the State of Florida]

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 8, Sub: Laurel Lake, Plat: , Lake City, FL,

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	2379.0	32.50	13917.2	Double, Clear	W	8.0	9.0	54.0	61.59	0.59	1955.7
				Double, Clear	W	13.0	7.0	30.0	61.59	0.45	828.3
				Double, Clear	N	1.5	6.0	16.0	31.93	0.94	480.4
				Double, Clear	E	1.5	10.0	42.0	68.60	0.98	2819.0
				Double, Clear	E	1.5	8.0	16.0	68.60	0.96	1052.7
				Double, Clear	S	1.5	7.0	30.0	58.45	0.91	1596.1
				As-Built Total:			188.0			8732.1	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	222.0	1.00	222.0	Frame, Wood, Exterior	13.0			2180.0	2.40	5232.0	
Exterior	2180.0	2.70	5886.0	Frame, Wood, Adjacent	13.0			222.0	0.90	199.8	
Base Total: 2402.0 6108.0				As-Built Total:			2402.0			5431.8	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	17.8	2.60	46.2	Exterior Insulated				37.0	6.40	236.8	
Exterior	97.0	6.40	620.8	Exterior Insulated				20.0	6.40	128.0	
				Exterior Insulated				40.0	6.40	256.0	
				Adjacent Insulated				17.8	2.60	46.2	
Base Total: 114.8 667.0				As-Built Total:			114.8			667.0	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	2379.0	2.80	6661.2	Under Attic	30.0			2600.0	2.77 X 1.00	7202.0	
Base Total: 2379.0 6661.2				As-Built Total:			2600.0			7202.0	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	243.0(p)	-20.0	-4860.0	Slab-On-Grade Edge Insulation	0.0	243.0(p)	-20.00		-4860.0		
Raised	0.0	0.00	0.0								
Base Total: -4860.0				As-Built Total:			243.0			-4860.0	
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
2379.0 18.79 44701.4							2379.0 18.79 44701.4				

SUMMER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 8, Sub: Laurel Lake, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
Summer Base Points: 67194.8				Summer As-Built Points: 61874.4							
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
67194.8		0.4266	28665.3	61874.4		1.000	(1.000 x 1.165 x 1.00)	0.284	1.000	20483.8	
				61874.4		1.00	1.165	0.284	1.000	20483.8	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 8, Sub: Laurel Lake, Plat: , Lake City, FL,

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	2379.0	2.36	1010.6	Double, Clear	W	8.0	9.0	54.0	3.98	1.02	220.0
				Double, Clear	W	13.0	7.0	30.0	3.98	1.03	123.2
				Double, Clear	N	1.5	6.0	16.0	4.38	0.99	69.5
				Double, Clear	E	1.5	10.0	42.0	3.30	1.01	140.3
				Double, Clear	E	1.5	8.0	16.0	3.30	1.02	53.6
				Double, Clear	S	1.5	7.0	30.0	3.12	1.01	94.4
				As-Built Total:			188.0			700.9	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	222.0	0.50	111.0	Frame, Wood, Exterior	13.0			2180.0	0.60		1308.0
Exterior	2180.0	0.60	1308.0	Frame, Wood, Adjacent	13.0			222.0	0.50		111.0
Base Total:		2402.0	1419.0	As-Built Total:			2402.0			1419.0	
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	17.8	1.30	23.1	Exterior Insulated				37.0	1.80		66.6
Exterior	97.0	1.80	174.6	Exterior Insulated				20.0	1.80		36.0
				Exterior Insulated				40.0	1.80		72.0
				Adjacent Insulated				17.8	1.30		23.1
Base Total:		114.8	197.7	As-Built Total:			114.8			197.7	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	2379.0	0.10	237.9	Under Attic	30.0			2600.0	0.10 X 1.00		260.0
Base Total:		2379.0	237.9	As-Built Total:			2600.0			260.0	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	243.0(p)	-2.1	-510.3	Slab-On-Grade Edge Insulation	0.0			243.0(p)	-2.10		-510.3
Raised	0.0	0.00	0.0								
Base Total:		-510.3		As-Built Total:			243.0			-510.3	
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
		2379.0	-0.06					2379.0	-0.06		-142.7

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 8, Sub: Laurel Lake, Plat: , Lake City, FL,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points: 2212.2				Winter As-Built Points: 1924.6							
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
2212.2		0.6274	1387.9	1924.6		1.000	(1.000 x 1.137 x 1.00)	0.461	1.000	1008.4	
				1924.6		1.00	1.137	0.461	1.000	1008.4	

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

ADDRESS: Lot: 8, Sub: Laurel Lake, Plat: , Lake City, FL,

PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										Credit = Total
										Multiplier
4		2369.00		9476.0	50.0	0.90	4		1.00	2316.36
					As-Built Total:					9265.4

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
28665		1388		9476		39529	20484		1008
									9265
									30758

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 8, Sub: Laurel Lake, Plat: , Lake City, FL,

PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 87.2

The higher the score, the more efficient the home.

J.L. Dupree Construction, Lot: 8, Sub: Laurel Lake, Plat: , Lake City, FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 12.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft ²)	2379 ft ²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ² 188.0 ft ²	a. Electric Heat Pump	Cap: 42.0 kBtu/hr
b. Clear - double pane	0.0 ft ² 0.0 ft ²		HSPF: 7.40
c. Tint/other SHGC - single pane	0.0 ft ² 0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 243.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 2180.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 222.0 ft ²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 2600.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH: Garage	Sup. R=6.0, 80.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStarTM 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 850-468-1824.*

Energy Gauge Version: FLRCPB v3.30)

Residential System Sizing Calculation

Summary

J.L. Dupree Construction

Lake City, FL

Project Title:
Hibiscus Model

Code Only
Professional Version
Climate: South

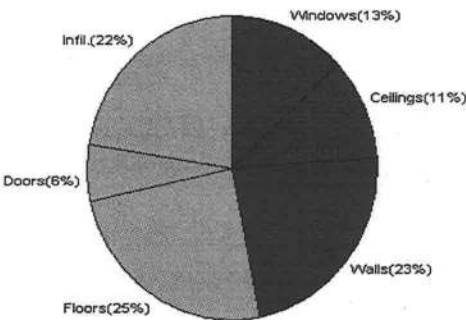
9/26/2005

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	93 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	18 F
Total heating load calculation		Total cooling load calculation	28379 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	135.6 42000	Sensible (SHR = 0.5)	96.7 21000
Heat Pump + Auxiliary(0.0kW)	135.6 42000	Latent	315.2 21000
		Total (Electric Heat Pump)	148.0 42000

WINTER CALCULATIONS

Winter Heating Load (for 2379 sqft)

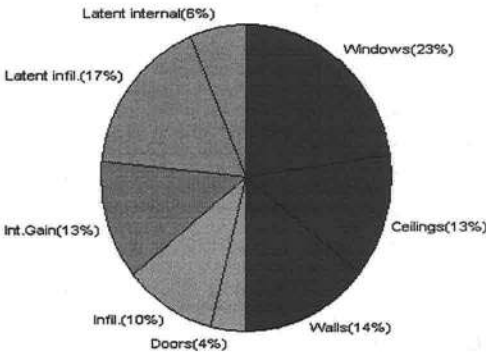
Load component		Load
Window total	188 sqft	4042 Btuh
Wall total	2402 sqft	7113 Btuh
Door total	115 sqft	1945 Btuh
Ceiling total	2600 sqft	3380 Btuh
Floor total	243 ft	7679 Btuh
Infiltration	159 cfm	6818 Btuh
Subtotal		30977 Btuh
Duct loss		0 Btuh
TOTAL HEAT LOSS		30977 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2379 sqft)

Load component		Load
Window total	188 sqft	6484 Btuh
Wall total	2402 sqft	4024 Btuh
Door total	115 sqft	1164 Btuh
Ceiling total	2600 sqft	3692 Btuh
Floor total		0 Btuh
Infiltration	139 cfm	2753 Btuh
Internal gain		3600 Btuh
Subtotal(sensible)		21717 Btuh
Duct gain		0 Btuh
Total sensible gain		21717 Btuh
Latent gain(infiltration)		4822 Btuh
Latent gain(internal)		1840 Btuh
Total latent gain		6662 Btuh
TOTAL HEAT GAIN		28379 Btuh



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY:

DATE:

C. J. H. F. W.
9/26/05

System Sizing Calculations - Winter

Residential Load - Component Details

J.L. Dupree Construction

Project Title:
Hibiscus Model

Code Only
Professional Version
Climate: South

Lake City, FL

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

9/26/2005

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Wood, DEF	N	54.0	21.5	1161 Btuh
2	2, Clear, Wood, DEF	N	30.0	21.5	645 Btuh
3	2, Clear, Wood, DEF	E	16.0	21.5	344 Btuh
4	2, Clear, Wood, DEF	S	42.0	21.5	903 Btuh
5	2, Clear, Wood, DEF	S	16.0	21.5	344 Btuh
6	2, Clear, Wood, DEF	W	30.0	21.5	645 Btuh
Window Total			188		4042 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	2180	3.1	6758 Btuh
2	Frame - Adjacent	13.0	222	1.6	355 Btuh
Wall Total			2402		7113 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		37	18.3	678 Btuh
2	Insulated - Exter		20	18.3	367 Btuh
3	Insulated - Exter		40	18.3	733 Btuh
4	Insulated - Adjac		18	9.4	167 Btuh
Door Total			115		1945Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	2600	1.3	3380 Btuh
Ceiling Total			2600		3380Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	243.0 ft(p)	31.6	7679 Btuh
Floor Total			243		7679 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	23790(sqft)	159	6818 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				159	6818 Btuh

Totals for Heating	Subtotal	30977 Btuh
	Duct Loss(using duct multiplier of 0.00)	0 Btuh
	Total Btuh Loss	30977 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

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

System Sizing Calculations - Summer

Residential Load - Component Details

J.L. Dupree Construction

Project Title:
Hibiscus Model

Code Only
Professional Version
Climate: South

Lake City, FL

Reference City: Gainesville (Defaults)

Summer Temperature Difference: 18.0 F

9/26/2005

Window	Type	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	8	9	54.0	0.0	54.0	22	22	1188 Btuh
2	2, Clear, DEF, N, N	N	13	7	30.0	0.0	30.0	22	22	660 Btuh
3	2, Clear, DEF, N, N	E	1.5	6	16.0	0.0	16.0	22	72	1152 Btuh
4	2, Clear, DEF, N, N	S	1.5	10	42.0	38.8	3.2	22	37	972 Btuh
5	2, Clear, DEF, N, N	S	1.5	8	16.0	16.0	0.0	22	37	352 Btuh
6	2, Clear, DEF, N, N	W	1.5	7	30.0	0.0	30.0	22	72	2160 Btuh
Window Total					188					6484 Btuh
Walls	Type	R-Value			Area		HTM		Load	
1	Frame - Exterior	13.0			2180.0		1.7		3793 Btuh	
2	Frame - Adjacent	13.0			222.0		1.0		231 Btuh	
Wall Total					2402.0				4024 Btuh	
Doors	Type				Area		HTM		Load	
1	Insulated - Exter				37.0		10.1		375 Btuh	
2	Insulated - Exter				20.0		10.1		203 Btuh	
3	Insulated - Exter				40.0		10.1		406 Btuh	
4	Insulated - Adjac				17.8		10.1		180 Btuh	
Door Total					114.8				1164 Btuh	
Ceilings	Type/Color	R-Value			Area		HTM		Load	
1	Under Attic/Dark	30.0			2600.0		1.4		3692 Btuh	
Ceiling Total					2600.0				3692 Btuh	
Floors	Type	R-Value			Size		HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0			243.0 ft(p)		0.0		0 Btuh	
Floor Total					243.0				0 Btuh	
Infiltration	Type	ACH			Volume		CFM=		Load	
	Natural	0.35			23790		139.1		2753 Btuh	
	Mechanical						0		0 Btuh	
	Infiltration Total						139		2753 Btuh	
Internal gain	Occupants			Btuh/occupant		Appliance		Load		
	8			X 300 +		1200		3600 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

J.L. Dupree Construction

Project Title:
Hibiscus Model

Code Only
Professional Version
Climate: South

Lake City, FL

9/26/2005

Totals for Cooling	Subtotal	21717 Btuh
	Duct gain(using duct multiplier of 0.00)	0 Btuh
	Total sensible gain	21717 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	4822 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)	1840 Btuh
	Latent other gain	0 Btuh
	TOTAL GAIN	28379 Btuh

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

Columbia Cou

0002 0003
L001 - .51 AC, ADJ;4 WATER FRONT LOT
2005

From: The Columbia County Building Department
Plans Review
135 NE Hernando Av.
P. O Box 1529
Lake City Florida, 32056-1529

Reference to: Build permit application Number: **0511-10**

**J.L. DuPree Construction Owner Phoenix Land Development
Lot 8 Laurel Lakes Subdivision**

On the date of November 8, 2005 application 0511-11 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

**Please include application number 0511-10 when making
reference to this application.**

1. Please submit a recorded notice of commencement with this department prior to requesting any inspections on this dwelling.
2. Application 0511-10 which was filed with the building department on the date of November 2, 2005 and will be reviewed under the Florida Building Code 2004. The Wind Load design by Mr. William Freeman of Freeman Design Group was design under the Florida Building Code 2001. The wind Load design should reflect the code sections of the Florida Building Code 2004 that relate to wind Load design code requirements.
3. Show Compliance with the FRC-2004 Section R308: Glazing, in an individual fixed or operable panel adjacent to a door where the nearest vertical edge is within a 24-inch (610 mm) arc of the door in a closed position and whose bottom edge is less than 60 inches (1524 mm) above the floor or walking surface.

4. Show compliance with the FRC-2004 section R309: Garages and Carports: R309.1: Opening protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors. R309.1.1 Duct penetration: Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel or other approved material and shall have no openings into the garage. R309.2 Separation required: The garage shall be separated from the residence and its attic area by not less than 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent.

Thank you,



Joe Haltiwanger
Plan Examiner,
Columbia County Building Department

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000896**

DATE 11/28/2005 PARCEL ID # 03-4S-16-02732-108
APPLICANT KERRI CLARK PHONE 75-5678
ADDRESS 1944 E DUVAL ST LAKE CITY FL 32055
OWNER PHOENIX LAND DEVELOPMENT PHONE 754-5678
ADDRESS 304 SW RED MAPLE WAY LAKE CITY FL 32055
CONTRACTOR JL DUPREE PHONE 754-5678
LOCATION OF PROPERTY 90 W, L DEPUTY JEFF DAVIS LN, L INTO LAUREL LAKES, 8TH LOT
ON RIGHT _____

SUBDIVISION/LOT/BLOCK/PHASE/UNIT LAUREL LAKES 8 1

SIGNATURE Kerri L. Clark

INSTALLATION REQUIREMENTS

☐

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 SUBDIVISION APPROVED FOR 18" X 24' CULVERTS

**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



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:1SRO215-Z0228081918

Truss Fabricator: W.B. Howland
Job Identification: 2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL
Truss Count: 39
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software, Version 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 10/28/2005

Notes:

- Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
- The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
- As shown on attached drawings; the drawing number is preceded by: HCUSR215

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

Details: CNBRGBLK-BRCLBSUB

#	Ref	Description	Drawing#	Date
1	07345--A1GE		05301001	10/28/05
2	07346--A2		05301012	10/28/05
3	07347--A3G (2-PLY)		05301022	10/28/05
4	07348--B1GE		05301031	10/28/05
5	07349--B2		05301035	10/28/05
6	07350--B3G (3-PLY)		05301036	10/28/05
7	07351--C1GE		05301037	10/28/05
8	07352--C2		05301038	10/28/05
9	07353--D1HG (2-PLY)		05301039	10/28/05
10	07354--D2		05301002	10/28/05
11	07355--D3		05301003	10/28/05
12	07356--D4		05301004	10/28/05
13	07357--D5		05301005	10/28/05
14	07358--D6		05301006	10/28/05
15	07359--D7		05301008	10/28/05
16	07360--D8		05301034	10/28/05
17	07361--D9		05301011	10/28/05
18	07362--D10		05301010	10/28/05
19	07363--D11		05301033	10/28/05
20	07364--D12		05301021	10/28/05
21	07365--D13		05301018	10/28/05
22	07366--D14		05301017	10/28/05
23	07367--D15		05301016	10/28/05
24	07368--D16		05301015	10/28/05
25	07369--D17		05301007	10/28/05
26	07370--D18		05301009	10/28/05
27	07371--D19HG (2-PLY)		05301014	10/28/05
28	07372--J1		05301025	10/28/05
29	07373--J3		05301023	10/28/05
30	07374--J5		05301019	10/28/05
31	07375--J7		05301026	10/28/05
32	07376--J7A		05301029	10/28/05
33	07377--J7B		05301024	10/28/05
34	07378--JH7		05301013	10/28/05
35	07379--PBD5		05301027	10/28/05
36	07380--PBD4		05301028	10/28/05

#	Ref	Description	Drawing#	Date
37	07381--PBD3		05301020	10/28/05
38	07382--PBD2		05301030	10/28/05
39	07383--PBD1		05301032	10/28/05



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Page 1 of 1 Document ID:1SRO215-Z0228081918

Truss Fabricator: W.B. Howland
Job Identification: 2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL
Truss Count: 1
Model Code: Florida Building Code 2004
Truss Criteria: ANSI/TPI-2002(STD)/FBC
Engineering Software: Alpine Software,Version 7.20.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 32.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-02 -Closed

- Notes:
- 1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
 - 2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
 - 3. As shown on attached drawings; the drawing number is preceded by: HCUSR215

Seal Date: 10/28/2005

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	07347--	A3G (2-PLY)	05301022	10/28/05

ALPINE



REF	R215--	7345
DATE	10/28/05	
DRW	HCUSR215	05301001
HC-ENG	EC/WHK	
SEQN	-	84518
FROM	CDM	
JREF	-	1SR0215_702

JREF- 1SR0215_Z02

Top chord 2x4 SP #2 N

Webs 2x4 SP #2 N

:Lt Wedge 2x8 SP #2 N

SPECIAL LOADS

----- (LUMBER DUR. FAC
TC - From 64 PLF a

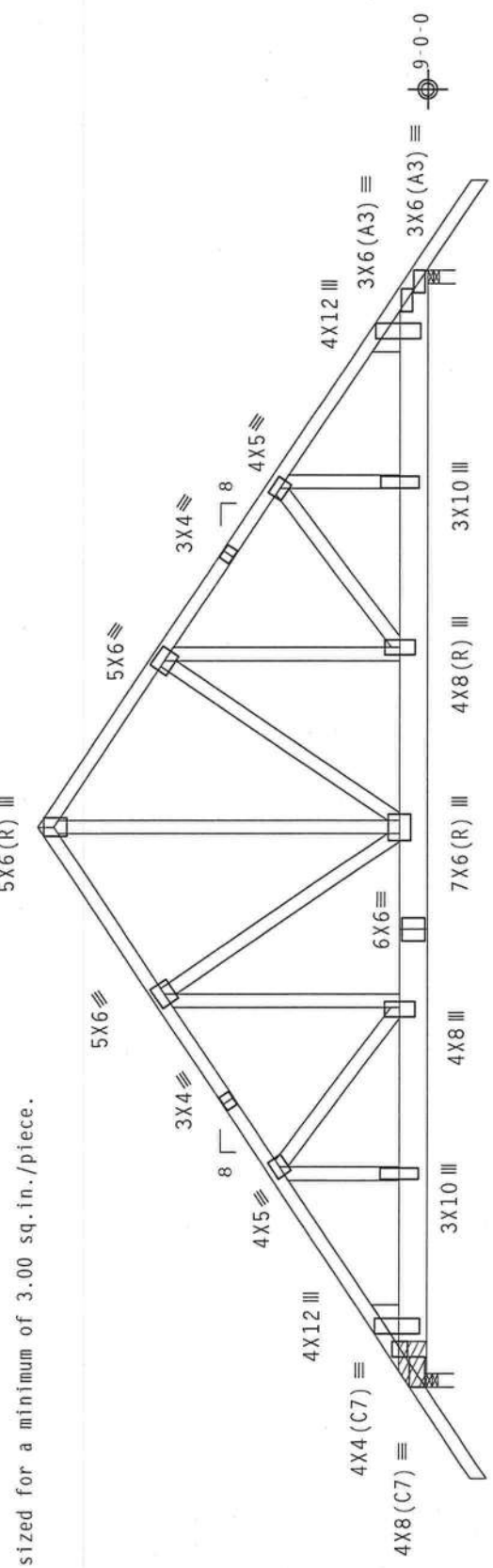
BC	-	From	5 PLF a
BC	-	From	20 PLF a

BC	-	From	5 PLF a
BC	-	1179 LB	Conc. L
BC	-	1148 LB	Conc. L

BC	-	1148	LB	Conc.	1148
BC	-	1145	LB	Conc.	1145
BC	-	1107	LB	Conc.	1107

BC	-	1107	LD	Conc.	LD
BC	-	1066	LB	Conc.	LD
BC	-	1045	LB	Conc.	LD
BC	-	2166	LB	Conc.	LD

Deflection meets L/240



R=5729 U=612 W=3.5"

Diagram showing the elevation of a beam with two supports. The beam is labeled "24-6-0 Over 2 Supports". The dimensions are indicated as follows:

- Span between supports: 12-3-0
- Overhang on the left: 12-3-0
- Overhang on the right: 12-3-0
- Total length: 24-6-0

PLT TYP. Wave

FL/-/5/-/-/R/-

<

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

DATE 10/28/05

UIC ENC EC /MIUK

SEQN- 90989 H

JREF- 1SR0215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

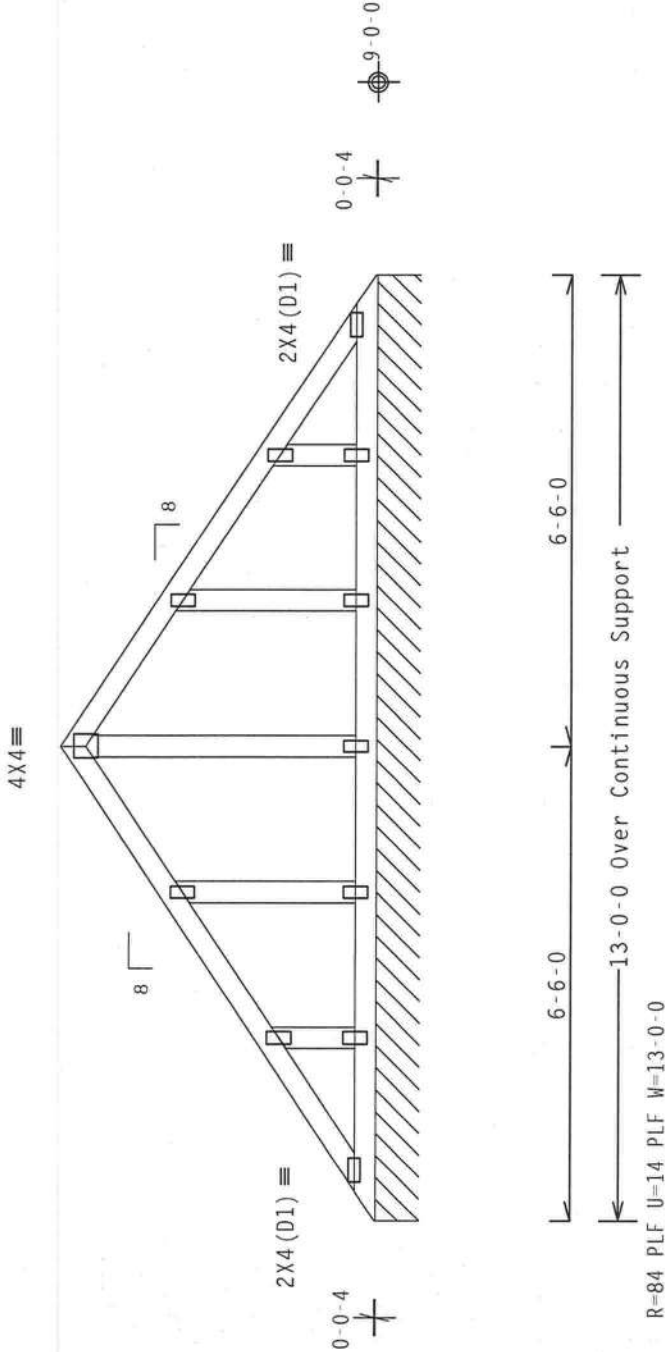
Deflection meets L/240 live and L/180 total load.

Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 4-4-4.

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.

SEE DWGS A11015EC0901 FOR ADDITIONAL REQUIREMENTS.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave QTY:1 FL/-/5/-/-/R/- Scale = .375"/Ft.

****WARNING**** TROTTERS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 MADISON, MI 48134) 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 ACCORDANCE WITH THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. DESIGN CONFORMS TO THE TPI (TRUSS PLATE INSTITUTE) DESIGN. CONNECTOR PLATES ARE MADE OF 2018/160A (2018/160A) ASTM A563 GRADE 40/50. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



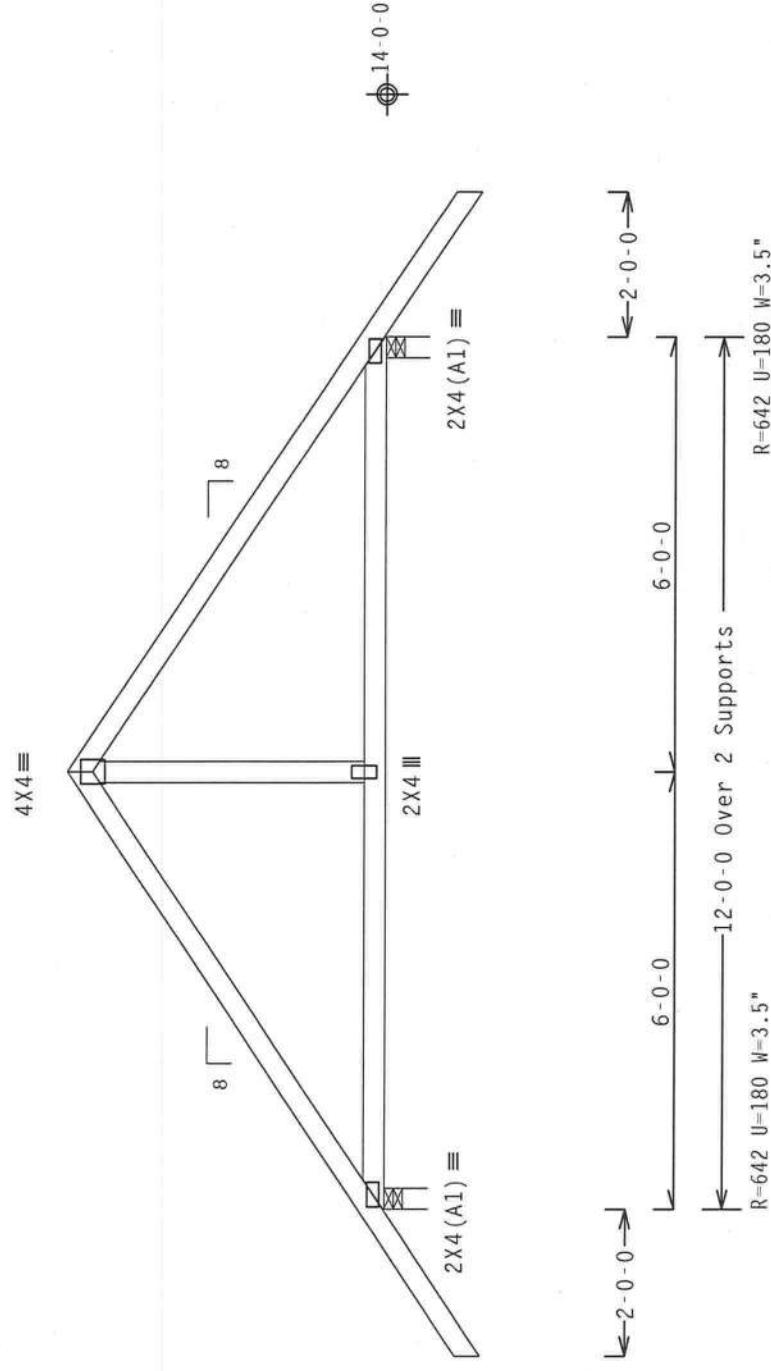
TC LL	20.0 PSF	REF	R215-- 7348
TC DL	10.0 PSF	DATE	10/28/05
BC DL	10.0 PSF	DRW	HCUSR215 05301031
BC LL	0.0 PSF	HC-ENG	EC/WHK *
TOT.LD.	40.0 PSF	SEQN	84509
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1SR0215_Z02

The overall height of this truss excluding overhang is 4-8-7.

JREF- 1SR0215 702

JREF- 1SR0215 Z02

The overall height of this truss excluding overhang is 4-4-7.



FL / - / 5 / - / - / R / -	Scale = .375" / Ft.	
TC LL	20.0	PSF
TC DL	10.0	PSF
BC DL	10.0	PSF
BC LL	0.0	PSF
TOT. LD.	40.0	PSF
DUR. FAC.	1.25	
SPACING	24.0"	
	REF	R215 - 7352
	DATE	10/28/05
	DRW	HCUSR215 0530103
	HC-ENG	EC/WHK
	SEQN -	84525
	FROM	CDM
	JREF -	1SR0215-Z02

Top chord 2x6 SP #2 N :T1 2x4 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

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

#1 hip supports 7-0-0 jacks w/2 panel TC and no end vert.

Plates sized for a minimum of 3.00 sq.in./piece.

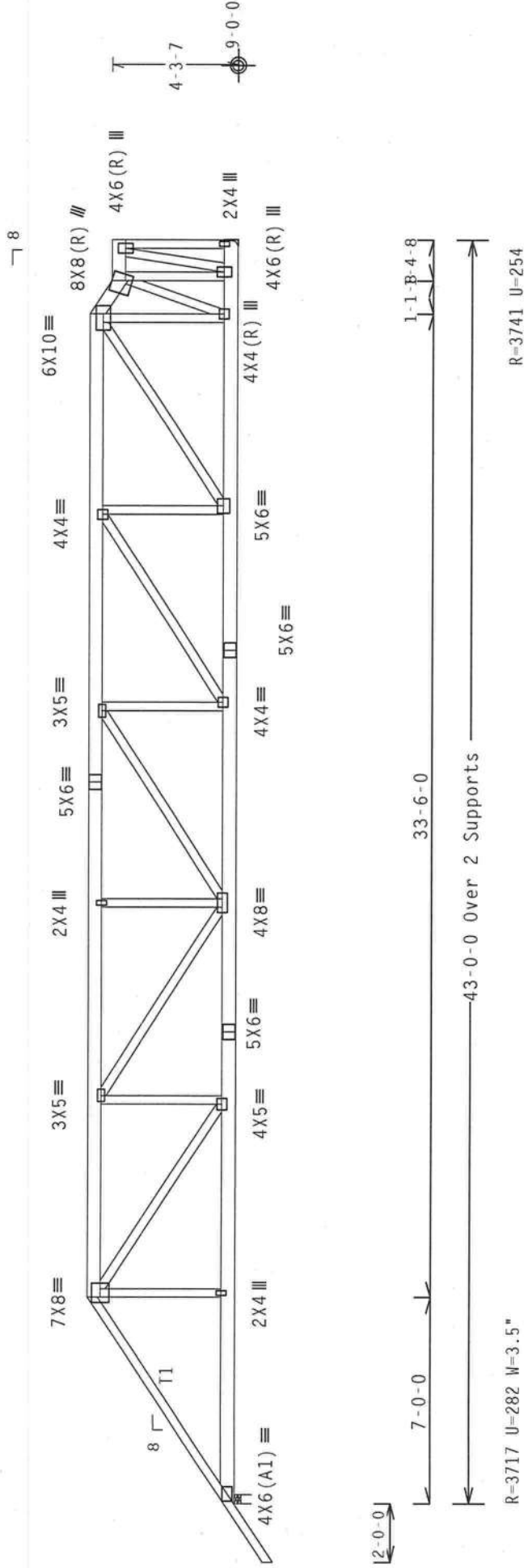
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" Gun nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 5-0-7.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Scale = .1875"/Ft.

QTY:1	FL/-/5/-/-/R/-	TC LL	20.0 PSF	REF	R215-- 7353
		TC DL	10.0 PSF	DATE	10/28/05
		BC DL	10.0 PSF	DRW	HCUSR215 05301039
		BC LL	0.0 PSF	HC-ENG	EC/WHK
		TOT.LD.	40.0 PSF	SEQN	90924
		DUR.FAC.	1.25	FROM	CDM
		SPACING	24.0"	JREF	1SR0215_Z02

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND METCA (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, OR CONNECTOR PLATES ARE MADE OF 20/18/14GAL. GALVALUM. UNLESS OTHERWISE INDICATED, ALL TRUSS CONNECTOR PLATES ARE MADE OF 20/18/14GAL. GALVALUM. UNLESS OTHERWISE INDICATED, ALL TRUSS CONNECTOR PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 606.2. 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.



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1950 Marley Drive
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The overall height of this truss excluding overhang is 6-4-7.



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

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

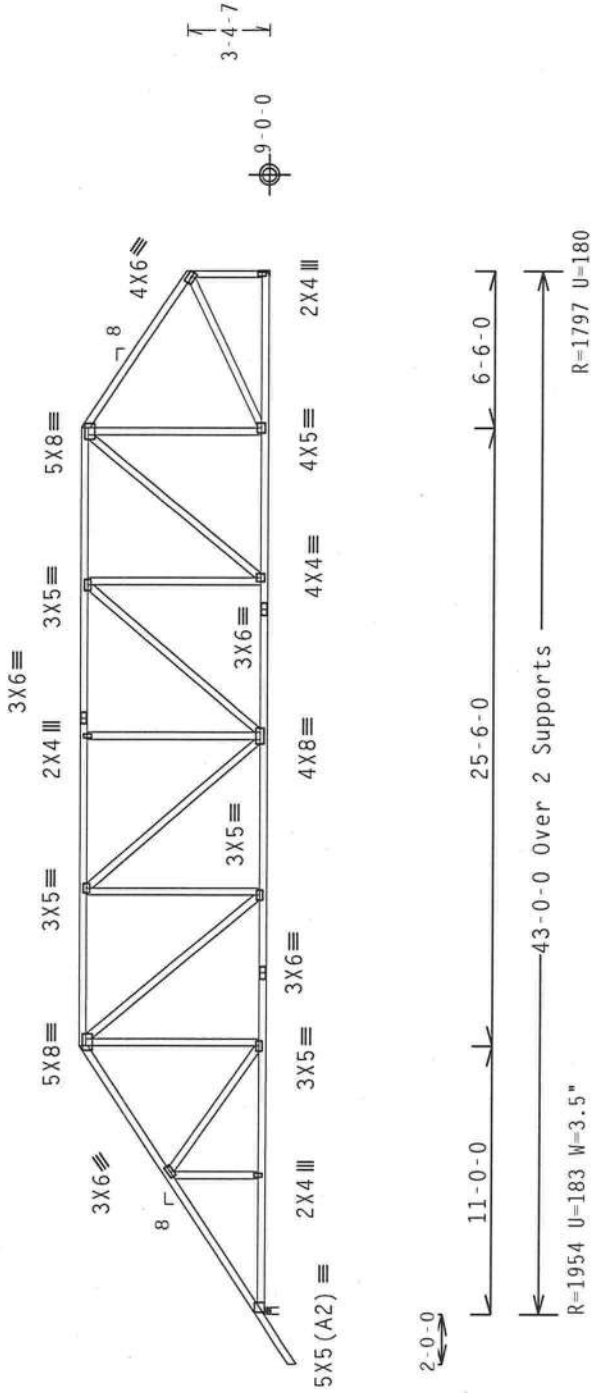
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

The overall height of this truss excluding overhang is 7-8-7.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.20.0918

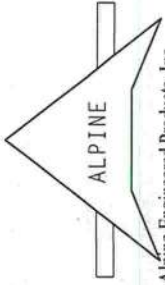
QTY. 1

FL/-/5/-/-/R/-

Scale = .125"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO DECS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 HAWTHORNE BLVD., SUITE 100, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53721) FOR ADDITIONAL INFORMATION. ANY FAILURE TO FOLLOW THESE INSTRUCTIONS MAY BE CAUSAL 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 THESE INSTRUCTIONS MAY BE CAUSAL 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. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/J/S/P) ASTM A653 GRADE 40/60 (H, K/H, S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-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.



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FL Certificate of Authorization # 567



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

REF	R215--	7355
DATE	10/28/05	
DRW	HCUSR215	05301003
HC-ENG	EC/WHK	
SEQN	90890	
FROM	CDM	
JREF	1SR0215_Z02	

(2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - D4)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.13" due to live load and 0.14" due to dead load.

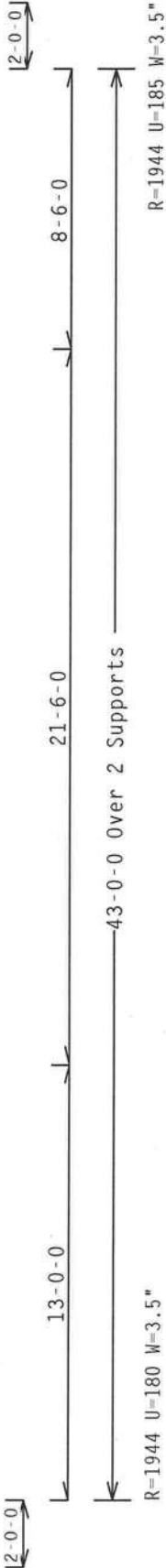
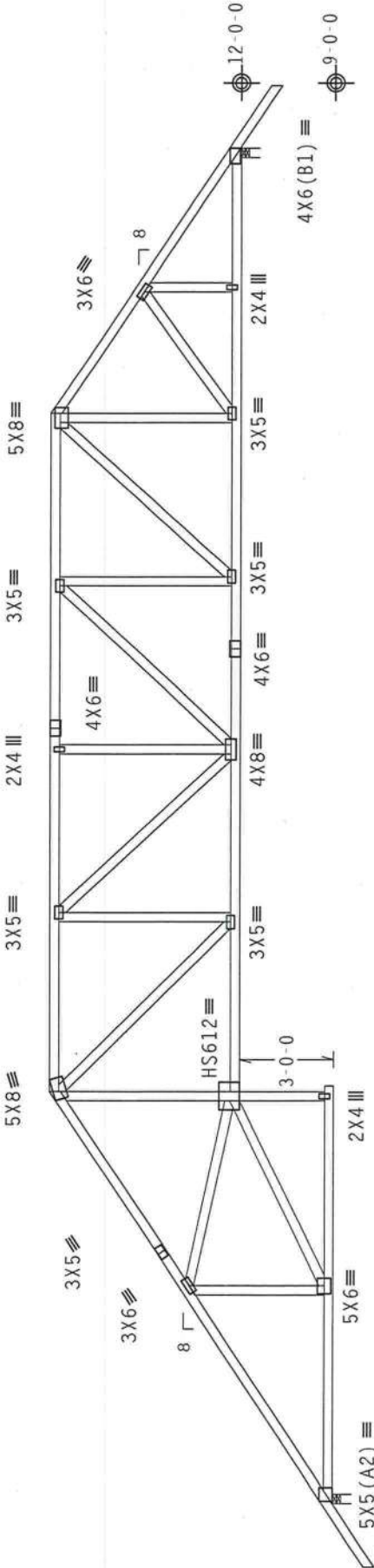
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 9-0-7.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002(STD)/FBC

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

7.20.0918

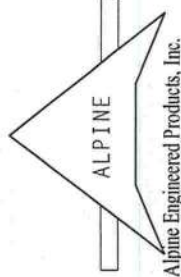
QTY:1

FL/-5/-/-/R/-

Scale = .1875"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (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 GUTTING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/10/1060 (M-10/5/20) ASTM A653 GRADE 40/60 (M-40/60) 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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1650 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



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

REF	R215-- 7356
DATE	10/28/05
DRW	HCUSR215 05301004
HC-ENG EC/WHK	*
SEQN	90917
FROM	CDM
JREF	1SR0215_Z02

(2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - D5)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Calculated horizontal deflection is 0.12" due to live load and 0.13" due to dead load.

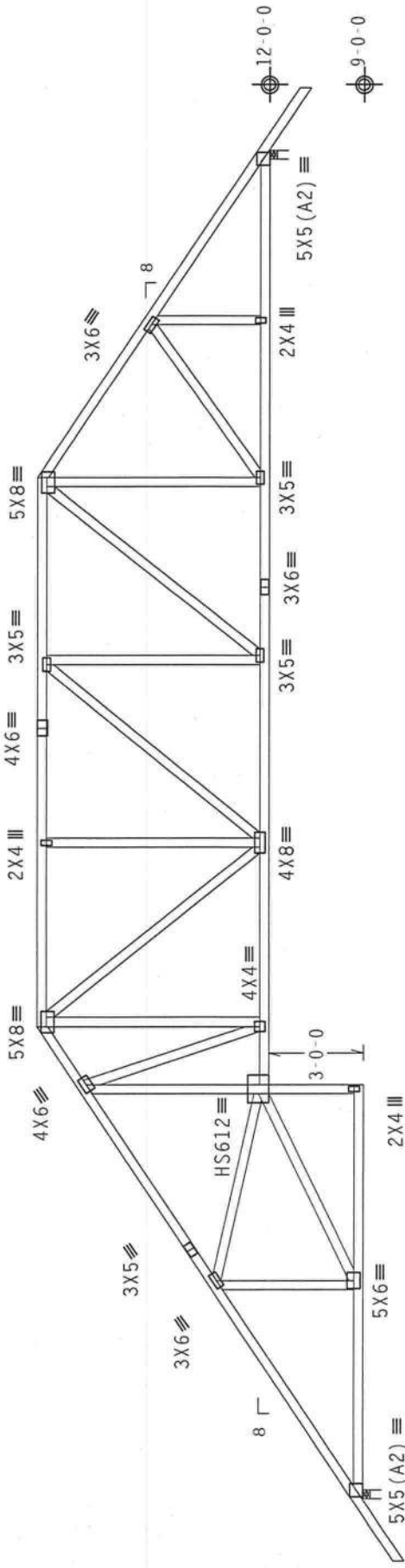
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10-4-7.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.



12'-0'-0"

15'-0'-0"
13'-2'-0"

17'-6'-0"
29'-10'-0"
10'-6'-0"

12'-0'-0"

R=1944 U=180 W=3.5"

R=1944 U=181 W=3.5"

PLT TYP. 20 Gauge HS, Wave

Design Crit: TPI-2002(STD)/FBC

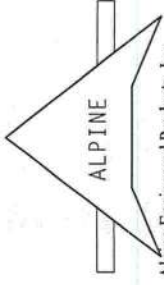
Cq/RT=1.00(1.25)/10(0)

7.20.0918

QTY:1

FL/-/5/-/-/R/-

Scale = .1875"/Ft.



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Haines City, FL 33844
FL Certificate of Authorization # 567

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TC LL	20.0 PSF	REF	R215 -- 7357
TC DL	10.0 PSF	DATE	10/28/05
BC DL	10.0 PSF	DRW	HCUSR215 05301005
BC LL	0.0 PSF	HC-ENG	EC/WHK
TOT.LD.	40.0 PSF	SEQN	90944
DUR.FAC.	1.25	FROM	CDM
SPACING	24.0"	JREF	1SR0215_Z02

	Top	chord	2x4	SP	#2	N
	Bot	chord	2x4	SP	#2	N
		webs	2x4	SP	#2	N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf

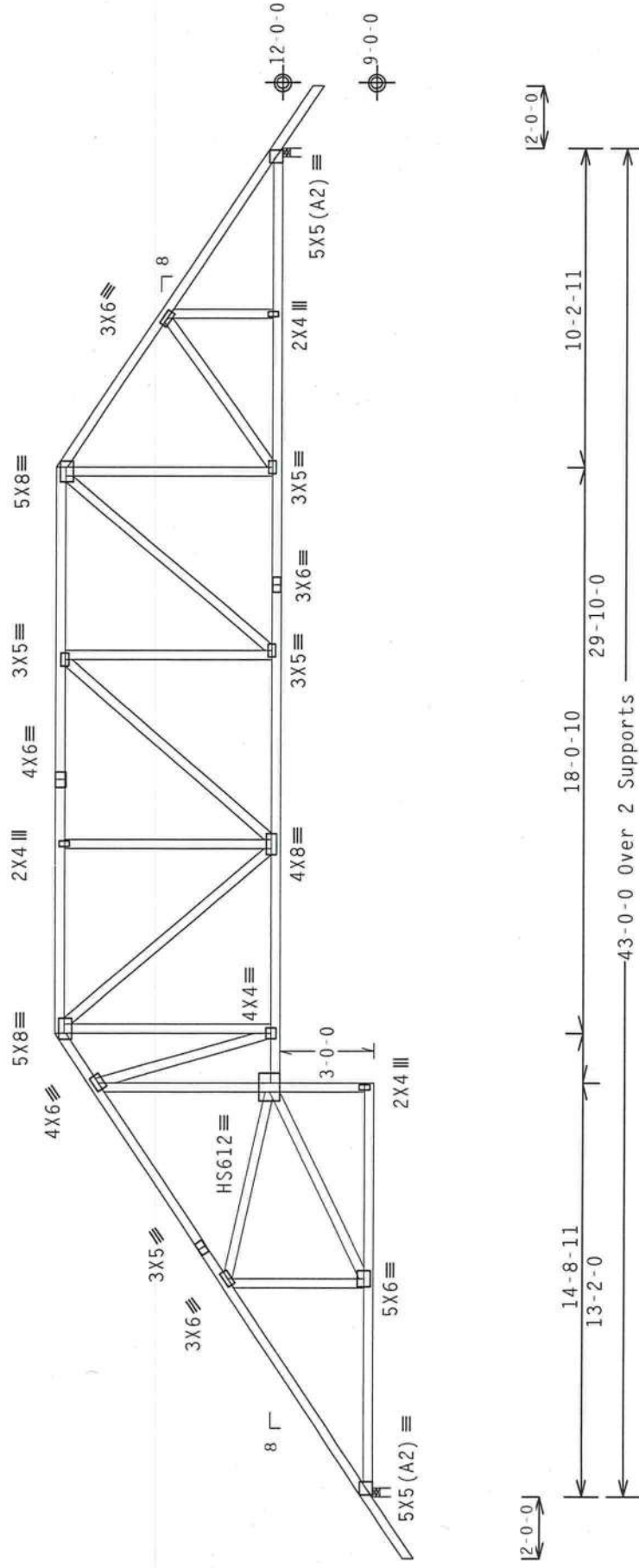
Calculated horizontal deflection is 0.12" due to live load and 0.13" due to dead load.

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

The overall height of this truss excluding overhang is 10-2-4.

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

Plates sized for a minimum of 3.00 sq.in./piece.



R=1944 U=180 W=3.5"

R=1944 U=181 W=3.5"

Design Crit: TPI-2002(STD)/FBC

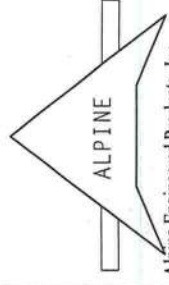
PLT TYP. 20 Gauge HS, Wave

Design Critic. IPI 2002 (S10)/7BC
Cq/RT=1.00(1.25)/10(0)

QTY: 1 FL/-5/-/-R/
Scale = .1875"/Ft.

QTY:1 FL/-/5/-/-/R/-

Scale = .1875"/Ft.



ALPINE

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

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 TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS DESIGNER'S COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF THIS (NATIONAL DESIGN SPEC. BY AIA/AIA) AND TPI. ALPINE ENGINEERING PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO FOLLOW THE DESIGN. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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 CONCEPT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE DESIGNER.

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

(A) Continuous lateral bracing equally spaced on member.

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

The overall height of this truss excluding overhang is 10-2-4.



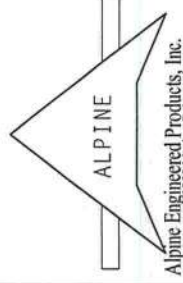
PLT TYP. Wave

0.0918 0.0918 QTY:1 FL/-/5/-/-/R/-

WARNING *RUSSIES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSC 1-303 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'NEAR DR., SUITE 200, MADISON, WI 53719), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 OVERSEAS INTERSTATE, IN. 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 COMPLIANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN, WORKMANSHIP, OR PROVIDING TRUSS (OR OTHER) SPEC. BY AFAPA AND TPI.

CORRECTOR PLATES ARE MADE OF 7075-T6 ALUMINUM, 1/4" THICK, 12" WIDE, 12" LONG, AND 2" HIGH. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 6600-2, 6600-3, 6600-4, 6600-5, 6600-6, 6600-7, 6600-8, 6600-9, 6600-10, 6600-11, 6600-12, 6600-13, 6600-14, 6600-15, 6600-16, 6600-17, 6600-18, 6600-19, 6600-20, 6600-21, 6600-22, 6600-23, 6600-24, 6600-25, 6600-26, 6600-27, 6600-28, 6600-29, 6600-30, 6600-31, 6600-32, 6600-33, 6600-34, 6600-35, 6600-36, 6600-37, 6600-38, 6600-39, 6600-40, 6600-41, 6600-42, 6600-43, 6600-44, 6600-45, 6600-46, 6600-47, 6600-48, 6600-49, 6600-50, 6600-51, 6600-52, 6600-53, 6600-54, 6600-55, 6600-56, 6600-57, 6600-58, 6600-59, 6600-60, 6600-61, 6600-62, 6600-63, 6600-64, 6600-65, 6600-66, 6600-67, 6600-68, 6600-69, 6600-70, 6600-71, 6600-72, 6600-73, 6600-74, 6600-75, 6600-76, 6600-77, 6600-78, 6600-79, 6600-80, 6600-81, 6600-82, 6600-83, 6600-84, 6600-85, 6600-86, 6600-87, 6600-88, 6600-89, 6600-90, 6600-91, 6600-92, 6600-93, 6600-94, 6600-95, 6600-96, 6600-97, 6600-98, 6600-99, 6600-100, 6600-101, 6600-102, 6600-103, 6600-104, 6600-105, 6600-106, 6600-107, 6600-108, 6600-109, 6600-110, 6600-111, 6600-112, 6600-113, 6600-114, 6600-115, 6600-116, 6600-117, 6600-118, 6600-119, 6600-120, 6600-121, 6600-122, 6600-123, 6600-124, 6600-125, 6600-126, 6600-127, 6600-128, 6600-129, 6600-130, 6600-131, 6600-132, 6600-133, 6600-134, 6600-135, 6600-136, 6600-137, 6600-138, 6600-139, 6600-140, 6600-141, 6600-142, 6600-143, 6600-144, 6600-145, 6600-146, 6600-147, 6600-148, 6600-149, 6600-150, 6600-151, 6600-152, 6600-153, 6600-154, 6600-155, 6600-156, 6600-157, 6600-158, 6600-159, 6600-160, 6600-161, 6600-162, 6600-163, 6600-164, 6600-165, 6600-166, 6600-167, 6600-168, 6600-169, 6600-170, 6600-171, 6600-172, 6600-173, 6600-174, 6600-175, 6600-176, 6600-177, 6600-178, 6600-179, 6600-180, 6600-181, 6600-182, 6600-183, 6600-184, 6600-185, 6600-186, 6600-187, 6600-188, 6600-189, 6600-190, 6600-191, 6600-192, 6600-193, 6600-194, 6600-195, 6600-196, 6600-197, 6600-198, 6600-199, 6600-200, 6600-201, 6600-202, 6600-203, 6600-204, 6600-205, 6600-206, 6600-207, 6600-208, 6600-209, 6600-210, 6600-211, 6600-212, 6600-213, 6600-214, 6600-215, 6600-216, 6600-217, 6600-218, 6600-219, 6600-220, 6600-221, 6600-222, 6600-223, 6600-224, 6600-225, 6600-226, 6600-227, 6600-228, 6600-229, 6600-230, 6600-231, 6600-232, 6600-233, 6600-234, 6600-235, 6600-236, 6600-237, 6600-238, 6600-239, 6600-240, 6600-241, 6600-242, 6600-243, 6600-244, 6600-245, 6600-246, 6600-247, 6600-248, 6600-249, 6600-250, 6600-251, 6600-252, 6600-253, 6600-254, 6600-255, 6600-256, 6600-257, 6600-258, 6600-259, 6600-260, 6600-261, 6600-262, 6600-263, 6600-264, 6600-265, 6600-266, 6600-267, 6600-268, 6600-269, 6600-270, 6600-271, 6600-272, 6600-273, 6600-274, 6600-275, 6600-276, 6600-277, 6600-278, 6600-279, 6600-280, 6600-281, 6600-282, 6600-283, 6600-284, 6600-285, 6600-286, 6600-287, 6600-288, 6600-289, 6600-290, 6600-291, 6600-292, 6600-293, 6600-294, 6600-295, 6600-296, 6600-297, 6600-298, 6600-299, 6600-300, 6600-301, 6600-302, 6600-303, 6600-304, 6600-305, 6600-306, 6600-307, 6600-308, 6600-309, 6600-310, 6600-311, 6600-312, 6600-313, 6600-314, 6600-315, 6600-316, 6600-317, 6600-318, 6600-319, 6600-320, 6600-321, 6600-322, 6600-323, 6600-324, 6600-325, 6600-326, 6600-327, 6600-328, 6600-329, 6600-330, 6600-331, 6600-332, 6600-333, 6600-334, 6600-335, 6600-336, 6600-337, 6600-338, 6600-339, 6600-340, 6600-341, 6600-342, 6600-343, 6600-344, 6600-345, 6600-346, 6600-347, 6600-348, 6600-349, 6600-350, 6600-351, 6600-352, 6600-353, 6600-354, 6600-355, 6600-356, 6600-357, 6600-358, 6600-359, 6600-360, 6600-361, 6600-362, 6600-363, 6600-364, 6600-365, 6600-366, 6600-367, 6600-368, 6600-369, 6600-370, 6600-371, 6600-372, 6600-373, 6600-374, 6600-375, 6600-376, 6600-377, 6600-378, 6600-379, 6600-380, 6600-381, 6600-382, 6600-383, 6600-384, 6600-385, 6600-386, 6600-387, 6600-388, 6600-389, 6600-390, 6600-391, 6600-392, 6600-393, 6600-394, 6600-395, 6600-396, 6600-397, 6600-398, 6600-399, 6600-400, 6600-401, 6600-402, 6600-403,



1930 Maney Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

SPACING 24.0"

JREF- 1SR0215_Z02

(2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - D8)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

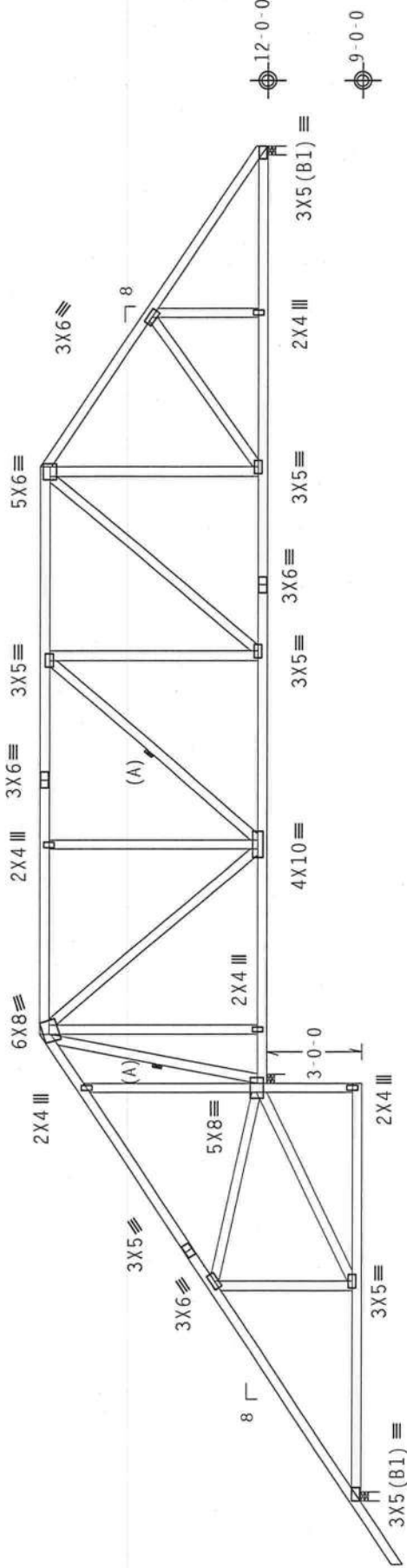
(A) Continuous lateral bracing equally spaced on member.

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

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

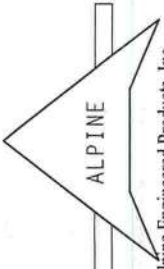
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 10-2-4.



12-0-0
13-3-12
14-8-11
13-2-0
18-0-10
29-10-0
10-2-11
R-488 U=180 W=3.5"
R-2090 U=204 W=3.5"
R-1173 U=180 W=3.5"

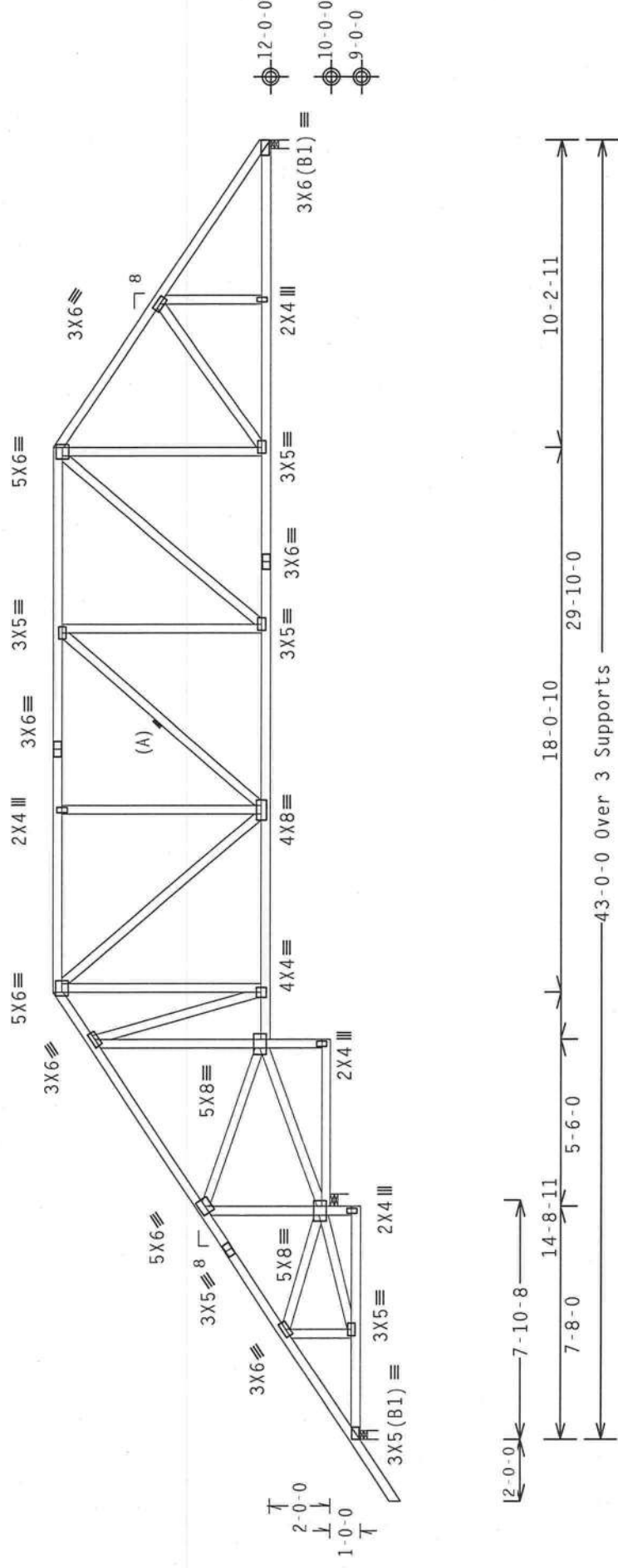
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/R/-	Scale = .1875"/Ft.
 Alpine Engineered Products, Inc. 1950 N. Highway 1 Haines City, FL 33844 FL Certificate of Authorization # 567	TC LL	20.0 PSF	REF R215-- 7360
	TC DL	10.0 PSF	DATE 10/28/05
	BC DL	10.0 PSF	DRW HCUSR215 05301034
	BC LL	0.0 PSF	HC-ENG EC/WHK
	TOT.LD.	40.0 PSF	SEQN- 90956
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1SR0215_202

Top	chord	2x4	SP	#2	N
Bot	chord	2x4	SP	#2	N
	webs	2x4	SP	#2	N

(A) Continuous lateral bracing equally spaced on member.
Deflection meets L/240 live and L/180 total load.
The overall height of this truss excluding overhang is 1

In lieu of structural panels use purlins to brace all flat TC
24" OC.
Plates sized for a minimum of 3.00 sq.in./piece.

 $R=1400 \quad H=180 \quad W=3.5''$

Scale = 1875" / Ft.



ALPINE
Alpine Engineered Products, Inc.
 1930 Marley Drive
 Haines City, FL 33844
 FL Certificate of Authorization # 567

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERS TRUSS COMPANY 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, JOIST CONNECTIONS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TP1, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL TRUSSES SHALL BE BUILT TO MEET THE FOLLOWING REQUIREMENTS: ALL TRUSS CHORD MEMBERS SHALL BE MADE OF STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP1-2002 SEC.3. A SEAL ON THE BOTTOM INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED BY ALPINE ENGINEERS TRUSS COMPANY. (2) THIS DOCUMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX TP1-1 SEC. 2.

REF	R215--7362
DATE	10/28/05
DRW	HCUSR215 05301010
HC-ENG	EC/WHK
SEQN-	90973
FROM	CDM
JREF-	1SR0215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.

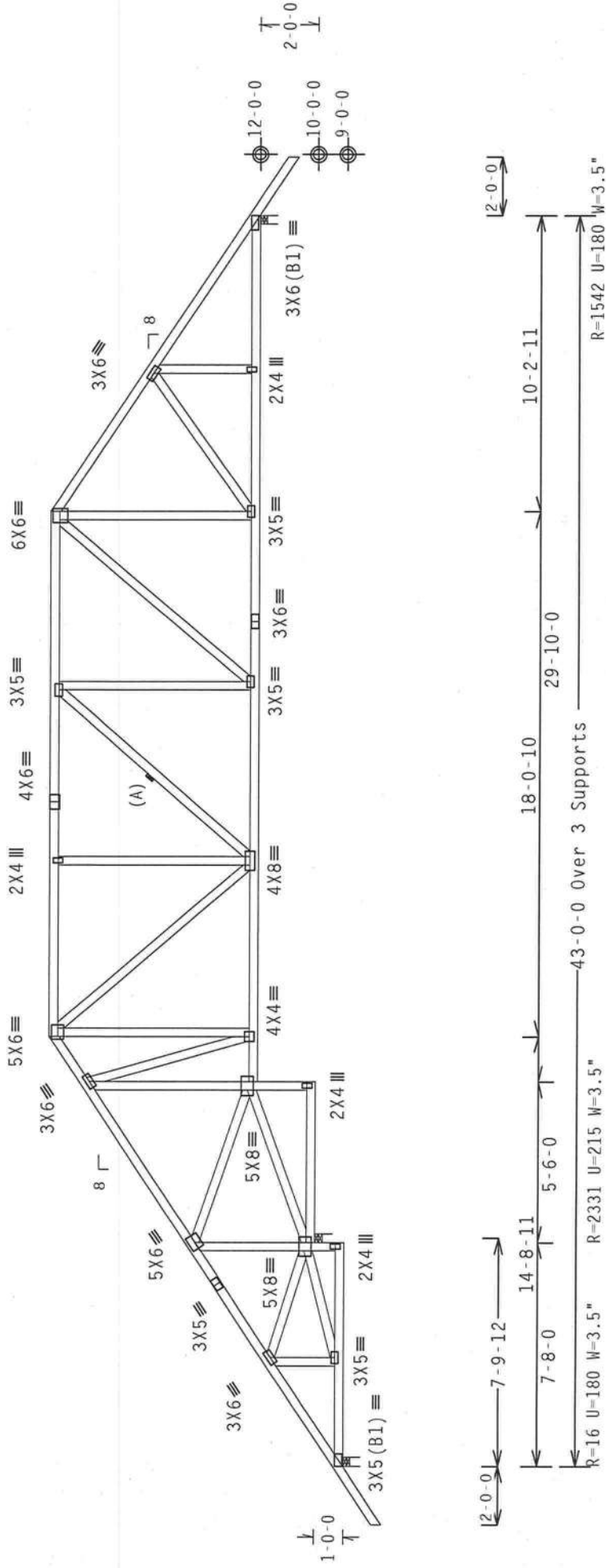
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 10-2-4.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: TPI-2002(STD)/FBC

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

7.20.0918

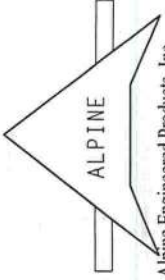
QTY:1

FL/-/5/-/-/R/-

Scale =.1875"/Ft.

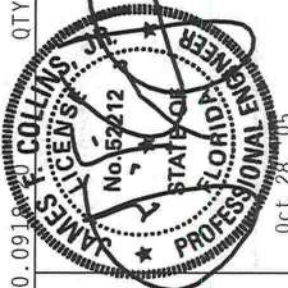
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORVILLE DR., SUITE 200, MADISON, WI 53719) AND NTEA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURN OVER A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO BUILDING OR TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 20/18/16GA (W-H/S/K) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-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 SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

PLT TYP. Wave



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

REF	R215-- 7363
DATE	10/28/05
DRW	HCUSR215 05301033
HC-ENG	EC/WHK
SEQN	90969
FROM	CDM
JREF	1SR0215_Z02

(2844--/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - D13)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.

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

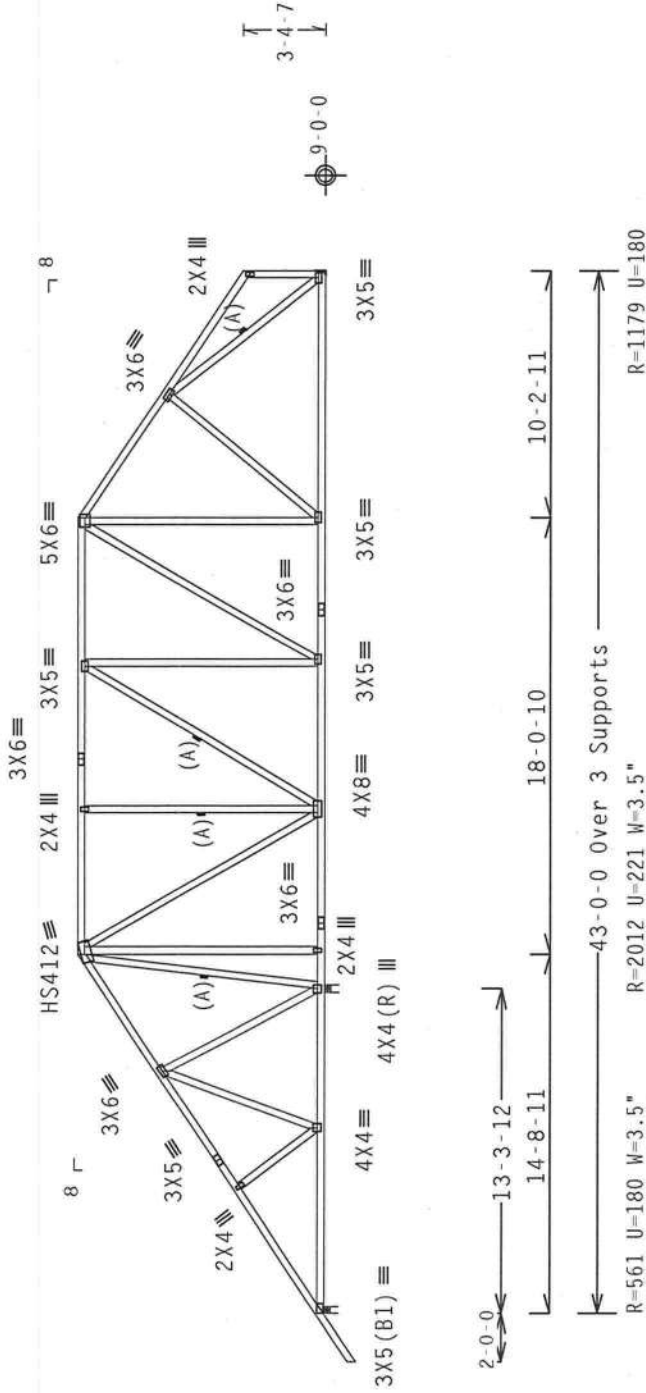
The overall height of this truss excluding overhang is 10-2-4.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. 20 Gauge HS,Wave

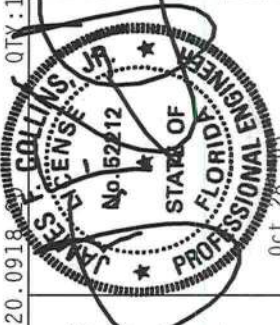
Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-
Scale =.125"/Ft.
REF R215-- 7365
DATE 10/28/05
DRW HCUSR215 05301018
HC-ENG EC/WHK
SEQN- 90940
FROM CDM
JREF- 1SR0215_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, 583 D'ONOFREO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, FOR 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 ENGINEERING PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/S/P) ASTM A553 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 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.



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

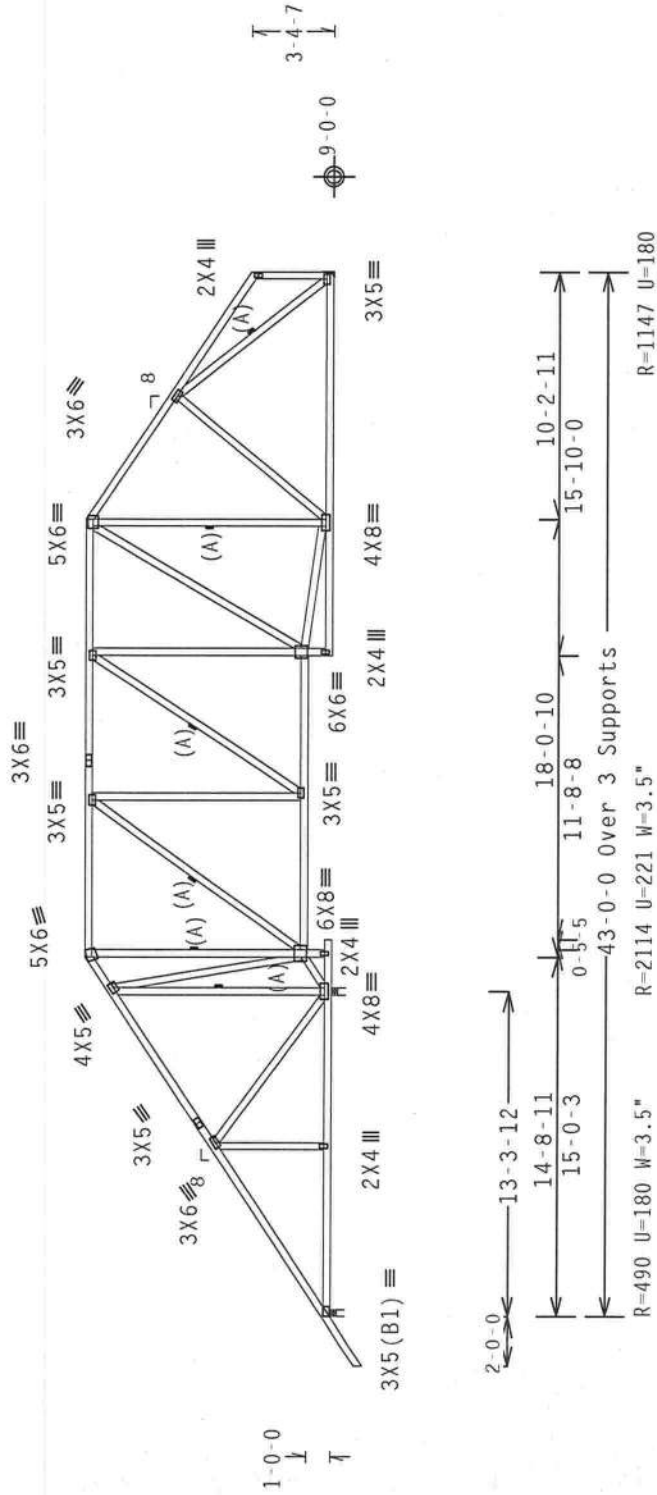
Right end vertical not exposed to wind pressure.

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

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

The overall height of this truss excluding overhang is 10-2-4.

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: TPI-2002(STD)/FBC

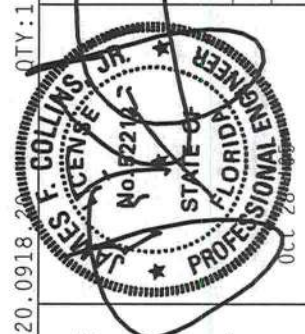
PLT TYP. Wave

QTY:1 FL/-/5/-/-/R/-

Scale = .125"/Ft.

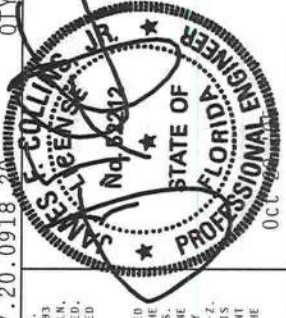
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-01 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 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 OR TO BRACE IT PROPERLY SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2010 INTERNATIONAL BUILDING CODE (IBC) AND THE 2010 INTERNATIONAL RESIDENTIAL CODE (IRC). CORRELATOR PLATES ARE MADE OF 20/18/16GA (20/18/16) ASTM A653 GRADE 40/50 (40/50) GALVALUME STEEL. ADAPTED PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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

REF	R215-- 7366
DATE	10/28/05
DRW	HCUSR215 05301017
HC-ENG	EC/WHK
SEQN	90934
FROM	CDM
JREF	1SR0215_Z02



Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N :W3 2x6 SP #2 N:

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

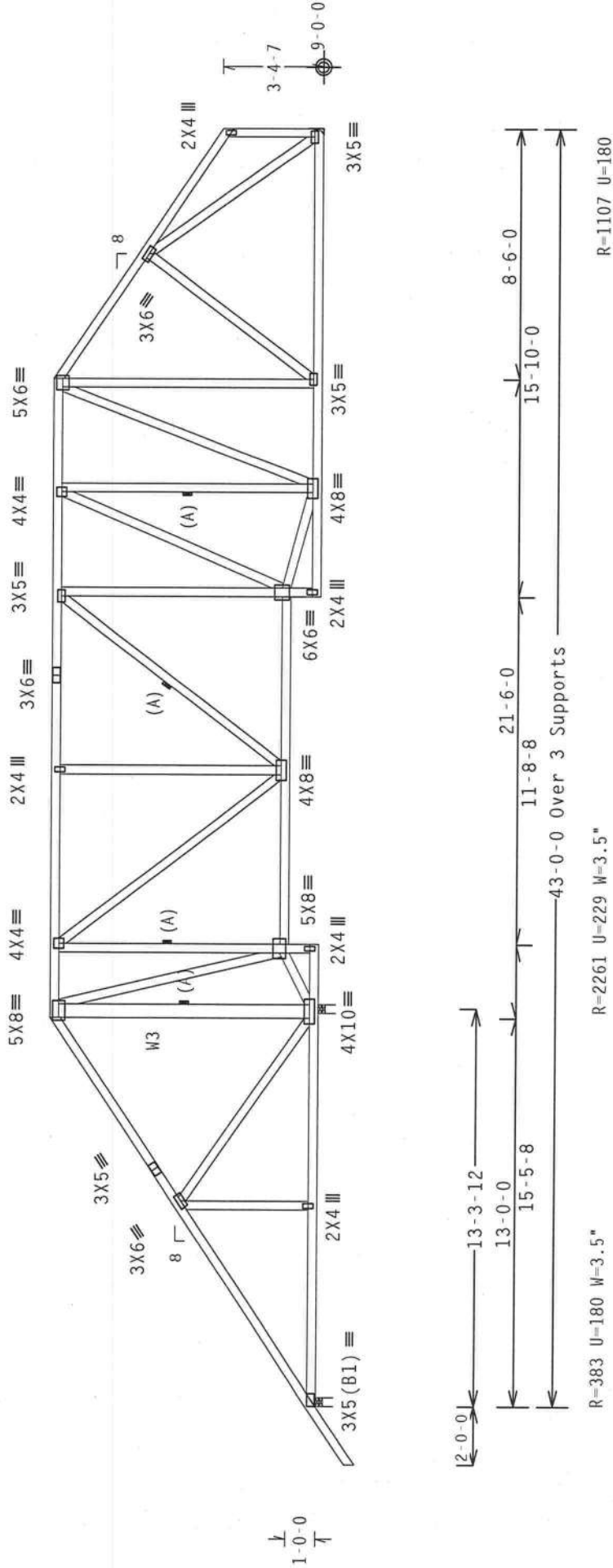
Right end vertical not exposed to wind pressure.

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

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

The overall height of this truss excluding overhang is 9-0-7.

Plates sized for a minimum of 3.00 sq.in./piece.



R=383 U=180 W=3.5"

R=2261 U=229 W=3.5"

R=1107 U=180

PLT TYP. Wave

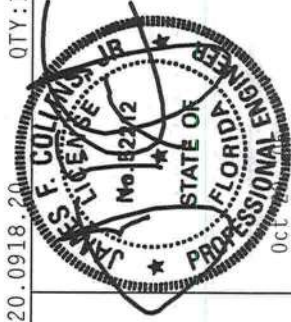
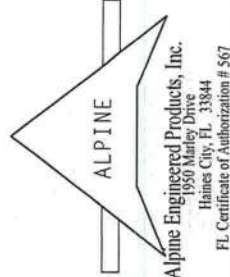
Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.20.0918.20

Scale = .1875"/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, 503 W. OREGON DR., SUITE 200, MADISON, WI 53719) AND MICA (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 THE DESIGN OR CONSTRUCTION OF THE TRUSS OR FOR THE FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING OR BRACING THE TRUSS. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISI NATIONAL DESIGN SPEC. BY AEPAS) GALV. STEEL CONNECTOR PLATES ARE MADE OF 2018/16GA (4-N/5/8) ASTM A653 GRADE 40/60 (40 KSI) GALV. STEEL. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL OR 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.



QTY:1	FL/-/5/-/-/R/-	Scale = .1875"/Ft.
TC LL	20.0 PSF	REF R215-- 7368
TC DL	10.0 PSF	DATE 10/28/05
BC DL	10.0 PSF	DRW HCUSR215 05301015
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	40.0 PSF	SEQN- 90905
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF- 1SR0215_Z02

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

(A) Continuous lateral bracing equally spaced on member.

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

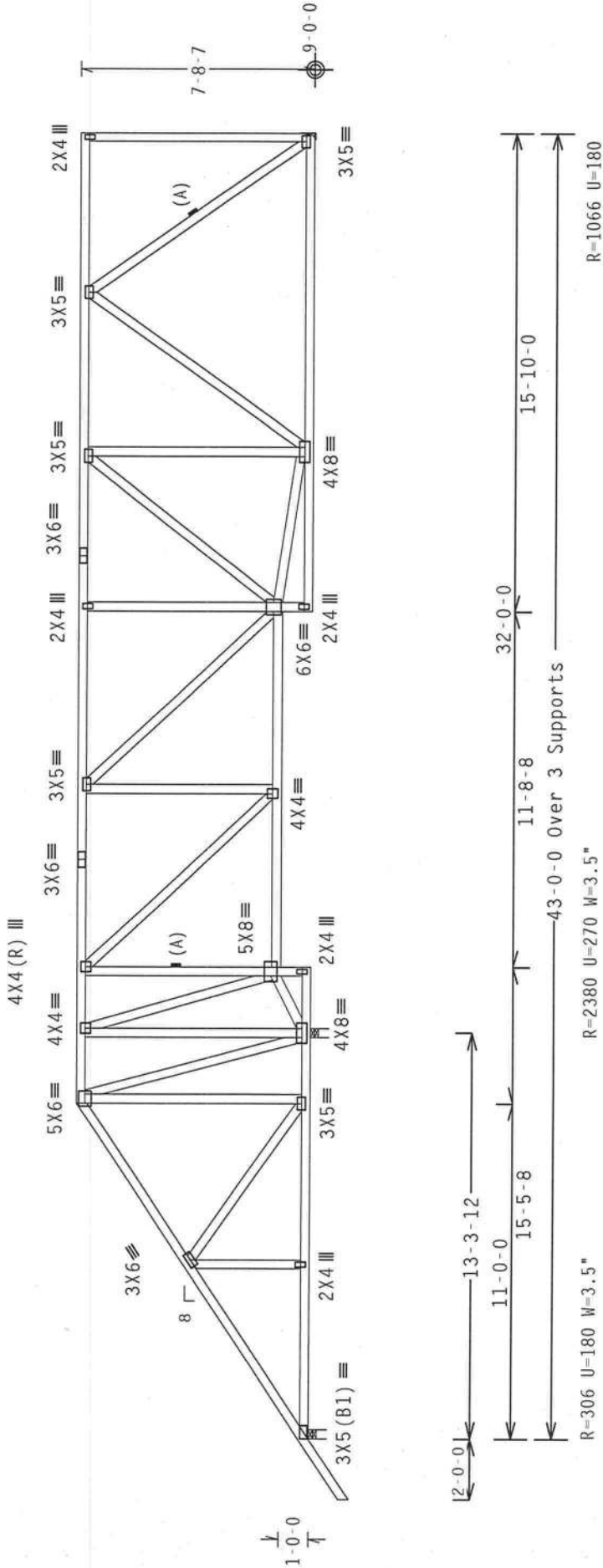
The overall height of this truss excluding overhang is 7-8-7.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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

Plates sized for a minimum of 3.00 sq.in./piece.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	QTY:1	FL/-/5/-/-/R/-	Scale = .1875"/Ft.
	TC LL	20.0 PSF	REF R215-- 7369
	TC DL	10.0 PSF	DATE 10/28/05
	BC DL	10.0 PSF	DRW HCUR215 05301007
	BC LL	0.0 PSF	HC-ENG EC/WHK
	TOT.LD.	40.0 PSF	SEQN- 90900
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1SR0215_Z02

****WARNING**** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NATIONAL DESIGN SPEC. FOR STEEL TRUSSES AND CONNECTOR PLATES ARE MADE OF 20/18/16GA (4-10/16) ASTM A653 GRADE 40/60 (4-10/16) 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 BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

	Top chord	2x6	SP	#2	N	:T1	2x4	SP	#2	N:
	Bot chord	2x6	SP	#2	N					
	webs	2x4	SP	#2	N					

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (0.131"x3" _Gun_nails)

Nailing Schedule: (0.131"x3" - G

Top Chord: 1 Row @12.00" o.c.

Bot Chord: 1 Row @12.00" o.

Webs : 1 Row @ 4" o.c.

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

Right end vertical not exposed to wind pressure.

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

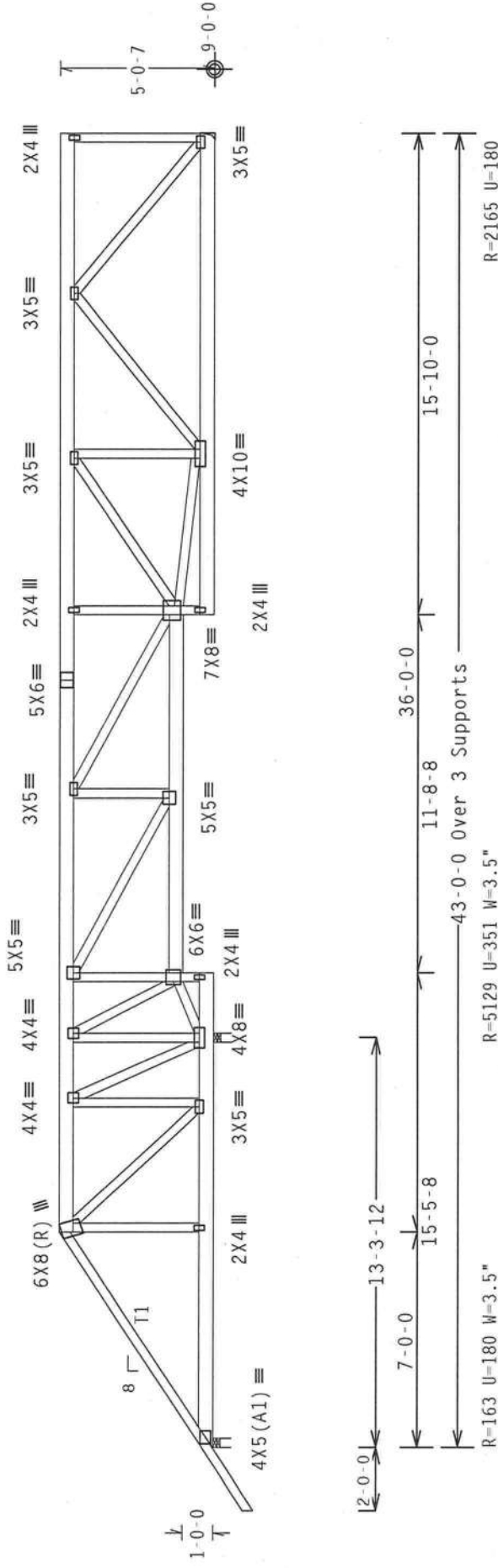
The overall height of this truss excluding overhang is 5-0-7.

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

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

#1 hip supports 7-0-0 jacks W/2 panel TC and no end vert.

Plates sized for a minimum of 3.00 sq. in./piece.



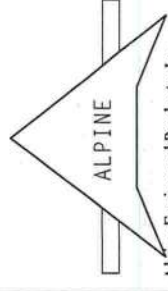
PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

QTY:1 FL/-/5/-/-/R/-/-
Scale =.1875"/Ft.

***WARNING:** RUSSSE'S REQUIRE EXTREME CARE IN FABRICATING HAND LINES. SHIPPING, INSTALLING AND BRACING REFER TO PAGES 1-33 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (STEEL PLATE INSTITUTE, 5813 D'ORPHEO DR., SUITE 200, MADISON, WI 53719), AND MECA (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 ENGINEERS
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH THE PROVISIONS OF THIS DRAWING (SPECC. BY AIAA) AND ALPINE
CONSTRUCTION COMPANY SHALL BE THE RESPONSIBILITY OF THE DESIGNER. THE TRUSS COMPONENT
CONNECTIONS MUST BE MADE TO THE TRUSS PER THE CONNECTIONS SHOWN ON THE TRUSS DRAWING.
PLAYS TO EACH FACE OF TRUSS, AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING 160A-2.
ANY EJECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TP11-2002 SEC.3.
DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT
BUILDING DESIGNER. PER ANNEX A3 OF TP11-2002 SEC.2.



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

FL Certificate of Authorization # 567

20.0918	QTY:1	FL / - / 5 / - / - / R / -	Scale = .1875" / Ft.
	TC LL	20.0 PSF	REF R215-- 7371
	TC DL	10.0 PSF	DATE 10/28/05
	BC DL	10.0 PSF	DRW HCUSR215 05301014
	BC LL	0.0 PSF	HC-ENG EC/WHK
	TOT.LD.	40.0 PSF	SEQN- 90880
	DUR.FAC.	1.25	FROM CDM
	SPACING	24.0"	JREF- 1SR0215_Z02

(2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - J1)

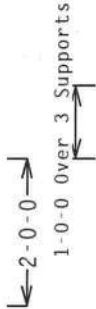
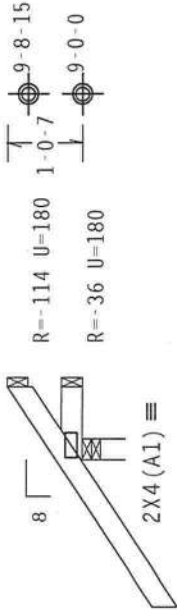
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 1-0-7.

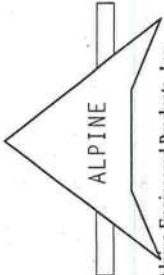
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.



R=372 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave	Cq/RT=1.00(1.25)/(10(0))	7.20.0918	QTY:1	FL/-5/-/-/R/-	Scale = .375"/Ft.		
 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 BG51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TP1 TRUSS PLATE INSTITUTE, 503 D'ONOFRIO DR., SUITE 200, MADISON, MI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. **IMPORTANT**URNISH 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 & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA) AND TP1. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA. (M/H/S/PS) ASTM A653 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER APPEN A3 OF TP11-2002 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/TP1 1 SEC. 2.			TC LL	20.0 PSF	REF	R215-- 7372
	TC DL	10.0 PSF	DATE	10/28/05			
	BC DL	10.0 PSF	DRW	HCUSR215 05301025			
	BC LL	0.0 PSF	HC-ENG	EC/WHK			
	TOT.LD.	40.0 PSF	SEQN	101485			
	DUR.FAC.	1.25	FROM	CDM			
SPACING	24.0"	JREF	1SR0215_Z02				

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND MTCA (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 ASSUMES NO RESPONSIBILITY FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO CONFORMANCE WITH TPI OR MTCA REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE INSTALLER. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PS) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W-H/S/3) ASTM A653 GRADE 40/60 (W, F/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

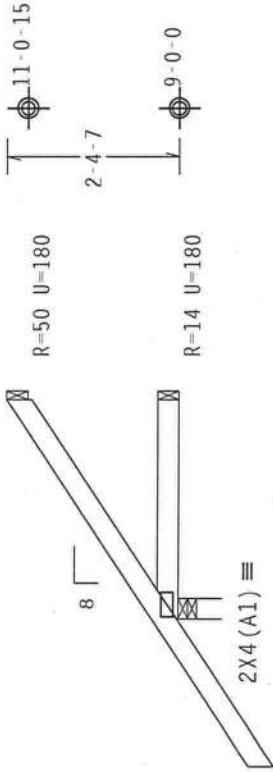
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 2-4-7.

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

Plates sized for a minimum of 3.00 sq.in./piece.



3-0-0 Over 3 Supports
R=325 U=180 W=3.5"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.20.0918.20

QTY:1

FL/-/5/-/-/R/-

Scale = .375"/Ft.

 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 BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 MADISON, SUITE 200, MADISON, WI 53710) AND AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC., 500 N. MICHIGAN, CHICAGO, IL 60610) FOR MORE INFORMATION. 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 AISC (NATIONAL DESIGN SPEC, BY AISC) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (4-H/5/8) ASTM A653 GRADE 40/60 (4, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		TC LL	20.0 PSF	REF	R215--	7373
			TC DL	10.0 PSF	DATE	10/28/05			
			BC DL	10.0 PSF	DRW	HCUSR215	05301023		
			BC LL	0.0 PSF	HC-ENG	EC/WHK			
			TOT.LD.	40.0 PSF	SEQN	90848			
		DUR.FAC.	1.25	FROM	CDM				
		SPACING	24.0"	JREF	1SR0215_Z02				



(2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - J5)

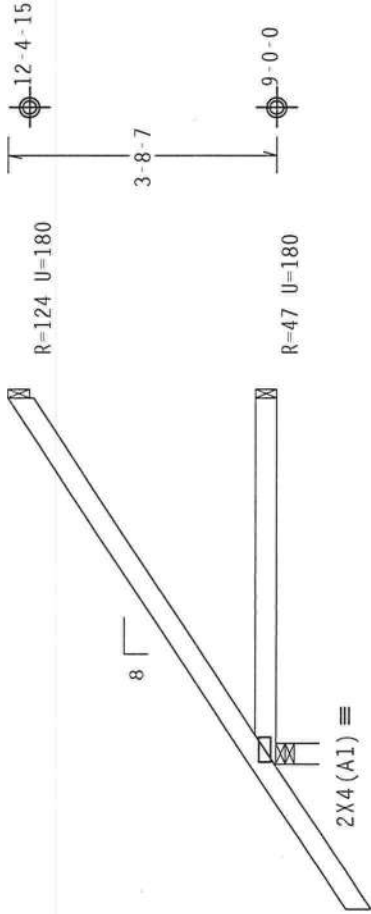
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 3-8-7.

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

Plates sized for a minimum of 3.00 sq.in./piece.



←-2-0-0→

←-5-0-0 Over 3 Supports →

R=387 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

7.20.0918

QTY:1

FL/-5/-/-/R/-

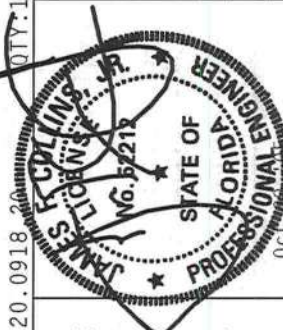
Scale = .375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFREO DR., SUITE 200, MADISON, WI 53719) AND WTC (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL TAPERS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. THE TRUSS SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE NATIONAL DESIGN SPEC. (NDS) AND THE ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (4-1/2/5/8) ASTM A653 GRADE 40/60 (4, 4-1/2, 5) 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 THE 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 AHSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1050 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



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

REF	R215-- 7374
DATE	10/28/05
DRW	HCUSR215 05301019
HC-ENG	EC/WHK
SEQN	90851
FROM	CDM
JREF	1SR0215_Z02

(2844-/Laurel Lakes Lot #8 /J.L. DUPREE --- LAKE CITY, FL - J7)

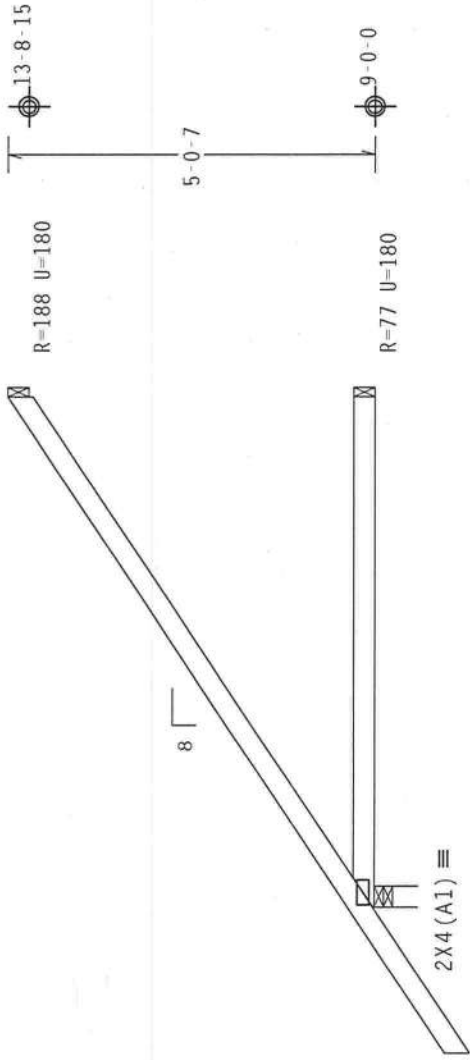
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 5-0-7.

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

Plates sized for a minimum of 3.00 sq.in./piece.



←-2-0-0-→

←-7-0-0 Over 3 Supports →
R=461 U=180 W=3.5"

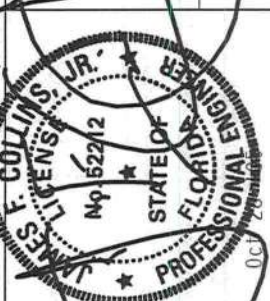
Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

QTY: 1

FL/-/5/-/-/R/-

Scale = .375"/Ft.

 ALPINE Alpine Engineered Products, Inc. 1950 Mauley Drive James City, FL 33844 FL Certificate of Authorization # 567	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO 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 BUILD TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.		REF	R215--	7375
			DATE	10/28/05	
			DRW	HCUSR215	05301026
			HC-ENG	EC/WHK	
			SEQN	90854	
			TC	LL	20.0 PSF
			TC	DL	10.0 PSF
			BC	DL	10.0 PSF
			BC	LL	0.0 PSF
			TOT	.LD.	40.0 PSF
			DUR.FAC.	1.25	
			SPACING	24.0"	
			JREF	1SR0215_Z02	

(2844-/Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - J7A)

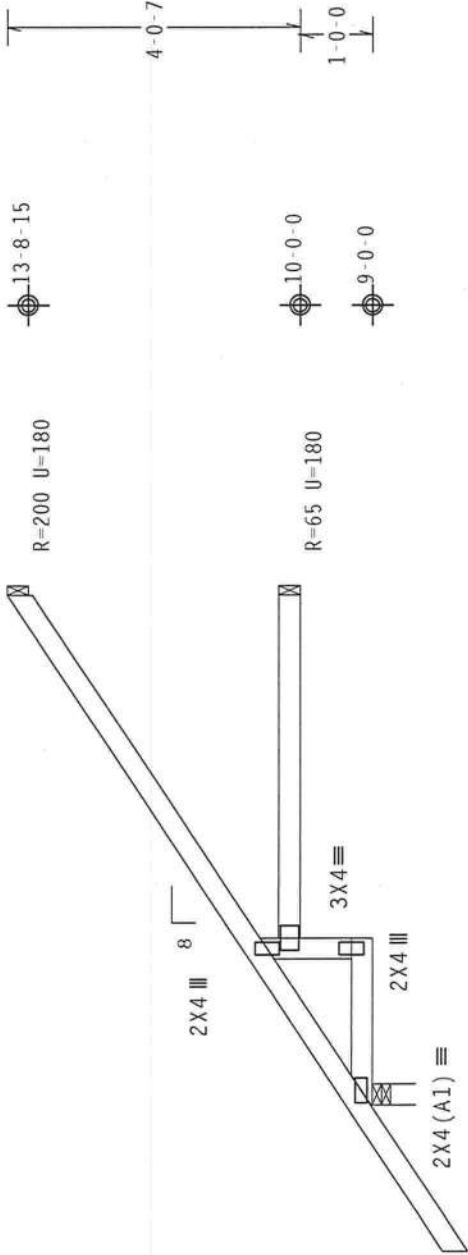
Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

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

The overall height of this truss excluding overhang is 5-0-7.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind tc DL=5.0 psf, wind BC DL=5.0 psf.

Plates sized for a minimum of 3.00 sq.in./piece.



2-0-0

2-3-8 4-8-8
7-0-0 Over 3 Supports
R=461 U=180 W=3.5"

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

7.20.0918

QTY:1

FL/-/5/-/-/R/-

Scale = .375"/Ft.

ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 Fl. Certificate of Authorization # 567	 JAMES F. COLLINS, JR. No. 52210 STATE OF FLORIDA PROFESSIONAL ENGINEER Oct 26, 2009	**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 MADISON DR., SUITE 200, MADISON, WI 53719), AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN, DUNFRIES, 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.		TC LL	20.0 PSF	REF	R215--	7376
		TC DL	10.0 PSF	DATE	10/28/05			
		BC DL	10.0 PSF	DRW	HCUSR215	05301029		
		BC LL	0.0 PSF	HC-ENG	EC/WHK			
		TOT.LD.	40.0 PSF	SEQN	-	90865		
		DUR.FAC.		1.25	FROM	CDM		
		SPACING		24.0"	JREF	-	1SR0215_Z02	

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # S67

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

Plates sized for a minimum of 3.00 sq.in./piece.

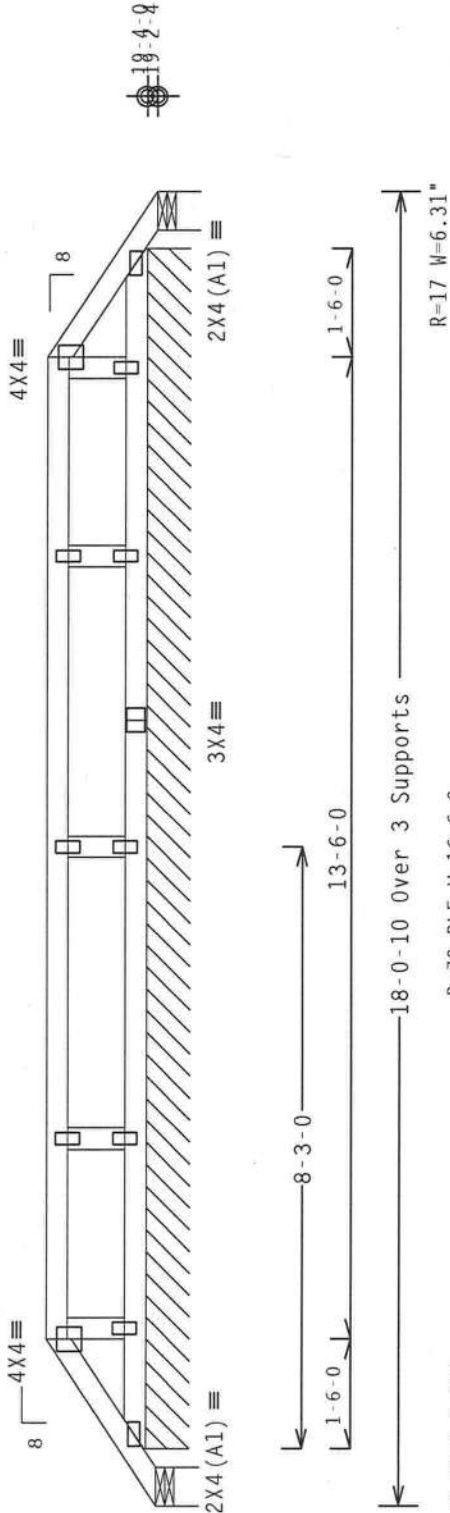
REFER TO DRAWING PIGBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE
BRACED @ 24" O.C.

110 mph wind, 20.61 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=1.2 psf.

In lieu of structural panels or rigid ceiling use purlins to
brace all flat TC @ 24" OC, all BC @ 24" OC.

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

The overall height of this truss excluding overhang is 1-6-3.



R=17 W=6.31"

R=70 PLF W=16-6-0

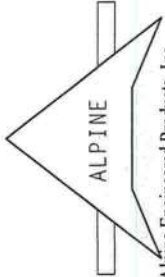
Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

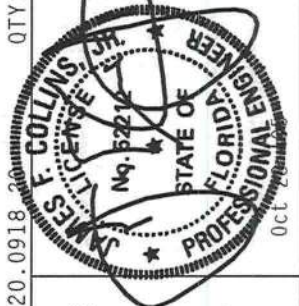
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'CONNOR DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUSS IN CONFORMANCE WITH TPI'S OR FABRICATING HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFAPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/40 (W. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 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 Engineered Products, Inc.
1950 Mable Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

QTY:1	FL/-/5/-/-/R/-	Scale = .375" /Ft.
TC LL	20.0 PSF	REF R215-- 7379
TC DL	10.0 PSF	DATE 10/28/05
BC DL	2.0 PSF	DRW HCUSR215 05301027
BC LL	0.0 PSF	HC-ENG EC/WHK
TOT.LD.	32.0 PSF	SEQN 90993
DUR.FAC.	1.25	FROM CDM
SPACING	24.0"	JREF - 1SR0215_Z02



(2844-Laurel Lakes Lot #8 /J.L. DUPREE -- LAKE CITY, FL - PBD4)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

In lieu of structural panels or rigid ceiling use purlins to
brace all flat TC @ 24" OC, all BC @ 24" OC.

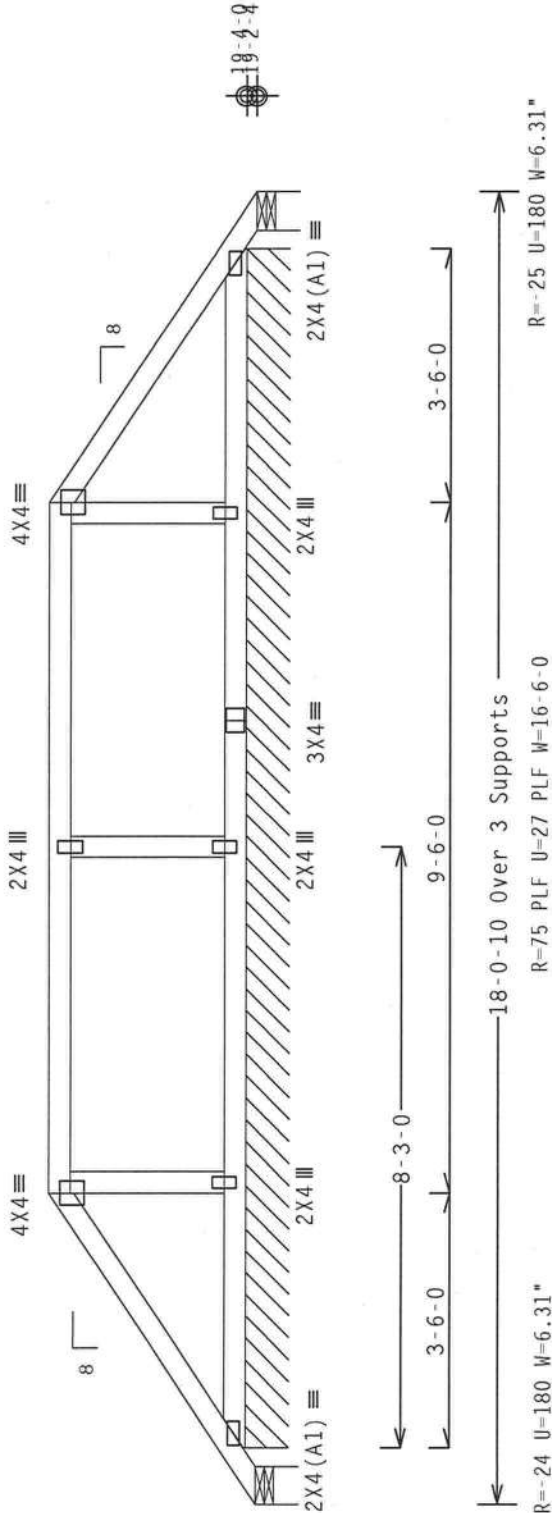
The overall height of this truss excluding overhang is 2-10-3.

REFER TO DRAWING PIGBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE
BRACED @ 24" O.C.

110 mph wind, 20.61 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DL=5.0 psf, wind BC DL=1.2 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

7.20.0918

QTY:1

FL/-/5/-/R/-

Scale = .375" / Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Major Dr.
Haines City, FL 33844

FL Certificate of Authorization # 567

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR 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 AFAPA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A563 GRADE 40/60 (W, K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. 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.

JAMES F. COLANGELO JR.
No. 54212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Oct 2009

TC LL	20.0 PSF
TC DL	10.0 PSF
BC DL	2.0 PSF
BC LL	0.0 PSF
TOT.LD.	32.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R215--	7380
DATE	10/28/05	
DRW	HCUSR215	05301028
HC-ENG	EC/WHK	
SEQN	90997	
FROM	CDM	
JREF	1SR0215_Z02	

Oct 28 1987

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N
Webs 2x4 SP #2 N

In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

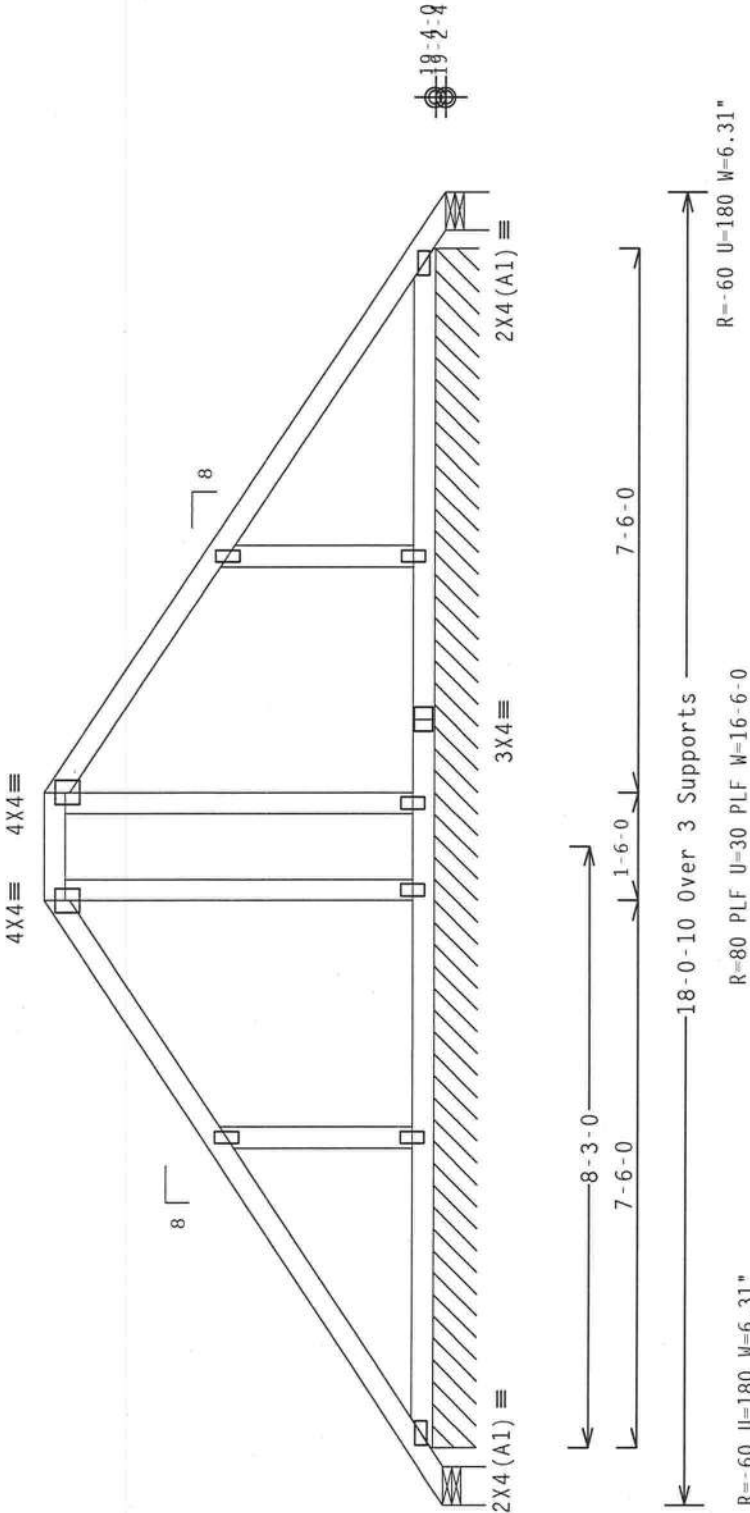
The overall height of this truss excluding overhang is 5-6-3.

REFER TO DRAWING PIGGYBACK0204 FOR PIGGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C.

110 mph wind, 21.95 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=1.2 psf.

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

Plates sized for a minimum of 3.00 sq.in./piece.



Note: All Plates Are 2X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

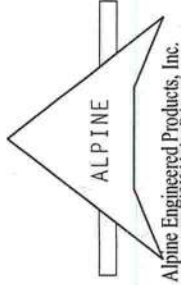
7.20.0918

QTY:1

Scale =.375"/Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MTCA (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. ALPHE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE INSTALLER SHALL BE RESPONSIBLE FOR THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE NATIONAL DESIGN SPEC. (NDS) AND THE NDS. CONNECTOR PLATES ARE MADE OF 20/18/16GA (9.4/5.5/3.5) ASTM A563 GRADE 40/60 (40/50 GALT) STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER 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.



Alpine Engineered Products, Inc.
1950 N. Highway 1
Haines City, FL 33844
FL Certificate of Authorization # 567



TC LL	20.0 PSF	FL/-/5/-/-/R/-	QTY:1	Scale =.375"/Ft.
TC DL	10.0 PSF			
BC DL	2.0 PSF			
BC LL	0.0 PSF			
TOT.LD.	32.0 PSF			
DUR.FAC.	1.25			
SPACING	24.0"			

REF	R215--	7382
DATE	10/28/05	
DRW	HCUSR215	05301030
HC-ENG	EC/WHK	
SEQN	91005	
FROM	CDM	
JREF	1SR0215_Z02	



BEARING BLOCK NAIL SPACING DETAIL

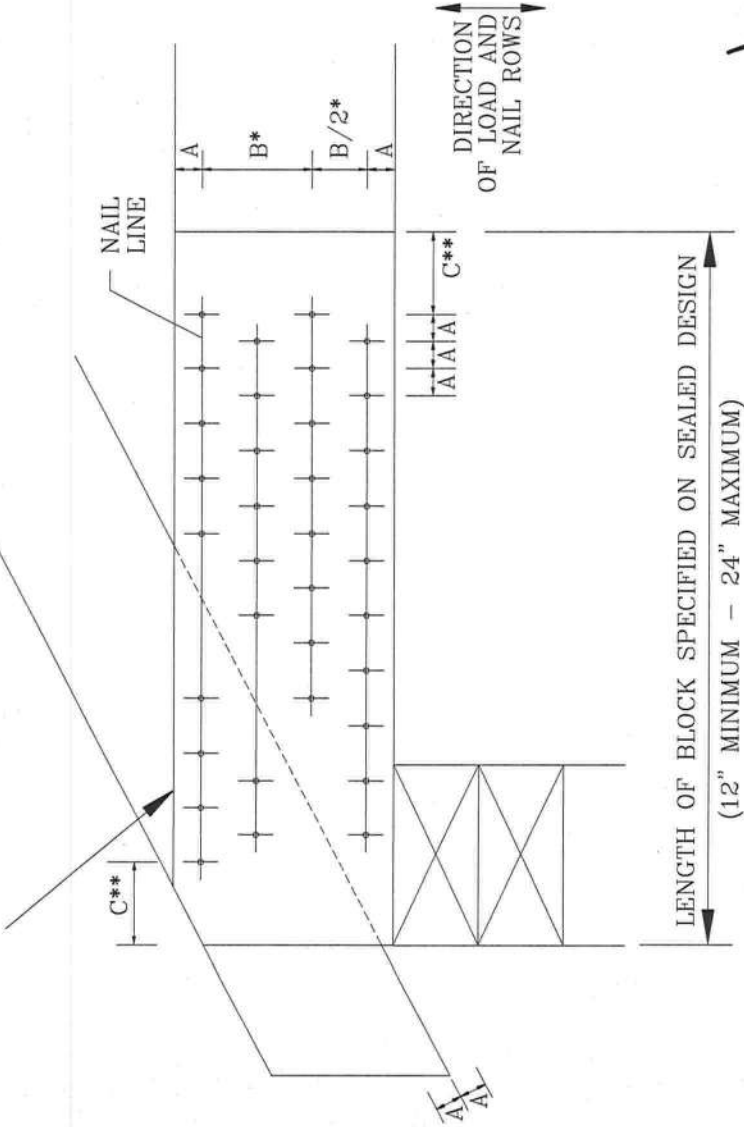
MAXIMUM NUMBER OF NAIL LINES PARALLEL TO GRAIN

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

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

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

BEARING BLOCK TO BE SAME SIZE AND SPECIES AS BOTTOM CHORD. BLOCKS MAY BE ANY GRADE WITHIN THE SPECIES, PROVIDED THE COMPRESSION PERPENDICULAR TO GRAIN VALUE (Fc-perp) IS AT LEAST THAT OF THE CHORD.



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING, AND BRACING. REFER TO BCSP 1-03 BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI OF AMERICA, INSTITUTE, 583 D'ONDREFF DR., SUITE 200, 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THIS DESIGN. THIS DESIGN IS A PRELIMINARY DESIGN TO BUILD THE TRUSS IN CONFORMANCE WITH THE FABRICATING AND BRACING REQUIREMENTS OF THE NATIONAL DESIGN SPEC. BY AFRPA) AND TPI. ALPINE CONNECTOR PLATES WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. 40/60 (W/K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (3) 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

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699

REF	BEARING BLOCK
DATE	11/26/03
DRWG	CNBRGBLK1103
-ENG	SJP/KAR



MINIMUM NAIL SPACING DISTANCES

NAIL TYPE	DISTANCES			
	A	B*	C**	
8d BOX (0.113"x2.5")	3/4"	1 3/8"	1 3/4"	
10d BOX (0.128"x3")	7/8"	1 5/8"	2"	
12d BOX (0.128"x3.25")	7/8"	1 5/8"	2"	
16d BOX (0.135"x3.5")	7/8"	1 5/8"	2 1/8"	
20d BOX (0.148"x4")	1"	1 7/8"	2 1/4"	
8d COMMON (0.131"x2.5")	7/8"	1 5/8"	2"	
10d COMMON (0.148"x3")	1"	1 7/8"	2 1/4"	
12d COMMON (0.148"x3.25")	1"	1 7/8"	2 1/4"	
16d COMMON (0.162"x3.5")	1"	2"	2 1/2"	
0.120"x2.5" GUN	3/4"	1 1/2"	1 7/8"	
0.131"x2.5" GUN	7/8"	1 5/8"	2"	
0.120"x3.0" GUN	3/4"	1 1/2"	1 7/8"	
0.131"x3.0" GUN	7/8"	1 5/8"	2"	

NAIL TYPE	CHORD SIZE				
	2X4	2X6	2X8	2X10	2X12
8d BOX (0.113"x2.5")	3	6	9	12	15
10d BOX (0.128"x3")	3	5	7	10	12
12d BOX (0.128"x3.25")	3	5	7	10	12
16d BOX (0.135"x3.5")	3	5	7	10	12
20d BOX (0.148"x4")	2	4	5	6	8
8d COMMON (0.131"x2.5")	3	5	7	10	12
10d COMMON (0.148"x3")	2	4	6	8	10
12d COMMON (0.148"x3.25")	2	4	6	8	10
16d COMMON (0.162"x3.5")	2	4	6	8	10
0.120"x2.5" GUN	3	6	8	11	14
0.131"x2.5" GUN	3	5	7	10	12
0.120"x3.0" GUN	3	6	8	11	14
0.131"x3.0" GUN	3	5	7	10	12

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

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

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

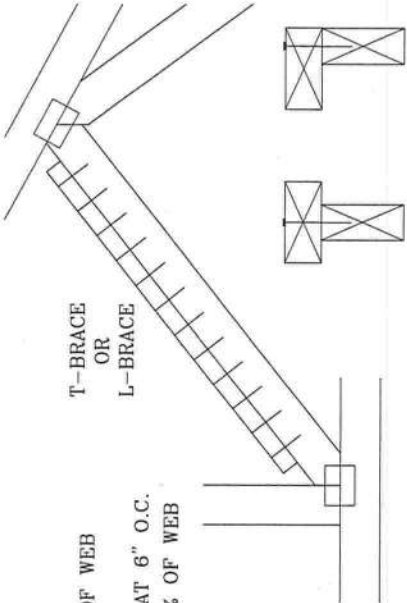
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

T-BRACING

OR

L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE
ATTACH WITH 16d NAILS AT 6" O.C.
BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH

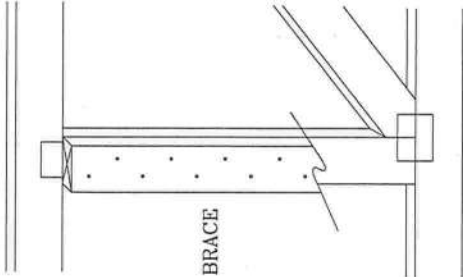


T-BRACE

L-BRACE

SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB.
NO MORE THAN (1) SCAB PER FACE.
ATTACH WITH 10d OR .128"x3" GUN NAILS AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACE



ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 D'ONOFRIO DR., SUITE 200, MADISON, VI 53719) AND VTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, VI 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANYONE WHO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA C/W/H/S/AO ASTM A653 GRADE 40/60 (W/X/H/S) 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 (I) 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 SEALING AND SIGNING OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

THIS DRAWING REPLACES DRAWING 579.640

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	11/26/03
BC DL	PSF	DRWG	BRCLBSUB1103
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

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

Rendered to:

MI WINDOWS AND DOORS, INC.

SERIES/MODEL: 740

PRODUCT TYPE: Aluminum Fixed Window

Title	Summary of Results	
	Test Specimen #1	Test Specimen #2
Rating	F-R45 48 x 48	F-R45 48 x 48
Air Infiltration	0.01 cfm/ft ²	N/A
Water Resistance Test Pressure	6.75 psf	N/A
Uniform Load Deflection Test Pressure	±70.0 psf	±70.0 psf
Uniform Load Structural Test Pressure	±105.0 psf	±105.0 psf
Forced Entry Resistance	Grade 10	N/A

Reference should be made to Report No. 56186.01-122-47 for complete test specimen description and data.

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129

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

Rendered to:

MI WINDOWS AND DOORS, INC.
P.O. Box 370
Gratz, Pennsylvania 17030-0370

Report No.: 56186.01-122-47
Revision 1: 06/29/05
Test Date: 02/22/05
And: 02/23/05
Report Date: 06/13/05
Expiration Date: 02/23/09

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Windows and Doors, Inc. to witness testing on two Series/Model 740, aluminum fixed windows at MI Windows and Doors, Inc. test facility in Elizabethville, Pennsylvania. The samples tested successfully met the performance requirements for the following ratings: Test Specimen #1: F-R45 48 x 48; Test Specimen #2: F-R45 48 x 48. Test specimen description and results are reported herein.

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

Test Specimen Description:

Series/Model: 740

Product Type: Aluminum Fixed Window

Test Specimen #1: F-R45 48 x 48

Overall Size: 4' 0" wide by 4' 0" high

Daylight Opening Size: 3' 9-1/8" wide by 3' 9-1/4" high

Test Specimen #2: F-R45 48 x 48

Overall Size: 4' 0" wide by 4' 0" high

Daylight Opening Size: 3' 9-1/8" wide by 3' 9-1/4" high

130 Derry Court
York, PA 17402-9405
phone: 717-764-7700
fax: 717-764-4129

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> F-R45 48 x 48 (Fin)			
2.1.2	Air Infiltration per ASTM E 283 1.57 psf (25 mph)	0.01 cfm/ft ²	0.30 cfm/ft ² max.

***Note #1:** The tested specimen meets (or exceeds) the performance levels specified in ANSI/AAMA/NWDA 101/I.S.2-97 for air infiltration.*

2.1.3	Water Resistance per ASTM E 547 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the jamb) (Loads were held for 52 seconds)		See Note #2
2.1.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the jamb) (Loads were held for 10 seconds)		See Note #2

***Note #2:** The client opted to start at a pressure higher than the minimum required. Those results are listed under "Optional Performance".*

2.1.8	Forced Entry Resistance per ASTM F 588		
	Type: A	Grade: 10	
	Hand and Tool Manipulation Test	No entry	No entry

Optional Performance

4.3	Water Resistance per ASTM E 547 6.75 psf	No leakage	No leakage
-----	---	------------	------------

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Test Specimen #1:</u> F-R45 48 x 48 (Fin) (Continued)			
4.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the jamb) (Loads were held for 52 seconds)		
	70.0 psf (positive)	0.06"	See Note #3
	70.0 psf (negative)	0.07"	See Note #3

***Note #3:** The Uniform Load Deflection test is not a requirement of ANSI/AAMA/NWWDA 101/I.S.2-97 for this product designation. The deflection data is recorded in this report for special code compliance and information only.*

4.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the jamb) (Loads were held for 10 seconds)		
	105.0 psf (positive)	0.04"	0.18" max.
	105.0 psf (negative)	0.05"	0.18" max.

Test Specimen #2: F-R45 48 x48 (Flange)

Optional Performance

4.4.1	Uniform Load Deflection per ASTM E 330 (Deflections reported were taken on the jamb) (Loads were held for 52 seconds)		
	70.0 psf (positive)	0.05"	See Note #3
	70.0 psf (negative)	0.05"	See Note #3
4.4.2	Uniform Load Structural per ASTM E 330 (Permanent sets reported were taken on the jamb) (Loads were held for 10 seconds)		
	105.0 psf (positive)	0.04"	0.18" max.
	105.0 psf (negative)	0.05"	0.18" 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 from the original test date. 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 approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC:

Mark A. Hess vams

Digitally Signed for: Mark A. Hess by Vicki L. McElwain

Mark A. Hess
Technician

MAH:cmd

St 2 2

Digitally Signed by: Steven M. Urich

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

Revision Log

<u>Rev. #</u>	<u>Date</u>	<u>Page(s)</u>	<u>Revision(s)</u>
0	06/13/05	N/A	Original report issue
1	06/29/05	Page 5 and Appendix A	Deleted reference to Appendix A and attached Drawings.



January 31, 2002

TO: OUR FLORIDA CUSTOMERS:

Effective February 1, 2002, the following TAMKO shingles, as manufactured at TAMKO's Tuscaloosa, Alabama, facility, comply with ASTM D-3161, Type I modified to 110 mph. Testing was conducted using four nails per shingle. These shingles also comply with Florida Building Code TAS 100 for wind driven rain.

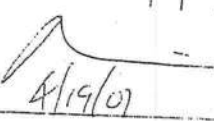
- Glass-Seal AR
- Elite Glass-Seal AR
- ASTM Heritage 30 AR (formerly ASTM Heritage 25 AR)
- Heritage 40 AR (formerly Heritage 30 AR)
- Heritage 50 AR (formerly Heritage 40 AR)

All testing was performed by Florida State certified independent labs.

Please direct all questions to TAMKO's Technical Services Department at 1-800-641-40

TAMKO Roofing Products, Inc.

2300 35th STREET P.O. BOX 2149 TUSCALOOSA, AL 35403-2149 205-752-3555 FAX 205-349-2049





BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

Ceco Door Products
9159 Telecom Drive
Milan, TN 38358

out swing

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (in Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Regent" & "Omega" 18 ga. 3'-7" Outswing Commercial Steel Door

APPROVAL DOCUMENT: Drawing No. RD0087, titled "3-0 x 7-0 Series", sheets 1 through 7 of 7, dated 5/30/97 with revision C dated 2/24/00, prepared by the manufacturer, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

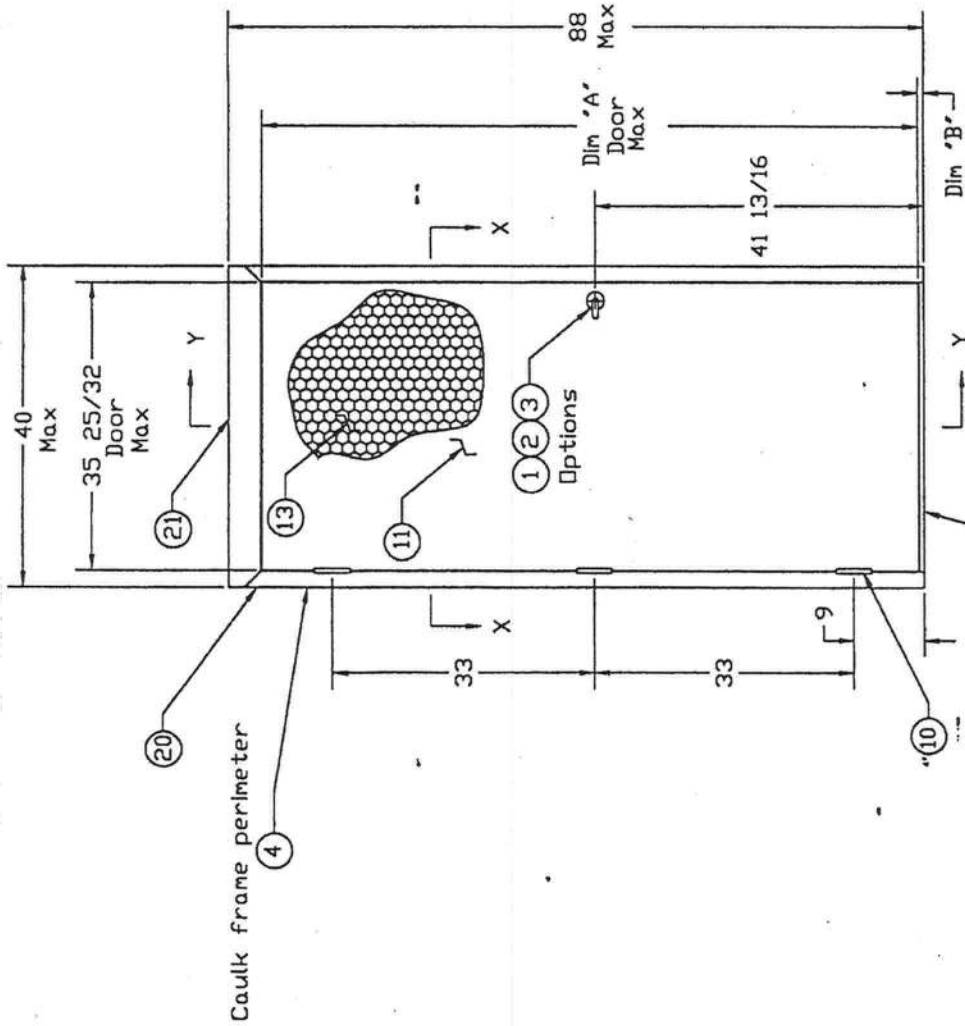
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 00-0315.03 and consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No 03-0411.01
Expiration Date August 14, 2008
Approval Date: May 15, 2003
Page 1



Design Pressure		
Tested For Water Penetration		
With Overhang	+85 psf	-60 psf
Without Overhang	+60 psf	-60 psf

	Dim 'A'	Dim 'B'
3/4' Undercut	83 1/8	3/4
3/8' Undercut	83 1/2	3/8

Sheet 2	Frame Anchor Installation
Sheet 3	Threshold Installation
Sheet 3	Weatherstrip Installation
Sheet 4	Door Latch Reinforcement
Sheet 5-6	Cross Section View
Sheet 7	Bill Of Material

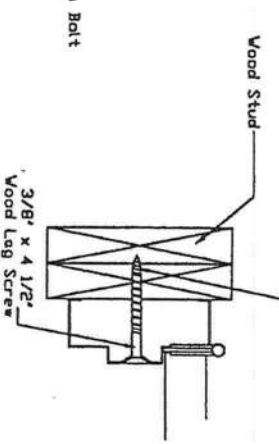
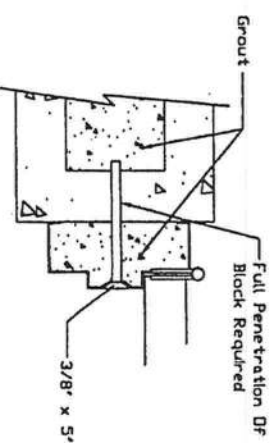
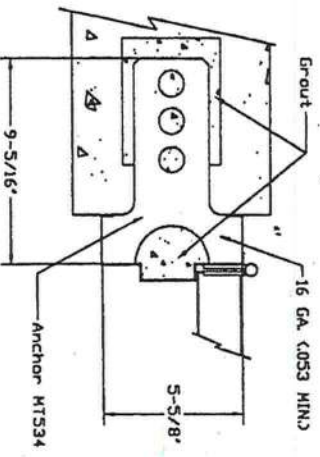
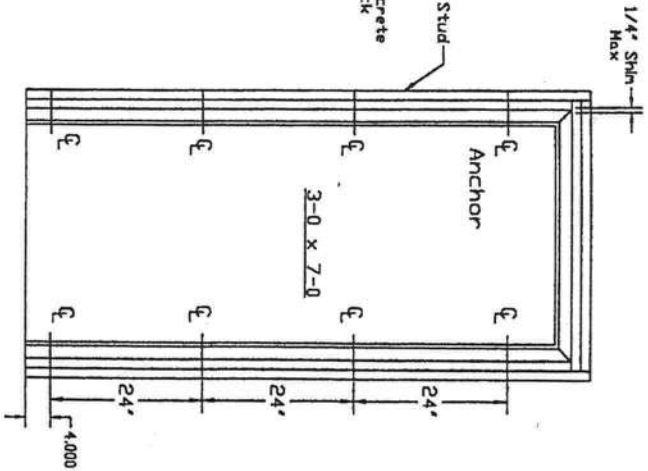
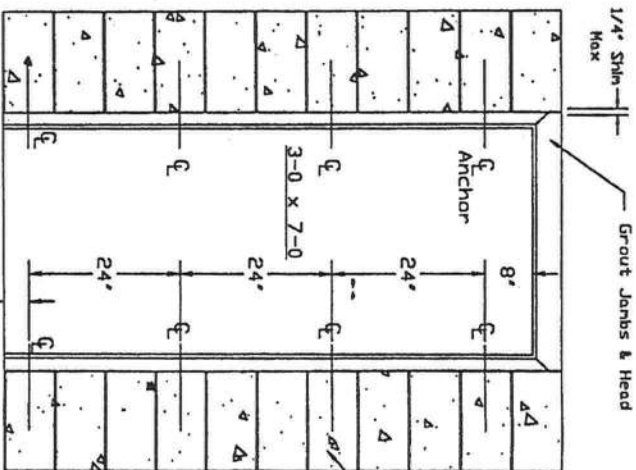
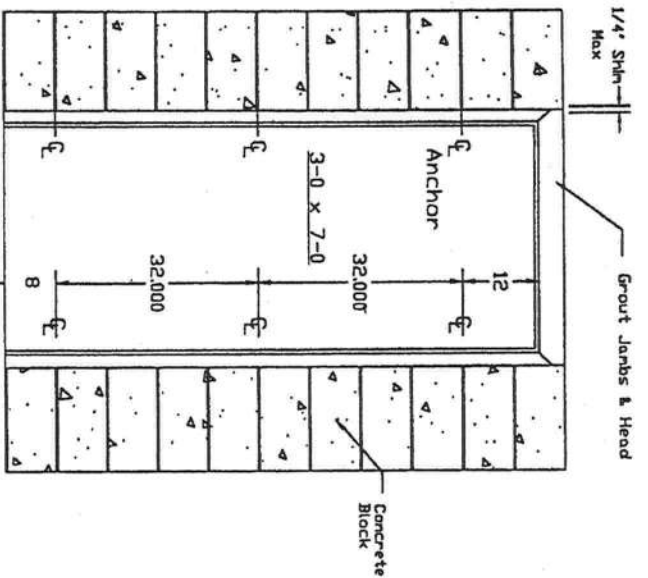
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: June 08 2008
BY: Michael J. Jurek
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 08-0411-01
Expiration Date Aug. 14, 2008
By: Michael J. Jurek
Mississippi Product Control
Division

Revised Format, Transferred Information from NOA	7/22/07
Deleted CD Drawings Revised Sheet Numbers	7/22/07
ISSUE	REVISIONS
DRAWN BY: GWS	DATE: 5/30/97
DRAWING NUMBER: RD00087	Sheet 1 of 7

3-0 x 7-0 Series
Elevation Drawing
CECO DOOR PRODUCTS
Milan, Tennessee 38358

MATERIAL SPECIFICATIONS:
Finish: Rust Inhibitive Primer



NOTES:
1. SEE SHEET 7 FOR BILL OF MATERIALS

MATERIAL SPECIFICATIONS:

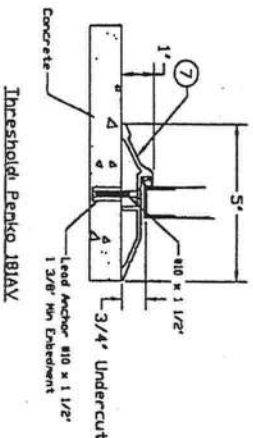
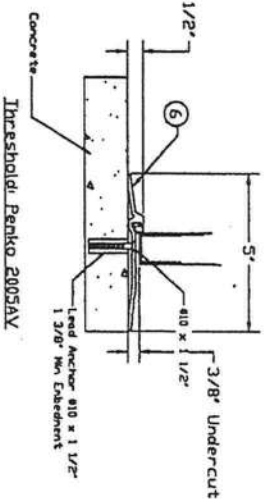
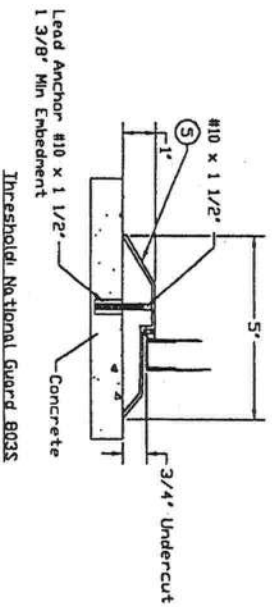
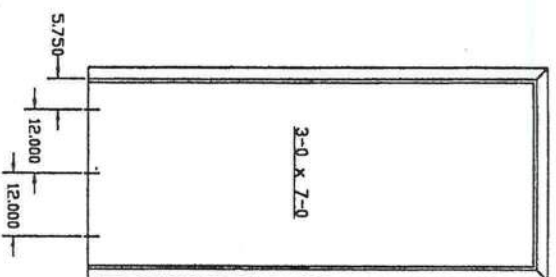
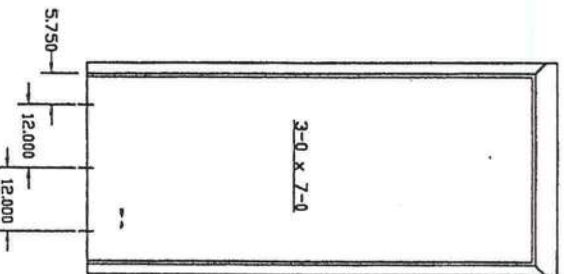
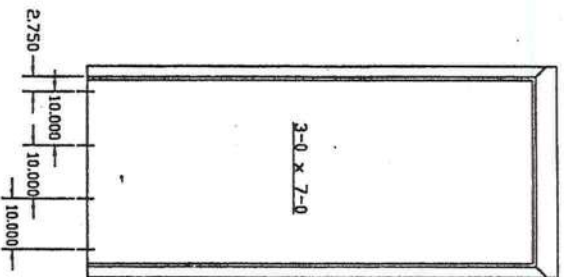
Frame Anchor
Installation Details

CECD DOOR PRODUCTS
Millen, Tennessee 38358

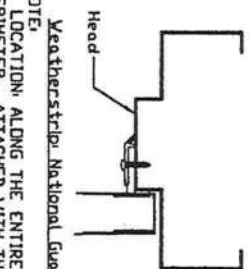
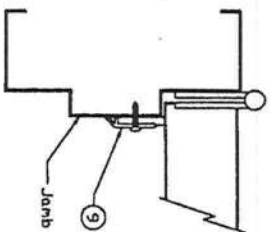
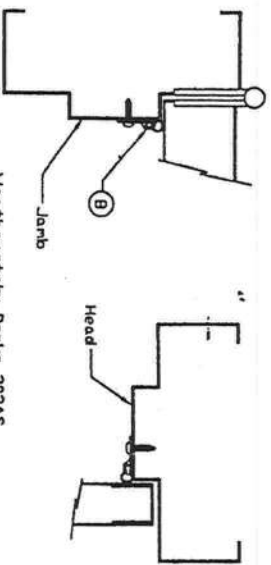
REVISIONS	
ISSUE	DATE
DRAWN BY: GWS	5/30/97
DATE: 5/30/97	
DRAWING NUMBER: RD0087	
Sheet 2 of 7	

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0411-01
Expiration Date: 06/16/2008
By: *Michael J. King*
Millen, Tennessee Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *June 08, 2000*
BY: *Michael J. King*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03



NOTE: 1. All thresholds shown are made from extruded aluminum with slide-in vinyl weatherstrip insert.



Weatherstrip: Penko 303AS
NOTE:
2. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER, ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SMS SPACED AT 6" O/C.

Weatherstrip: National Guard 130NA
NOTE:
3. LOCATION: ALONG THE ENTIRE HEAD AND JAMB PERIMETER, ATTACHED WITH THIRTY FOUR (34) #8 X 3/4" PPH SMS SPACED AT 6" O/C.

MATERIAL SPECIFICATIONS:

Threshold & Weatherstrip
Installation details

CECD DOOR PRODUCTS
Milan, Tennessee 38358

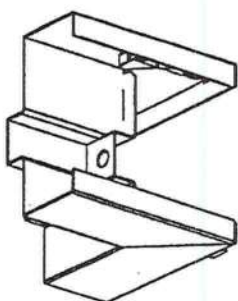
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-041-01
Expiration Date 06/16/2008
by *Milwaukee*
Milwaukee Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: 08/29/00
BY: *Milwaukee*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03

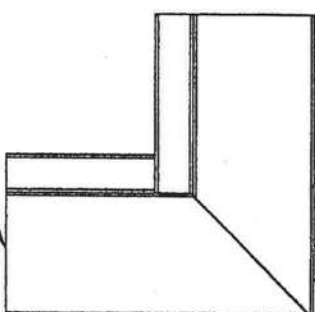
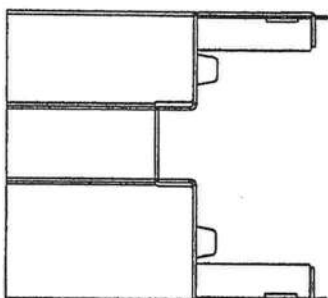
2/24/00	Revised Formet. Transferred
7/22/97	Information from NOA
7/22/97	Revised Sheet Number
ISSUE	REVISIONS
DRAWN BY: GWS	DATE: 5/30/97

RD00087
Sheet 3 of 7

NOTE: 4. See Sheet 7 For Bill of Material

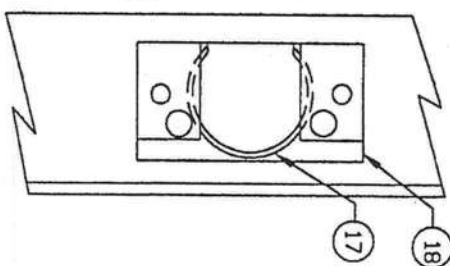
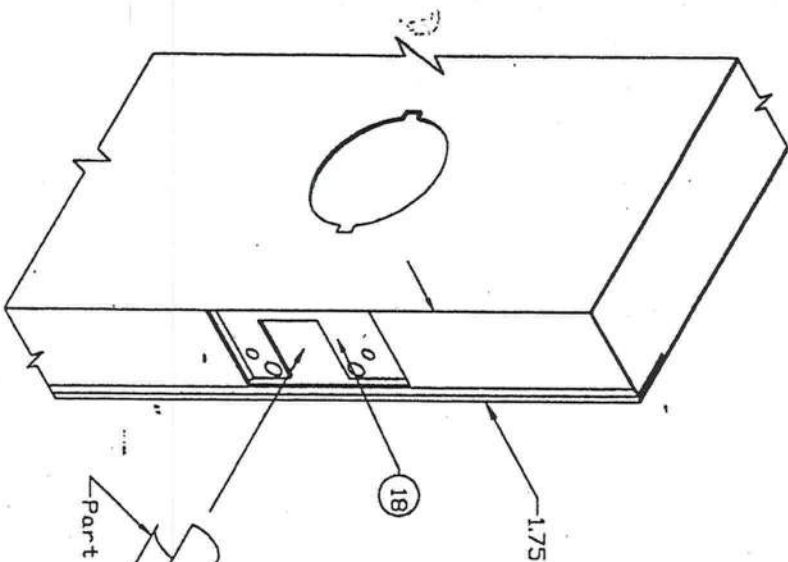


Interlocking Fold Over Tab



Frame Head

Frame Jamb



Part No. 7000340

Note: 1. For Cylindrical Lock Only
2. See Sheet 7 For Bill Of Material

MATERIAL SPECIFICATIONS:

Cylindrical Lock Reinforcement
and "SF" Series Frame Corner
Installation Details



Milan, Tennessee 38358

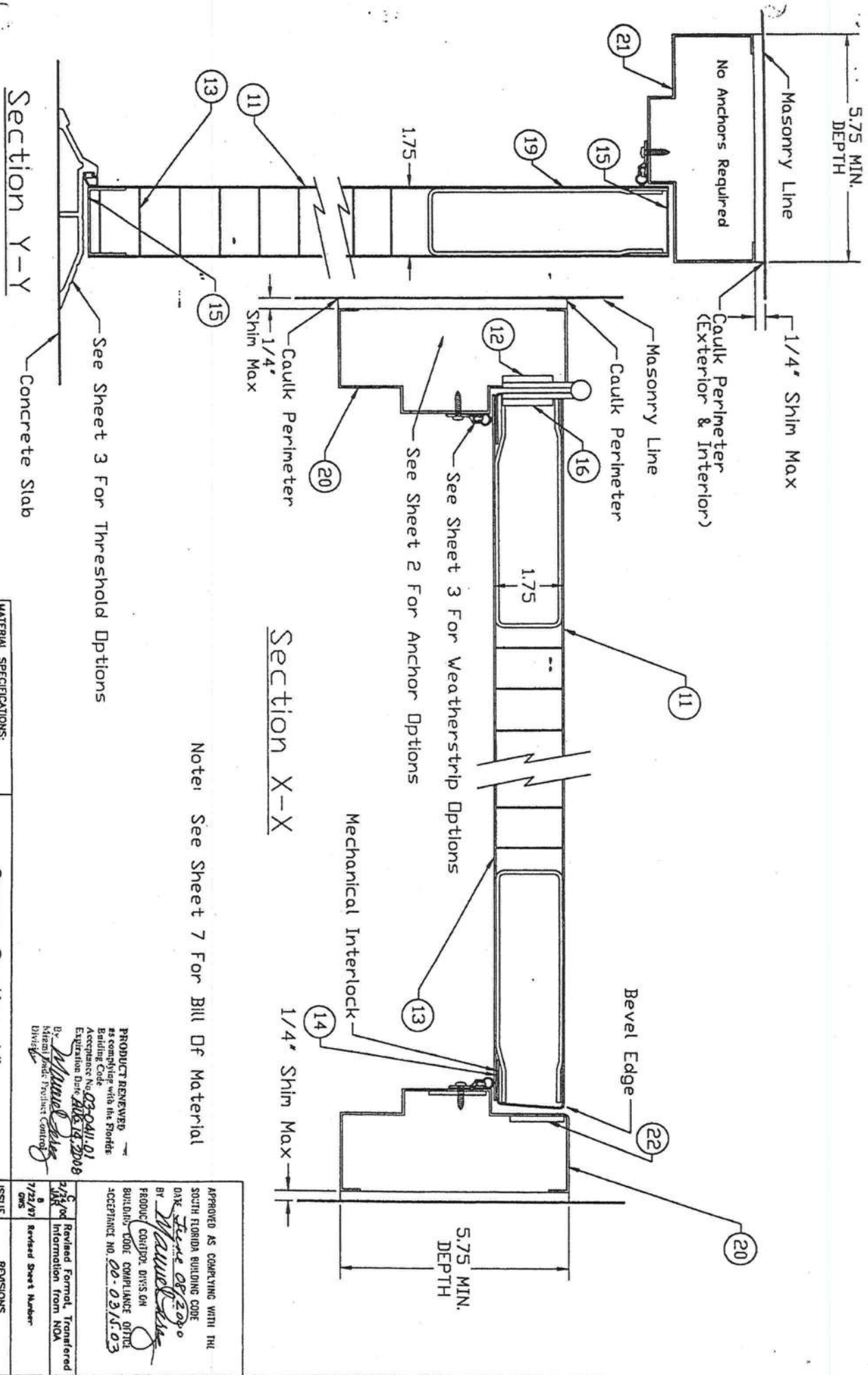
PRODUCT REVIEW
as complying with the Florida
Building Code
Acceptance No. 03-041-01
Expiration Date 06/14/2006
By *M. M. M. M.*
Manufactured Product Company
Director

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *June 05/2000*
BY *M. M. M. M.*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *00-0314-03*

2/24/00 Revised Format, Transferred
JMR Information from NOA
GWS

ISSUE REVISIONS
DRAWN BY: GWS
DATE: 6/06/97

DRAWING NUMBER:
RD00087
Sheet 4 of 7



Note: See Sheet 7 For Bill Of Material

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-0411-01
Expiration Date 08/19/2008
By: *Milwaukee*
Milwaukee
Division: Product Control

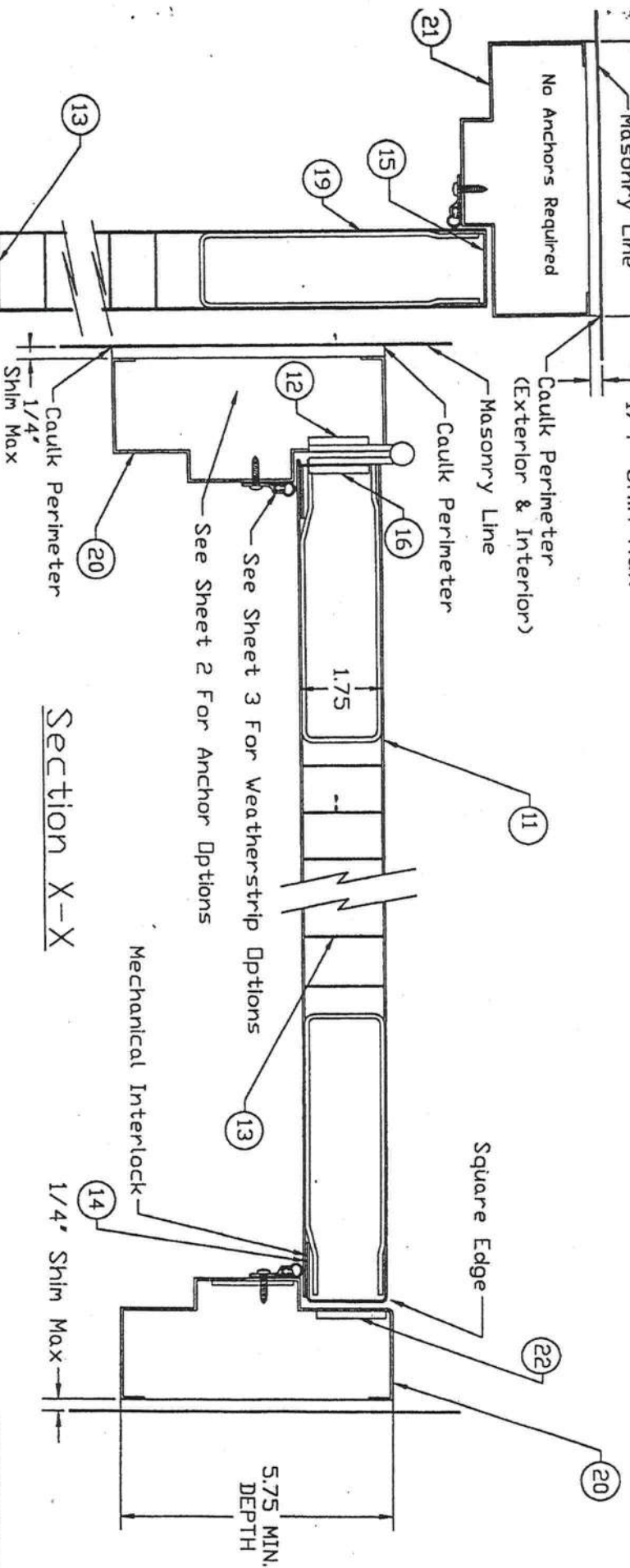
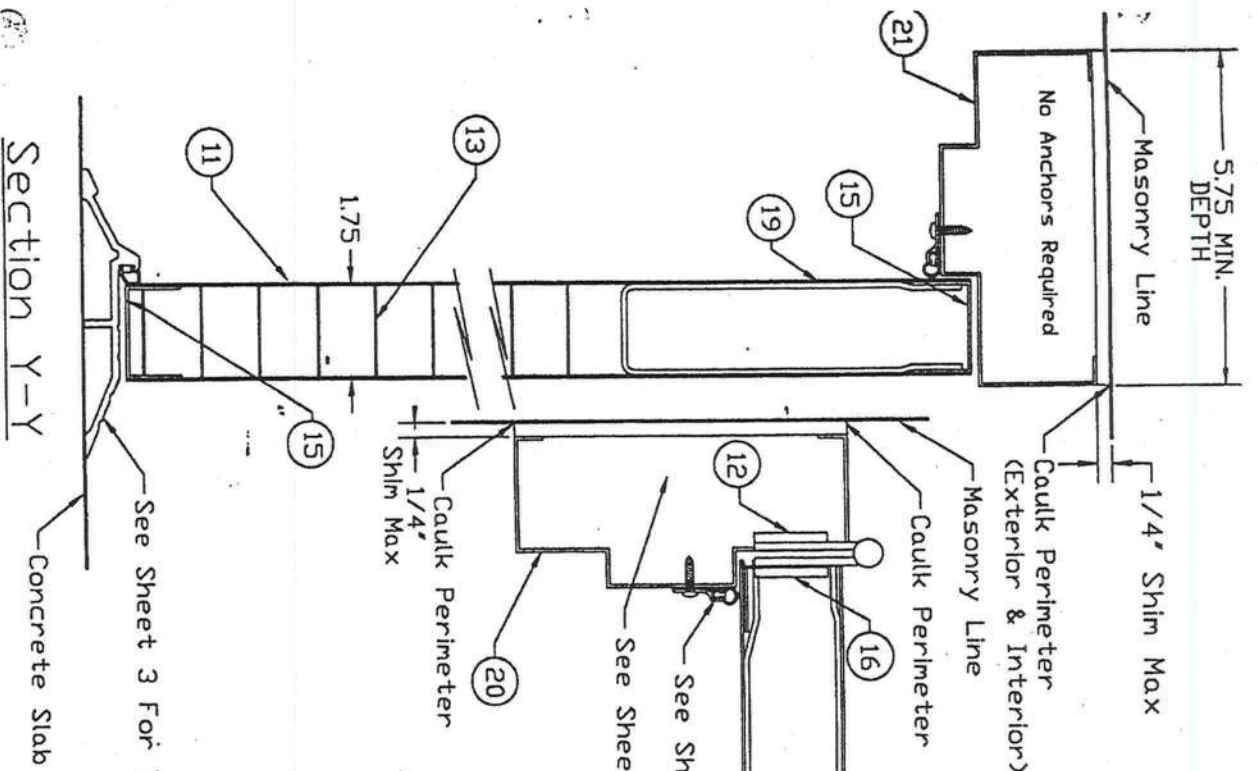
APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *5/30/97*
BY: *Milwaukee*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0315-03

Revised Form, Transferred
Information from NOA

7/22/97 Revised Sheet Number

ISSUE REVISIONS
DRAWN BY: GWS DATE: 5/30/97

MATERIAL SPECIFICATIONS:		Cross Section View	
		Regent Door	
		CECD DDDR PRODUCTS	
		Milan, Tennessee 38358	
		DRAWING NUMBER: RD0087	
		Sheet 5 of 7	



Section X-X

Note: See Sheet 7 For Bill Of Material

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0411-01
 Inspection Date 12/18/2008
 By: *M. J. [Signature]*
 Division: Product Control

Section Y-Y

MATERIAL SPECIFICATIONS:	Cross Section View	
	Omega Door	
	 CECD DOOR PRODUCTS	
	Millon, Tennessee 38358	
	DRAWING NUMBER:	RD0087
	Sheet 6 of 7	

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE: 06/29/00
 BY: *M. J. [Signature]*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0315-03

5/10/04 Revised Form, Transferred
 information from NDA

7/22/07 Revised Sheet Number

ISSUE REVISIONS
 DRAWN BY: GWS DATE: 5/30/97

ITEM	QTY	DESCRIPTION	MATERIAL	SIZE
1	1	SCHLAGE SERIES A153PD GRADE 2, LATCH LOCK, SINGLE LEVER OR KNOB OPERATED		
2	1	HARRIS SERIES 170AB GRADE 2, LATCH LOCK, INSIDE/OUTSIDE LEVER OPERATED		
3	1	YALE SERIES A153070 GRADE 2 LATCH LOCK, SINGLE LEVER OR KNOB OPERATED		
4	1	CAULK FOR INSTALLATION AND WEATHERSTRIP ADAPTER SCREWS FRAME PERIMETER (INSIDE & OUT) AND FRAME SILL CORNERS	GE SILICONE HOUSEHOLD SEALANT	
5	1	NATIONAL GUARD #8035		
6	1	PEMKO #2005AV		
7	1	PEMKO #181AV		
8	1	PEMKO #303AS HIGH SURFACE APPLIED EXTRUDED ALUMINUM WEATHERSTRIP ADAPTER WITH A SILICON (TM) BULB INSERT		
9	1	NATIONAL GUARD #130NA 1-1/4" WIDE X 0.188" SURFACE APPLIED EXTRUDED ALUMINUM WEATHERSTRIP ADAPT. WITH A FOAM INSERT		
10	3	HAGAR BB1279, 4-1/2" X 4-1/2" X .0134" THICK STEEL HINGE EACH ATTACHED WITH EIGHT #12-24 X 1/2" FH MS	COMMERCIAL QUALITY COLD ROLLED STEEL (MINIMUM YIELD STR. OF Fy=36,000 psi)	18 GAUGE (0.042" MIN. THICK)
11	1	FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A368	STEEL	1-1/4" X 9" X 7 GA.
12	3	HINGE REINFORCING PLATE, PLATE SPOT WELDED TO FRAME JAMB AT EACH HINGE LOCATION	PHENOLIC RESIN-IMPREGNATED KRAFT PAPER	1-1/8" CELL
13	1	CORE FULL HONEYCOMB CORE PERMANENTLY BONDED TO THE INSIDE OF EACH FACE SKIN WITH NON-FLAMMABLE ADHESIVE		
14	1	DEMEX 3500 STRUCTURAL ADHESIVE EPOXY		
15	1	ROLL FORMED STEEL CHANNEL ON THE TOP AND BOTTOM OF THE DOOR SPOT WELDED TO EXTERIOR AND GLUED TO INTERIOR SKIN		1" X 1-3/4" X 1" X 16 GA. (0.053" MIN)
16	3	DOOR HINGE REINFORCEMENT	28 GA. GALV. STEEL	1-1/4" X 9" X 7 GA.
17	1	DOOR LATCH REINFORCEMENT, STEEL "C" RING	STEEL	.015" THICK X 1.313 INSIDE DIAMETER
18	1	DOOR LOCK REINFORCEMENT	STEEL	16 GA. (0.053")
19	1	DOOR CLOSER REINFORCEMENT, ROLLED FORM CHANNELS TACK WELDED TO DOOR END CHANNELS	16 GA. (0.053" MIN) STEEL	2" FACE, 5-3/4" DEPTH MIN.
20	2	SERIES "SF", FRAME JAMB, DOUBLE RABBIT PROFILE	16 GA. (0.053" MIN) STEEL	2" FACE, 5-3/4" DEPTH MIN.
21	1	FACE SHEET CONFORMING TO ASTM A366 AND ASTM-A368	COMMERCIAL QUALITY COLD ROLLED STEEL (MINIMUM YIELD STR. OF Fy=40,000 psi)	2" FACE, 5-3/4" DEPTH MIN.
22	1	JAMB LOCK STRIKE REINFORCING PLATE	STEEL	1-1/8" X 2-1/2" X 12 GA.

PRODUCT RENEWER
as complying with the Florida
Building Code
Acceptance No. 03-041-01
Expiration Date 08/14/2008
By: *Maureen Davis*
District Project Control

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE: *June 08, 2000*
BY: *Maureen Davis*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0314-03

Revised Form, Transferred
Information from NCA
2/24/00
7/22/97
GWS

ISSUE
DRAWN BY: GWS
DATE: 6/02/97
REVISIONS

DRAWING NUMBER:
RD0087
Sheet 7 of 7

MATERIAL SPECIFICATIONS:
3-0 x 7-0 Series
Bill Of Materials
CECD DOOR PRODUCTS
Millon, Tennessee 38358



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

Ceco Door Products
9159 Telecom Drive
Milan, TN 38358

IN SWING

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: The Ceco Series Single Flush / Embossed Inswing Commercial Steel Doors -Impact

APPROVAL DOCUMENT: Drawing No RD0728, titled "3-0 x 7-0 , Series Regent, Omega, Imperial, Versa door", prepared by manufacturer, sheets 1 through 9 of 9 dated 05/22/02 and latest revised on 10-10-02, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

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

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

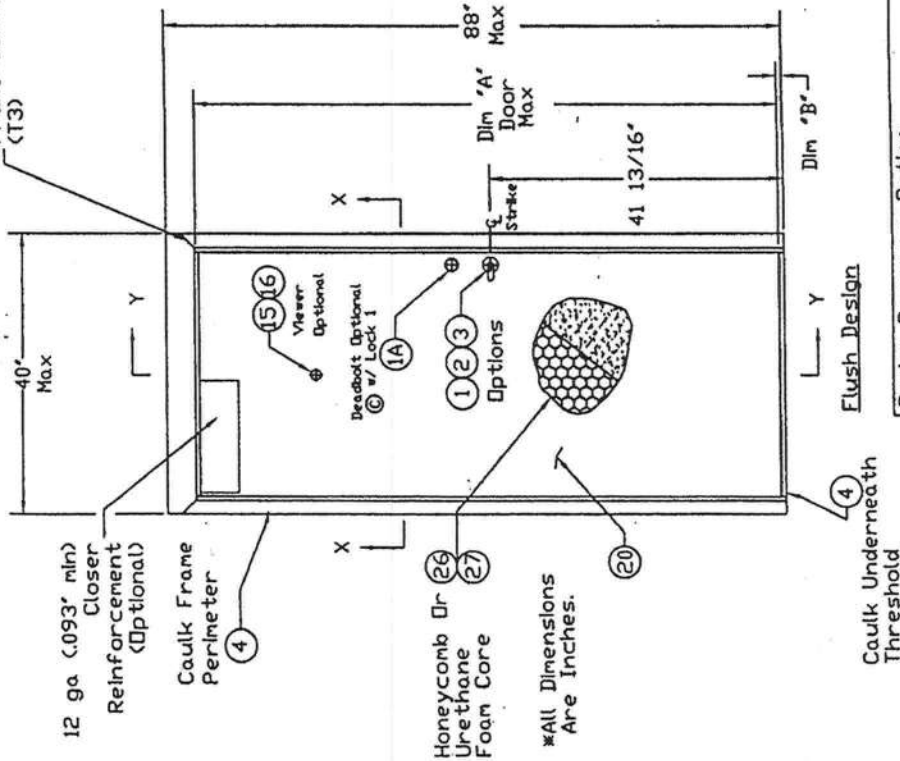
This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 02-0807.04
Expiration Date: October 31, 2007
Approval Date: October 31, 2002
Page 1

Frame Corners Welded (T3)



12 ga (.093 min) Closer Reinforcement (Optional)

Caulk Frame Perimeter

Honeycomb Or Urethane Foam Core

*All Dimensions Are Inches.

In-Swing Door (Exterior View)

	Dim 'A'	Dim 'B'
3/4" Undercut	83 1/8	3/4
3/8" Undercut	83 1/2	3/8

Approved as complying with the Florida Building Code
Date: 02/08/02
NOAR 02-0807-07
Miami Dade Product Council
By: [Signature]

Caulk Underneath Threshold

Flush Design

Design Pressure Rating	
Where Water Infiltration Requirement Is Needed	Where Water Infiltration Requirement Is Not Needed
Positive	Not Approved
Negative	Not Approved

Sheet 2	Frame Anchor Installation
Sheet 3	Threshold Installation
Sheet 3	Weatherstrip Installation
Sheet 4	Door Latch Reinforcement
Sheet 5-8	Cross Section View
Sheet 9	Bill Of Material

Notes:

- 1) In-swing Not Approved For Water Infiltration Protection System
- 2) This Door Does Not Need A Hurricane Protection System
- 3) Hinge Spacing Is 33" O.C., 13" From Top Of Frame & 9" From The Bottom.

MATERIAL SPECIFICATIONS:

Finish: Rust Inhibitive Primer

3-0 x 7-0 Series

Regent, Omega, Imperial, & Versadoor In-Swing Elevation Drawing

CECO DOOR PRODUCTS

Milan, Tennessee 38358

ISSUE

REVISIONS

DRAWN BY: LT

DATE: 5/22/02

DRAWING NUMBER: RD0728

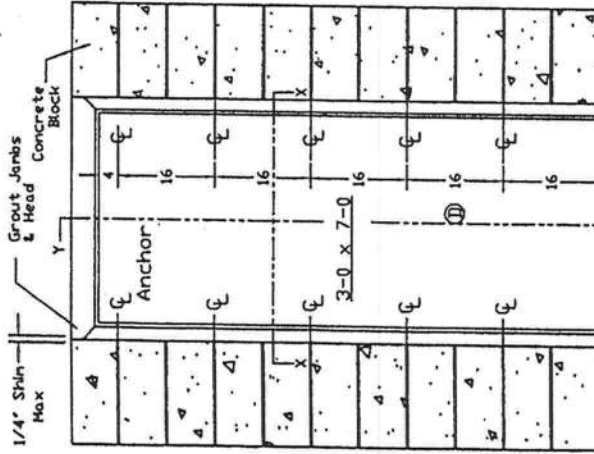
Sheet 1 of 9

Revised Per Marked-Up Drawings From LT 10/10/02 Ishag Chanda.

Revised Per Marked-Up Drawings From LT 8/28/02 Ishag Chanda.

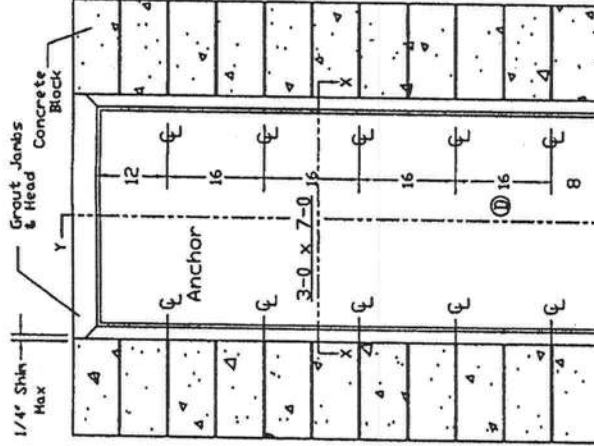
Masonry 'I' Anchor

Min. 3500 PSI



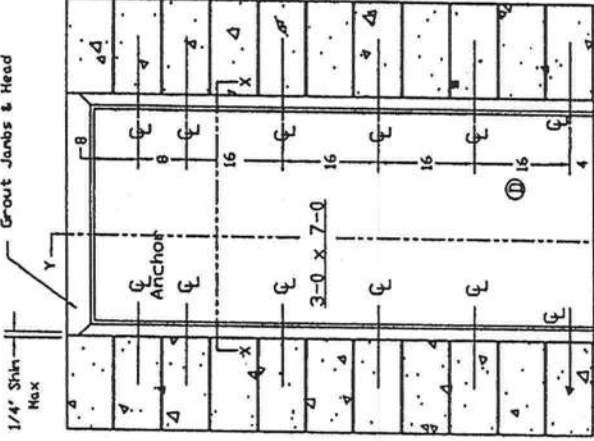
Masonry Wire Anchor

Min. 3500 PSI

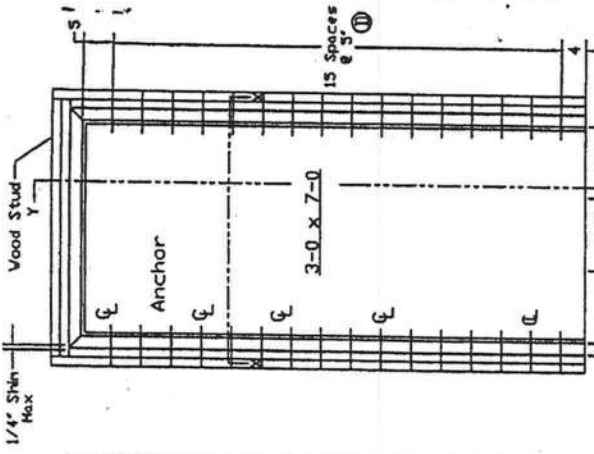


Existing Opening V/Lockbolt or Sleeve Anchor Into Block

Min. 3500 PSI

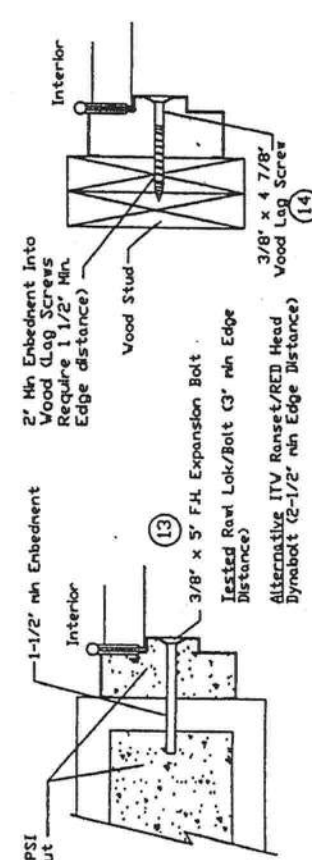
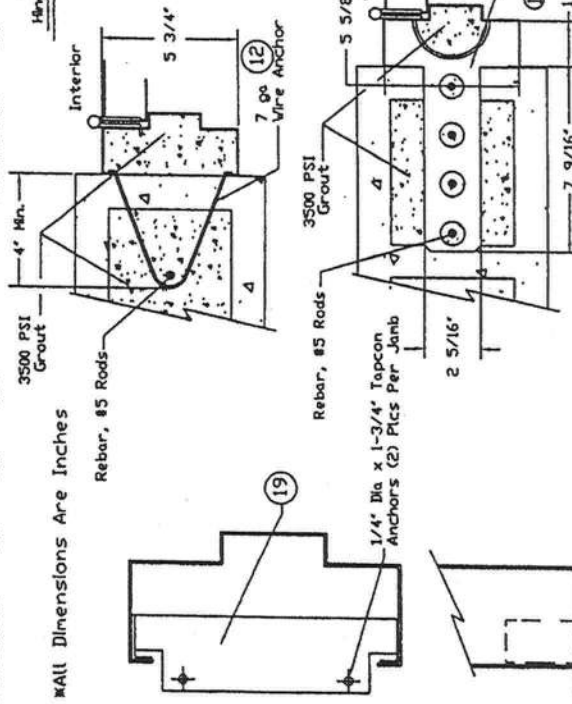


Existing Opening Anchor Into Wood Stud



WALL Dimensions Are Inches

Installation Details
Hinge Jamb / Lock Jamb



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Florida Building Code
Date OCT 31, 2002
NOAH 02-0307-04
Miami Dade Product Control
Division
By [Signature]

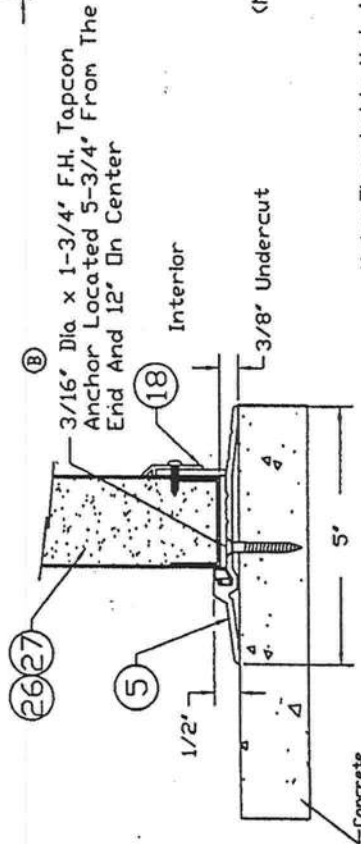
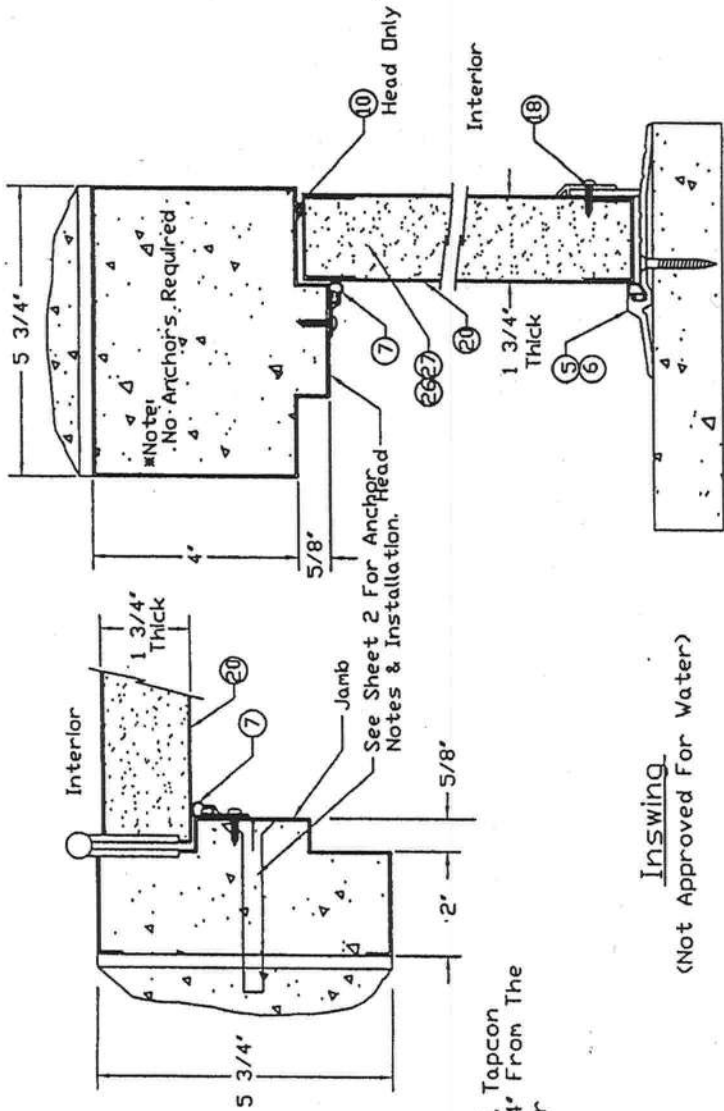
A Revised Per Marked
w/ma - Up Drawings From
LT Ishag Charida.

ISSUE	REVISIONS
DRAWN BY: LT	DATE: 5/22/02
DRAWING NUMBER: RD0728	Sheet 2 of 9

Frame Anchor (Inswing Doors)
Regent, Omega, Imperial & Versadoor
Installation Details

CECO DOOR PRODUCTS
Milan, Tennessee 38358

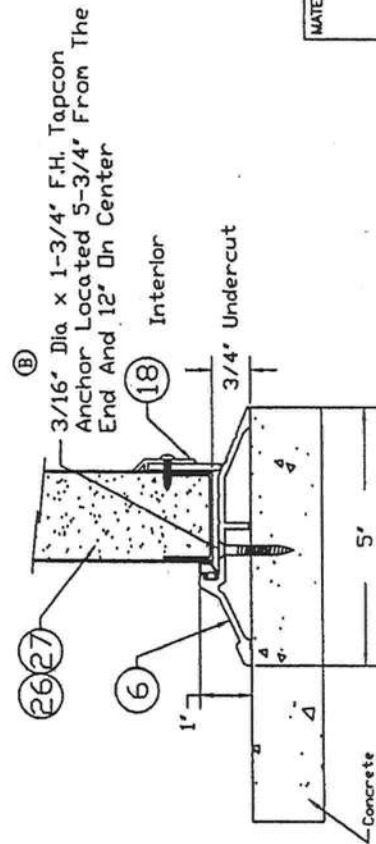
*Note: Structural Member At Header Must Be Designed To carry 58.3#/ft. load Imposed And Must Be Reviewed By Building Official.



Inswing
(Not Approved For Water)

Note: Thresholds Not Approved For Water.

Threshold: Penko 2005AV



Threshold: Penko 181AV

Approved as complying with the
Florida Building Code
Date: 02/11/2002
NOA# 02-030703
Miami Dade Product Control
Division
By: [Signature]

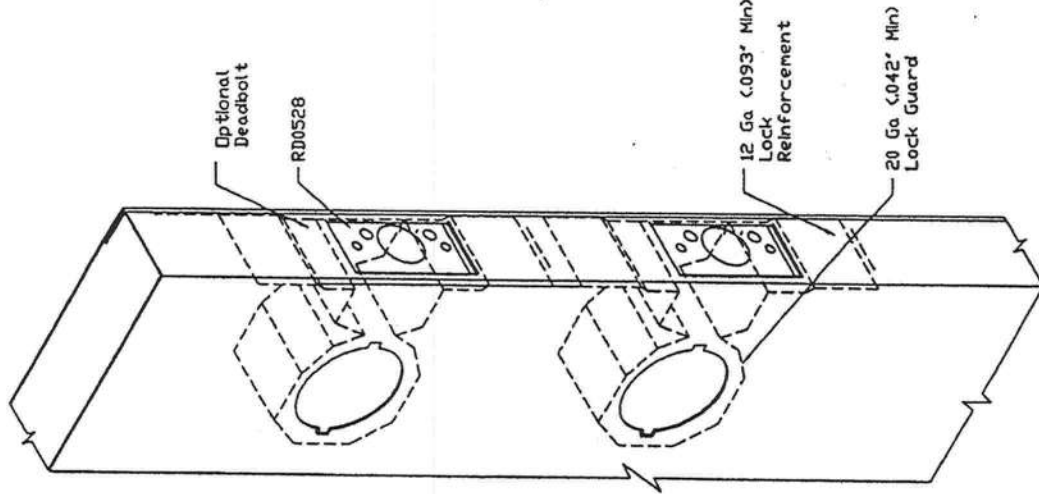
D	Revised Per Marked-Up Drawings From Ishaq
LT	Chanda
C	Revised Per Marked-Up Drawings From Ishaq
LT	Chanda

ISSUE	REVISIONS
DRAWN BY: LT	DATE: 5/22/02

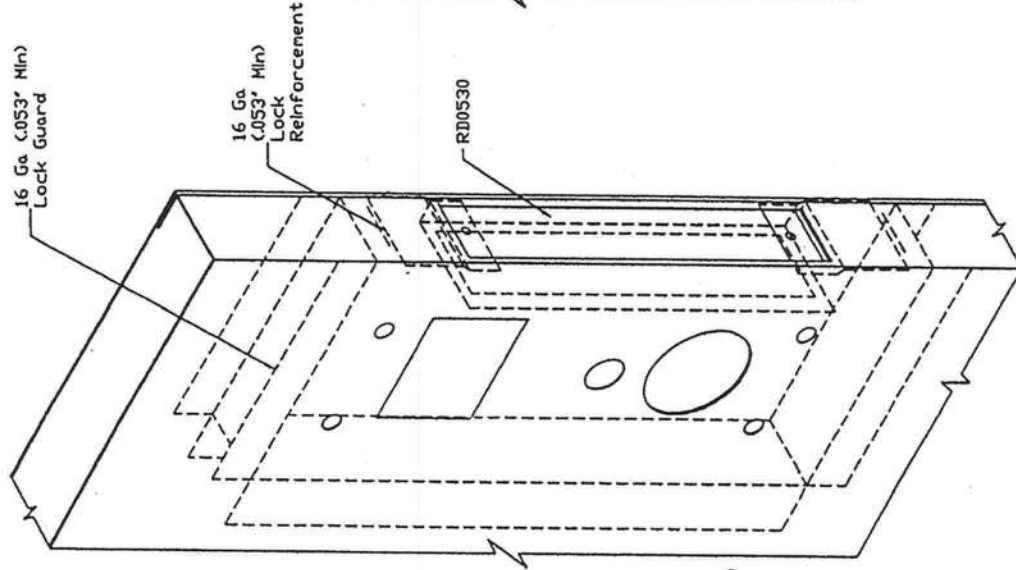
RD0728
Sheet 3 of 9

Threshold & Weatherstrip (Inswing Doors)
Regent, Omega, Imperial, Versadoor
Installation Details

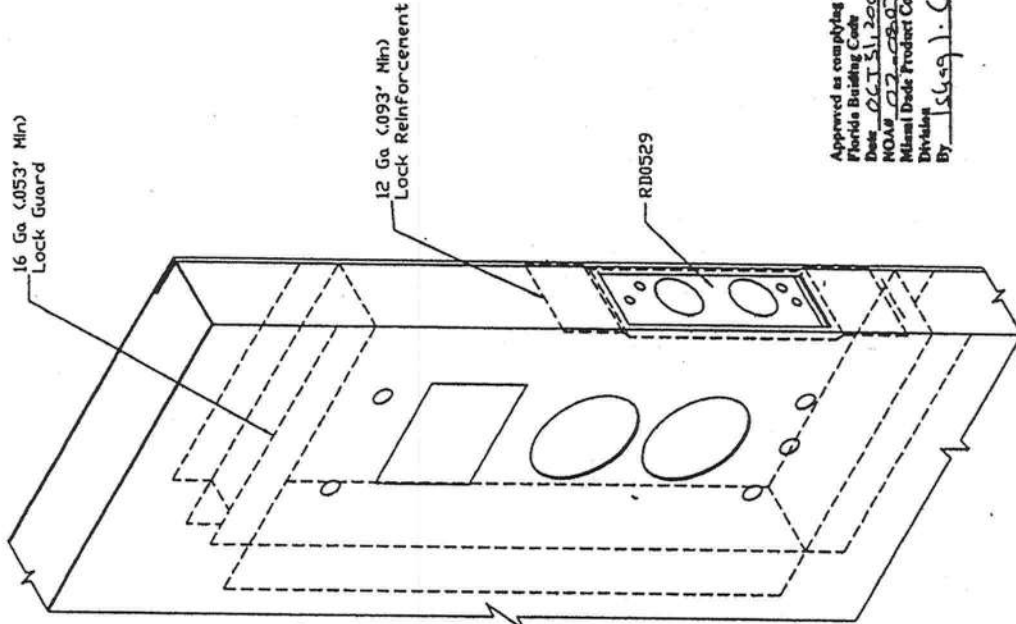
CECO DOOR PRODUCTS
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Schlage AL53PD



Saflok MT



Saflok Premier SL2500

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Florida Building Code
Date: 04/11/2002
MOAR 07-0807-01
Miami Dade Product Control
Division
By: [Signature]

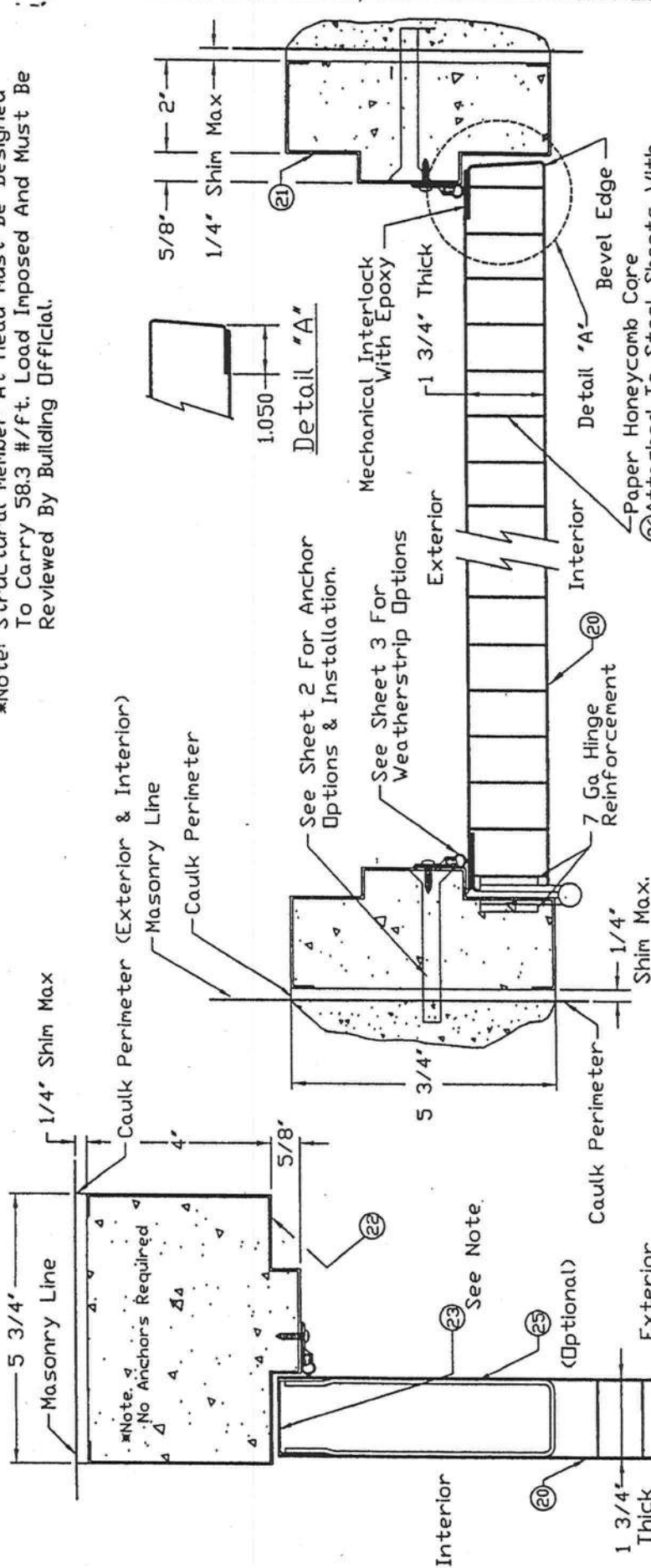
A	5/28/02 LT	Added RD0528, RD0529 & RD0530.	
		ISSUE	REVISIONS
DRAWN BY: LT		DATE:	5/28/02
DRAWING NUMBER:		RD0728	
		Sheet 4 of 9	

MATERIAL SPECIFICATIONS:

Lock Reinforcement (Inswing Doors)
Regent, Omega, Imperial, Versadoor
Reinforcement Details

 CECO DOOR PRODUCTS
Milan, Tennessee 38358

*Note: Structural Member At Head Must Be Designed To Carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.



Section X-X

Note 1: Top and Bottom Channel Tack Welded To Both Skins 3 Inches From Lock Edge And 6 Inches On Centers

MATERIAL SPECIFICATIONS:

Cross Section View
(Inswing Doors)
Regent Handed Door

CECO DOOR PRODUCTS
Milan, Tennessee 38358

Section Y-Y

C	Revised Per Marked
LT	Drawings From
B	Revised Per Marked
LT	Drawings From

ISSUE	REVISIONS
DATE	DATE
5/22/02	5/22/02

DRAWING NUMBER	RD0728
SHEET	5 of 9

Approved as complying with the
Florida Building Code
Date 02/23/2002
NOAA 02-0307-04
Miami Dade Product Company
Division
By: [Signature]

1.050

Detail "A"



Note 1: Top and Bottom Channel Tack Welded To Both Skins 3 Inches From Lock Edge And 6 Inches On Centers

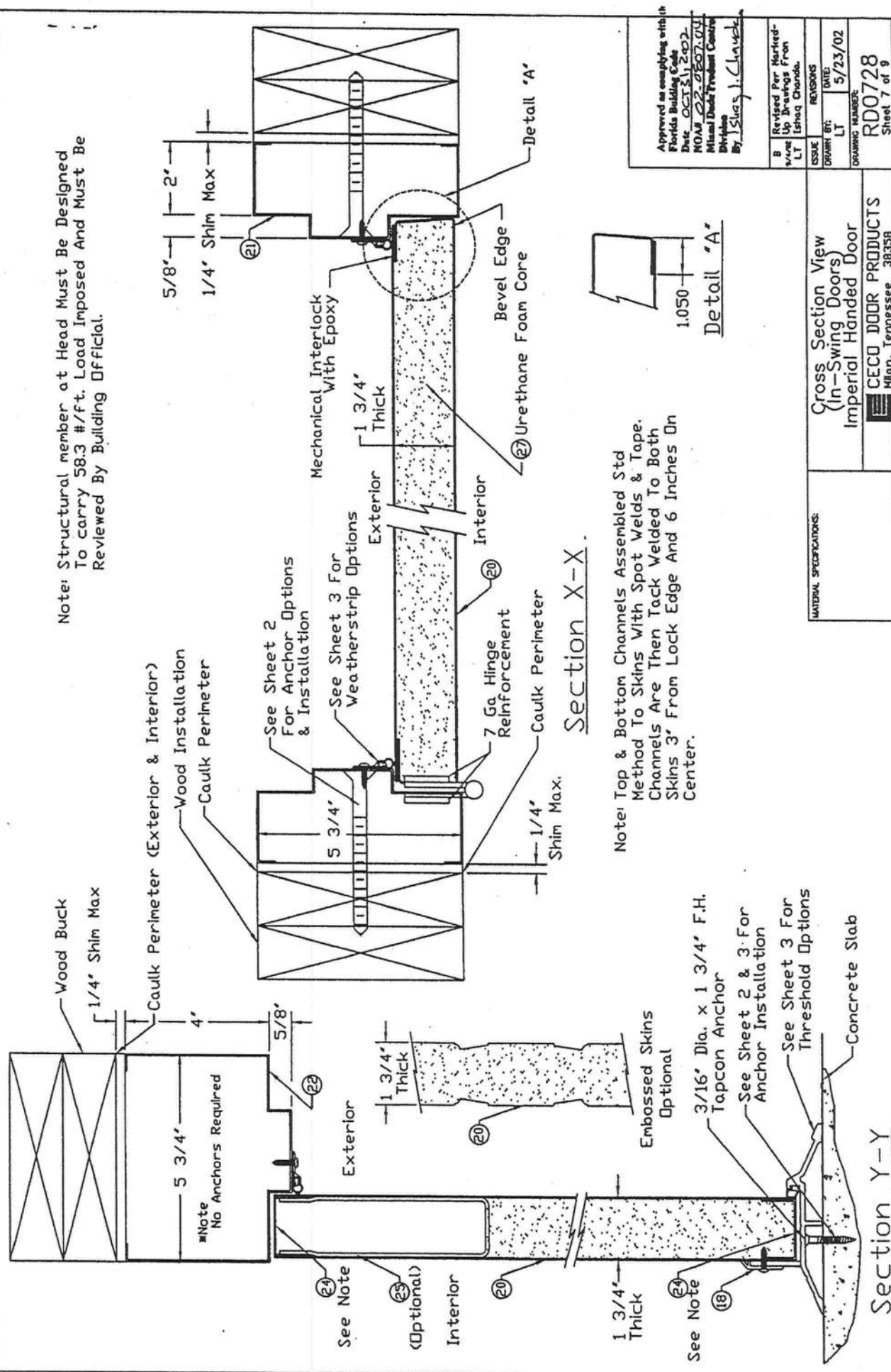
MATERIAL SPECIFICATIONS:

Cross Section View
(In-Swing Doors)
Omega Handed Door

CECO DOOR PRODUCTS
Milan, Tennessee 38358

B	Revised Per Marked -up Drawings From LT	Revisions BY: LT DATE: 5/23/02	DRAWING NUMBER RD0728 Sheet 6 of 9
A	Revised Per Marked -up Drawings From LT		
ISSUE			

RD0728
Sheet 6 of 9



Note: Structural member at Head Must Be Designed To Carry 58.3 #/ft. Load Imposed And Must Be Reviewed By Building Official.

Note: Top & Bottom Channels Assembled Std Method To Skins With Spot Welds & Tape. Channels Are Then Tack Welded To Both Skins 3" From Lock Edge And 6 Inches On Center.

Approved as complying with Florida Building Code
 Date OCT 31 2002
 NOAJ 02-0807.01
 Miami Dade Product Center
 By J. Slag, J. Clavette

REVISIONS	DATE
B	Revised Per Marked-up Drawings From L.T. Ishag Chanda.
ISSUE	DATE
1	5/23/02
DRAWING NUMBER	RD0728
SHEET	7 of 9

Cross Section View (In-Swing Doors)
 Imperial Handed Door
 CECO DOOR PRODUCTS
 Milan, Tennessee 38358

MATERIAL SPECIFICATIONS:

1	Cylindrical Lock & Lock Reinforcement (RD0528)	Schlage	AL53PD
1A	Deadbolt (Optional) ①	Schlage	B100
2	Dr Cylindrical Lock & Lock Reinforcement	Saflok	Premier SL2500
3	Dr Mortise Lock	Saflok	MT
4	Caulk	Dow Corning	899 Silicone Glazing Sealant
5	Threshold	Pemko	2005AV36
6	Dr	Pemko	181AV36
7	Weatherstrip	Pemko	303AV3684
8	Hinge (Ball Bearing)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 MS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
9	Dr (Spring)	Hager or Equal (Attached w/ (8) #12-24 x 1/2 MS Per Hinge)	4-1/2 x 4-1/2 x .134 (Std Weight)
10	Weatherstrip	Pemko	S88
11	Frame Anchor	Masonry Tee (RD0057)	16 ga (.053" min) Galv Steel Fymin = 30ksi
12	Dr	Wire, Relaxed Dimension 9' x 8'	#7 (.167" min) Galv Steel Wire (70,000 - 90,000 psi Tensile Strength)
13	Dr	Expansion Bolt	3/8" x 5" F.H. Rawl Lok/Bolt Dr 3/8" x 5" F.H. Ramset/RED Head
14	Dr	Wood Lag Screw	3/8" x 4-5/8"
15	Viewer	Hager	1755
16	Dr	MAG Security	8724-C
17	Drip Cap/ Top	Pemko	346
18	Sweep	Pemko	315 N
19	Floor Anchor	Fixed Floor Anchor	16 ga (.053" min) galvanized Steel
20	Face Sheet A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	16 Ga (.053" min)
21	Series SF, Frame Jamb, Double Rabbet Profile, A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	2" Face, 5-3/4" Depth Min. (RD0033)
22	Series SF, Frame Head, Double Rabbet, Profile A60 Galv Conforming To ASTM A653	Commercial Steel Type B (Minimum Yield Strength 30,000psi)	4" Face, 5-3/4" Depth Min. (RD0033)
23	Door Channels; Spot Welded To Bottom Skin Glued To Top Skin; Jack Welded To Both	16 Ga (.053" min) A60 Galv Conforming To ASTM A653	16 ga (.053" min) x 1" x 1-3/4" x 1"
24	Door Channels; Spot Welded To Bottom Skin Taped To Top Skin; Jack Welded To Both	16 Ga (.053" min) A60 Galv Conforming To ASTM A653	16 ga (.053" min) x 1" x 1-3/4" x 1"
25	Closer Reinforcement (Optional)	12 Ga (.093" min) CS Type B	12 ga (.093" min) x 5-3/8" x 16"
26	Honeycomb Core	Non-impregnated Kraft Paper ⑥	1.2" Nominal Cell Size
27	Urethane Core	Foam Enterprises	2 lb/ft ³ Density

Approved as complying with the
Florida Building Code
Date: 06/13/2022
NOAH 02-0807-07
Miami Dade Permitted Certified
Drawings
By: 151429 J. C. K. n. l.

B		Revised Per Marked- 10/10/02 Up Drawings From LT		Ishaq Chanda.	
A		Revised Per Marked- 9/4/02 Up Drawings From LT		Ishaq Chanda.	
ISSUE		REVISIONS		DATE	
DRAWN BY:		LT		5/28/02	
MATERIAL SPECIFICATIONS:				DRAWING NUMBER:	
3-0 x 7-0 Series In-Swing Bill Of Materials				RD0728	
				Sheet 9 of 9	
 CECO DOOR PRODUCTS Milan, Tennessee 38358				3-0 x 7-0 Series	
				In-Swing Bill Of Materials	

Job Name: Laurel Lakes Lot #8
Customer: J.L. DUPREE
Designer: Chris McCall

JOB NO:
2844

PAGE NO:
1 OF 1

