DATE 10/24/2005

Columbia County Building Permit

PERMIT 000023759

This Permit Expires One Year From the Date of Issue

APPLICANT JONATHAN PERRY PHONE 719-7192

ADDRESS 373 OLD MILL DR LAKE CITY FL 32024

OWNER GEORGE BAKER PHONE 754-1846

ADDRESS 331 SE EVA TERR LAKE CITY FL 32025

CONTRACTOR JOHNATHAN PERRY PHONE 719-7192

LOCATION OF PROPERTY 247, L ON 242, R ON EVE TERR, 4TH ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 96700.00

HEATED FLOOR AREA 1934.00 TOTAL AREA 2873.00 HEIGHT 20.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 28-4S-16-03234-002 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 5.00

000000859 CBC058042

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

WAIVER 05-0989-N BK JH N

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

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 3097

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power date/app. by Foundation date/app. by Monolithic (footer/Slab) 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 $ 14.37 SURCHARGE FEE $ 14.37

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 588.74

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

23759

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
TITLE OFFICES, LLC
1089 SW MAIN BLVD.
LAKE CITY, FLORIDA 32025

Parcel I.D. #: ***03234-002***

Inst:2005024632 Date:10/04/2005 Time:15:59
DC,P.DeWitt Cason,Columbia County B:1060 P:1948

SPACE ABOVE THIS LINE FOR PROCESSING DATA — *SPACE ABOVE THIS LINE FOR RECORDING DATA*

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713.13, Florida Statutes, the following information is provided in this Notice of Commencement. This Notice shall be void and of no force and effect if construction is not commenced within ninety (90) days after recordation.

1. Description of property: (Legal description of property, and street address if available)

TBD SW EVA TERRACE, LAKE CITY, FLORIDA 32024
BEGIN AT THE SOUTWEST CORNER OF THE NORTHWEST ¼ OF THE NORTHWEST ¼ OF SECTION 28, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN NORTH 00°27'17" EAST ALONG THE WEST LINE OF SAID SECTION 28 A DISTANCE OF 323.05 FEET; THENCE NORTH 89°28'27" EAST A DISTANCE OF 674.47 FEET; THENCE SOUTH 00°04'03" WEST A DISTANCE OF 323.02 FEET TO A POINT ON THE SOUTH LINE OF THE NORTHWEST ¼ OF THE NORTHWEST ¼ OF SECTION 28; THENCE SOUTH 89°28'27" WEST ALONG SAID SOUTH LINE OF THE NORTHWEST ¼ OF THE NORTHWEST ¼ OF SECTION 28 A DISTANCE OF 676.65 FEET TO THE POINT OF BEGINNING.

SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS PURPOSES ACROSS THE WESTERLY 60 FEET THEREOF.

TOGETHER WITH AN EASEMENT FOR INGRESS AND EGRESS PURPOSES, BEING 60 FEET EAST OF AND ADJACENT TO THE FOLLOWING DESCRIBED LINE:
COMMENCE AT THE SOUTHWEST CORNER OF THE NORTHWEST ¼ OF THE NORTHWEST ¼ OF SECTION 28, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN NORTH 00°27'17" EAST ALONG THE WEST LINE OF SAID SECTION 28 A DISTANCE OF 323.05 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE NORTH 00°27'17" EAST ALONG SAID WEST LINE OF SECTION 28 A DISTANCE OF 931.74 FEET TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF COUNTY ROAD 242, SAID POINT ALSO BEING THE TERMINAL POINT OF HEREIN DESCRIBED LINE AND EASEMENT.

2. General description of improvement: **construction of single family dwelling**

3. Owner information:
   a. Name and address:
      GEORGE R. BAKER and KRISTY S. BAKER
      200 SW SOUNDLESS COURT, LAKE CITY, FLORIDA 32024
   b. Interest in property: **Fee Simple**
   c. Name and Address of Fee Simple Titleholder (if other than owner):

4. Contractor: (Name and Address)
   JONATHAN D. PERRY CONSTRUCTION

5. Surety (if any):
   a. Name and Address:
      Telephone Number: _____
   b. Amount of Bond $_____

6. Lender: (Name and Address)
   FIRST FEDERAL SAVINGS BANK OF FLORIDA
   4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056
   Telephone Number: **755-0600**

7. Persons within the State of Florida designated by Owner upon whom notice or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes: (Name and Address)
   N/A

8. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (Name and Address)
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HWY 90, P.O. BOX 2029, LAKE CITY, FL 32056
Telephone Number: **755-0600**

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

George R. Baker {SEAL}
GEORGE R. BAKER

Kristy S. Baker {SEAL}
KRISTY S. BAKER

Sworn to and subscribed before me this **30th** day of **September, 2005**, by **GEORGE R. BAKER and KRISTY S. BAKER**, who are personally known to me or who have produced _____ as identification.

Bonita Hadwin
Notary Public
My Commission Expires: _____

Bonita Hadwin
MY COMMISSION # DD230004 EXPIRES
August 10, 2007
BONDED THRU TROY FAIN INSURANCE, INC.

Inst:2005024632 Date:10/04/2005 Time:15:59
DC,P.DeWitt Cason,Columbia County B:1060 P:1949

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0510-11 Date Received 10-4-05 By LH Permit # 859/ 23751

Application Approved by - Zoning Official BLK Date 10.10.05 Plans Examiner OK JTH Date 10-13-05

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments NOC needed

Applicants Name Jonathan D. Perry Const. Phone (386) 719-7192

Address 373 NW old Mill Dr.

Owners Name George R. Baker Phone (386) 754-1846

911 Address 331 SE Eva Terrace Lake City fl 32025

Contractors Name Jonathan D. Perry Phone (386) 623-2608

Address 373 NW old Mill Dr.

Fee Simple Owner Name & Address George R. Baker

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Mark Disosway

Mortgage Lenders Name & Address First Federal

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec. - Progressive Energy

Property ID Number 28-4S-16-03234-002 Estimated Cost of Construction

Subdivision Name N/A Lot ___ Block ___ Unit ___ Phase ___

Driving Directions South on 247 to 242 turn Left about 1/2 Mile turn Right on Eva Terrace Jonathan Perry Const. Sign on Left.

Type of Construction Single Family Dwelling Number of Existing Dwellings on Property 0

Total Acreage 5.01 Lot Size 5.01 Do you need a - Culvert Permit or (Culvert Waiver) or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 130' Side 100 Side 260' Rear 500'

Total Building Height 20' Number of Stories 1 Heated Floor Area 1934 Roof Pitch 6/12

Porches 393 GARAGE 546 TOTAL 2873

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 COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC058042

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 04 day of October 20

LAURIE HODSON
MY COMMISSION # DD 333508
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Personally known ✓ or Produced Identification ___

Notary Signature

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

2005 Proposed Values

Parcel: 28-4S-16-03234-002 Tax Record Property Card Interactive GIS Map Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	BAKER GEORGE R & KRISTY S
Site Address	
Mailing Address	200 SW SOUNDLESS LAKE CITY, FL 32024
Brief Legal	BEG SW COR OF NW1/4 OF NW1/4, RUN E 676.64 FT, N 647.18 FT, W 164.49 FT, N 180 FT, W

Use Desc. (code)	NO AG ACRE (009900)
Neighborhood	28416.00
Tax District	3
UD Codes	MKTA01
Market Area	01
Total Land Area	11.070 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	$53,136.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$53,136.00

Just Value	$53,136.00
Class Value	$0.00
Assessed Value	$53,136.00
Exempt Value	$0.00
Total Taxable Value	$53,136.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
1/21/2005	1036/522	WD	V	Q		$97,500.00
7/26/2001	932/2572	WD	V	Q		$75,000.00

Building Characteristics

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

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
009900	AC NON-AG (MKT)	11.070 AC	1.00/1.00/1.00/1.00	$4,800.00	$53,136.00

Columbia County Property Appraiser

DB Last Updated: 9/16/2005

1 of 1

Disclaimer

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a **work in progress** and should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's Office. The assessed values are **NOT CERTIFIED** values and therefore are subject to change before finalized for ad-valorem assessment purposes.

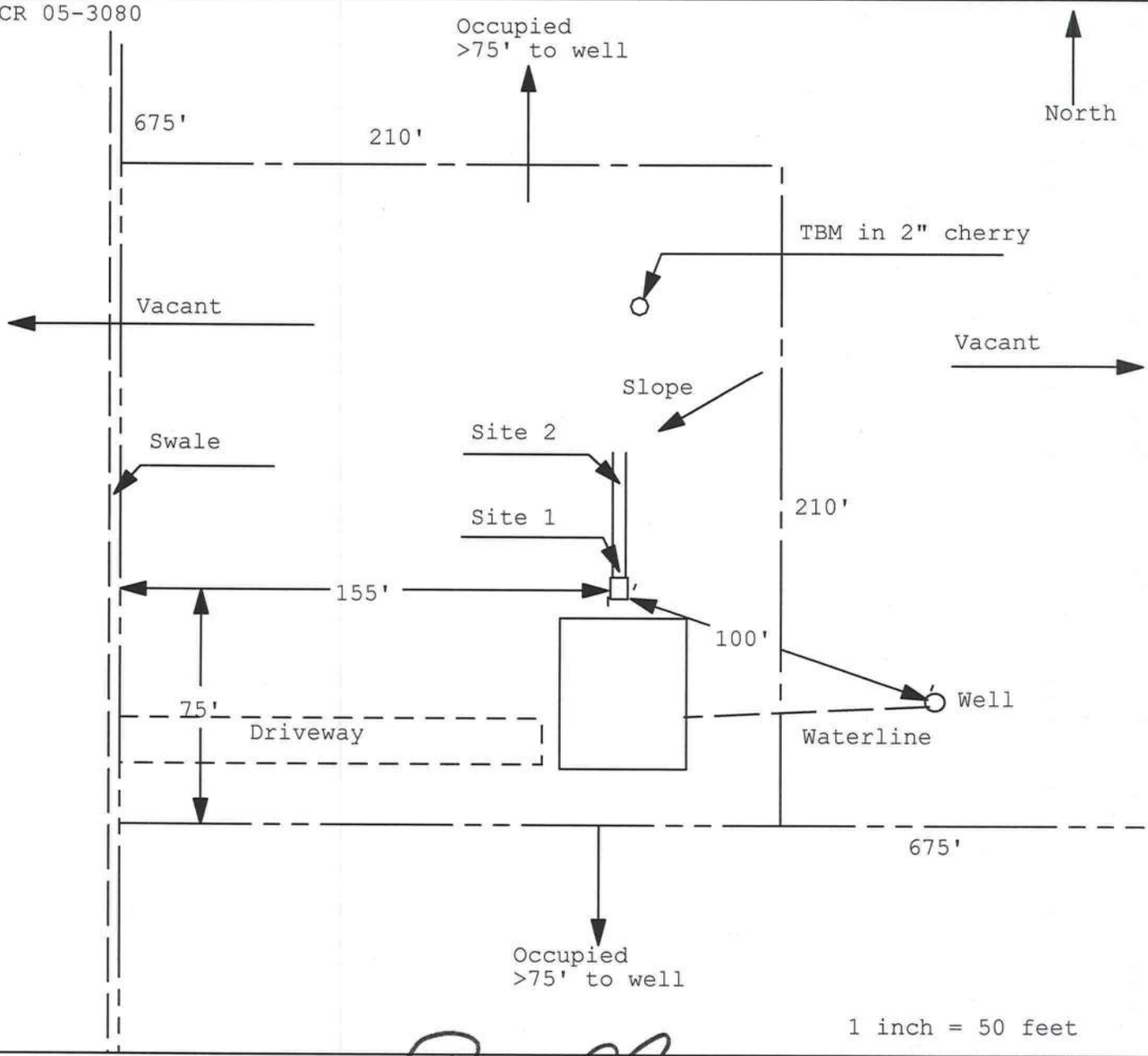
Scroll to Top

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

Permit Application Number: 05-0989N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BAKER/CR 05-3080



Site Plan Submitted By Paul Lloyd **Date** 9/12/05

Plan Approved ✓ **Not Approved** ____ **Date** 9/29/05

By Mr Dan Columbia **CPHU**

Notes: _____

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Baker residence**	Builder:	**J. Perry**
Address:	**County Rd 242**	Permitting Office:	**Columbia Co**
City, State:	**Lake City, FL 32055-**	Permit Number:	
Owner:	**J. Perry**	Jurisdiction Number:	**221000**
Climate Zone:	**North**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		3	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		1934 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	249.0 ft²	
b. Default tint	0.0 ft²	0.0 ft²	
c. Labeled U or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=0.0, 228.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=11.0, 1491.0 ft²	
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic		R=30.0, 1934.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 50.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 35.0 kBtu/hr	
	SEER: 10.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 35.0 kBtu/hr	
	HSPF: 7.90	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 30.0 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)	PT, CF,	

Glass/Floor Area: 0.13

Total as-built points: 27053
Total base points: 28659

PASS

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

PREPARED BY: Tim Delbene

DATE: 9/8/05

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.

GREAT SEAL OF THE STATE OF FLORIDA
IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

EnergyGauge® (Version: FLRCPB v3.30)

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **County Rd 242, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	1934.0	20.04	6976.3	Double, Clear	E	2.0	7.0	45.0	42.06	0.89	1676.9	
				Double, Clear	E	2.0	8.0	72.0	42.06	0.91	2764.3	
				Double, Clear	E	2.0	7.0	36.0	42.06	0.89	1341.5	
				Double, Clear	S	2.0	6.0	12.0	35.87	0.78	334.0	
				Double, Clear	W	2.0	7.0	36.0	38.52	0.89	1229.8	
				Double, Clear	W	8.0	7.0	36.0	38.52	0.50	688.1	
				Double, Clear	N	2.0	5.0	12.0	19.20	0.87	200.7	
				As-Built Total:				**249.0**			**8235.2**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			11.0	1491.0	1.70		2534.7	
Exterior	1491.0	1.70	2534.7									
Base Total:	**1491.0**		**2534.7**	**As-Built Total:**				**1491.0**			**2534.7**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	21.0	2.40	50.4	Exterior Insulated				21.0	4.10		86.1	
Exterior	63.0	6.10	384.3	Exterior Insulated				21.0	4.10		86.1	
				Exterior Insulated				21.0	4.10		86.1	
				Adjacent Insulated				21.0	1.60		33.6	
Base Total:	**84.0**		**434.7**	**As-Built Total:**				**84.0**			**291.9**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1934.0	1.73	3345.8	Under Attic			30.0	1934.0	1.73 X 1.00		3345.8	
Base Total:	**1934.0**		**3345.8**	**As-Built Total:**				**1934.0**			**3345.8**	
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:			**-8436.0**	**As-Built Total:**				**228.0**			**-9393.6**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1934.0	10.21	19746.1					1934.0	10.21		19746.1	

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **County Rd 242, Lake City, FL, 32055-** PERMIT #:

BASE			AS-BUILT						
Summer Base Points:		**24601.7**	**Summer As-Built Points:**						**24760.2**
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
24601.7	**0.4266**	**10495.1**	24760.2 **24760.2**	1.000 **1.00**	(1.090 x 1.147 x 1.00) **1.250**	0.341 **0.341**	0.902 **0.902**	9535.1 **9535.1**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **County Rd 242, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	1934.0	12.74	4435.0	Double, Clear	E	2.0	7.0	45.0	18.79	1.05	884.1	
				Double, Clear	E	2.0	8.0	72.0	18.79	1.04	1401.1	
				Double, Clear	E	2.0	7.0	36.0	18.79	1.05	707.3	
				Double, Clear	S	2.0	6.0	12.0	13.30	1.26	200.8	
				Double, Clear	W	2.0	7.0	36.0	20.73	1.03	769.5	
				Double, Clear	W	8.0	7.0	36.0	20.73	1.18	882.3	
				Double, Clear	N	2.0	5.0	12.0	24.58	1.01	296.9	
				As-Built Total:				**249.0**			**5142.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			11.0	1491.0	3.70		5516.7	
Exterior	1491.0	3.70	5516.7									
Base Total:	**1491.0**		**5516.7**	**As-Built Total:**				**1491.0**			**5516.7**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	21.0	11.50	241.5	Exterior Insulated				21.0	8.40		176.4	
Exterior	63.0	12.30	774.9	Exterior Insulated				21.0	8.40		176.4	
				Exterior Insulated				21.0	8.40		176.4	
				Adjacent Insulated				21.0	8.00		168.0	
Base Total:	**84.0**		**1016.4**	**As-Built Total:**				**84.0**			**697.2**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	1934.0	2.05	3964.7	Under Attic			30.0	1934.0	2.05 X	1.00	3964.7	
Base Total:	**1934.0**		**3964.7**	**As-Built Total:**				**1934.0**			**3964.7**	
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:			**2029.2**	**As-Built Total:**				**228.0**			**4286.4**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	1934.0	-0.59	-1141.1					1934.0	-0.59		-1141.1	

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **County Rd 242, Lake City, FL, 32055-** PERMIT #:

BASE			AS-BUILT						
Winter Base Points:		**15821.0**	**Winter As-Built Points:**						**18465.9**
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	
15821.0	**0.6274**	**9926.1**	18465.9 **18465.9**	1.000 **1.00**	(1.069 x 1.169 x 1.00) **1.250**	0.432 **0.432**	0.950 **0.950**	9462.7 **9462.7**	

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **County Rd 242, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X	Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2746.00	8238.0	30.0	0.90	3		1.00	2684.98	1.00	8054.9
				As-Built Total:							**8054.9**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
10495	**9926**	**8238**	**28659**	**9535**	**9463**	**8055**	**27053**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **County Rd 242, Lake City, FL, 32055-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

RON E. BIAS WELL DRILLING

Route 2, Box 5340
Ft. White, Florida 32038
(904) 497-1045
Mobile: 364-9233

No. _____

Date _____

Name _____

Address _____

_____

Phone _____

Dia.

DESCRIPTION

4" deep well down to 100 ft.
Constant Pressure System.
- 1 - Hp. Sub. pump. 80# Hydro tank
325 Liters - 35 gallon draw down
1¼ drop system check valve.
4 back Flow Preventers.
20 gallon Pur. System.
(SRWMD Permitted)

Total _____

Deposit _____

Balance _____

Thanks.

Date Wanted _____

Authorized By Ron E Bias

Received By _____

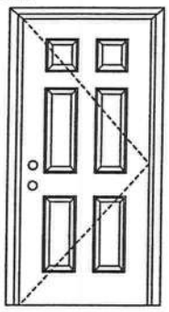

0510-11
BIRLEY
20
21
22
ZONE A
ZONE A
242
29
28
27
ZONE A
ZONE A
32
33
34
ZONE A
ZONE X
A
5
4
3
ZONE A
ZONE A

X
Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Warnock Hersey

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

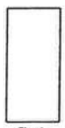
MINIMUM ASSEMBLY DETAIL:

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

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


15-panel


5-panel


5-panel with scroll


Eyebrow 5-panel


Eyebrow 5-panel with scroll

Johnson™ EntrySystems

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

PREMDOR Collection Premium Quality Doors

Exclusively from Masonite®
Masonite International Corporation

X
Opaque Inswing Unit

COP-WL-JH4101-02

WOOD-EDGE STEEL DOORS

CERTIFIED TEST REPORTS:

NCTL 210-2185-1, 2, 3

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

Unit Tested in Accordance with Miami-Dade BCCO 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 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 Balthy

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

Warnock Hersey

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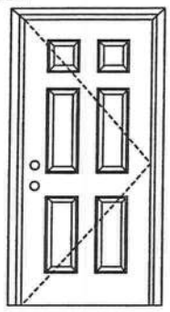

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Flush


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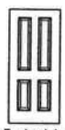
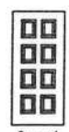
3-panel


6-panel


New England 4-panel


Eyebrow 4-panel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9-panel


15-panel


5-panel


5-panel with scroll


Eyebrow 5-panel


Eyebrow 5-panel with scroll

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

Warnock Hersey

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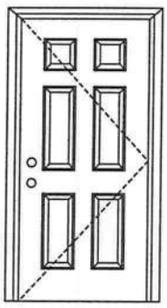

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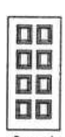
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Eyebrow 5-panel


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1. PROJECT DATA

Project:	AAMA 450-00 Performance Test Series 3180 Fixed / 3950 Twin Single Hung
Dates of Testing:	October 23, 2003
Tested For:	Action Windoor Technologies 1312 Crosby Rd Carrollton, TX 75006

Witnessed By: (All or Partial Viewing)

Tony Rodriquez	Action Windoor Technologies
Jay Halsey	Action Windoor Technologies
Wesley A. Wilson	Construction Consulting Laboratory, *International*

2. INTRODUCTION

This report presents the performance results of Action Windoor Technologies Series 3180 PVC Fixed over Series 3950 PVC Twin Single Hung. Tests were conducted at Construction Consulting Laboratory, *International*, (**CCLI**) testing facility in Carrollton, TX.

3. SCOPE

CCLI was requested to report the testing results for an Action Windoor Technologies Series 3180 / 3950. Tests were conducted in accordance with AAMA 450-00 and ASTM E 330-02.

4. SUMMARY

Action Windoor Technologies Series 3180 / 3950 was tested in accordance AAMA 450-00 and ASTM E 330-02 and achieved a Design 50 rating.

5. TEST SPECIMEN

PRODUCT TYPE:	PVC Fixed over PVC Twin Single Hung, **Photograph, Appendix B, and Product Drawings, Appendix A**
SERIES/MODEL:	Action Series 3180 fixed and Series 3950 Hung
SPECIFICATION:	AAMA 405-00
OVERALL SIZE:	5'-11 ¾" X 8'-11 $^{15}/_{16}$"
FIXED SIZE:	5'-11 ¾" X 3'-0"
HUNG SIZE:	2'-11 $^{5}/_{8}$" x 5'-11 ½"
SASH SIZE:	2'-9 ¼" x 2'-5 $^{3}/_{16}$"
FRAME DIMENSION:	2.795"
CONFIGURATION:	

Refer to Mock-Up drawing in **Appendix A.** This report is not complete unless this drawing is stamped and initialed by **CCLI** as illustrated below.

CONSTRUCTION CONSULTING
LABORATORY, INTERNATIONAL
1601 Loma Road
Carrollton Texas 75006
Phone (972) 242-0556
03-201 GW 11-21-03

Weather-strip: One row pile weather-strip with integral plastic fin (0.300" thickness) at the exterior face sash top rail. One row pile weather-strip with integral plastic fin (0.250" thickness) at the exterior and lateral face sash stiles. One row bulb vinyl with foam walls (0.500") diameter at the exterior leg beneath sash bottom rail.

Hardware: Cam action locks, one (1), 7" on center from each end of sash top rail, attached with two (2), #8 x 1" self tapping screws with keeper grove at fixed interlock rail. One tilt latch and one steel pivot bar at top and bottom of sash stiles. One spiral type balance per jamb for sash operation.

Glass Fixed Lites: 5/8" overall thickness sealed insulating glass, two pieces DSB with 3/8" swiggle strip air spacer.

Sash Glass: 5/8" overall thickness sealed insulating glass, two pieces SSB with 7/16" swiggle strip metal air spacer.

Glazing: Exterior glazed with silicone sealant at interior of glass and rigid vinyl snap-in glazing bead at exterior of glass.

Fixed Window Weep Arrangement: ½" x ¼" weep slot spaced 5 ¾" from each end in the glazing pocket at frame sill with a 1" x 1/8" weep slot at the exterior of frame sill spaced 3 ¼" from each end.

Hung Weep Arrangement: 3/16" x 1/8" weep slot spaced 2 ¼" from each end in the glazing pocket punched through fixed interlock. 3/16" x 1/8" weep slot punched through sash bottom rail spaced 2 ½" from each end. Screen retaining legs and frame sill center leg notched ½" at each end

Reinforcement: T-shaped extruded aluminum reinforcement at sash members and L-shaped at fixed interlock. T-shaped extruded aluminum at vertical and horizontal mullion.

Installation: Test buck was constructed from nominal 2" x 6" and 2" x 4" at the perimeter with ½" OSB or strand board at the infil. Window opening is cut into the OSB and then framed with nominal 2" x 4" SPF. Window nail fin is attached through OSB into 2" x 4" with # 8 x 1 ½" wood screws spaced 2-3" from each end and on approximately 12" centers.

Other Features: Frame and sash corners are mitered and welded. Fixed interlock reinforcement attached to frame jambs with one (1) #8 x 2" wafer head screw and one (1) $^{7}/_{8}$" dia flat washer per end.

Mullion Features: Mullion brackets (steel plate 2 ¼" x 3 ¼" x 0.050"t) are attached to each end of horizontal mullion and bottom of vertical mullion with two (2) # 8 x 1" wafer or pan head screws into mullion screw spline, **Photograph 2, Appendix B.** Mullion brackets are then attached into test buck with two (2) #8 x 1 ½" wood screws. Frame members are attached to extruded aluminum mullion with #8 x 1" screws spaced approximately 2-3" from each end and on 12" centers. Rigid vinyl mull cover is applied to the extruded aluminum mulls at interior and exterior face of mullion.

Date Tests Started:	October 23, 2003
Date Tests Completed:	October 23, 2003
Testing Performed at:	Construction Consulting Laboratory, *International* in Carrollton, Texas

6. PERFORMANCE RESULTS

Title Of Test	Test Method	Measured	Allowed
Uniform Deflection @ Horizontal Mullion	ASTM E 330-02 (10 Second Duration)		
-Positive @ 50 PSF		.550"	.408"
-Permanent Set		.040"	.286"
-Negative @ 50 PSF		.595"	.408"
-Permanent Set		.080"	.286"
Uniform Deflection @ Vertical Mullion	ASTM E 330-02 (10 Second Duration)		
-Positive @ 50 PSF		.830"	.408"
-Permanent Set		.000"	.286"
-Negative @ 50 PSF		.890"	.408"
-Permanent Set		.050"	.286"

Uniform Structural	ASTM E 330-02 (10 Second Duration)	
-Positive	75.00 PSF	75.00 PSF
-Negative	75.00 PSF	75.00 PSF
-Permanent Set (Horizontal)	.110	0.286"
-Permanent Set (Vertical)	.065	0.336"

Detailed extrusion and assembly drawings indicating measured wall thickness and corner construction are on file and were compared to the test sample submitted. These records will be retained at **CCLI** for a period of four years.

7. CONCLUSION

The tests noted in Section 6 of this report were conducted in accordance with the structural requirements of AAMA 450-00 using ASTM E 330-02.

Respectfully submitted,
CONSTRUCTION CONSULTING LABORATORY, *INTERNATIONAL*

JUVENAL AZUA
TECHNICIAN

WESLEY A. WILSON
LABORATORY MANAGER

** LAMAR BOOZER **
900 EAST PUTNAM STREET
LAKE CITY, FL 32055

PROJECT:
CLIENT: J PERRY
DATE: 09 19 05

RESIDENTIAL/LIGHT COMMERCIAL HVAC LOADS

DESIGNER: LAMAR BOOZER

CLIENT INFORMATION:

NAME: J PERRY
ADDRESS:
CITY, STATE: LAKE CITY, FLORIDA

TOTAL BUILDING LOADS:

BLDG. LOAD DESCRIPTIONS	AREA QUAN	SEN. LOSS	LAT. + GAIN	SEN. = GAIN	TOTAL GAIN
3-C WINDOW DBL PANE CLR GLS METL FR	236	7,698	0	13,810	13,810
9-I FRENCH DOOR DBL CLR GLS METL FR	80	2,714	0	4,496	4,496
12-D WALL R-11 +1/2"ASPHLT BRD(R-1.3)	1,979	7,124	0	4,212	4,212
11-C DOOR METAL POLYSTYRENE CORE	77	1,629	0	963	963
16-G CEILING R-30 INSULATION	2,204	3,273	0	3,418	3,418
22-A SLAB ON GRADE NO EDGE INSUL	246	8,966	0	0	0
SUBTOTALS FOR STRUCTURE:	4,822	31,404	0	26,899	26,899
PEOPLE	19	0	0	5,700	5,700
APPLIANCES	0	0	600	2,500	3,100
DUCTWORK	0	1,570	0	3,510	3,510
INFILTRATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
VENTILATION W.CFM: 0.0 S.CFM: 0.0	0	0	0	0	0
SENSIBLE GAIN TOTAL				38,609	
TEMP. SWING MULTIPLIER				X 1.00	
BUILDING LOAD TOTALS		32,974	600	38,609	39,209

SUPPLY CFM AT 20 DEG DT: 1,755
SQUARE FT. OF ROOM AREA: 2,204

CFM PER SQUARE FOOT: 0.796
SQUARE FOOT PER TON: 674.539

TOTAL HEATING REQUIRED WITH OUTSIDE AIR: 32.974 MBH
TOTAL COOLING REQUIRED WITH OUTSIDE AIR: 3.267 TONS

CALCULATIONS ARE BASED ON 7TH EDITION OF ACCA MANUAL J.
ALL COMPUTED RESULTS ARE ESTIMATES AS BUILDING USE AND WEATHER MAY VARY.
BE SURE TO SELECT A UNIT THAT MEETS BOTH SENSIBLE AND LATENT LOADS.

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS; Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☑	☑	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☑	**Wind-load Engineering Summary, calculations and any details required** a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
☑	☑	**Elevations including:**
☑	☑	a) All sides
☑	☑	b) Roof pitch
☐	☐	c) Overhang dimensions and detail with attic ventilation
☐	☑	d) Location, size and height above roof of chimneys
☐	☑	e) Location and size of skylights
☑	☑	f) Building height
☑	☑	e) Number of stories

Floor Plan Including:

- a) Rooms labeled and dimensioned
- b) Shear walls
- c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- f) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan Including:

- a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling
- d) Location of any vertical steel

Roof System:

- a) Truss package including:
  1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
  2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- b) Conventional Framing Layout including:
  1. Rafter size, species and spacing
  2. Attachment to wall and uplift
  3. Ridge beam sized and valley framing and support details
  4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections Including:

- a) Masonry wall
  1. All materials making up wall
  2. Block size and mortar type with size and spacing of reinforcement
  3. Lintel, tie-beam sizes and reinforcement
  4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
  6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  7. Fire resistant construction (if required)
  8. Fireproofing requirements
  9. Shoe type of termite treatment (termicide or alternative method)
  10. Slab on grade
      a. Vapor retardant (6mil. Polyethylene with joints lapped 6 inches and sealed)
      b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  11. Indicate where pressure treated wood will be placed
  12. Provide insulation R value for the following:
      a. Attic space
      b. Exterior wall cavity
      c. Crawl space (if applicable)

☑ ☑ **b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
    a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☐ ☑ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

HVAC information

☑ ☑ a) Manual J sizing equipment or equivalent computation

☑ ☑ b) Exhaust fans in bathroom

☑ ☑ **Energy Calculations** (dimensions shall match plans)

☐ ☐ **Gas System** Type (LP or Natural) Location and BTU demand of equipment

☐ ☐ **Disclosure Statement for Owner Builders**

☑ ☑ ***Notice Of Commencement Required Before Any Inspections Will Be Done**

☑ ☑ **Private Potable Water**

a) Size of pump motor

b) Size of pressure tank

c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued.
   (386) 758-1058 **(Toilet facilities shall be provided for construction workers)**

4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
   A development permit will also be required. Development permit cost is **$50.00**

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (**$25.00**) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (**$50.00**). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

NOTICE:

ADDRESSES BY APPOINTMENT ONLY!

TO OBTAIN A 9-1-1 ADDRESS THE REQUESTER MUST CONTACT THE COLUMBIA COUNTY 9-1-1 ADDRESSING DEPARTMENT AT (386) 752-8787 FOR AN APPOINTMENT TIME AND DATE:

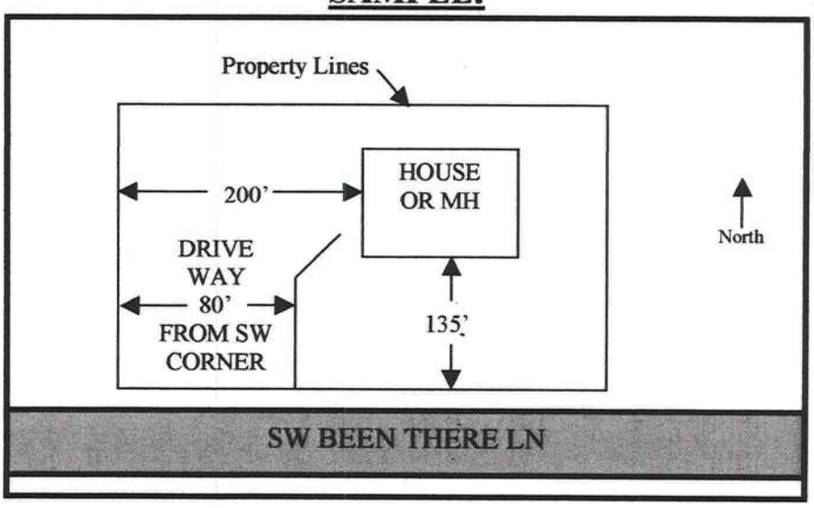
YOU CAN NOT OBTAIN A NEW ADDRESS OVER THE TELEPHONE. MUST MAKE AN APPOINTMENT!

THE ADDRESSING DEPARTMENT IS LOCATED AT 263 NW LAKE CITY AVENUE (OFF OF WEST U.S. HIGHWAY 90 WEST OF INTERSTATE 75 AT THE COLUMBIA COUNTY EMERGENCY OPERATIONS CENTER).

THE REQUESTER WILL NEED THE FOLLOWING:

1. THE PARCEL OR TAX ID NUMBER (SAMPLE: "25-4S-17-12345-123" OR "R12345-123) FOR THE PROPERTY.
2. A PLAT, PLAN, SITE PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
   a. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
   b. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).
   c. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



NOTE: 5 TO 7 WORKING DAYS MAY BE REQUIRED IF ADDRESSING DEPARTMENT NEEDS TO CONDUCT AN ON SITE SURVEY.

Alpine Engineered Products, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1SQG487-Z0313154746

Truss Fabricator:	Anderson Truss Company
Job Identification:	5-389-JONATHON PERRY / BAKER
Truss Count:	41
Model Code:	Florida Building Code 2001
Truss Criteria:	ANSI/TPI-1995(STD)/FBC
Engineering Software:	Alpine Software,Version 7.04.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-98 -Closed

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1-1995 Section 2.2
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

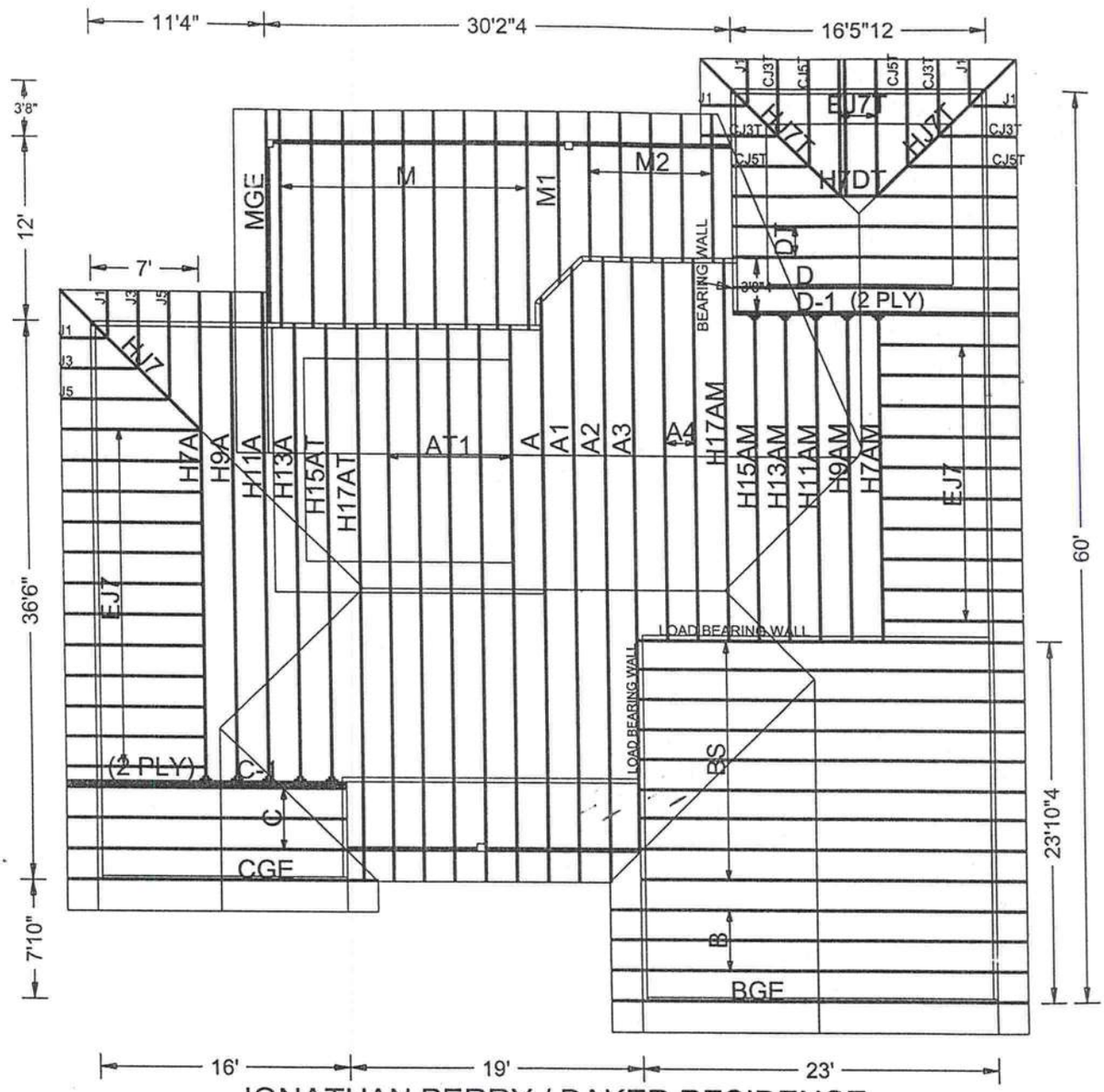
Details: BRCLBSUB

Seal Date: 09/13/2005

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

#	Ref Description	Drawing#	Date
1	14793--H7AM	05256060	09/13/05
2	14794--H9AM	05256040	09/13/05
3	14795--H11AM	05256030	09/13/05
4	14796--H13AM	05256029	09/13/05
5	14797--H15AM	05256026	09/13/05
6	14798--H17AM	05256045	09/13/05
7	14799--H7A	05256017	09/13/05
8	14800--H9A	05256016	09/13/05
9	14801--H11A	05256042	09/13/05
10	14802--H13A	05256010	09/13/05
11	14803--H15AT	05256061	09/13/05
12	14804--H17AT	05256025	09/13/05
13	14805--AT1	05256027	09/13/05
14	14806--A	05256032	09/13/05
15	14807--A1	05256033	09/13/05
16	14808--A2	05256034	09/13/05
17	14809--A3	05256031	09/13/05
18	14810--A4	05256041	09/13/05
19	14811--BGE	05256009	09/13/05
20	14812--B	05256028	09/13/05
21	14813--BS	05256043	09/13/05
22	14814--CGE	05256020	09/13/05
23	14815--C	05256038	09/13/05
24	14816--C-1	05256044	09/13/05
25	14817--H7DT	05256018	09/13/05
26	14818--DT	05256045	09/13/05
27	14819--D	05256013	09/13/05
28	14820--D-1	05256062	09/13/05
29	14821--HJ7T	05256012	09/13/05
30	14822--EJ7T	05256024	09/13/05
31	14823--CJ5T	05256022	09/13/05
32	14824--CJ3T	05256014	09/13/05
33	14825--HJ7	05256035	09/13/05
34	14826--EJ7	05256039	09/13/05
35	14827--J5	05256036	09/13/05
36	14828--J3	05256037	09/13/05

#	Ref Description	Drawing#	Date
37	14829--J1	05256015	09/13/05
38	14830--MGE	05256011	09/13/05
39	14831--M	05256019	09/13/05
40	14832--M1	05256021	09/13/05
41	14833--M2	05256023	09/13/05



JONATHAN PERRY / BAKER RESIDENCE

Roof Plane Sheathing Area = 3723 sq. ft
Gable Sheathing Area = 130 sq. ft
Total Sheathing Area = 3853 sq. ft
Fascia Material = 218 linear ft
Valley Flashing Material = 81 linear ft
Ridge Cap Material = 153 linear ft
Hip Ridge Material = 119 linear ft

Scale: 3/32" = 1'

(5-389-JONATHON PERRY / BAKER - H7AM)

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

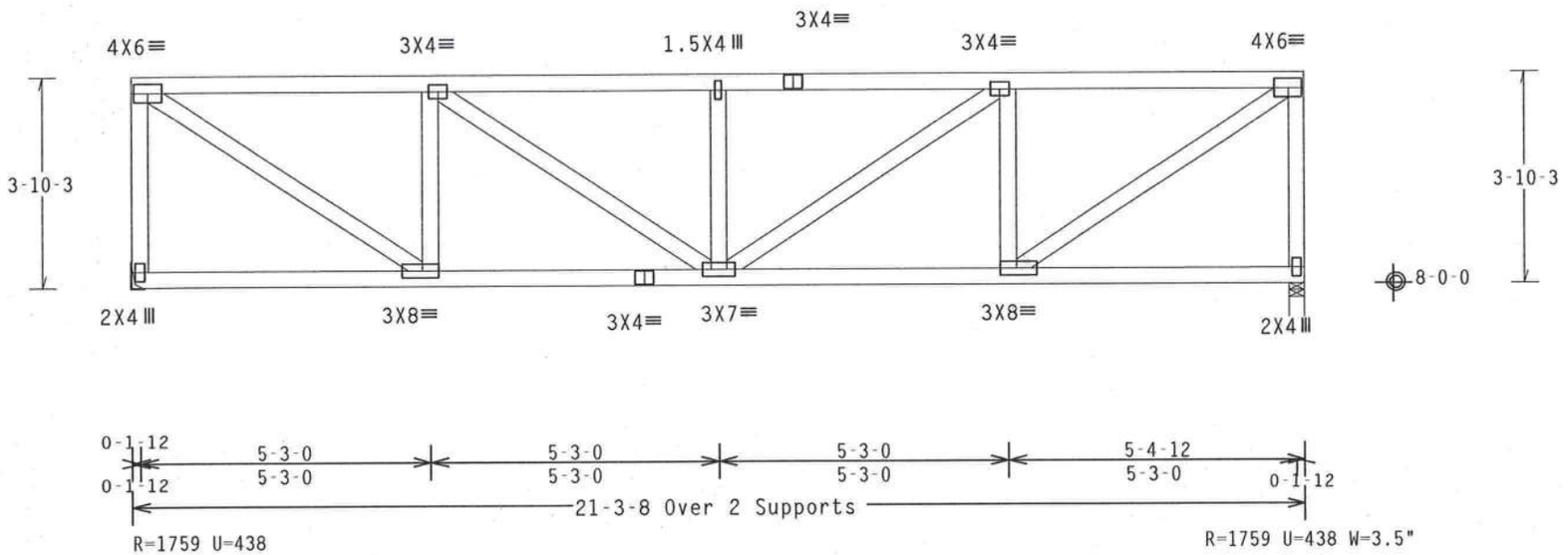
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 122 PLF at 0.00 to 122 PLF at 21.29
BC - From 44 PLF at 0.00 to 44 PLF at 21.29

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.

End verticals not exposed to wind pressure.

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

Truss must be installed as shown with top chord up.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.3125"/Ft.

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 BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO 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 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 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 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.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14793
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256060
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	10417
DUR.FAC.	1.25		
SPACING	24" OC	JREF-	1SQG487_Z03

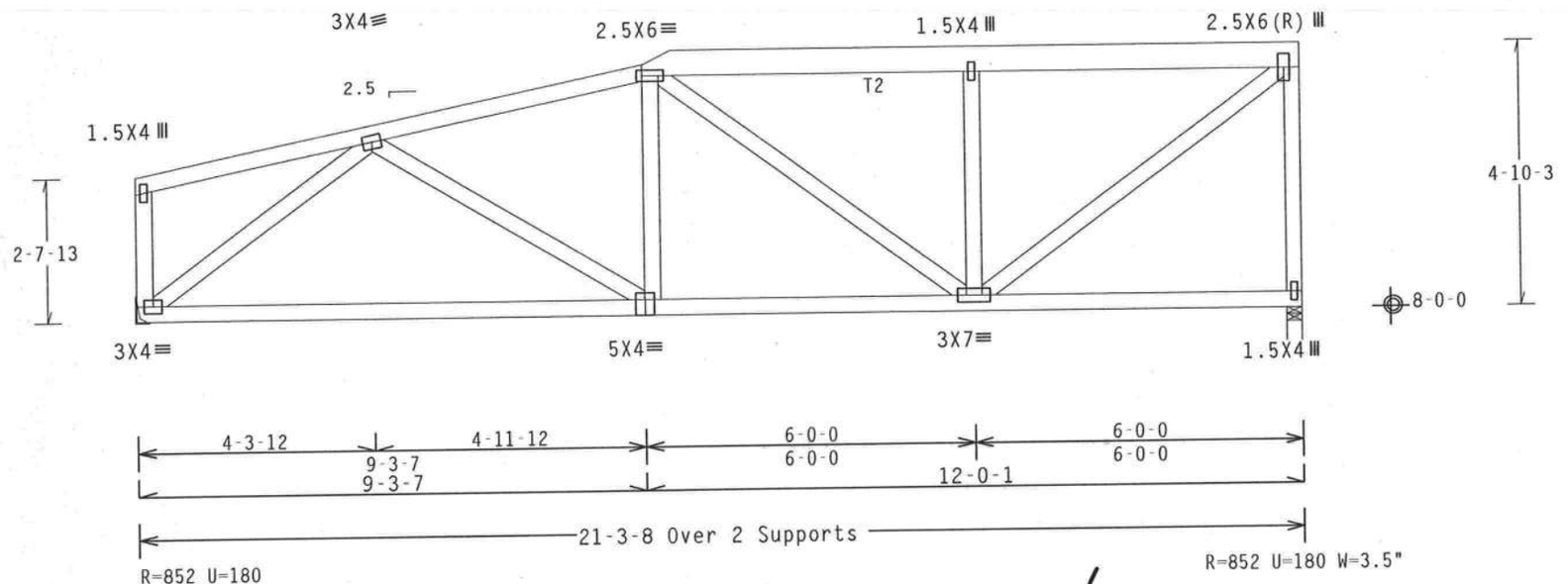
(5-389-JONATHON PERRY / BAKER - H9AM)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

110 mph wind, 11.75 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI

Design Crit: TPI-1995(STD)/FBC

7.04.0805

QTY:1 FL/-/4/-/-/R/-

Scale =.3125"/Ft.

ALPINE
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1950 Marley Drive
Haines City, FL 33844

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '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-- 14794
DATE 09/13/05
DRW HCUSR487 05256040
HC-ENG DF/AF
SEQN- 31566
JREF- 1SQG487_Z03

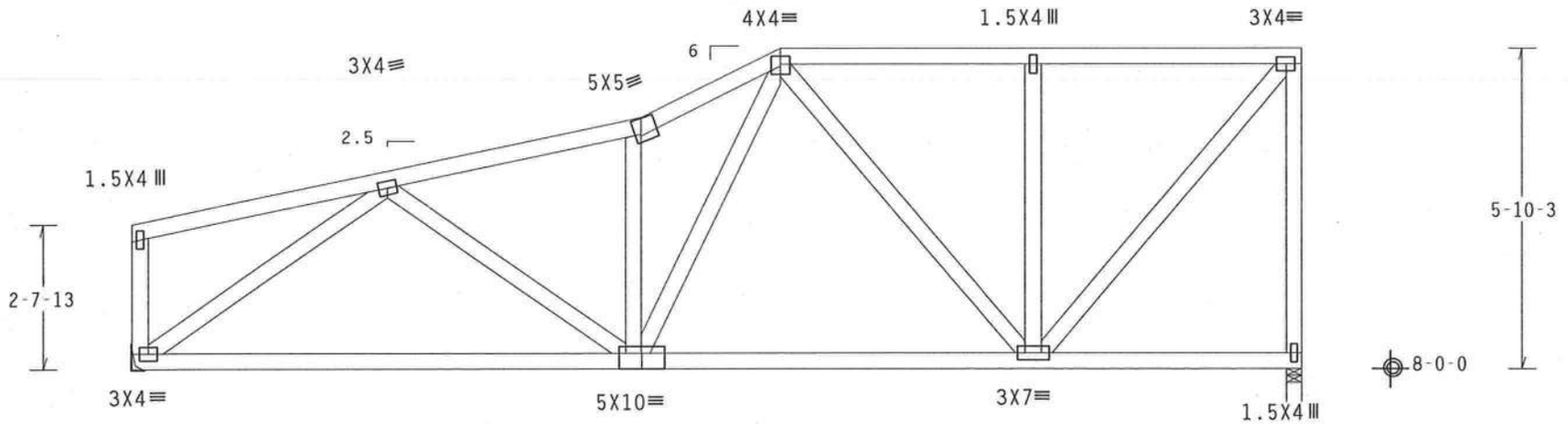
(5-389-JONATHON PERRY / BAKER - H11AM)

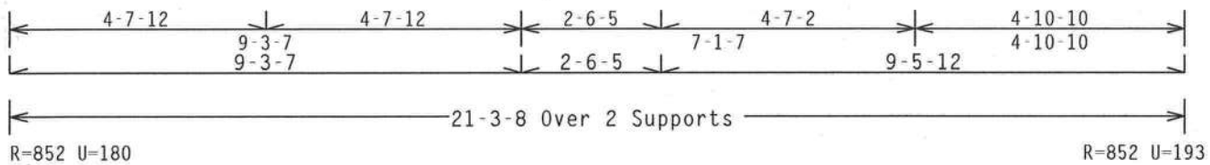
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

End verticals not exposed to wind pressure.

110 mph wind, 12.25 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.





R=852 U=180

R=852 U=193 W=3.5"

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.1 | QTY:1 | FL/-/4/-/-/R/- | Scale =.3125"/Ft.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14795
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256030
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	31577
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

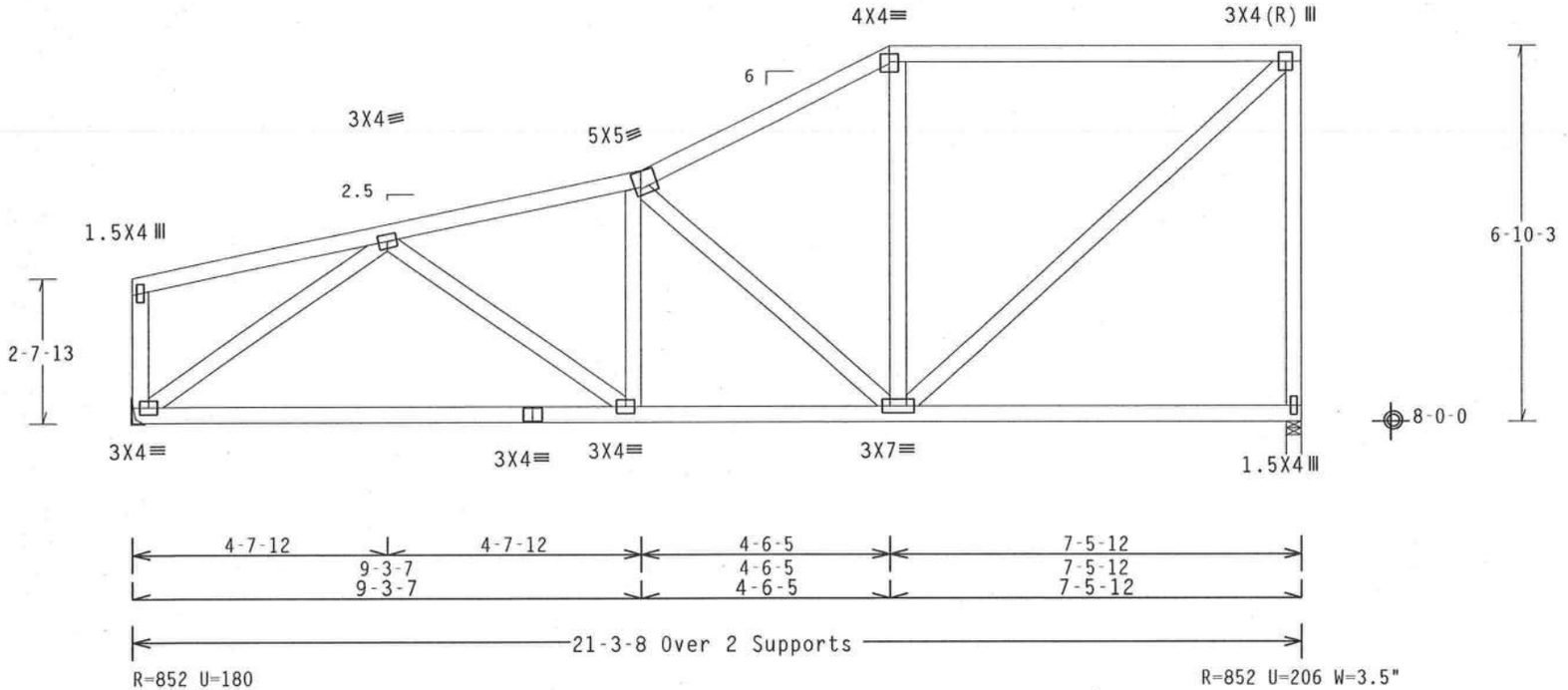
(5-389-JONATHON PERRY / BAKER - H13AM)

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

End verticals not exposed to wind pressure.

110 mph wind, 12.75 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.3125"/Ft.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14796
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256029
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	31585
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

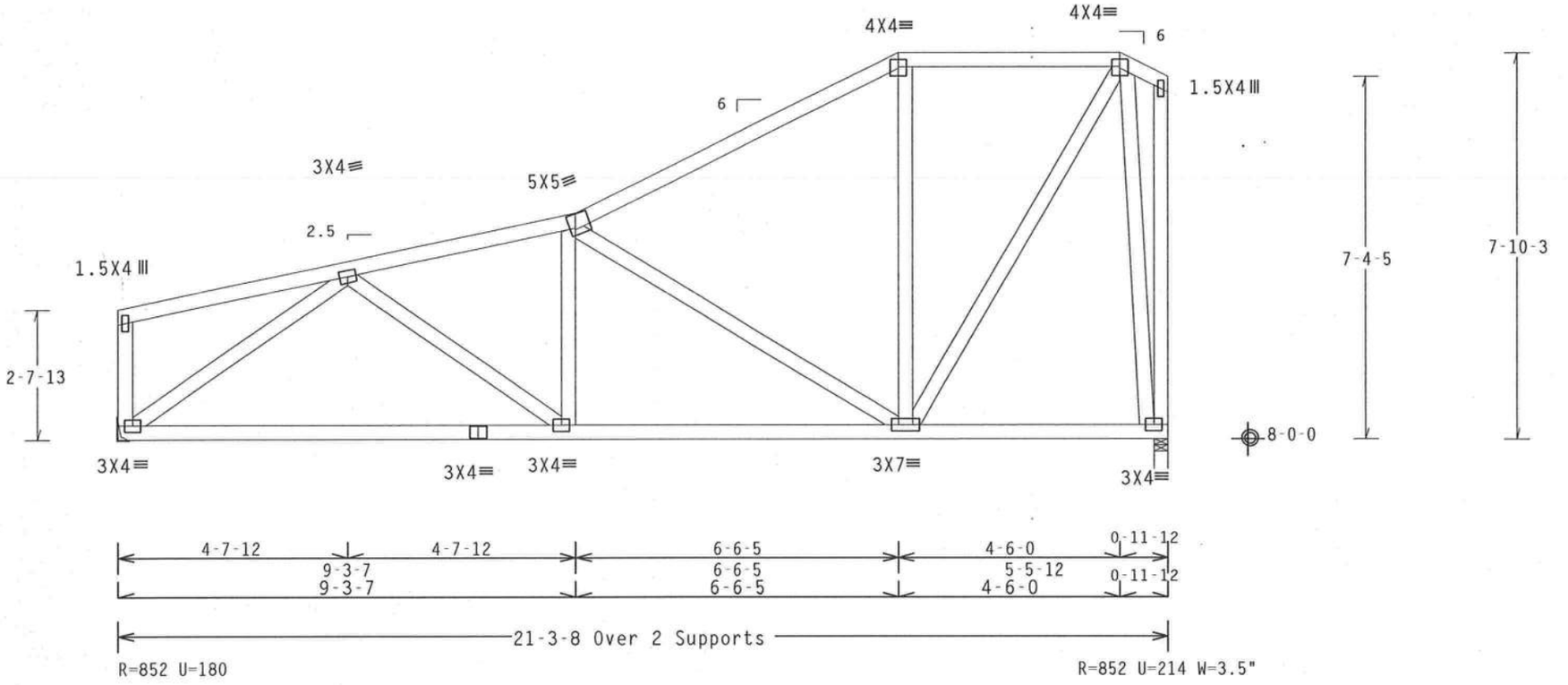
(5-389-JONATHON PERRY / BAKER - H15AM)

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

End verticals not exposed to wind pressure.

110 mph wind, 13.25 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.3125"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14797
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256026
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	31594
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

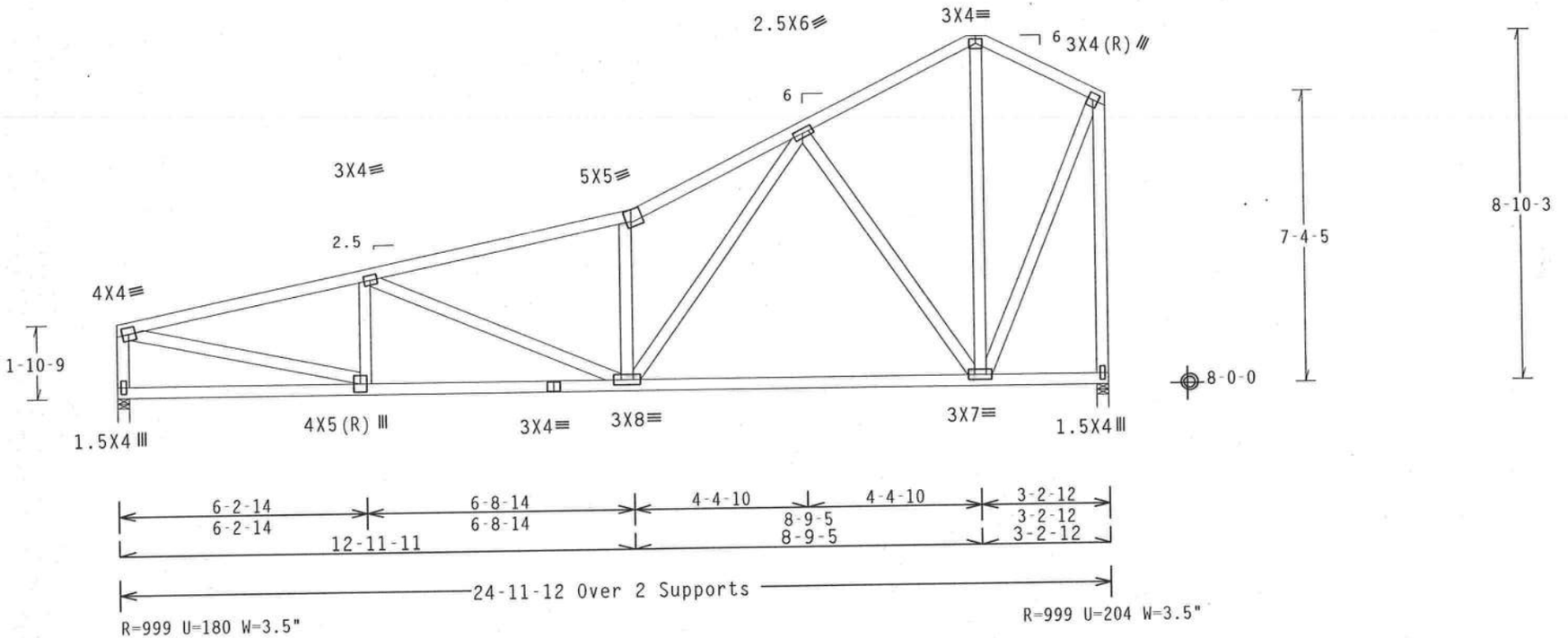
(5-389-JONATHON PERRY / BAKER - H17AM)

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, 13.36 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59087 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14798
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256045
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	31606
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - H7A)

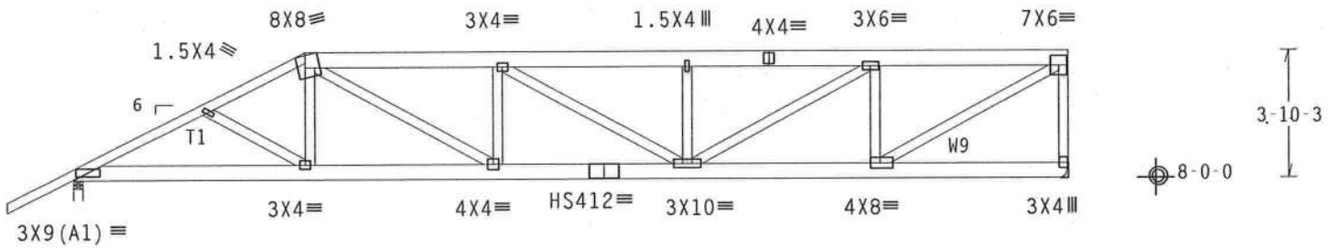
Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W9 2x4 SP #2 Dense:

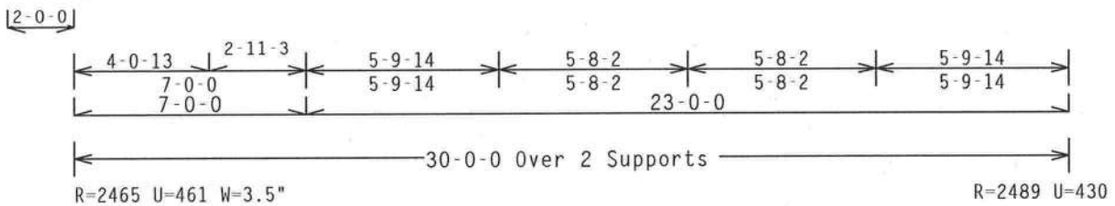
#1 hip supports 7-0-0 jacks with no webs.

Deflection 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.

Right end vertical not exposed to wind pressure.





PLT TYP. 20 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 7.04.0805 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
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1950 Marley Drive
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14799
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256017
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	31630
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SQG487_Z03

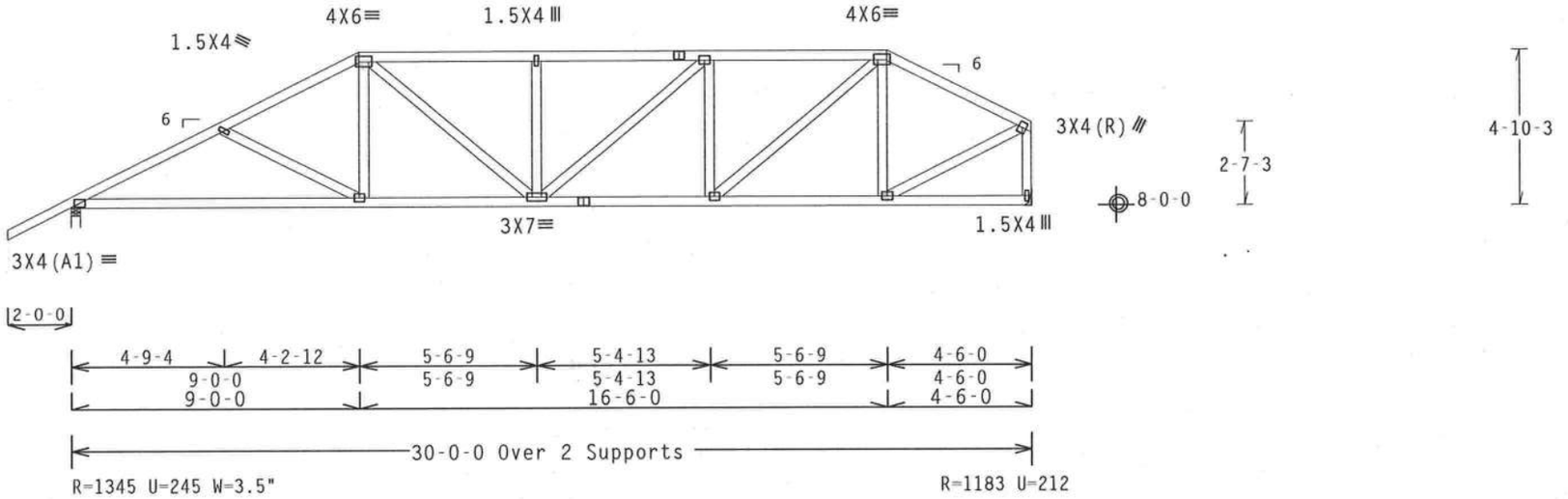
(5-389-JONATHON PERRY / BAKER - H9A)

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, 10.10 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.

Right end vertical not exposed to wind pressure.



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc
1950 Marley Drive
Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF R487-- 14800
TC DL	10.0 PSF	DATE 09/13/05
BC DL	10.0 PSF	DRW HCUSR487 05256016
BC LL	0.0 PSF	HC-ENG DF/AF
TOT.LD.	40.0 PSF	SEQN- 31636
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQG487_Z03

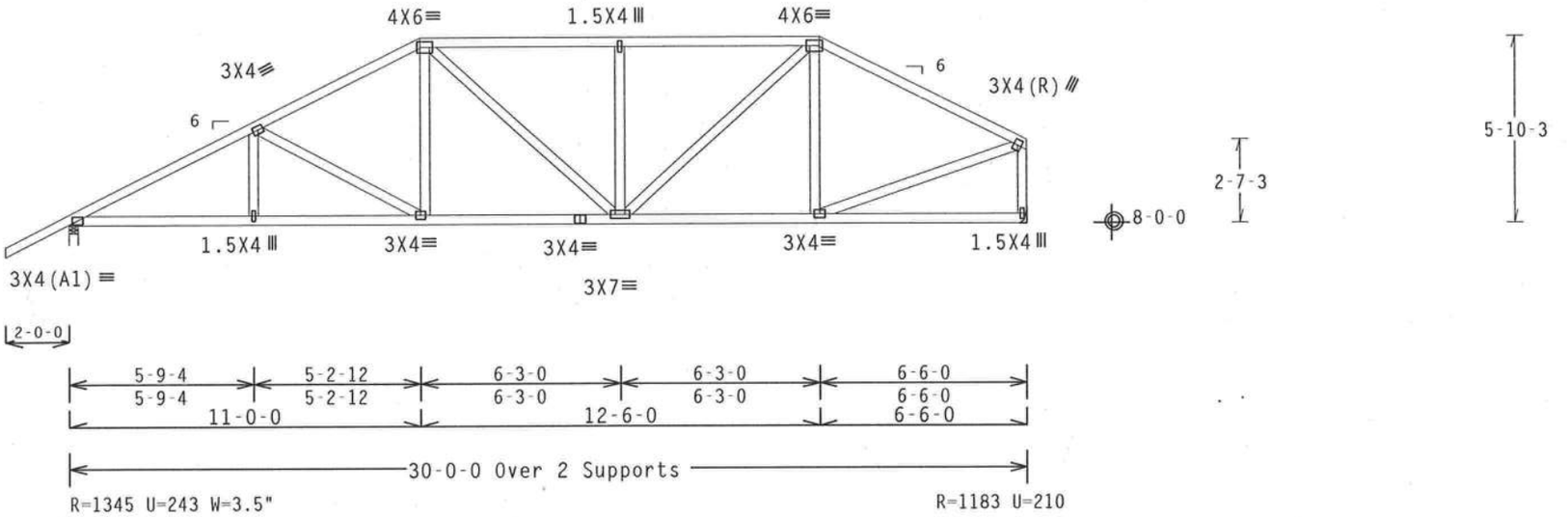
(5-389-JONATHON PERRY / BAKER - H11A)

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

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 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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

ARTHUR P. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14801
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256042
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	5056
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

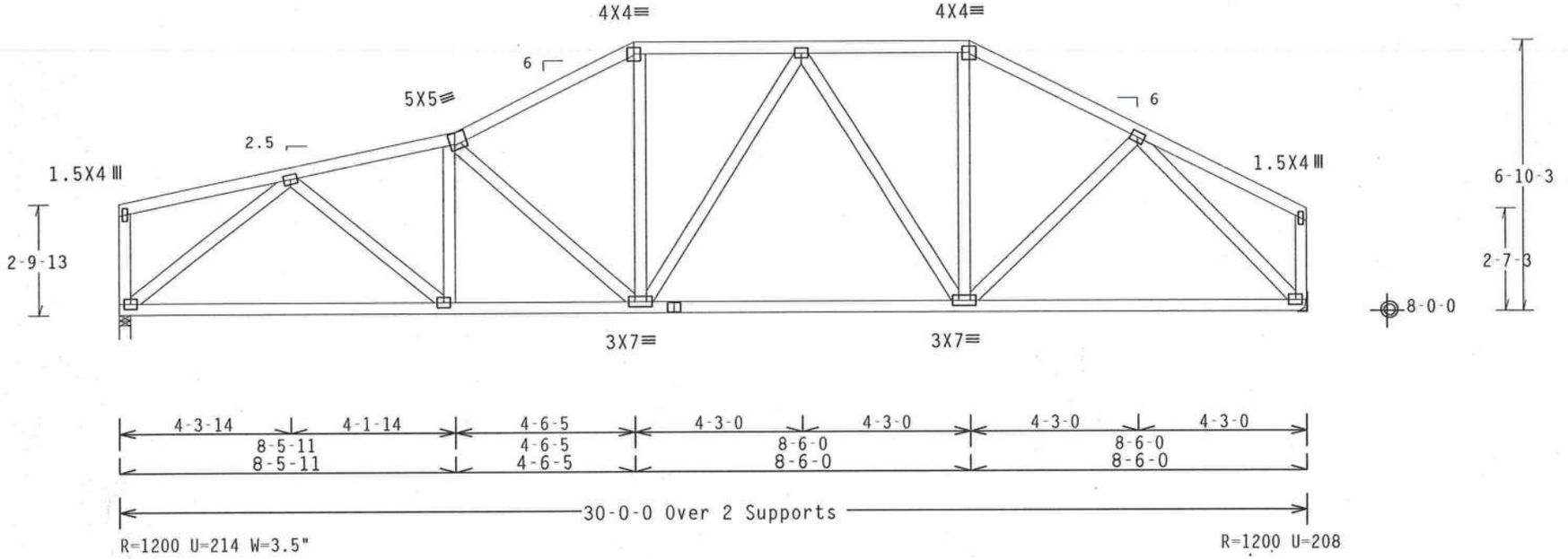
(5-389-JONATHON PERRY / BAKER - H13A)

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

End verticals not exposed to wind pressure.

110 mph wind, 12.72 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.



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 1 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE

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ARTHUR R. FISHER LICENSE No. 59087 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF R487-- 14802
TC DL	10.0 PSF	DATE 09/13/05
BC DL	10.0 PSF	DRW HCUSR487 05256010
BC LL	0.0 PSF	HC-ENG DF/AF
TOT.LD.	40.0 PSF	SEQN- 31670
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - H15AT)

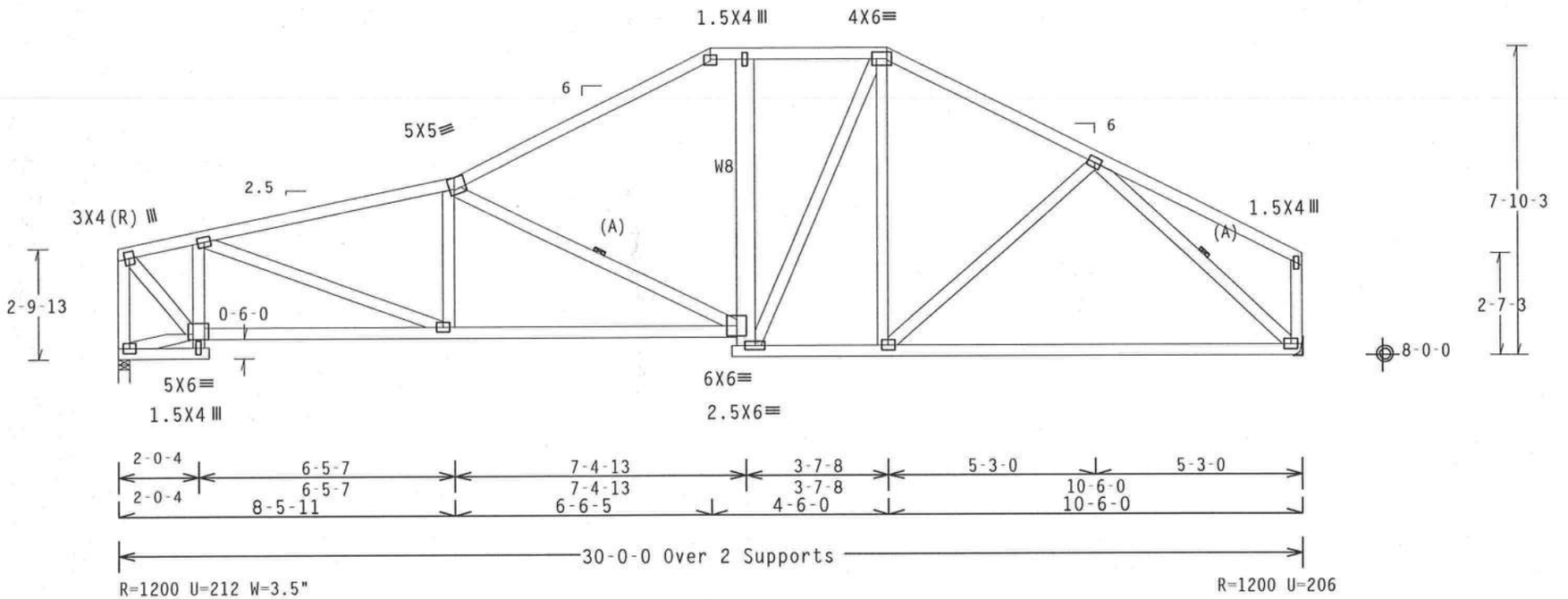
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W8 2x6 SP #2:

End verticals not exposed to wind pressure.

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

110 mph wind, 13.22 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.



Note: All Plates Are 3X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 16 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14803
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256061
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	10403
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - H17AT)

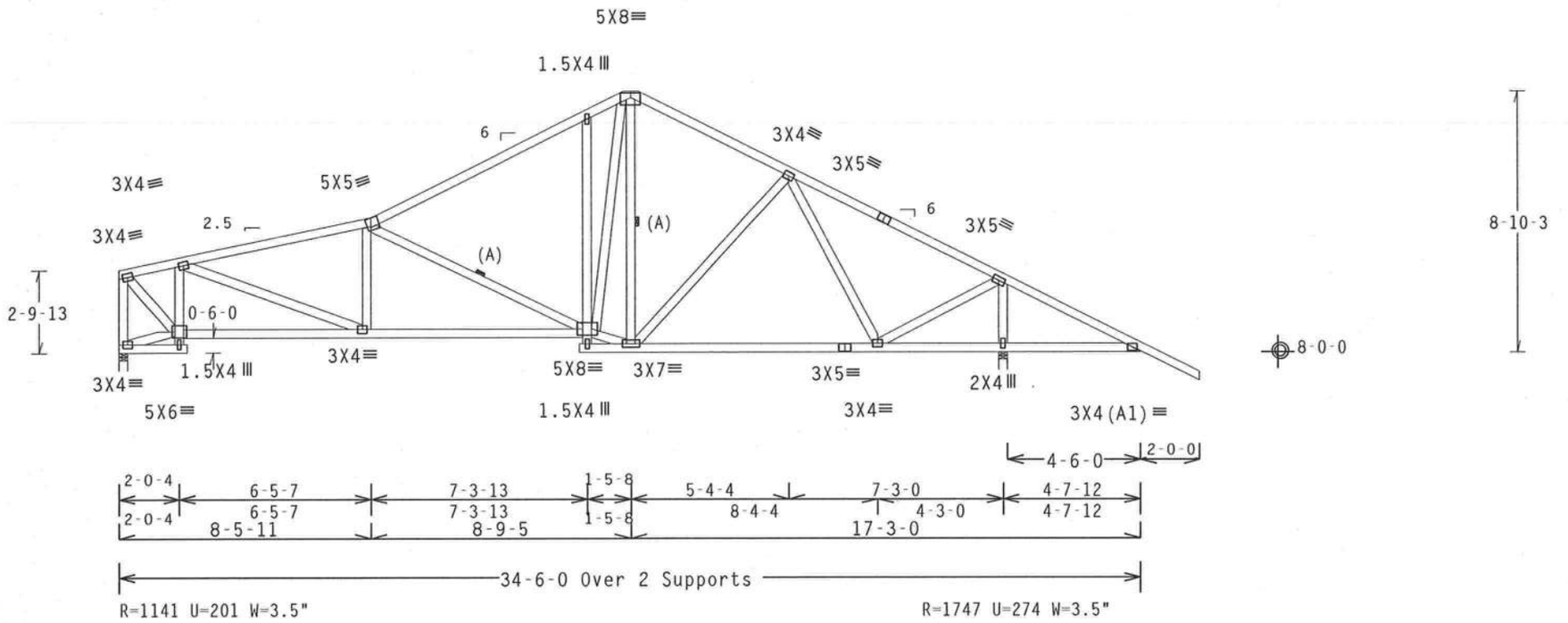
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

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

110 mph wind, 12.10 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.

(A) Continuous lateral bracing equally spaced on member.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14804
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256025
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	31658
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - AT1)

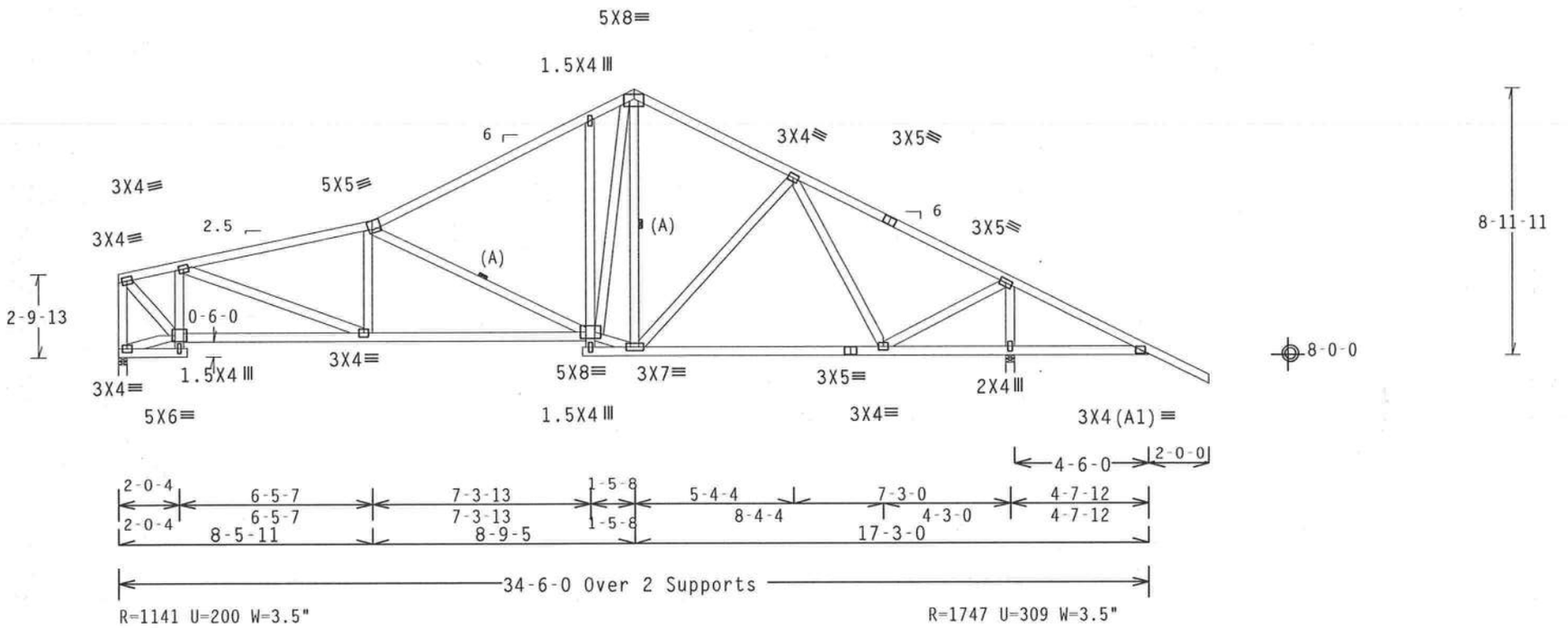
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

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

110 mph wind, 12.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:5 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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 BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO 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.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14805
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256027
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	19125
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - A)

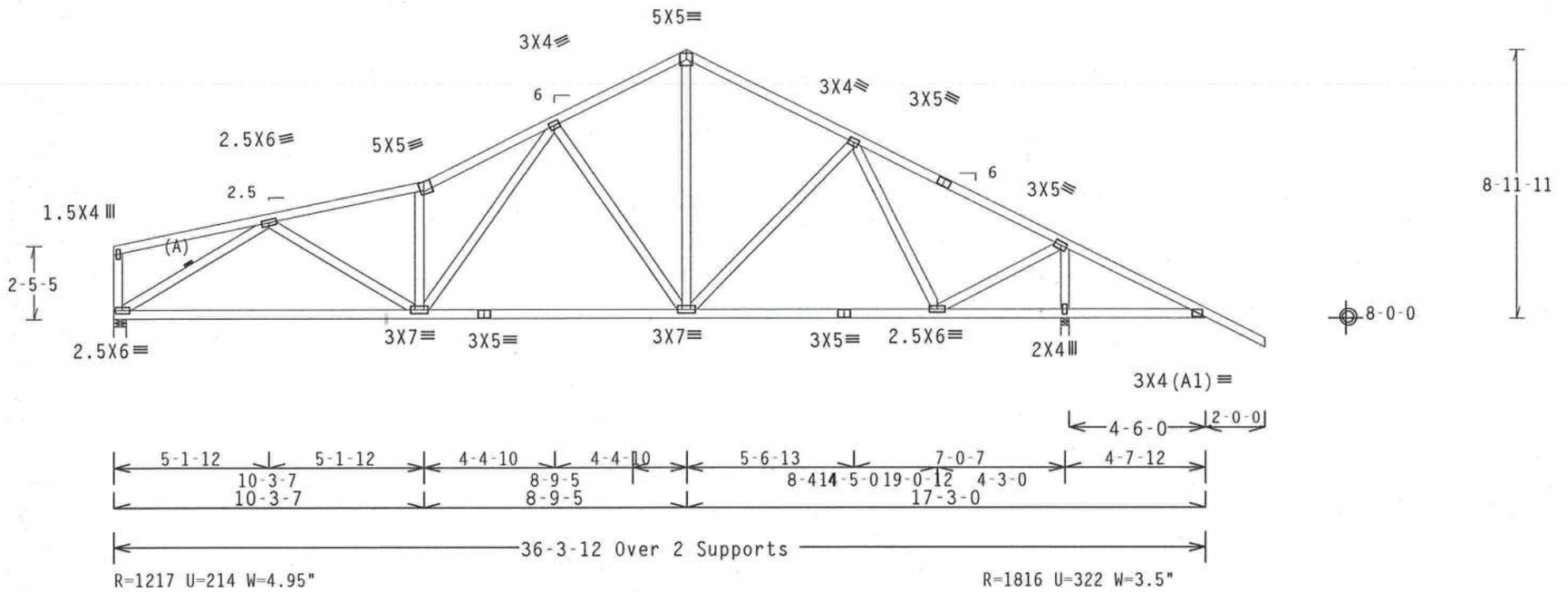
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

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

110 mph wind, 12.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

(A) Continuous lateral bracing equally spaced on member.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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ARTHUR B. FISHER LICENSE No. 59087 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF R487-- 14806
TC DL	10.0 PSF	DATE 09/13/05
BC DL	10.0 PSF	DRW HCUSR487 05256032
BC LL	0.0 PSF	HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN- 19121
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQG487_Z03

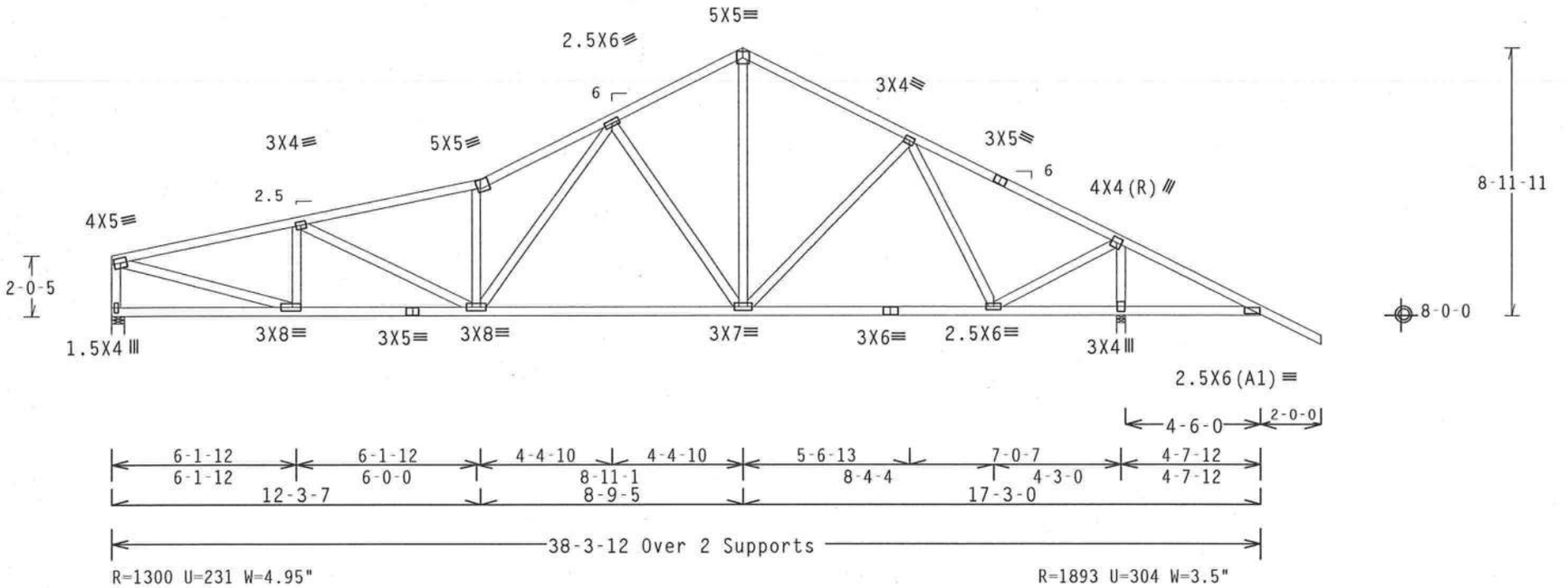
(5-389-JONATHON PERRY / BAKER - A1)

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

Left end vertical not exposed to wind pressure.

110 mph wind, 12.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=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/-/4/-/-/R/- | Scale =.1875"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '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-- 14807
DATE	09/13/05
DRW	HCUSR487 05256033
HC-ENG	DF/AF *
SEQN-	4994
JREF-	1SQG487_Z03

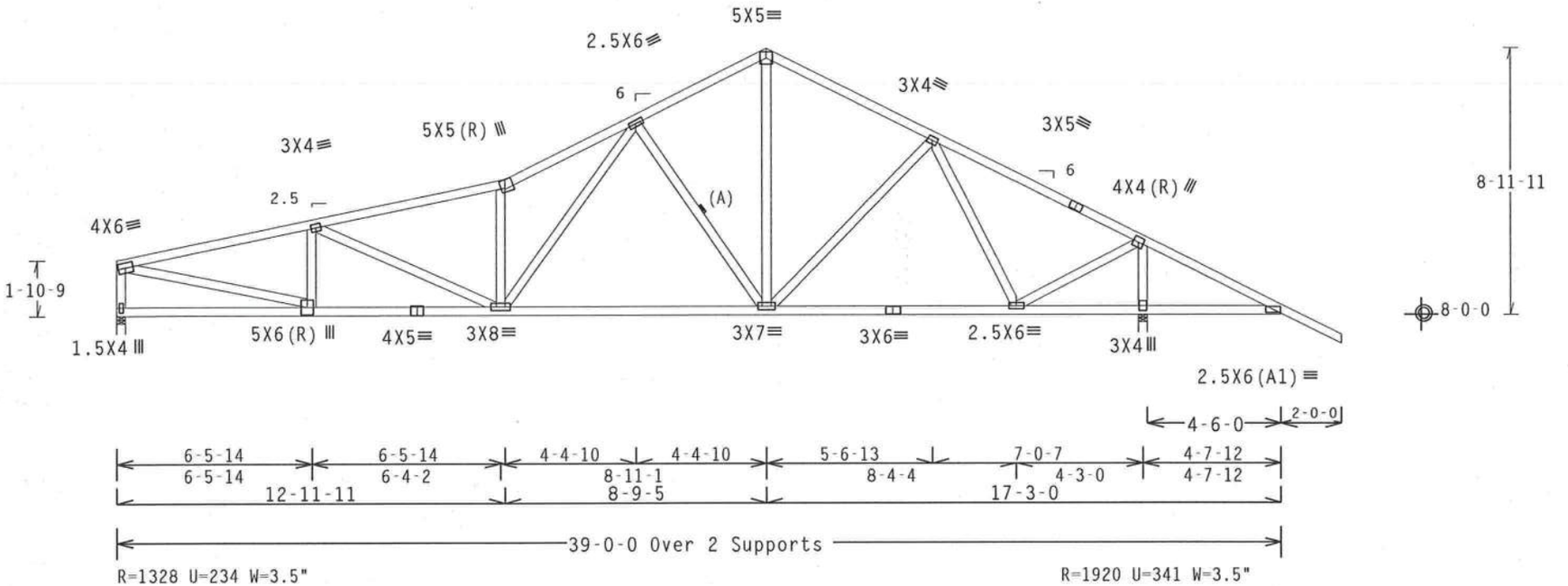
(5-389-JONATHON PERRY / BAKER - A2)

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

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 12.16 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=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 | 7.04.0805.16 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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

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ARTHUR P. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14808
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256034
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4998
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

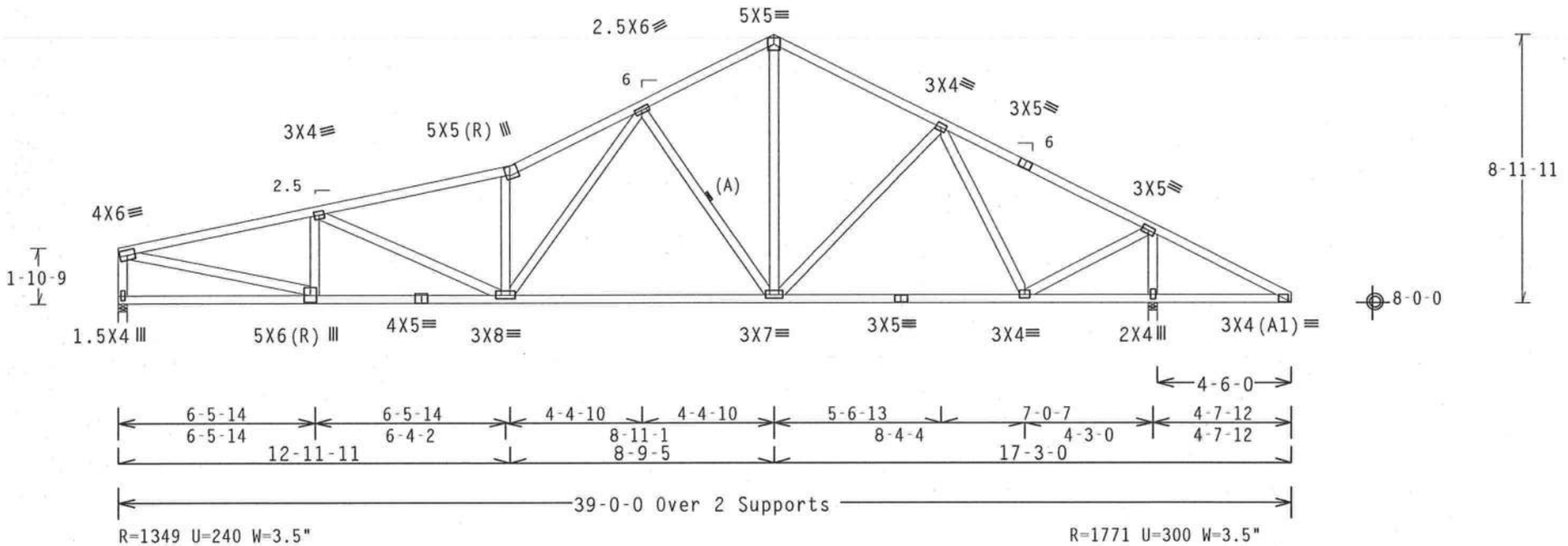
(5-389-JONATHON PERRY / BAKER - A3)

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

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 12.66 ft mean hgt, ASCE 7-98, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=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/-/4/-/-/R/- | Scale =.1875"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '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-- 14809
DATE	09/13/05
DRW	HCUSR487 05256031
HC-ENG	DF/AF *
SEQN-	5002
JREF-	1SQG487_Z03

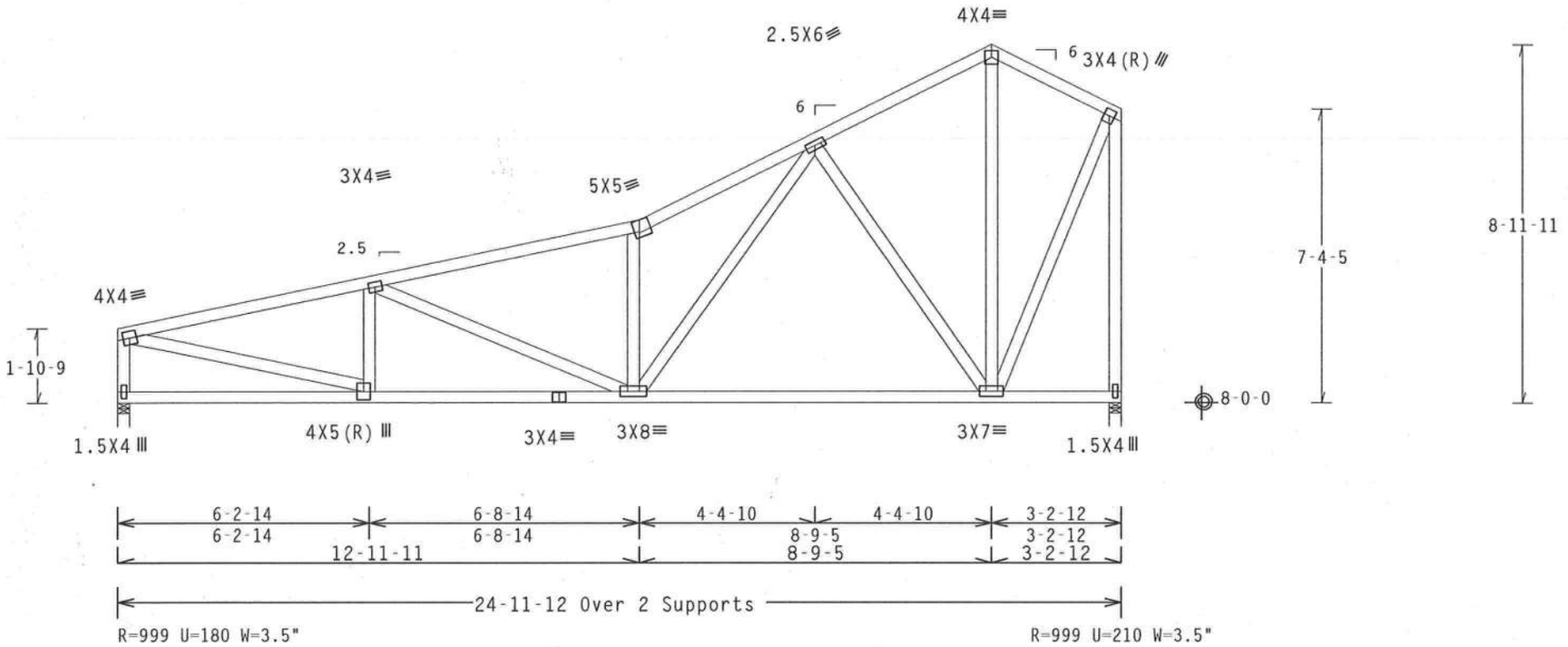
(5-389-JONATHON PERRY / BAKER - A4)

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, 13.43 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:2 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE

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Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF R487-- 14810
TC DL	10.0 PSF	DATE 09/13/05
BC DL	10.0 PSF	DRW HCUSR487 05256041
BC LL	0.0 PSF	HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN- 31611
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - BGE)

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	82 PLF	at	-2.00	to	82 PLF at 25.00
BC - From	4 PLF	at	-2.00	to	4 PLF at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF at 23.00
BC - From	4 PLF	at	23.00	to	4 PLF at 25.00

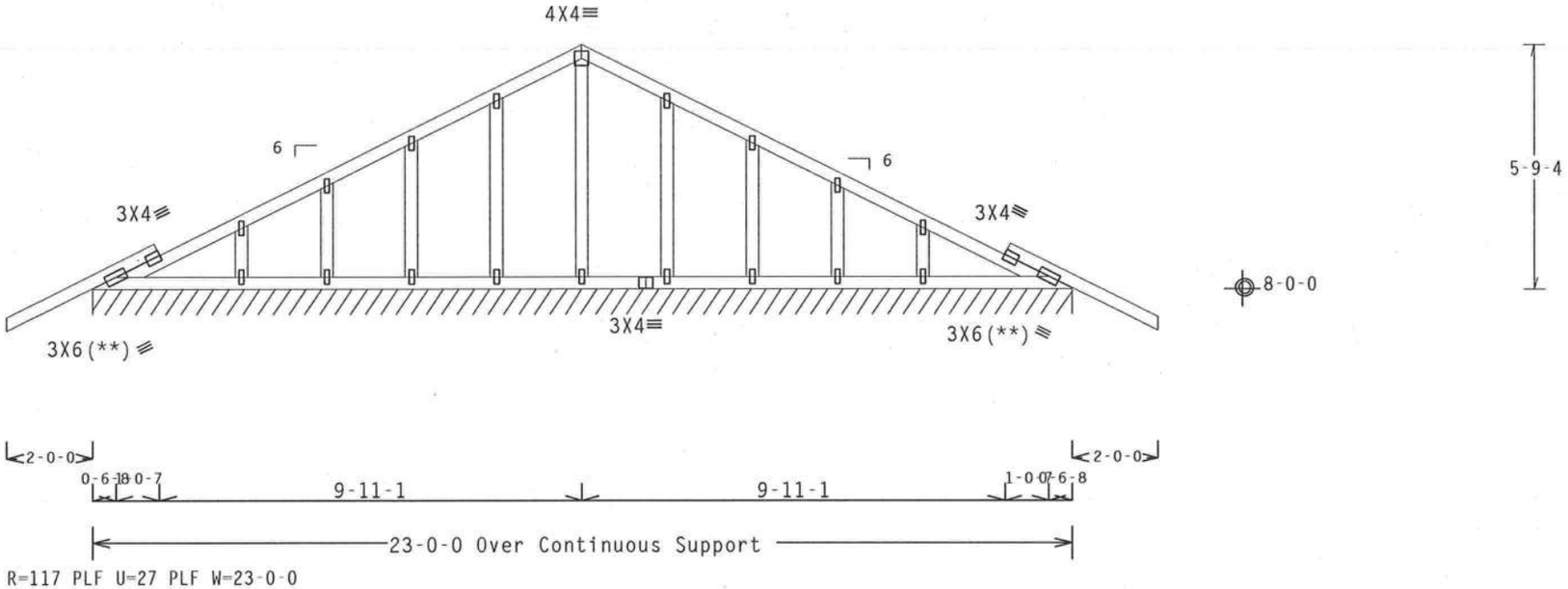
The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

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

110 mph wind, 10.56 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

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



R=117 PLF U=27 PLF W=23-0-0

Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE
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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

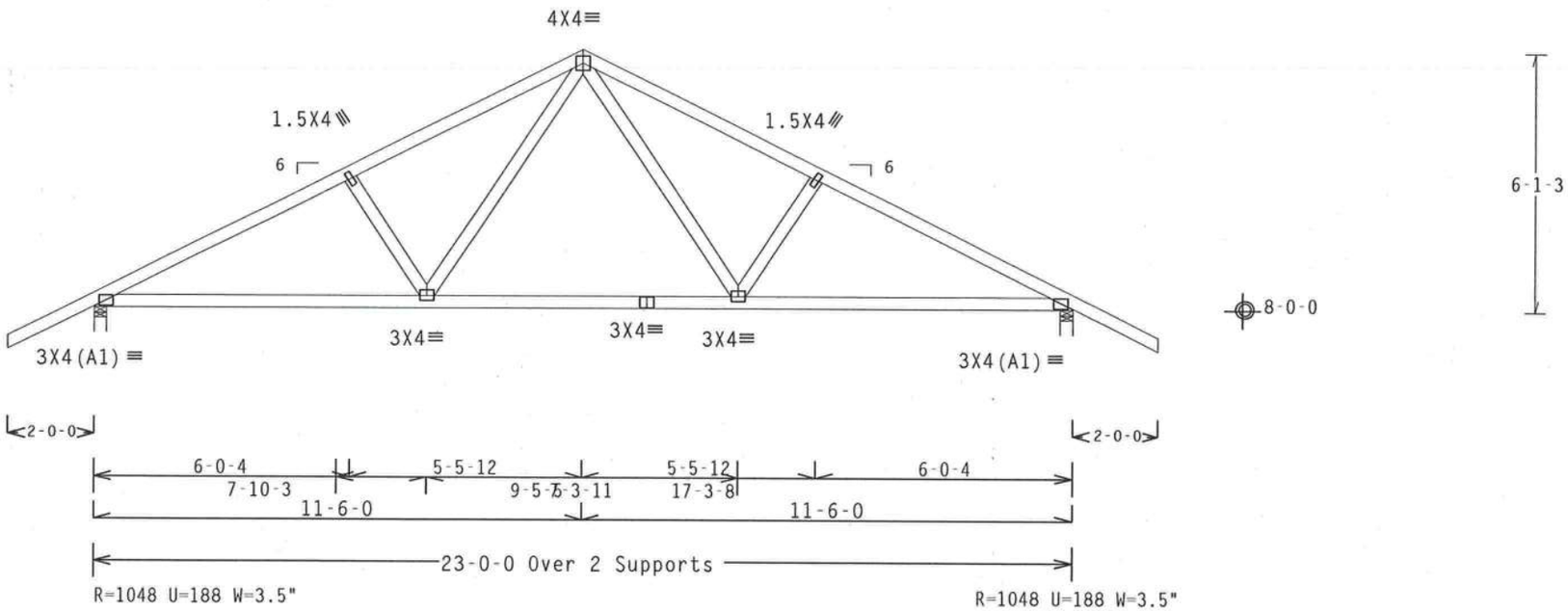
TC LL	20.0 PSF	REF	R487-- 14811
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256009
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4926
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - B)

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, 10.72 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:3 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

ALPINE

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FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

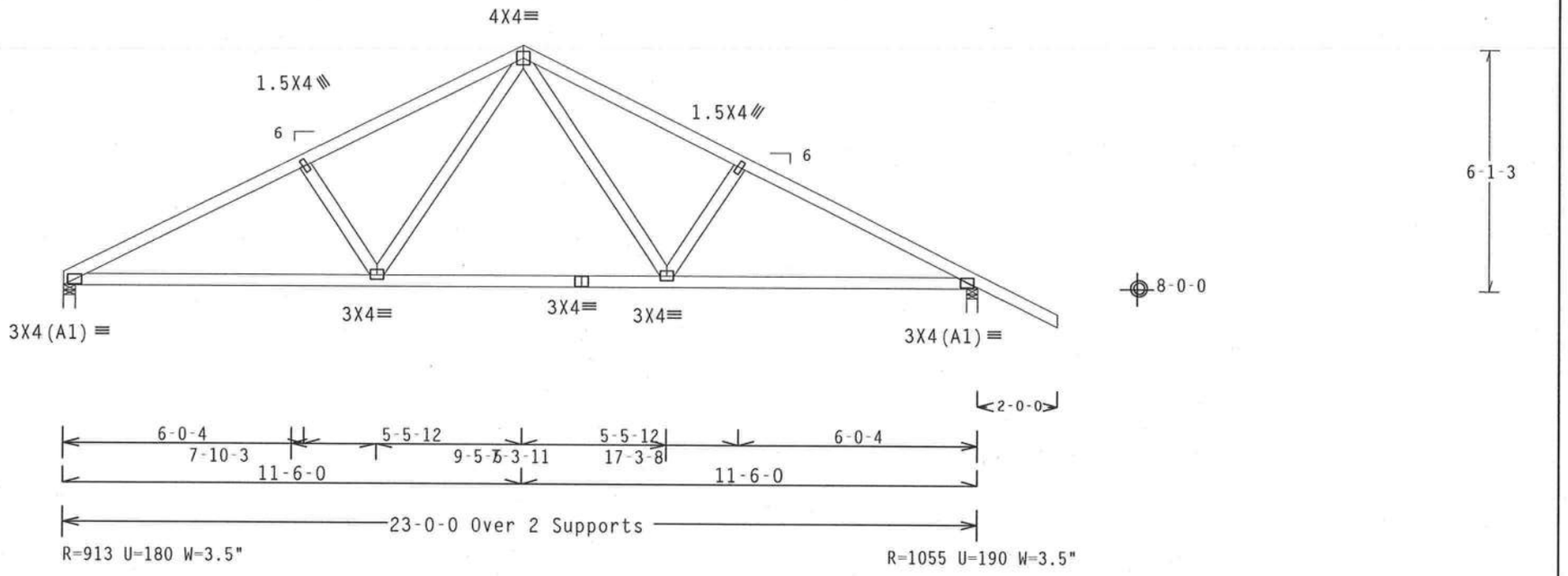
TC LL	20.0 PSF	REF	R487-- 14812
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256028
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4911
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487_Z03

(5-389-JONATHON PERRY / BAKER - BS)

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, 10.72 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:4 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14813
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256043
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4917
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 703

(5-389-JONATHON PERRY / BAKER - CGE)

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 82 PLF at -2.00 to 82 PLF at 18.00
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 16.00
BC - From 4 PLF at 16.00 to 4 PLF at 18.00

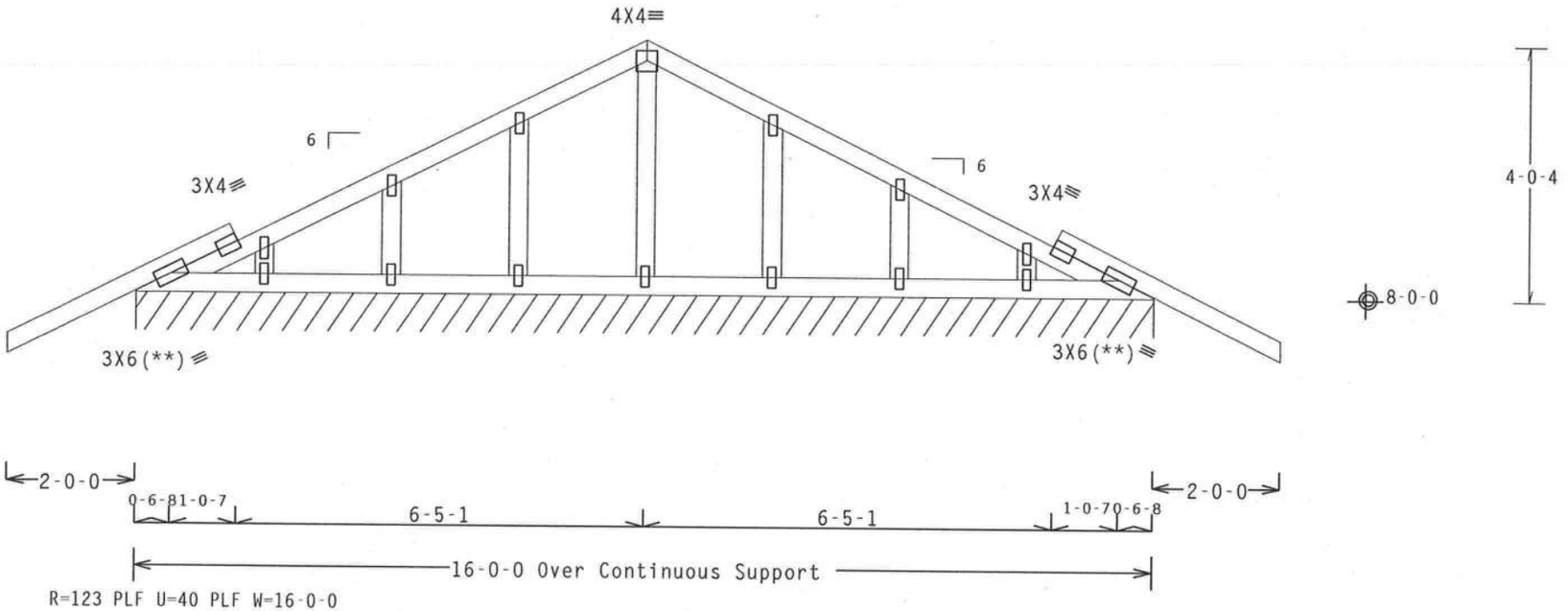
The building designer is responsible for the design of the roof and ceiling diaphragms, gable end shear walls, and supporting shear walls. Shear walls must provide continuous lateral restraint to the gable end. All connections to be designed by the building designer.

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

110 mph wind, 9.68 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.

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

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



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI Design Crit: TPI-1995(STD)/FBC 7.04.0805 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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ARTHUR R. FISHER LICENSE No. 38687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

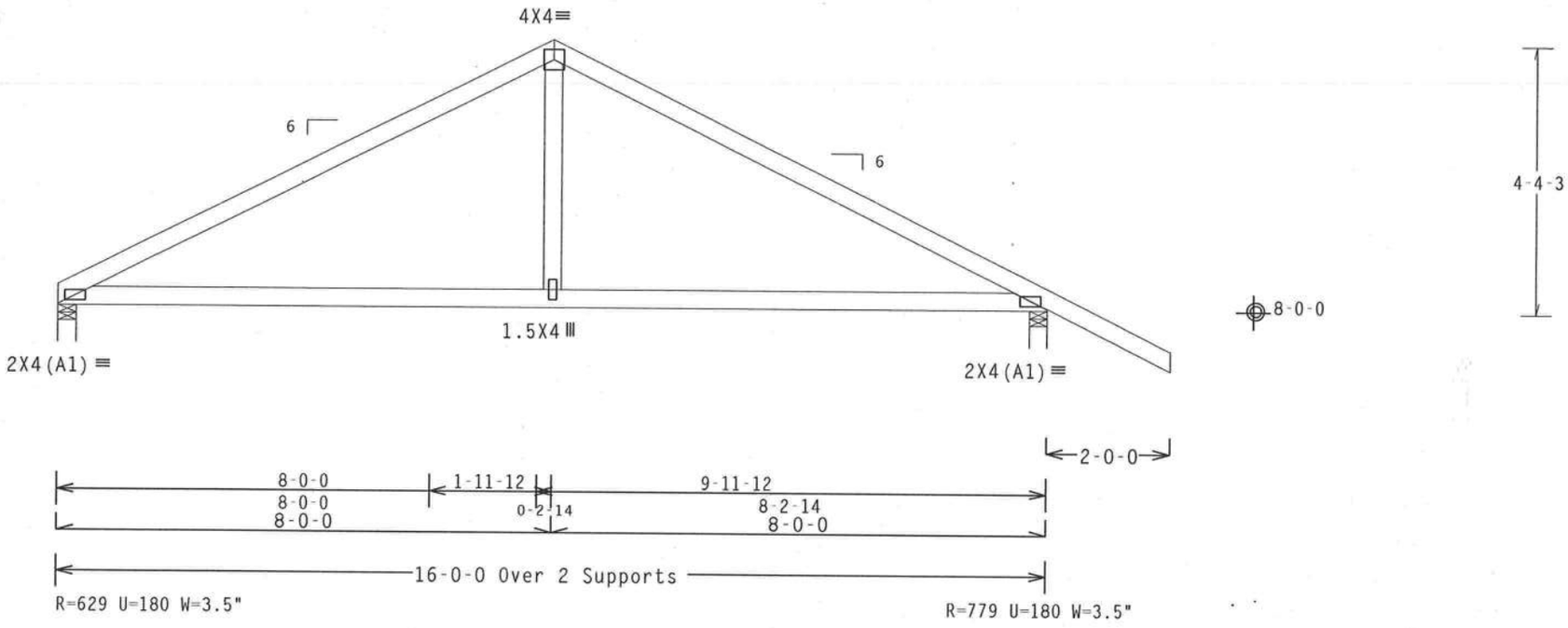
TC LL	20.0 PSF	REF	R487-- 14814
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256020
BC LL	0.0 PSF		HC-ENG DF/AF
TOT.LD.	40.0 PSF	SEQN-	4933
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1SOG487 703

(5-389-JONATHON PERRY / BAKER - C)

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

110 mph wind, 9.85 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 10 | QTY:3 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14815
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256038
BC LL	0.0 PSF		HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4906
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 703

(5-389-JONATHON PERRY / BAKER - C-1)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2
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 18.00
BC - From 574 PLF at 0.00 to 574 PLF at 8.00
BC - From 20 PLF at 8.00 to 20 PLF at 16.00
BC - From 4 PLF at 16.00 to 4 PLF at 18.00
BC - 2489 LB Conc. Load at 9.00

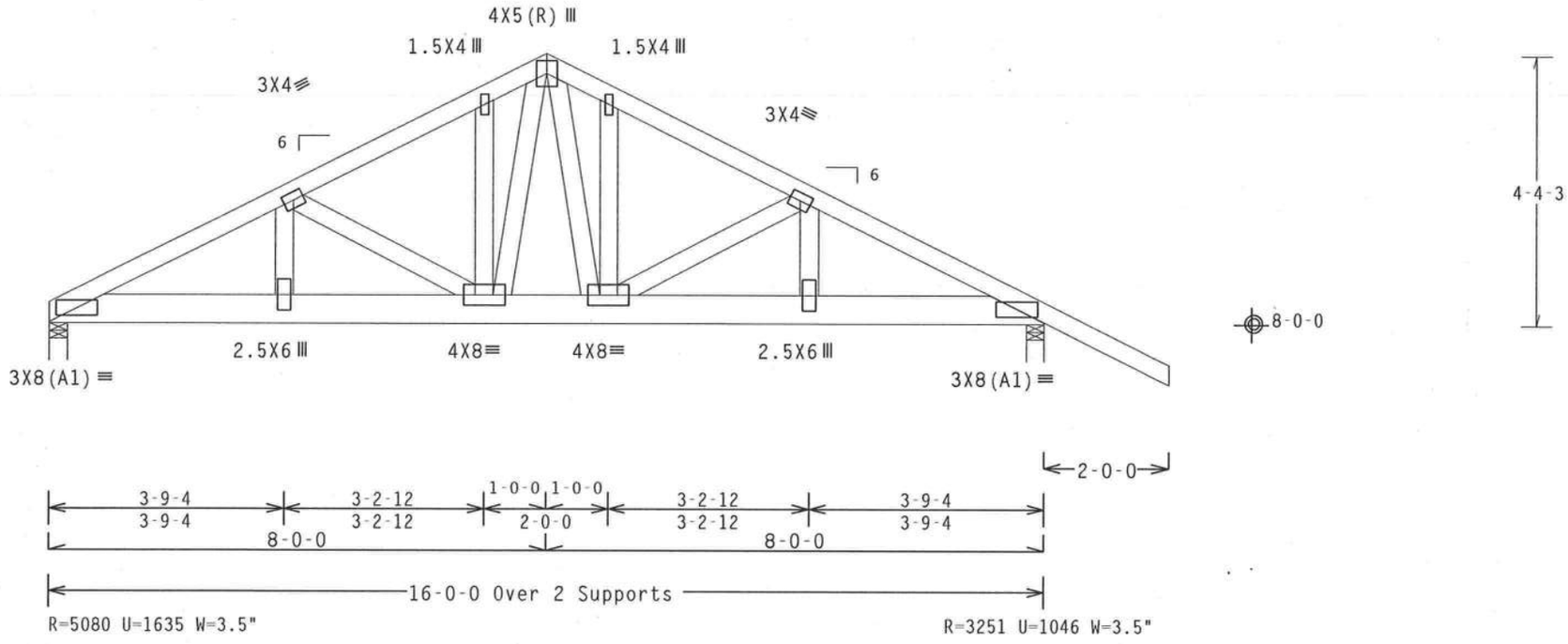
Roof overhang supports 2.00 psf soffit load.

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 @ 3.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

110 mph wind, 9.85 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.

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



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14816
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256044
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	31649
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SQG487 Z03

(5-389-JONATHON PERRY / BAKER - H7DT)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1, W7 2x10 SP SS:

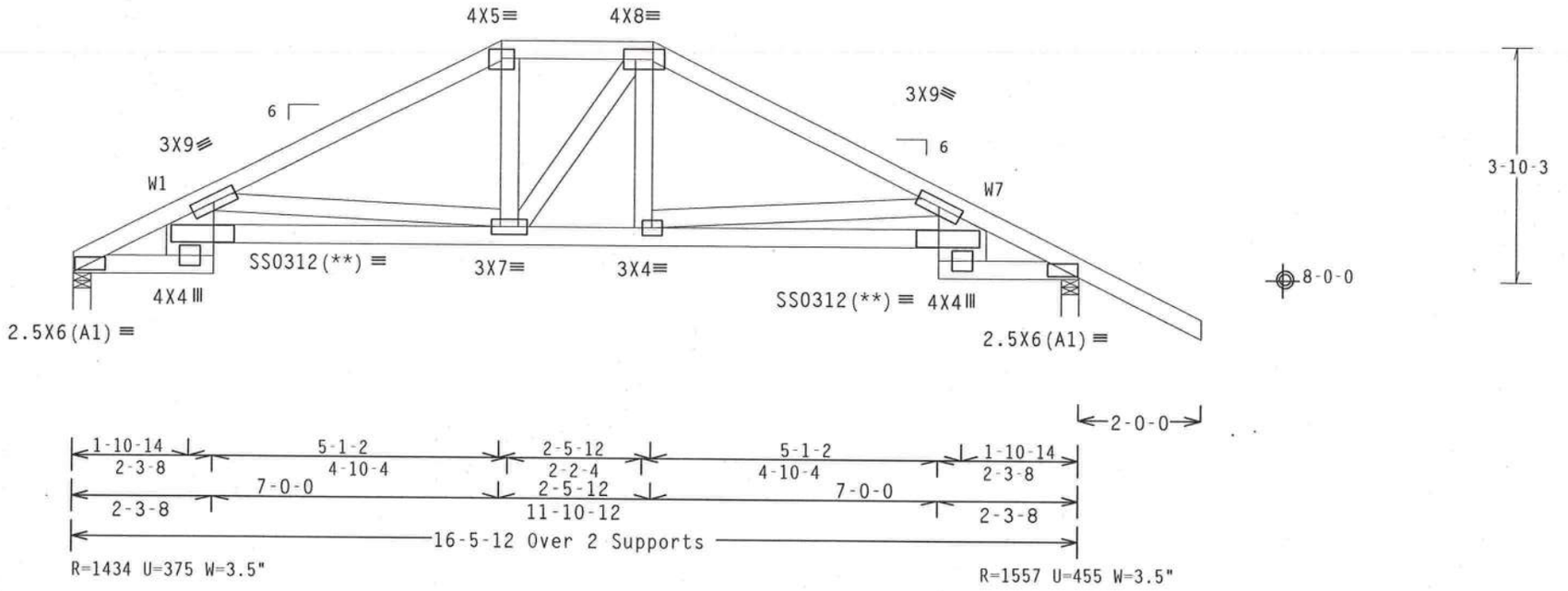
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Left side jacks have 7-0-0 setback with 0-0-0 cant and 0-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 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 7-0-0 jacks with no webs.

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



PLT TYP. 18 Gauge HS,Wave TPI Design Crit: TPI-1995(STD)/FBC 7.04.0805 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

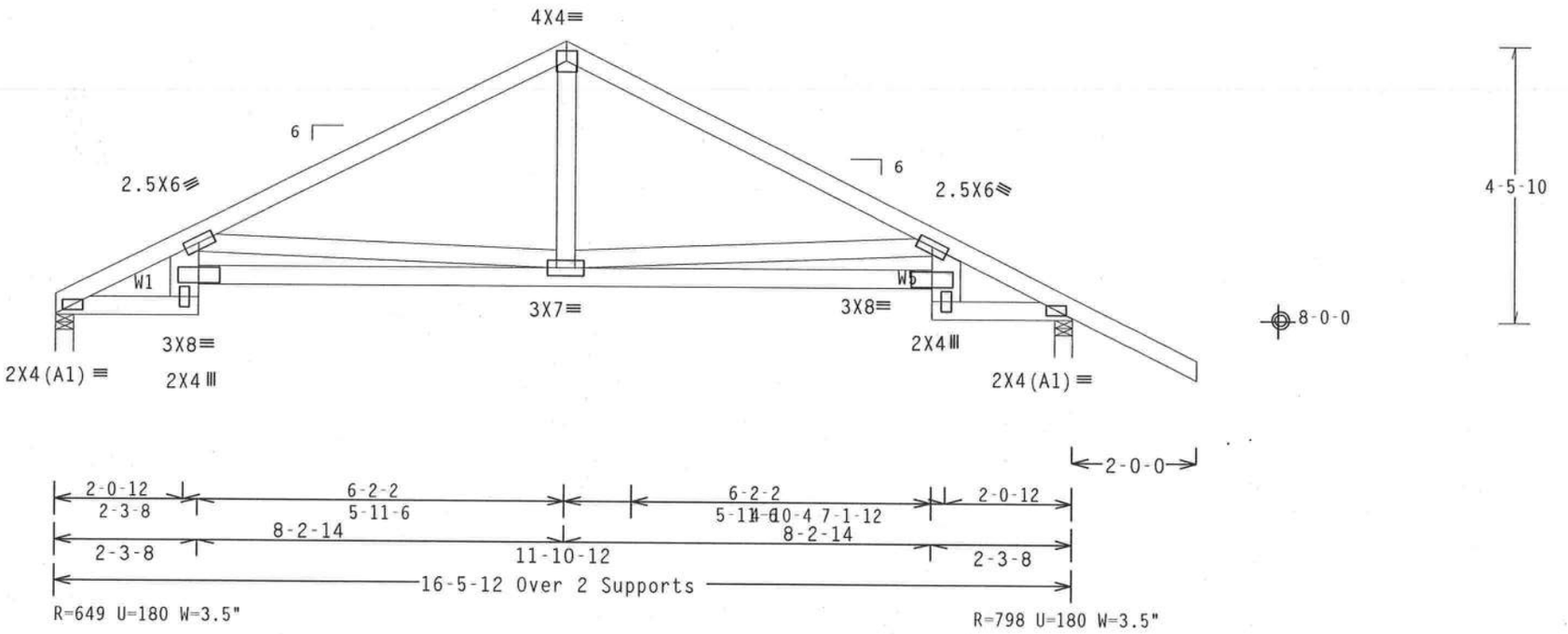
TC LL	20.0 PSF	REF	R487-- 14817
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256018
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4973
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 703

(5-389-JONATHON PERRY / BAKER - DT)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1, W5 2x6 SP #2:

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

110 mph wind, 9.91 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:2 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
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LICENSE
No. 38687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 13 '05

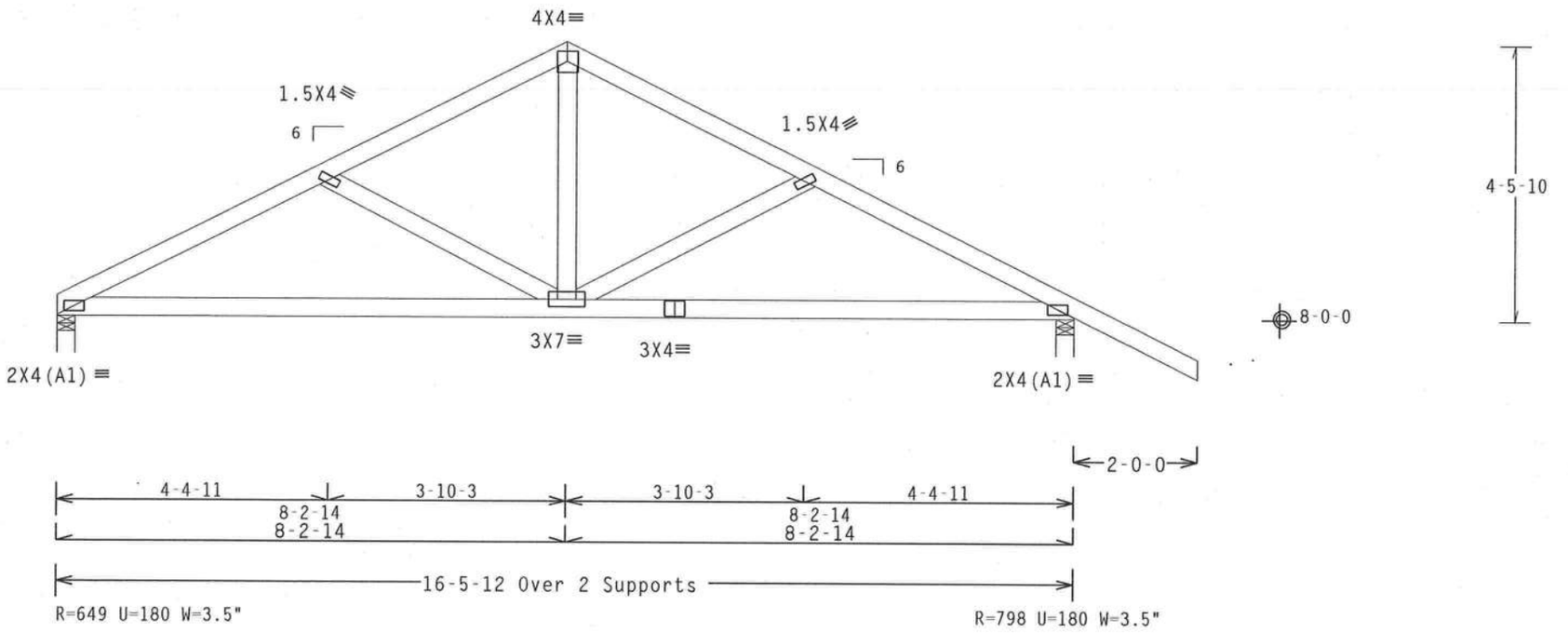
TC LL	20.0 PSF	REF	R487-- 14818
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256045
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4827
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487 703

(5-389-JONATHON PERRY / BAKER - D)

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, 9.91 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14819
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256013
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4832
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487 703

(5-389-JONATHON PERRY / BAKER - D-1)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
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 18.48
BC - From 400 PLF at 0.00 to 400 PLF at 8.42
BC - From 20 PLF at 8.42 to 20 PLF at 16.48
BC - From 4 PLF at 16.48 to 4 PLF at 18.48
BC - 1759 LB Conc. Load at 9.42

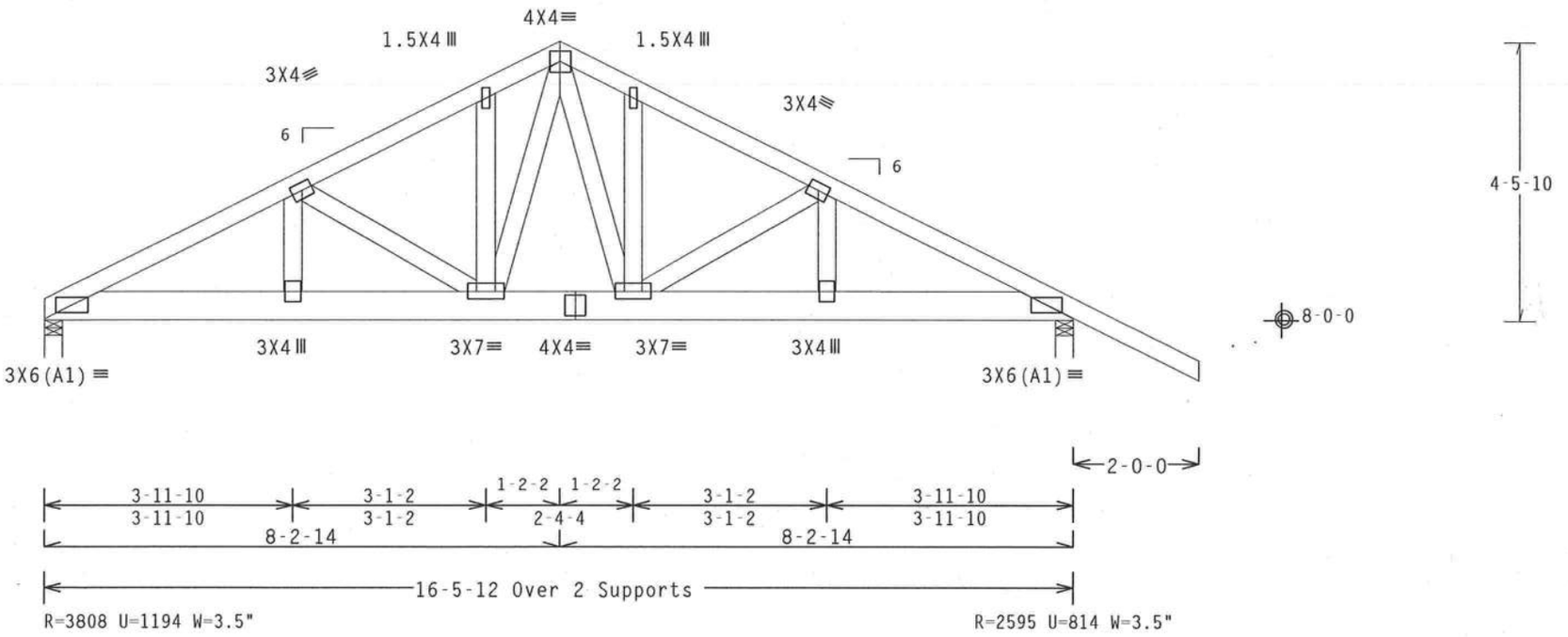
Roof overhang supports 2.00 psf soffit load.

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 @ 4.75" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 9.91 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/-/4/-/-/R/- | Scale =.375"/Ft.

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

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 PLATE INSTITUTE, 583 D'ONOFRIO 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.

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ARTHUR R. FISHER LICENSE No. 50687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14820
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256062
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	10425
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SQG487 703

(5-389-JONATHON PERRY / BAKER - HJ7T)

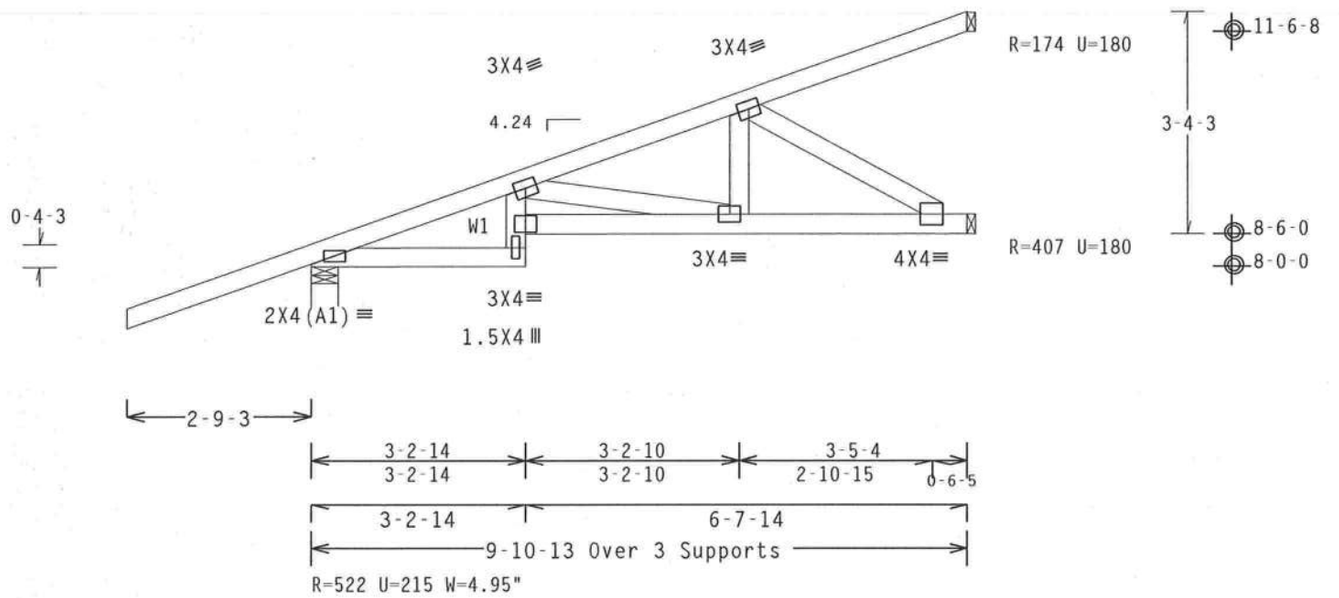
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

Hipjack supports 7-0-0 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.

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:2 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
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1950 Marley Drive
Haines City, FL 33844

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ARTHUR R. FISHER LICENSE No. 50687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14821
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256012
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4902
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 703

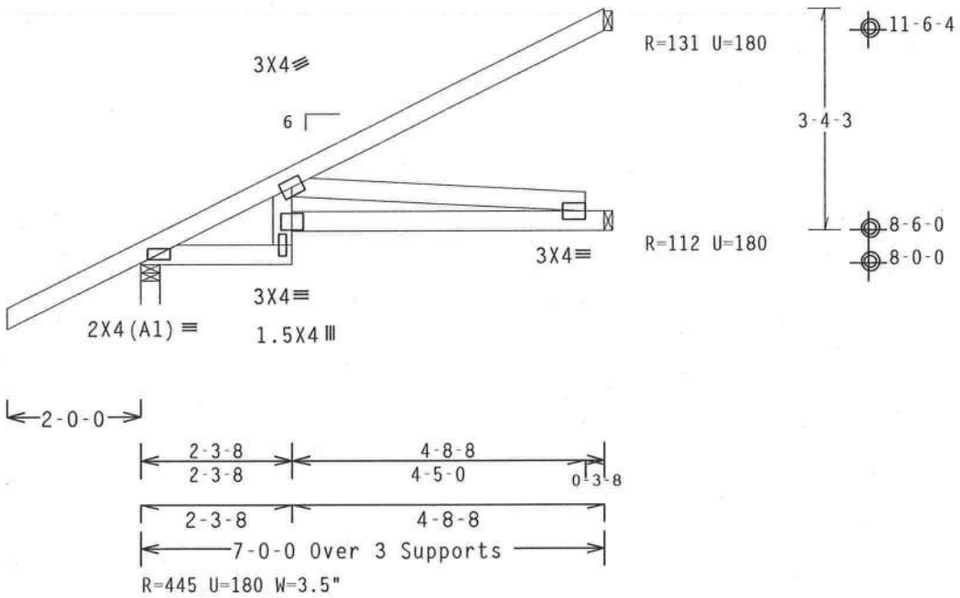
(5-389-JONATHON PERRY / BAKER - EJ7T)

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, 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:3 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 39687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14822
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256024
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4820
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 Z03

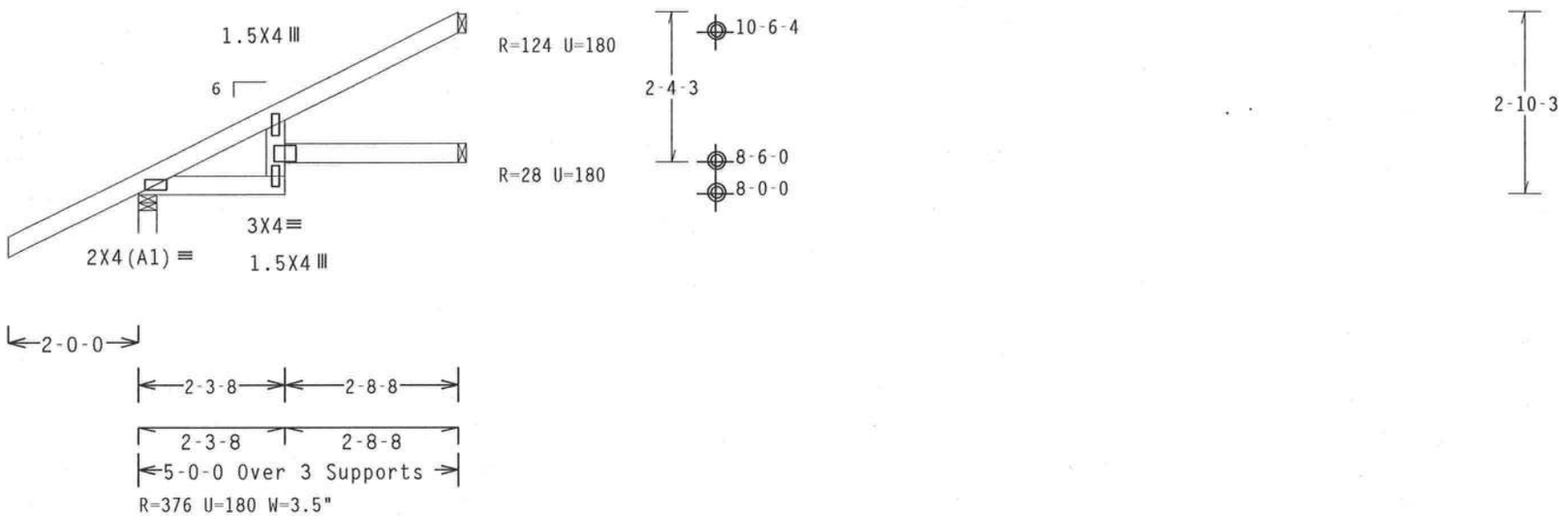
(5-389-JONATHON PERRY / BAKER - CJ5T)

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, 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:4 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No. 51687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14823
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256022
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4814
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S0G487 703

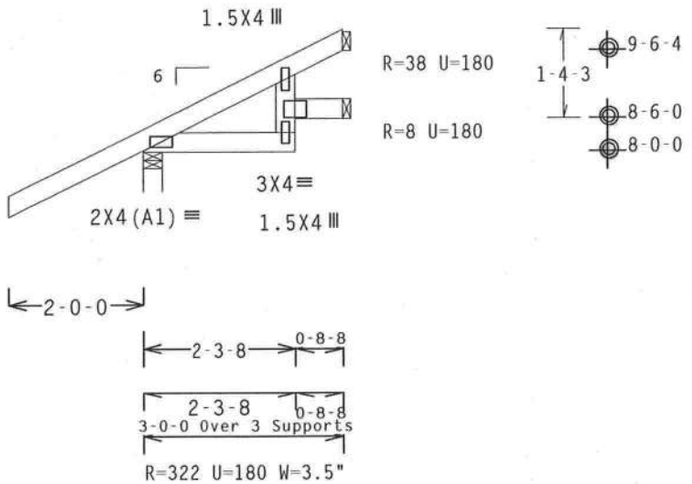
(5-389-JONATHON PERRY / BAKER - CJ3T)

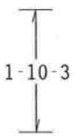
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, 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.

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





PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:4 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14824
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256014
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4810
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 703

(5-389-JONATHON PERRY / BAKER - HJ7)

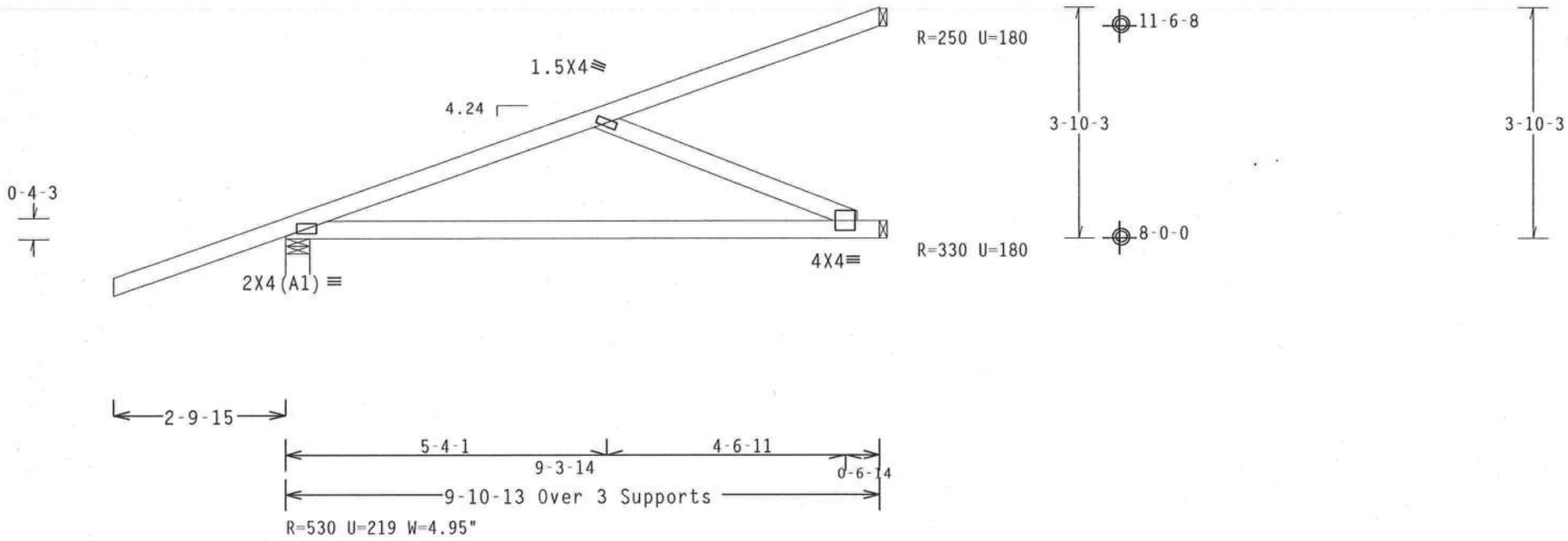
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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.

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/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE
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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14825
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256035
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4941
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 703

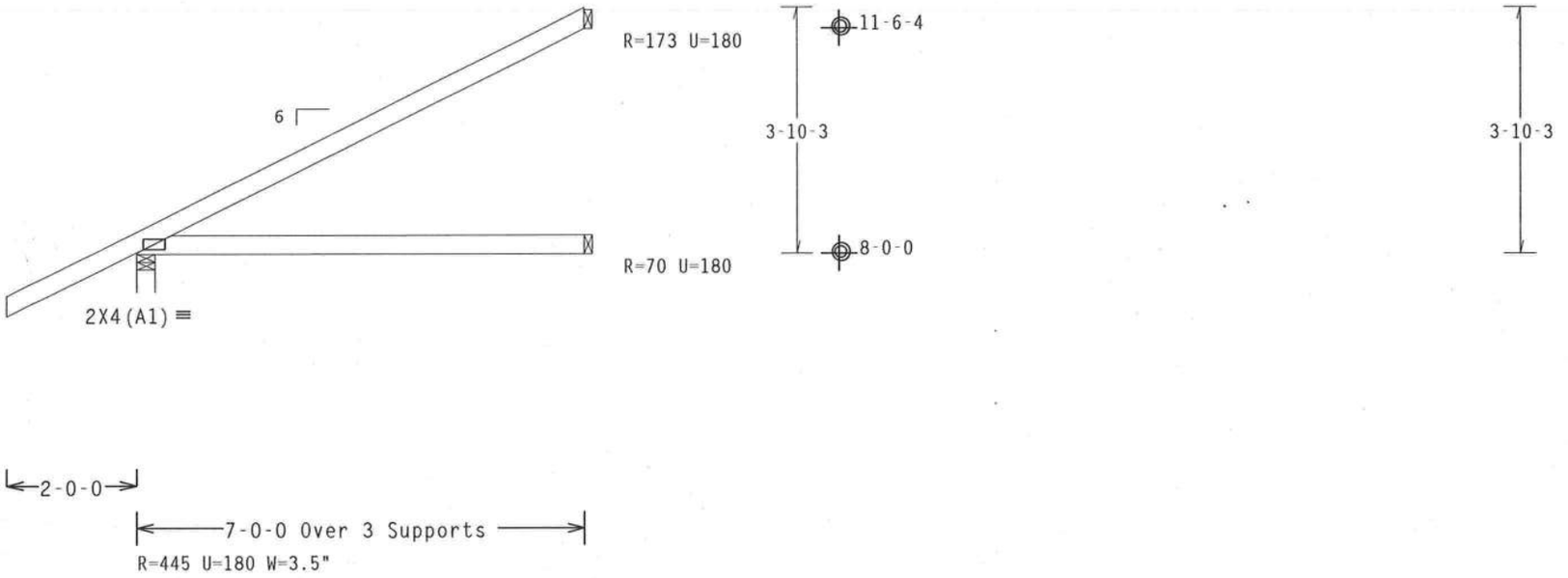
(5-389-JONATHON PERRY / BAKER - EJ7)

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, 9.60 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:28 FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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Haines City, FL 33844

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ARTHUR R. FISHER LICENSE No. 50687 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14826
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256039
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4790
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487 703

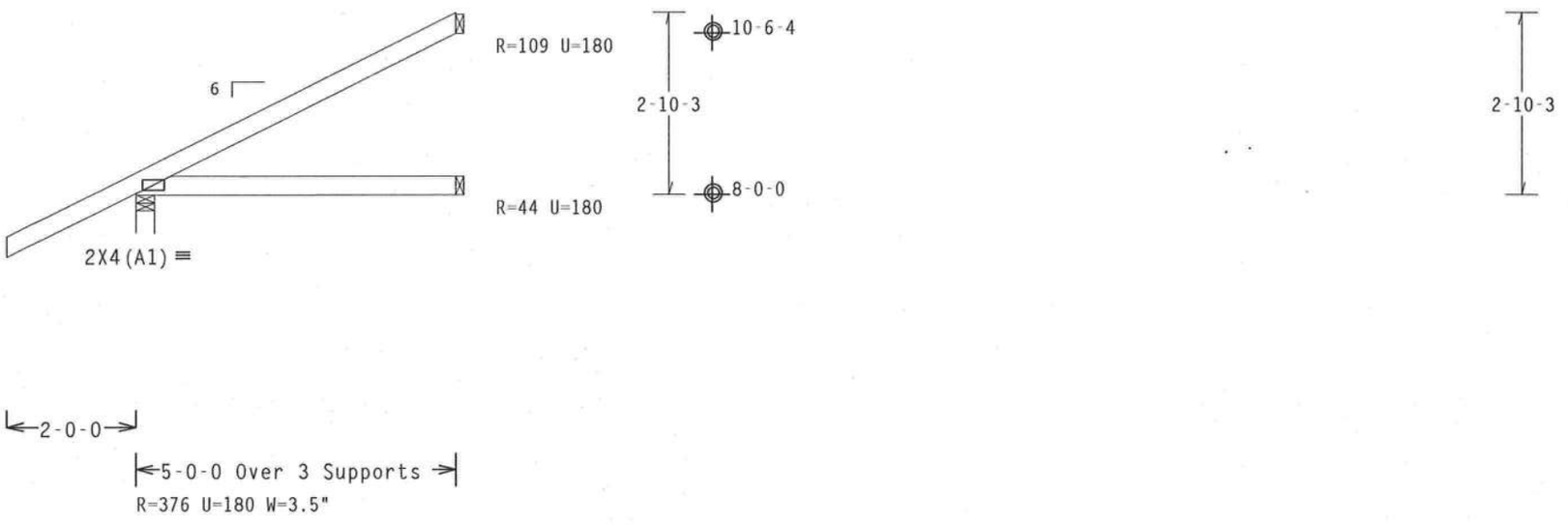
(5-389-JONATHON PERRY / BAKER - J5)

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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:2 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14827
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256036
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4796
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SQG487 703

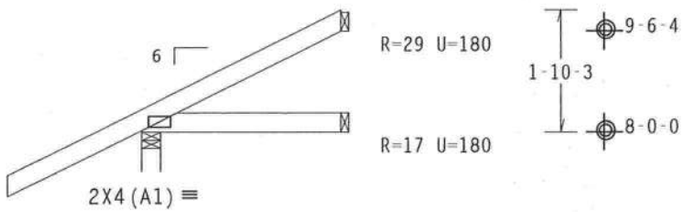
(5-389-JONATHON PERRY / BAKER - J3)

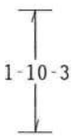
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

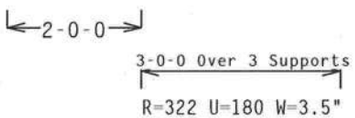
Deflection meets L/360 live and L/240 total load.

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.







PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:2 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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1950 Marley Drive
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Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14828
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256037
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4801
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S0G487 703

(5-389-JONATHON PERRY / BAKER - J1)

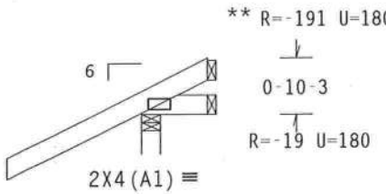
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

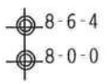
110 mph wind, 8.10 ft mean hgt, ASCE 7-98, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

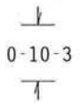
** Negative reaction(s) of -190# MAX. (See below) from a non-wind load case requires uplift connection.

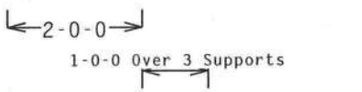
Deflection meets L/360 live and L/240 total load.

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.









R=418 U=180 W=3.5"

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:6 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14829
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256015
BC LL	0.0 PSF	HC-ENG	DF/AF
TOT.LD.	40.0 PSF	SEQN-	4805
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1SOG487 Z03

(5-389-JONATHON PERRY / BAKER - MGE)

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

See DWGS A11015EC1103 & GBLLETIN1103 for more requirements.

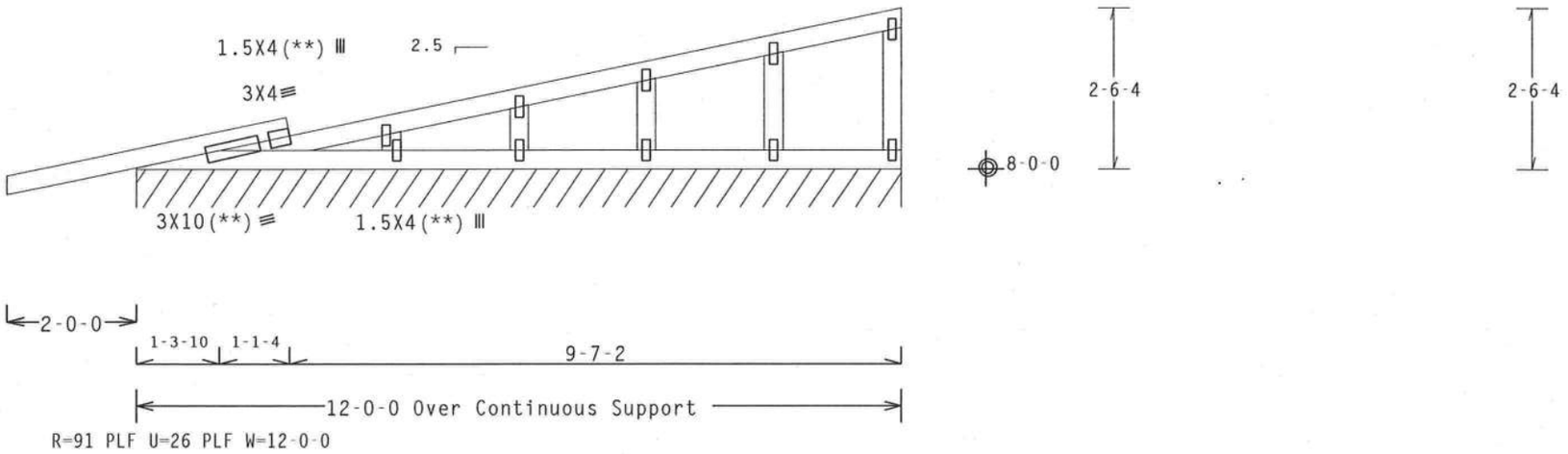
Deflection meets L/360 live and L/240 total load.

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

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

110 mph wind, 9.21 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.

Right end vertical not exposed to wind pressure.



Note: All Plates Are 1.5X4 Except As Shown.

PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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ARTHUR A. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF R487-- 14830
TC DL	10.0 PSF	DATE 09/13/05
BC DL	10.0 PSF	DRW HCUSR487 05256011
BC LL	0.0 PSF	HC-ENG DF/AF
TOT.LD.	40.0 PSF	SEQN- 5128
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1S06487 703

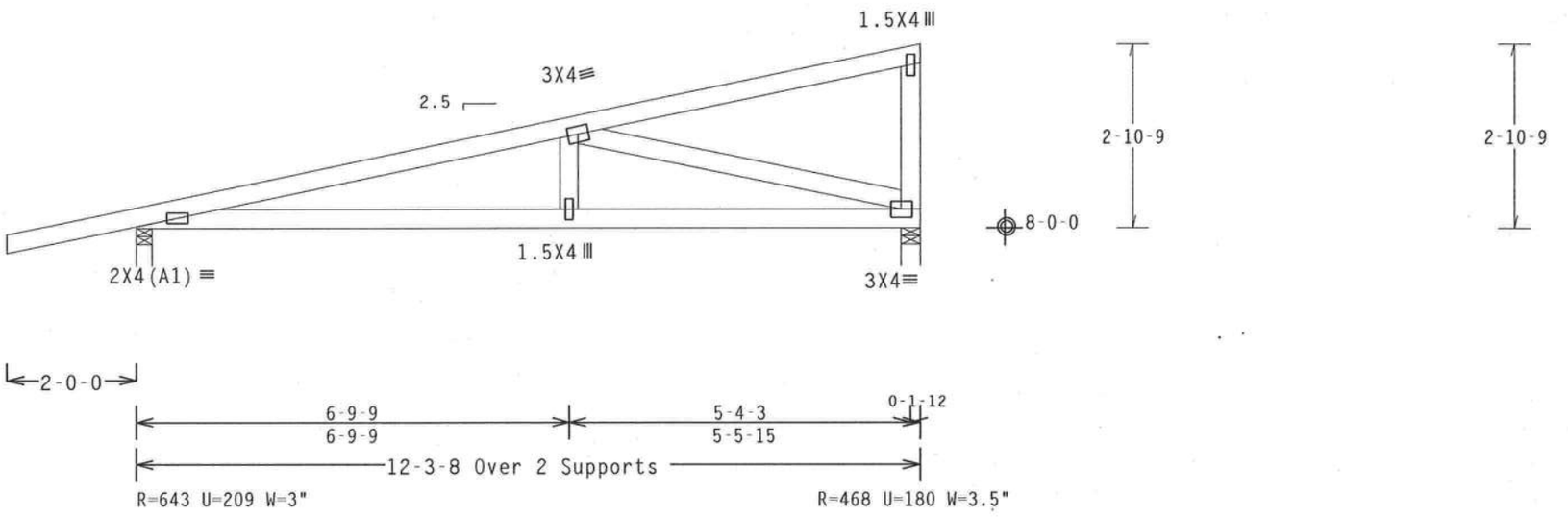
(5-389-JONATHON PERRY / BAKER - M)

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, 9.39 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.

Right end vertical not exposed to wind pressure.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:4 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sep 13 '05

TC LL	20.0 PSF	REF R487-- 14831
TC DL	10.0 PSF	DATE 09/13/05
BC DL	10.0 PSF	DRW HCUSR487 05256019
BC LL	0.0 PSF	HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN- 4838
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1S0G487 703

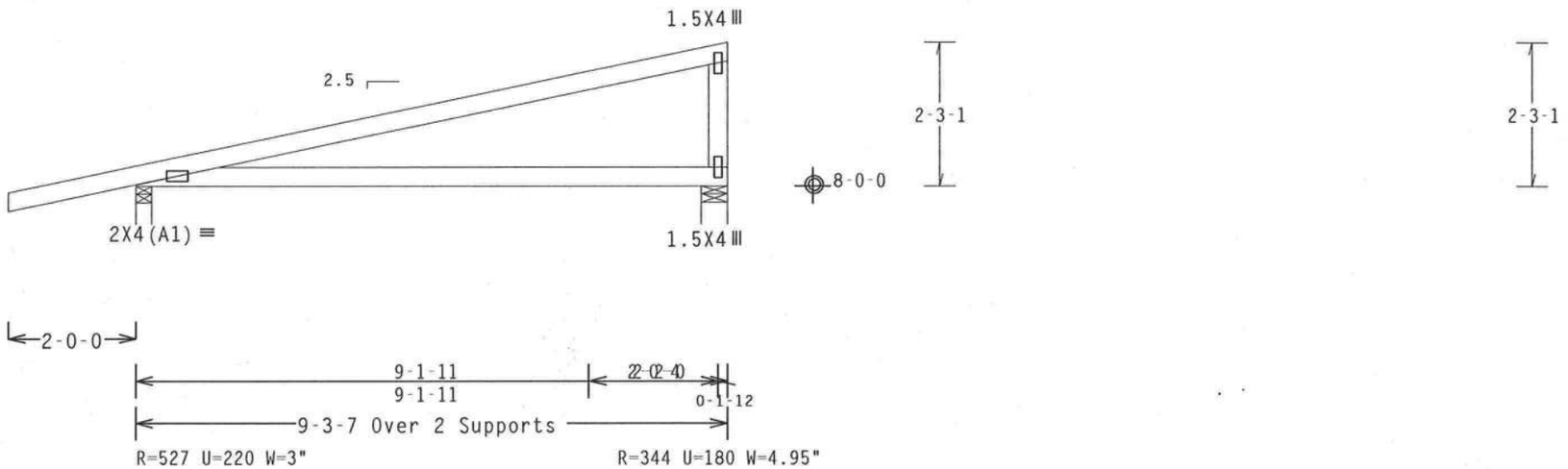
(5-389-JONATHON PERRY / BAKER - M1)

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, 9.08 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805.16 | QTY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 13 '05

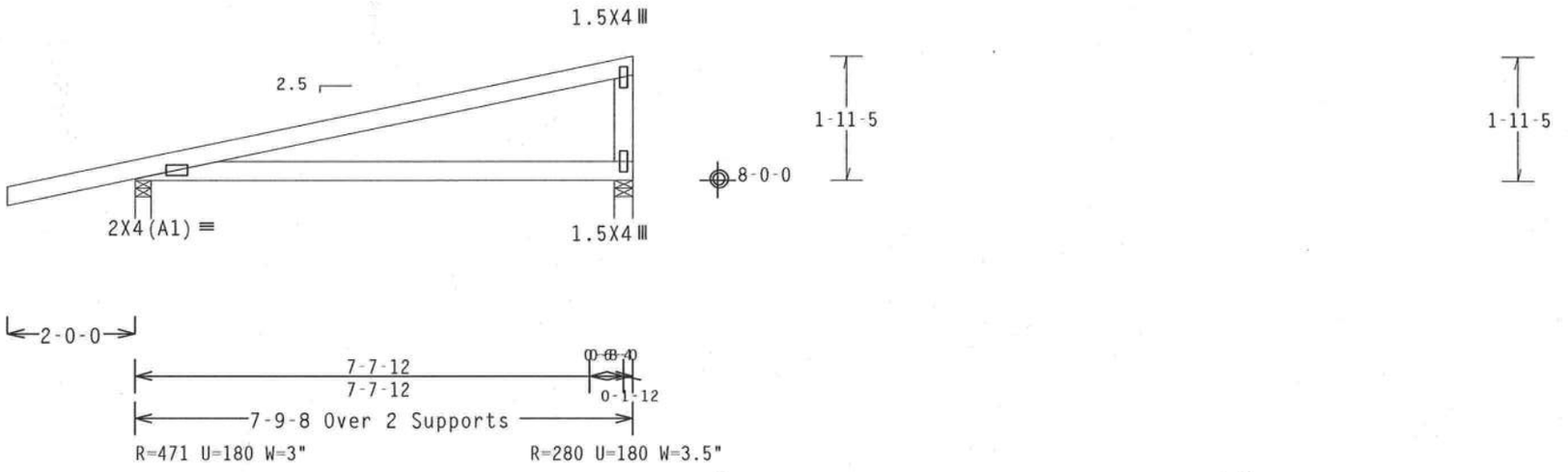
TC LL	20.0 PSF	REF R487-- 14832
TC DL	10.0 PSF	DATE 09/13/05
BC DL	10.0 PSF	DRW HCUSR487 05256021
BC LL	0.0 PSF	HC-ENG DF/AF *
TOT.LD.	40.0 PSF	SEQN- 4842
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1S0G487 703

(5-389-JONATHON PERRY / BAKER - M2)

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, 8.92 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.



PLT TYP. Wave TPI | Design Crit: TPI-1995(STD)/FBC | 7.04.0805 | QTY:5 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

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STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Sep 13 '05

TC LL	20.0 PSF	REF	R487-- 14833
TC DL	10.0 PSF	DATE	09/13/05
BC DL	10.0 PSF	DRW	HCUSR487 05256023
BC LL	0.0 PSF	HC-ENG	DF/AF *
TOT.LD.	40.0 PSF	SEQN-	4846
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1S06487 703

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	ALTERNATIVE 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.

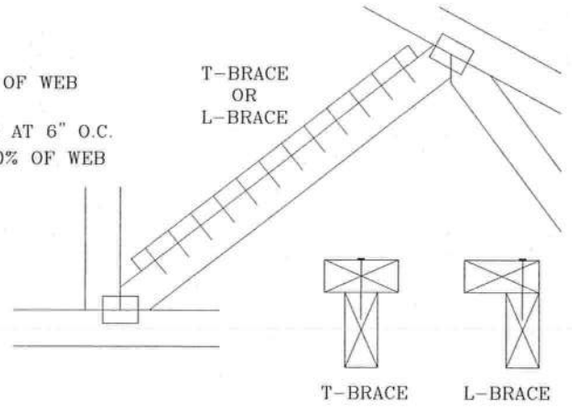
(*) CENTER SCAB ON WIDE FACE OF WEB. APPLY (1) SCAB TO EACH FACE OF WEB.

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

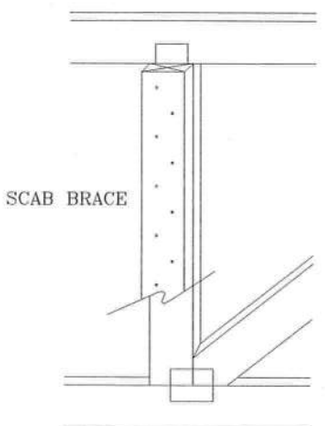


SCAB BRACING:

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



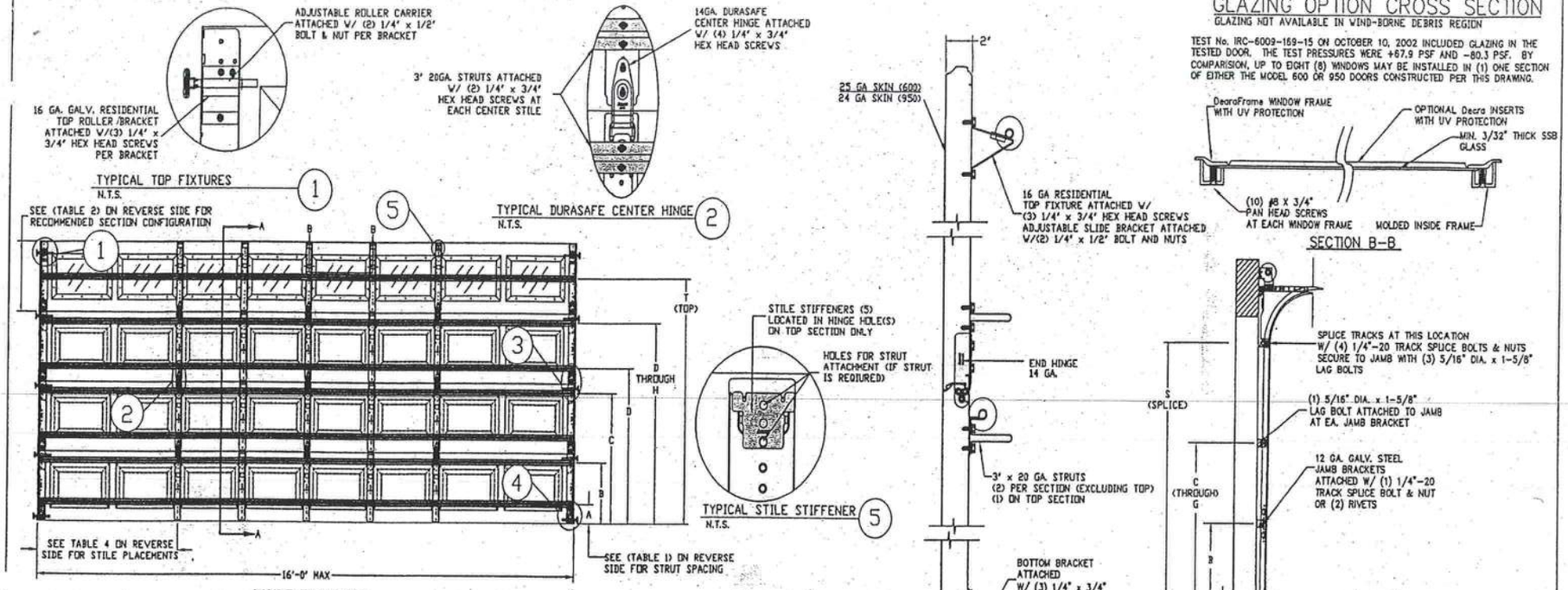
THIS DRAWING REPLACES DRAWING 579,640

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

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



GLAZING OPTION CROSS SECTION

GLAZING NOT AVAILABLE IN WIND-BORNE DEBRIS REGION

TEST No. IRC-6009-159-15 ON OCTOBER 10, 2002 INCLUDED GLAZING IN THE TESTED DOOR. THE TEST PRESSURES WERE +67.9 PSF AND -80.3 PSF. BY COMPARISION, UP TO EIGHT (8) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF EITHER THE MODEL 600 OR 950 DOORS CONSTRUCTED PER THIS DRAWING.

SECTION B-B

TRACK CONFIGURATION FOR 6'6" UP TO 14' TALL DOORS
N.T.S.

WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 120 MPH PEAK GUST; EXPOSURE B; 30' OR LESS MEAN ROOF HEIGHT

2 X 8 VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" X 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C. (1 1/2" EMBEDMENT)

2 X 8 VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWK BOLT 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET REDHEAD (TRU-BOLT) 3/8" X 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)

2 X 8 VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" X 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C. (1 1/4" EMBEDMENT)
ITW/RAMSET TAPCON 1/4" X 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" O.C.(1 1/4" EMBEDMENT)

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

SPECIFICATIONS AND NOTES

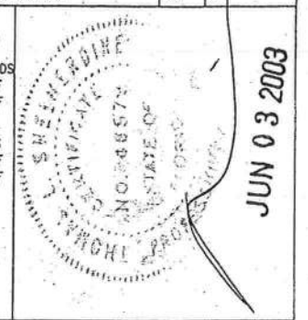
1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE VERTICAL TRACK, FROM THE TRACK THE LOAD IS TRANSFERRED TO THE VERTICAL JAMBS, THE HORIZONTAL JAMB OR HEADER RECEIVES NO PORTION OF THE LOAD TRANSFERRED FROM THE DOOR.
2. EACH VERTICAL JAMBS RECEIVES MAXIMUM DESIGN LOADS OF: +174.4 LBS/FT & -198.4 LBS/FT
3. DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASMA.
4. DOOR SECTIONS SHALL BE 25 GA. MIN. (.019") ROLLED FORMED LIGHT COMMERCIAL QUALITY, G-40 GALVANIZATION
5. SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTRED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
6. THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN DASMA 108, ASTM E330, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING ASCE 7-98 WITH THE FOLLOWING PARAMETERS:
   A. BASIC WIND SPEED OF 120 MPH (PEAK GUST)
   B. DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
   C. 30' OR LESS MEAN ROOF HEIGHT AT ANY SLOPE
   D. USE FACTOR OF 1.0
   E. EXPOSURE RATING OF B
7. REFER TO TABLES ON THE REVERSE SIDE FOR ADDITIONAL DOOR WIDTHS AND THEIR DESIGN PRESSURES

REV	DESCRIPTION OF REVISIONS	DATE	BY

MAX SIZE 16' x 14'

DESIGN LOADS +21.8 PSF -24.8 PSF

TEST LOADS +32.7 PSF -37.2 PSF



Amarr GARAGE DOORS
165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

MODEL #600 STRATFORD w/DuraSafe
MODEL 950 HERITAGE w/DuraSafe
Short Panel, Long Panel, and Flush Panel

SIZE	DRAWN BY	DATE	DRAWING NUMBER
B	CHECKED BY AAE	DATE 04/15/03	IRC-6016-120-15

ENGINEER: THOMAS L. SHUMEROVE P.E. LIC. No. 0048579 | SHEET 1 OF 1

TABLE 1

DOOR HEIGHT	STRUT SPACING (BASED ON RECOMMENDED SECTION CONFIGURATION)														TOP
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	T
6' 6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"									67 1/2"
7' 0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	46 1/2"	60 1/4"									73 1/2"
7' 6"	5 1/2"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	511/4"	58 1/2"	69 1/4"							81"
8' 0"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							85 1/2"
8' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"							91 1/2"
9' 0"	5 1/2"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	511/4"	58 1/2"	69 1/4"	76 1/2"	87 1/4"					99"
9' 6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"					103 1/2"
10' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	96 1/4"					109 1/2"
10' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"					115 1/2"
11' 0"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	97 1/2"	108 1/4"			121 1/2"
11' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	96 1/4"	103 1/2"	114 1/4"			127 1/2"
12' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"	109 1/2"	120 1/4"			133 1/2"
12'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	97 1/2"	108 1/4"	115 1/2"	126 1/4"	139 1/2"
13' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	96 1/4"	103 1/2"	114 1/4"	121 1/2"	132 1/4"	145 1/2"
13' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"	109 1/2"	120 1/4"	127 1/2"	138 1/4"	151 1/2"
14' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"	109 1/2"	123 1/4"	130 1/2"	144 1/4"	157 1/2"

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
11' 0"	21"	18"	18"	18"	18"	18"	21"	
10' 6"	21"	21"	21"	21"	21"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
9'6"	21"	18"	18"	18"	18"	21"		
9' 0"	18"	18"	18"	18"	18"	18"		
8' 6"	21"	21"	21"	18"	21"			
8' 0"	21"	18"	18"	18"	21"			
7' 6"	18"	18"	18"	18"	18"			
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	S
6' 6"	10"	38"	58"					170"
7'	10"	38"	58"					76"
7' 6"	4"	28"	52"	76"				82"
8'	10"	34"	58"	82"				88"
8' 6"	4"	28"	52"	76"				94"
9'	10"	34"	58"	82"				100"
9' 6"	4"	28"	52"	76"	100"			106"
10'	10"	34"	58"	82"	106"			112"
10' 6"	4"	28"	52"	76"	100"			118"
11'	10"	34"	58"	82"	106"			124"
11' 6"	4"	28"	52"	76"	100"	124"		130"
12'	10"	34"	58"	82"	106"	130"		136"
12'6"	4"	28"	52"	76"	100"	124"		142"
13'	10"	34"	58"	82"	106"	130"		148"
13' 6"	4"	28"	52"	76"	100"	124"	148	154"
14'	10"	34"	58"	82"	106"	130"	154"	160"

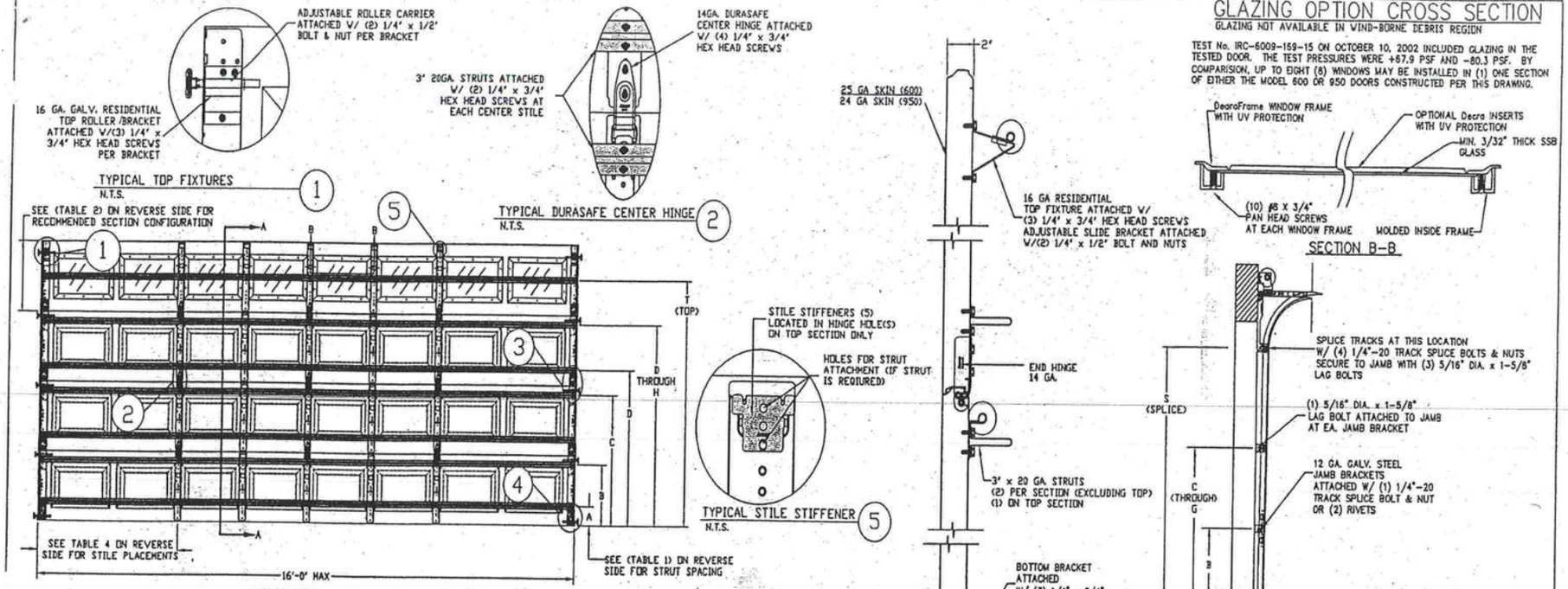
TABLE 4

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge)				
		1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)
10' 0	Short	48.406	71.594			
10' 0	Long	30.000	60.000	90.000		
12' 0	Short	48.812	72.000	96.364		
12' 0	Long	49.625	72.000	94.375		
12' 2	Short	49.636	73.000	96.364		
12' 2	Long	50.084	73.000	95.916		
12' 4	Short	50.636	74.000	97.364		
12' 4	Long	51.084	74.000	96.916		
12' 6	Short	50.670	75.000	99.330		
12' 6	Long	51.170	75.000	98.830		
12' 8	Short	51.670	76.000	100.330		
12' 8	Long	52.100	76.000	99.900		
12' 10	Short	52.250	77.000	101.750		
12' 10	Long	53.100	77.000	100.900		
13' 0	Short	53.000	78.000	103.000		
13' 0	Long	54.100	78.000	101.900		
13' 2	Short	54.000	79.000	104.000		
13' 2	Long	55.100	79.000	102.900		
13' 4	Short	54.400	80.000	105.600		
13' 4	Long	54.900	80.000	105.100		
13' 6	Short	55.400	81.000	106.600		
13' 6	Long	55.900	81.000	106.100		
13' 8	Short	56.400	82.000	107.600		
13' 8	Long	56.625	82.000	107.375		
13' 10	Short	57.163	82.938	108.713		
13' 10	Long	57.170	83.000	108.830		
14' 0	Short	57.763	83.938	110.113		
14' 0	Long	58.625	84.000	109.375		
14' 2	Short	58.846	84.938	111.413		
14' 2	Long	59.170	85.000	110.830		
14' 4	Short	59.163	85.938	112.713		
14' 4	Long	60.170	86.000	111.830		
14' 6	Short	59.863	86.938	114.013		
14' 6	Long	61.170	87.000	112.8300		
14' 8	Short	60.563	87.938	115.313		
14' 8	Long	44.812	^66.406	88.000	^109.594	131.188
14' 10	Short	61.263	88.938	116.613		
14' 10	Long	45.600	^67.300	89.000	^110.700	132.400
15' 0	Short	61.938	^75.938	89.938	^103.938	^117.938
15' 0	Long	46.600	^68.300	90.000	^111.700	133.400
15' 2	Short	62.663	^76.801	^90.938	^105.076	^119.213
15' 2	Long	47.600	^69.300	91.000	^112.700	134.400
15' 4	Short	53.600	79.200	104.800	130.400	
15' 4	Long	47.250	^69.625	92.000	^114.375	136.750
15' 6	Short	46.624	^69.812	^93.000	^116.188	^139.376
15' 6	Long	47.600	^70.300	93.000	^115.700	138.400
15' 8	Short	47.624	^70.812	^94.000	^117.188	^140.376
15' 8	Long	48.600	^71.300	94.000	^116.700	139.400
15' 10	Short	48.624	^71.812	^95.000	^118.188	^141.376
15' 10	Long	49.167	^72.084	95.000	^117.917	140.833
16' 0	Short	49.624	^72.812	^96.000	^119.188	^142.376
16' 0	Long	50.600	^73.300	96.000	^118.700	141.400

^ Stiles do not need to be hinged

TABLE 5

Section Width (ft)	Panel Type	Max Design Loads Allowed	
		Positive (PSF)	Negitive (PSF)
10' 0	Short	29.1	33.1
10' 0	Long	34.7	39.5
12' 0	Short	28.9	32.9
12' 0	Long	28.9	32.9
12' 2	Short	28.5	32.5
12' 2	Long	28.5	32.5
12' 4	Short	28.1	32.0
12' 4	Long	28.1	32.0
12' 6	Short	27.8	31.6
12' 6	Long	27.8	31.6
12' 8	Short	27.4	31.2
12' 8	Long	27.4	31.2
12' 10	Short	27.0	30.8
12' 10	Long	27.0	30.8
13' 0	Short	26.7	30.4
13' 0	Long	26.7	30.4
13' 2	Short	26.4	30.0
13' 2	Long	26.4	30.0
13' 4	Short	26.0	29.6
13' 4	Long	26.0	29.6
13' 6	Short	25.7	29.2
13' 6	Long	25.7	29.2
13' 8	Short	25.4	28.9
13' 8	Long	25.4	28.9
13' 10	Short	25.1	28.5
13' 10	Long	25.1	28.5
14' 0	Short	24.8	28.2
14' 0	Long	24.8	28.2
14' 2	Short	24.5	27.9
14' 2	Long	24.5	27.9
14' 4	Short	24.2	27.5
14' 4	Long	24.2	27.5
14' 6	Short	23.9	27.2
14' 6	Long	23.9	27.2
14' 8	Short	23.7	26.9
14' 8	Long	23.7	26.9
14' 10	Short	23.4	26.6
14' 10	Long	23.4	26.6
15' 0	Short	23.1	26.3
15' 0	Long	23.1	26.3
15' 2	Short	22.9	26.0
15' 2	Long	22.9	26.0
15' 4	Short	22.6	25.7
15' 4	Long	22.6	25.7
15' 6	Short	22.4	25.5
15' 6	Long	22.4	25.5
15' 8	Short	22.2	25.2
15' 8	Long	22.2	25.2
15' 10	Short	21.9	24.9
15' 10	Long	21.9	24.9
16' 0	Short	21.8	24.8
16' 0	Long	21.8	24.8



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HILTI KWIK BOLT 3/8" x 4" STARTING 6" FROM ENDS THEN 24" O.C. (2 1/2" EMBEDMENT)
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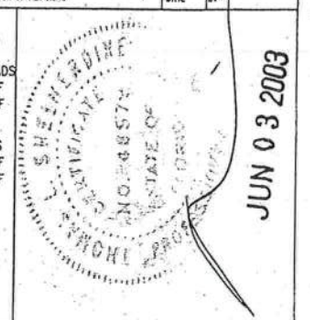

JUN 03 2003

Amarr GARAGE DOORS

165 CARRIAGE COURT WINSTON-SALEM, N.C. 27105

MODEL #600 STRATFORD w/DuraSafe
MODEL 950 HERITAGE w/DuraSafe
Short Panel, Long Panel, and Flush Panel

SIZE	DRAWN BY	DLJ	DATE	04/15/03	DRAWING NUMBER
B	CHECKED BY	AAE	DATE	04/15/03	IRC-6016-120-15

ENGINEER: THOMAS L. SHUMBRONE P.E. LIC. No. 0048579 — SHEET 1 OF 1

TABLE 1

DOOR HEIGHT	STRUT SPACING (BASED ON RECOMMENDED SECTION CONFIGURATION)														TOP
	A	B	C	D	E	F	G	H	I	J	K.	L	M	N	T
6' 6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"									67 1/2"
7' 0"	5 1/2"	18 1/4"	25 1/2"	33 1/4"	45 1/2"	60 1/4"									73 1/2"
7' 6"	5 1/2"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"							81"
8' 0"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"							85 1/2"
8' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"							91 1/2"
9' 0"	5 1/2"	15 1/4"	22 1/2"	33 1/4"	40 1/2"	51 1/4"	58 1/2"	69 1/4"	76 1/2"	87 1/4"					99"
9' 6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"					103 1/2"
10' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	96 1/4"					109 1/2"
10' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"					115 1/2"
11' 0"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	97 1/2"	108 1/4"			121 1/2"
11' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	96 1/4"	103 1/2"	114 1/4"			127 1/2"
12' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"	109 1/2"	120 1/4"			133 1/2"
12'6"	5 1/2"	18 1/4"	25 1/2"	36 1/4"	43 1/2"	54 1/4"	61 1/2"	72 1/4"	79 1/2"	90 1/4"	97 1/2"	108 1/4"	115 1/2"	126 1/4"	139 1/2"
13' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	78 1/4"	85 1/2"	96 1/4"	103 1/2"	114 1/4"	121 1/2"	132 1/4"	145 1/2"
13' 6"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"	109 1/2"	120 1/4"	127 1/2"	138 1/4"	151 1/2"
14' 0"	5 1/2"	18 1/4"	25 1/2"	39 1/4"	46 1/2"	60 1/4"	67 1/2"	81 1/4"	88 1/2"	102 1/4"	109 1/2"	123 1/4"	130 1/2"	144 1/4"	157 1/2"

TABLE 2

DOOR HEIGHT	SECTION HEIGHTS							
	Btm	#2	#3	#4	#5	#6	#7	#8
14' 0"	21"	21"	21"	21"	21"	21"	21"	21"
13' 6"	21"	21"	21"	21"	21"	18"	18"	21"
13' 0"	21"	21"	21"	18"	18"	18"	18"	21"
12' 6"	21"	18"	18"	18"	18"	18"	18"	21"
12' 0"	21"	21"	21"	21"	21"	18"	21"	
11' 6"	21"	21"	21"	18"	18"	18"	21"	
11' 0"	21"	18"	18"	18"	18"	18"	21"	
10' 6"	21"	21"	21"	21"	21"	21"		
10' 0"	21"	21"	21"	18"	18"	21"		
9'6"	21"	18"	18"	18"	18"	21"		
9' 0"	18"	18"	18"	18"	18"	18"		
8' 6"	21"	21"	21"	18"	21"			
8' 0"	21"	18"	18"	18"	21"			
7' 6"	18"	18"	18"	18"	18"			
7' 0"	21"	21"	21"	21"				
6' 6"	21"	18"	18"	21"				

TABLE 3

DOOR HEIGHT	TRACK ATTACHMENT							SPLICE
	A	B	C	D	E	F	G	S
6' 6"	10"	38"	58"					70"
7'	10"	38"	58"					76"
7' 6"	4"	28"	52"	76"				82"
8'	10"	34"	58"	82"				88"
8' 6"	4"	28"	52"	76"				94"
9'	10"	34"	58"	82"				100"
9' 6"	4"	28"	52"	76"	100"			106"
10'	10"	34"	58"	82"	106"			112"
10' 6"	4"	28"	52"	76"	100"			118"
11'	10"	34"	58"	82"	106"			124"
11' 6"	4"	28"	52"	76"	100"	124"		130"
12'	10"	34"	58"	82"	106"	130"		136"
12'6"	4"	28"	52"	76"	100"	124"		142"
13'	10"	34"	58"	82"	106"	130"		148"
13' 6"	4"	28"	52"	76"	100"	124"	148"	154"
14'	10"	34"	58"	82"	106"	130"	154"	160"

TABLE 4

Section Width (ft)	Panel Type	Center Stile Locations (Measured from Left Edge)				
		1st (in)	2st (in)	3rd (in)	4th (in)	5th (in)
10' 0	Short	48.406	71.594			
10' 0	Long	30.000	60.000	90.000		
12' 0	Short	48.812	72.000	96.364		
12' 0	Long	49.625	72.000	94.375		
12' 2	Short	49.636	73.000	96.364		
12' 2	Long	50.084	73.000	95.916		
12' 4	Short	50.636	74.000	97.364		
12' 4	Long	51.084	74.000	96.916		
12' 6	Short	50.670	75.000	99.330		
12' 6	Long	51.170	75.000	98.830		
12' 8	Short	51.670	76.000	100.330		
12' 8	Long	52.100	76.000	99.900		
12' 10	Short	52.250	77.000	101.750		
12' 10	Long	53.100	77.000	100.900		
13' 0	Short	53.000	78.000	103.000		
13' 0	Long	54.100	78.000	101.900		
13' 2	Short	54.000	79.000	104.000		
13' 2	Long	55.100	79.000	102.900		
13' 4	Short	54.400	80.000	105.600		
13' 4	Long	54.900	80.000	105.100		
13' 6	Short	55.400	81.000	106.600		
13' 6	Long	55.900	81.000	106.100		
13' 8	Short	56.400	82.000	107.600		
13' 8	Long	56.625	82.000	107.375		
13' 10	Short	57.163	82.938	108.713		
13' 10	Long	57.170	83.000	108.830		
14' 0	Short	57.763	83.938	110.138		
14' 0	Long	58.625	84.000	109.375		
14' 2	Short	58.846	84.938	111.413		
14' 2	Long	59.170	85.000	110.830		
14' 4	Short	59.163	85.938	112.713		
14' 4	Long	60.170	86.000	111.830		
14' 6	Short	59.863	86.938	114.013		
14' 6	Long	61.170	87.000	112.8300		
14' 8	Short	60.563	87.938	115.313		
14' 8	Long	44.812	^66.406	88.000	^109.594	131.188
14' 10	Short	61.263	88.938	116.613		
14' 10	Long	45.600	^67.300	89.000	^110.700	132.400
15' 0	Short	61.938	^75.938	89.938	^103.938	117.938
15' 0	Long	46.600	^68.300	90.000	^111.700	133.400
15' 2	Short	62.663	^76.801	90.938	^105.076	119.213
15' 2	Long	47.600	^69.300	91.000	^112.700	134.400
15' 4	Short	53.600	79.200	104.800	130.400	
15' 4	Long	47.250	^69.625	92.000	^114.375	136.750
15' 6	Short	46.624	^69.812	93.000	^116.188	139.376
15' 6	Long	47.600	^70.300	93.000	^115.700	138.400
15' 8	Short	47.624	^70.812	94.000	^117.188	140.376
15' 8	Long	48.600	^71.300	94.000	^116.700	139.400
15' 10	Short	48.624	^71.812	95.000	^118.188	141.376
15' 10	Long	49.167	^72.084	95.000	^117.917	140.833
16' 0	Short	49.624	^72.812	96.000	^119.188	142.376
16' 0	Long	50.600	^73.300	96.000	^118.700	141.400

^ Stiles do not need to be hinged

TABLE 5

Section Width (ft)	Panel Type	Max Design Loads Allowed	
		Positive (PSF)	Negitive (PSF)
10' 0	Short	29.1	33.1
10' 0	Long	34.7	39.5
12' 0	Short	28.9	32.9
12' 0	Long	28.9	32.9
12' 2	Short	28.5	32.5
12' 2	Long	28.5	32.5
12' 4	Short	28.1	32.0
12' 4	Long	28.1	32.0
12' 6	Short	27.8	31.6
12' 6	Long	27.8	31.6
12' 8	Short	27.4	31.2
12' 8	Long	27.4	31.2
12' 10	Short	27.0	30.8
12' 10	Long	27.0	30.8
13' 0	Short	26.7	30.4
13' 0	Long	26.7	30.4
13' 2	Short	26.4	30.0
13' 2	Long	26.4	30.0
13' 4	Short	26.0	29.6
13' 4	Long	26.0	29.6
13' 6	Short	25.7	29.2
13' 6	Long	25.7	29.2
13' 8	Short	25.4	28.9
13' 8	Long	25.4	28.9
13' 10	Short	25.1	28.5
13' 10	Long	25.1	28.5
14' 0	Short	24.8	28.2
14' 0	Long	24.8	28.2
14' 2	Short	24.5	27.9
14' 2	Long	24.5	27.9
14' 4	Short	24.2	27.5
14' 4	Long	24.2	27.5
14' 6	Short	23.9	27.2
14' 6	Long	23.9	27.2
14' 8	Short	23.7	26.9
14' 8	Long	23.7	26.9
14' 10	Short	23.4	26.6
14' 10	Long	23.4	26.6
15' 0	Short	23.1	26.3
15' 0	Long	23.1	26.3
15' 2	Short	22.9	26.0
15' 2	Long	22.9	26.0
15' 4	Short	22.6	25.7
15' 4	Long	22.6	25.7
15' 6	Short	22.4	25.5
15' 6	Long	22.4	25.5
15' 8	Short	22.2	25.2
15' 8	Long	22.2	25.2
15' 10	Short	21.9	24.9
15' 10	Long	21.9	24.9
16' 0	Short	21.8	24.8
16' 0	Long	21.8	24.8

ELK

**PRESTIQUE®
HIGH DEFINITION®**

RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13¼"x 39⅜"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	11

50-year limited warranty period: *non-prorated coverage for* shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited *warranty period; 5-year limited* wind warranty*.

Prestique I *High Definition*

Product size	13¼"x 39⅜"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	14

40-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.

Prestique *High Definition*

Product size	13¼"x 38⅝"
Exposure	5⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited warranty period; 5-year limited wind warranty*.

Raised Profile

Product size	13¼"x 38⅝"
Exposure	6⅝"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
Squares/Pallet	16

30-year limited warranty period: non-prorated coverage for shingles and application labor for the initial 5 years, plus an option for transferability*; prorated coverage for application labor and shingles for balance of limited *warranty period; 5-year limited* wind warranty*.

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/*FLX*™

Size: 12"x 12"
Exposure: 6⅝"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Elk Starter Strip

52 Bundles/Pallet
16 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shakewood, Sablewood, Hickory, Barkwood**, Forest Green, Wedgewood**, Birchwood**, Sandalwood. Gallery Collection: Balsam Forest**, Weathered Sage**, Sienna Sunset**.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not *available in Sablewood.*

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

***See actual limited warranty for conditions and limitations.**
****Check for product availability.**

SPECIFICATIONS

SCOPE: *Work includes furnishing all labor, materials and* equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula *FLX*.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

PREPARATION OF ROOF DECK: Roof deck to be dry, well-

MATERIALS: *Underlayment for standard roof slopes, 4" per* foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For low slopes [4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)], use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

ELK

PRESTIQUE®
HIGH DEFINITION®

RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size	13¼"x 39⅜"
Exposure	5⅝"
Pieces/Bundle	16
Bundles/Square	4/98.5 sq.ft.
Squares/Pallet	11

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Raised Profile

Product size	13¼"x 38¾"
Exposure	6¼"
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Squares/Pallet	16

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Prestique I *High Definition*

Product size	13¼"x 39¾"
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Exposure: 6⅛"
Pieces/Bundle: 45
Coverage: 4 Bundles = 100 linear feet

Prestique *High Definition*

Product size	13¼"x 38¾"
Exposure	5¼"
Pieces/Bundle	22
Bundles/Square	3/100 sq.ft.
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warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

Maggie

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000000859

DATE: 10/24/2005 BUILDING PERMIT NO. 23759

APPLICANT JONATHAN PERRY PHONE 719-7192

ADDRESS 373 OLD MILL DR LAKE CITY FL 32024

OWNER GEORGE BAKER PHONE 754-1846

ADDRESS 331 SE EVA TERR LAKE CITY FL 32025

CONTRACTOR JONATHAN PERRY PHONE 719-7192

LOCATION OF PROPERTY 247, L 242, R EVE TERR, ON LEFT SEE CONSTRUCTION SIGN

SUBDIVISION/LOT/BLOCK/PHASE/UNIT

PARCEL ID # 28-4S-16-03234-002

I HEREBY CERTIFY THAT I UNDERSTAND AND WILL FULLY COMPLY WITH THE DECISION OF THE COLUMBIA COUNTY PUBLIC WORKS DEPARTMENT IN CONNECTION WITH THE HEREIN PROPOSED APPLICATION.

SIGNATURE:

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

I HEREBY CERTIFY THAT I HAVE EXAMINED THIS APPLICATION AND DETERMINED THAT THE CULVERT WAIVER IS:

_____ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: PRIVATE ROAD

SIGNED: DATE: 10/27/05

ANY QUESTIONS PLEASE CONTACT THE PUBLIC WORKS DEPARTMENT AT 386-752-5955.

COLUMBIA COUNTY
OCT 2 6 2005
PUBLIC WORKS DEPT.

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Phone: 386-758-1008 Fax: 386-758-2160

COLUMBIA COUNTY · GATEWAY TO FLORIDA

CERTIFICATE OF

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 28-4S-16-03234-002 Building permit No. 000023759

Use Classification SFD,UTILITY Fire: 47.36

Permit Holder JOHNATHAN PERRY Waste: 98.00

Owner of Building GEORGE BAKER Total: 145.36

Location: 331 SE EVA TERR., LAKE CITY, FL

Date: 02/16/2006

COLUMBIA COUNTY GATEWAY TO FLORIDA

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

237~~95~~ 59

CORPORATE HEADQUARTERS:
P.O. BOX 5369
116 N.W. 16TH AVENUE
GAINESVILLE, FL 32602-5369
(352) 376-2661
FAX (352) 376-2791

FOUNDED 1949

FLORIDA PEST CONTROL & CHEMICAL CO. Since 1949

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

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

11754

TERMITE TREATMENT CERTIFICATION

Owner: George Baker	Permit Number: 2873
Lot:	Block:
Subdivision:	Street Address: 331 SE Eva Terrace
City: Lake City	County: Columbia
General Contractor: Jonathan Perry Construction	Area Treated:
Date: 12/29/05	Time: 4:00
Name of applicator: James D Parker	Applicator ID Number: JE255238
Product Used: Active Ingredient: % Concentration: Bora-Care: Disodium Octaborate Tetrahydrate: 23.0%	Number of gallons used: 5
Method of termite prevention treatment: Wood Treatment	

The building has received a complete treatment for the prevention of subterranean termites. Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.

This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY

Warranty and Treatment Certifications Have Been Issued.

Authorized Signature	Date
Kathi Schmidt Davi	12-29-05

BRANCHES:

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

Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 10-26-05 # 23759

331 SE Eva Terrace Lake City, Columbia

(Address of Treatment or Lot/Block of Treatment) City

Florida Pest Control & Chemical Co.

www.flapest.com

Product to be used: Bora-Care Termiticide (Wood Treatment)

Chemical to be used: 23% Disodium Octaborate Tetrahydrate

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1861.1.8

(Information to be provided to local building code offices prior to concrete foundation installation.)

6/04 ©

Notice of Treatment 11754

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)
Address: BAYA HWY
City LC Phone 752-1703

Site Location: Subdivision
Lot # Block# Permit # 23759
Address 331 SE Eva Terrace

Product used	Active Ingredient	% Concentration
☐ Premise	Imidacloprid	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
Dwelling	2873	730	5

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 ________.

12/29/05 1600 Gunny F254
Date Time Print Technician's Name

Remarks: ________

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©