

DATE 10/14/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023718

APPLICANT DARRYL ALLEN PHONE 954 868-1031
ADDRESS 1491 NW 33RD WAY FT. LAUDERDALE FL 33311
OWNER DARRYL F. ALLEN PHONE 954 868-1031
ADDRESS 232 SW THURMAN TERR LAKE CITY FL 32055
CONTRACTOR ISRAEL BUILDERS, INC PHONE 954 993-3258
LOCATION OF PROPERTY 47S, TR ON 242, TR ON THURMAN TERR, 3RD LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 96450.00
HEATED FLOOR AREA 1929.00 TOTAL AREA 2671.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 18
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 25-4S-16-03153-021 SUBDIVISION PICCADILLY PARK
LOT 4 BLOCK C PHASE UNIT TOTAL ACRES .75

000000844 CRC1326958
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 05-0937-N BK JH Y
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 1524

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 485.00 CERTIFICATION FEE \$ 13.36 SURCHARGE FEE \$ 13.36
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 611.72

INSPECTORS OFFICE CLERKS OFFICE

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

611.72

Revised 9-23-04

For Office Use Only Application # 1509.34 Date Received 9/9/05 By CT Permit # 844 23718
Application Approved by - Zoning Official BLK Date 10.11.05 Plans Examiner OK JTH Date 10-3-05
Flood Zone X Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. L-1 DEN
Comments 9/11/05 / SPEC / Energy code / not later / less CK# 1524

Applicants Name Darryl F. Allen Phone (954) 868-1031
Address 1491 NW 33 Way Ft. Lauderdale, FL 33311
Owners Name SAME Phone SAME
911 Address 232 SW Thurman Terr. Lake City, FL
Contractors Name ISRAEL BUILDERS Inc. Phone (954) 993-3258
Address 2856 N.W. 8th Place Ft. Lauderdale FL 33311
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address WILLIAM MYERS DESIGN PO Box 1513 Lake City, FL 32056
Mortgage Lenders Name & Address N/A
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 254S1603153-021 Estimated Cost of Construction \$60,000.00
Subdivision Name PICCADILLY PARK UNRC Lot 4 Block C Unit Phase
Driving Directions Hwy 90 S Hwy 41 To Hwy 47 To Right Hwy 242
Right ON Thurman Terr Property ON LEFT. (3rd lot)

Type of Construction New Single Family Home Number of Existing Dwellings on Property 0
Total Acreage 0 Lot Size 3/4 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 50 Side 59.5 Side 59.5 Rear 54.8
Total Building Height 18' 3 Number of Stories 1 Heated Floor Area 1929 Roof Pitch 6' 12
PORCHES 227 GARAGE 515 TOTAL 2671

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.

Darryl F. Allen
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 4 day of AUGUST 2005.
Personally known X or Produced Identification

James E. Rosa
Contractor Signature
Contractors License Number CRC1326958
Competency Card Number 91-C&C-1314C-X
NOTARY STAMP/SEAL

Alfreda E. Echols
Notary Signature

ALFRED A. ECHOLS
NOTARY PUBLIC STATE OF FLORIDA
COMMISSION # DD090366
EXPIRES 02/10/2008

ALFRED A. ECHOLS
NOTARY PUBLIC STATE OF FLORIDA
COMMISSION # DD090366

LYNCH WELL DRILLING, INC.

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

Building Permit # 0509-34 Owner's Name Darryl Allen

Well Depth _____ Ft. Casing Depth _____ Ft. Water Level _____ Ft.

Casing Size 4 inch Steel Pump Installation: Deep Well Submersible

Pump Make Red Jacket Pump Model 100F211-20G8 HP 1

System Pressure (PSI) _____ On 30 Off 50 Average Pressure 40

Pumping System GPM at average pressure and pumping level 20 (GPM)

Tank Installation Bladder / Galvanized Make Challenger
Model PC244 Size 81

Tank Draw-down per cycle at system pressure 25.1 gallons

I HEREBY VERIFY THAT THIS WATER WELL SYSTEM HAS BEEN
INSTALLED AS PER THE ABOVE INFORMATION.

Linda Newcomb
Signature

2603
License Number

Linda Newcomb
Print Name

9-14-05
Date

September 16, 2005

To: Columbia County Building & Zoning
Plans Review
From: Darryl F. Allen, Application #0509-34

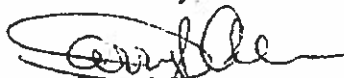
Attn: Mr. Joe Haltiwanger

Dear Mr. Haltiwanger,

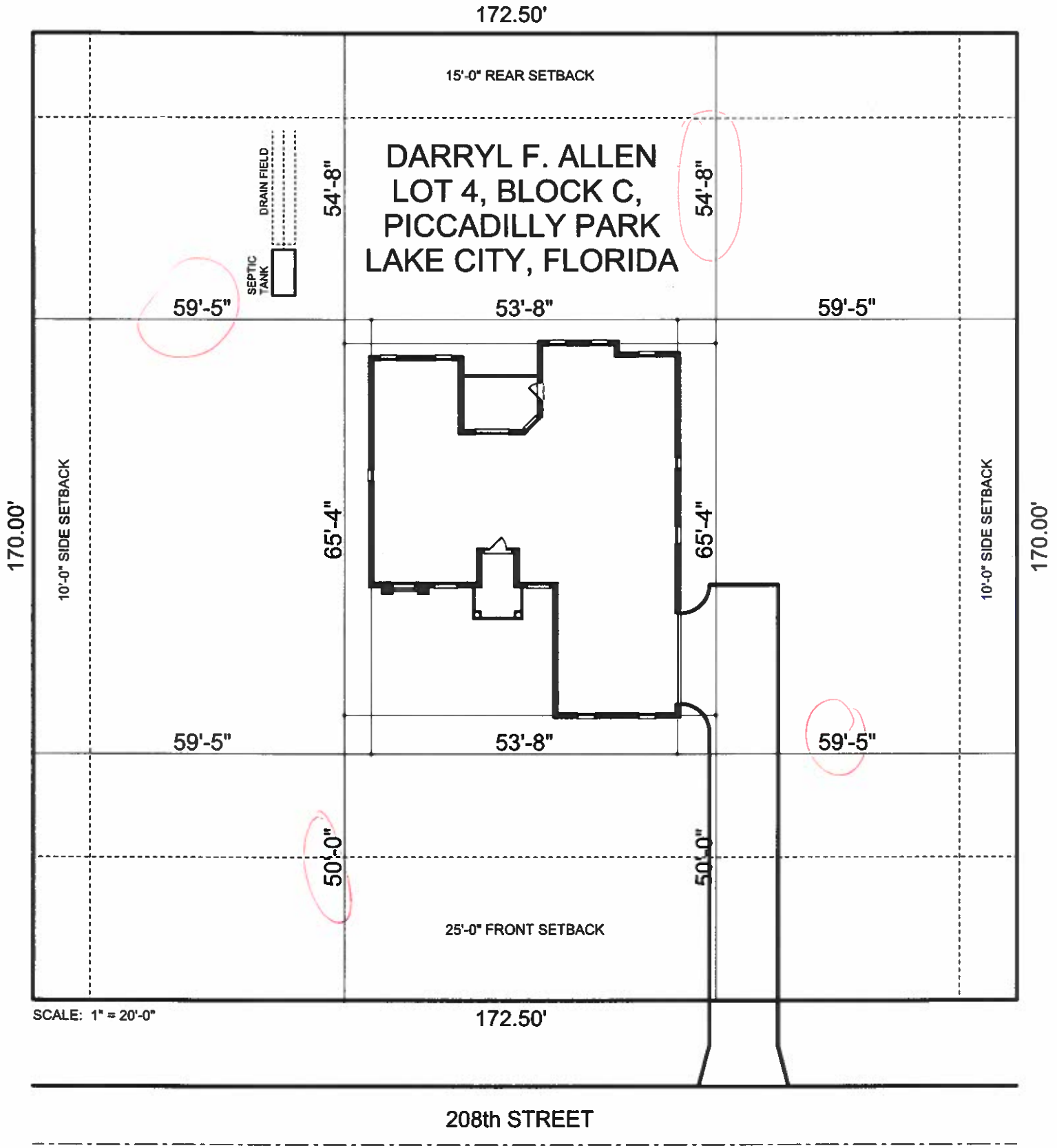
This letter is to inform you of the conversation I had with Mr. Ron Croft at the 911 Address Office. Per Mr. Croft my property has been assigned an address it is 232 SW Thurman Terrace, Lake City, Florida.

Please update your records to reflect such and don't hesitate to call me if there are any questions. Thank you all so much for all of your help.

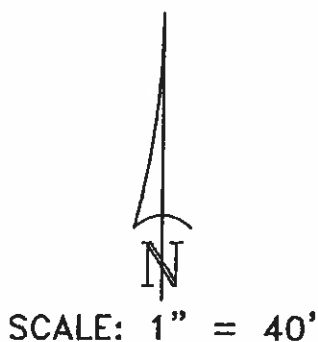
Sincerely,



Darryl F. Allen



BOUNDARY SURVEY IN SECTION 25, TOWNSHIP 4 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.



SYMBOL LEGEND:

■	4"X4" CONCRETE MONUMENT FOUND
□	4"X4" CONCRETE MONUMENT SET
●	IRON PIPE FOUND
○	IRON PIN AND CAP SET
⊕	POWER POLE
▲	WATER METER
Ⓢ	CENTERLINE
*	WELL
⊙	SATELLITE DISH
⊙	TELEPHONE BOX
—E—	ELECTRIC LINES
—X—	WIRE FENCE
—○—	CHAIN LINK FENCE
—□—	WOODEN FENCE

DESCRIPTION:

LOT 4, BLOCK C, PICCADILLY PARK, AN UNRECORDED SUBDIVISION LYING IN A PART OF SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, SAID LOT 4 BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCE AT THE NORTHEAST CORNER OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST, AND RUN THENCE S.01°03'00"E., 262.55 FEET; THENCE S.88°31'00"W., 792.63 FEET; THENCE S.01°35'00"E., 172.50 FEET TO THE NORTHWEST CORNER OF SAID LOT AND POINT OF BEGINNING; THENCE CONTINUE S.01°35'00"E., 172.50 FEET; THENCE N.88°31'00"E., 170.00 FEET; THENCE N.01°35'00"W., 172.50 FEET; THENCE S.88°31'00"W., 170.00 FEET TO THE POINT OF BEGINNING.
LESS AND EXCEPT ANY PART LYING WITHIN A PUBLIC RIGHT-OF-WAY.

SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

INSIDE CHARGE AND MEETS THE MINIMUM PROFESSIONAL SURVEYOR AND MAPPERS 1 SECTION 472.02, FLORIDA STATUTES.

SCOTT BRITT, P.S.M.
RTIFICATION # 5757

AL OF A FLORIDA LICENSED SURVEYOR AND PURPOSES ONLY AND IS NOT VALID.



BRITT SURVEYING

LAND SURVEYORS AND MAPPERS

830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055

(386)752-7163 FAX (386)752-5573

WORK ORDER # L-16109

Prepared by:
Duane E Thomas
Duane E. Thomas, Attorney at Law
210 South Marion Avenue
Lake City, Florida 32025

File Number: 05-173

Inst: 2005008314 Date: 04/11/2005 Time: 15:51
Doc Stamp-Deed : 171.50
DC, P. Dewitt Cason, Columbia County B: 1043 P: 31

General Warranty Deed

Made this March 28, 2005 A.D. By **Roland K. Albury and Lourdes M. Albury, husband and wife**, Rt. 15 Box 3882, Lake City, Florida 32024, hereinafter called the grantor, to **Baby Boy Investments Group**, whose post office address is: 1491 NW 33rd Way, Ft. Lauderdale, FL 33311, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 4, Block C, PICCADILLY PARK, an unrecorded subdivision lying in a part of Section 25, Township 4 South, Range 16 East, Columbia County, Florida, said Lot 4 being more particularly described as follows:

Commence at the Northeast corner of the Northeast 1/4 of the Northwest 1/4 of Section 25, Township 4 South, Range 16 East and run thence South 01° 03' East, 262.55 feet; thence South 88° 31' West, 792.63 feet; thence South 01° 35' East, 172.50 feet to the Northwest corner of said lot and the Point of Beginning; thence continue South 01° 35' East, 172.50 feet; thence North 88° 31' East, 170 feet; thence North 01° 35' West, 172.50 feet; thence South 88° 31' West, 170 feet to the Point of Beginning.

LESS AND EXCEPT any part lying within a public right of way.

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: 254S1603153-021

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2004.

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

Signed, sealed and delivered in our presence:

Robert Cabral Jr
Witness Printed Name Robert Cabral Jr

Therese Y Thomas
Witness Printed Name Therese Y Thomas

State of Florida
County of Columbia

Roland K. Albury (Seal)
Roland K. Albury
Address: Rt. 15 Box 3882, Lake City, Florida 32024

Lourdes M. Albury (Seal)
Lourdes M. Albury
Address: Rt. 15 Box 3882, Lake City, Florida 32024

The foregoing instrument was acknowledged before me on the 28th day of March, 2005, by Roland K. Albury and Lourdes M. Albury, husband and wife, who is/are personally known to me, and produced Therese Y Thomas as identification.

DEED Individual Warranty Deed With Non-Homestead
Closers' Choice



Notary Public
Print Name: Therese Y Thomas

15501457



Cal-Tech Testing, Inc.

• Engineering
• Geotechnical
• Environmental
Laboratories

P.O. Box 1625 • Lake City, FL 32056-1625 • Tel(386)755-3633 • Fax(386)752-5456
6919 Distribution Ave. S., Unit #5, Jacksonville, FL 32257 • Tel(904)262-4046 • Fax(904)262-4047
2230 Greensboro Hwy • Quincy, FL 32351 • Tel(850)442-3495 • Fax(850)442-4008

23718

REPORT OF IN-PLACE DENSITY TEST

JOB NO.: 06-256
DATE TESTED: 4/24/06
DATE REPORTED: 4/25/06

PROJECT:	Piccadilly Park, Lot #4, Lake City
CLIENT:	Concept Construction, 2109 West US 90, Lake City, FL 32055
GENERAL CONTRACTOR:	Concept Construction
EARTHWORK CONTRACTOR:	Concept Construction
INSPECTOR:	Art Chancey
ASTM METHOD	SOIL USE
(D-2922) Nuclear	BUILDING FILL
SPECIFICATION REQUIREMENTS: 95%	

TEST NO.	TEST LOCATION	TEST DEPTH	WET DENSITY (lb/ft ³)	MOISTURE PERCENT	DRY DENSITY (lb/ft ³)	PROCTOR TEST NO.	PROCTOR VALUE	% MAXIMUM DENSITY
1	Approximate Center of Garage Pad	0-12"	107.6	4.8	102.7	PIT	107.9	95.2%
2	Approximate Center of House Pad	0-12"	110.6	6.2	104.1	PIT	107.9	96.5%
3	NE Corner of Pad 15'West of East End	0-12"	113.0	7.7	104.9	PIT	107.9	97.2%
4	SW Corner of Pad 20'East of West End	0-12"	110.2	6.0	104.0	PIT	107.9	96.4%

REMARKS: The Above Tests Meet Specification Requirements.

PROCTORS				
PROCTOR NO.	SOIL DESCRIPTION	MAXIMUM DRY UNIT WEIGHT (lb/ft ³)	OPT. MOIST.	TYPE
PIT	Tan Sand w/Trace of Clayey Sand (Register's Pit)	107.9	11.1	MODIFIED (ASTM D-1557)

Respectfully Submitted,
CAL-TECH TESTING, INC.

Linda M. Creamer
Linda M. Creamer
President - CEO

sw

Reviewed By:

John D. Dwyer

Date: 4/25/06
Florida Registration No: 52612

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

Job: (5-378) DARRYL ALLEN / M

Top chord 2nd SP #2 Dorman
Bot chord 2nd SP #2 Dorman
Webbs 2nd SP #3 164 2nd SP #2 Dorman

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

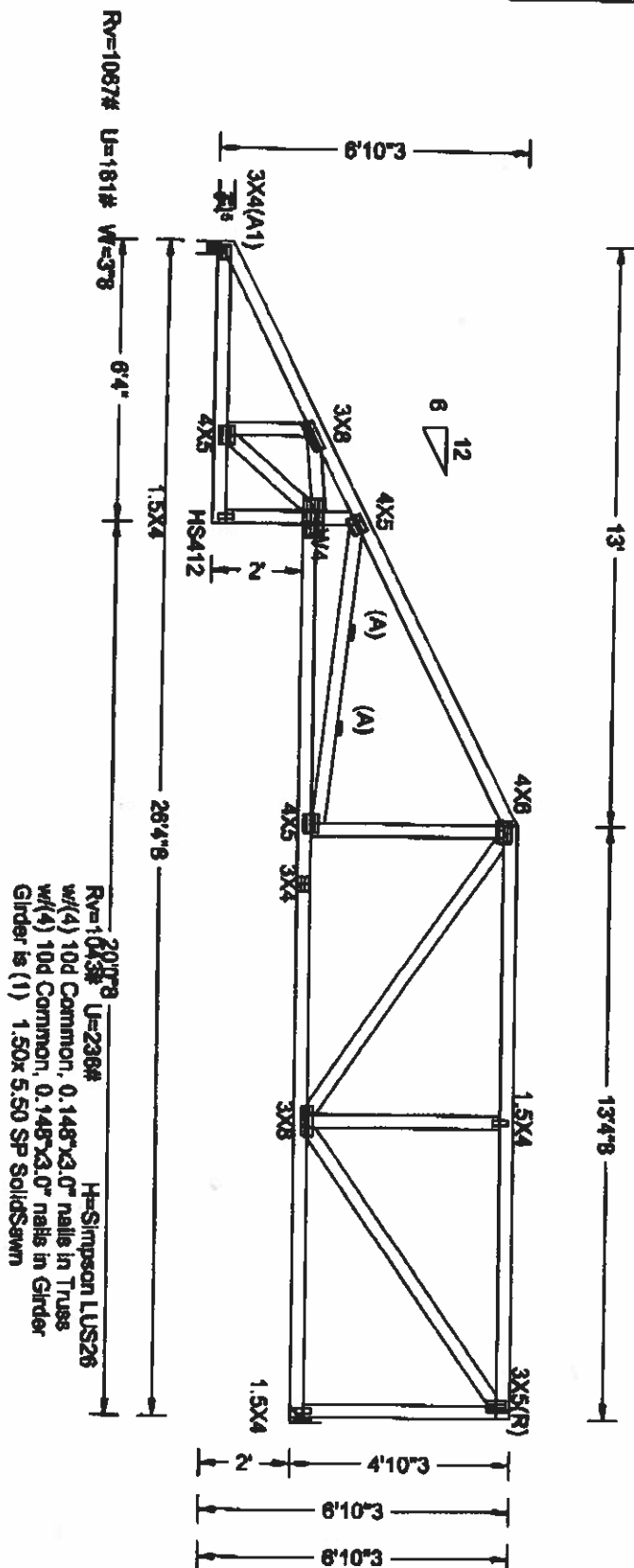
THIS DRUG, PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRULUS AFTER'S LAYOUT

1.00 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, Cat A, Exp B, wind TC
DL=5.0 psf, wind BC DL=0 psf.

heights and vertical not improved to third pressure.

(A) Continuous lateral bracing equally spaced on members

Detection made L380 live and L240 total load.



TAG = T80
PLT. TYP. WAVE

FBC/TP11805(STD)

QTY=1 TOTAL=1

REV. 7.24.1230.17

SEQ = 118186
SCALE = 0.2500

REF	
DATE	07-25-2008
DRWG	
QA LEN.	280408
TYPE	COMM

Job: (5-378) DARRYL ALLEN / AS

Top chord 2nd SP #2 Damsse
Bottom 2nd SP #2 Damsse
Web 2nd SP #3 : W4 2nd SP #2 Damsse:

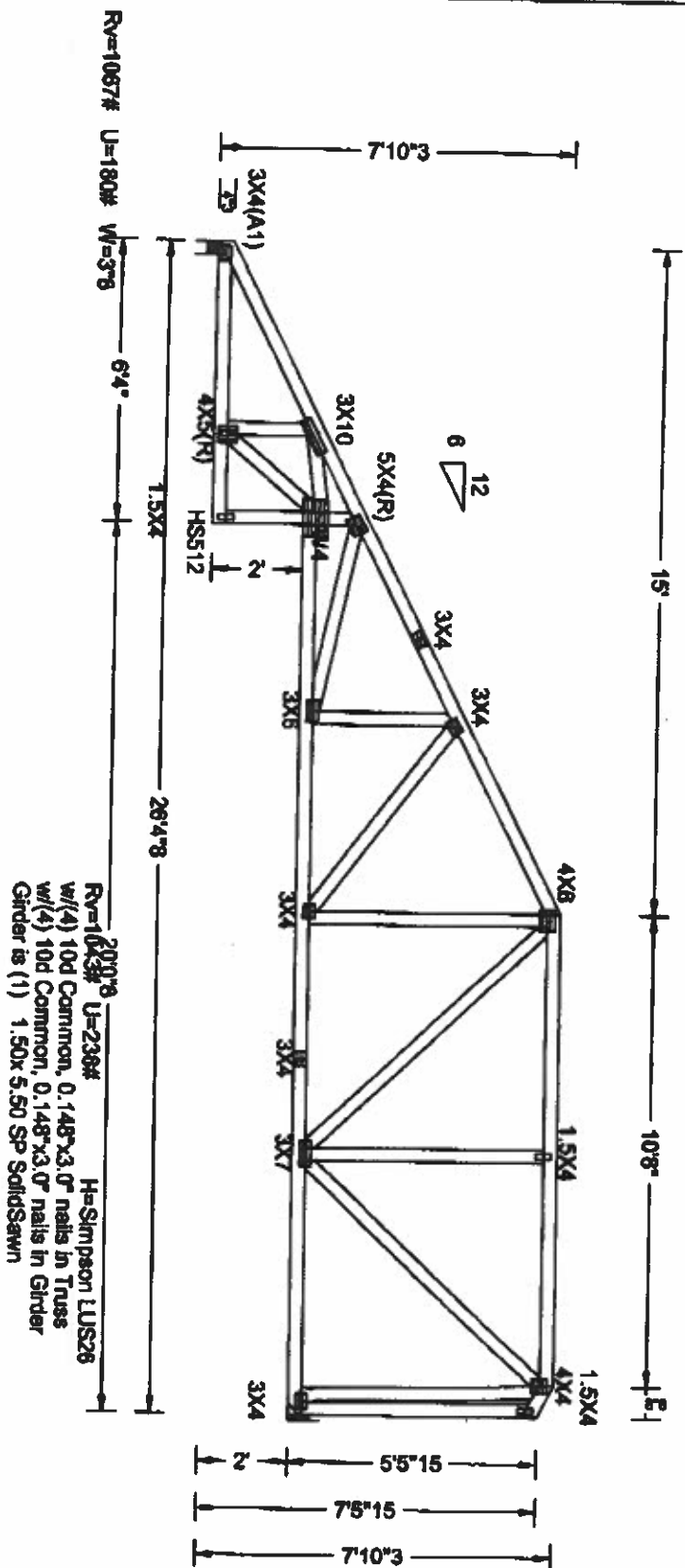
¹⁴ = recommended correction based on manufacturer tested capacities and calculations. Conditions may exist that require different corrections than indicated. Refer to manufacturer publication for additional information.

THIS DWG. PREPARED BY THE A/E/VE DESIGNER PROGRAM FROM THE USE OF A/E/C

110 mph wind, 15.00 ft mean ht, ASCE 7-99, CLOSED bdy, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC
DU=5.0 psf, wind BC D1=5.0 psf.

Right and vertical not exposed to wind pressure.

Deflection meets L260 five and L240 total load.



2009
RV=1043# U=236# H=Slmpson LUS28
Wt(4) 10d Common, 0.148"x3.0" nails in Truss
Wt(4) 10d Common, 0.148"x3.0" nails in Girder
Girder to (1) 1.50x 5.50 SP SolidSawn

TAG = T81
PLT. TYP. WAVE

FBC/TP1885(STD)

QTY=1 TOTAL=1

REV. 7.24.1230.17

SEQ = 118175
SCALE = 0.2500

[illegible][illegible][illegible]

TC LL	20.0psf	REF	
TC DL	10.0psf	DATE	07-25-2006
BC DL	10.0psf	DRWG	
BC LL	0.0psf		
TOT.LD.	40.0psf	Q/A LEN.	280x06
DUR.FAC.	1.25		
SPACING	24.0"	TYPE	COMB

Job: (5-378) DARRYL ALLEN / AS

Top chord 2x4 SP #2 Darryl

Bot chord 2x4 SP #2 Darryl

Web 2x4 SP #3 3/4 2x4 SP #2 Darryl

It is recommended connection based on manufacturing tested capacities and calculations. Conditions may differ than requires different connections than indicated. Refer to manufacturer publication for additional information.

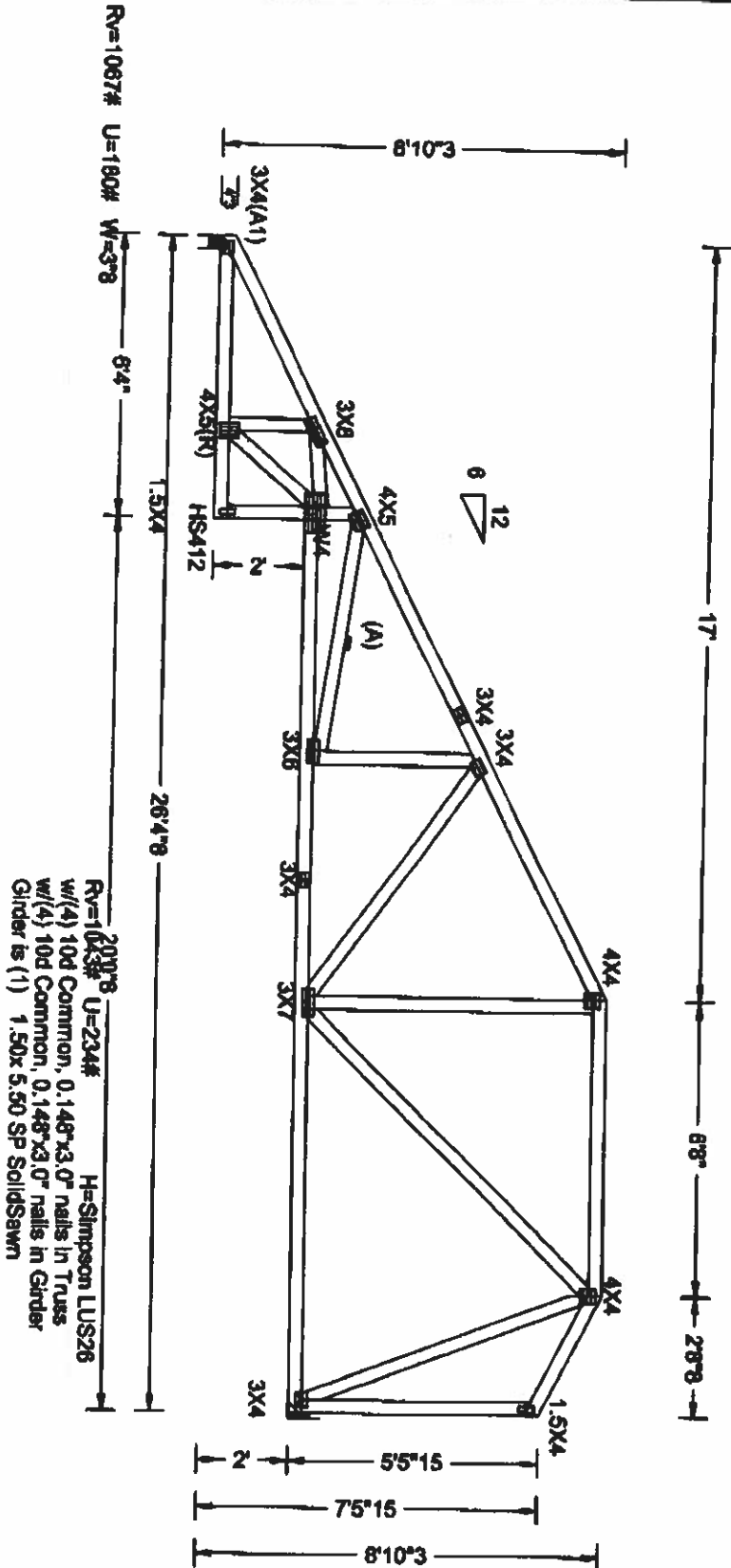
THIS DWG. PREPARED BY THE ALPINE JOB DESIGNER PROGRAM FROM TRUSS LAYOUT

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

Right and vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



RV=1067# U=180# W=3#8
H=1043# U=234#
H=Simpson LUS26
w/4) 10d Common, 0.148"x3.0" nails in Truss
w/4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1) 1.50x5.50 SP SolidSawn

TAG = TR2
PLT: TYP-WAVE

FBCTP1100(STD)

QTY= 1 TOTAL= 1

REV. 7.24.1230.17

SEQ = 116170
SCALE = 0.2500

TC LL	20.0psf	REF
TC DL	10.0psf	DATE 07-26-2006
BC DL	10.0psf	DRWG
BC LL	0.0psf	
TOT LD	40.0psf	CHA LEN 280408

DUR/FAC	1.25	
SPACING	24.0"	TYPE COMB



NATIONAL CERTIFIED TESTING LABORATORIES

1404 GEMINI BOULEVARD • ORLANDO, FLORIDA 32837
PHONE (407) 200-7000 • FAX (407) 246-3000
www.nctl.com

STRUCTURAL PERFORMANCE TEST REPORT

Report No: NCTL-210-2005-1
Test Date: 08-21-09
Report Date: 09-05-09
Expiration Date: 09-05-14
Revision Date: 01-21-12

Client: MI Home Products, Inc.
650 West Market Street
Orlando, FL 32804-0870

Test Specimen: MI Home Products Product Series "400" Type CCK Aluminum Sliding Glass Door
(SGL-035) (Single Glazed) (Steel Reinforced) (with and without sill fin)

Test Method: AAMA/NVWA F01/1.8.3.9, "Voluntary Specifications for Aluminum, Vinyl (PVC), and Wood Windows and Glass Doors"

Revision Note: Sill fin extension was revised from 1-1/8" to 1-1/4"

TEST SPECIMEN DESCRIPTION

General: The sample tested was a three (3) panel type CCK aluminum sliding glass door measuring 75-1/4" wide x 80-1/8" high overall. The active panel measured 50-1/8" wide by 71-1/8" high; the fixed panel measured 50-7/8" wide by 71-1/8" high. Frame and panel members were not thermally broken. A plastic spacer fin was used at each panel head/stile corner. The fixed panel was secured to the jamb with two (2) 8" long aluminum angle retainers each fastened to the jamb stile with two (2) (10 x 3/8") pan head screws. One (1) door type door lock assembly was located at 40" from the bottom of each active panel lock stile each with two (2) screws. One (1) adjustable metal roller assembly was used at each end of the active bottom rail. The frame was of double screw coped corner construction. Panel corners were of single screw at bottom rail and double screw at the top rail. The interior surface of the frame was on extruded minimum 1-1/4" high extension; on overall height of 80-1/8". One (1) aluminum panel retainer was fastened to the fixed panel but stile with two (2) (10 x 1/2") screws. One extruded panel adapter was fastened to the butt stile using five (5) (10 x 1/8") screws.

The frame was fastened to the wood test block using forty-eight (48) (8 x 1-1/2") screws (see diagram).

One (1) glass panel (float) reinforcing channel measured 1-1/2" x 3/4" x 3/4" x 1/2" thick fitted the panel adapter stile. One (1) (1/2" x 1/2" x 1/2") thick fitted the butt stile. Interlock with

PROFESSIONALS IN THE SCIENCE OF TESTING



Glasings: All panels were channel glazed using 3/16" thick clear tempered glass with a flexible vinyl glazing bead.

Weatherstrips: Double strips of centerfin weatherstrip (0.250" high) were located at each jamb, stile and lock stile. A double strip of centerfin weatherstrip (0.180" high) was located at each interlock stile. A double strip of centerfin weatherstrip (0.250" high) was located at each panel top rail. A double strip of stile fin weatherstrip (0.430" high) was located at each panel bottom rail. An adhesive back polyurethane dust plug measuring 1-1/2" x 2-1/2" x 0.430" was located on the head and sill at each end of the vertical stile exterior track.

Weights: One (1) wood notch measuring 1-1/2" x 1/2" x 1/2" was located at each end of the interior sill roller leg, exterior sill roller leg and screen sill roller leg.

Interior & Exterior Surface Finishes: Non-plated aluminum.

Sealant: Preme and panel bottom rail corners were sealed with a small joint sealant.

Inspect Screens: Two (2) insect screens, one (1) centerfin screen measuring 5'6" D x 7'11" high. Both were of vinyl coated construction. The screen assembly was placed in each panel with a hollow vinyl spline. One (1) roller assembly was located at each end of the bottom rails. One (1) close type lock assembly.

TEST RESULTS

Part No.	Field Test & Method	Required	Actual
2.2.1.6.1	Operating Force Center Active Panel		
	Top open	20 lbs	20 lbs
	In Motion	5 lbs	20 lbs
	Right Active Panel		
	Top open	20 lbs	20 lbs
	In Motion	5 lbs	20 lbs
2.2.1.6.2	Degassing - ASTM E987		
	Center Active Panel		
	Top Rail (50 lbs)	0.2% (0.0017)	<100%
	Bottom Rail (50 lbs)	7.1% (0.0007)	<100%
	Left Stile (70 lbs)	0.1% (0.0007)	<100%
	Right Stile (70 lbs)	0.1% (0.0007)	<100%
	Right Stile Panel		
	Meeting Rail (50 lbs)		
	Bottom Rail (50 lbs)		
	Left Stile (70 lbs)		
	Right Stile (70 lbs)		

TESTED BY: [Signature]
DATE: 11/2/72
[Stamp]

TEST RESULTS (Continued)

<u>Test No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
2.1.2	Air Infiltration 1.57 psf (25mph)	Passes	0.30 cfm/ft ²
2.1.3	Water Resistance - ASTM E547 5.0 gph/ft ² WTF=1.60 psf	No Entry	No Entry
2.1.4B	Uniform Load Structural - ASTM E598 45.0 psf Exterior 45.0 psf Interior	0.375" 0.375"	0.381" 0.381"

OPTIONAL PERFORMANCE

<u>Test No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3	Water Resistance - ASTM E547 & E598 5.0 gph/ft ² WTF=1.60 psf	No Entry	No Entry

Note: At this point in testing an additional test was attempted to the existing main wall's interior vertical leg with the following results being obtained:

<u>Test No.</u>	<u>Title of Test & Method</u>	<u>Measured</u>	<u>Allowed</u>
4.3	Water Resistance - ASTM E547 & E598 5.0 gph/ft ² WTF=1.60 psf	No Entry	No Entry
4.4.2	Uniform Load Structural - ASTM E598 52.5 psf Exterior 52.5 psf Interior	0.375" 0.375"	0.381" 0.381"

* Test performed with and without screens

TEST COMPLETED 06/21/00

Note: In addition, MI Home Products Series "400" and "450" also received an SGB-C35 rating being identical in panel construction and interior sill log design.



MI Home Products

NCIL-910-SD63-1

The tested specimen meets (or exceeds) the performance levels specified in Table 3.1 of AAMA/ NWWILA 101/LB.3-97 for air infiltration. The listed results were achieved by using the designated test methods and indicate compliance with the performance requirements of the referenced specification paragraphs for the SOD-C35 product designation.

Detailed drawings were available for laboratory records and compared to the test specimen at the time of this report. A copy of this report along with representative sections of the test specimen will be retained by NCIL for a period of four (4) years. The results obtained apply only to the specimen tested. No conclusions of any kind regarding the integrity or functionality of the glazing in the test specimen may be drawn from this test. This report does not constitute certification of the product which may only be granted by a certification program contractor.

Michael S. Lane
MICHAEL S. LANE
Division Manager



**AAMA/NWWDA 101/LS.2-97
TEST REPORT SUMMARY**

Rendered to:

MI HOME PRODUCTS, INC.

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

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

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

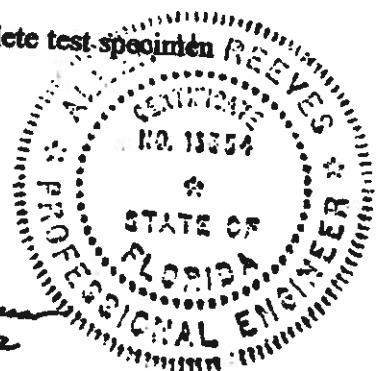
For ARCHITECTURAL TESTING, INC.

Mark A. Hess

Mark A. Hess, Technician

MAH:nlb

Allen M. Reeves
1 APRIL 2002



AAMA/NWWDA 101/LS.2-97 TEST REPORT

Rendered to

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

Report No: 01-41134.01
Test Date: 03/07/02
Report Date: 03/26/02
Expiration Date: 03/07/06

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

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

Test Specimen Description:

Series/Model: 650 Fin

Type: Aluminum Single Hung Window

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

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

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

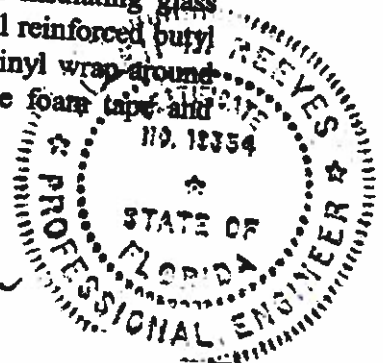
Screen Size: 4' 0-1/4" wide by 2' 11-1/8" high

Finish: All aluminum was white.

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

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com

Allen N. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

Weatherstripping:

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

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

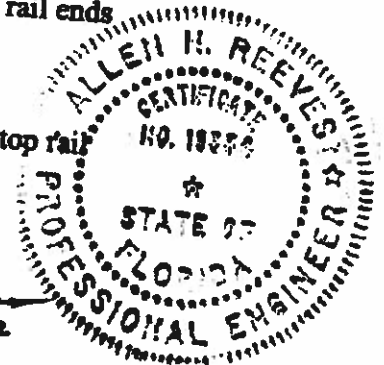
Sash Construction: The sash was constructed of extruded aluminum with coped, butted, and sealed corners fastened with two #8 x 1-1/2" screws through the rails into each jamb screw boss.

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

Hardware:

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

Allen H. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

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

Test Results:

The results are tabulated as follows:

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

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

	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 2.86 psf	No leakage	No leakage
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 33 seconds) @ 25.9 psf (positive) @ 34.7 psf (negative)	0.42"* 0.43"*	0.26" max. 0.26" max.

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

2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the meeting rail) (Loads were held for 10 seconds) @ 38.9 psf (positive) @ 52.1 psf (negative)	0.02" 0.02"	0.18" max. 0.18" max.
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Allen H. Reeves
1 APRIL 2002



Test Specimen Description: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.2	Deglazing Test (ASTM E 987) In operating direction at 70 lbs		
	Meeting rail	0.12"/25%	0.50"/100%
	Bottom rail	0.12"/25%	0.50"/100%
	In remaining direction at 50 lbs		
	Left stile	0.06"/12%	0.50"/100%
	Right stile	0.06"/12%	0.50"/100%
	Forced Entry Resistance (ASTM F 588-97)		
	Type: A		
	Grade: 10		
	Lock Manipulation Test	No entry	No entry
	Tests A1 through A5	No entry	No entry
	Test A7	No entry	No entry
	Lock Manipulation Test	No entry	No entry

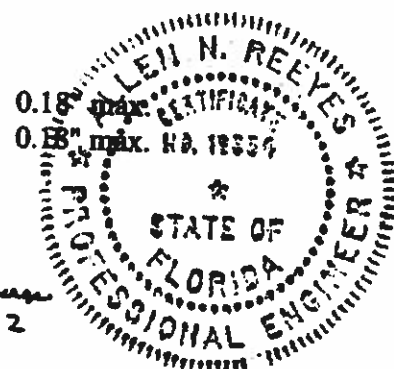
Optional Performance

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

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

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

Allen N. Reeves
1 APRIL 2002



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

For ARCHITECTURAL TESTING, INC:



Mark A. Hess
Technician

MAH:nlb
01-41134.01

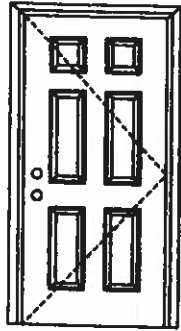


Allen N. Reeves, P.E.
Director - Engineering Services
1 APRIL 2002



WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



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

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

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

Design Pressure
+66.0/-66.0

Limited water unless special threshold design is used.

Large Missile Impact Resistance

Hurricane protective system (shutters) is NOT REQUIRED.

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

MINIMUM ASSEMBLY DETAIL:

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

MINIMUM INSTALLATION DETAIL:

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

APPROVED DOOR STYLES:



Flush



Arch Top 3-panel



3-panel



6-panel



New England 4-panel



Eyebrow 4-panel



8-panel



9-panel



16-panel



5-panel



5-panel with scroll



Eyebrow 6-panel



Eyebrow 6-panel with scroll

Johnson
EntrySystems

June 17, 2002

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



X

Opaque Outswing Unit

COP-WL-JH4121-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2178-1, 2, 3

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

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

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

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

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

COMPANY NAME
CITY, STATE

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

Kurt L Balthaz

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



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

Johnson
EntrySystems

June 17, 2002

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



Exclusively from

Masonite International Corporation

Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
<u>Optional Performance</u>			
4.3	Water Resistance (ASTM E 547-00) (with and without screen) WTP = 5.25 psf	No leakage	No leakage
	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds)		
	@ 35.3 psf (positive)	0.46"	0.41" max
	@ 47.2 psf (negative)	0.67"	0.41" max
<i>*Exceeds L/175 for deflection, but meets all other test requirements.</i>			
	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds)		
	@ 53.0 psf (positive)	0.03"	0.29" max
	@ 52.5 psf (negative)	0.02"	0.29" max

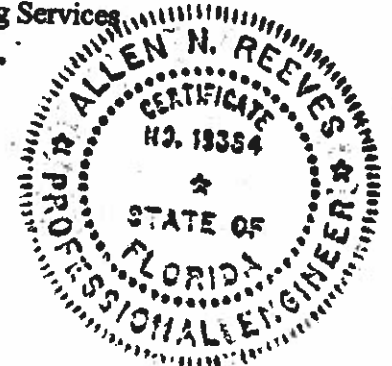
Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by ATI for a period of four years. The above results were secured by using the designated test methods and they indicate compliance with the performance requirements of the above referenced specification.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

For ARCHITECTURAL TESTING, INC.


Mark A. Hess
Technician

MAH:nlb
01-41641.01

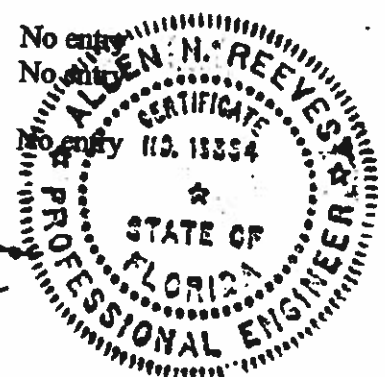

Allen N. Reeves, P.E.
Director - Engineering Services
7 June 2002



Test Results: (Continued)

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.1.4.1	Uniform Load Deflection (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 52 seconds) @ 15.0 psf (positive) @ 15.0 psf (negative)	0.15" 0.29"	0.41" max. 0.41" max.
2.1.4.2	Uniform Load Structural (ASTM E 330-97) (Measurements reported were taken on the mullion) (Loads were held for 10 seconds) @ 22.5 psf (positive) @ 22.5 psf (negative)	0.01" 0.01"	0.29" max. 0.29" max.
2.2 .6.2	Deglazing Test (ASTM E 987-88) In operating direction at 70 lbs Right sash, meeting rail Right sash, bottom rail Middle sash, meeting rail Middle sash, bottom rail Left sash, meeting rail Left sash, bottom rail In remaining direction at 50 lbs Right sash, right stile Right sash, left stile Middle sash, right stile Middle sash, left stile Left sash, right stile Left sash, left stile	0.12"/25% 0.12"/25% 0.12"/25% 0.12"/25% 0.12"/25% 0.12"/25% 0.06"/12% 0.06"/12% 0.06"/12% 0.06"/12% 0.06"/12% 0.06"/12%	0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100% 0.50"/100%
2 .8	Forced Entry Resistance (ASTM F 588-97) Type: A Grade: 10 Lock Manipulation Test Test A1 through A5 Test A7 Lock Manipulation Test	No entry No entry No entry No entry	No entry No entry No entry No entry

Allen N. Reeves
7 JUNE 2002



Test Specimen Description: (Continued)

Hardware:

<u>Description</u>	<u>Quantity</u>	<u>Location</u>
Metal cam lock with keeper	1	Midspan of each active meeting rail with adjacent keepers
Plastic tilt latch	2	Each active sash meeting rail ends
Metal tilt pin	2	Each active sash bottom rail ends
Balance assembly	2	Each active sash contained one in each jamb
Screen plunger	2	Each screen contained two 4" from rail ends on top rail

Drainage: Sloped sill

Reinforcement: No reinforcement was utilized.

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

Test Results:

The results are tabulated as follows:

<u>Paragraph</u>	<u>Title of Test - Test Method</u>	<u>Results</u>	<u>Allowed</u>
2.2.1.6.1	Operating Force	25 lbs	30 lbs max.
	Air Infiltration (ASTM E 283-91) @ 1.57 psf (25 mph)	0.16 cfm/ft ²	0.3 cfm/ft ² max.

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

Water Resistance (ASTM E 547-00)
(with and without screen)
WTP = 2.86 psf

No leakage

Allen N. Reeves
7 JUNE 2002



Test Specimen Description: (Continued)

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

Weatherstripping:

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

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

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

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





Architectural Testing

AAMA/NWWDA 101/LS.2-97 TEST REPORT

Rendered to

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

Report No: 01-41641.01
Test Date: 05/13/02
And: 05/16/02
Report Date: 06/05/02
Expiration Date: 05/16/06

Project Summary: Architectural Testing, Inc. (ATI) was contracted by MI Home Products, Inc. to witness testing on a Series/Model 650, aluminum triple single hung window at their facility located in Elizabethville, Pennsylvania. The sample tested successfully met the performance requirements for a H-R35 112 x 72 rating.

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

Test Specimen Description:

Series/Model: 650

Type: Aluminum Triple Single Hung Window

Overall Size: 9' 3-1/2" wide by 5' 11-11/16" high

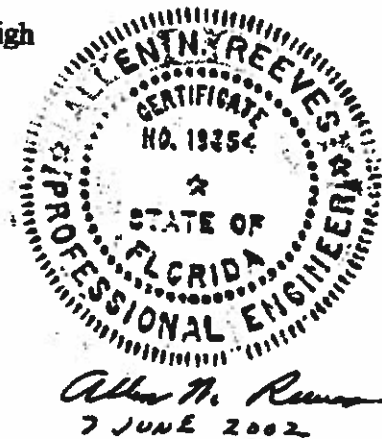
Active Sash Size (3): 3' 0-1/4" wide by 2' 10-3/4" high

Fixed Daylight Opening Size (3): 2' 8-1/4" wide by 2' 9-1/8" high

Screen Size (3): 2' 9-1/8" wide by 2' 11" high

Finish: All aluminum was painted white.

130 Derry Court
York, PA 17402-9405
phone: 717.764.7700
fax: 717.764.4129
www.archtest.com



**AAMA/NWDA 101/LS.2-97
TEST REPORT**

Rendered to:

MI HOME PRODUCTS, INC.

SERIES/MODEL: 650

TYPE: Aluminum Triple Single Hung Window

Title of Test	Summary of Results
AAMA Rating	H-R35 112 x 72
Uniform Load Deflection Test Pressure	+35.3 psf -47.2 psf
Operating Force	25 lb max.
Air Infiltration	0.16 cfm/ft ²
Water Resistance Test Pressure	5.25 psf
Uniform Load Structural Test Pressure	+53.0 psf -52.5 psf
Deglazing	Passed
Forced Entry Resistance	Grade 10

Reference should be made to ATI Report No. 01-41641.01 for complete description and data.

Allen H. Reeves
7 JUNE 2002





SOS Item No.: 89087
Lead Time: 24 Days



Improving Home Improvement

Holmes Garage Door Company



Excellence Since 1920™

Phone: 1-877-266-8490
Fax: 1-800-526-1618

LOWE'S WINDCODE® RESIDENTIAL RETAIL PRICING



W3 WINDCODE® Price List

Design Load PSF +19 to +22

Test Load PSF +29 to +33

FEATURES:

- Approximately 110 MPH Test Wind Speed
- Approved up to 16' Wide and 8' High
- Heavier Grade Track
- Upgraded 14 Gauge Hinges (As Needed)
- Required Steel Reinforcement Struts
- Additional Stiles (As Needed)
- Upgraded Springing
- Commercial Duty 10 Ball Steel Rollers
- Approved Drawings Available At Your Local Distribution Center

W3 SOLID		6'6" TO 7'0" HIGH DOORS									7'6" TO 8'0" HIGH DOORS								
Model No.		WIDTH									WIDTH								
		8'	9'	10'	12'	14'	15'	16'	17'	18'	8'	9'	10'	12'	14'	15'	16'	17'	18'
42 W3		—	—	468	538	570	593	644	—	—	—	—	512	648	698	738	769	—	—
48 W3		—	—	565	653	754	755	782	—	—	—	—	673	824	932	956	974	—	—
52 W3		—	—	524	657	751	778	790	—	—	—	—	667	804	924	931	941	—	—
62, 64B, 65 W3		438	474	643	781	861	896	910	—	—	520	568	790	929	1035	1096	1135	—	—

Models in shaded area not available.

Models in shaded area not available.

Window options: available with single strength clear glass — refer to Window Chart, page 7.

Each door includes two point locking; door cannot be purchased without two point locking.

All doors over 9' wide include EZ-Set Torsion Spring System™.

*Door does not include the EZ-Set Torsion Spring System™ due to weight restriction — door does include standard torsion springs.

Consult your local building codes for specifications.

For door specifications and other options refer to standard price list.

WC6

Effective November 1, 2002

Subject to change without notice

FOR ASSISTANCE CALL 1-877-266-8490 FAX 1-800-526-1618

Vendor #15559

Revision Date: 01-01-03; Page: 6 of 10



Changes to the Owens Corning OAKRIDGE®
Architectural shingle line, effective November 1, 2001



OLD Product Name	New Product Features	Shadowline Change
Oakridge® 25 • 25-year Warranty • 60 mph Wind Resistance Coverage	Oakridge Pro 30™ (name change) • 30-year Warranty • 70 mph Wind Resistance Coverage	No change; soft shadowline with muted color blends
Oakridge® 30 • 30-year Warranty • 80 mph Wind Resistance Coverage	Oakridge Pro 40™ (name change) • 40-year Warranty • 80 mph Wind Resistance Coverage	No change; darker shadowline with more distinct color blends
Oakridge® 40 • 40-year Warranty • 80 mph Wind Resistance Coverage	Oakridge Pro 50™ (name change) • 50-year Warranty • 90 mph Wind Resistance Coverage	No change; patented double shadowline with distinct color blends

- these warranty changes are effective with roofs installed beginning November 1, 2001 regardless of package or literature notation (example, if an Oakridge 25 was sold and delivered to the jobsite and the roof was installed November 1, 2001 or after, the product is warranted for 30 years regardless if the package says Oakridge 25)
- updated package and literature materials to follow in the next several weeks.
- please note that there are NO shadowline or color blend changes; our Good-Better-Best product line aesthetics are still the same. This is NOT a DO-NOT-MIX situation. Only the wrappers and warranties are changing.
- use this document to help contractors and homeowners understand our changes or have them call 1-800-GET-PINK for more information.



SOS Item No.: 89087
Lead Time: 24 Days



Improving Home Improvement

Holmes Garage Door Company



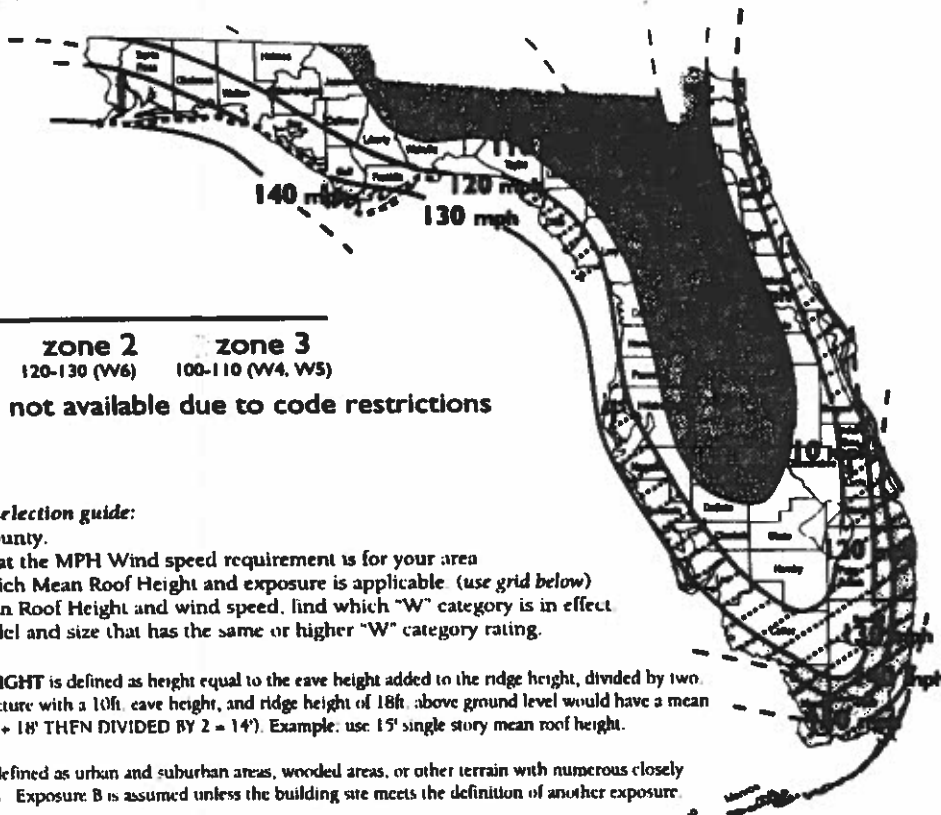
Excellence Since 1920

Phone: 1-877-266-8490
Fax: 1-800-526-1618

LOWE'S WINDCODE® RESIDENTIAL RETAIL PRICING



WINDCODE® Product Map/ Selection Guide



zone 1 zone 2 zone 3
140-146 (W7, W8) 120-130 (W6) 100-110 (W4, W5)

⊗ windows not available due to code restrictions

How to use this selection guide:

1. Locate your county.
2. Determine what the MPH Wind speed requirement is for your area
3. Determine which Mean Roof Height and exposure is applicable. (use grid below)
4. Using the Mean Roof Height and wind speed, find which "W" category is in effect.
5. Select the model and size that has the same or higher "W" category rating.

*MEAN ROOF HEIGHT is defined as height equal to the eave height added to the ridge height, divided by two. For example, a structure with a 10ft. eave height, and ridge height of 18ft. above ground level would have a mean height of 14ft. $(10' + 18' \text{ THEN DIVIDED BY } 2 = 14')$. Example: use 15' single story mean roof height.

*EXPOSURE B is defined as urban and suburban areas, wooded areas, or other terrain with numerous closely spaced obstructions. Exposure B is assumed unless the building site meets the definition of another exposure.

*EXPOSURE C is defined as open terrain with scattered obstructions including flat open ground, grasslands, and shorelines in hurricane prone regions, and all of Miami-Dade and Broward CO. is EXPOSURE C
** - BROWARD CO. IS 140 MPH AND MIAMI-DADE CO IS 146 MPH.

FLORIDA BUILDING CODE (ASCE7-98)- EXPOSURE B*

MEAN ROOF HEIGHT +	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH
Up to 15' ONE-STORY	W3	W3	W4	W5	W6	W7
Up to 25' TWO-STORY	W3	W3	W4	W5	W6	W7

FLORIDA BUILDING CODE (ASCE7-98)- EXPOSURE C*

MEAN ROOF HEIGHT +	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH**	146 MPH**	150 MPH
Up to 15' ONE-STORY	W3/W4	W4	W5	W6	W7	W7	W8
Up to 25' TWO-STORY	W4	W5	W6	W7	W7	W8/W9	W9/W10

1999 STANDARD BUILDING CODE (Code for all states excluding Florida)

MEAN ROOF HEIGHT +	70 MPH	80 MPH	90 MPH	100 MPH	110 MPH
Up to 15' ONE-STORY	W3	W3	W3	W4	W5
Up to 25' TWO-STORY	W3	W3	W4	W5	W6

This map is to be used as a guideline only. Contact your local building official for code details and building permit information.

WC4

FOR ASSISTANCE CALL 1-877-266-8490 FAX 1-800-526-1618

Effective November 1, 2002

Subject to change without notice

Vendor #15559

Revision Date: 01-01-03; Page: 4 of 10

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:1SQQ487-Z0223160327

Truss Fabricator: Anderson Truss Company
Job Identification: 5-378-DARRYL ALLEN
Truss Count: 65
Model Code: Florida Building Code
Truss Criteria: ANSI/TPI-1995(STD)/FBC
Engineering Software: Alpine Software, Versions 7.04, 7.02.
Structural Engineer of Record:
Address:
Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
Floor - N/A
Wind - 110 MPH ASCE 7-98 -Closed



Seal Date: 09/23/2005

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: HCUSR487

-Truss Design Engineer-
Denise Rutledge
Florida License Number: 58752
1950 Marley Drive
Haines City, FL 33844

Details: CNBRGBLK-BRCLBSUB

#	Ref	Description	Drawing#	Date
1	14279--A1		05266015	09/23/05
2	14280--A2		05266016	09/23/05
3	14281--A3		05266017	09/23/05
4	14282--A4		05266018	09/23/05
5	14283--A5		05266019	09/23/05
6	14284--A6		05266020	09/23/05
7	14285--A7		05266021	09/23/05
8	14286--A8		05266022	09/23/05
9	14287--B1		05266023	09/23/05
10	14288--B2		05266024	09/23/05
11	14289--B3		05266025	09/23/05
12	14290--B4		05266026	09/23/05
13	14291--B5		05266027	09/23/05
14	14292--B6		05266028	09/23/05
15	14293--B7		05266029	09/23/05
16	14294--B8		05266030	09/23/05
17	14295--B9		05266004	09/23/05
18	14296--B10		05266005	09/23/05
19	14297--C1		05266031	09/23/05
20	14298--C2		05266006	09/23/05
21	14299--C3		05266007	09/23/05
22	14300--C4G		05266032	09/23/05
23	14301--D1		05266033	09/23/05
24	14302--D2		05266008	09/23/05
25	14303--D3		05266009	09/23/05
26	14304--D4		05266034	09/23/05
27	14305--D5		05266035	09/23/05
28	14306--D6		05266036	09/23/05
29	14307--D7		05266037	09/23/05
30	14308--DD1		05266038	09/23/05
31	14309--HJ7		05266039	09/23/05
32	14310--HJD		05266040	09/23/05
33	14311--HJA		05266041	09/23/05
34	14312--HJ5		05266042	09/23/05
35	14313--HJDD		05266043	09/23/05
36	14314--EJ7		05266044	09/23/05

#	Ref	Description	Drawing#	Date
37	14315--EJD		05266045	09/23/05
38	14316--J7D		05266046	09/23/05
39	14317--EJ5		05266047	09/23/05
40	14318--J5		05266048	09/23/05
41	14319--J4D		05266049	09/23/05
42	14320--J3D		05266050	09/23/05
43	14321--J3A		05266051	09/23/05
44	14322--HJ3		05266052	09/23/05
45	14323--J6D		05266053	09/23/05
46	14324--EJ3		05266010	09/23/05
47	14325--J2D		05266054	09/23/05
48	14326--J3		05266011	09/23/05
49	14327--J2A		05266055	09/23/05
50	14328--J5D		05266056	09/23/05
51	14329--HJS		05266057	09/23/05
52	14330--EJS		05266058	09/23/05
53	14331--J1		05266059	09/23/05
54	14332--J1D		05266060	09/23/05
55	14333--J1A		05266061	09/23/05
56	14334--K1		05266062	09/23/05
57	14335--K2		05266012	09/23/05
58	14336--K3		05266063	09/23/05
59	14337--K4		05266064	09/23/05
60	14338--R1		05266065	09/23/05
61	14339--R2		05266013	09/23/05
62	14340--R3		05266066	09/23/05
63	14341--R4		05266014	09/23/05
64	14342--R5G		05266067	09/23/05
65	14343--S1		05266068	09/23/05



Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844

Florida Engineering Certificate of Authorization Number: 567

Page 1 of 1 Document ID:1SQQ487-Z0223160327

Truss Fabricator: Anderson Truss Company
Job Identification: 5-378-DARRYL ALLEN (5-378|-5-378-DARRYL ALLEN)

Truss Count: 3

Model Code: Florida Building Code

Truss Criteria: ANSI/TPI-1995(STD)/FBC

Engineering Software: Alpine Software, Versions 7.04, 7.02.

Structural Engineer of Record:

Address:

Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration

Floor - N/A

Wind - 110 MPH ASCE 7-98 -Closed

Notes:

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

Seal Date: 09/23/2005

-Truss Design Engineer-
Denise Rutledge

Florida License Number: 58752

1950 Marley Drive

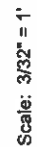
Haines City, FL 33844

Revised Trusses

#	Ref	Description	Drawing#	Date
1	14331--J1		05266059	09/23/05
2	14333--J1A		05266061	09/23/05
3	14343--S1		05266068	09/23/05

ALPINE





JOB NO: 5-378

PAGE NO: 1 OF 1

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:

Bottom chord 2x8 SP SS

Webs 2x4 SP #3 :W3, W11, W13 2x4 SP #2 Dense:

10 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

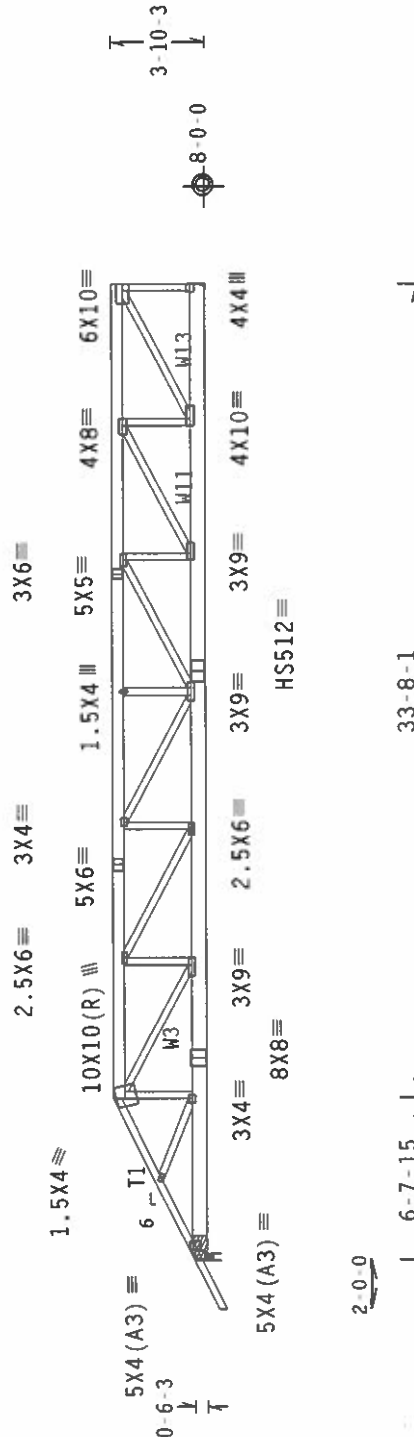
Calculated vertical deflection is 0.51" due to live load and 0.52" due to dead load at X = 23'-6"-0".

Bearing blocks: Nail type: 12d Box or Gun (0.128"x3.25", min.) nails
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE
1 0.000' 1 12" 4 Match Truss
Bearing block to be same size and species as bottom chord.
Refer to drawing CMBRBLK1103 for additional information.

Right end vertical not exposed to wind pressure.

#1 hip supports 6-7-15 jacks with no webs.

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



R-3348 U-612 W=3.5"

40'-4-0" Over 2 Supports

R-3333 U-575 H-Simpson HUS26
w/ (6) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (2) 2x8 min. So.Pine

LT TYP. 20 Gauge HS, Wave TPI Design Crit: TPI-1995 (STD) / FBC

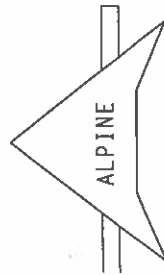
7.04.080

FL / -3 / -1 - R / -

Scale = .125" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-03 (BUILDING COMPONENT SAFETY INFORMATION). PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 D'UNFOY DR., SUITE 200, WAUWATONIA, WI 53190, AND WICA (WOOD TRUSS COUNCIL OF AMERICA), 10000 W. 100TH AVE., SUITE 100, WILSON, WI 53190. FOR SAFETY PRACTICES PRIOR TO INSTALLATION, THE USER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/16GA (W.H/S/X) ASTM A653 GRADE 40/60 (N. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN 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 Main Street
Haines City, FL 33844

FL Certificate of Authorization # 567



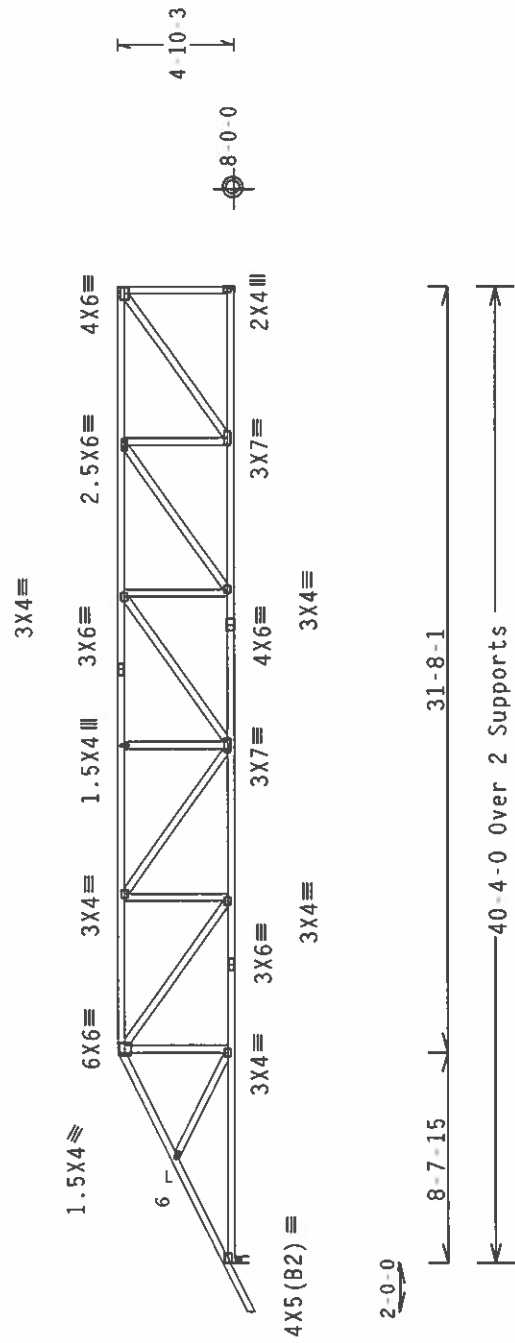
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BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN	36982	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1S00487_202	

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

recommended connection based on manufacturer tested capacities and
ulations. Conditions may exist that require different connections
in indicated. Refer to manufacturer publication for additional information.

110 mph wind, 10.18 ft mean hgt, ASCE 7-98, 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.

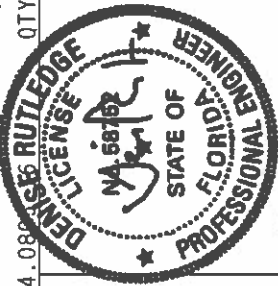
Right end vertical not exposed to wind pressure.
Deflection meets L/360 live and L/240 total load.



R-1753 U=317 W=3.5"

R-1601 U=302 H-Simpson HUS26
w/ (6) 10d Common, 0.148"x3.0" nails in Truss
w/ (14) 10d Common, 0.148"x3.0" nails in Girder
Girder is (2) 2X6 min. So.Pine

I TYP. Wave IPI		Design Crit: TPI-1995(STD)/FBC		7.04.08		QTY: 1		FL/-/3/-/-/R/-		Scale = .125"/Ft.	
TC LL		20.0 PSF		REF		R487--		14280			
TC DL		10.0 PSF		DATE		09/23/05					
BC DL		10.0 PSF		DRW		HCUSR487		05266016			
BC LL		0.0 PSF		HC-ENG		JB/ADR					
TOT.LD.		40.0 PSF		SECN		36966					
DUR.FAC.		1.25									
SPACING		24.0"		JREF		1S00487_Z02					



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 583 DOWNEY DR., SUITE 200, ANDERSON, SC 29625, FOR TRUSS CONNECTIONS. ALL TRUSSES SHALL BE MANUFACTURED, ASSEMBLED, AND SHIPPED IN ACCORDANCE WITH THE TPI TRUSS MANUFACTURING AND SHIPPING SPECIFICATIONS. UNLESS OTHERWISE SPECIFIED, TOP CHORDS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/766A (W.H/5/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.2. MANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SEC.3. A SEAL ON THIS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE
Alpine Engineered Products, Inc.
1960 N. Hwy 1 Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 11.10 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

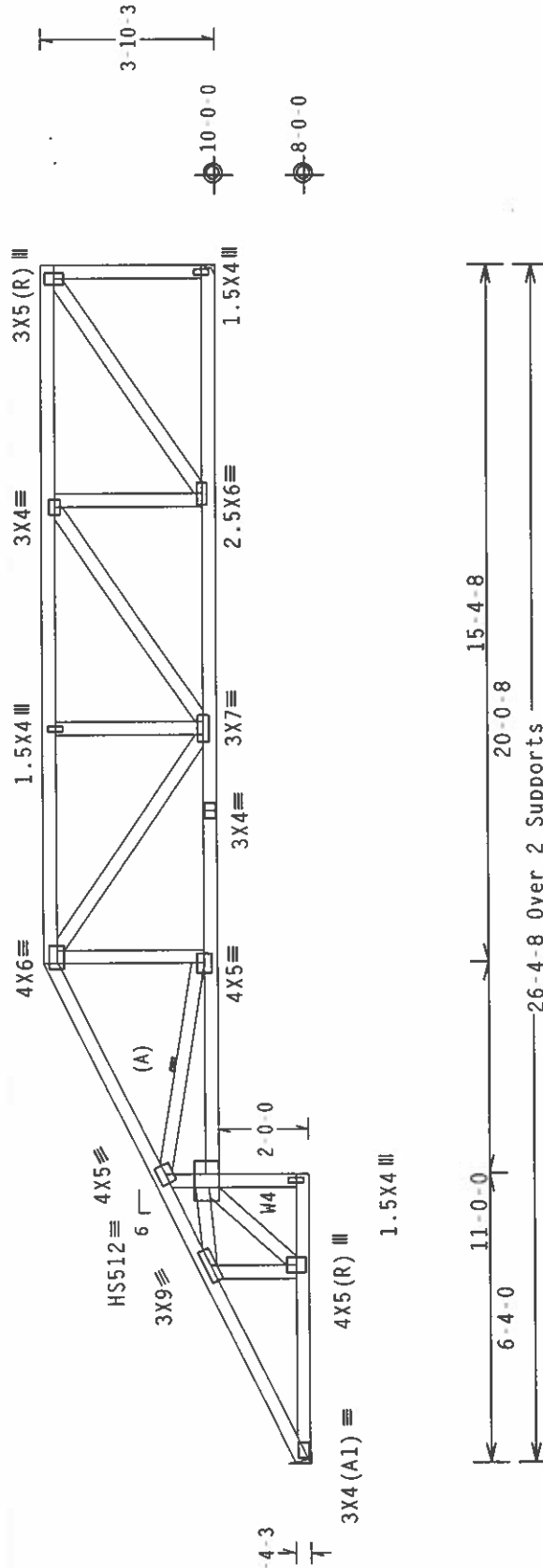
Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:

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

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

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.



R=1065 II=180 H=SIMPSON HUS26

w/ (4) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

R-1045 U-207 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0
w/ (4) 10d Common, 0.148"x3.0
Girder is (1)2X6 min. So.Pine

PIT TYP. 20 Gauge HS. Wave TPI

Wave TPI
Design Crit: TPI-1995(STD)/FBC

QTY:1 FL/-/3/-/1-/R/-/

Scale = .25"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PEAKE INSTITUTE, 583 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6100 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 TOP CHORD CEILING.

TC LL	20.0 PSF	REF	R487 -	14281
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266017
BC LL	0.0 PSF	HC	ENG JB/ADR	
TOT.LD.	40.0 PSF	SEQN-	36954	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1S0Q487_Z02	

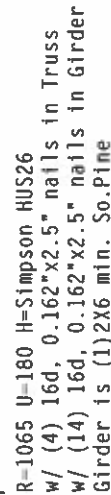


op chord 2x4 SP #2 Dense
 at chord 2x4 SP #2 Dense
 Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:

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

110 mph wind, 12.10 ft mean hgt, ASCE 7-98, CLOSO
within 4.50 ft from roof edge, CAT II, EXP B, wi
BC DL=5.0 psf.
Right end vertical not exposed to wind pressure.

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



R-1045 U-214 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0
w/ (4) 10d Common, 0.148"x3.0
Girder is (1)2X6 min. So.Pine

LT TYP. 20 Gauge HS.Wave TPI

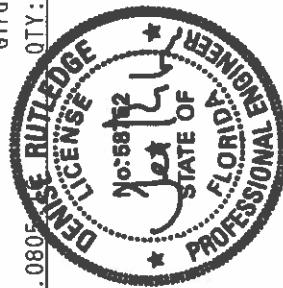
Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 FL/-/3/-/1/-/R/-

Scale = .25"/Ft.

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BC DL	10.0 PSF	DRW	HCUSR487 05266019
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	36922
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SQ487_Z02



Sep 23 '05

TRFE 1500487 702

AL

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

FL. Certificate of Authorization # S67

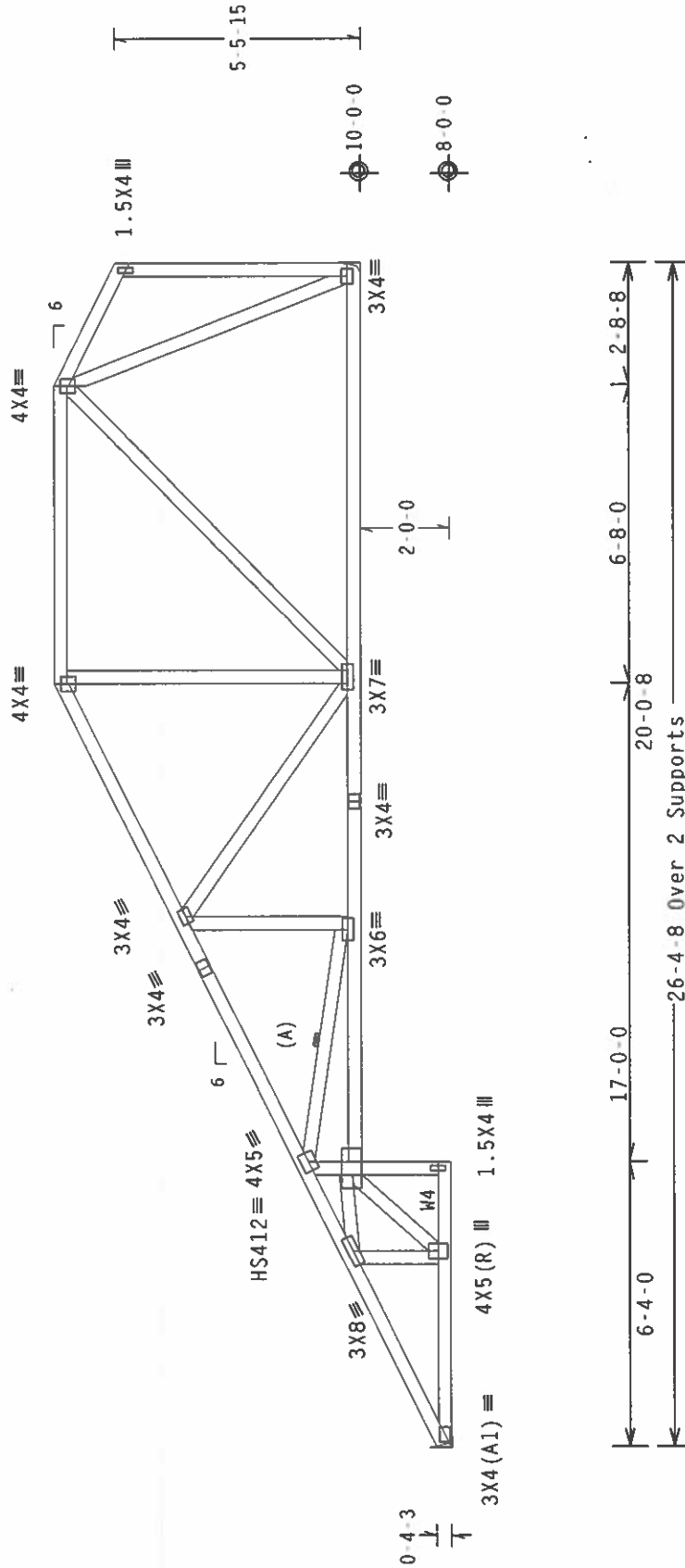
110 mph wind, 12.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



R-1065 U=180 H=Simpson HUS26
w/ (4) 16d, 0.162"x2.5" nails in Truss
w/ (14) 16d, 0.162"x2.5" nails in Girder
Girder is (1)2X6 min. So.Pine

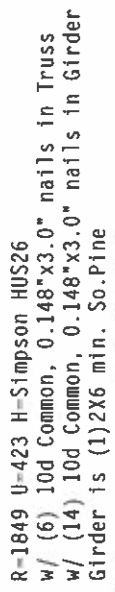
R=1045 U-210 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (12X6 min. So.Pine

PLT TYP 20 Gauge HS Wave TPI
Design Crit: TPI-1995(STD)/FBC
7.04.0805
FL/-3/-/R/-
QTY:1
Scale = .25"/Ft.

TC LL	20.0 PSF	REF R487-- 14284
TC DL	10.0 PSF	DATE 09/23/05
BC DL	10.0 PSF	DRW HCUR487 05256020
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN 36856
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1SQ487_Z02



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



LT TYP. Wave TPI	 ALPINE Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844	Design Crit: TPI-1995(STD)/FBC 7.04.0805 QTY: 1 FL/-3/-/R/- Scale = .3125"/Ft.	WARNING** BRUSSES 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'AMORIO DR., SUITE 200, MADISON, WI 53719) AND NCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING. ** IMPORTANT ** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR AERPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018T/18GA (N-R/S/K) ASH A653 GRADE 40/60 (M, K/M-S) GALT. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIAMONDS 10DA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1P11-2002 SECC3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SELECT IF THE TRUSS COMPONENT DESIGNER SIGN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 7.	DATE 09/23/05 DRW HCUSR487 05266023 HC-ENG JB/ADR SEQN- 36434 DUR.FAC. 1.25 SPACING 24.0" JREF- 1SQ0487_Z02
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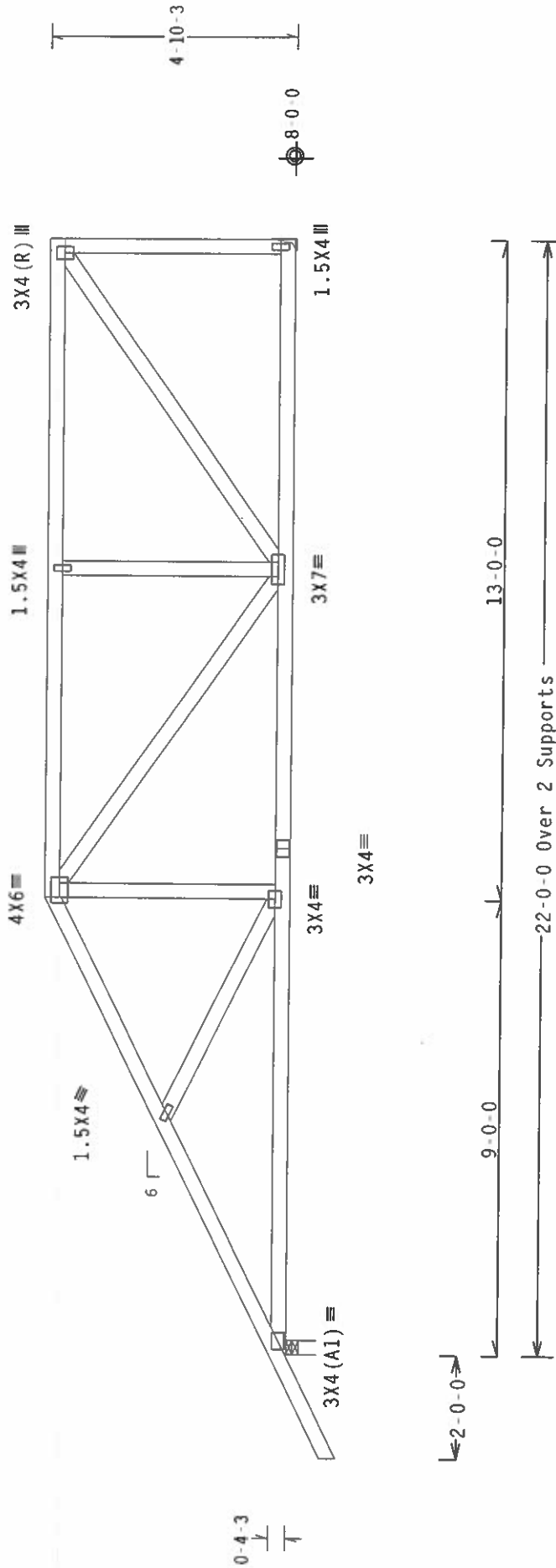
Top chord	2x4	SP	#2	Dense
Bot chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3

110 mph wind, 10.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, Exp B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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

Right end vertical not exposed to wind pressure.

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



R-861 U=180 H=Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FRC

7 04 0805

QTY:1 FL/-/3/-/1-/R/-

Scale = .3125"/Ft.

TC LL	20.0	PSF	REF	R487 -	14288
TC DL	10.0	PSF	DATE	09/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05266024
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEON	36443	
DUR.FAC.	1.25				
SPACING	24.0"		IRREF	1500487	702



Sep 23 05

IRFF - 1500487 702

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive

1950 Marley Drive
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # 567

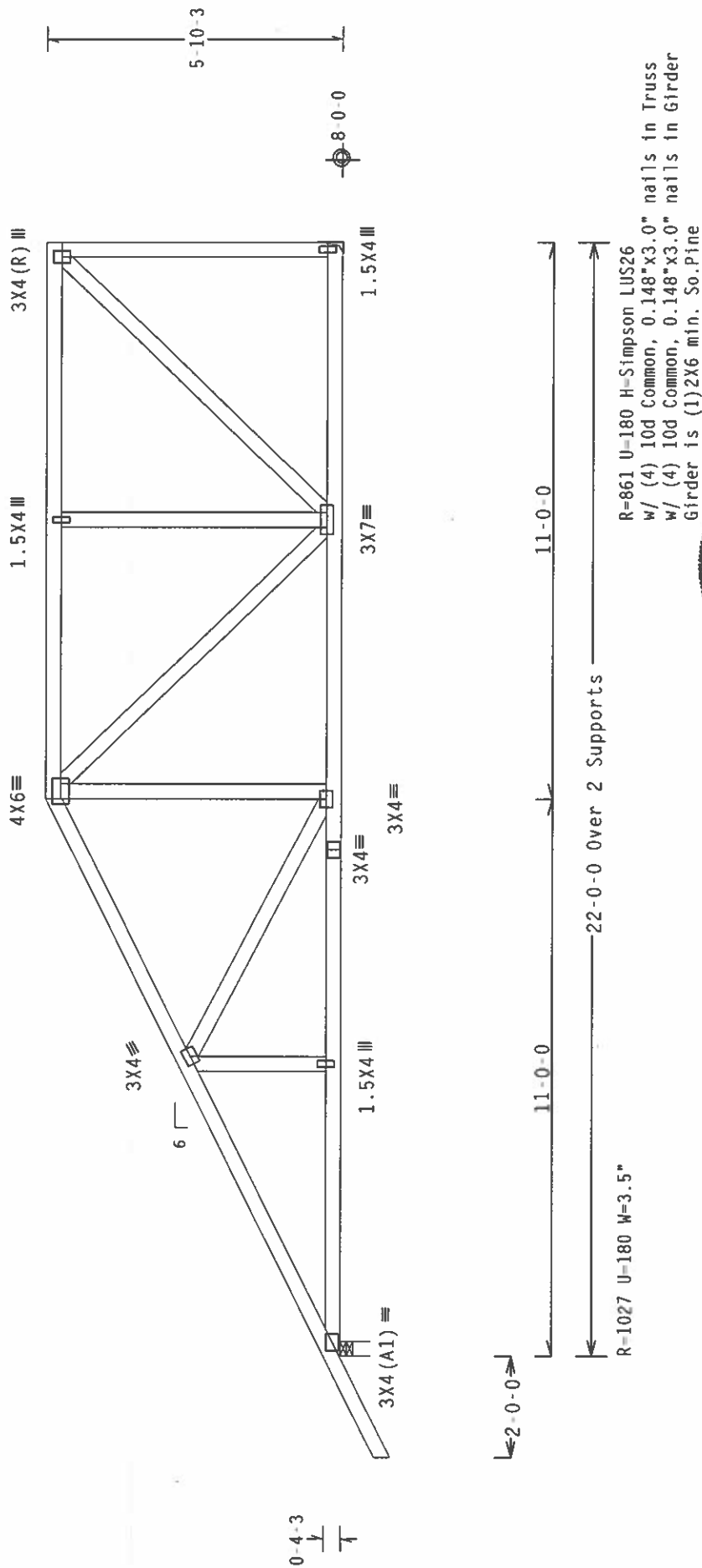
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 10.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0807

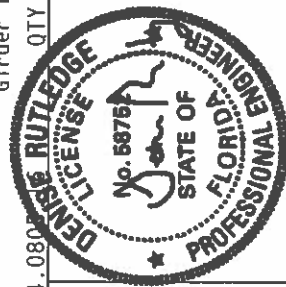
QTY: 1 FL/-3/-1-/R/-

Scale = .3125"/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 WEA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO CONFORM WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS SHALL BE MADE OF 20/18/16/14 (IN W/2/13) ASTM A663 GRADE 40/50 (IN W/2/13) GALV. STEEL. ALPINE TRUSS CONNECTION PLATES ARE MADE OF 20/18/16/14 (IN W/2/13) ASTM A663 GRADE 40/50 (IN W/2/13) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1004.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC. 3. A SEAL ON THIS ANNEXORING 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.

R-861 U-180 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So. Pine



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

REF	R487-- 14289
DATE	09/23/05
DRW	HCUSR487 05266025
HC-ENG	JB/ADR
SEON	36457
JREF	1500487_202

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

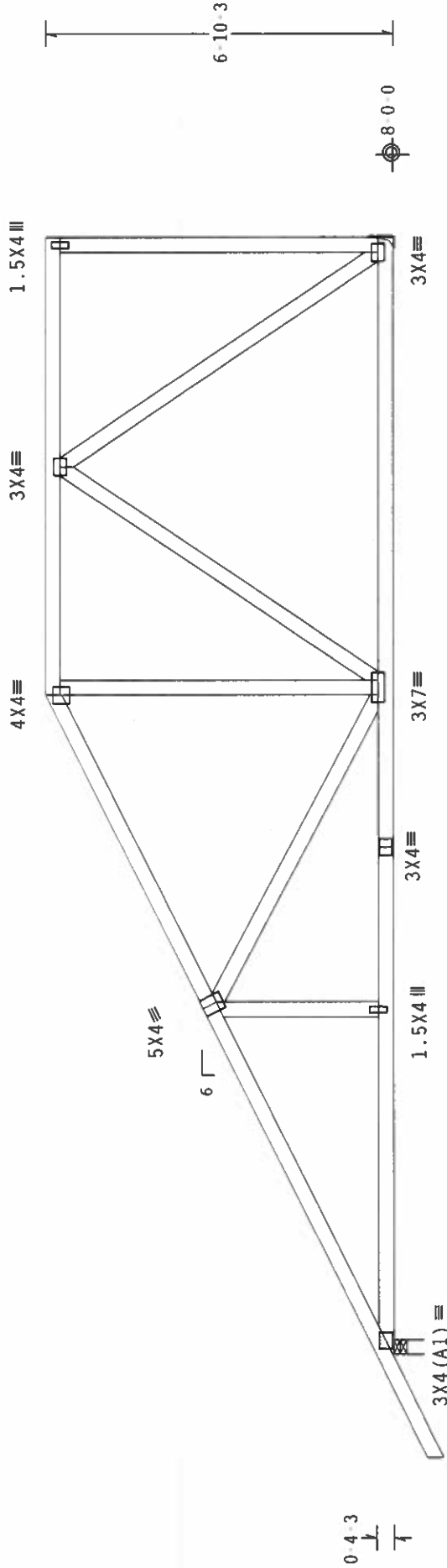
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 11.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.

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

Right end vertical not exposed to wind pressure.

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



L=2'-0-0

13'-0-0

9'-0-0

22'-0-0 Over 2 Supports

R-1027 U=180 W=3.5"

R-861 U-182 H-Simpson LUS26
w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7-04-0805

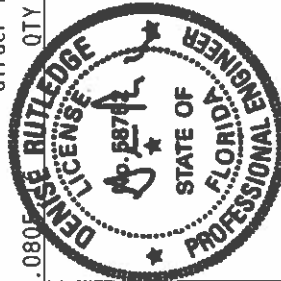
Scale = .3125"/Ft.

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, 503
D'ONOFRI 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.
PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE
TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY AF&PA) AND TPI.
CORRECTION PLATES ARE MADE OF 2016/16/16GA (W/25/7) ASTM A553 GRADE 50/68 (W/ 4/13) GALV. STEEL. APPLICABLE
CORRECTION PLATES SHALL BE FOLLOWED BY THE INSTALLER. THE INSTALLER SHALL BE RESPONSIBLE FOR PERFORMING THE
AN INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC. 3. A SEAL ON THIS
DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

Alpine Engineered Products, Inc.
1980 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



Sep 23 '05

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

REF	R487-- 14290
DATE	09/23/05
DRW	HCUSR487 0526026
HC-ENG	JB/ADR
SEON	36468
JREF	1500487_Z02

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

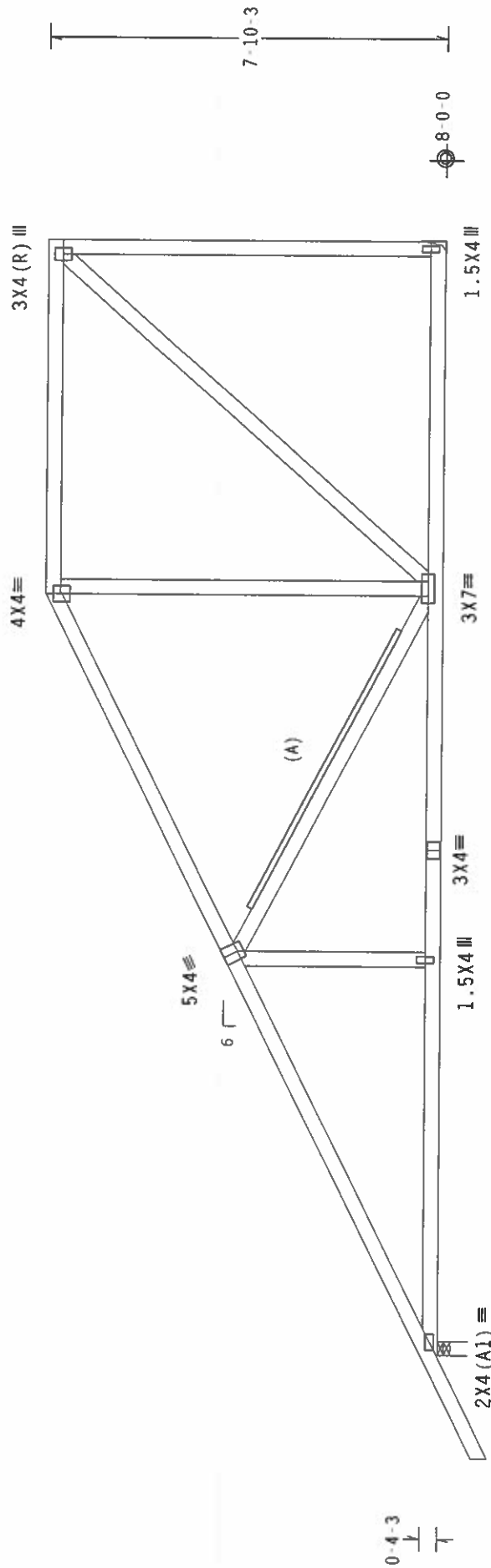
H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

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

110 mph wind, 11.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

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



750

15-0-0

7-0-0

22-0-0 Over 2 Supports

R=1027 H=180 W=35"

R=861 U=196 H=Simpson LUS26

w/ (4) 10d Common, 0.148"x3.0" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. So.Pine

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/F8C

508

QTY:1 FL1-131-1-1R1-

Scale = .3125"/ft.

WARNING— TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO 9-511.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 363 D'ONOFIO RD., SUITE 200, MADISON, WI 53719, AND MECA VIDEO T-55 (COUNCIL OF AMERICA, 600 ENTERPRISE CN., 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 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 DETAILATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI: OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN CONFORMANCE WITH APPLICATIONS OF MDS (NATIONAL DESIGN SPEC. BY AISC) AND TPI: ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE CONNECTIONS TO THE BUILDING. PROVIDE 18 GA. (16.77 OZ./SQ. FT.) ASTM A653 GRADE 40/50 (40, 40/50) GALV. STEEL. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN, POSITION PER DRAWINGS 160A-2, 160A-3, 160A-4, 160A-5, 160A-6, 160A-7, 160A-8, 160A-9, 160A-10, 160A-11, 160A-12, 160A-13, 160A-14, 160A-15, 160A-16, 160A-17, 160A-18, 160A-19, 160A-20, 160A-21, 160A-22, 160A-23, 160A-24, 160A-25, 160A-26, 160A-27, 160A-28, 160A-29, 160A-30, 160A-31, 160A-32, 160A-33, 160A-34, 160A-35, 160A-36, 160A-37, 160A-38, 160A-39, 160A-40, 160A-41, 160A-42, 160A-43, 160A-44, 160A-45, 160A-46, 160A-47, 160A-48, 160A-49, 160A-50, 160A-51, 160A-52, 160A-53, 160A-54, 160A-55, 160A-56, 160A-57, 160A-58, 160A-59, 160A-60, 160A-61, 160A-62, 160A-63, 160A-64, 160A-65, 160A-66, 160A-67, 160A-68, 160A-69, 160A-70, 160A-71, 160A-72, 160A-73, 160A-74, 160A-75, 160A-76, 160A-77, 160A-78, 160A-79, 160A-80, 160A-81, 160A-82, 160A-83, 160A-84, 160A-85, 160A-86, 160A-87, 160A-88, 160A-89, 160A-90, 160A-91, 160A-92, 160A-93, 160A-94, 160A-95, 160A-96, 160A-97, 160A-98, 160A-99, 160A-100, 160A-101, 160A-102, 160A-103, 160A-104, 160A-105, 160A-106, 160A-107, 160A-108, 160A-109, 160A-110, 160A-111, 160A-112, 160A-113, 160A-114, 160A-115, 160A-116, 160A-117, 160A-118, 160A-119, 160A-120, 160A-121, 160A-122, 160A-123, 160A-124, 160A-125, 160A-126, 160A-127, 160A-128, 160A-129, 160A-130, 160A-131, 160A-132, 160A-133, 160A-134, 160A-135, 160A-136, 160A-137, 160A-138, 160A-139, 160A-140, 160A-141, 160A-142, 160A-143, 160A-144, 160A-145, 160A-146, 160A-147, 160A-148, 160A-149, 160A-150, 160A-151, 160A-152, 160A-153, 160A-154, 160A-155, 160A-156, 160A-157, 160A-158, 160A-159, 160A-160, 160A-161, 160A-162, 160A-163, 160A-164, 160A-165, 160A-166, 160A-167, 160A-168, 160A-169, 160A-170, 160A-171, 160A-172, 160A-173, 160A-174, 160A-175, 160A-176, 160A-177, 160A-178, 160A-179, 160A-180, 160A-181, 160A-182, 160A-183, 160A-184, 160A-185, 160A-186, 160A-187, 160A-188, 160A-189, 160A-190, 160A-191, 160A-192, 160A-193, 160A-194, 160A-195, 160A-196, 160A-197, 160A-198, 160A-199, 160A-200, 160A-201, 160A-202, 160A-203, 160A-204, 160A-205, 160A-206, 160A-207, 160A-208, 160A-209, 160A-210, 160A-211, 160A-212, 160A-213, 160A-214, 160A-215, 160A-216, 160A-217, 160A-218, 160A-219, 160A-220, 160A-221, 160A-222, 160A-223, 160A-224, 160A-225, 160A-226, 160A-227, 160A-228, 160A-229, 160A-230, 160A-231, 160A-232, 160A-233, 160A-234, 160A-235, 160A-236, 160A-237, 160A-238, 160A-239, 160A-240, 160A-241, 160A-242, 160A-243, 160A-244, 160A-245, 160A-246, 160A-247, 160A-248, 160A-249, 160A-250, 160A-251, 160A-252, 160A-253, 160A-254, 160A-255, 160A-256, 160A-257, 160A-258, 160A-259, 160A-260, 160A-261, 160A-262, 160A-263, 160A-264, 160A-265, 160A-266, 160A-267, 160A-268, 160A-269, 160A-270, 160A-271, 160A-272, 160A-273, 160A-274, 160A-275, 160A-276, 160A-277, 160A-278, 160A-279, 160A-280, 160A-281, 160A-282, 160A-283, 160A-284, 160A-285, 160A-286, 160A-287, 160A-288, 160A-289, 160A-290, 160A-291, 160A-292, 160A-293, 160A-294, 160A-295, 160A-296, 160A-297, 160A-298, 160A-299, 160A-300, 160A-301, 160A-302, 160A-303, 160A-304, 160A-305, 160A-306, 160A-307, 160A-308, 160A-309, 160A-310, 160A-311, 160A-312, 160A-313, 160A-314, 160A-315, 160A-316, 160A-317, 160A-318, 160A-319, 160A-320, 160A-321, 160A-322, 160A-323, 160A-324, 160A-325, 160A-326, 160A-327, 160A-328, 160A-329, 160A-330, 160A-331, 160A-332, 160A-333, 160A-334, 160A-335, 160A-336, 160A-337, 160A-338, 160A-339, 160A-340, 160A-341, 160A-342, 160A-343, 160A-344, 160A-345, 160A-346, 160A-347, 160A-348, 160A-349, 160A-350, 160A-351, 160A-352, 160A-353, 160A-354, 160A-355, 160A-356, 160A-357, 160A-358, 160A-359, 160A-360, 160A-361, 160A-362, 160A-363, 160A-364, 160A-365, 160A-366, 160A-367, 160A-368, 160A-369, 160A-370, 160A-371, 160A-372, 160A-373, 160A-374, 160A-375, 160A-376, 160A-377, 160A-378, 160A-379, 160A-380, 160A-381, 160A-382, 160A-383, 160A-384, 160A-385, 160A-386, 160A-387, 160A-388, 160A-389, 160A-390, 160A-391, 160A-392, 160A-393, 160A-394, 160A-395, 160A-396, 160A-397, 160A-398, 160A-399, 160A-400, 160



Sep 23 '05

Alpine Engineered Products, Inc.
1930 Marley Drive
Haines City, FL 33844

Haines City, FL 33844
FL Certificate of Authorization # S67

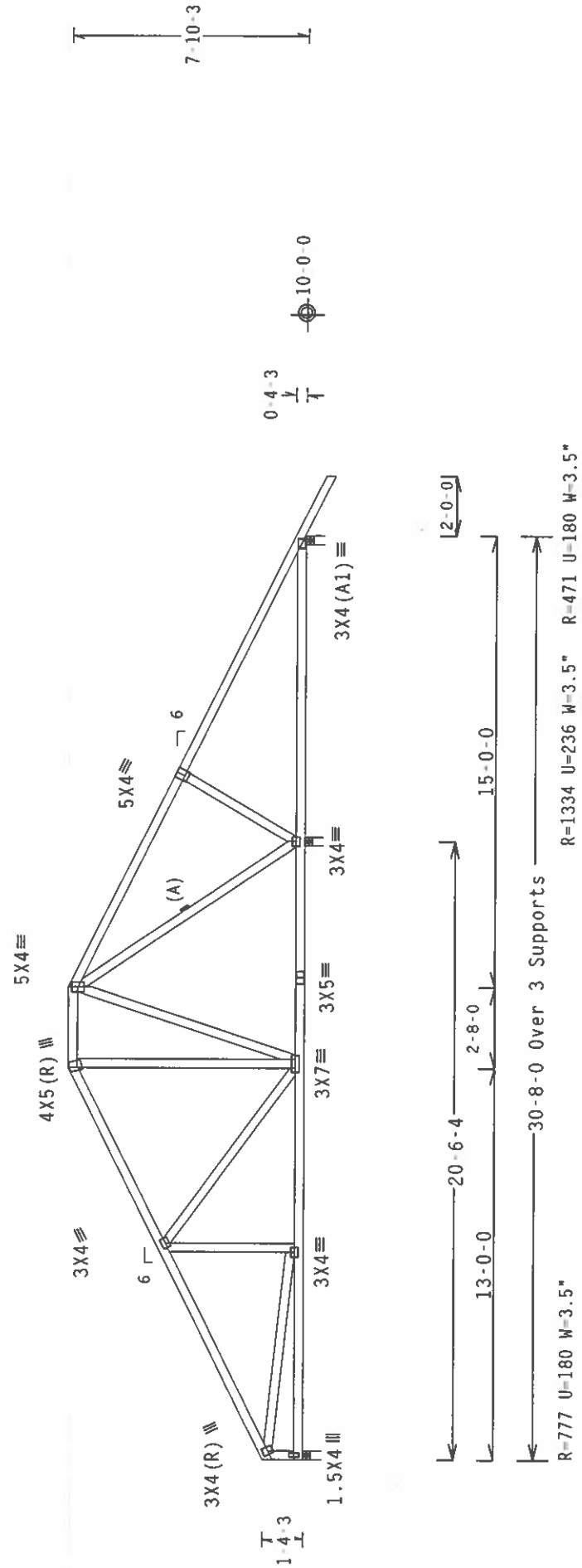
JREF - 1S00487 Z02

op chord 2x4 SP #2 Dense
ot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

v) Continuous lateral bracing equally spaced on member.

110 mph wind, 13.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

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



T TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1

FL/-/3/-/-/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, 563 MONROE DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6200 ENTERPRISE LN, WILSONVILLE, OR 97148) 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	R487-- 14293
		TC DL	10.0 PSF	DATE	09/23/05
		BC DL	10.0 PSF	DRW	HCUSR487 05266029
		BC LL	0.0 PSF	HC-ENG	JB/ADR
		TOT.LD.	40.0 PSF	SEQN	36544
		DUR.FAC.	1.25		
		SPACING	24.0"	JREF	15QQ487_Z02



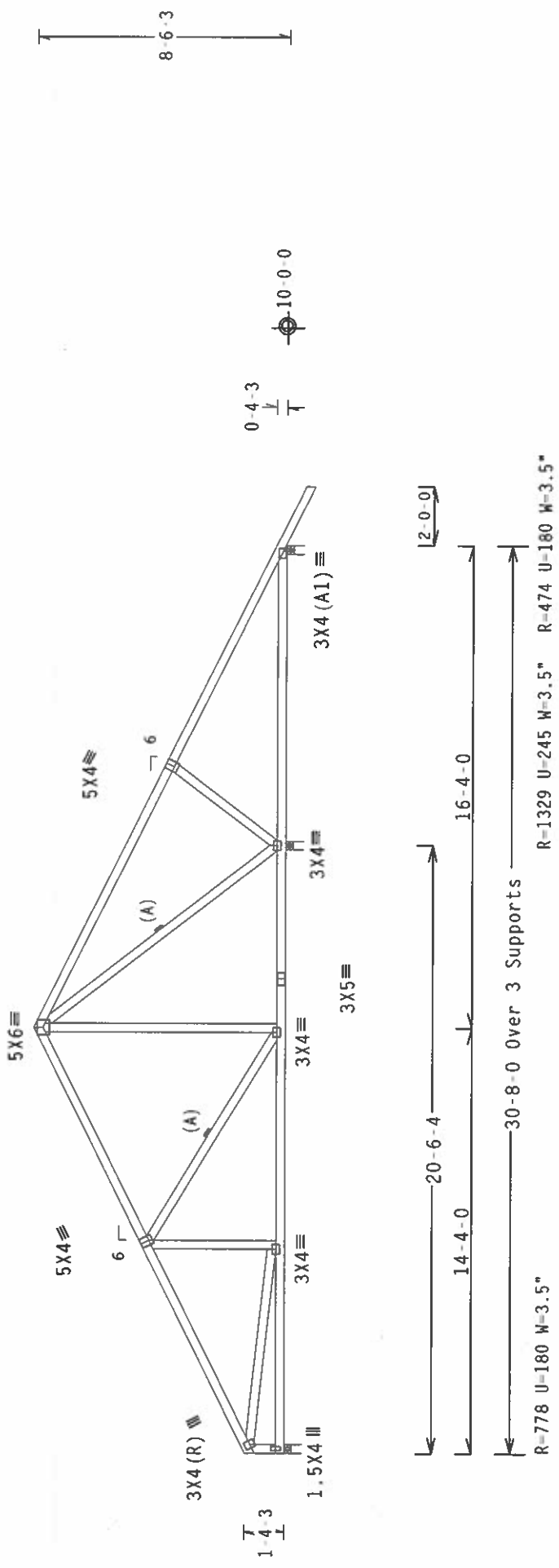
ALPINE
pine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

op chord 2x4 SP #2 Dense
ot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

A) Continuous lateral bracing equally spaced on member.

110 mph wind, 13.93 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.

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



LT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FBC

7.04.08

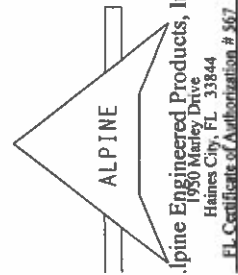
QTY: 3

FL / - / 3 / - / - / R / -

Scale = .1875" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST 1-83 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 WASHINGTON AVENUE, SUITE 200, ST. LOUIS, MO 63103), AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, WASHINGTON, MO 63070) FOR DETAILED INFORMATION REGARDING THESE CONNECTIONS. 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 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 AND BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFPA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1866A (W.H.S/K) ASTM A653 GRADE 40/60 (M. K/H.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.



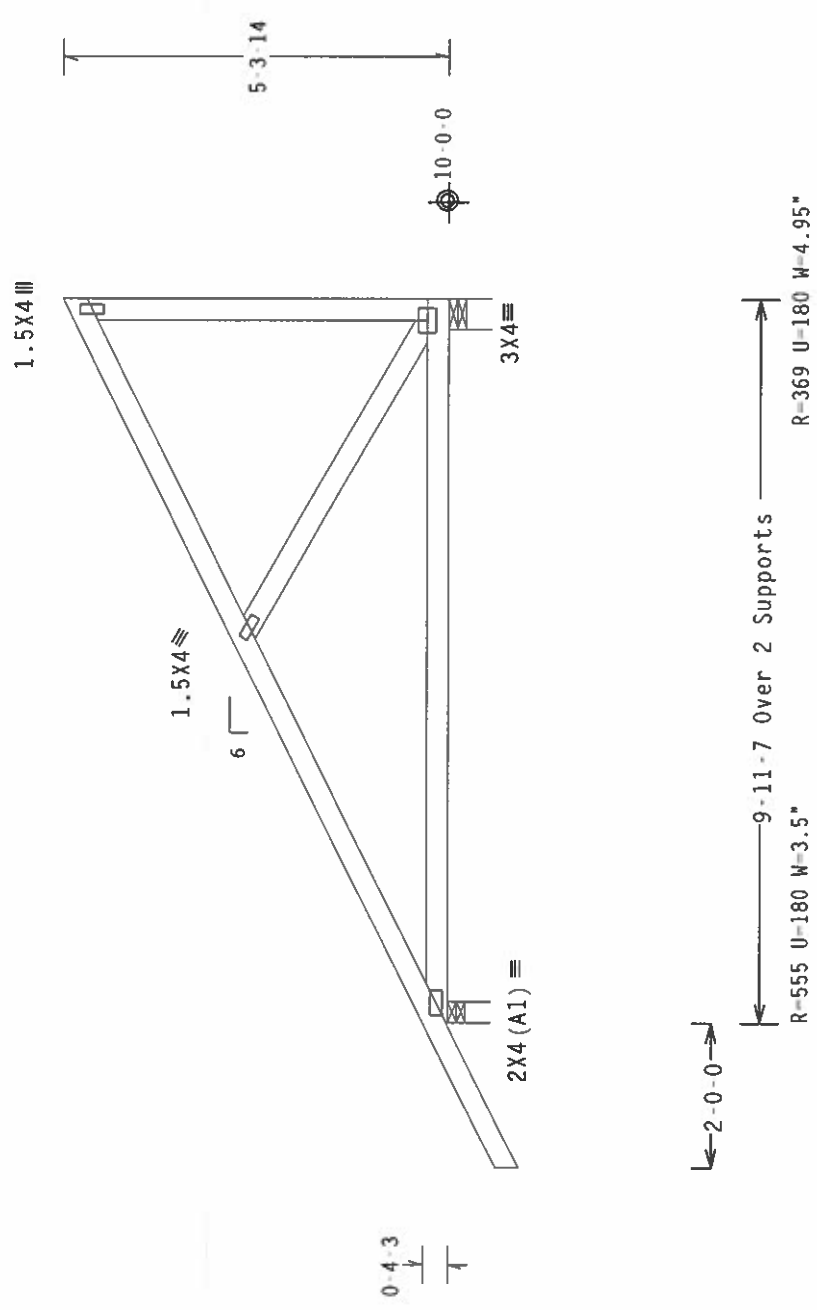
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TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266030
BC LL	0.0 PSF	HC	ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN	36534
DUR.FAC.	1.25		
SPACING	24.0"	JREF	150Q487_Z02

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

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

Right end vertical not exposed to wind pressure.

110 mph wind, 12.34 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.



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

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY: 1

FL / - / 3 / - / - / R / -

Scale = .375" / Ft.

REF R487 -- 14295

DATE 09/23/05

DRW HCUSR487 05266004

HC-ENG JB/ADR

SEQN 36360

JREF - 1S00487_Z02

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"

SEP 23 '03

PROFESSIONAL ENGINEER

STATE OF FLORIDA

NO. 98782

DENSE RUTLEDGE

LICENSE

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D-ORDERIO 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.

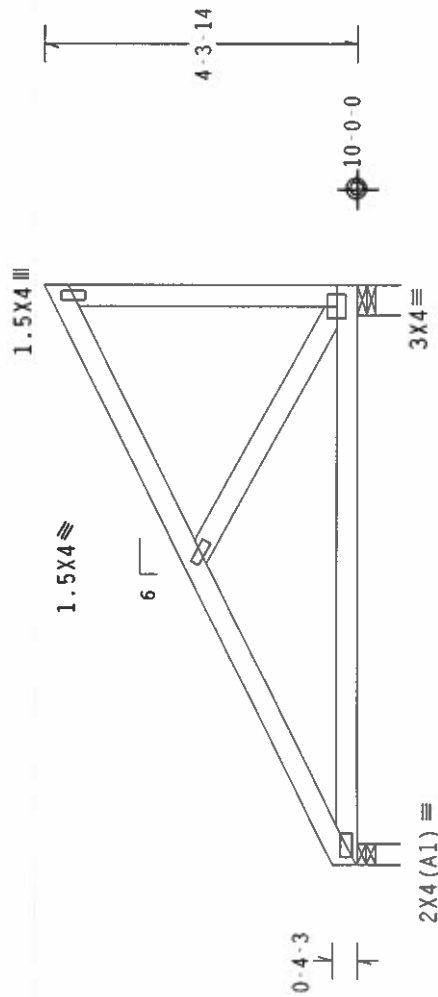
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGNER CONFORMS WITH APPLICABLE PROVISIONS OF MDS (NATIONAL DESIGN SPEC. BY AITPA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/T6A (M-N/S/K) ASTM A555 GRADE 40/60 (IN. K/N/S) GALV. STEEL. APPLY ANY TYPICAL CONNECTIONS TO PLATES AND BOLTS AND BY THE DESIGNER. POSITION PER DRAWINGS 100A-2. ANY INSPECTION OF PLATES AND BOLTS AND BY THE DESIGNER. POSITION PER DRAWINGS 100A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPANY 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.

	p	t	Dense #2	Dense #3
chord	2x4	2x4	SP	SP
chord	2x4	2x4	SP	SP
webs	2x4	2x4	SP	SP

110 mph wind, 12.34 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

Right end vertical not exposed to wind pressure.



7-11.7 Over 2 Supports $\rightarrow$
R=330 U=180 W=3.5" R=306 U=180 W=4.95"

T TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 FL1-131-1-1-R/-

Scale = .375" / Ft.

WARNING INHUSERS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPANY'S INSTRUCTIONS. 1503
D-080100 RT, SUITE 200, MADISON, WI 53719, AND WICA WOOD TRUSS COUNCIL OF AMERICA, 5300 ENTERPRISE
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 & ARCHITECTS, 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, JOISTS, AND CONNECTION PLATES ARE MADE OF 2018/T69GA (W.K.T.) ASTM GRADE 40/60 (IN K.W.S) GALV. STEEL APPLIED 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 A OF TPII 2002-ALC 3. A SEAL ON THIS DRAWING IS REQUIRED TO ACCEPTANCE OF THE ADDITIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN IN THIS DOCUMENT. THE DESIGN CONTRACTOR FOR ANY BUILDING TO THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1 SEC. 2.



Sep 23 '05

JREF 1SQ0487_Z02

SPACING 24.0"

Sep 23 '05

THE

LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE USER.

DESIGN SHOWN. THE SULLAB
BUILDING DESIGNER PER ANSI/

Haines City, FL 33844
FL Certificate of Authorization # S67

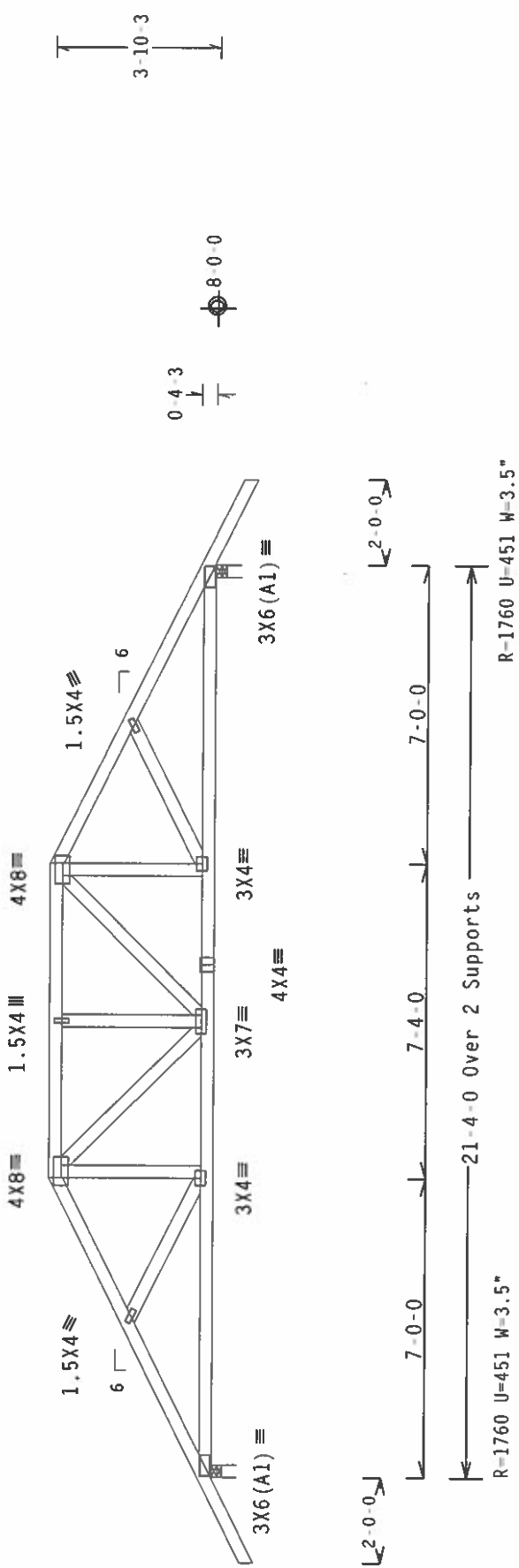
(5-378-DARRYL ALLEN - C1)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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



PLT TYP. Wave TPI

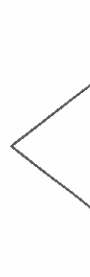
Design Crit: TPI-1995 (STD)/FBC

7.04.0805

QTY:1

FL/-/3/-/R/-

Scale =.25" /Ft.

 Alpine Engineered Products, Inc. 1950 Marley Drive Haines City, FL 33844 FL Certificate of Authorization # 567	DENISE BUTLEDGE LICENSE No. 8874 STATE OF FLORIDA PROFESSIONAL ENGINEER Sep 23 '05		TC LL	20.0 PSF	REF	R487-- 14297		
			TC DL	10.0 PSF	DATE	09/23/05		
			BC DL	10.0 PSF	DRW	HCUSR487 05266031		
			BC LL	0.0 PSF	HC-ENG	JB/ADR		
			TOT.LD.	40.0 PSF	SEQN	36728		
			DUR.FAC.	1.25				
			SPACING	24.0"				
					JREF	1S00487_Z02		

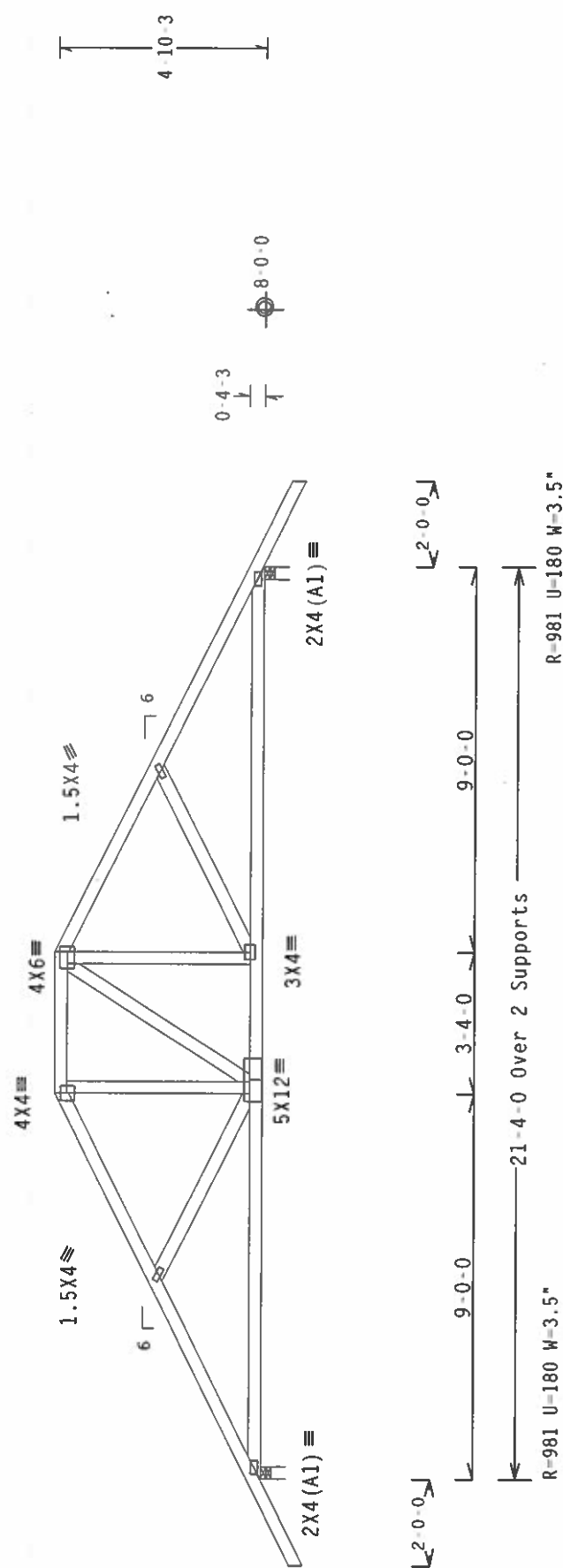
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO UCS 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 WOODBRIDGE DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., WOODBRIDGE, ONTARIO, CANADA) 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 THE 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 AOS NATIONAL DESIGN SPEC, BY AFRP AND TPI. APPLY CONNECTOR PLATES ARE MADE OF 2018/160A (W.N/5/12) ASH A653 GRADE 40/60 (M. K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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 Dense
Bottom chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 10.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.



I TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.080

QTY:1 FL/-3/-/-/R/-

Scale = .25"/Ft.

****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 O'DONOHUE DR., SUITE 200, MADISON, WI 53719) AND NCEA (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.

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

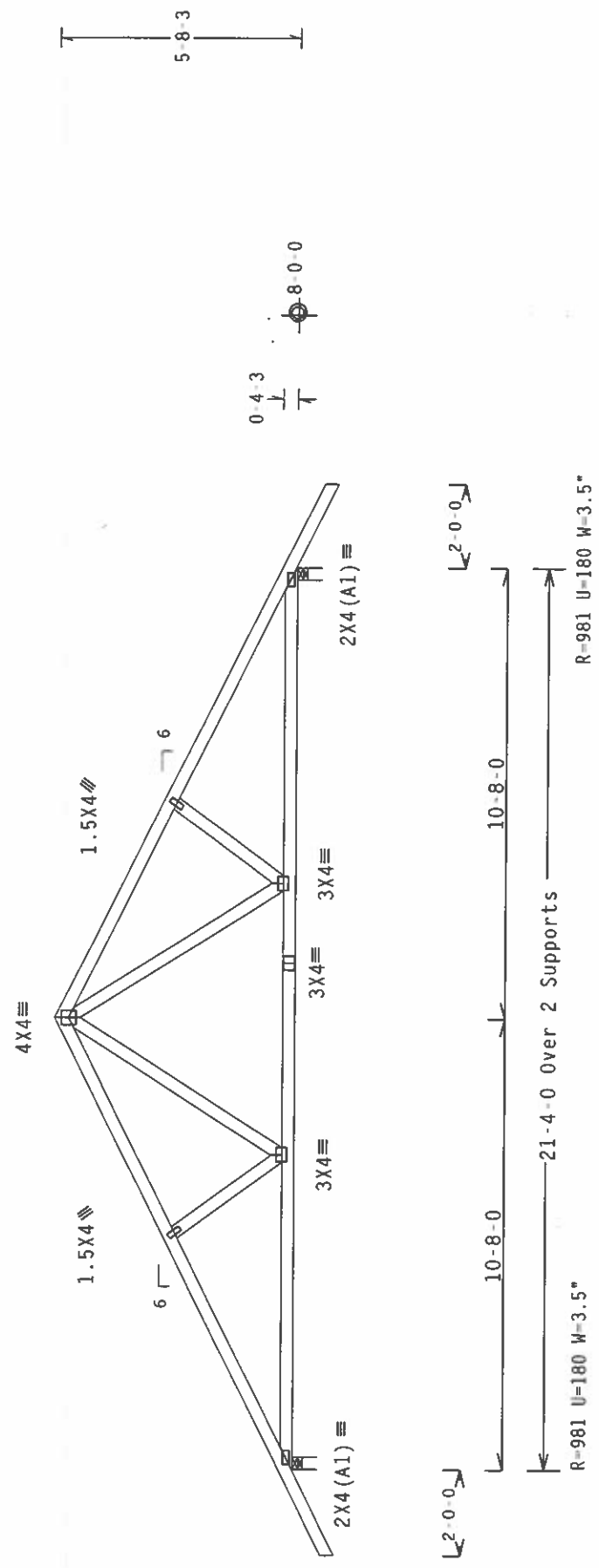


TC LL	20.0 PSF	REF	R487 -- 14298
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266006
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEON	36737
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SQ487_Z02

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

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

110 mph wind, 10.51 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.



LI TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY: 6

Scale = .25"/Ft.

TC LL	20.0 PSF	REF	R487-- 14299
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266007
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	36748
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1S00487_Z02



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DONOHUE 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 SYSTEM IN ACCORDANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF THE 2005 INTERNATIONAL BUILDING CODE (IBC) AND THE 2005 ALPINE CONNECTOR PLATES ARE MADE OF 2019/1916GA (M-HUS/163) ASIM A553 GRADE 40/66SI AND 1/4" THICK ALPINE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL 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.

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

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W3 2x4 SP #2 Dense:

SPECIAL LOADS

(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 23.33
BC - From 20 PLF at 0.00 to 20 PLF at 21.33
BC - From 4 PLF at 21.33 to 4 PLF at 23.33
BC - 1065 LB Conc. Load at 2.27, 4.27, 6.27, 8.27, 10.27
BC - 1601 LB Conc. Load at 12.27
BC - 3333 LB Conc. Load at 14.27

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)

Top Chord: 1 Row @12.00" O.C.

Bot Chord: 1 Row @ 3.00" O.C.

Webs : 1 Row @ 4" O.C.

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

Bearing blocks: Nail type: 12d Box or Gun (0.128"x3.25", min.) nails

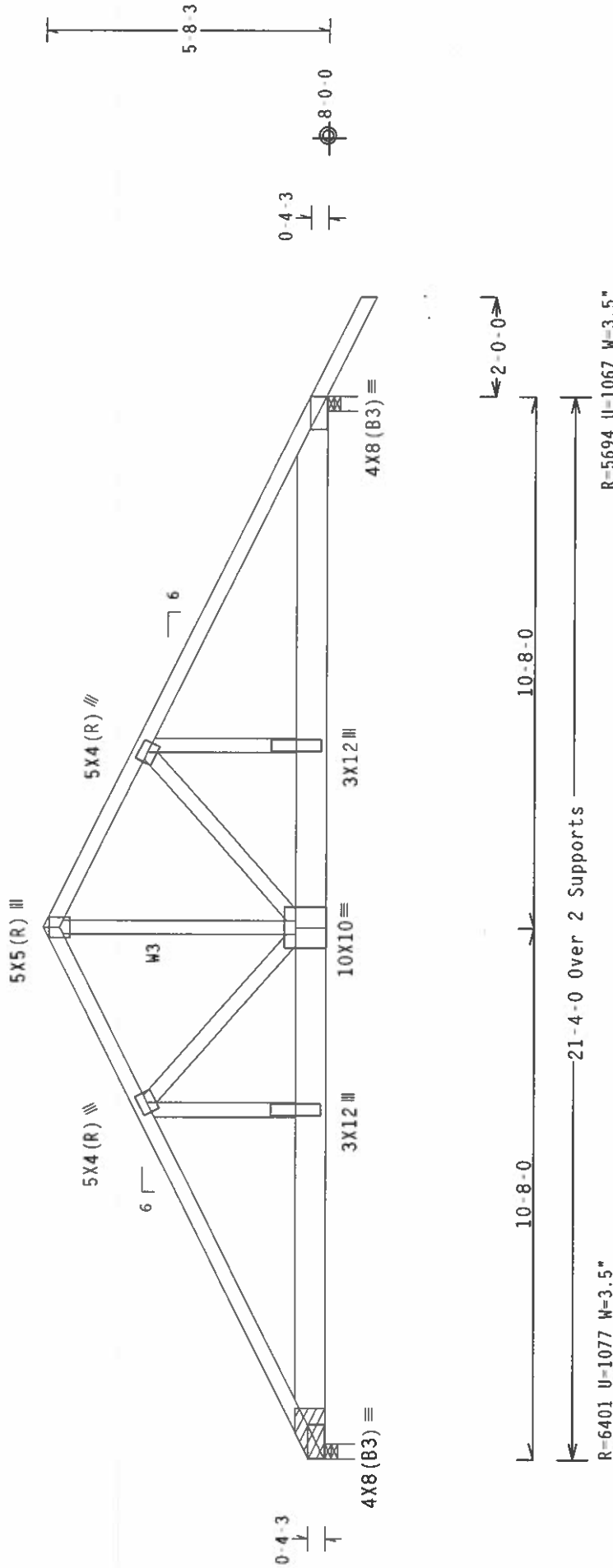
BRG X-LOC #BLOCKS LENGTH/BLK #NAILS/BLK WALL PLATE

1 0.000' 1 12" 4

Bearing block to be same size and species as bottom chord.

Refer to drawing CNBRGBLK1103 for additional information.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 FL/-3/-/R/-

Scale = .3125"/Ft.

TC LL	20.0 PSF	REF	R487--	14300
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266032
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN-	36993	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1500487_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, 943 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, TPI CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

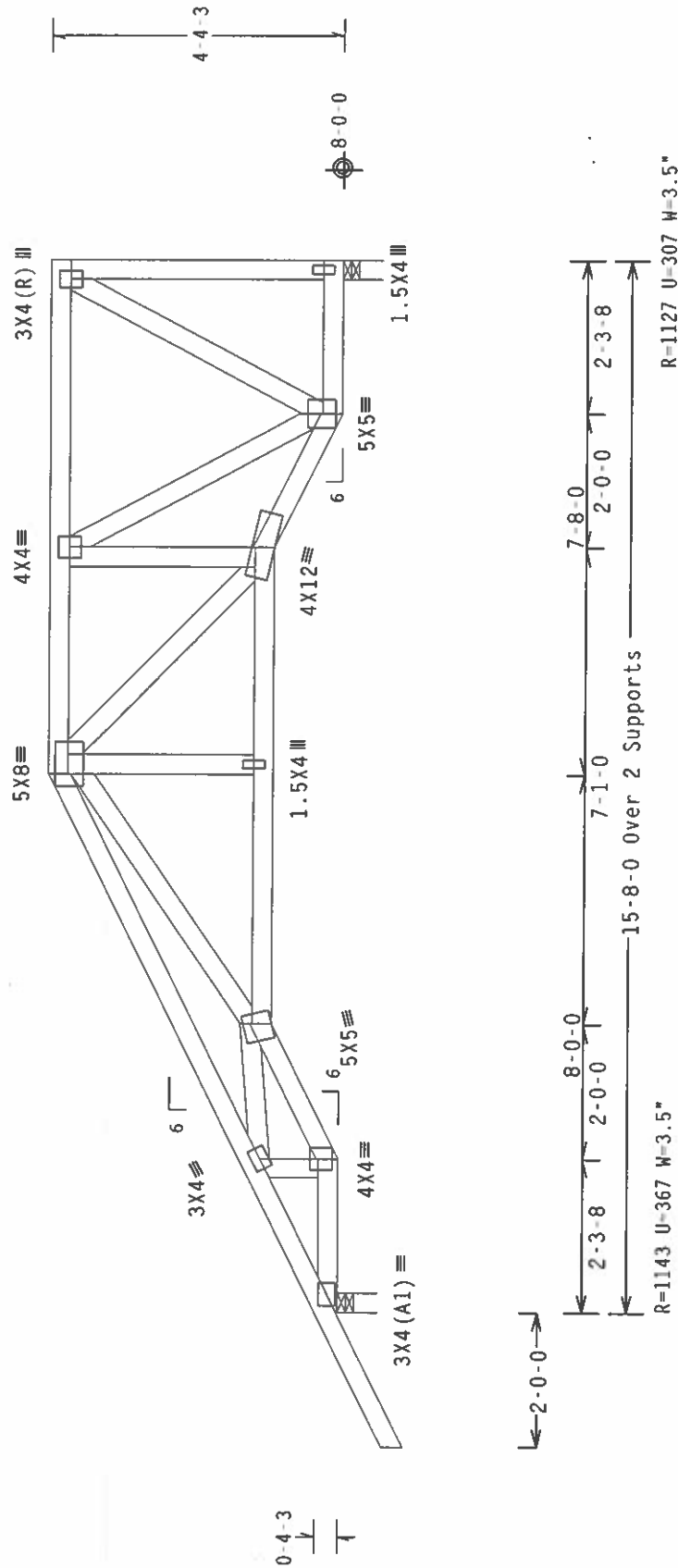
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE NATIONAL DESIGN SPEC. (BY AIA/PSA) AND TPI. ALPINE TRUSSES ARE DESIGNED TO BE USED IN CONFORMANCE WITH THE NATIONAL DESIGN SPEC. (BY AIA/PSA) AND TPI. APPLICABLE TO EACH FACE OF TRUSS AND UNLESS OTHERWISE NOTED ON THIS DESIGN, TRUSSES SHALL BE DESIGNED TO BE USED IN CONFORMANCE WITH THE NATIONAL DESIGN SPEC. (BY AIA/PSA) AND TPI. ANY INSPECTION OF PLATES FOLLOWED BY (1), SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. THE 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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FL Certificate of Authorization # 567

SPECIAL LOADS

TC	From	60 PLF at	-2.00 to	PLATE DUR.FAC. = 1.25	60 PLF at 15.67
BC	From	4 PLF at	-2.00 to	4 PLF at 0.00	4 PLF at 0.00
BC	From	20 PLF at	0.00 to	20 PLF at 15.67	20 PLF at 15.67
BC	-	426 LB Conc.	Load at 8.00		
BC	-	27 LB Conc.	Load at 10.07		
BC	-	436 LB Conc.	Load at 10.60		

Right end vertical not exposed to wind pressure.



PLT TYP. Wave TPI

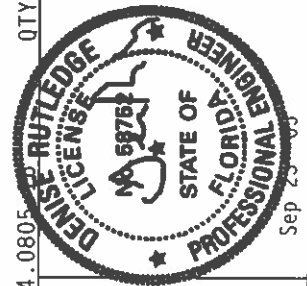
Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 EL131-1-1R1-

Scale = .375"/Ft.

TC LL	20.0	PSF	REF	R487	14301
TC DL	10.0	PSF	DATE	09/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05266033
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEQN	36664	
DUR.FAC.	1.25				
SPACING	24.0"		JREF	1S00487_Z02	



2007 Sep 23

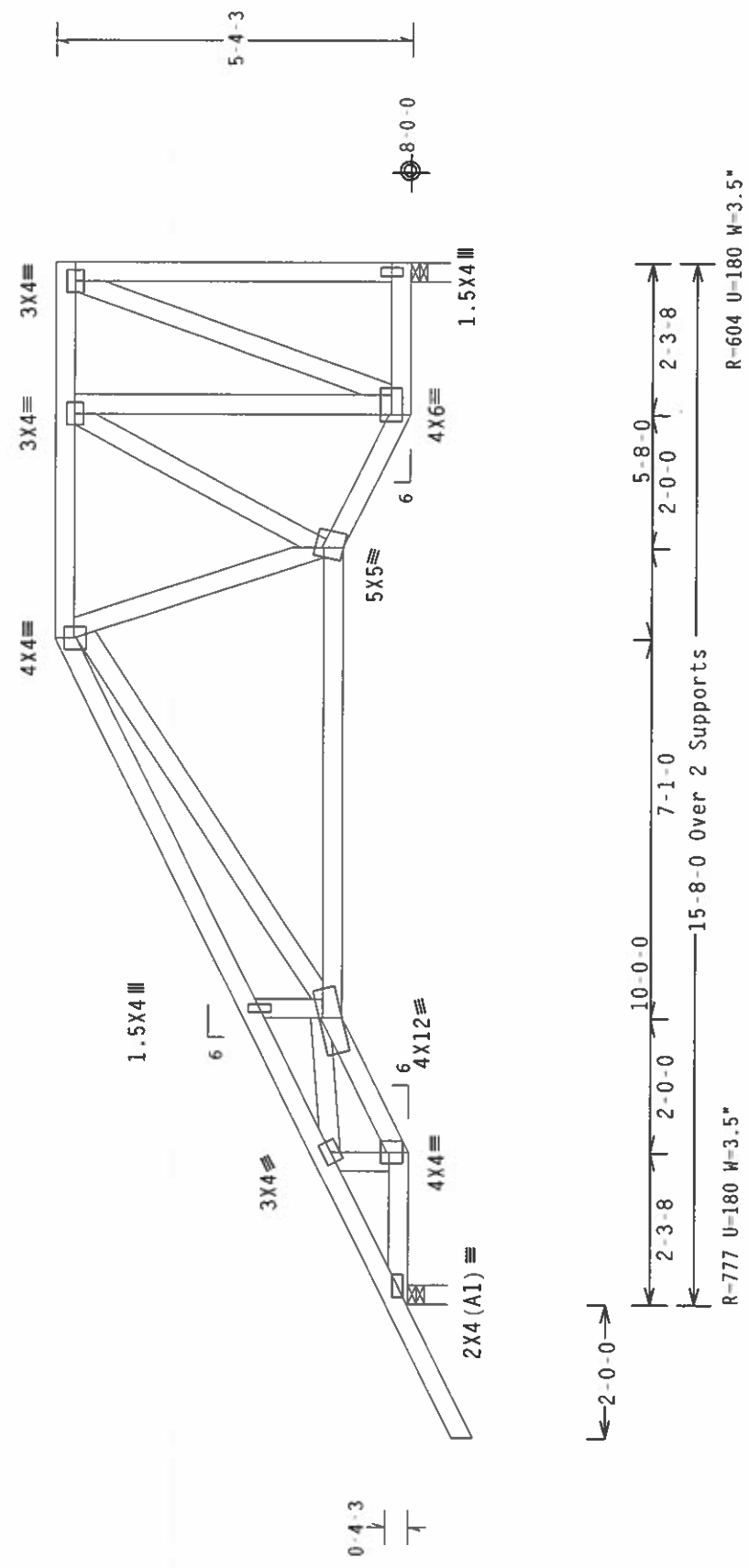
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Haines City, FL 33844
FL Certificate of Authorization # 567

378-DARRYL ALLEN - D2)
p chord 2x4 SP #2 Dense
t chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 10.35 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.

Right end vertical not exposed to wind pressure.



T TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0800

QTY: 1 FL / -13 / -1 / R / -

Scale = .375" / Ft.



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ALPINE

ENGINEERED PRODUCTS, INC.
1950 MARLEY DRIVE
HAINES CITY, FL 33844
FL CERTIFICATE OF AUTHORIZATION # 567

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 BC511-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 593 O'DONNELL DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 630 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIAA) AND TPI. APPLY PROVISIONS FOR PLATE OR GUSSET PLATES (2018/10/08) WITH A553 GRADE 40/60 (M. K7H-S) GALT. STEEL. APPLY PROVISIONS FOR PLATE OR GUSSET PLATES (2018/10/08) WITH A553 GRADE 40/60 (M. K7H-S) GALT. STEEL. ANY INSPECTION OF PLATES FOLLOWED BY TPI SHALL BE PER AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



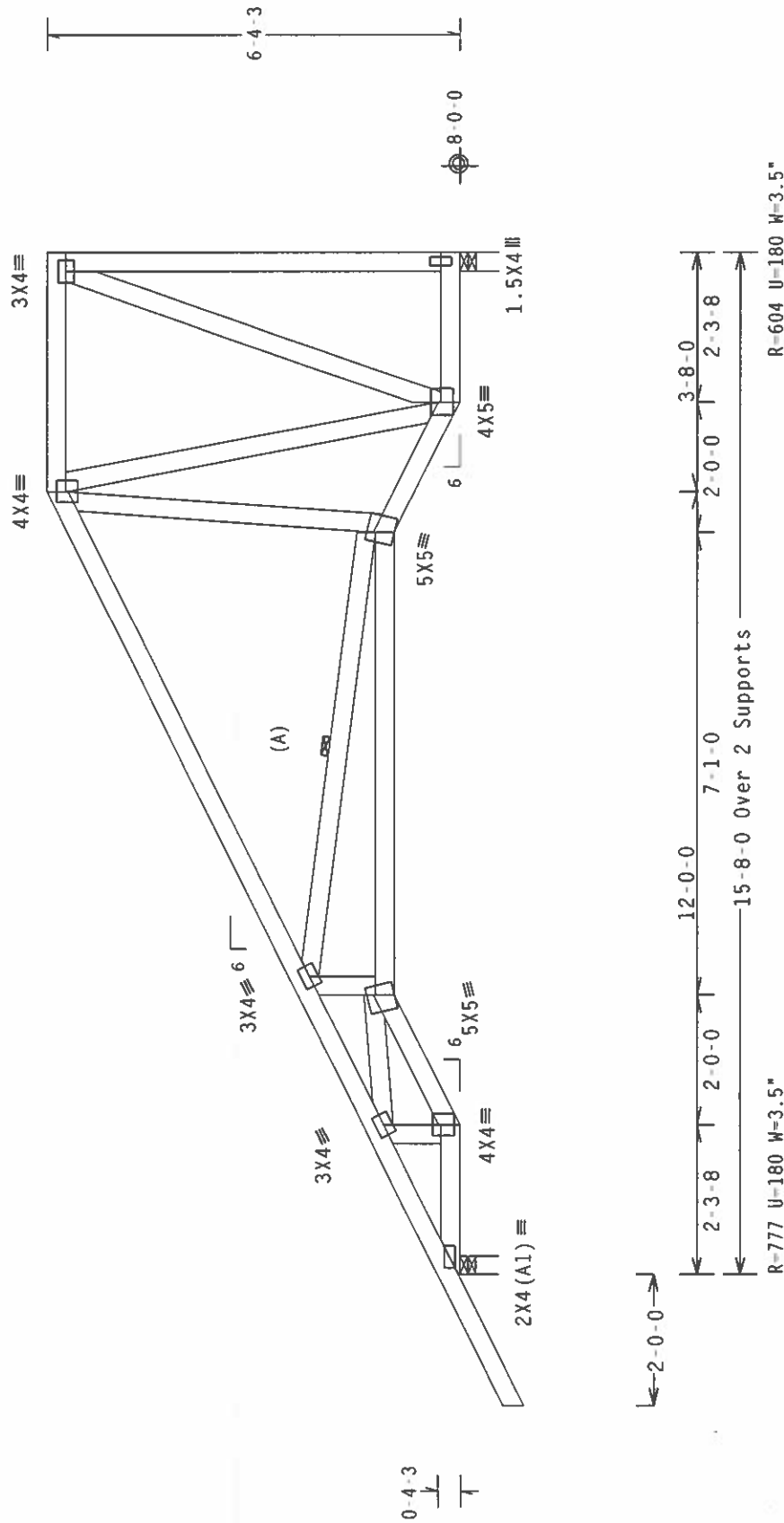
Denise Rutledge
Professional Engineer
State of Florida
License No. 58754
Sep 23 '05

TC LL	20.0 PSF	REF	R487 --	14302
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266008
BC LL	0.0 PSF	HC-ENG	JB/ADR	*
TOT.LD.	40.0 PSF	SEQN	36670	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1S00487_Z02	

110 mph wind, 10.85 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 FL/13/1-1R/

Scale = .375"/Ft.

TC LL	20.0 PSF	REF R487 - 14303
TC DL	10.0 PSF	DATE 09/23/05
BC DL	10.0 PSF	DRW HCUR487 05266009
BC LL	0.0 PSF	HC-ENG J8/ADR *
TOT.LD.	40.0 PSF	SEQN - 36676
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1S0Q487_Z02



SEP 23 03

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1950 Marley Drive
Haines City, FL 33844
Fl. Certificate of Authorization # 567

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



Top chord 2x4 SP #2 Dense

Bottom chord 2x4 SP #2 Dense

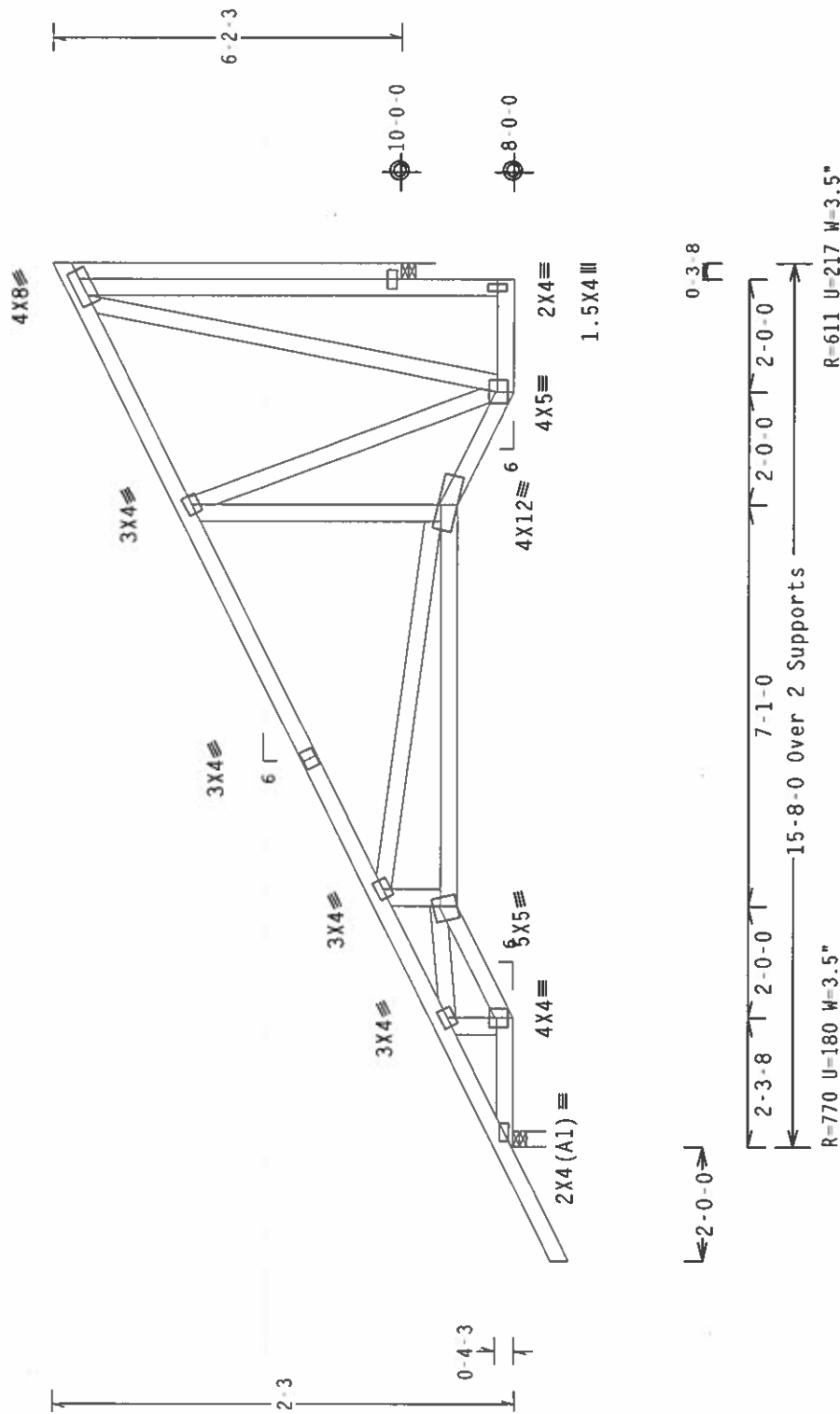
Webbs 2x4 SP #3

Bottom Bearing Leg 2x4 SP #3:

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

110 mph wind, 11.76 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.



J. TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.080

QTY:1

Scale = .3125"/Ft.

WARNING: TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC61 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 503 D'ROFAR 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 ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER'S DESIGN CONFORMS WITH APPLICABLE PROVISIONS AND HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE DESIGN. CONNECTOR PLATES ARE MADE OF 2010/186A (A/R/S/E) ASTM A553 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. 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	R487-- 14305
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266035
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	36700
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SQQ487_Z02

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FL Certificate of Authorization # 587

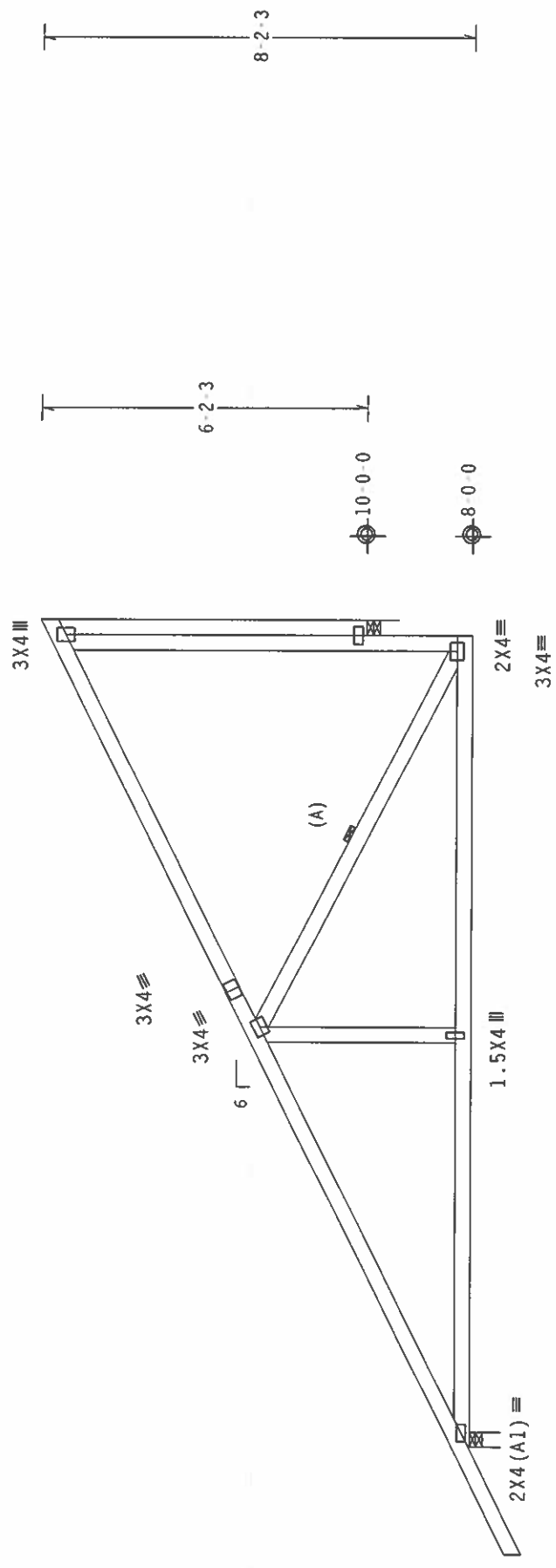
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Bearing Leg 2x4 SP #3:

(A) Continuous lateral bracing equally spaced on member.

110 mph wind; 11.76 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Right end vertical not exposed to wind pressure.

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



2LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

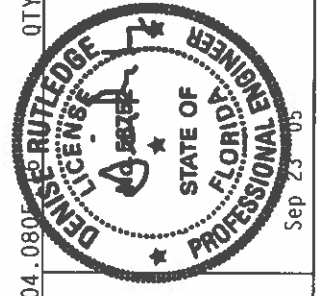
7.04.0805

QTY:1

FL/-3/-/-/R/-

Scale = .3125"/ft.

TC LL	20.0 PSF	REF	R487--	14306
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266036
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN	36708	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1S0Q487_Z02	



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IMPORTANT** 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-ORDRO 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 ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THIS DESIGN OR TO PROVIDE THE PROPERLY ATTACHED STRUCTURAL PANELS AND RIGID CEILING SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Hebs 2x4 SP #3 :W5 2x4 SP #2 Dense:
:Rt Bearing Leg 2x4 SP #3:

2 COMPLETE TRUSSES REQUIRED

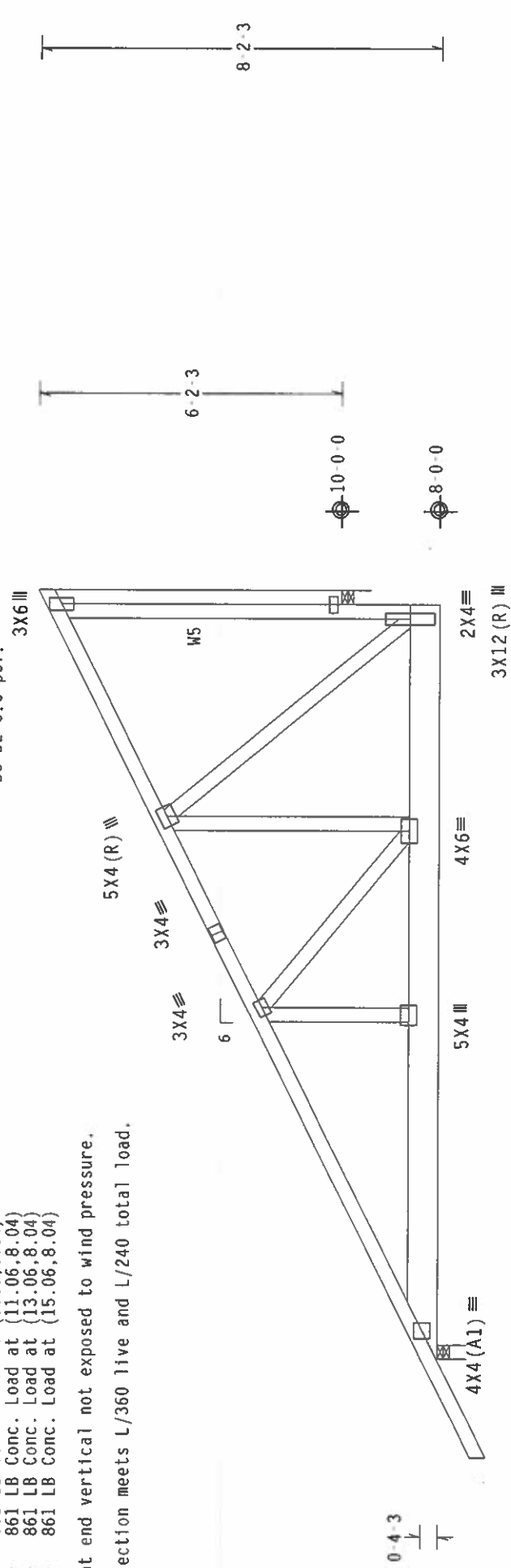
Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
 Top Chord: 1 Row @ 12.00" o.c.
 Bot Chord: 1 Row @ 4.25" o.c.
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails
 in each row to avoid splitting.

SPECIAL LOADS

		(LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25)
ITC	From 60 PLF at 2.00 to 60 PLF at 15.67	
BC	From 4 PLF at 2.00 to 4 PLF at 0.00	
80C	From 20 PLF at 0.00 to 20 PLF at 15.67	
PLB	1849 LB Conc. Load at (7.06, 8.04)	
PLB	861 LB Conc. Load at (9.06, 8.04)	
PLB	861 LB Conc. Load at (11.06, 8.04)	
PLB	861 LB Conc. Load at (13.06, 8.04)	
PLB	861 LB Conc. Load at (15.06, 8.04)	

Right end vertical not exposed to wind pressure.

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



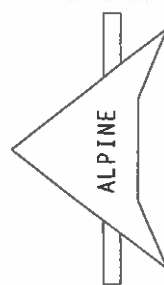
$L=20.0$ ————— 15.80 Over 2 Supports ————— 0.38 
 $R=2569 \quad U=538 \quad W=3.5"$ $R=4104 \quad U=813 \quad W=3.5"$

PLOT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

7.04.0805

Scale = .3125" / ft.



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FL Certificate of Authorization #567

WARNING- FRUITS REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND GRACING. REFER TO SPECIFICATIONS FOR PROPER FABRICATION PROCEDURES. ALL FRUITS FROM THE INSTITUTION, 809 "D" OPIRFORD RD., SUITE 200, MADISON, WI 53719, AND WICA (WOOD PANELS) FROM THE INSTITUTION, 809 "D" OPIRFORD RD., 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.

* INSTRUCTIONS: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURING THE TRUSS IN CONFORMANCE WITH THE FOLLOWING SPECIFICATIONS: FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING. THE TRUSS SHALL BE DESIGNED IN ACCORDANCE WITH THE FOLLOWING DESIGN SPEC. BY ARAFAH AND IPTI. ALL THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF MOD. NATIONAL DESIGN SPEC. BY ARAFAH AND IPTI. ALUMINUM CONNECTOR PLATES ARE MADE OF 2018/1668 (H-HV5/K) ASTM A653 GRADE 40360 (M, K/H/S) GALV. STEEL. APPLY 1 PLATE TO EACH FACE OF TRUSS AND, OTHERWISE LOCATED IN THIS DESIGN PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPTI 2002 SEC.3. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE LIABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER SUSI/IPTI 1 SEC. 2.



TC LL	20.0	PSF	REF	R487--	14307
TC DL	10.0	PSF	DATE	09/23/05	
BC DL	10.0	PSF	DRW	HCURS487	0526037
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEON-	36720	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SQ0487	Z02

10 JIG DANAILE ALLER 0011

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'

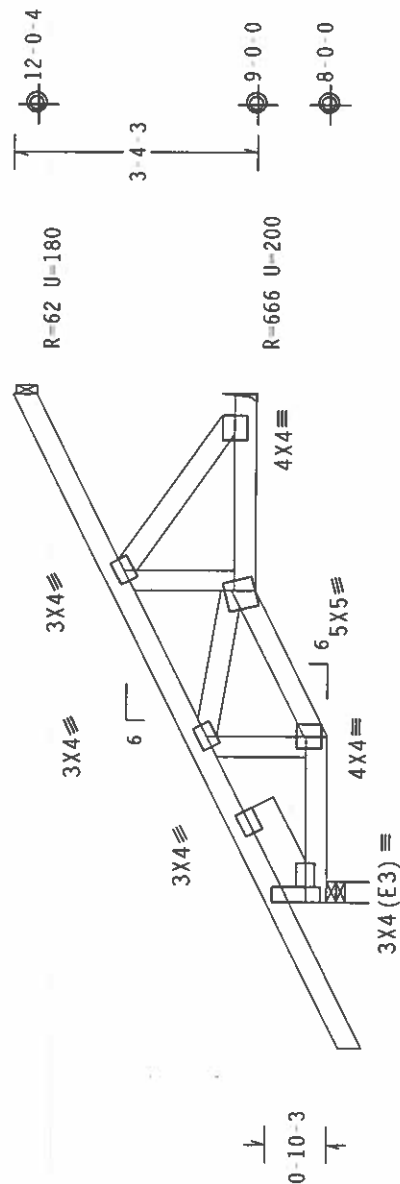
Left side jacks have 7'-0" setback with 0'-0" cant and 2'-0" overhang.
End jacks have 7'-0" setback with 0'-0" cant and 2'-0" overhang. Right side jacks have 0'-0" setback with 0'-0" cant and 0'-0" overhang.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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

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



2.5X8(E3)

2'-0'-0" over 3 supports

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.08

QTY:1

FL/-/3/-/R/-

Scale = .375" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC31 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 500 D'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE BL, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE 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. 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 MDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. ALPINE TRUSSES ARE MANUFACTURED IN THE U.S.A. (ASTM A575) AND GRADE 40/60 (M. K/A-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND BOTTOM CHORD. POSITION PER DRAWINGS 100% Z.L. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PERFORMED AS THE DESIGNER'S RESPONSIBILITY. THE BUILDING DESIGNER'S ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS, COMPLETION OF THE DESIGN SHOWN. THE STABILITY 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



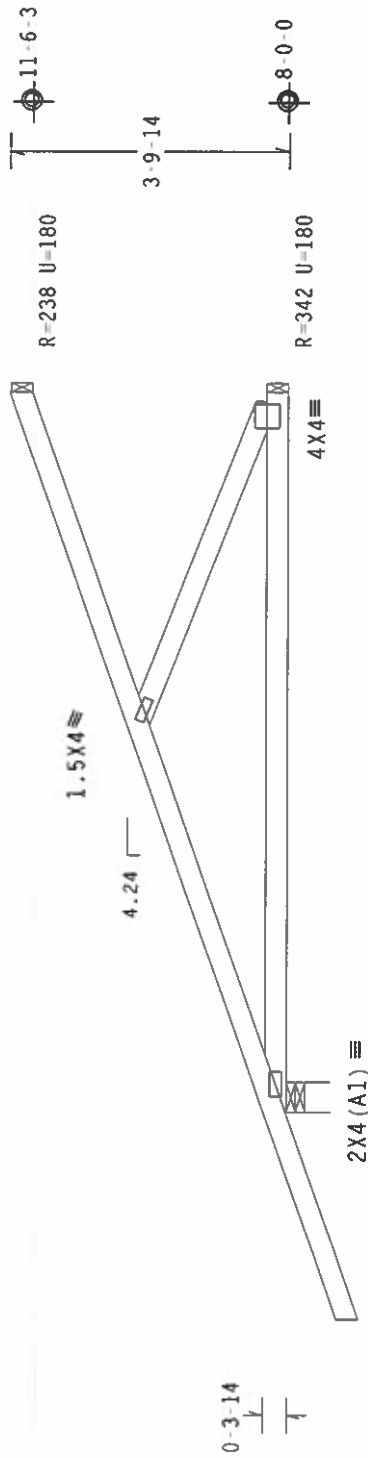
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TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266038
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN	36644	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1500487_Z02	

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

Jack supports 7-0-0 setback jacks with no webs.

Top chord (2) 16d common nails (0.162"x3.5"), toe nailed at Top chord.
Bottom chord (3) 16d common nails (0.162"x3.5"), toe nailed at Bot chord.

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



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TYP. Wave TPI	Design Crit: TPI-1995(STD)/FBC	7.04.0805	QTY: 3	FL / - / 3 / - / - / R / -	Scale = .375" / Ft.
			TC LL	20.0 PSF	REF R487 - - 14309
			TC DL	10.0 PSF	DATE 09/23/05
			BC DL	10.0 PSF	DRW HCUSR487 05266039
			BC LL	0.0 PSF	HC - ENG JB/ADR
			TOT. LD.	40.0 PSF	SEQN - 36269
			DUR. FAC.	1.25	
			SPACING	24.0"	JREF - 1SQ0487_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, 983 D-ONEFRIE 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 ANY OVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS CORRESPONDING TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR ALUMINUM & STEEL CONNECTOR PLATES ARE MADE OF 2010/1064 (M.N.S./K) ASTM A653 GRADE 40/50 (M. K.H.S.) GALV. STEEL. APPLIE PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 180A 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.

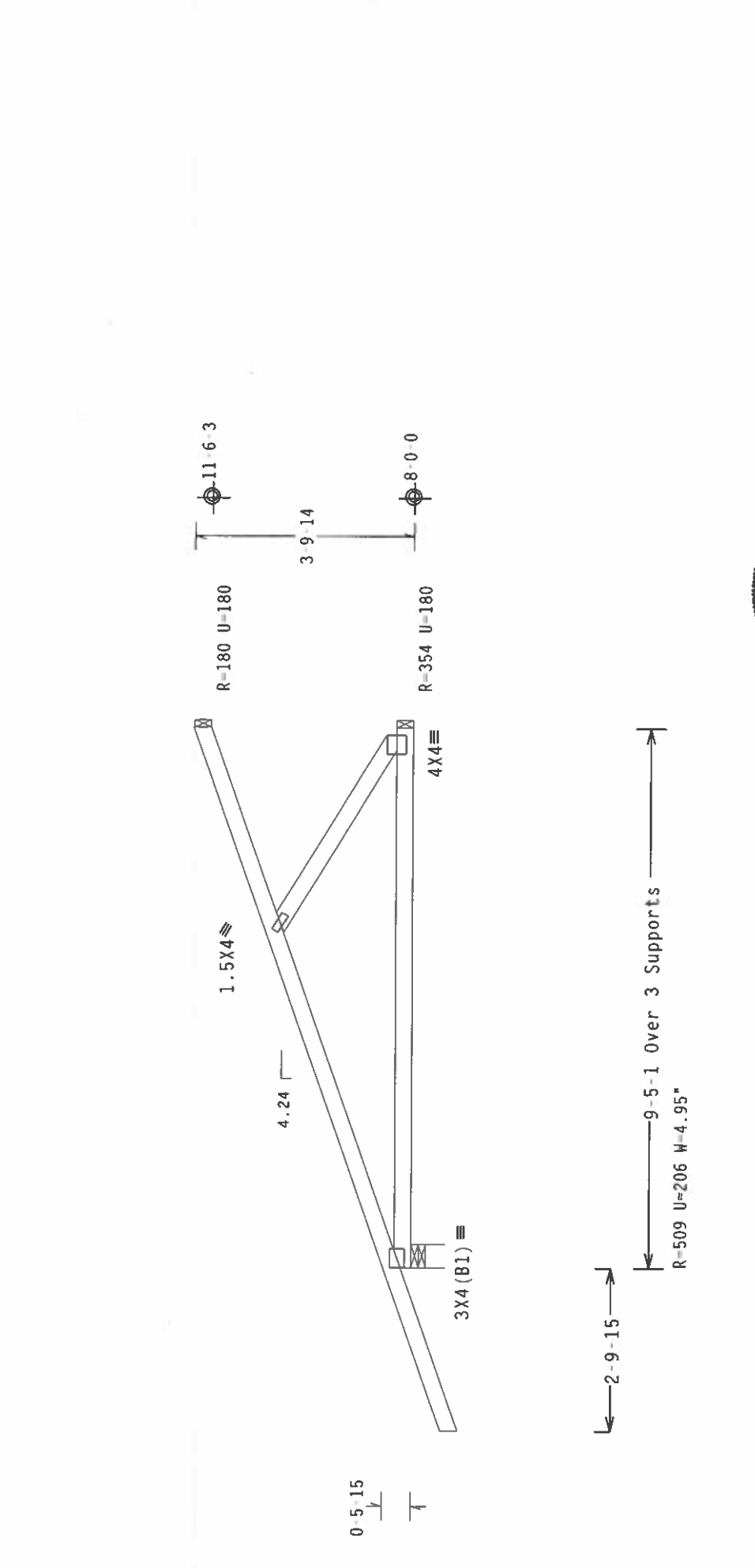
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

Hipjack supports 7'-0" setback jacks with no webs.

Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide { 3 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.08

QTY:1

FL/-3/-/R/-

Scale = 375"/Ft.

TC LL	20.0 PSF	REF	R487-- 14311
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266041
BC LL	0.0 PSF	HC-ENG	JB/AOR
TOT.LD.	40.0 PSF	SEQN	36299
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1S00487 702

ALPINE

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

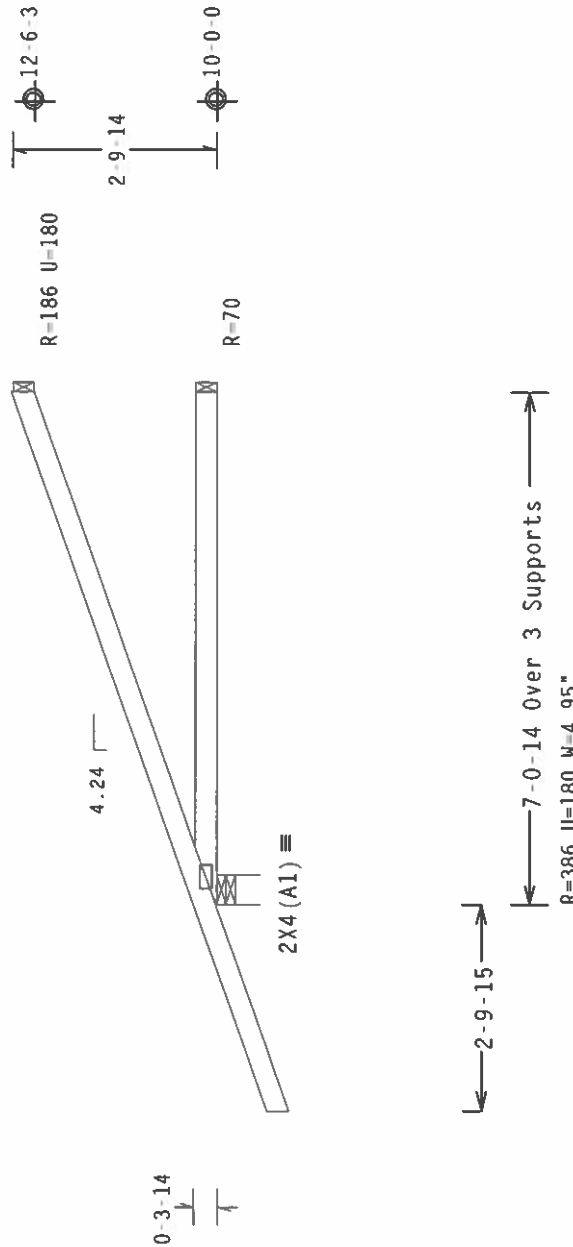
Professional Engineer
STATE OF FLORIDA
No. 56724
Sep 23 '05

op	chord	2x4	SP	#2	Dense
ot	chord	2x4	SP	#2	Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

rovide { 2 } 16d common nails { 0.162"x3.5" }, toe nailed at Top chord.
rovide { 2 } 16d common nails { 0.162"x3.5" }, toe nailed at Bot chord.



LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:2 FL/13/1-1R/1-

Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXISTING CHORD IN FABRICATION. HANDLING, SHIPPING, INSTALLING AND BRACING REFER TO 8651.1 QUALIFYING ENGINEER SAFETY INFORMATION. PUBLISHED BY THE NATIONAL TRUSS MANUFACTURERS' ASSOCIATION, 1000 N. 10TH AVE., SUITE 100, MADISON, WI 53719, AND WICA NORTH TRUSS COUNCIL OF AMERICA, 6300 INTERSTATE 10, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO BRACING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD 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 ENGINEERS & DESIGNERS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH APPLICABLE CODES OR FABRICATING, HANDLING, SHIPPING, INSTALLING A BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL AND STEEL ALPHAS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC NATIONAL DESIGN SPEC. FOR STEEL AND STEEL ALPHAS. 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 AISC A3 OF 1911 2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS DESIGN. THE REMAINING PORTION OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER AISC 160A-2.

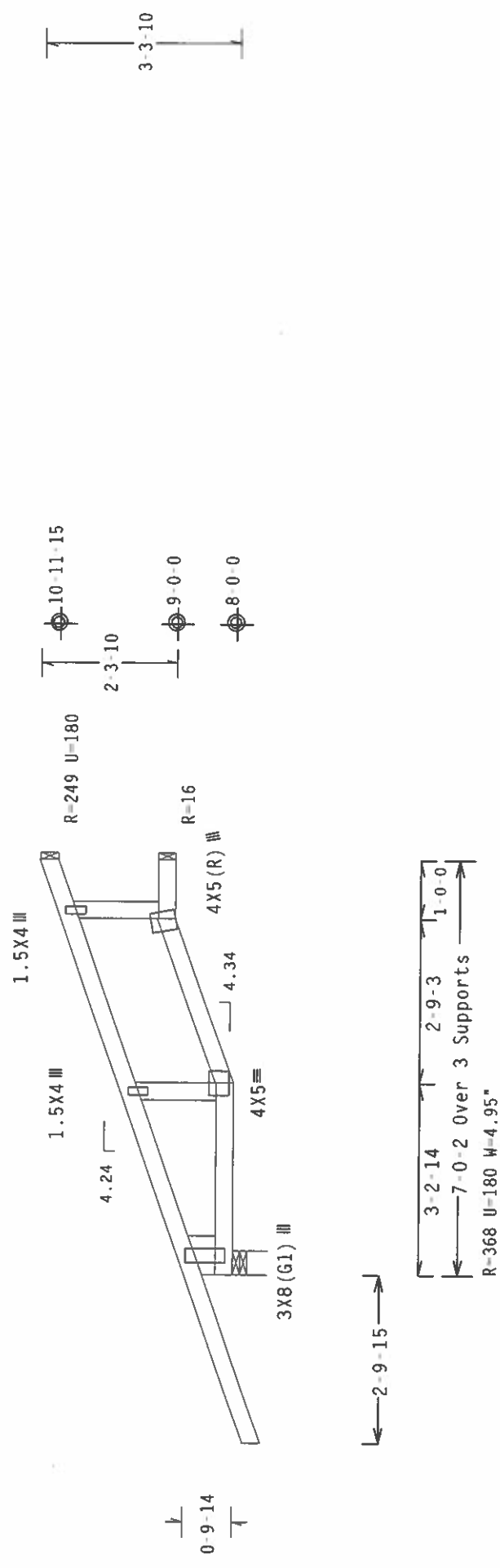


Haines City, FL 33844
FL Certificate of Authorization # 567

JREF- 1SQQ487_Z02

op chord 2x4 SP #2 Dense
ot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
t Stubby Wedge 2x6 SP #2:
eflection meets L/360 live and L/240 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.
Hipjack supports 4 11-8 setback jacks with no webs.
Provide (2) 16d common nails (0.162"x3.5"), toe nailed at top chord.
Provide (2) 16d common nails (0.162"x3.5"), toe nailed at bot chord.



TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY: 1

FL/-/3/-/-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487--	14313
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266043
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN-	36626	
DUR.FAC.	1.25			
SPACING	24 0"			

ALPINE

Alpine Engineered Products, Inc.

1950 Mayday Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

SEP 23 2005

PROFESSIONAL ENGINEER

STATE OF FLORIDA

N 58764

DESIGNER'S RUTLEDGE LICENSE

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST PRACTICES (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 5800 DUNDAS DR., SUITE 200, MADISON, WI 53719) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., SUITE 100, WILSONVILLE, OR 97150) 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.

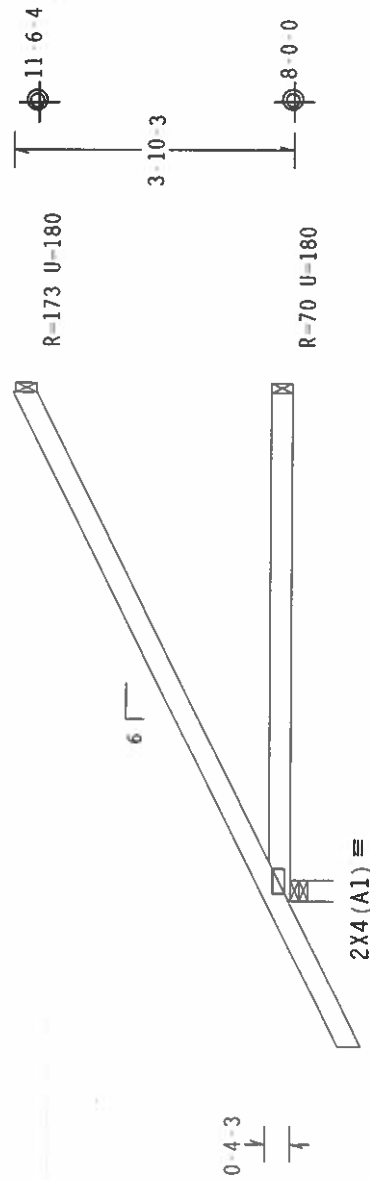
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE TRUSS OR FOR THE FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN AND BRACING OF TRUSSES. THE DESIGN SHALL BE IN CONFORMANCE WITH THE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY ALPINE. THE CONNECTOR PLATES ARE MADE OF 20/18/16GA (M, H, S, V) ASTM A653 GRADE 40/60 (M, H, S, V) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A & 160B. 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. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

110 mph wind, 9.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



2000

7-0-0
7-0-0 Over 3 S
R-445 II=180 W=3 5"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD) / FRC

7.04 080

QTY.30 EL 1-131-1-101

CCALC - 2754/E+

*WARNING** THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO TEST TUBES (PULLING CAPACITY) PUBLISHED BY TPI (THUSS PULL INSTITUTE, 563 0'DONNELL DR., BOWLING GREEN, OHIO 43403) AND MICA (MICA THUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, LEBANON, OHIO 45031) FOR SPECIFIC INFORMATION REGARDING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE INTERMEDIATE ATTACHED RIGID CEILING.

**1. INFORMATION: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DETAIL 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 NDS (NATIONAL DESIGN SPECIFICATION) AND ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16 (MAY/16) ASTM A663 GRADE 40/60/60 (MAY/16) STEEL PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1601-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 4 OF TP11-2002 SEC.3. 2. COMMENTS: 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.



Sep 23 '05

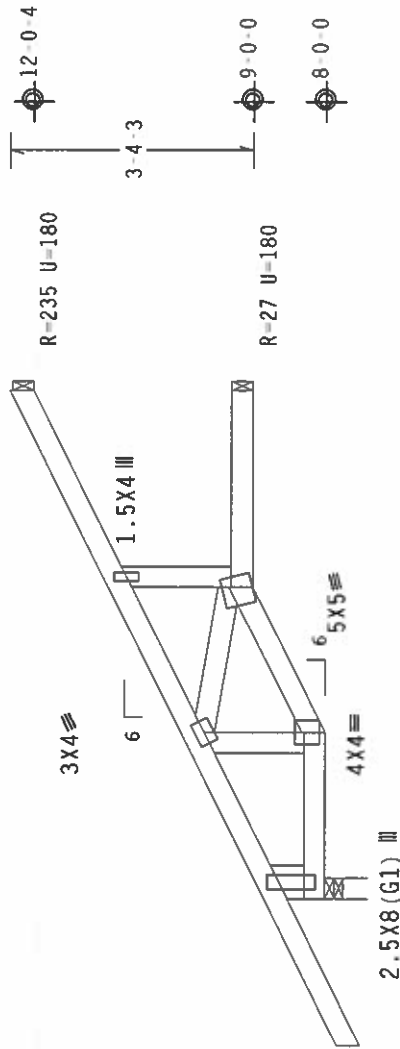
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567

Haines City, FL 33844
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Lt Stubby Wedge 2x6 SP #2:

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

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



2-0-0

2-3-8 2-0-0 2-8-8
7-0-0 Over 3 Supports
R-426 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(SID)/FBC

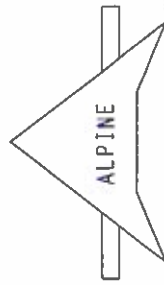
7.04.0805

QTY:2

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 MADISON DR., SUITE 200, MADISON, MI 48719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, MI 48719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, THE 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 THE DESIGN OF THE TRUSS. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLER. THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF IPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANS/101 1 SEC. 2.



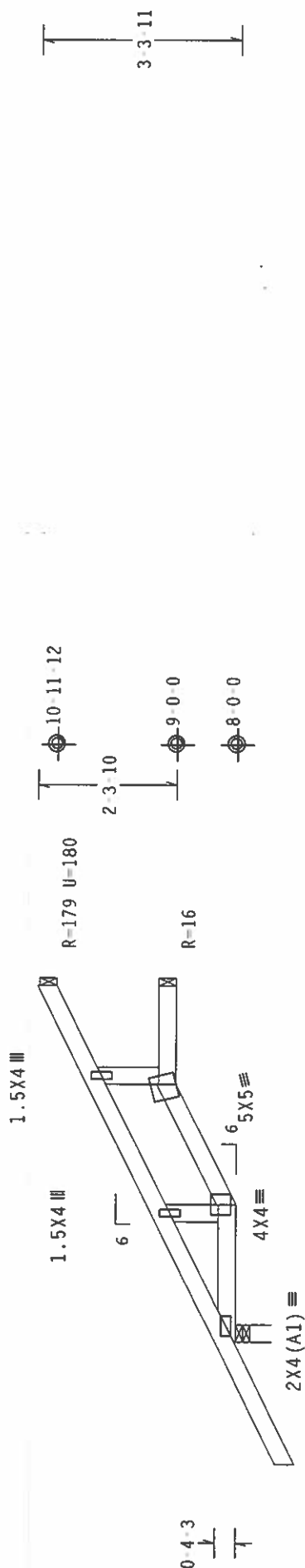
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TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266045
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN	-	36554
DUR.FAC.	1.25			
SPACING	24.0"	JREF	-	1500487_Z02

p chord 2x4 SP #2 Dense
t chord 2x4 SP #2 Dense
webs 2x4 SP #3

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

110 mph wind, 9.33 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

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



2-0-0

2-3-8 2-0-0 1-7-8
5-11-0 Over 3 Supports
R=406 U=180 W=3.5"

I TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 FL/-3/-/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 DUNDAS 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, ALL DIMENSIONS 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 THE DESIGN OF THE TRUSS. ANY FAILURE TO FOLLOW THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGN OF THE TRUSS SHALL CONFORM WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. FOR WOOD), AIA (ALPINE INSTITUTE), AND TPI (TRUSS PLATE INSTITUTE). CONNECTOR PLATES ARE MADE OF 2018/16GA (W.H.S/K) ASTM A653 GRADE 40/50 (IN. E/M.S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-1-2002 SEC. 3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



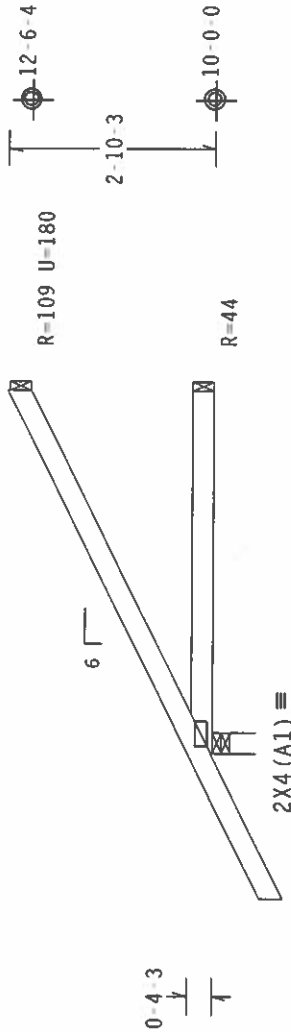
TC LL	20.0 PSF	REF R487 - 14316
TC DL	10.0 PSF	DATE 09/23/05
BC DL	10.0 PSF	DRW HCUSR487 05266046
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN 36611
DUR.FAC.	1.25	
SPACING	24.0"	JREF - 1SQ0487_Z02

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

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

110 mph wind, 11.10 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, Exp B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

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



2LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

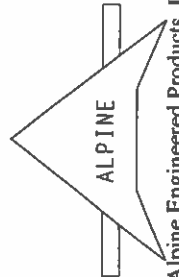
7.04.0805

QTY:3 FL/-/3/-/-/R/-

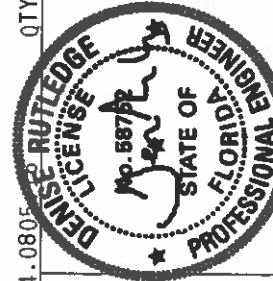
Scale =.375"/Ft.

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO TPI-1995 (STD) FOR MORE INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 O'DRISCOLL DR., SUITE 200, MADISON, WI 53719). FOR SAFETY PRACTICES PRIOR TO PERFORMING THIS WORK, THE USER 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-1995 (STD) OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI-1995 (STD). CONNECTOR PLATES ARE MADE OF 2018/160A (N-H/S) ASH 4063 GRADE 40/60 (IN. X/H-S) GALEY. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A 2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN SHOWS THE QUALITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX A3 OF TPI-2002 SEC. 2.



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"

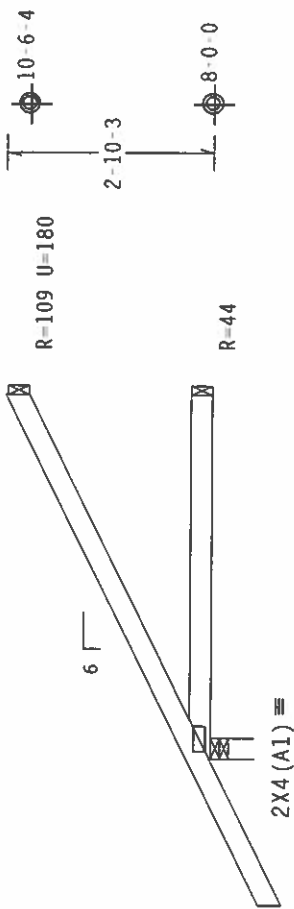
REF	R487--	14317
DATE	09/23/05	
DRW	HCUSR487	05266047
HC-ENG	JB/ADR	
SEQN-	36312	
JREF-	1500487_702	

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

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

110 mph wind, 9.10 ft mean hgt, ASCE 7 98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, Exp B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

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



5-0-0
5-0-0 Over 3 Supports
R=376 U=180 W=3.5"

2LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

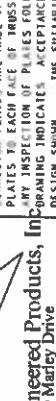
7.04.0805

QTY:7

FL/-/3/-/R/-

Scale = .375"/Ft.

 Sep 23 '03	DENISE E. RUTLEDGE LICENSE STATE OF FLORIDA PROFESSIONAL ENGINEER		TC LL	20.0 PSF	REF	R487-- 14318
			TC DL	10.0 PSF	DATE	09/23/05
			BC DL	10.0 PSF	DRW	HCUSR487 05266048
			BC LL	0.0 PSF	HC-ENG	JB/ADR
			TOT.LD.	40.0 PSF	SEQN-	36243
			DUR.FAC.	1.25		
		SPACING	24.0"	JREF-		1SQ0487_Z02



ALPINE

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 BC511-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 583 D-00NDRID 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, 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.

PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY APA/PA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 2018/T1604 (M-H/S/K) ASTM A653 GRADE 40/60 (W. K/M-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF 1P11-2002 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.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RCSI 1-03 (BUILDING COMPANIES SAFETY FOUNDATION) FOR TRUSS SAFETY. TRUSSES ARE TO BE USED IN CONFORMANCE WITH TPI 1-03 (BUILDING COMPANIES SAFETY FOUNDATION) AND MECA (WOOD TRUSS MANUFACTURING ASSOCIATION) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE PROVIDED, 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 1-03 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI 1-03. CONNECTION PLATES ARE MADE OF 2018/160A (M-H/S/K) ASTM A653 GRADE 40/60 (IN. K/M-S) GALV. STEEL. APPLY PLATES EACH SIDE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A.2. ALL DIMENSIONS SHALL BE PER AMERICAN STANDARD FOR TRUSS CONSTRUCTION. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROJECT. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR THE TRUSS COMPONENT BUILDING DESIGNER. THE SUSTAINABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER. PER ANSI/TPI 1 SEC. 2.

110 mph wind, 11.35 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

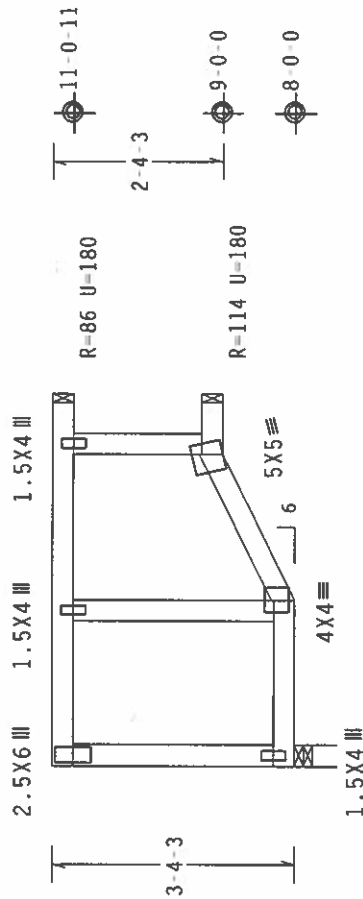
Deflection meets L/360 live and L/240 total load.

Fasten rated sheathing to one face of this frame.

Left end vertical not exposed to wind pressure.

Provide for complete drainage of roof.

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



2-3-8 2-0-0 0-8-8
5-0-0 Over 3 Supports
R=200 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1

EI 1-131-1-1R1-

$$\text{Scale} = 375''/\text{ft}$$

TC LL	20.0	PSF	REF	R487--	14319
TC DL	10.0	PSF	DATE	09/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05266049
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEQN-	36619	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SQ0487_Z02	



WARNING TRUSSES REQUIRE EXTREME CARE IN PARTICIPATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING CODES INSTITUTE), PUBLISHED BY THE INTERNATIONAL ASSOCIATION OF BRIDGE ENGINEERS, 600 NORTH ZEEB RD., SUITE 200, MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE ACTIONS. UNLESS OTHERWISE SPECIFIED, ALL TRUSSES SHALL HAVE PROPERLY ATTACHED TOP CHORD SILL, HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD SEALING.

****IMPORTANT****TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS SHALL BE RESPONSIBLE FOR ANY DRYTREATMENT OF THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS CONCERNING WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPECIFICATION) AND THE DESIGN CONFORMANCE FACTORS OF NDS (NATIONAL DESIGN SPECIFICATION). GALV STEEL CONNECTOR PLATES ARE MADE OF 20/18/16GA OR WTS/PL ASTM A653 GRADE 40/560 (F 470/58) GALV STEEL PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 16A-2-3. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX 45 OF APRIL 2002 SEC. 3. UPDATING 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 AMB/PPI 1 SEC. 2.

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

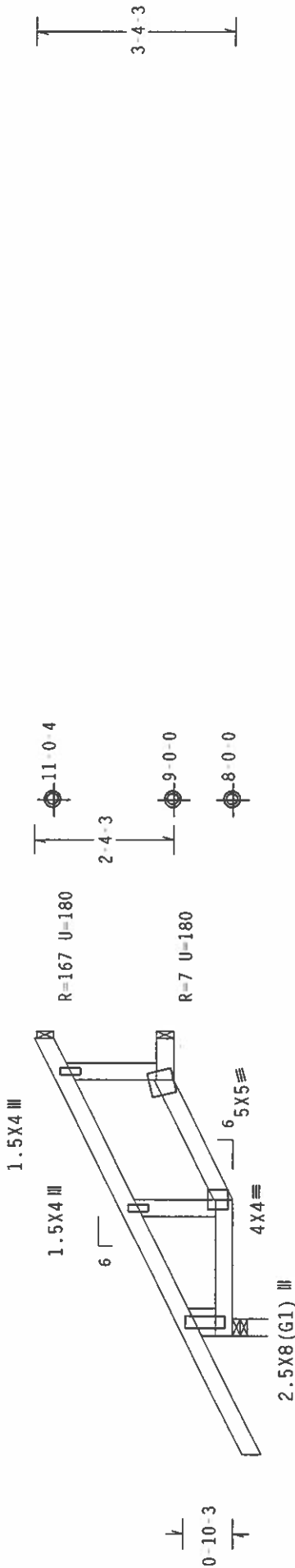
FL Certificate of Authorization # 567

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
Lt Stubby Wedge 2x6 SP #2:

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

110 mph wind, 9.60 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind
BC DL=5.0 psf.

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



2LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1

Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC1-1-03 (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, 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 TO THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE DESIGNER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE TRUSS. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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



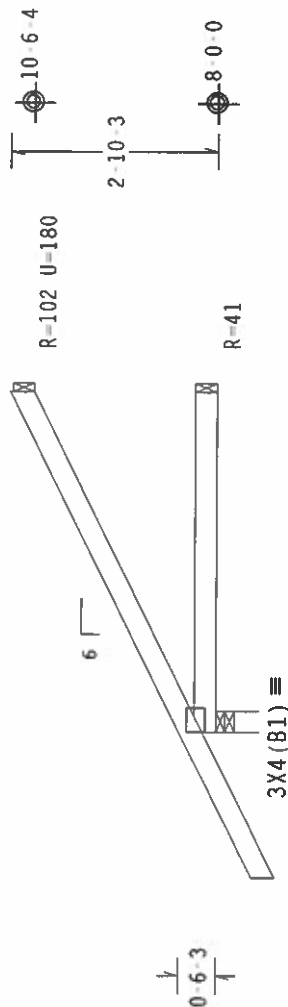
TC LL	20.0 PSF	REF	R487 -- 14320
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUR487 05266050
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	36567
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1S0Q487_Z02

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

110 mph wind, 9.18 ft mean hgt., ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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

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



4-7-15
4-7-15 Over 3 Supports
R-358 11-180 W-3 5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7 04 0802

Scale = .375" / Ft.

TC LL	20.0	PSF	REF	R487--	14321
TC DL	10.0	PSF	DATE	09/23/05	
BC DL	10.0	PSF	DRW	HCUSR487	05266051
BC LL	0.0	PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0	PSF	SEQN-	36287	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1SQ0487_202	



Sep 23 '05

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC 1-03 (BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE TRUSS PEA INSTITUTE, 583 N. 4000th ST., SUITE 200, MAISON, WI 53151) AND WTA (WOOD TRUSS COUNCIL OF AMERICA, 6340 ENTERPRISE LN., SUITE 100, WILSONVILLE, OR 97150) FOR THE LATEST RECOMMENDED SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED TOP CHORD CEILING.

**INFORMANTS SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN: ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE PROVISIONS OF ADOPTED NATIONAL DESIGN SPEC. (BY AFAPA) AND IPEL ALPINE CONNECTION PLATES WERE MADE BY AN UNLICENSED PERSON OTHERWISE LOCATED ON THIS DESIGN POSITION PER DRAWINGS 160A, 2 AND 3. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF 1911-2009 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT OF THIS PROJECT. THE USE OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 11 SEC. 2.

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

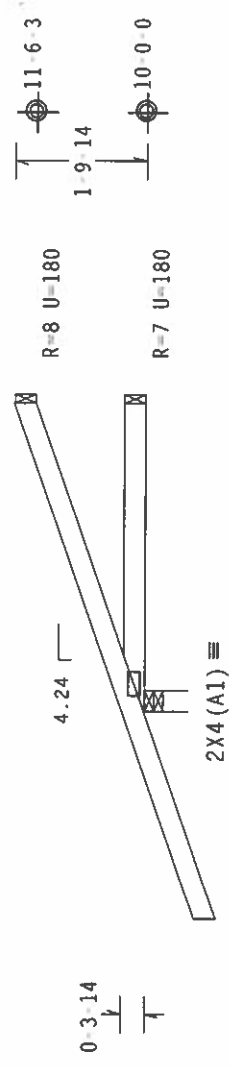
Top chord 2x4 SP #2 Dense
Bottom chord 2x4 SP #2 Dense

Jack supports 3-0-0 setback jacks with no webs.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



I TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

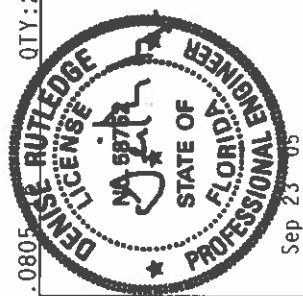
7.04.0805

QTY: 2

FL/-/3/-/-/R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF R487 -- 14322
TC DL	10.0 PSF	DATE 09/23/05
BC DL	10.0 PSF	DRW HCUSR487 05266052
BC LL	0.0 PSF	HC-ENG JB/ADR
TOT.LD.	40.0 PSF	SEQN- 36376
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQ0487_202



****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, 5843 D-080810 OR... 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.

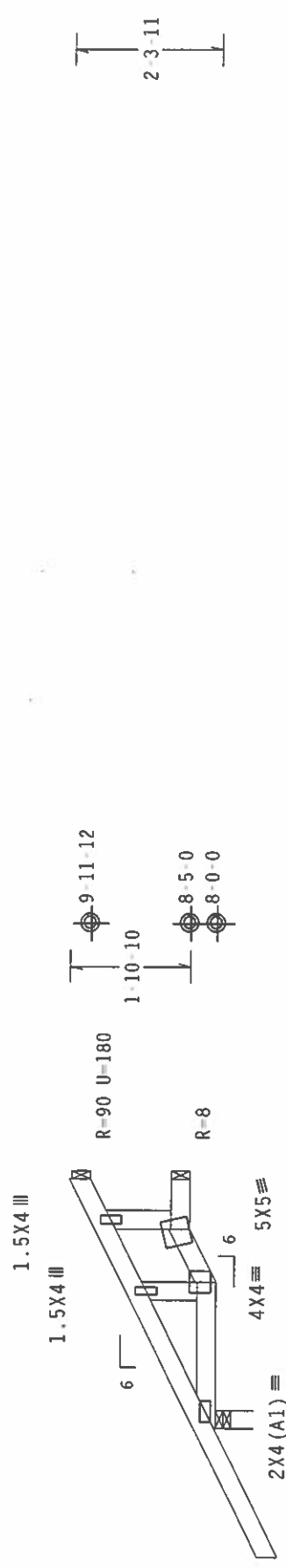
****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS AND THE INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. THE TRUSS SHALL BE DESIGNED TO MEET THE REQUIREMENTS OF THE NATIONAL DESIGN SPEC. BY ATTEMPTING TO APPLY THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) AND AISC 360 (SPECIFICATION FOR STRUCTURAL STEEL CONNECTIONS). UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1004.2. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1004.2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS 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
Haines City, FL 33844
FL Certificate of Authorization # 567

110 mph wind, 8.83 ft mean hgt, ASCE 7 98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind 8C DL-5.0 psf.

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

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



2-0-0

2-3-8 10-0-9-8
3-11-0 Over 3 Supports

R-343 U-180 W=3.5"

LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.080

QTY:1

FL/-3/-/-R/-

Scale = .375"/Ft.

110 mph wind, 8.83 ft mean hgt, ASCE 7 98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind 8C DL-5.0 psf.

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

2-3-11

2-0-0

2-3-8 10-0-9-8
3-11-0 Over 3 Supports

R-343 U-180 W=3.5"

1.5X4

1.5X4

2X4(A1)

4X4

5X5

6

6

R-90 U-180

R-8

1-10-10

9-11-12

8-5-0

8-0-0

ALPINE

Alpine Engineered Products, Inc.

1950 Marley Drive

Haines City, FL 33844

FL Certificate of Authorization # 567

Denise Rutledge

License

No. 58772

State of Florida

Professional Engineer

Sep 23 '05

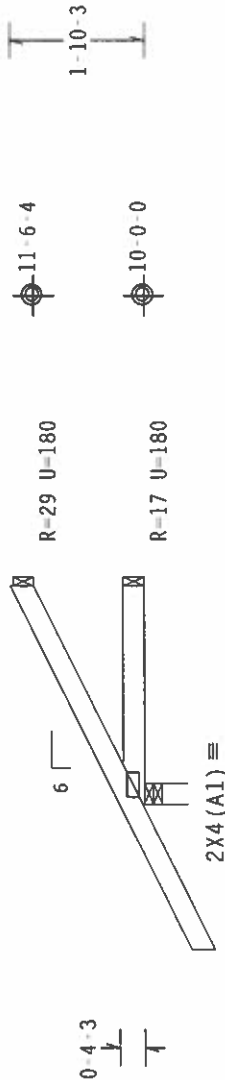
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TC DL	10.0 PSF	DATE	09/23/05	
8C DL	10.0 PSF	DRW	HCUSR487	05266053
8C LL	0.0 PSF	HC-ENG	J8/ADR	
TOT.LD.	40.0 PSF	SEON	36602	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1S0Q487	Z02

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

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

110 mph wind, 10.60 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0
psf.

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



2-0-0

2-5-8
3-0-0 Over 3 Supports
R=322 U=180 W=3.5"

PLT TYP. Wave TPI

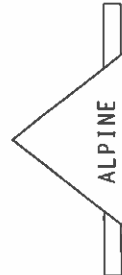
Design Crit: TPI-1995(STD)/FBC

QTY: 3 FL / - / 3 / - / R / -

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, 5603 O'DONOHIO DR., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. 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. DESIGNER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE TRUSS. THE TRUSS SHALL BE BRACED 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 AMER 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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Sep 23 '05

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

REF	R487	14324
DATE	09/23/05	
DRW	HCUSR487	05266010
HC-ENG	JB/ADR	*
SEQN	36367	
JREF	1500487	Z02

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

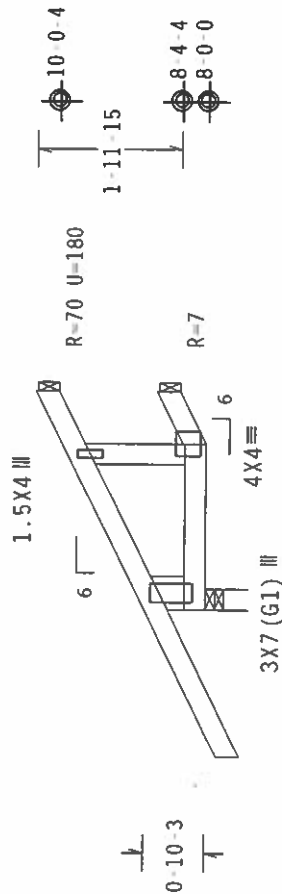
:Lt Stubbed Wedge 2x6 SP #2:

Shim all supports to solid bearing.

110 mph wind, 9.10 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind 8C DL=5.0 psf.

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

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



2-0-0

2-3-8
3-0-0 Over 3 Supports
R-291 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(SID)/FBC

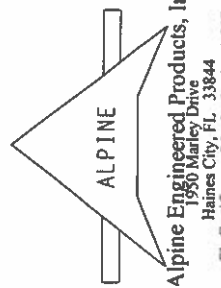
7.04.080

QTY:3 FL/-3/-1-R/-

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, 503 D'ORFORD DR., SUITE 200, MADISON, WI 53719) AND NELA (NATIONAL 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 TO THIS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS COMPONENTS SHALL BE FABRICATED IN ACCORDANCE WITH THE PROVISIONS OF THE NATIONAL DESIGN SPEC. BY ALPINE AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 50,000 PSI STEEL, 4076 (IN. K/H-5) GALT. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND UNLESS OTHERWISE INDICATED, APPLY TO EACH FACE OF TRUSS. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANCH A3 OF 1989 SECTION PER DRAWINGS, 100A 2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENTS DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



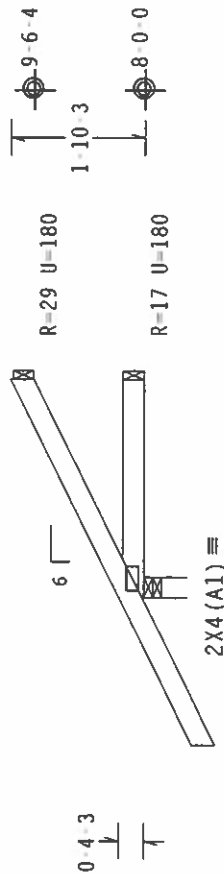
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TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266054
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN	36576	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1SQ0487_Z02	

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

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

110 mph wind, 8.60 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



2-0-0

3-0-0 Over 3 Supports
R=322 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995 (STD)/FBC

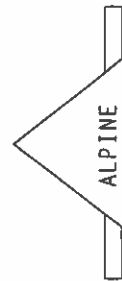
7.04.0808

QTY: 11 FL / -3 / - / R / -

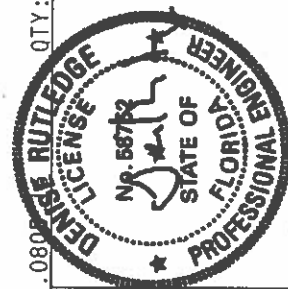
Scale = .375" / Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 FOR TRUSS MANUFACTURING, PROCESSING, AND INSTALLATION. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR UNPROFESSORIAL DR., SUITE 200, MADISON, WI 53719) AND VICE VERSA. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR UNPROFESSORIAL 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 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 TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR UNPROFESSORIAL DR., SUITE 200, MADISON, WI 53719) AND VICE VERSA. ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, OR UNPROFESSORIAL 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.



Alpine Engineered Products, Inc.
1980 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



Sep 23 '05

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"

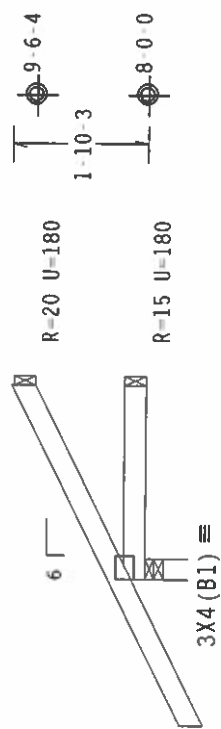
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DATE	09/23/05	
DRW	HCUSR487	05266011
HC-ENG	JB/ADR	*
SEQN	36251	
JREF	1S00487_Z02	

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

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

110 mph wind, 8.68 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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



2-0-0

2-7-15
2-7-15 Over 3 Supports
R-306 U-180 W-3.5"

LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

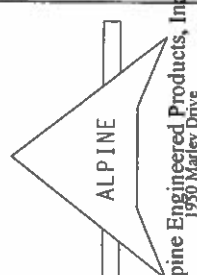
7.04.0805

QTY: 1

FL/-/3/-/R/-

Scale = .375"/Ft.

REF	R487--	14327
DATE	09/23/05	
DRW	HCUSK487	05266055
HC-ENG	JB/ADR	
SEQN	36281	
TOT.LD.	40.0 PSF	
OUR.FAC.	1.25	
SPACING	24.0"	
JREF	1S00487	Z02



ALPINE
Engineering 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 DOWNSIDE RD., SUITE 200, MADISON, WI 53719) AND NICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SPECIFIC RECOMMENDATIONS 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 DETAILING, FABRICATING, HANDLING, SHIPPING, OR INSTALLING OF TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, OR INSTALLING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY A/NRA) AND TPI. CONNECTOR PLATES ARE MADE OF 20/18/16GA (IN./M/5/3) ASTM A653 GRADE 40/60 (IN. K/H-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 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.



Denise Rutledge
LICENSE
No. 58762
STATE OF FLORIDA
PROFESSIONAL ENGINEER

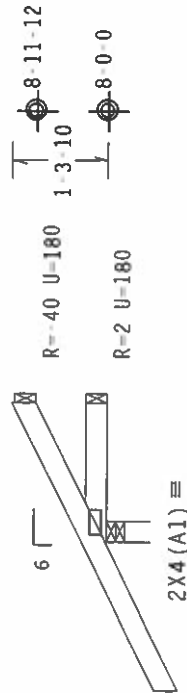
Sep 23 '05

p chord 2x4 SP #2 Dense
t chord 2x4 SP #2 Dense

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

110 mph wind, 8.33 ft mean ht., ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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



1-11-0 Over 3 Supports
R=320 U=180 W=3.5"

TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

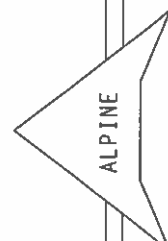
QTY:1 FL/-13/-/R/-

Scale = .375" /Ft.

TC LL	20.0 PSF	REF	R487--	14328
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266056
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN-	36593	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQ0487_Z02	

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PANELS, INC.), 10000 DR., SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF ROS (NATIONAL DESIGN SPEC. BY ASEA) AND TPI. ALPINE CONNECTION PLATES ARE MADE OF 201/19/760A (W.M.S/K) ASTM A653 GRADE 40/60 (M. P.M.S) GALV. STEEL. APPLY PLATING TO EACH FACE OF ALL TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR THE DESIGN, MANUFACTURE, AND INSTALLATION OF 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. 7.



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



Sep 23 '05

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

Hipjack supports 1-0-8 setback jacks with no webs.

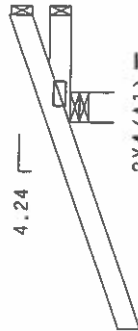
Provide { 2 } 16d common nails(0.162"x3.5"); toe nailed at Top chord.
Provide { 2 } 16d common nails(0.162"x3.5"); toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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

0-3-14
1
1

4.24



8-6-7
8-0-0

1
0-10-2
1

2-9-15

1-5-11
Over 3 Supports

R-271 U-180 W-4.95"

2LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

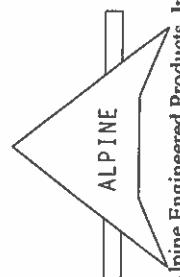
QTY:2

FL/-3/-1-/R/-

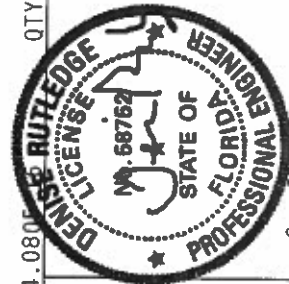
Scale =.375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO RESISTANCE TO COLLAPSE (RTRC) INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'AMORE DR., SUITE 200, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO BEGINNING 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 THE TRUSS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC, BY AISC) AND TPI. CONNECTOR PLATES ARE MADE OF 2018/16GA (M/H/S) ASTM A653 GRADE 40/60 (M, K/H-S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA 2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1950 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"

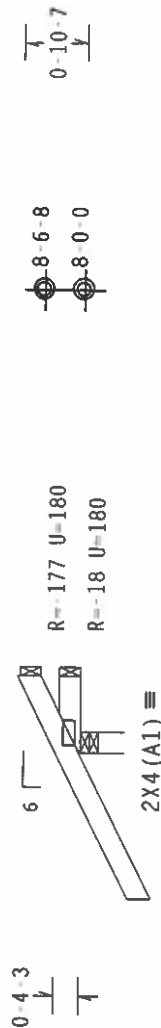
REF	R487 --	14329
DATE	09/23/05	
DRW	HCUSR487	05266057
HC-ENG	JB/ADR	
SEQN	36416	
JREF	1SQQ487	Z02

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

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

110 mph wind, 8.11 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

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



1.0.8 Over 3 Supports

R-406 U=180 W=3.5"

PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

305

QTY:4 FL/-/3/-/-/R/-

Scale = .375"/ft.

TC LL	20.0 PSF	REF	R487--	14330
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266058
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN-	36409	
DUR.FAC.	1.25			
SPACING	24.0"	REF-	150048	702



Sep 23 05

REF- 1S00487 702



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

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FL Certificate of Authorization # 567

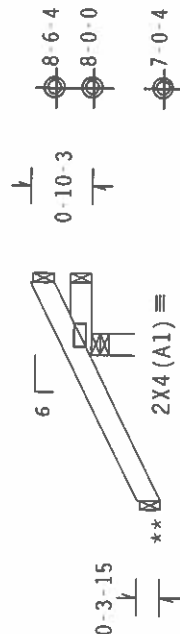
[illegible]

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

** PROVIDE CONNECTION FOR 180# UP OR DOWN AT FASCIA BEAM. FASCIA BEAMS AND THEIR CONNECTIONS TO BE DESIGNED AND FURNISHED BY OTHERS.

110 mph wind, 8.10 ft mean htg, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

R=24 U=180



R=80 U=180

2-0-0

3-0-0 Over 4 Supports

R=190 U=180 W=3.5"

LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

QTY:19 FL/-13/-1-R/-

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487 -- 14331
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266059
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	114058 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1SQ0487_Z02



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, 593 D'ARNO RD., SUITE 200, MADISON, WI 53719) AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED CEILING.

IMPORTANT TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS OR CONNECTIONS WITH APPLICABLE PROVIDER'S SPECIFICATIONS SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. CONNECTION PLATES ARE MADE OF 3018/18GAL W/3/8" ALUMINUM. 40760 (IN. K/H-S) GALT. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THE TRUSS, POSITION PER DRAWINGS 100A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI 2002 SPECIFICATIONS. THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMMON DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ALPINE

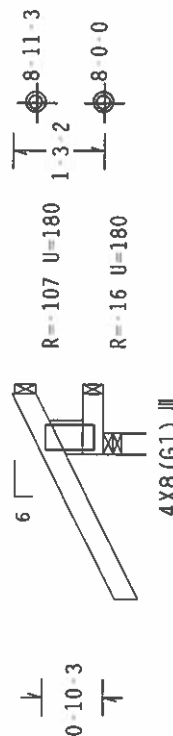
Alpine Engineered Products, Inc.
1950 N. Highway 100
Haines City, FL 33844
FL Certificate of Authorization # 567

(5-378-DARRYL ALLEN - J1D)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
:lt Stubbed Wedge 2x6 SP #2:
110 mph wind, 8.55 ft mean hgt., ASCE 7-98, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf.

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at 80t chord.



200
0-9-14 Over 3 Supports

R-316 U=180 W=3.5"

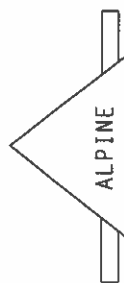
POLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/F8C

5080

QTY: 3 E11-131-1-1R1-

Scale = 375"/ft



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WARNING THOUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. PLEASE CONTACT THE FOLLOWING COMPANIES FOR MORE INFORMATION. SAFETY INFORMATION: PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 383 S. OGDEN RD., SUITE 100, OGDEN, UT 84403) AND TFC (WOOD TRUSSES, 2005 S. 1000 E., SUITE 100, MADISON, WI 53719). FOR ALL OTHERS, PLEASE CONTACT THE MANUFACTURER. THE FOLLOWING COMPANIES ARE RECOMMENDED FOR THESE FUNCTIONS, UNLESS OTHERWISE INDICATED. TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED LIGID CEILING.

**** IMPORTANT ****TURNISH A COPY OF THIS DESIGN IN THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY MATERIALS AND FABRICATING ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE REQUIREMENTS OF THIS SPECIFICATION SHALL BE THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX 1 SEC. 2.

DESIGN CONFORMS WITH THE FOLLOWING NATIONAL DESIGN SPEC. BY AISC AND THE FOLLOWING TRUSS CONNECTOR PLATES ARE MADE OF 2018B16GA (WUJUS) ASTM A653 GRADE 40/60 (F 470) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND OTHERWISE LOCATED ON THIS DESIGN. PITCHING PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX 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 ANNEX TP1 1 SEC. 2.



Sep 23 '05

TC LL	20.0 PSF	REF	R487 -- 14332
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266060
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	36585
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1500487 Z02

PROVIDE CONNECTION FOR 180# UP OR DOWN AT FASCIA BEAM. FASCIA BEAMS AND THEIR CONNECTIONS TO BE DESIGNED AND FURNISHED BY OTHERS.

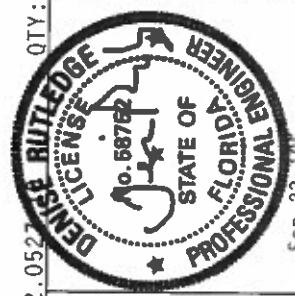


2-7-15 Over 4 Supports

R=195 U=180 W=3.5"

Scale = .375"/Ft.

TC LL	20.0 PSF	REF	R487-- 14333
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266061
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN-	114064 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1500487 Z02



Sep 23 '05



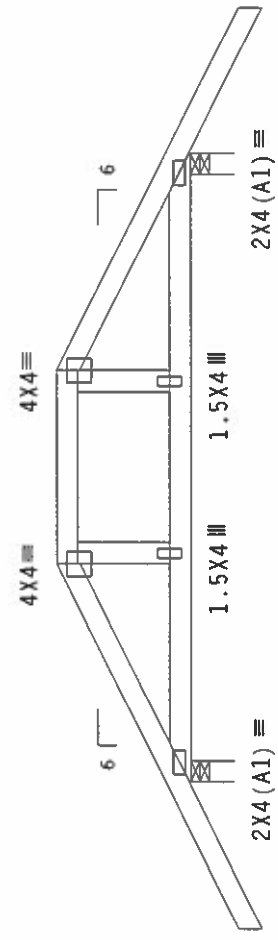
ine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
L.Certificate of Authorization # 567

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

#1 hip supports 3 0 0 jacks with no webs.

roof overhang supports 2.00 psf soffit load.

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



LT TYP. Wave TPI

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

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1

FL/-/3/-/-R/-

Scale = .375" /Ft.

TC LL	20.0 PSF	REF R487--	14334
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266062
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	36382
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1S00487_Z02

Denise Rutledge
LICENSED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 58742

Sep 23 05

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 563 ORION DRIVE, SUITE 100, HAINES CITY, FL 33844. THESE INSTRUCTIONS ARE TO BE FOLLOWED BY ALL PERSONS INVOLVED IN THE CONSTRUCTION OF THESE TRUSSES. THESE INSTRUCTIONS, UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

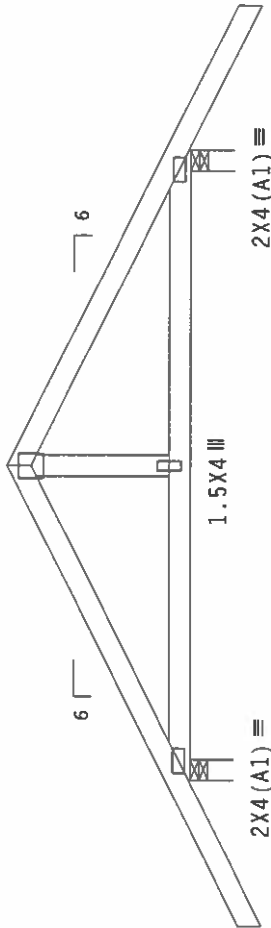
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES, DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY ASEP) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/1666 (W. W/5/2) ASTM A653 GRADE 40/60 (W. K/1.5) 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 ANNEA3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. WE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING OFFICER PER ANSI/TPI 1 SEC. 7.

5-378-DARRYL ALLEN - K2)
op chord 2x4 SP #2 Dense
ot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

110 mph wind, 10.93 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.

4X4

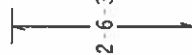


0-4-3

0-4-3



10-0-0



2-6-3



4-4-0

4-4-0

8-8-0 Over 2 Supports

R-475 U-180 W-3.5"

R-475 U-180 W-3.5"

LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.08

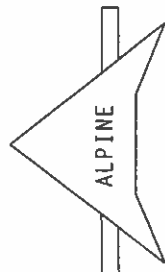
QTY:1

FL/-/3/-/-/R/-

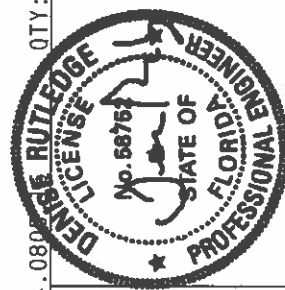
Scale = .375" / Ft.

***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, 503 D'ORFORD 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 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 MDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND IPT. ALPINE CONNECTION PLATES ARE MADE OF 2019/T606 (ALUMINUM) ASTM A505 GRADE 40/60 (M. K/PLS) GALV. STEEL. APPLY ANY INSPECTION OF PLATES AND TRUSSES TO THE DESIGNER'S OFFICE. POSITION PER DRAWING 100A.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



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



Set 23 '05

10FF-1500AR7 702

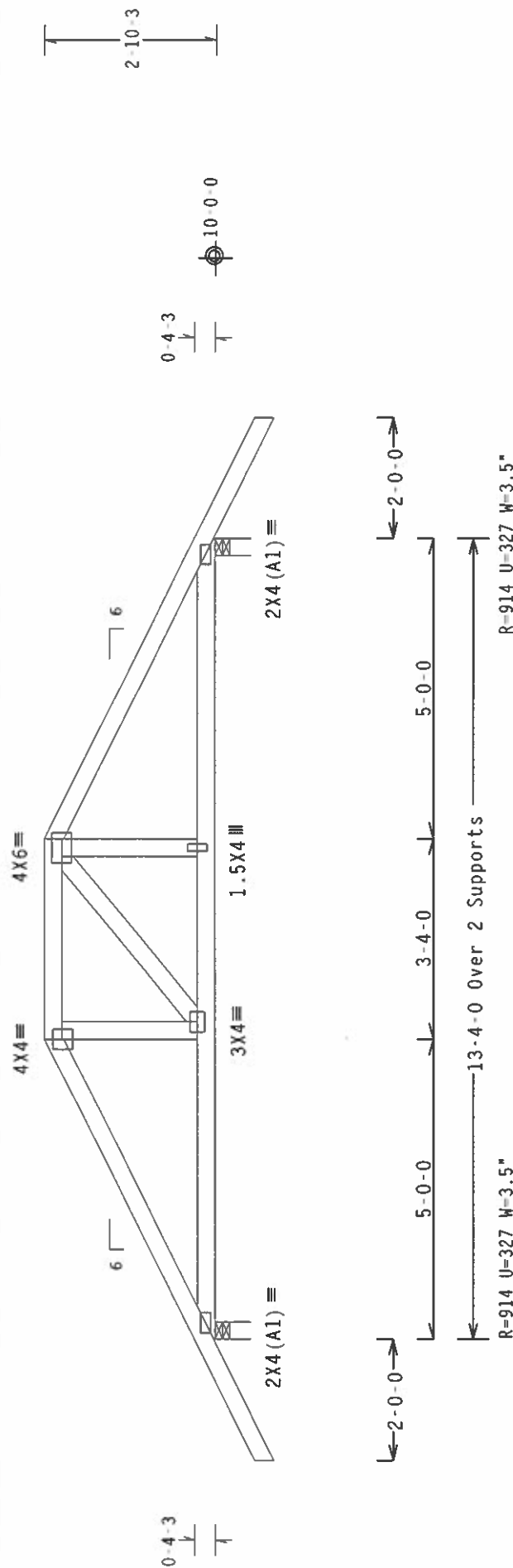
Line Engineered Products
1950 Marley Drive
Haines City, FL 33844

op	chord	2x4	SP	#2	Dense
ot	chord	2x4	SP	#2	Dense
	webs	2x4	SP	#3	

110 mph wind, 15.00 ft mean hgt., ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP 8, wind TC DL-5.0 psf, wind BC DL-5.0 psf.

1 hip supports 5-0-0 jacks with no webs.

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



LT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 FL-131-1-R/-

Scale = .375" / Ft.

*WARNING** HOUSES REQUIRE CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BLASTING. REFER TO RESIDENTIAL BUILDING CODES FOR SPECIFIC INFORMATION. PUBLISHED BY THE PLASTIC INSTITUTE, 583 S. 7TH AVE., SUITE 600, MADISON, WI 53719, AND NATIONAL PRESS COUNCIL OF AMERICA, 6300 OVERSEAS DRIVE, MADISON, WI 53719. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED, TOP THIRD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM THIRD SHALL HAVE A PROPERLY ATTACHED TOP-TO-CEILING.

*** PRODUCT: *** SUBMIT A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES, DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF MOST NATIONAL DESIGN SPEC. (AS APAS) AND TPI. THE ALPHINE TRUSS SHALL BE BUILT TO THE FOLLOWING SPECIFICATIONS: ALL TRUSS JOINTS SHALL BE FULLY GULFED. ALL PLATES IN EACH FACE OF TRUSSES AND UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES (TOLDS BY T) SHALL BE PER ANNEF 43 OF TPI-2002 SEC.2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENTS OF THIS DESIGN. THE REMAINDER OF THIS COMMENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEF 43 OF TPI-2002 SEC.2.



Haines City, FL 33844
FL Certificate of Authorization # S67

Haines City, FL 33844

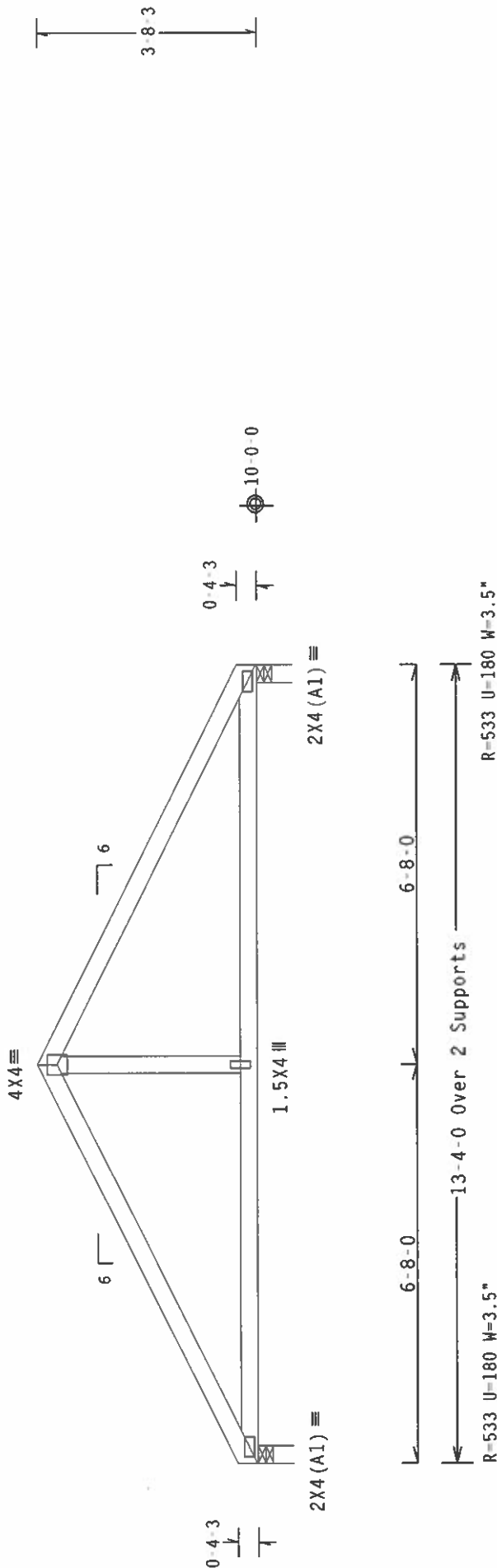
SPACING 24.0"

REF - 1S00487 Z02

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

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

1110 mph wind, 12.01 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL=5.0 psf, wind BC DL=5.0 psf.



PLT TYP: Wave TPI

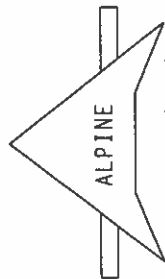
Design Crit: TPI-1995(STD)/FBC

7.04.0805

Scale = .375"/Ft.

WARNING—THUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLATION AND BRACING. REFER TO BC51 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY IPI (TRUSS PLATE INSTITUTE), 583 W. OGDEN RD., SUITE 200, MADISON, WI 53719, AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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 TPI's OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES-DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF AISI (ALLOWED DESIGN) AND AISC (ALLOWED STRESS) SPECIFICATIONS. ONLY 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 TPI SHALL BE PER ANSI A 9.1 PLT 2002-SEC.3. A SEAL ON THIS FABRICATING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT MANUFACTURED HEREIN. IN THE EVENT OF THIS CONFLICT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI A11.1 SEC.2.



Alpine Engineered Products, Inc.
1930 Marley Drive
Haines City, FL 33844



Sep 23 '05

TC LL	20.0 PSF	REF R487 -	14339
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCU8R487 05266013
BC LL	0.0 PSF	HC-ENG JB/ADR	*
TOT.LD.	40.0 PSF	SEQN-	36324
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S00487 Z02

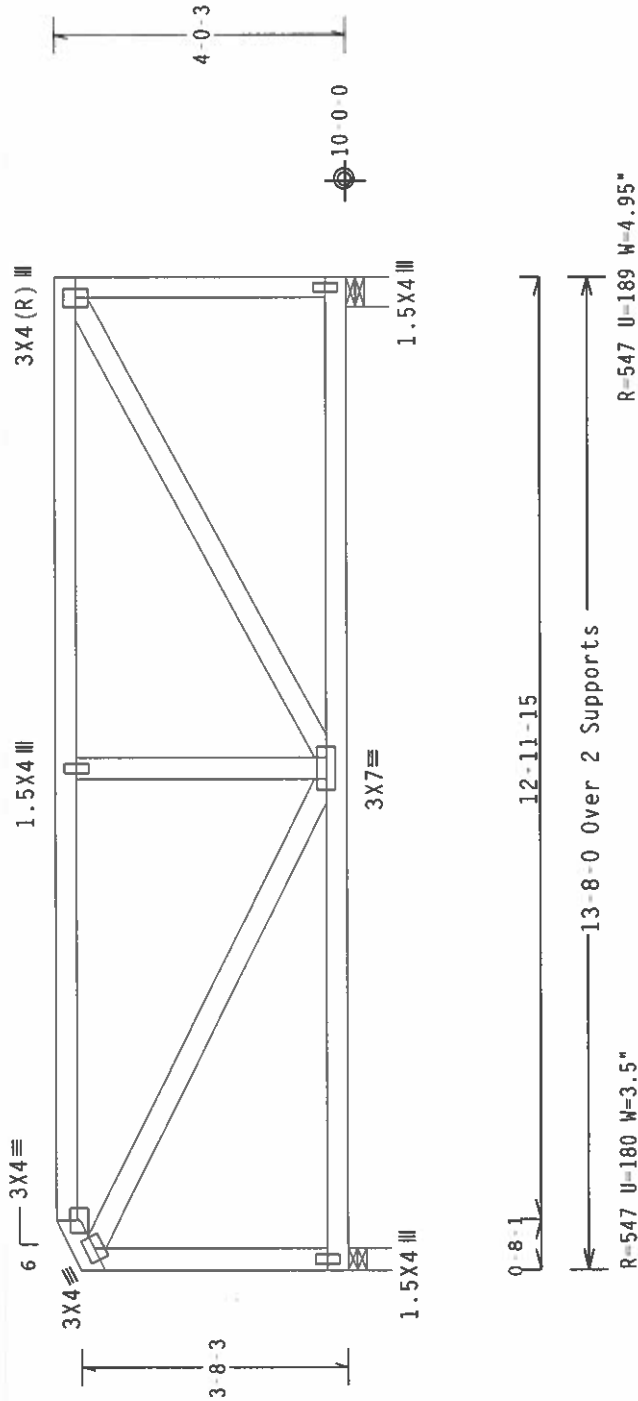
op chord 2x4 SP #2 Dense
ot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

nd verticals not exposed to wind pressure.

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

110 mph wind, 13.85 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.

Calculated horizontal deflection is 0.16" due to live load and 0.16"
due to dead load.



ALT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY: 1 FL / - / 3 / - / - / R / -

Scale = .375" / Ft.

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO UCS 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 THE TRUSS IN CONFORMANCE WITH TPI, OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNER'S RESPONSIBILITY IS TO PROVIDE THE TRUSS WITH THE CORRECT INFORMATION FOR THE INSTALLATION CONTRACTOR 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	R487--	14340
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266066
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN-	36332	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1SQQ487_Z02	

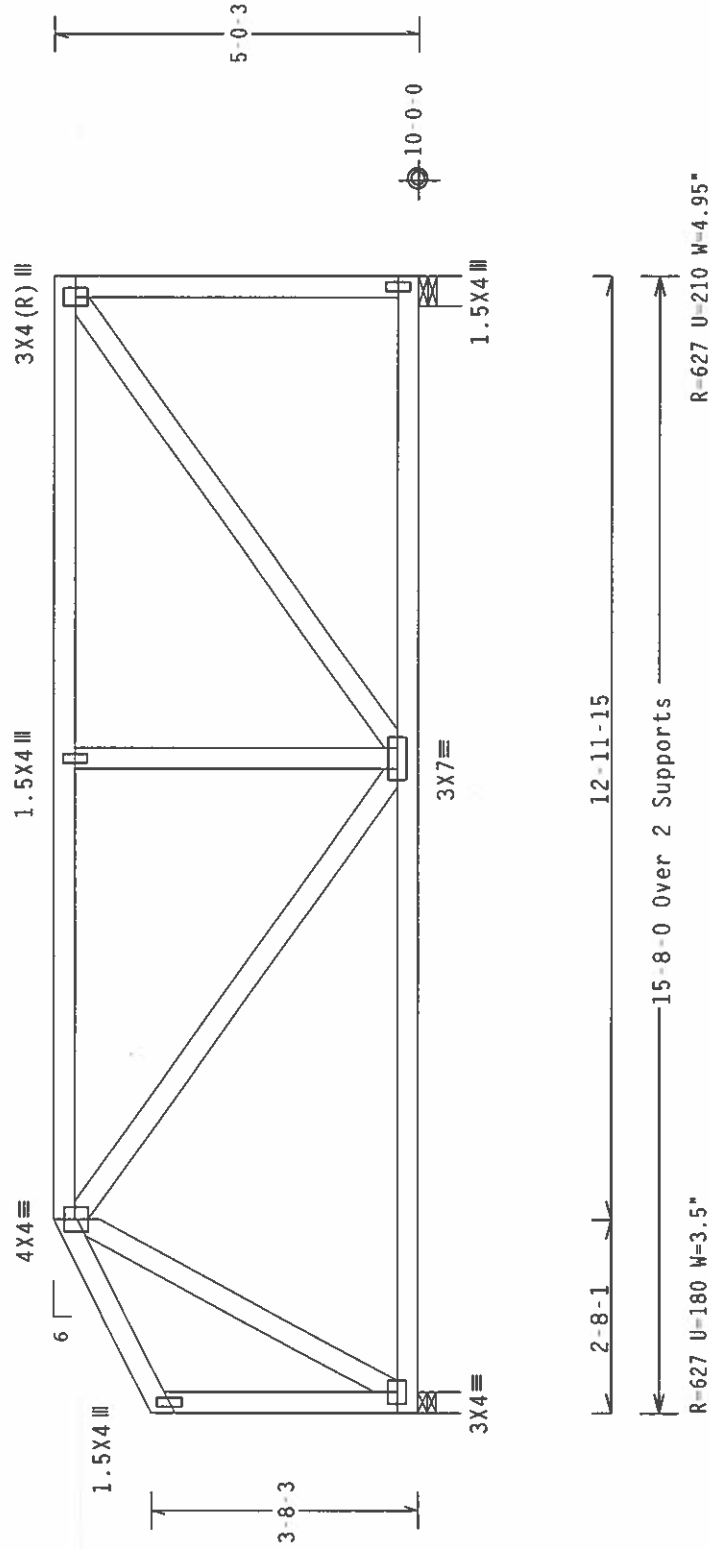
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844

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

110 mph wind, 14.35 ft mean hgt, ASCE 7-98, CLOSED bldg, not located
within 4.50 ft from roof edge, CAT II, EXP 8, wind TC DL-5.0 psf, wind
BC DL-5.0 psf.

End verticals not exposed to wind pressure.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

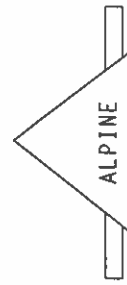
7.04.080

QTY:1 FL/-3/-/R/-

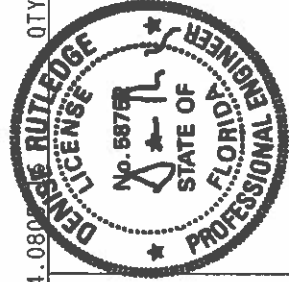
Scale = .375"/Ft.

****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'ONOFIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (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 THE DESIGN, FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY APA (S) GALV. STEEL. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/K) ASTM A653 GRADE 40/60 (IN. K/H/S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (4) 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 Engineering Products, Inc.
1950 Main Drive
Haines City, FL 33844
PI Certificate of Authorization # 567



TC LL	20.0 PSF	REF	R487 - 14341
TC DL	10.0 PSF	DATE	09/23/05
BC DL	10.0 PSF	DRW	HCUSR487 05266014
BC LL	0.0 PSF	HC-ENG	JB/ADR
TOT.LD.	40.0 PSF	SEQN	36340
DUR.FAC.	1.25		
SPACING	24.0"	JREF	15Q0487_Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3

SPECIAL LOADS

----- (LUMBER DUR. FAC. = 1.25 / PLATE DUR. FAC. = 1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 16.63
BC - From 20 PLF at 0.00 to 20 PLF at 16.63
BC - 1045 LB Conc. Load at 0.40, 2.40, 4.40, 6.40, 8.40
BC - 1043 LB Conc. Load at 10.40, 12.40, 14.40, 16.40
BC - 369 LB Conc. Load at 15.94

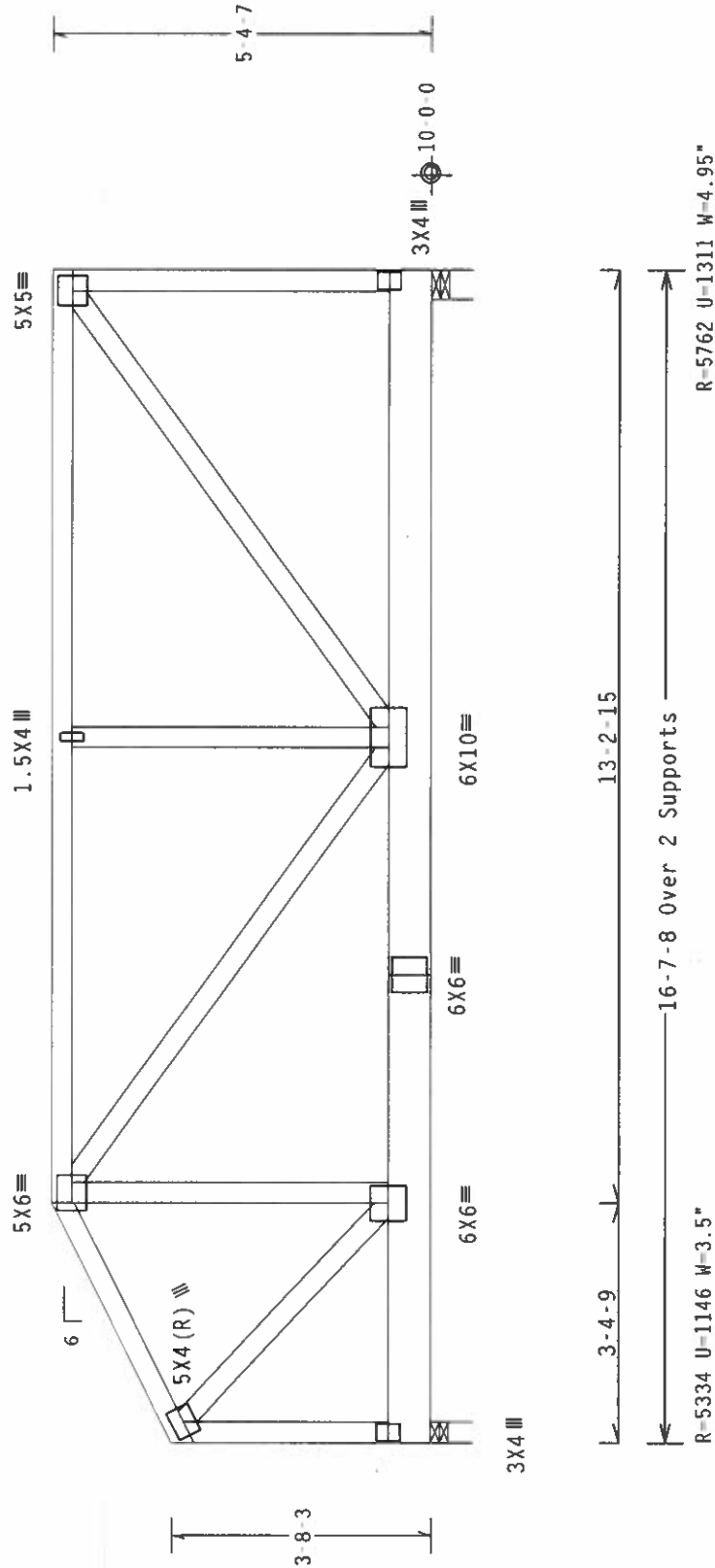
End verticals not exposed to wind pressure.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
Top Chord: 1 Row @ 12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs: 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-98, 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.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY: 1

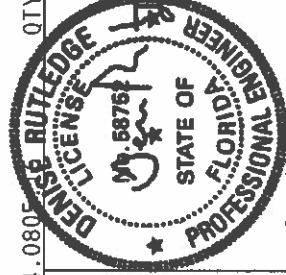
Scale = .375"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST 1.03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6500 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 FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 2018/166A (N/A/S/E) ASIM A653 GRADE 40/60 (M. K/M/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 DESIGN SHOWS THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



Alpine Engineered Products, Inc.
1560 Marley Drive
Haines City, FL 33844
FL Certificate of Authorization # 567



Sep 23 '05

TC LL	20.0 PSF	REF	R487--	14342
TC DL	10.0 PSF	DATE	09/23/05	
BC DL	10.0 PSF	DRW	HCUSR487	05266067
BC LL	0.0 PSF	HC-ENG	JB/ADR	
TOT.LD.	40.0 PSF	SEQN	37003	
DUR.FAC.	1.25			
SPACING	24.0"	JREF	1500487_202	

44001
Haines City, FL 33894
Certificate of Authorization # 567269

MAXIMUM NUMBER OF NAIL · LINES PARALLEL TO GRAIN

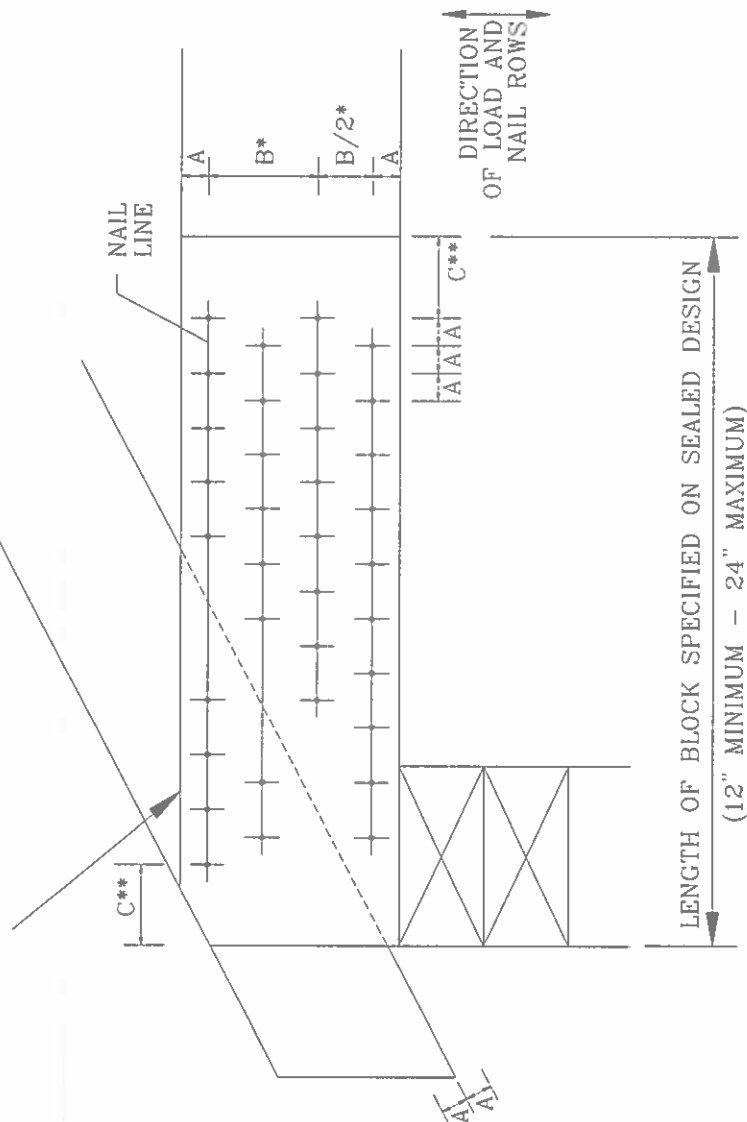
MINIMUM SPACING FOR SINGLE BEARING BLOCK IS SHOWN. DOUBLE NAIL SPACINGS AND STAGGER NAILING FOR TWO BLOCKS. GREATER SPACING MAY BE REQUIRED TO AVOID SPLITTING.

- 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 (F_c -perp) IS AT LEAST THAT OF THE CHORD.



MINIMUM NAIL SPACING DISTANCES

DISTANCES	
NAIL TYPE	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"

THIS DRAWING REPLACES DRAWING B139 AND CNBRGBLK0699



WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO THE FOLLOWING BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CONCRETE REINFORCING STEEL INSTITUTE, 5415 OLD FARM ROAD, FARMINGTON, CT 06030, FOR ADDITIONAL INFORMATION. IF YOU ARE A MEMBER OF THE CONCRETE REINFORCING STEEL INSTITUTE, YOU MAY OBTAIN A COPY OF THIS INFORMATION BY MAILING A REQUEST TO THE INSTITUTE, 5415 OLD FARM ROAD, FARMINGTON, CT 06030. IF YOU ARE NOT A MEMBER, YOU MAY OBTAIN A COPY OF THIS INFORMATION BY MAILING A REQUEST TO THE INSTITUTE, 5415 OLD FARM ROAD, FARMINGTON, CT 06030. IF YOU ARE A MEMBER OF THE CONCRETE REINFORCING STEEL INSTITUTE, YOU MAY OBTAIN A COPY OF THIS INFORMATION BY MAILING A REQUEST TO THE INSTITUTE, 5415 OLD FARM ROAD, FARMINGTON, CT 06030. IF YOU ARE NOT A MEMBER, YOU MAY OBTAIN A COPY OF THIS INFORMATION BY MAILING A REQUEST TO THE INSTITUTE, 5415 OLD FARM ROAD, FARMINGTON, CT 06030.

[illegible]

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

REF BEARING BLOCK
DATE 11/26/03
DRWG CNRGBLK1103
-ENG SJP/KAR

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.

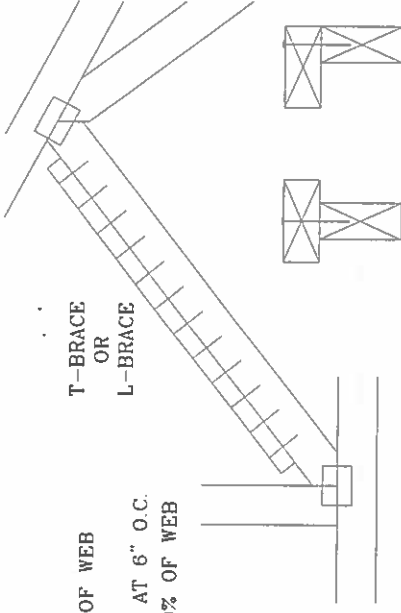
T-BRACING

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



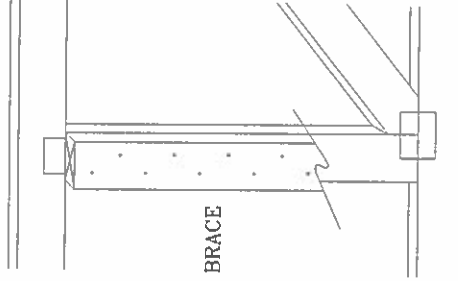
T-BRACE

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



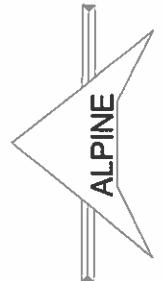
SCAB BRACE

THIS DRAWING REPLACES DRAWING 579.640				
TC LL	PSF	REF	CLB SUBST.	
TC DL	PSF	DATE	11/26/03	
BC DL	PSF	DRWG	BRCBLSUB1103	
BC LL	PSF	-ENG	MLH/KAR	
TOT. LD.	PSF			
DUR. FAC.				
SPACING				



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, 583 D'DONFRID DR., SUITE 200, MADISON, WI 53719) AND VTCA (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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONTRACTS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/S/A) ASTM A653 GRADE 40/50 (W/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 PERFORMED BY A TPI 2000-SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING. IT IS THE RESPONSIBILITY OF THE TRUSS COMPONENT DESIGNER TO VERIFY 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.
POMPANO BEACH, FLORIDA



Columbia County Building Department Culvert Permit

Culvert Permit No.
000000844

DATE 10/14/2005 PARCEL ID # 25-4S-16-03153-021
APPLICANT DARRYL ALLEN PHONE 954 868-1031
ADDRESS 1491 NW 33TH WAY FT. LAUDERDALE FL 33311
OWNER DARRYL ALLEN PHONE 954 868-1031
ADDRESS 232 SW THURMAN TERR LAKE CITY FL 32055
CONTRACTOR ISRAEL BUILDERS, INC. PHONE 954 993-3258
LOCATION OF PROPERTY 47S, TR ON 242, TR ON THURMAN TERR, 3RD LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT PICCADILLY PARK 4 C

SIGNATURE

INSTALLATION REQUIREMENTS

☒ X

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

INSTALLATION NOTE: Turnouts will be required as follows:

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

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

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

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

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

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

Amount Paid 25.00



NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

*****THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.*****

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

Tax Parcel ID Number _____

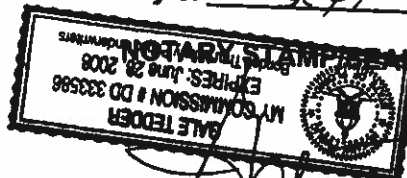
1. Description of property: (legal description of the property and street address or 911 address)
LOT 4, BLOCK C, PICCADILLY PARK, SECTION 25, TOWNSHIP 4,
SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA
2. General description of improvement: NEW CONSTRUCTION (Single Family Home)
3. Owner Name & Address Darryl F. Allen 1491 NW 33 Way Ft. Lauderdale, FL 33311
Interest in Property OWNER
4. Name & Address of Fee Simple Owner (if other than owner): _____
5. Contractor Name ISRAEL BUILDERS, INC Phone Number (954) 993-3258
Address _____
6. Surety Holders Name _____ Inst: 2005022120 Date: 09/09/2005 Time: 16:46
Address DC, P. DeWitt Cason, Columbia County B: 1057 P: 2395
Amount of Bond _____
7. Lender Name _____ Phone Number _____
Address _____
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Darryl F. Allen Phone Number 954-868-1031
Address 1491 NW 33 Way Ft. Lauderdale, FL 33311
9. In addition to himself/herself the owner designates ISRAEL BUILDERS (James Ross) of
ISRAEL BUILDERS to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -
(a) 7. Phone Number of the designee 954-993-3258
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,
(Unless a different date is specified) SEPT 9, 2006

NOTICE AS PER CHAPTER 713, Florida Statutes:

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

[Signature]
Signature of Owner

Sworn to (or affirmed) and subscribed before 9th
day of Sept, 2005



[Signature]
Signature of Notary

LYNCH WELL DRILLING, INC.

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

Building Permit # 0509-34 Owner's Name Darryl Allen
Well Depth _____ Ft. Casing Depth _____ Ft. Water Level _____ Ft.
Casing Size 4 inch Steel Pump Installation: Deep Well Submersible
Pump Make Red Jacket Pump Model 100F211-2068 HP 1
System Pressure (PSI) _____ On 30 Off 50 Average Pressure 40
Pumping System GPM at average pressure and pumping level 20 (GPM)
Tank Installation: Bladder / Galvanized Make Challenger
Model PC244 Size 81
Tank Draw-down per cycle at system pressure 25.1 gallons

I HEREBY VERIFY THAT THIS WATER WELL SYSTEM HAS BEEN
INSTALLED AS PER THE ABOVE INFORMATION.

Linda Newcomb
Signature

2609
License Number

Linda Newcomb
Print Name

9-14-05
Date



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

08/28/2005

PRODUCER

Simplified Mortgage And Insurance Services, Inc.
2711 W. Sunrise Blvd. #4
Ft. Lauderdale, Florida 33311

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION
ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE
HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR
ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

Israel Builders, Inc.
2856 NW 8th Place
Ft. Lauderdale, Florida 33311

INSURERS AFFORDING COVERAGE

NAIC #

INSURER A: Canal Indemnity Company

INSURER B:

INSURER C:

INSURER D:

INSURER E:

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

TYPE OF INSURANCE	POLICY NUMBER	POLICY PERIOD DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS												
GENERAL LIABILITY ☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☐ PROJECT ☐ LOC	Renewal of: GL55833	8-4-05	8-4-06	<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$ 1,000,000.00</td></tr><tr><td>DAMAGE TO RENTED PREMISES (Ea occurrence)</td><td>\$ 50,000</td></tr><tr><td>MED EXP (Any one person)</td><td>\$ 5,000</td></tr><tr><td>PERSONAL & ADV INJURY</td><td>\$ 1,000,000.00</td></tr><tr><td>GENERAL AGGREGATE</td><td>\$ 2,000,000.00</td></tr><tr><td>PRODUCTS - COMPROP AGG</td><td>\$ 1,000,000.00</td></tr></table>	EACH OCCURRENCE	\$ 1,000,000.00	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 50,000	MED EXP (Any one person)	\$ 5,000	PERSONAL & ADV INJURY	\$ 1,000,000.00	GENERAL AGGREGATE	\$ 2,000,000.00	PRODUCTS - COMPROP AGG	\$ 1,000,000.00
EACH OCCURRENCE	\$ 1,000,000.00															
DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 50,000															
MED EXP (Any one person)	\$ 5,000															
PERSONAL & ADV INJURY	\$ 1,000,000.00															
GENERAL AGGREGATE	\$ 2,000,000.00															
PRODUCTS - COMPROP AGG	\$ 1,000,000.00															
AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS				<table border="1"><tr><td>COMBINED SINGLE LIMIT (Ea accident)</td><td>\$</td></tr><tr><td>BODILY INJURY (Per person)</td><td>\$</td></tr><tr><td>BODILY INJURY (Per accident)</td><td>\$</td></tr><tr><td>PROPERTY DAMAGE (Per accident)</td><td>\$</td></tr></table>	COMBINED SINGLE LIMIT (Ea accident)	\$	BODILY INJURY (Per person)	\$	BODILY INJURY (Per accident)	\$	PROPERTY DAMAGE (Per accident)	\$				
COMBINED SINGLE LIMIT (Ea accident)	\$															
BODILY INJURY (Per person)	\$															
BODILY INJURY (Per accident)	\$															
PROPERTY DAMAGE (Per accident)	\$															
GARAGE LIABILITY ☐ ANY AUTO				<table border="1"><tr><td>AUTO ONLY - EA ACCIDENT</td><td>\$</td></tr><tr><td>OTHER THAN AUTO ONLY: EA ACC</td><td>\$</td></tr><tr><td>AGG</td><td>\$</td></tr></table>	AUTO ONLY - EA ACCIDENT	\$	OTHER THAN AUTO ONLY: EA ACC	\$	AGG	\$						
AUTO ONLY - EA ACCIDENT	\$															
OTHER THAN AUTO ONLY: EA ACC	\$															
AGG	\$															
EXCESS/UMBRELLA LIABILITY ☐ OCCUR ☐ CLAIMS MADE DEDUCTIBLE RETENTION \$				<table border="1"><tr><td>EACH OCCURRENCE</td><td>\$</td></tr><tr><td>AGGREGATE</td><td>\$</td></tr><tr><td></td><td>\$</td></tr><tr><td></td><td>\$</td></tr><tr><td></td><td>\$</td></tr></table>	EACH OCCURRENCE	\$	AGGREGATE	\$		\$		\$		\$		
EACH OCCURRENCE	\$															
AGGREGATE	\$															
	\$															
	\$															
	\$															
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				<table border="1"><tr><td>VIC STATUTORY LIMITS</td><td>OTHER</td></tr><tr><td>E.L. EACH ACCIDENT</td><td>\$</td></tr><tr><td>E.L. DISEASE - EA EMPLOYEE</td><td>\$</td></tr><tr><td>E.L. DISEASE - POLICY LIMIT</td><td>\$</td></tr></table>	VIC STATUTORY LIMITS	OTHER	E.L. EACH ACCIDENT	\$	E.L. DISEASE - EA EMPLOYEE	\$	E.L. DISEASE - POLICY LIMIT	\$				
VIC STATUTORY LIMITS	OTHER															
E.L. EACH ACCIDENT	\$															
E.L. DISEASE - EA EMPLOYEE	\$															
E.L. DISEASE - POLICY LIMIT	\$															
OTHER																

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

City of Fort Lauderdale Building Department
3011 NW 1 Avenue
Ft. Lauderdale, Florida

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE



DEPARTMENT OF FINANCIAL SERVICES

TOM GALLAGHER
CHIEF FINANCIAL OFFICER

EXEMPTION APPLICATION RECEIPT

This receipt **ONLY** confirms that the applicant listed below has submitted an application for exemption from the provisions of the workers' compensation law to the Division of Workers' Compensation. **THIS RECEIPT DOES NOT CONSTITUTE PROOF THAT AN EXEMPTION HAS BEEN ISSUED TO THE APPLICANT. AN EXEMPTION SHALL BECOME EFFECTIVE WHEN ISSUED BY THE DEPARTMENT.**

DATE RECEIVED: 08/18/2005

APPLICANT'S NAME: Foss James

BUSINESS NAME: Israel Buekers Inc

Receipt completed by: [Signature]

Exemption applications are processed in the order it was received. The Division of Workers' Compensation has 30 days to issue the application after it has been received or notify you that it is incomplete.

The exemption application was received at the following Division of Workers' Compensation office:

Bureau of Compliance
499 Northwest 70th Avenue
Suite #116
Plantation, FL 33317

Telephone (954) 321-3143, or
(954) 321-3160

RECEIVED
AUG 18 2005
BUREAU OF COMPLIANCE
FT. LAUDERDALE

C#1567839

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L04082604300

DATE	BATCH NUMBER	LICENSE NBR
8/26/2004	040178638	CRC1326958

The RESIDENTIAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2006

ROSS, JAMES EDWARD
ISRAEL BUILDER'S INC
2856 N.W. 8TH PLACE
FORT LAUDERDALE

FL 33311

JEB BUSH
GOVERNOR

DISPLAY AS REQUIRED BY LAW

DIANE CARR
SECRETARY

CERTIFICATE OF COMPETENCY

BROWARD
COUNTY
FLORIDA

JAMES E. ROSS

CLASS C GENERAL BUILDER - RESIDENTIAL

ISRAEL BUILDERS, INC.

CC# 91-CGC-1314C-X
Expires 8/31/07

Ref. 003853266
Ctrl# 3266



FORM NO.
401-200AC 25-0H1

Board of County Commissioners, Broward County Florida
BROWARD COUNTY OCCUPATIONAL LICENSE TAX
FOR PERIOD OCTOBER 1, 2005 THRU SEPTEMBER 30, 2006

X ☐ RENEWAL ☐ TRANSFER SEC # 18 / 180
X ☐ NEW DATE BUSINESS OPENED 02/15/99
STATE OR COUNTY CERT# 0213326958
Business Location Address:
2856 NW 8 PL
FORT LAUDERDALE FL 33311
BUSINESS PHONE: (954) 584-8730

TAX	27.00
BACK TAX	
PENALTY	
T.C. FEE	
TRANSFER	
TOTAL	27.00

PENALTIES IF PAID	
OCT. - 10%	NOV. - 15%
DEC. - 20%	After DEC. 31 - 25%
* Plus Tax Collection Fee of up to \$25.00 Based on Cost of License if Paid On or After November 30.	

ACCOUNT NUMBER
180-0003720

THIS LICENSE MUST BE CONSPICUOUSLY DISPLAYED
TO PUBLIC VIEW AT THE LOCATION ADDRESS ABOVE.

ISRAEL BUILDERS INC
ROSS JAMES E
2856 NW 8 PLACE
FORT LAUDERDALE FL 33311

PAID
8/29/05
27.00
FBI

RECEIVED
BROWARD COUNTY, FLORIDA
40500.0001 OF 0001

James E. Ross
James E. Ross
BROWARD COUNTY REVENUE COLLECTOR
118 S. Andrews Avenue, Governmental Center Annex
FORT LAUDERDALE, FL 33301
www.broward.org/revenue

BROWARD
COUNTY

TYPE OF LICENSE TAX PAID
GENERAL BUILDER CLASS I
1 UNIT

2005 - 2006

PAYMENT RECEIVED AS VALIDATED ABOVE

*SEE INSTRUCTIONS ON BACK OF LAST COPY

0000000000 0000002700 0000001800003720 1001 1

STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION

09-09-2003

CERTIFICATE OF EXEMPTION FROM FLORIDA WORKERS' COMPENSATION LAW

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation Law.

EFFECTIVE	09/11/2003	EXPIRATION DATE	09/10/2005
PERSON	ROSS	JAMES	E
SSN	267-27-7528		
FEIN	650886399		
BUSINESS	ISRAEL BUILDERS INC 2856 NW 8 PL FORT LAUDERDALE	FL	33311

NOTE: Pursuant to Chapter 440.10(1)(g), 2, F.S., a sole proprietor, partner, or an officer of a corporation who elects exemption from the Florida Workers' Compensation Law may not recover benefits or compensation under Chapter 440.

PLEASE CUT OUT THE CARD BELOW AND RETAIN FOR FUTURE REFERENCE

STATE OF FLORIDA DEPARTMENT OF FINANCIAL SERVICES DIVISION OF WORKERS' COMPENSATION			F O L D H E R E
CONSTRUCTION INDUSTRY CERTIFICATE OF EXEMPTION FROM FLORIDA WORKERS' COMPENSATION LAW			
EFFECTIVE:	09/11/2003		NOTE: Pursuant to chapter 440.10(1)(g), 2, F.S., a sole proprietor, partner, or officer of an corporation who elects exemption from the Florida Workers' Compensation Law may not recover benefits or compensation under Chapter 440.
EXPIRATION:	09/10/2005		
PERSON:	ROSS	JAMES	
SSN:	267-27-7528		
FEIN:	650886399		
BUSINESS:	ISRAEL BUILDERS INC 2856 NW 8 PL FORT LAUDERDALE	FL 33311	

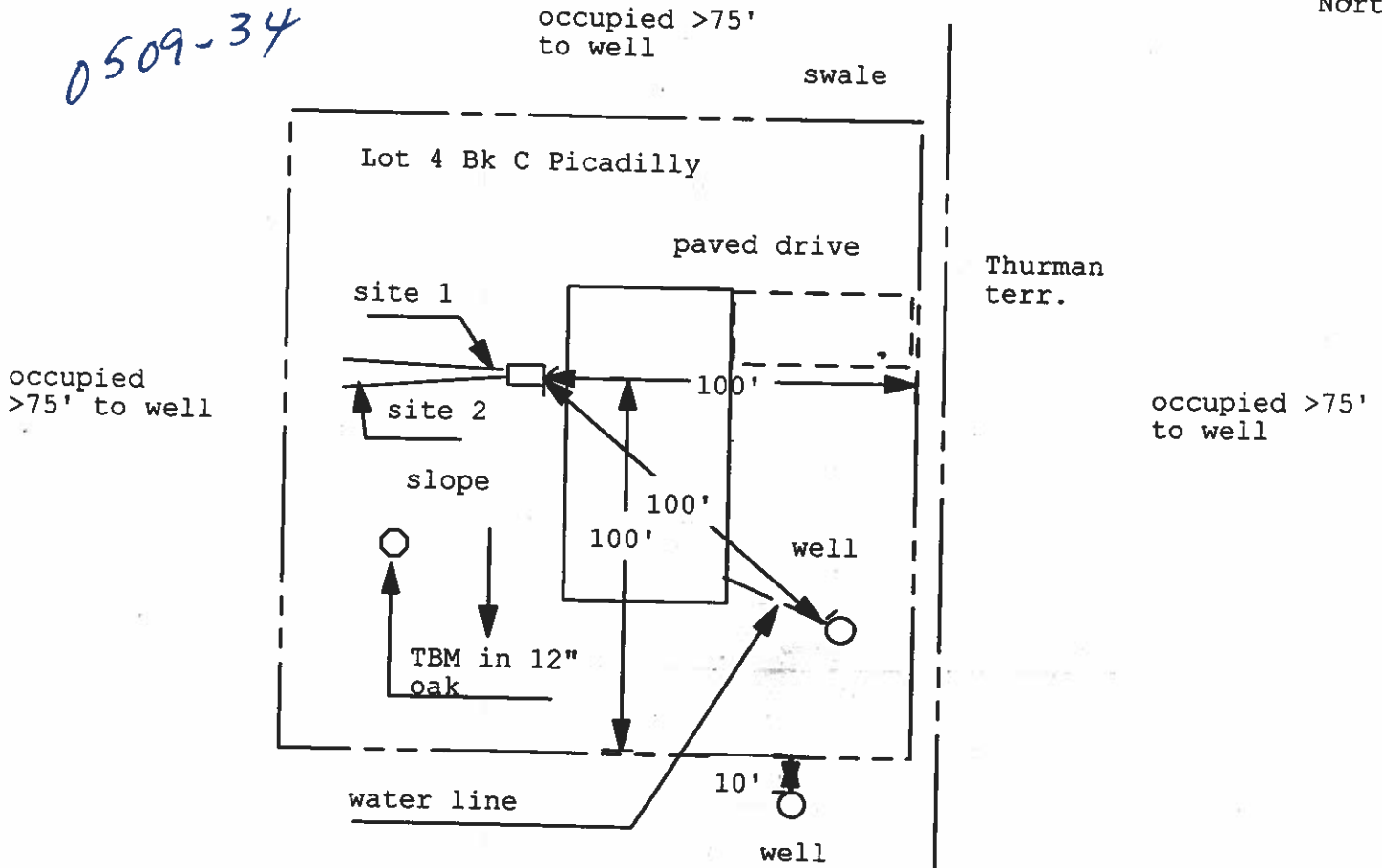
CUT HERE

* Carry bottom portion on the job, keep upper portion for your records.

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 05-0937N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

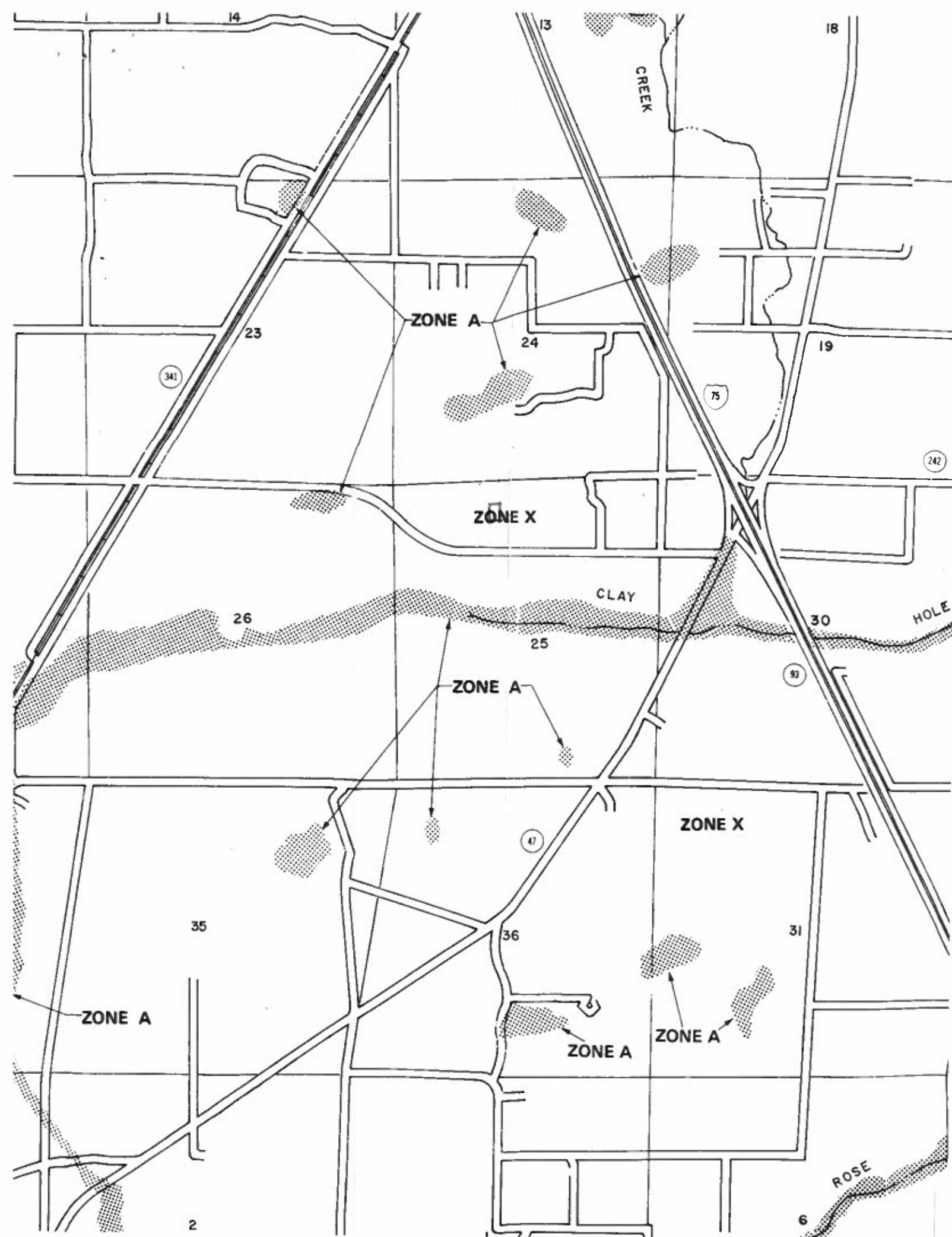
CR# 05-3015 Allen



1 inch = 50 feet

Site Plan Submitted By P. D. L.
Plan Approved ✓ Not Approved Date 8/17/08
By M. A. 2n Date 9/11/05
Columbia CPHU

Notes:



FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Darryl F. Allen**
Address: **Lot: 4, Sub: Piccadilly Park, Plat:**
City, State: **Lake City, FL 32025-**
Owner: **Allen Residence**
Climate Zone: **North**

Builder:
Permitting Office: **Columbia**
Permit Number: **23718**
Jurisdiction Number: **221000**

- | | | |
|--|--------------------------------|-----|
| 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? | No | ___ |
| 6. Conditioned floor area (ft ²) | 1929 ft ² | ___ |
| 7. Glass area & type | | ___ |
| a. Clear - single pane | 0.0 ft ² | ___ |
| b. Clear - double pane | 275.0 ft ² | ___ |
| c. Tint/other SHGC - single pane | 0.0 ft ² | ___ |
| d. Tint/other SHGC - double pane | 0.0 ft ² | ___ |
| 8. Floor types | | ___ |
| a. Slab-On-Grade Edge Insulation | R=0.0, 228.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | ___ |
| a. Frame, Wood, Exterior | R=13.0, 1441.0 ft ² | ___ |
| b. Frame, Wood, Adjacent | R=13.0, 148.0 ft ² | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | ___ |
| a. Under Attic | R=30.0, 2000.0 ft ² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | ___ |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 40.0 ft | ___ |
| b. N/A | | ___ |

- | | | |
|--|-------------------|-----|
| 12. Cooling systems | | |
| a. Central Unit | Cap: 39.0 kBtu/hr | ___ |
| | SEER: 11.00 | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 13. Heating systems | | |
| a. Electric Heat Pump | Cap: 39.0 kBtu/hr | ___ |
| | HSPF: 6.80 | ___ |
| 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: 0.14

Total as-built points: 29921

Total base points: 31134

PASS

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

PREPARED BY: Will Myers

DATE: 8/03/05

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: _____

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Piccadilly Park, Plat: , Lake City, FL, 32025-

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	1929.0	20.04	6958.3	Double, Clear	W	1.5 6.0	45.0	36.99	0.91	1520.2
				Double, Clear	W	11.5 8.0	42.0	36.99	0.46	708.4
				Double, Clear	SW	8.5 8.0	21.0	38.46	0.48	386.2
				Double, Clear	S	3.5 9.7	20.0	34.50	0.75	517.4
				Double, Clear	W	1.5 8.0	42.0	36.99	0.96	1488.3
				Double, Clear	N	1.5 4.0	6.0	19.22	0.88	101.6
				Double, Clear	N	1.5 6.0	15.0	19.22	0.94	270.6
				Double, Clear	E	1.5 6.0	40.0	40.22	0.91	1468.5
				Double, Clear	E	13.5 7.7	22.0	40.22	0.40	357.2
				Double, Clear	E	1.5 5.0	16.0	40.22	0.87	562.8
				Double, Clear	S	1.5 4.0	6.0	34.50	0.74	153.4
				As-Built Total:				275.0		7534.6
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	= Points	
Adjacent	148.0	0.70	103.6	Frame, Wood, Exterior	13.0		1441.0	1.50	2161.5	
Exterior	1441.0	1.70	2449.7	Frame, Wood, Adjacent	13.0		148.0	0.60	88.8	
Base Total:				As-Built Total:				1589.0		2250.3
DOOR TYPES Area X BSPM = Points				Type			Area X	SPM	= Points	
Adjacent	20.0	2.40	48.0	Exterior Insulated			20.0	4.10	82.0	
Exterior	20.0	6.10	122.0	Adjacent Insulated			20.0	1.60	32.0	
Base Total:				As-Built Total:				40.0		114.0
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM X SCM	= Points	
Under Attic	1929.0	1.73	3337.2	Under Attic	30.0		2000.0	1.73 X 1.00	3460.0	
Base Total:				As-Built Total:				2000.0		3460.0
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	= Points	
Slab	228.0(p)	-37.0	-8436.0	Slab-On-Grade Edge Insulation	0.0		228.0(p)	-41.20	-9393.6	
Raised	0.0	0.00	0.0							
Base Total:				As-Built Total:				228.0		-9393.6
INFILTRATION Area X BSPM = Points								Area X	SPM	= Points
	1929.0	10.21	19695.1					1929.0	10.21	19695.1

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Piccadilly Park, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 24277.8				Summer As-Built Points: 23660.4						
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
24277.8		0.4266	10356.9	23660.4	1.000	(1.090 x 1.147 x 1.00)	0.310	1.000		9178.2
24277.8		0.4266	10356.9	23660.4	1.00	1.250	0.310	1.000		9178.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Piccadilly Park, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ormt Len Hgt		Area X WPM X WOF = Points				
.18	1929.0	12.74	4423.6	Double, Clear	W	1.5	6.0	45.0	10.77	1.02	495.8
				Double, Clear	W	11.5	8.0	42.0	10.77	1.20	543.0
				Double, Clear	SW	8.5	8.0	21.0	7.17	1.64	246.2
				Double, Clear	S	3.5	9.7	20.0	4.03	1.31	105.8
				Double, Clear	W	1.5	8.0	42.0	10.77	1.01	457.2
				Double, Clear	N	1.5	4.0	6.0	14.30	1.01	86.3
				Double, Clear	N	1.5	6.0	15.0	14.30	1.00	215.1
				Double, Clear	E	1.5	6.0	40.0	9.09	1.04	376.5
				Double, Clear	E	13.5	7.7	22.0	9.09	1.43	286.2
				Double, Clear	E	1.5	5.0	16.0	9.09	1.05	152.7
				Double, Clear	S	1.5	4.0	6.0	4.03	1.34	32.5
				As-Built Total:				275.0	2997.3		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	148.0	3.60	532.8	Frame, Wood, Exterior	13.0		1441.0	3.40	4899.4		
Exterior	1441.0	3.70	5331.7	Frame, Wood, Adjacent	13.0		148.0	3.30	488.4		
Base Total:				As-Built Total:		1589.0		5387.8			
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	20.0	11.50	230.0	Exterior Insulated			20.0	8.40	168.0		
Exterior	20.0	12.30	246.0	Adjacent Insulated			20.0	8.00	160.0		
Base Total:				As-Built Total:		40.0		328.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1929.0	2.05	3954.4	Under Attic	30.0		2000.0	2.05 X 1.00	4100.0		
Base Total:				As-Built Total:		2000.0		4100.0			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	228.0(p)	8.9	2029.2	Slab-On-Grade Edge Insulation	0.0		228.0(p)	18.80	4286.4		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		228.0		4286.4			
INFILTRATION Area X BWPM = Points						Area X WPM = Points					
1929.0 -0.59 -1138.1						1929.0 -0.59 -1138.1					

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 4, Sub: Piccadilly Park, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		15609.6		Winter As-Built Points:						15961.4	
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	
15609.6		0.6274	9793.5	15961.4 15961.4	1.000 1.00	(1.069 x 1.169 x 1.00) 1.250	0.501 0.501	1.000 1.000	1.000 1.000	10002.5 10002.5	

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

ADDRESS: Lot: 4, Sub: Piccadilly Park, Plat: , Lake City, FL, 32025-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Multiplier
Bedrooms									
4		2746.00		10984.0	50.0	0.90	4	1.00	2684.98
									1.00
									10739.9
					As-Built Total:				10739.9

CODE COMPLIANCE STATUS

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total	Cooling	+	Heating
Points		Points		Points		Points	Points		Points
10357		9793		10984		31134	9178		10002
									10740
									29921

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 4, Sub: Piccadilly Park, Plat: , Lake City, FL, 32025-

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* = 83.4

The higher the score, the more efficient the home.

Allen Residence, Lot: 4, Sub: Piccadilly Park, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 39.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1929 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 39.0 kBtu/hr
b. Clear - double pane	275.0 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 228.0(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, 1441.0 ft ²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 148.0 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, 2000.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 40.0 ft		
b. N/A			

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

Builder Signature: _____ Date: _____

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



***NOTE:** The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/468-8074.

Energy Gauge Version: FLR1PB v3.22)

GENERAL PUBLIC WORKS OR OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 25-4S-16-03153-021

Building permit No. 000023718

Use Classification SFD, UTILITY

Fire: 44.64

Permit Holder ISRAEL BUILDERS, INC

Waste: 134.00

Owner of Building DARRYL F. ALLEN

Total: 178.64

Location: 232 SW THURMAN TERR(PICCADILLY PARK, LOT 4)

Date: 02/07/2007



Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 12071

City: DAVIA FLOR

Phone: 753-1203

Site Location: Subdivision 1

Lot # 1

Block# 1

Permit # 23718

Address 732 W. Thomas Ter

Product used

☐ Premise

Imidacloprid

% Concentration

0.1%

☐ Termidor

Fipronil

0.12%

☐ Bora Care

Disodium Octaborate Tetrahydrate

23.0%

Type treatment:

☐ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____

Date

Time

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

POINT OF COMMENCEMENT
NE CORNER OF NE 1/4
OF NW 1/4, SECTION 25,
TOWNSHIP 4 SOUTH,
RANGE 16 EAST

S.01°03'00"E.
262.55' (DEED)

S.88°31'00"W.
792.63' (DEED)

S.01°35'00"E.
172.50' (DEED)

S.88°31'00"W.
170.00' (DEED)
S.88°27'38"W.
170.13' (FIELD)

POINT OF BEGINNING
L.L. LEE
P.L.S. 1950

LOT 4
NO
IMPROVEMENTS
LOCATED

172.50' (DEED)
S.01°35'00"E. 172.37' (FIELD)

L.L. LEE
P.L.S. 1950

N.88°32'03"E. 170.55' (FIELD)
N.88°31'00"E. 170.00' (PLAT)

NO IDENTIFICATION

N.01°43'12"W. 172.59' (FIELD)
N.01°35'00"W. 172.50' (DEED)

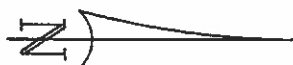
208TH STREET (PAVED PUBLIC)

BOUNDARY SURVEY IN SECTION 25, TOWNSHIP 4 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.

SYMBOL LEGEND

- 4x4' CONCRETE MONUMENT FOUND
- 4x4' CONCRETE MONUMENT SET
- IRON PIPE FOUND
- IRON PIN AND CAP SET
- POWER POLE
- WATER METER
- CENTERLINE
- WELL
- SATELLITE DISH
- TELEPHONE BOX
- ELECTRIC LINES
- WIRE FENCE
- CHAIN LINK FENCE
- WOODEN FENCE

SCALE: 1" = 40'



DESCRIPTION:
LOT 4, BLOCK C, PICCADILLY PARK, AN UNRECORDED SUBDIVISION LYING IN A PART OF SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, SAID LOT 4 BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
COMMENCE AT THE NORTHEAST CORNER OF THE NORTHEAST 1/4 OF SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST, AND RUN THENCE S.01°03'00"E., 262.55 FEET; THENCE S.88°31'00"W., 792.63 FEET; THENCE S.01°35'00"E., 172.50 FEET TO THE NORTHEAST CORNER OF SAID LOT AND POINT OF BEGINNING; THENCE CONTINUE S.01°35'00"E., 172.50 FEET; THENCE N.88°31'00"E., 170.00 FEET; THENCE N.01°35'00"W., 172.50 FEET; THENCE S.88°31'00"W., 170.00 FEET TO THE POINT OF BEGINNING.
LESS AND EXCEPT ANY PART LYING WITHIN A PUBLIC RIGHT-OF-WAY.

SURVEYOR'S NOTES:

- BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
- BEARINGS ARE BASED ON SAID PLAT OF RECORD.
- THIS PARCEL IS IN ZONE 'X' AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0175 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
- THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
- IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
- THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

CERTIFIED TO:

DARRYL F. ALLEN
BABY BOY INVESTMENT GROUP

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61D17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

05/13/05
FIELD SURVEY DATE

05/16/05
DRAWING DATE

SCOTT BRITT, P.S.M.
CERTIFICATION # 5757

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.



BRITT SURVEYING

LAND SURVEYORS AND MAPPERS

830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055
(386) 752-7163 FAX (386) 752-5573

WORK ORDER # L-16109

FIELD BOOK: 275

PAGE(S): 97