DATE 08/14/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000024866

APPLICANT NATHAN PETERSEN PHONE 386.623.3307

ADDRESS 777 SW BOYETTE TERRACE LAKE CITY FL 32025

OWNER H&M CONSTRUCTION CORP. PHONE

ADDRESS 176 SW ARROW GLEN LAKE CITY FL 32024

CONTRACTOR NATHAN PETERSEN PHONE 386.623.3307

LOCATION OF PROPERTY 47-S TO C-242,TR TO ARROW HEAD,TR GO TO CANNON CREEK PALCE S TO ARROW GLEN,TL GO TO END OF CUL-DE-SAC ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 87300.00

HEATED FLOOR AREA 1746.00 TOTAL AREA 2368.00 HEIGHT 22.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

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

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

PARCEL ID 24-4S-16-03114-112 SUBDIVISION CANNON CREEK PLACE

LOT 12 BLOCK PHASE UNIT TOTAL ACRES 0.60

00001186		CRC1328397	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
WAIVER	06-0694-N	BLK	JTH
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance

New Resident

COMMENTS: PLAT REQUIRES 1ST. FLOOR TO BE @ 101.0'. ELEVATION LETTER REQUIRED BEFORE SLAB.

Check # or Cash 2953

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by

Foundation _____ date/app. by

Monolithic _____ date/app. by

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

Slab _____ date/app. by

Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by

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

Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by

Peri. beam (Lintel) _____ date/app. by

Permanent power _____ date/app. by

C.O. Final _____ date/app. by

Culvert _____ date/app. by

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

Pool _____ date/app. by

Reconnection _____ date/app. by

Pump pole _____ date/app. by

Utility Pole _____ date/app. by

M/H Pole _____ date/app. by

Travel Trailer _____ date/app. by

Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 440.00 CERTIFICATION FEE $ 11.84 SURCHARGE FEE $ 11.84

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 538.68

INSPECTORS OFFICE CH CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

left message 8/2/06

For Office Use Only Application # 060778 Date Received 7/28 By JW Permit # 11866 / 24866

Application Approved by - Zoning Official BLK Date 08-08-06 Plans Examiner OKJTH Date 8-1-06

Flood Zone X per plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den.

Comments NOC ~~Need~~ ~~Ex. Well~~ ~~Use Plan~~ Plat Requires 1st Floor to be at 101.0'

- Elevation Letter Required before SLAB * CK# - 2954 - (BP 2953)

Applicants Name NATHAN PETTERSEN Phone 623-3307

Address 727 SW BOYETTE TER LAKE CITY FL 32024

Owners Name RAYMOND SLATE H+M Construction Phone

911 Address 196 SW ARROW GLN; L.C. SECTION 24 / TOWNSHIP 4 / RANGE 16 EAST

Contractors Name NATHAN PETTERSEN Phone 623-3307

Address 727 SW BOYETTE TERRACE LAKE CITY, FL 32024

Fee Simple Owner Name & Address —

Bonding Co. Name & Address —

Architect/Engineer Name & Address DDS STUDIOS 197 SW WATERSCRD CT LAKE CITY, FL 32025

Mortgage Lenders Name & Address COLUMBIA COUNTY BANK P.O. BOX 1609 LAKE CITY, FL 320

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

Property ID Number 24-4S16-03114-112 Estimated Cost of Construction 139,000

Subdivision Name CANNON CREEK PLACE Lot 12 Block ____ Unit ____ Phase ____

Driving Directions HWY 47 SOUTH TO 242 TURN RIGHT GO TO ARROW HEAD TURN RIGHT GO TO CANNON CREEK PLACE TURN LEFT GO TO 2ND RD TURN LEFT (ARROW Glen) End of Cul-de-sac on right.

Type of Construction NEW HOME. Number of Existing Dwellings on Property 0

Total Acreage .16 AC Lot Size .16 AC Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 70'+ Side 40' Side 40' Rear 30+

Total Building Height 22' Number of Stories 1 Heated Floor Area 1785 (1746 + 30 + 50) Roof Pitch 7/12

Porch 168 Garage 454 TOTAL 2368

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 CRC 1328397

Competency Card Number

NOTARY STAMP/SEAL

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 28 day of July 2006.

Personally known ✓ or Produced Identification ____

ANDREW W TY... MY COMMISSION # D... EXPIRES: Aug. 3... Florida Notary Service

Notary Signature

ATS# 15112

Prepared by:
Michael H. Harrell
Abstract & Title Services, Inc.
283 NW Cole Terrace
Lake City, Florida 32055

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 22nd day of August, 20

Inst:2005021133 Date:08/30/2005 Time:15:10
Doc Stamp-Deed : 3276.00
MK DC,P.DeWitt Cason,Columbia County B:1056 P:2031

Peter W. Giebeig, A Single Person

hereinafter called the grantor, to

H & M Construction Corporation, a Florida Corporation

whose post office address is: 10155 Collins Ave., Ste. 1004, Bal Harbour, FL 33154
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz:, Parcel ID# subdivision

Lots 3, 4, 5, 9, 10, 12, 13, 20, 21, 29, 30, and 31, of Cannon Creek Place, a [redacted] according to the plat thereof recorded in Plat Book 8, Pages 31-34, of the Public Records of Columbia County, Florida.

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

TO HAVE AND TO HOLD, the same in fee simple forever.

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

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Megan Marable
Witness Megan Marable

Peter W. Giebeig
Peter W. Giebeig

Traci Landry
Witness TRACI LANDRY

STATE OF FLORIDA
COUNTY OF SUWANNEE

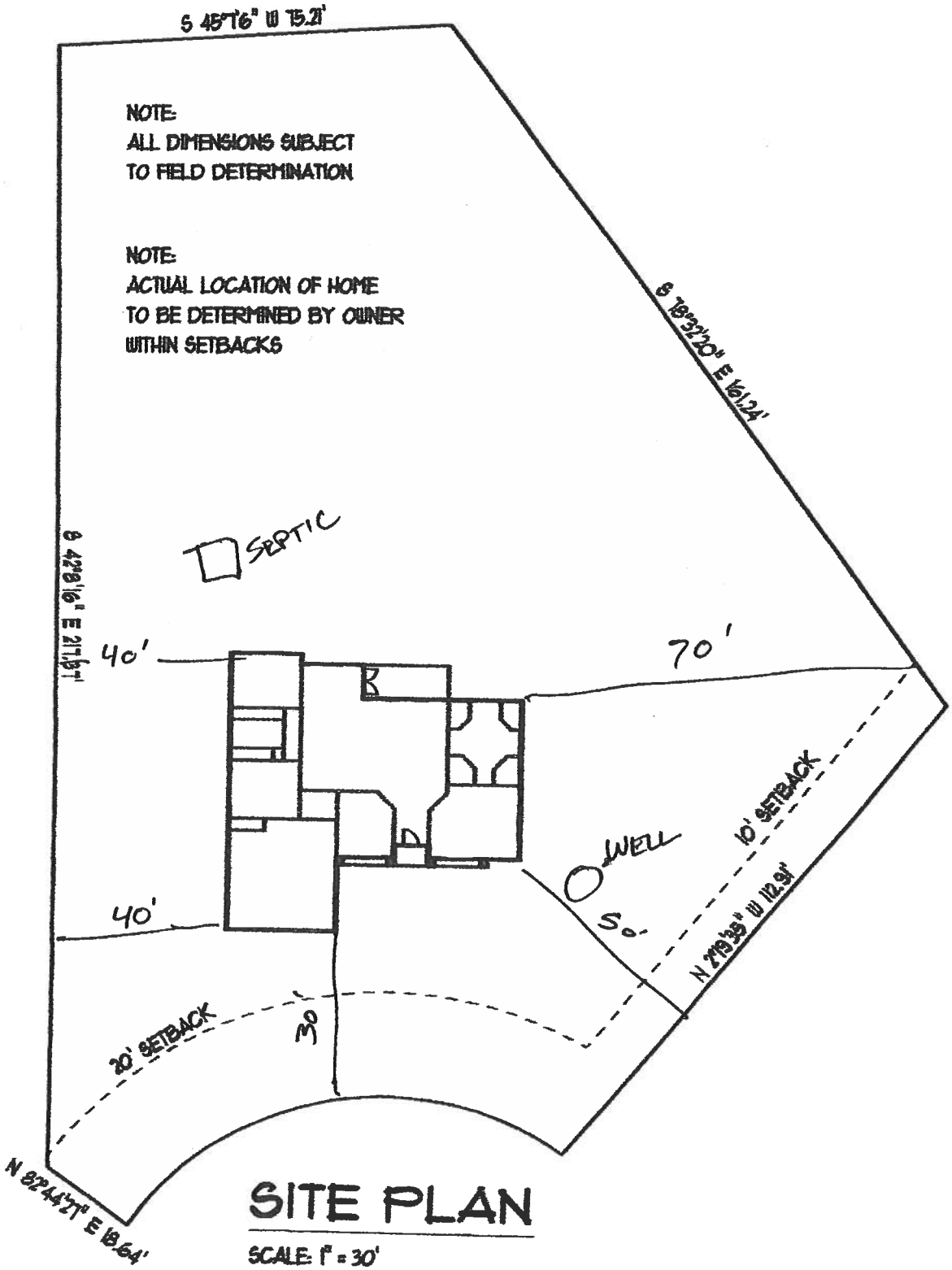
The foregoing instrument was acknowledged before ~~me this 22nd day of~~ August, 2005 by Peter W. Giebeig, A Single Person personally known to me or, if not personally known to me, who produced Driver's License No._____ for identification and ~~who~~ did not take an oath.

(SEAL)

Megan M. Marable
Notary Public

MEGAN M MARABLE
MY COMMISSION # DD412865
EXPIRES: Mar. 30, 2009
(407) 398-0153 Florida Notary Service.com

My Commission Expires:



SITE PLAN

SCALE: 1" = 30'

CANNON CREEK PLACE/LOT# 12
/SECTION 24/TOWNSHIP 4 SOUTH/RANGE
16 EAST/COLUMBIA COUNTY, FLORIDA

FORM 600A-2004 EnergyGauge® 4.21

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	NATHAN III - LOT 12, CC	Builder:	EWPL Inc
Address:	Lot: 12, Sub: CANNON CREEK, Plat:	Permitting Office:	Columbia
City, State:	Lake City, FL 32024-	Permit Number:	24866
Owner:	H&M Construction	Jurisdiction Number:	222000
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?	Yes	
6. Conditioned floor area (ft²)	1746 ft²	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a. U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 306.5 ft²	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 306.5 ft²	
8. Floor types		
a. Slab-On-Grade Edge Insulation	R=0.0, 194.0(p) ft	
b. N/A		
c. N/A		
9. Wall types		
a. Frame, Wood, Exterior	R=13.0, 1556.0 ft²	
b. Frame, Wood, Adjacent	R=13.0, 216.0 ft²	
c. N/A		
d. N/A		
e. N/A		
10. Ceiling types		
a. Under Attic	R=30.0, 1746.0 ft²	
b. N/A		
c. N/A		
11. Ducts		
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 130.0 ft	
b. N/A		

12. Cooling systems		
a. Central Unit	Cap: 36.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 36.0 kBtu/hr	
	HSPF: 7.20	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 50.0 gallons	
	EF: 0.92	
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: 0.18

Total as-built points: 24809

Total base points: 27385

PASS

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

PREPARED BY: _____

DATE: 7-13-06

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: CANNON CREEK, Plat: , Lake City, FL, 32024-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: CANNON CREEK, Plat: , Lake City, FL, 32024-** 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		2635.00	7905.0	50.0	0.92	3	1.00	2635.00	1.00	7905.0	
				As-Built Total:						**7905.0**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
9816	**9664**	**7905**	**27385**	**6280**	**10624**	**7905**	**24809**

PASS

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: CANNON CREEK, Plat: , Lake City, FL, 32024-** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**15403.7**	**Winter As-Built Points:**					**20317.0**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 36000 btuh ,EFF(7.2) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
			20317.0	1.000	(1.069 x 1.169 x 0.93)	0.474	0.950	10623.8
15403.7	**0.6274**	**9664.3**	**20317.0**	**1.00**	**1.162**	**0.474**	**0.950**	**10623.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: CANNON CREEK, Plat: , Lake City, FL, 32024-** 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	1746.0	12.74	4003.9	Double, Clear	N	1.5	7.5	74.7	24.58	1.00	1837.3
				Double, Clear	N	8.0	4.0	12.5	24.58	1.03	314.9
				Double, Clear	W	1.5	5.5	30.0	20.73	1.03	639.3
				Double, Clear	S	1.5	8.0	42.0	13.30	1.04	581.4
				Double, Clear	S	11.0	8.0	63.0	13.30	3.18	2664.7
				Double, Clear	S	1.5	5.0	16.0	13.30	1.20	254.7
				Double, Clear	E	1.5	7.5	23.3	18.79	1.02	448.6
				Double, Clear	E	1.5	2.0	15.0	18.79	1.21	341.5
				Double, Clear	S	1.5	6.0	30.0	13.30	1.12	445.8
				As-Built Total:				**306.5**			**7528.3**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Exterior	1556.0	3.70	5757.2	Frame, Wood, Exterior	13.0	1556.0	3.40	5290.4
Adjacent	216.0	3.60	777.6	Frame, Wood, Adjacent	13.0	216.0	3.30	712.8
Base Total:	**1772.0**		**6534.8**	**As-Built Total:**		**1772.0**		**6003.2**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Exterior	53.0	8.40	445.2	Exterior Insulated	33.0	8.40	277.2
Adjacent	18.0	8.00	144.0	Exterior Insulated	20.0	8.40	168.0
				Adjacent Insulated	18.0	8.00	144.0
Base Total:	**71.0**		**589.2**	**As-Built Total:**	**71.0**		**589.2**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	1746.0	2.05	3579.3	Under Attic	30.0	1746.0	2.05 X	1.00	3579.3
Base Total:	**1746.0**		**3579.3**	**As-Built Total:**		**1746.0**			**3579.3**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	194.0(p)	8.9	1726.6	Slab-On-Grade Edge Insulation	0.0	194.0(p	18.80	3647.2
Raised	0.0	0.00	0.0					
Base Total:			**1726.6**	**As-Built Total:**		**194.0**		**3647.2**

INFILTRATION	Area X	BWPM	= Points	Area X	WPM	= Points
	1746.0	-0.59	-1030.1	1746.0	-0.59	-1030.1

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: CANNON CREEK, Plat: , Lake City, FL, 32024-** PERMIT #:

BASE			AS-BUILT						
Summer Base Points: 23009.9			**Summer As-Built Points:**						**23296.7**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
			(sys 1: Central Unit 36000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
			23297	1.00	(1.09 x 1.147 x 0.91)	0.263	0.902		6280.1
23009.9	**0.4266**	**9816.0**	**23296.7**	**1.00**	**1.138**	**0.263**	**0.902**		**6280.1**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 12, Sub: CANNON CREEK, Plat: , Lake City, FL, 32024-** 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	1746.0	20.04	6298.2	Double, Clear	N	1.5	7.5	74.7	19.20	0.96	1378.5
				Double, Clear	N	8.0	4.0	12.5	19.20	0.62	149.6
				Double, Clear	W	1.5	5.5	30.0	38.52	0.90	1036.6
				Double, Clear	S	1.5	8.0	42.0	35.87	0.92	1390.8
				Double, Clear	S	11.0	8.0	63.0	35.87	0.48	1087.6
				Double, Clear	S	1.5	5.0	16.0	35.87	0.81	463.1
				Double, Clear	E	1.5	7.5	23.3	42.06	0.95	931.0
				Double, Clear	E	1.5	2.0	15.0	42.06	0.59	374.1
				Double, Clear	S	1.5	6.0	30.0	35.87	0.86	921.2
				As-Built Total:				**306.5**			**7732.5**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Exterior	1556.0	1.70	2645.2	Frame, Wood, Exterior	13.0	1556.0	1.50	2334.0
Adjacent	216.0	0.70	151.2	Frame, Wood, Adjacent	13.0	216.0	0.60	129.6
Base Total:	**1772.0**		**2796.4**	**As-Built Total:**		**1772.0**		**2463.6**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Exterior	53.0	4.10	217.3	Exterior Insulated	33.0	4.10	135.3
Adjacent	18.0	1.60	28.8	Exterior Insulated	20.0	4.10	82.0
				Adjacent Insulated	18.0	1.60	28.8
Base Total:	**71.0**		**246.1**	**As-Built Total:**	**71.0**		**246.1**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	1746.0	1.73	3020.6	Under Attic	30.0	1746.0	1.73 X 1.00	3020.6
Base Total:	**1746.0**		**3020.6**	**As-Built Total:**		**1746.0**		**3020.6**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	194.0(p)	-37.0	-7178.0	Slab-On-Grade Edge Insulation	0.0	194.0(p	-41.20	-7992.8
Raised	0.0	0.00	0.0					
Base Total:			**-7178.0**	**As-Built Total:**		**194.0**		**-7992.8**

INFILTRATION	Area X	BSPM	= Points		Area X	SPM	= Points
	1746.0	10.21	17826.7		1746.0	10.21	17826.7

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.0

The higher the score, the more efficient the home.

H&M Construction, Lot: 12, Sub: CANNON CREEK, Plat: , Lake City, FL, 32024-

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?	Yes	
6.	Conditioned floor area (ft²)	1746 ft²	
7.	Glass type [1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 306.5 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 306.5 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 194.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 1556.0 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 216.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 1746.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 130.0 ft	
b.	N/A		
12.	Cooling systems		
a.	Central Unit	Cap: 36.0 kBtu/hr SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 36.0 kBtu/hr HSPF: 7.20	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons EF: 0.92	
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,	

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

Builder Signature: _____ Date: _____

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

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

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

Florida Department of State, Division of Corporations

Corporations Online

www.sunbiz.org Public Inquiry

Florida Profit

H & M CONSTRUCTION CORPORATION

PRINCIPAL ADDRESS
10155 COLLINS AVE
STE 1004
BALL HARBOUR FL 33154 US
Changed 04/07/1994

MAILING ADDRESS
10155 COLLINS AVENUE
SUITE 1004
BAL HARBOUR FL 33154 US
Changed 06/10/1993

Document Number	FEI Number	Date Filed
L60427	650181494	03/19/1990
State	**Status**	**Effective Date**
FL	ACTIVE	NONE

Registered Agent

Name & Address
SLATE, RAYMOND M 10155 COLLINS AVE #1004 BAL HARBOUR FL 33154
Name Changed: 03/02/1999
Address Changed: 03/02/1999

Officer/Director Detail

Name & Address	Title
SLATE, RAYMOND M 10155 COLLINS AVE #1004 BAL HARBOUR FL	P
SLATE, HILDA M 10155 COLLINS AVE #1004 BAL HARBOUR FL	V

Annual Reports

Report Year	Filed Date
2004	01/09/2004
2005	04/14/2005
2006	03/22/2006

Previous Filing Return to List Next Filing

No Events
No Name History Information

Document Images

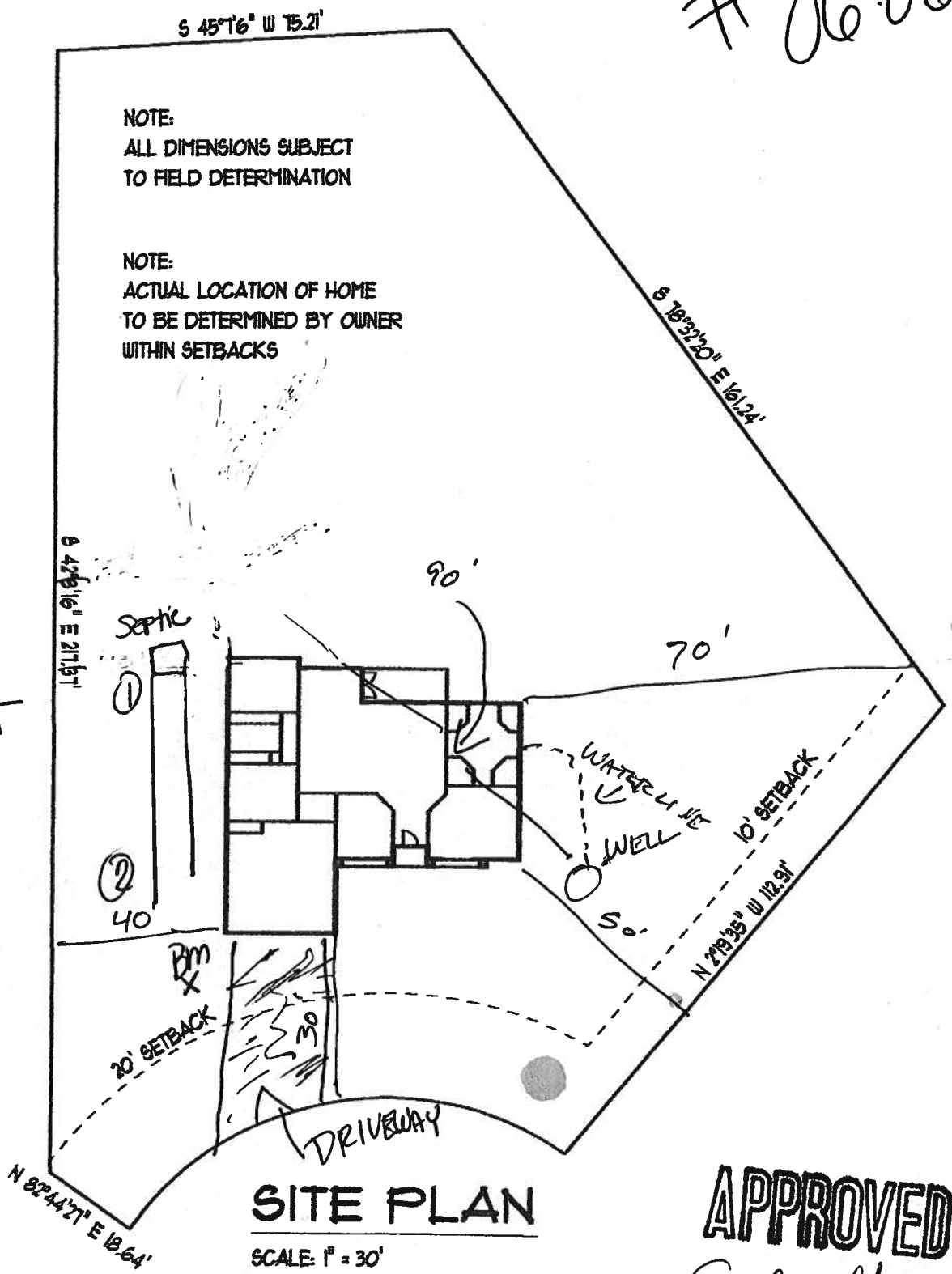
Listed below are the images available for this filing.

03/22/2006 -- ANNUAL REPORT
04/14/2005 -- ANNUAL REPORT
01/09/2004 -- ANNUAL REPORT
01/27/2003 -- COR - ANN REP/UNIFORM BUS REP
05/13/2002 -- COR - ANN REP/UNIFORM BUS REP
07/10/2001 -- ANN REP/UNIFORM BUS REP
06/12/2000 -- ANN REP/UNIFORM BUS REP
03/02/1999 -- ANNUAL REPORT
04/14/1998 -- ANNUAL REPORT
06/18/1997 -- ANNUAL REPORT
04/26/1996 -- 1996 ANNUAL REPORT

THIS IS NOT OFFICIAL RECORD; SEE DOCUMENTS IF QUESTION OR CONFLICT

Corporations Inquiry Corporations Help

#06-0694-N



VACANT

SITE PLAN

SCALE: 1" = 30'
CANNON CREEK PLACE/LOT# 12
/SECTION 24/TOWNSHIP 4 SOUTH/RANGE
16 EAST/COLUMBIA COUNTY, FLORIDA

SUBMITTED BY: NATHAN PETERSON
8/14/06

APPROVED
Sallie Gladden
ES11
Columbia CHD
8-9-06

Impact Resistant: **Design Pressure:** +/- **Other:** For use in HVHZ install in accordance with NOA 02-0729-02		
889.4	Hardipanel siding	fiber-cement cladding
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** For use in HVHZ install in accordance with NOA 02-0729-02		**Installation Instruction** Verified By: **Evaluation Reports**
889.5	Hardiplank lap siding	fiber-cement cladding
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** For use in HVHZ install in accordance with NOA 02-0729-02		**Installation Instruction** Verified By: **Evaluation Reports**
889.6	Hardishingle cladding shingle	fiber-cement cladding
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Not for use in HVHZ		**Installation Instruction** Verified By: **Evaluation Reports**
889.7	Hardishingle notched panel	fiber-cement cladding
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Not for use in HVHZ		**Installation Instruction** Verified By: **Evaluation Reports**
889.8	Hardisoffit panel	fiber-cement cladding
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** For use in HVHZ install in accordance with NOA 02-0729-02		**Installation Instruction** Verified By: **Evaluation Reports**
889.9	Harditex baseboard	fiber-cement cladding
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:**		**Installation Instruction** Verified By: **Evaluation Reports**

Referenced Standard and Year (of Standard)	**Standard** Accepted Engineering Practice TAS 201 and TAS 203 TAS 202
Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	12/31/2005
Date Validated	12/31/2005
Date Pending FBC Approval	01/10/2006
Date Approved	02/07/2006

Summary of Products

FL #	Model, Number or Name	Description
4242.1	a. Masonite Metal-Edge Steel Door	Up to a 3'0 x 6'8 In-swing Metal-Edge Steel Door in Adjustable Steel Frame
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** This product meets the requirements for the State of Florida including the "HVHZ". When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require a protective covering. Maximum Design Pressure Rating – Positive 66.0 PSF and Negative 66.0 PSF (see 4242.1 INST for any additional size and use limitations).		**Certification Agency Ce** **Installation Instruction** PTID 4242 R1 I 4242.1 PTID 4242 R1 I 4242.2 PTID 4242 R1 I 4242.3 Verified By:
4242.2	b. Masonite Metal-Edge Steel Door	Up to a 3'0 x 8'0 In-swing Metal-Edge Steel Door in Adjustable Steel Frame
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** This product meets the requirements for the State of Florida including the "HVHZ". When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require a protective covering. Maximum		**Certification Agency Ce** **Installation Instruction** Verified By:

Design Pressure Rating – Positive 55.0 PSF and Negative 55.0 PSF (see 4242.2 INST for any additional size and use limitations).		
4242.3	C. Masonite Metal-Edge Steel Door	Up to a 6'0 x 6'8 In-swing Metal-Edge Steel Door in Adjustable Steel Frame
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** This product meets the requirements for the State of Florida including the "HVHZ". When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require a protective covering. Maximum Design Pressure Rating – Positive 50.5 PSF and Negative 50.5 PSF (see 4242.3 INST for any additional size and use limitations).		**Certification Agency Ce** **Installation Instruction** Verified By:

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DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

Certification Agency	Miami-Dade BCCO - CER
Referenced Standard and Year (of Standard)	**Standard** ASTM D3462 TAS 107 TAS100
Equivalence of Product Standards Certified By	
Sections from the Code	1523.6.5.1 1523.6.5.1 1523.6.5.1
Product Approval Method	Method 1 Option A
Date Submitted	06/01/2005
Date Validated	06/13/2005
Date Pending FBC Approval	06/14/2005
Date Approved	06/29/2005

Summary of Products

FL #	Model, Number or Name	Description
728.1	Capstone	Laminated Asphalt Shingl
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** PTID 728 R1 I Capston PTID 728 R1 I Capston PTID 728 R1 I Prestiqu NOA.pdf PTID 728 R1 I Prestiqu NOA.pdf PTID 728 R1 I Seal-A-I NOA.pdf PTID 728 R1 I Starter NOA.pdf PTID 728 R1 I Tuscalo Verified By:
728.2	Prestique I	Laminated Asphalt Shingl
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:**		**Certification Agency Ce** **Installation Instruction** Verified By:

Design Pressure: +/- **Other:** Mean roof height should not exceed 33 ft.		
728.3	Prestique Plus / Gallery Colle	Laminated Asphalt Shingl
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** Verified By:
728.4	Seal-A-Ridge "SAR"	Accessory - Ridge Shingle
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** Verified By:
728.5	Starter Strip	Accessory - Starter Cours
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** Mean roof height should not exceed 33 ft.		**Certification Agency Ce** **Installation Instruction** Verified By:

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DCA Administration

Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

Product Approval Accepts:

	Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-50 DP-50 Per manufacturers installation instructions.	**Certification Agency Ce** **Installation Instruction** Verified By:
5438.15	455 Fin Frame	54x90 Insulated DSB Ann
	Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-35 DP-50 Per manufacturers installation instructions.	**Certification Agency Ce** **Installation Instruction** Verified By:
5438.16	650 Fin Frame	53x90 Insulated SSB Ann
	Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-30 DP-47.2 Per manufacturers installation instructions.	**Certification Agency Ce** **Installation Instruction** Verified By:
5438.17	650 Fin Oriel	48x84 Insulated 3/16" An
	Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP-47.2 Per manufacturers installation instructions.	**Certification Agency Ce** **Installation Instruction** Verified By:
5438.18	650 Flange Frame	48x84 Insulated SSB Ann
	Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** LC-35 DP-47.2 Per manufacturers installation instructions.	**Certification Agency Ce** **Installation Instruction** Verified By:
5438.19	650 Flange Frame Oriel	48x84 Insulated 3/16" An
	Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP-47.2 Per manufacturers installation instructions.	**Certification Agency Ce** **Installation Instruction** Verified By:

Approved for use outside HVHZ: **Impact Resistant:** **Design Pressure:** +/- **Other:** R-55 DP -65 Per manufacturers installation instructions.		Verified By:
6029.5	185 Aluminum Twin Window Fin Frame	106x72 Single Glazed 1/8
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-55 DP -69.3 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.6	185 Aluminum Twin Window Fin Frame	106x72 Single Glazed 3/1
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40 DP -40 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.7	450/650/850 Aluminum Window Fin Frame	48x84 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-35 DP -47.2 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.8	450/650/850 Aluminum Window Fin Frame	36x72 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** R-40 DP -50 Per manufacturers installation instructions.		**Certification Agency Ce** **Installation Instruction** Verified By:
6029.9	450/650/850 Aluminum Window Flange Frame	48x84 Insulated 3/16" An
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:**		**Certification Agency Ce** **Installation Instruction** Verified By:

Referenced Standard and Year (of Standard)	**Standard** ASTM D3462 TAS 107
Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	09/20/2005
Date Validated	09/27/2005
Date Pending FBC Approval	09/29/2005
Date Approved	10/11/2005

Summary of Products

FL #	Model, Number or Name	Description
1476.1	Elk Prestique Shingles	Laminated Asphalt Shingl
Limits of Use (See Other) **Approved for use in HVHZ:** **Approved for use outside HVHZ:** **Impact Resistant:** **Design Pressure:** +/- **Other:** 1) All FBC sections apply except for those pertaining to Miami - Dade and Broward Counties 2) Refer to NOA # 0500706.07 for use in Dade and Broward Counties		**Certification Agency Ce** **Installation Instruction** PTID 1476 R2 I Specs PTID 1476 R2 I UL Pre Verified By:

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Department of Community Affairs
Florida Building Code Online
Codes and Standards
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100
(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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

Reference to a building permit application Number: 0607-78

Contractor Nathan Peterson Owner Raymond Slate 24-4s-16-03114-112

On the date of August 1, 2006 application 0607-78 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0607-78 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

To help ensure compliance with the Florida Residential Code 2004 the comments below need to be addressed on the plans.

1. Provide a deed which indicates the current title holder of lot Cannon Creek Place lot 12 is Raymond Slate.

2. Please submit a recorded (with the Columbia County Clerk Office) notice of commencement before any inspections can be preformed by the Columbia County Building Department.

3. Please provide a copy of a signed released site plan from the Columbia County Environmental Health Department which confirms approval of the waste water disposal system.

Joe Haltiwanger

Plan Examiner
Columbia County

Residential System Sizing Calculation

Summary

H&M Construction

Lake City, FL 32024-

Project Title:
NATHAN III - LOT 12, CC

Code Only
Professional Version
Climate: North

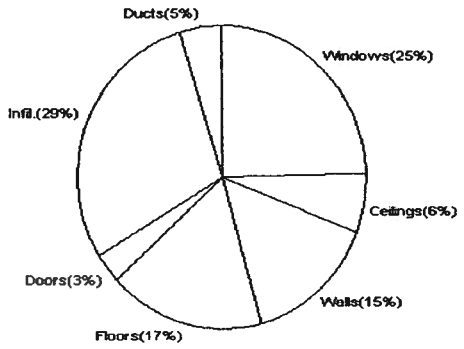
7/13/2006

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**35061**	**Btuh**	**Total cooling load calculation**	**34274**	**Btuh**
Submitted heating capacity	36000	Btuh	Submitted cooling capacity	36000	Btuh
Submitted as % of calculated	102.7	%	Submitted as % of calculated	105.0	%

WINTER CALCULATIONS

Winter Heating Load (for 1746 sqft)

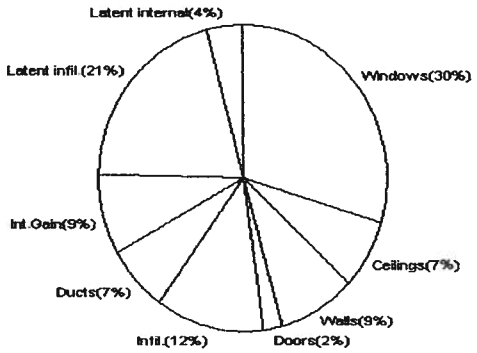
Load component			Load	
Window total	307	sqft	8674	Btuh
Wall total	1772	sqft	5169	Btuh
Door total	71	sqft	1141	Btuh
Ceiling total	1746	sqft	2270	Btuh
Floor total	194	ft	6130	Btuh
Infiltration	233	cfm	10007	Btuh
Subtotal			**33391**	**Btuh**
Duct loss			1670	Btuh
TOTAL HEAT LOSS			**35061**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1746 sqft)

Load component			Load	
Window total	307	sqft	10296	Btuh
Wall total	1772	sqft	2932	Btuh
Door total	71	sqft	720	Btuh
Ceiling total	1746	sqft	2479	Btuh
Floor total			0	Btuh
Infiltration	204	cfm	4041	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**23468**	**Btuh**
Duct gain			2347	Btuh
Total sensible gain			**25815**	**Btuh**
Latent gain(infiltration)			7078	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**8458**	**Btuh**
TOTAL HEAT GAIN			**34274**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: _____

DATE: 7-13-06

System Sizing Calculations - Winter

Residential Load - Component Details

H&M Construction

Lake City, FL 32024-

Project Title:
NATHAN III - LOT 12, CC

Code Only
Professional Version
Climate: North

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

7/13/2006

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	74.7	28.3	2113 Btuh
2	2, Clear, Metal, DEF	N	12.5	28.3	354 Btuh
3	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
4	2, Clear, Metal, DEF	S	42.0	28.3	1189 Btuh
5	2, Clear, Metal, DEF	S	63.0	28.3	1783 Btuh
6	2, Clear, Metal, DEF	S	16.0	28.3	453 Btuh
7	2, Clear, Metal, DEF	E	23.3	28.3	660 Btuh
8	2, Clear, Metal, DEF	E	15.0	28.3	424 Btuh
9	2, Clear, Metal, DEF	S	30.0	28.3	849 Btuh
	Window Total		307		8674 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1556	3.1	4824 Btuh
2	Frame - Adjacent	13.0	216	1.6	346 Btuh
	Wall Total		1772		5169 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		33	18.3	605 Btuh
2	Insulated - Exter		20	18.3	367 Btuh
3	Insulated - Adjac		18	9.4	169 Btuh
	Door Total		71		1141Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1746	1.3	2270 Btuh
	Ceiling Total		1746		2270Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	194.0 ft(p)	31.6	6130 Btuh
	Floor Total		194		6130 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.80	17460(sqft)	233	10007 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			233	10007 Btuh

Totals for Heating	**Subtotal**	**33391 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1670 Btuh**
	Total Btuh Loss	**35061 Btuh**

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

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

Manual J Summer Calculations

Residential Load - Component Details (continued)

H&M Construction

Lake City, FL 32024-

Project Title:
NATHAN III - LOT 12, CC

Code Only
Professional Version
Climate: North

7/13/2006

Totals for Cooling	**Subtotal**	**23468 Btuh**
	Duct gain(using duct multiplier of 0.10)	**2347 Btuh**
	Total sensible gain	**25815 Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**7078 Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380 Btuh**
	Latent other gain	**0 Btuh**
	TOTAL GAIN	**34274 Btuh**

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

System Sizing Calculations - Summer

Residential Load - Component Details

H&M Construction

Lake City, FL 32024-

Project Title:
NATHAN III - LOT 12, CC

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 7/13/2006

Window	Type Panes/SHGC/U/InSh/ExSh	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, DEF, N, N	N	1.5	7.5	74.7	0.0	74.7	22	22	1643 Btuh
2	2, Clear, DEF, N, N	N	8	4	12.5	0.0	12.5	22	22	275 Btuh
3	2, Clear, DEF, N, N	W	1.5	5.5	30.0	4.5	25.5	22	72	1936 Btuh
4	2, Clear, DEF, N, N	S	1.5	8	42.0	21.0	21.0	22	37	1239 Btuh
5	2, Clear, DEF, N, N	S	11	8	63.0	21.0	42.0	22	37	2016 Btuh
6	2, Clear, DEF, N, N	S	1.5	5	16.0	16.0	0.0	22	37	352 Btuh
7	2, Clear, DEF, N, N	E	1.5	7.5	23.3	1.2	22.1	22	72	1618 Btuh
8	2, Clear, DEF, N, N	E	1.5	2	15.0	10.5	4.5	22	72	556 Btuh
9	2, Clear, DEF, N, N	S	1.5	6	30.0	30.0	0.0	22	37	660 Btuh
	Window Total				307					10296 Btuh

Walls	Type	R-Value	Area	HTM	Load
1	Frame - Exterior	13.0	1556.0	1.7	2707 Btuh
2	Frame - Adjacent	13.0	216.0	1.0	225 Btuh
	Wall Total		1772.0		2932 Btuh

Doors	Type	Area	HTM	Load
1	Insulated - Exter	33.0	10.1	335 Btuh
2	Insulated - Exter	20.0	10.1	203 Btuh
3	Insulated - Adjac	18.0	10.1	183 Btuh
	Door Total	71.0		720 Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load
1	Under Attic/Dark	30.0	1746.0	1.4	2479 Btuh
	Ceiling Total		1746.0		2479 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab-On-Grade Edge Insulation	0.0	194.0 ft(p)	0.0	0 Btuh
	Floor Total		194.0		0 Btuh

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.70	17460	204.1	4041 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			204	4041 Btuh

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

24866

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.
Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB103476 Company Phone No. 386-755-3011
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Peterson Const. Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 176 S.W Arrow Blvd Lake City FL
Type of Construction (More than one box may be checked) ☑ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside Inside Type of Fill

Section 4: Treatment Information

Date(s) of Treatment(s) 10.25.06
Brand Name of Product(s) Used Bora-Care
EPA Registration No. 64405-1
Approximate Final Mix Solution % 2.5%
Approximate Size of Treatment Area: Sq. ft. 2368 Linear ft. 214 Linear ft. of Masonry Voids
Approximate Total Gallons of Solution Applied 5
Was treatment completed on exterior? ☑ Yes ☐ No
Service Agreement Available? ☑ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments Treated All Walls

Name of Applicator(s) Steve Brannan Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Date 10.25.06

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010. 1012; 31 U.S.C. 3729, 3802)

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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 106.1). 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** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally 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 identified.

c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 **(see attach forms).**

d) Show safety glazing of glass, where required by code.

e) Identify egress windows in bedrooms, and size.

f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, **(Please circle applicable type).**

g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.

h) 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 106.1.1.2)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 106.1.1.2)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 shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (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) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) 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 (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (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)

N/A ☐ 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

☑ ☐ h) Exhaust fans in bathroom

HVAC information

☑ ☐ a) Energy Calculations (dimensions shall match plans)

☑ ☐ b) Manual J sizing equipment or equivalent computation

☑ ☐ c)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. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**

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

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

_____

_____

_____ APPLICANT SIGNATURE

_____ DATE

R-1305 01-04

Columbia County 9-1-1 Addressing / GIS Department
P.O. Box 1787, Lake City, FL 32056
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * E-mail: ron_croft@columbiacountyfla.com

9-1-1 Address Request Form

NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request: _____

Requester Last Name: _____

First Name: _____

Contact Telephone Number: _____

(Cell Phone Number if Provided): _____

Requested for Self: _____ or Requested for Company: _____
(check one)
If Address is Requested by a Company, Provide Name of Requesting Company:

_____

Parcel Identification Number: ____ - ____ - ____ _____ - _____

If in Subdivision, Provide Name Of Subdivision:

_____

Phase or Unit Number (if any): _____ Block Number (if any): _____

Lot Number: _____

Attach Site Plan or you may use back of Request Form for Site Plan:

Requirements for Site Plan Are Listed on Back of Request From:
(NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)

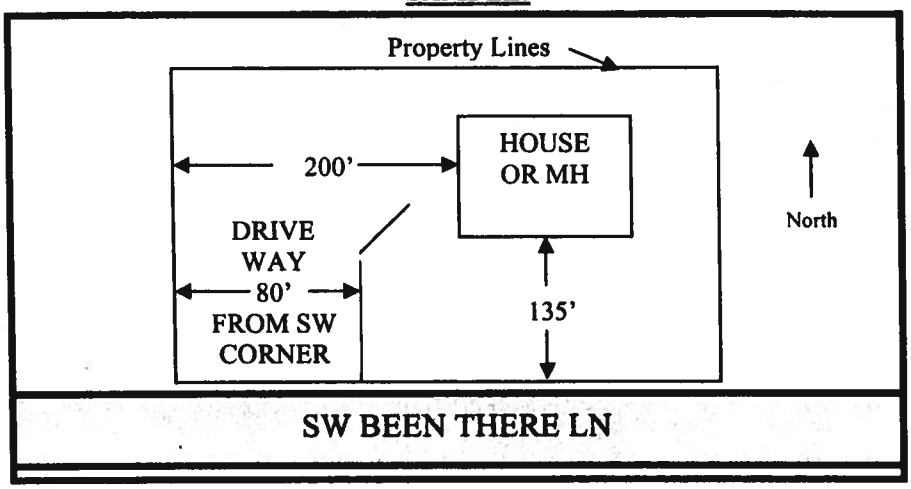
Addressing / GIS Department Use Only:

Date Received: _____ Date Assigned: _____

ID Number: _____

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. 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).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001186

DATE: 08/14/2006 BUILDING PERMIT NO. 24866

APPLICANT NATHAN PETERSEN PHONE 386.623.3307

ADDRESS 777 SW BOYETTE TERRACE LAKE CITY FL 32025

OWNER H&M CONSTRUCTION CORP. PHONE

ADDRESS 176 SW ARROW GLEN LAKE CITY FL 32024

CONTRACTOR NATHAN PETERSEN PHONE 386.623.3307

LOCATION OF PROPERTY 47-S TO C-242,TR TO ARROW HEAD,TR GO TO CANNON CREEK PLACE S.D TO ARROW GLEN,TL GO TO END OF CUL-DE-SAC ON R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT CANNON CREEK PLACE 12

PARCEL ID # 24-4S-16-03114-112

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: INSTALLATION OF A 21"X15"X32' CULVERT IS NEEDED

SIGNED: Terry Little DATE: 8/21/06

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

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

PERMIT OFFICE
AUG 15 2006
BY:

COLUMBIA COUNTY GATEWAY TO FLORIDA

Fax # 758-2160
Attn: Gail

Rec. 10.00
2.50

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY that the above and foregoing
is a true copy of the original filed in this office
P. DeWITT CASON, CLERK OF COURTS
By Sharon Lange
Deputy Clerk
Date 08-22-06

Inst:200619958 Date:08/22/2006 Time:
DC,P.DeWitt Cason,Columbia County 1093 P:1537

THIS INSTRUMENT PREPARED BY
& RETURN TO:
Columbia County Bank
Linda Evans
173 NW Hillsboro Street
Lake City, FL 32055
REC: $ 24866

NOTICE OF COMMENCEMENT

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

1. Description of Property: Lot #12 Cannon Creek Place a Subdivision according to Plat Bk 8 Pg 31-34 of the Public Records of Columbia County, FL

2. General Description of Improvements: Single family residence

3. Owner Information: H & M Construction Corporation.
10155 Collins Ave #1004
Bar Harbour, FL 33154

Owner's Interest in Property: Fee Simple

4. Contractor: Petersen Construction
197 SW Waterford Ct. Suite 297
Lake City, FL 32025

5. Lender: Columbia Bank
Attn: Elaine Gonzalez
173 NW Hillsboro Street
Lake City, FL 32055

6. Additional persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:

7. Expiration date of Notice of Commencement is one (1) year from the date of recording.

H & M Construction Corporation

Raymond State, President

STATE OF FLORIDA}
COUNTY OF Miami-Dade }

The foregoing instrument was acknowledged before me this 11th day of August, 2006 by Raymond State as President of H & M Construction Corporation

Bernice Knight
My Commission DD177908
Expires January 23, 2007

NOTARY PUBLIC

Name:

BRITT SURVEYING
Land Surveyors and Mappers
830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

24866

01/16/07 (Revised)

L-18090

To Whom It May Concern:

C/o: Peterson Construction

Re: Lot 12 Cannon Creek Place

The elevation of the slab is found to be 102.45 feet. The minimum finished floor elevation is 101.00 feet according to the plat of record. The highest adjacent grade is 100.10 feet and the lowest adjacent grade is 97.25 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt
PLS #5757

BRITT SURVEYING
830 West Duval Street • Lake City, FL 32055
Phone (386) 752-7163 • Fax (386) 752-5573

Land Surveyors and Mappers

01/16/07 (Revised)

L-18090

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L. Scott Britt
PLS #5757

74866

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 24-4S-16-03114-112 **Building permit No.** 000024866

Use Classification SFD/UTILITY **Fire:** 50.22

Permit Holder NATHAN PETERSEN **Waste:** 150.75

Owner of Building H&M CONSTRUCTION CORP. **Total:** 200.97

Location: 176 SW ARROW GLEN(CANNON CREEK,LOT 12)

Date: 01/26/2007

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

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:1SZ0487-Z0118135803

Truss Fabricator:	Anderson Truss Company
Job Identification:	6-273--Peterson Construction Cannon Creek #12 -- , **
Truss Count:	37
Model Code:	Florida Building Code 2004
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.24.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 07/18/2006

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

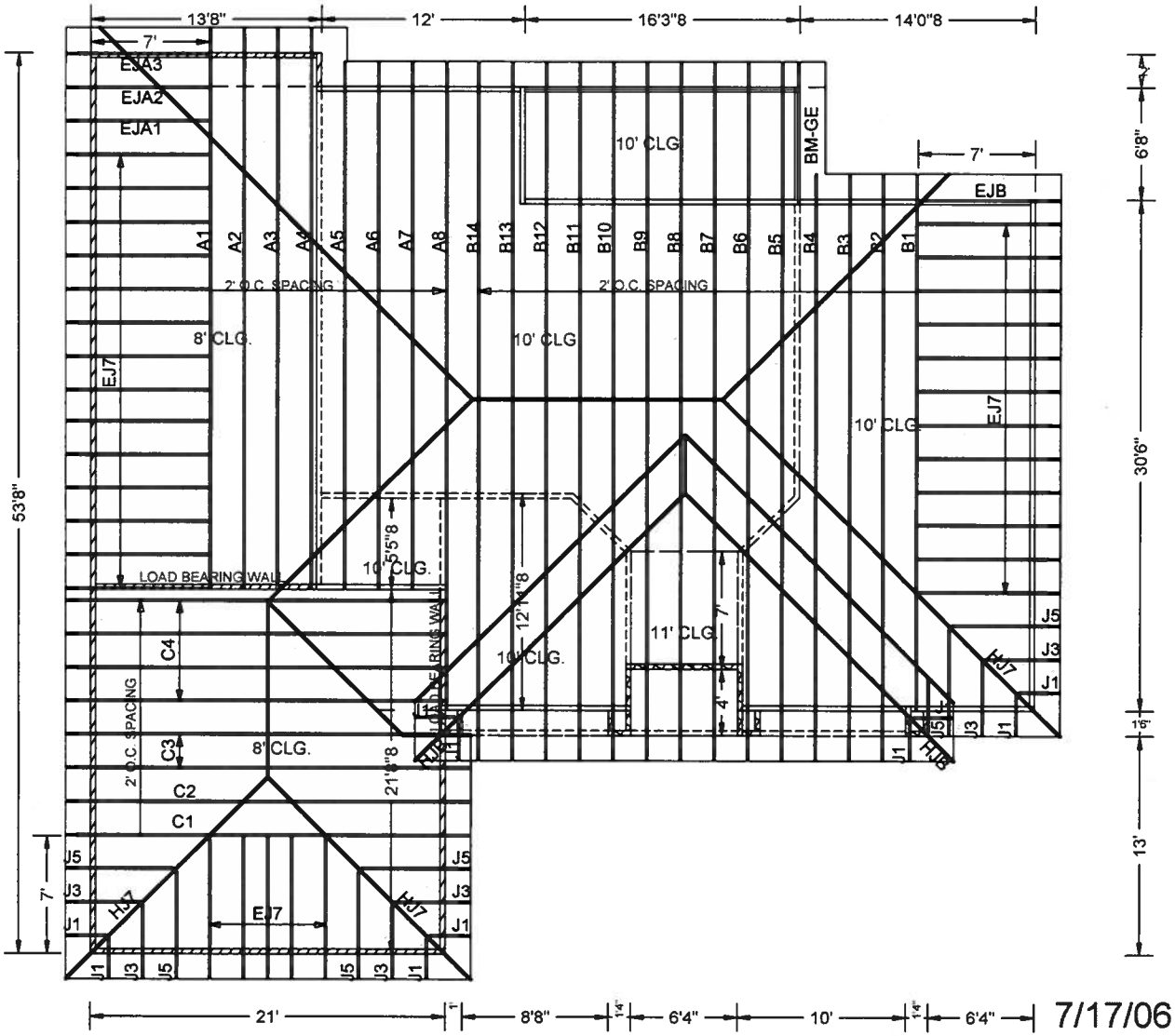
Notes:

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

Details: BRCLBSUB-A11015EE-GBLLETIN-

#	Ref	Description	Drawing#	Date
1	08902--A1		06199001	07/18/06
2	08903--A2		06199002	07/18/06
3	08904--A3		06199003	07/18/06
4	08905--A4		06199004	07/18/06
5	08906--A5		06199005	07/18/06
6	08907--A6		06199006	07/18/06
7	08908--A7		06199007	07/18/06
8	08909--A8		06199008	07/18/06
9	08910--B1		06199009	07/18/06
10	08911--B2		06199010	07/18/06
11	08912--B3		06199011	07/18/06
12	08913--B4		06199012	07/18/06
13	08914--B5		06199013	07/18/06
14	08915--B6		06199014	07/18/06
15	08916--B7		06199015	07/18/06
16	08917--B8		06199016	07/18/06
17	08918--B9		06199017	07/18/06
18	08919--B10		06199018	07/18/06
19	08920--B11		06199019	07/18/06
20	08921--B12		06199020	07/18/06
21	08922--B13		06199021	07/18/06
22	08923--B14		06199022	07/18/06
23	08924--C1		06199023	07/18/06
24	08925--C2		06199024	07/18/06
25	08926--C3		06199025	07/18/06
26	08927--C4		06199026	07/18/06
27	08928--HJ7		06199027	07/18/06
28	08929--EJ7		06199028	07/18/06
29	08930--EJA1		06199029	07/18/06
30	08931--EJA2		06199030	07/18/06
31	08932--EJA3		06199031	07/18/06
32	08933--HJB		06199032	07/18/06
33	08934--EJB		06199033	07/18/06
34	08935--BM-GE		06199034	07/18/06
35	08936--J5		06199035	07/18/06
36	08937--J3		06199036	07/18/06

#	Ref	Description	Drawing#	Date
37	08938--J1		06199037	07/18/06



#6-273 PETERSON CONSTRUCTION - CANNON CREEK LOT#12

Scale: 3/32" = 1'

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W2, W10 2x4 SP #2 Dense:

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

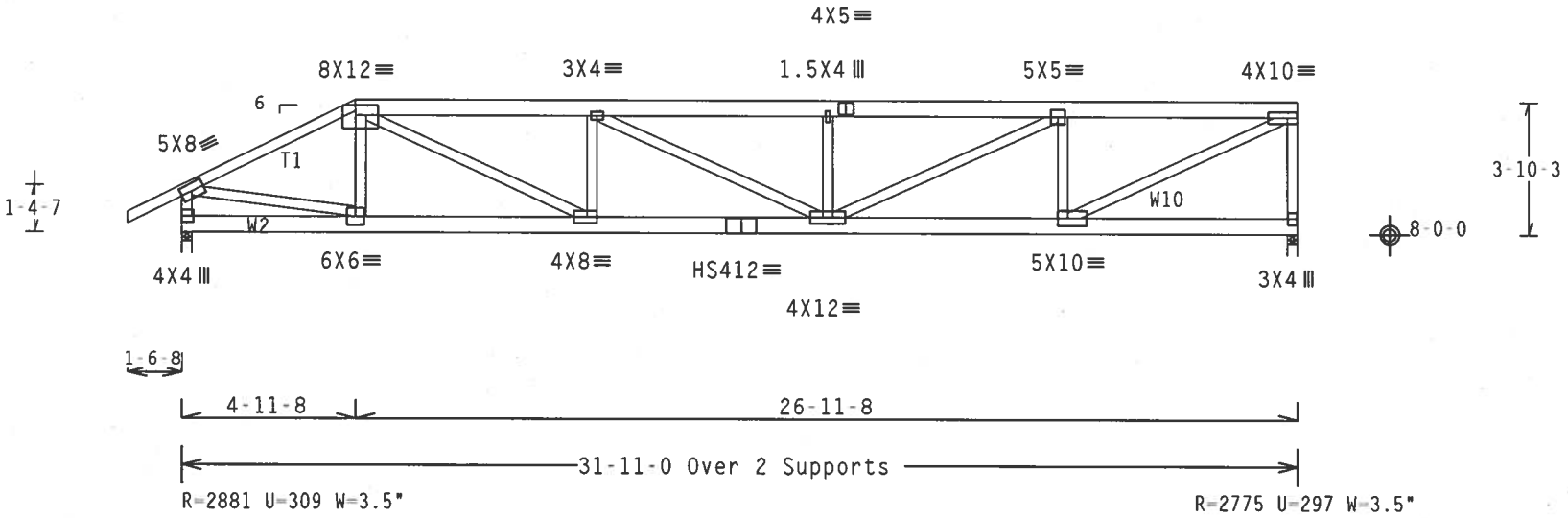
TC	From	62 PLF	at	-1.50	to	62 PLF	at 0.00
TC	From	131 PLF	at	0.00	to	131 PLF	at 31.92
BC	From	4 PLF	at	-1.50	to	4 PLF	at 0.00
BC	From	44 PLF	at	0.00	to	44 PLF	at 31.92

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

Right end vertical not exposed to wind pressure.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Dri
Haines City, FL 338
ficate of

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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JAMES F. COLLINS, JR. LICENSE No.52272 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0	PSF	REF R487--8902
TC DL	10.0	PSF	DATE 07/18/06
BC DL	10.0	PSF	DRW HCUSR487 06199001
BC LL	0.0	PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0	PSF	SEQN- 116461
DUR.FAC.	1.25		
SPACING	SEE ABOVE		JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - A2)

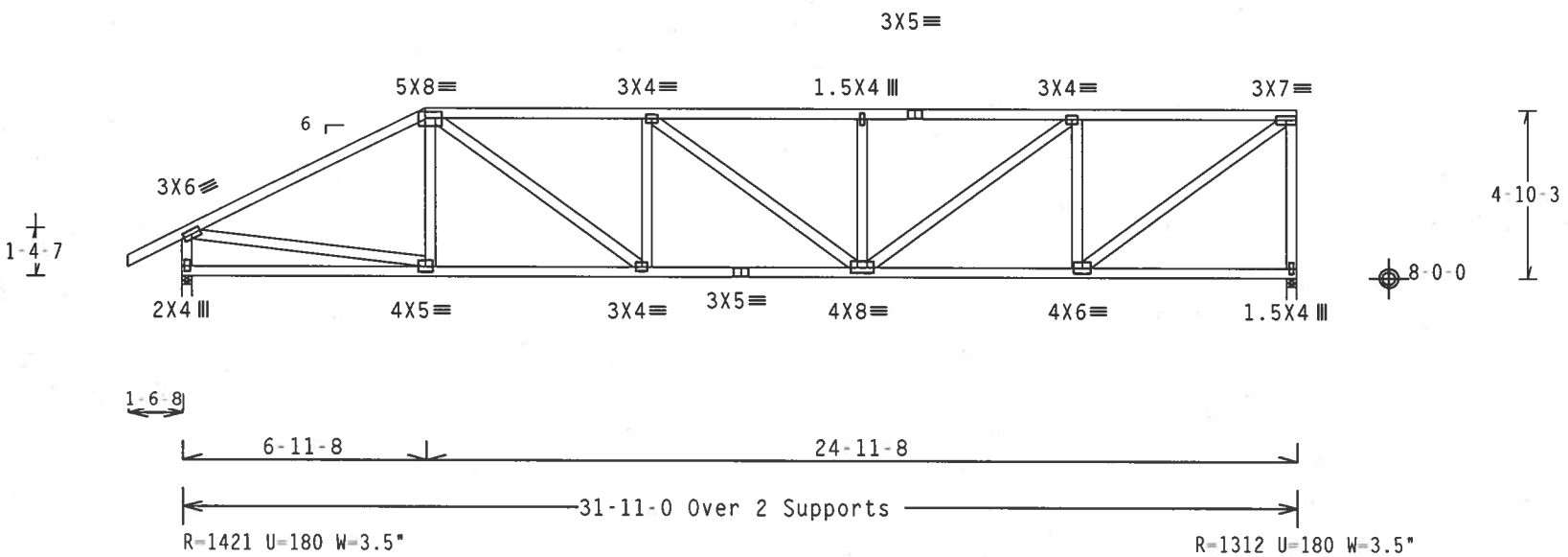
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS 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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ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
ficate of on # 567

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF R487-- 8903
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199002
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116444
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

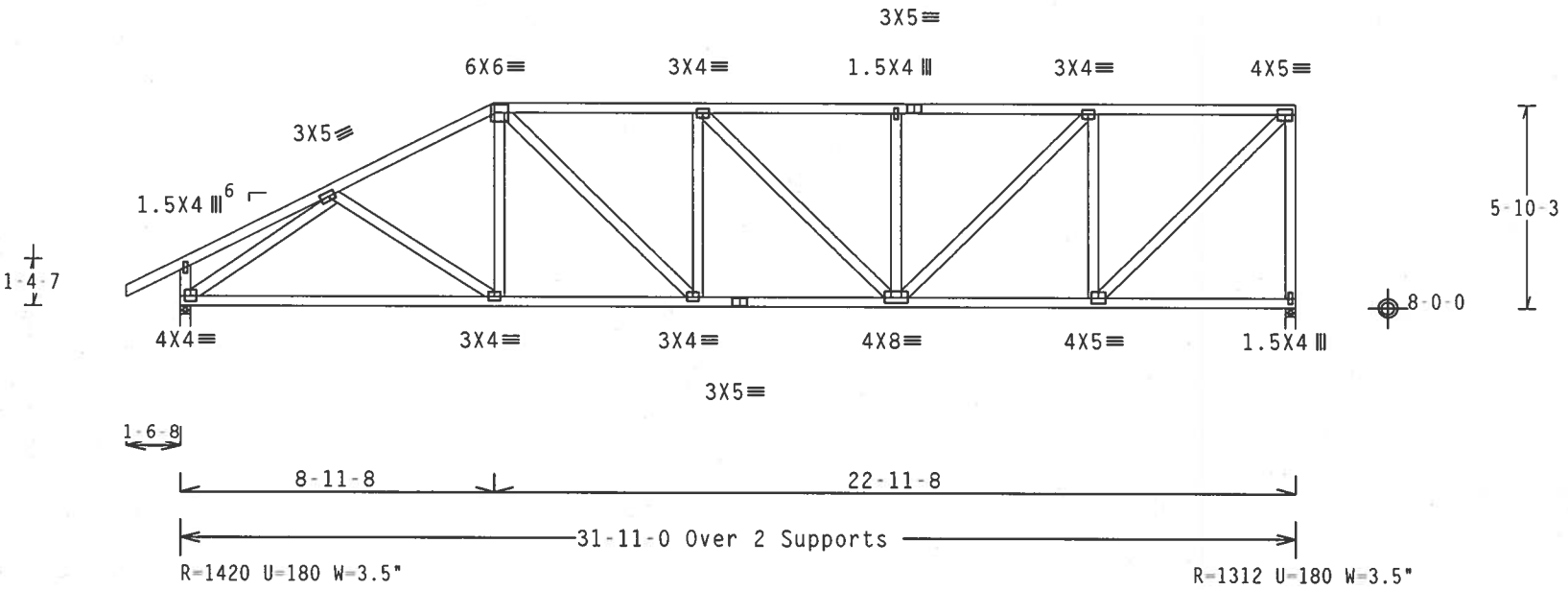
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230

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

Scale =.1875"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 06

TC LL	20.0 PSF	REF R487-- 8904
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199003
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116440
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

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

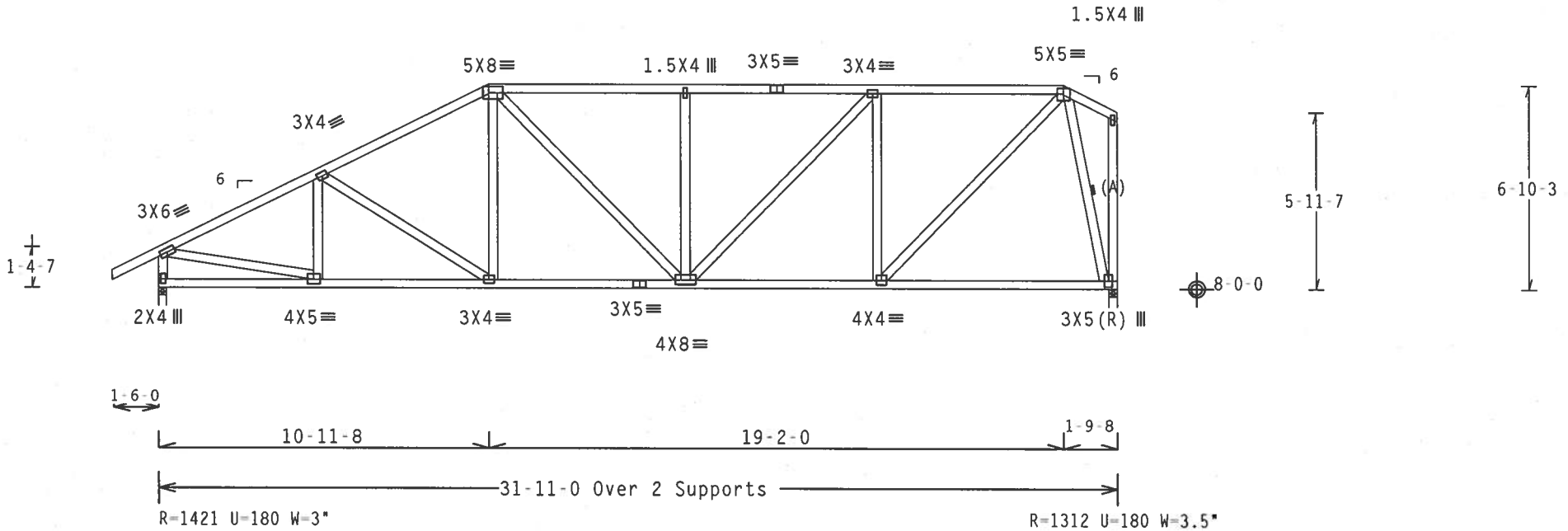
(A) Continuous lateral bracing equally spaced on member.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.13 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 19 06

TC LL	20.0 PSF	REF R487-- 8905
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199004
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116431
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

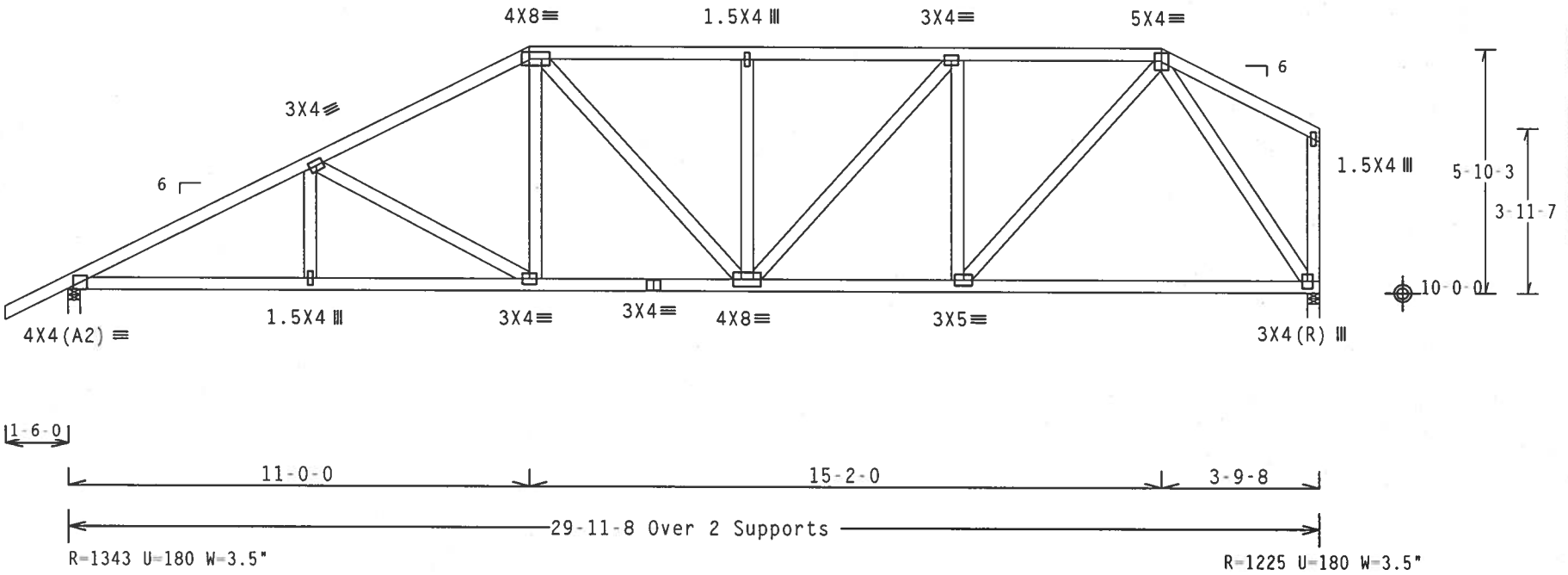
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF R487-- 8906
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199005
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116411
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

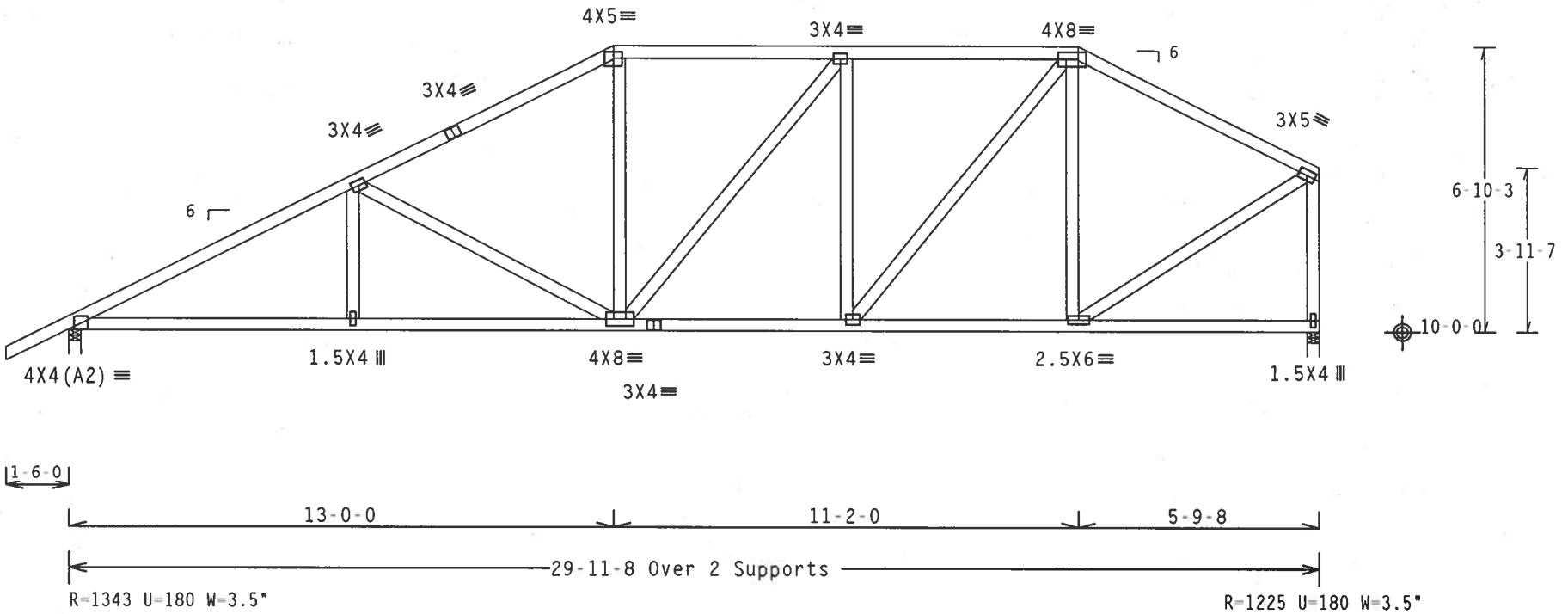
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cg/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF R487-- 8907
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199006
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116405
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

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

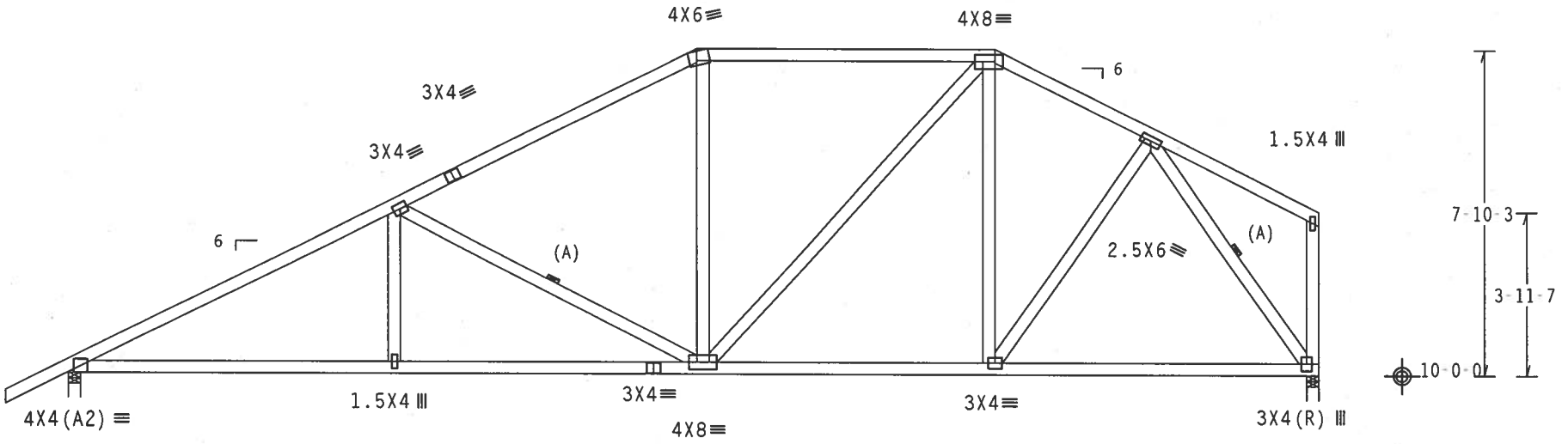
(A) Continuous lateral bracing equally spaced on member.

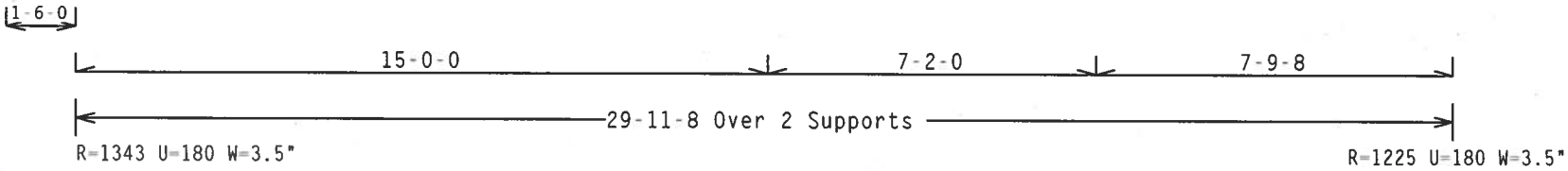
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.13 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R487-- 8908
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199007
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116398
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

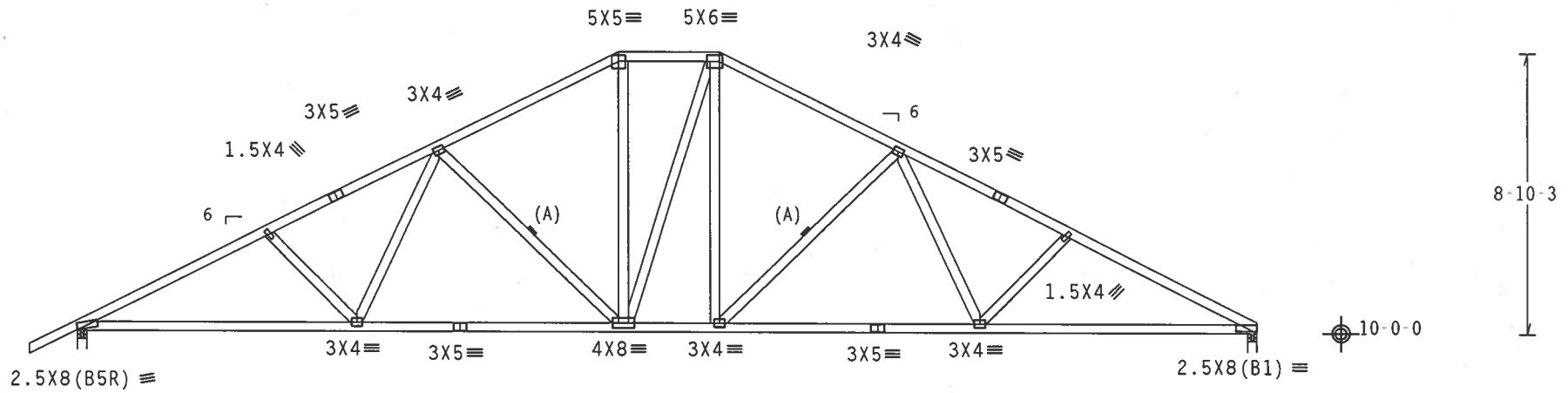
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

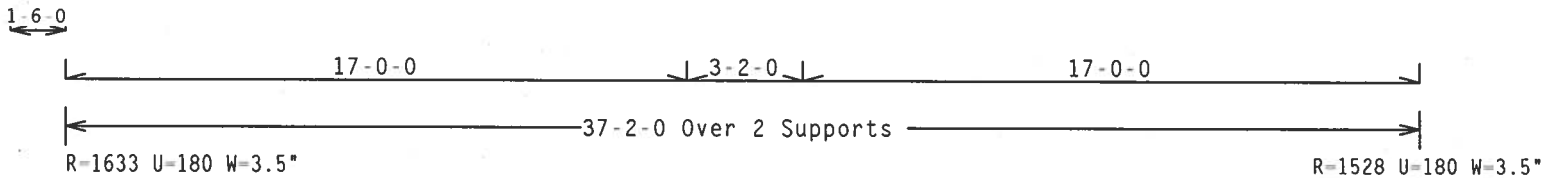
(A) Continuous lateral bracing equally spaced on member.

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

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]icate of [illegible]on # 567

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 06

TC LL	20.0 PSF	REF R487-- 8909
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199008
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116390
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1SZ0487 Z01

5-273--Peterson Construction Cannon Creek #12 -- , ** - B1)

Top chord 2x6 SP #1 Dense :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W9 2x4 SP #2 Dense:

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

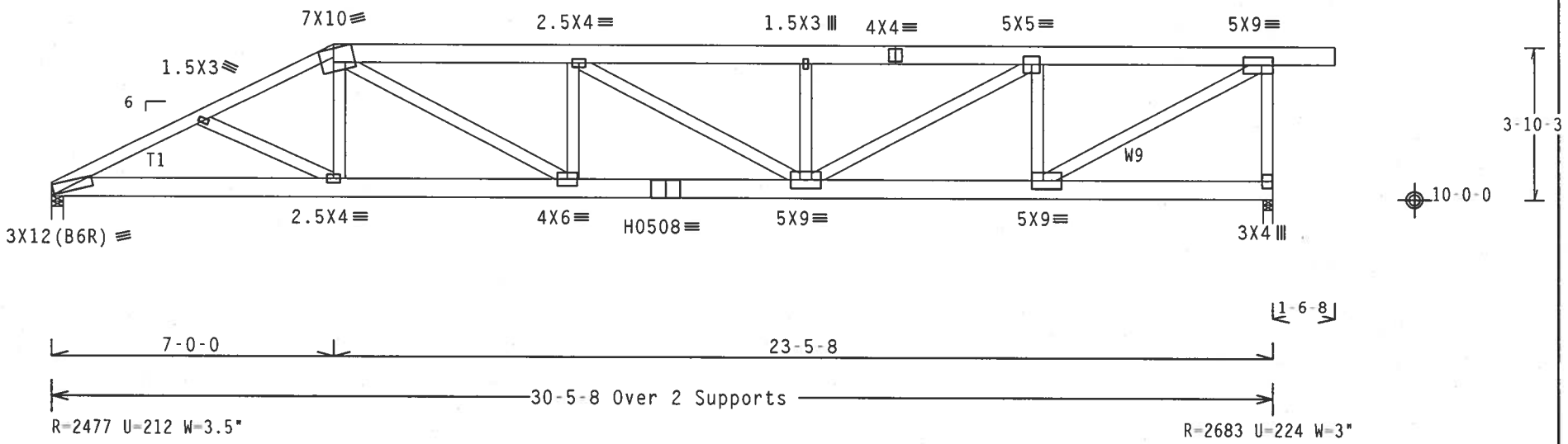
Left side jacks have 7-0-0 setback with 0-0-0 cant and 0-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-8 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

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

Right end vertical not exposed to wind pressure.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF R487-- 8910
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199009
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 16722 REV
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - B2)

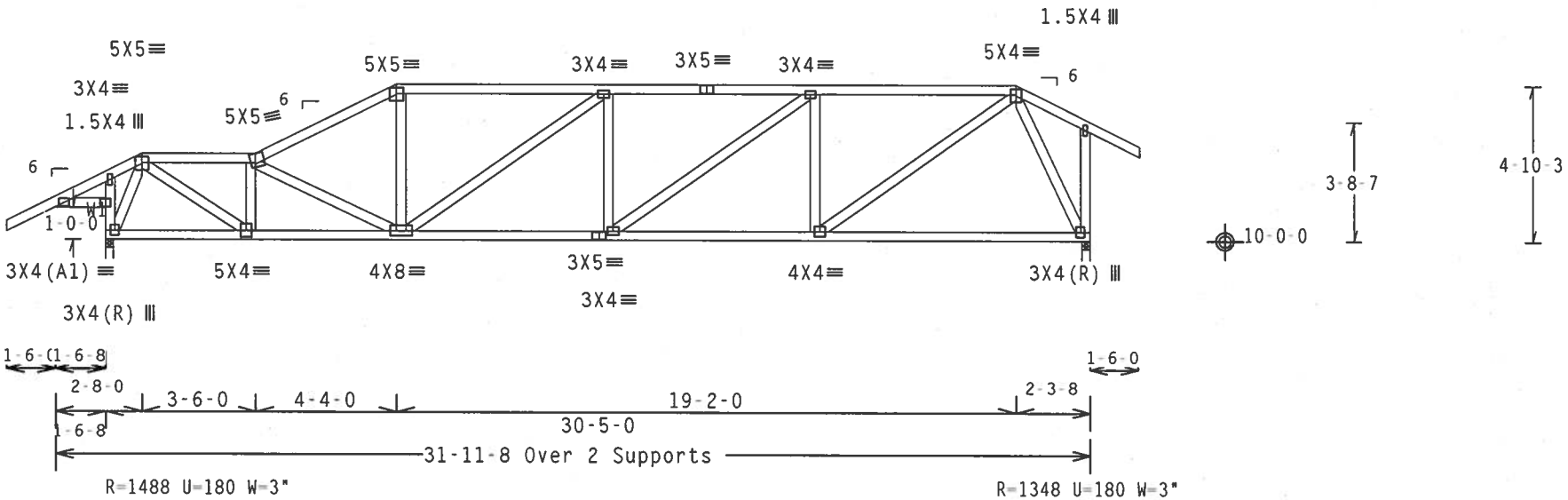
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

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

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

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

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 1[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]icate of [illegible]on # 567

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 06

TC LL	20.0 PSF	REF R487-- 8911
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199010
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116246
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

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

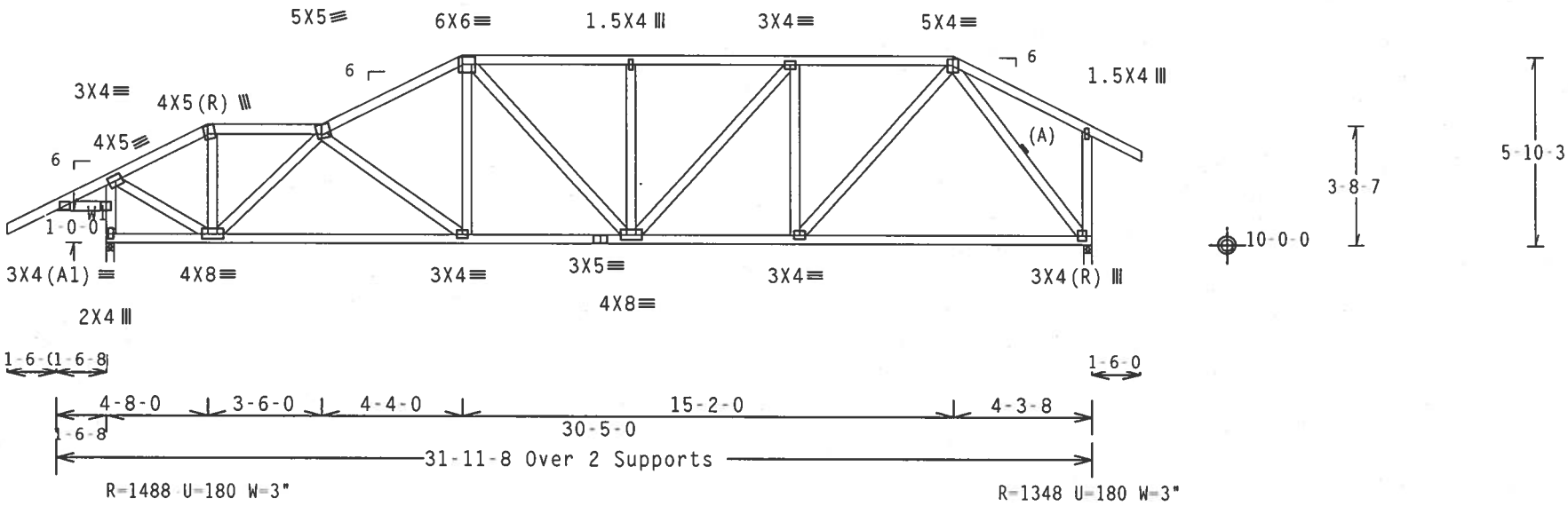
(A) Continuous lateral bracing equally spaced on member.

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

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

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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Alpine Engineered Products, Inc.
1950 Marley Drive
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Jul 18 06

TC LL	20.0 PSF	REF R487-- 8912
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199011
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116255
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - B4)

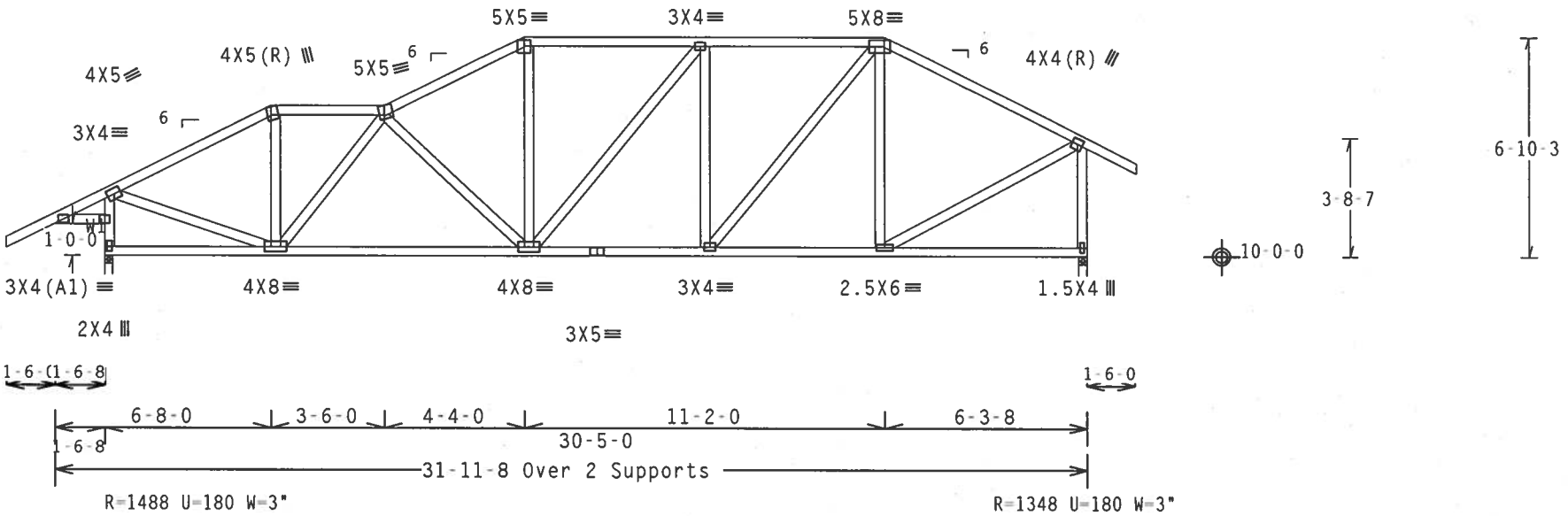
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

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

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

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

Right end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.17

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

Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate of [illegible] on # 567

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TC LL	20.0 PSF	REF R487-- 8913
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199012
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116265
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

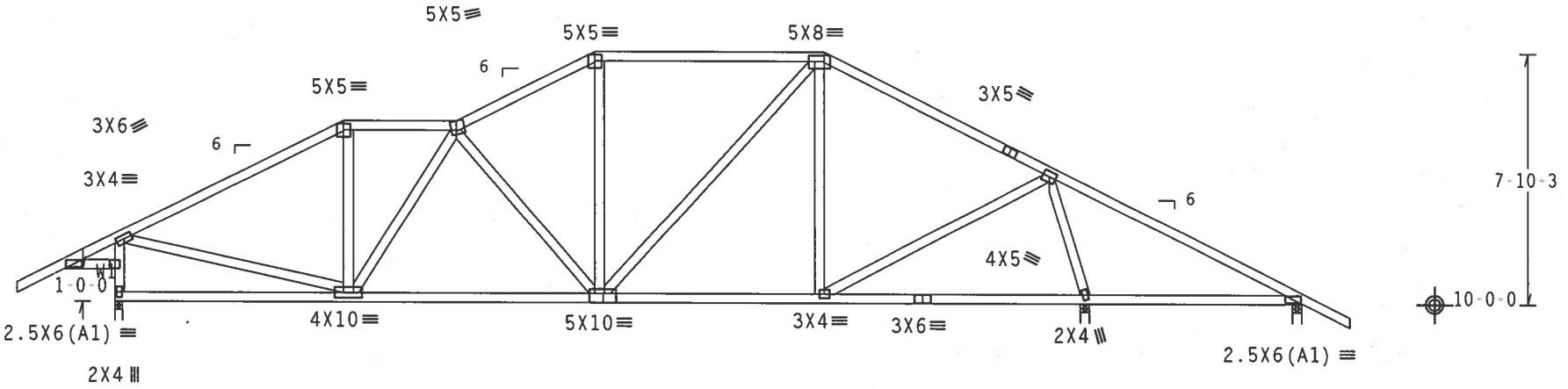
(6-273--Peterson Construction Cannon Creek #12 -- , ** - B5)

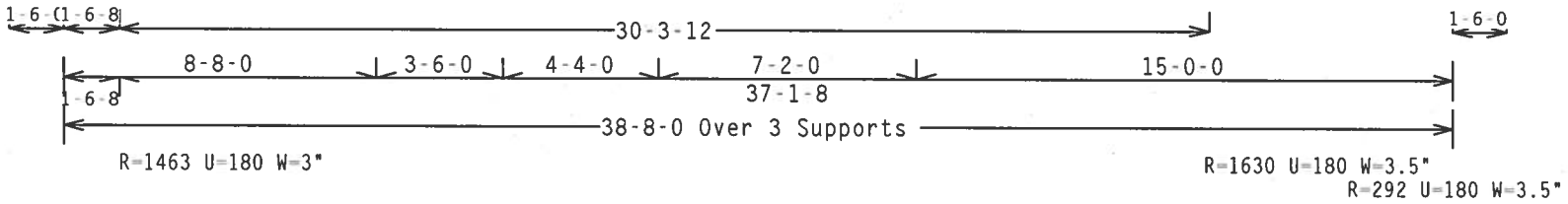
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

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

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 1

QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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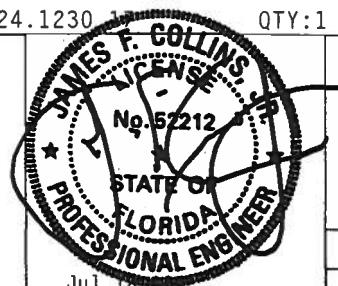


Jul 18 06

TC LL	20.0 PSF	REF R487-- 8914
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199013
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116276
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - B6)

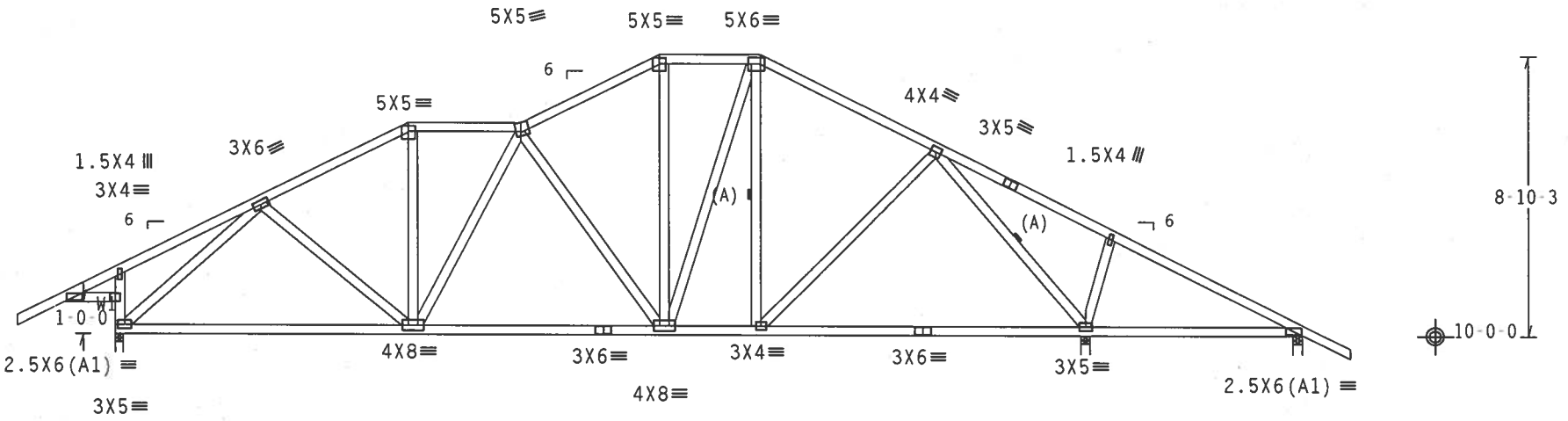
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

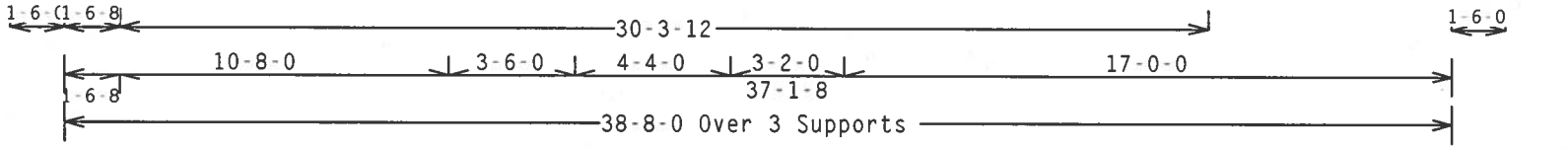
(A) Continuous lateral bracing equally spaced on member.

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

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 1 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Ticate of on # 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.

IMPORTANTFURNISH 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.

JAMES F. COLLINS, JR. LICENSE No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 06

TC LL	20.0 PSF	REF R487-- 8915
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199014
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116283
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - B7)

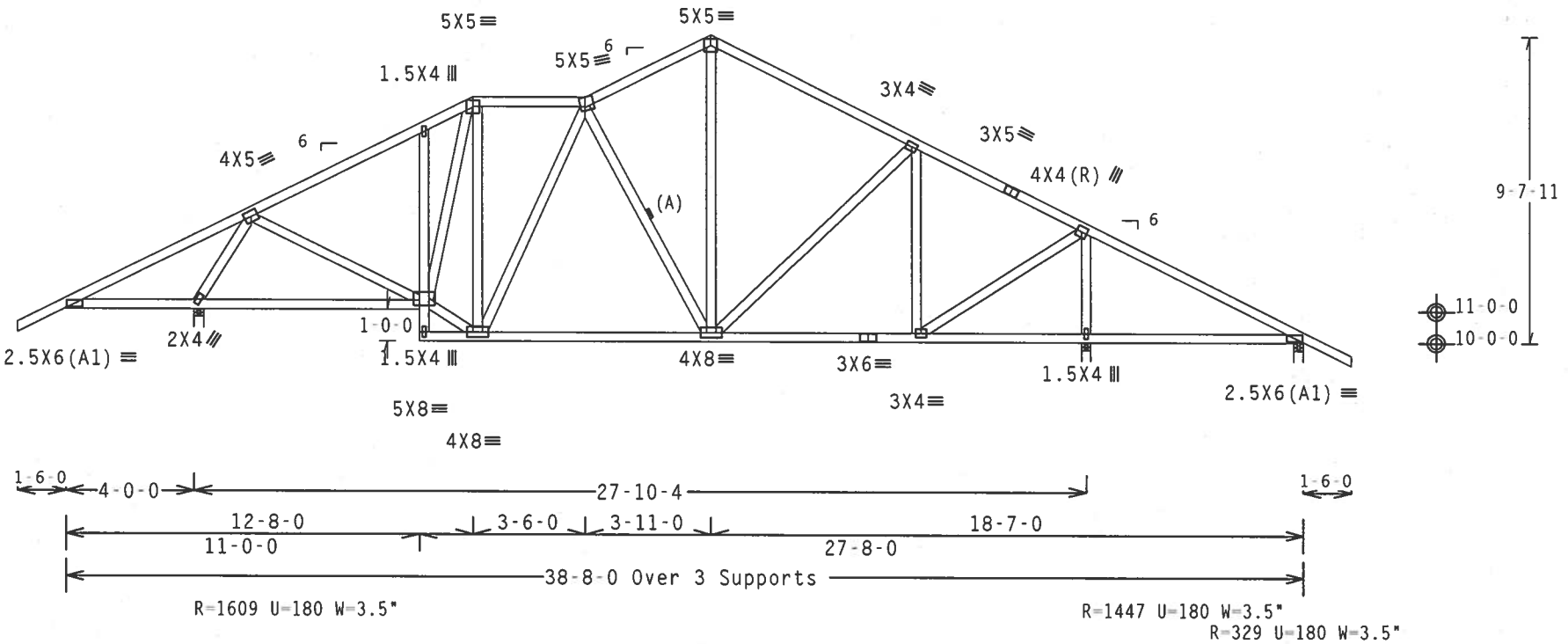
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member.

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLVARD JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju

TC LL	20.0 PSF	REF R487-- 8916
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199015
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116292
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

(6 273 Peterson Construction Cannon Creek #12 , ** B8)

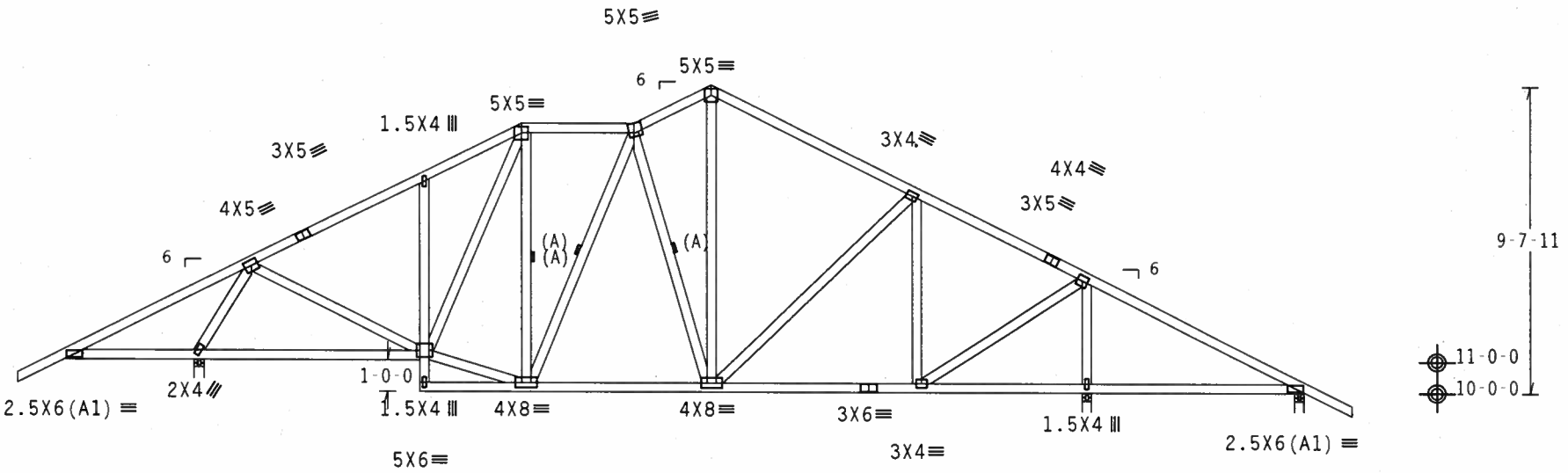
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

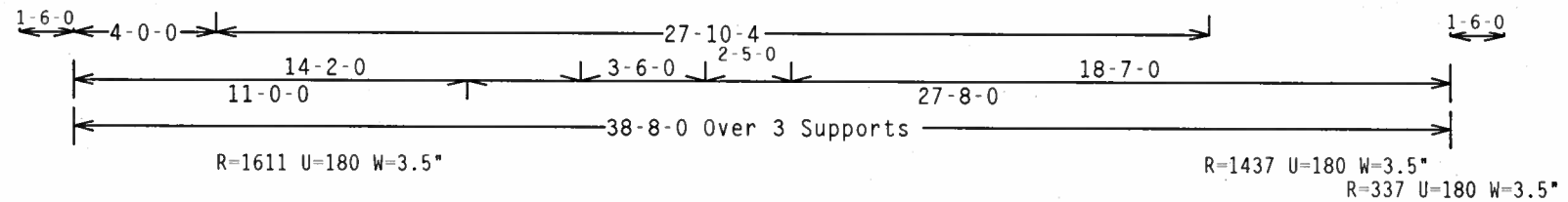
(A) Continuous lateral bracing equally spaced on member.

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

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF R487-- 8917
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199016
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116317
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

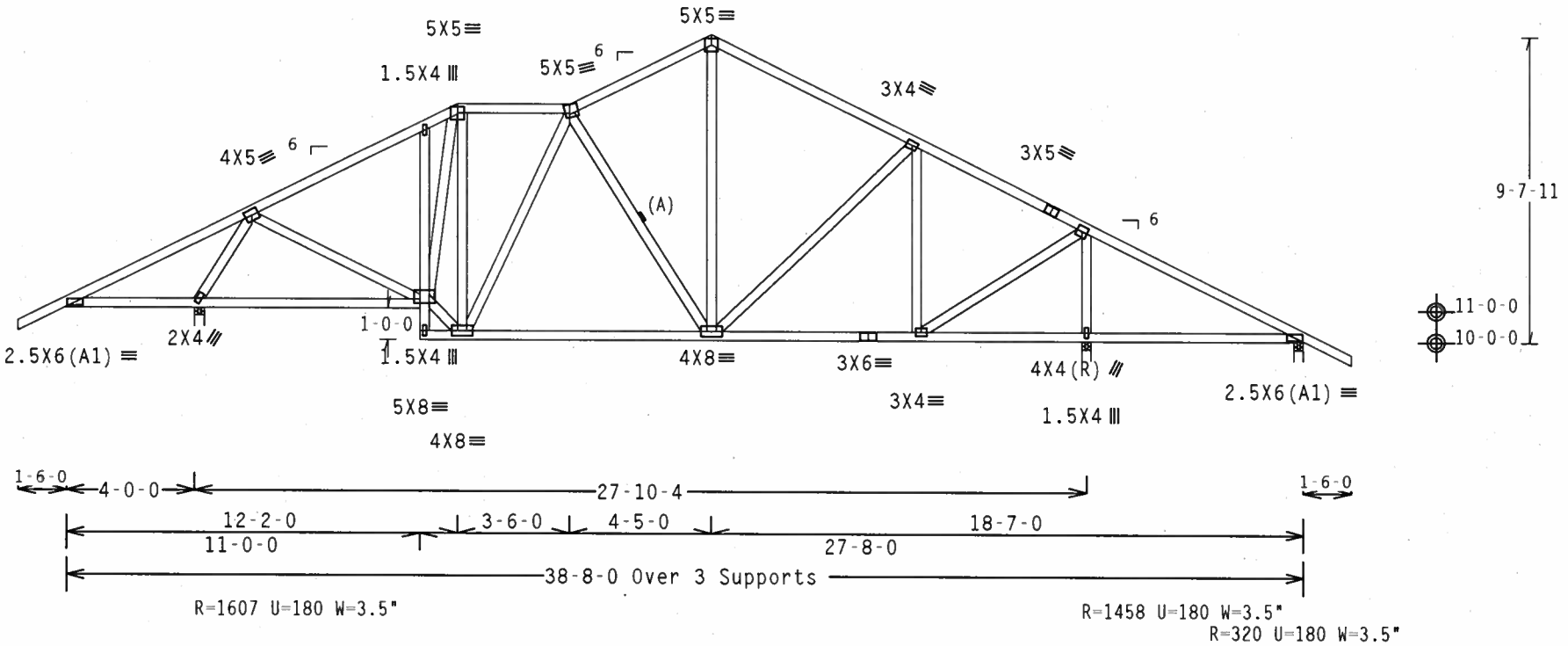
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

(A) Continuous lateral bracing equally spaced on member.

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

JAMES F. COLLINS JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul ...

TC LL	20.0 PSF	REF R487-- 8918
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199017
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116310
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - 810)

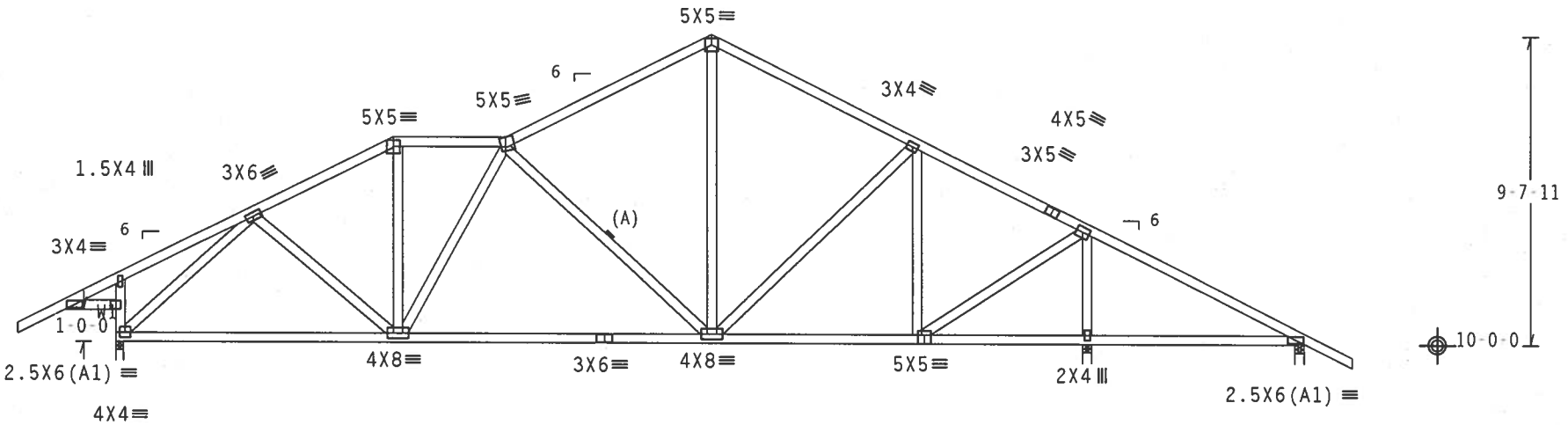
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

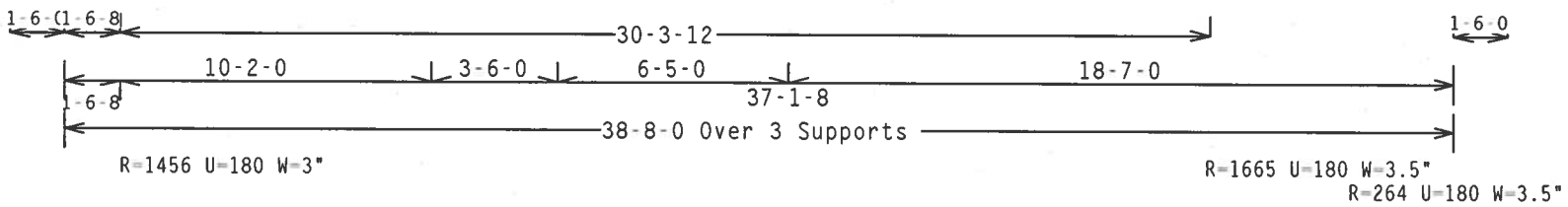
(A) Continuous lateral bracing equally spaced on member.

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

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 17

QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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Haines City, FL 33844
Certificate of Authorization # 567

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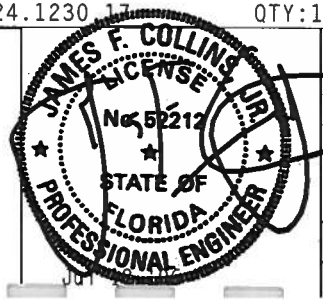


TC LL	20.0 PSF	REF R487-- 8919
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199018
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116333
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

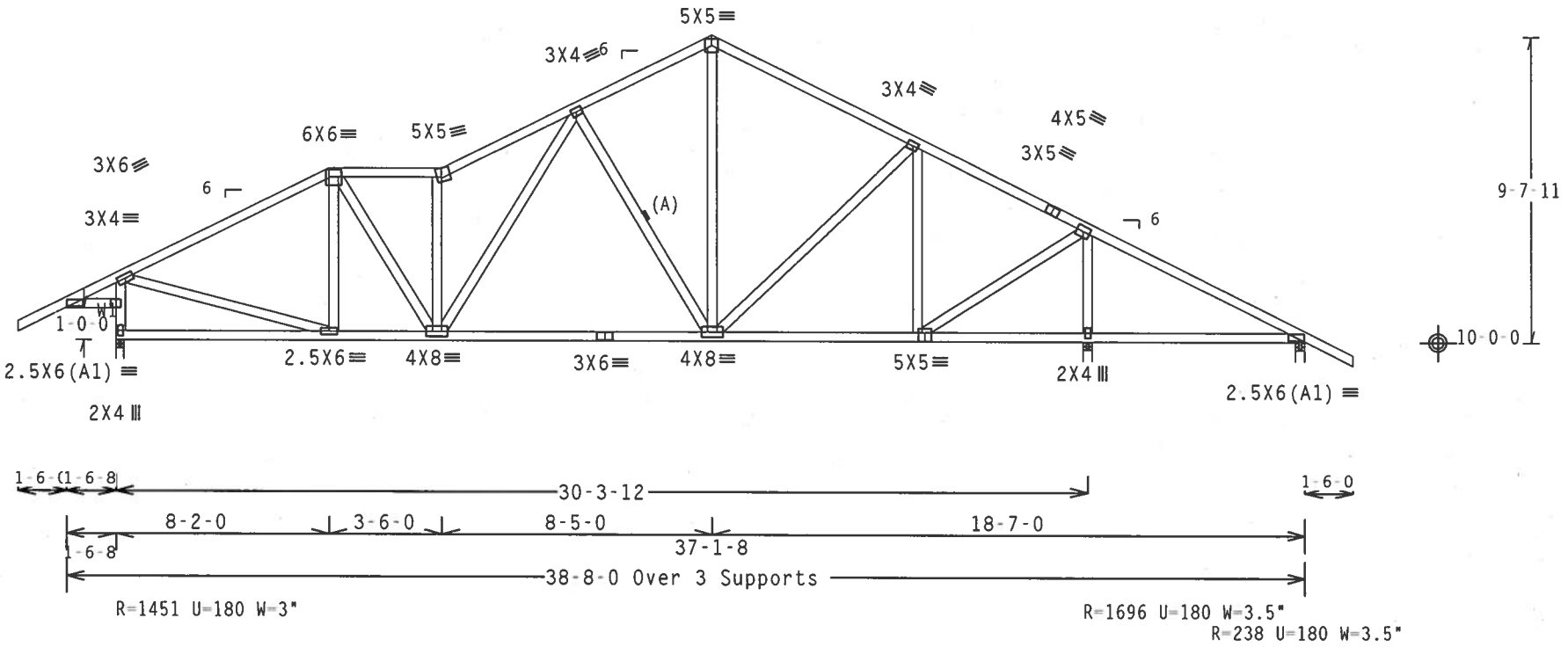
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member.

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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JAMES F. COLLINS, P.E. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 '06

TC LL	20.0 PSF	REF R487-- 8920
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199019
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116345
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

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

(A) Continuous lateral bracing equally spaced on member.

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

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

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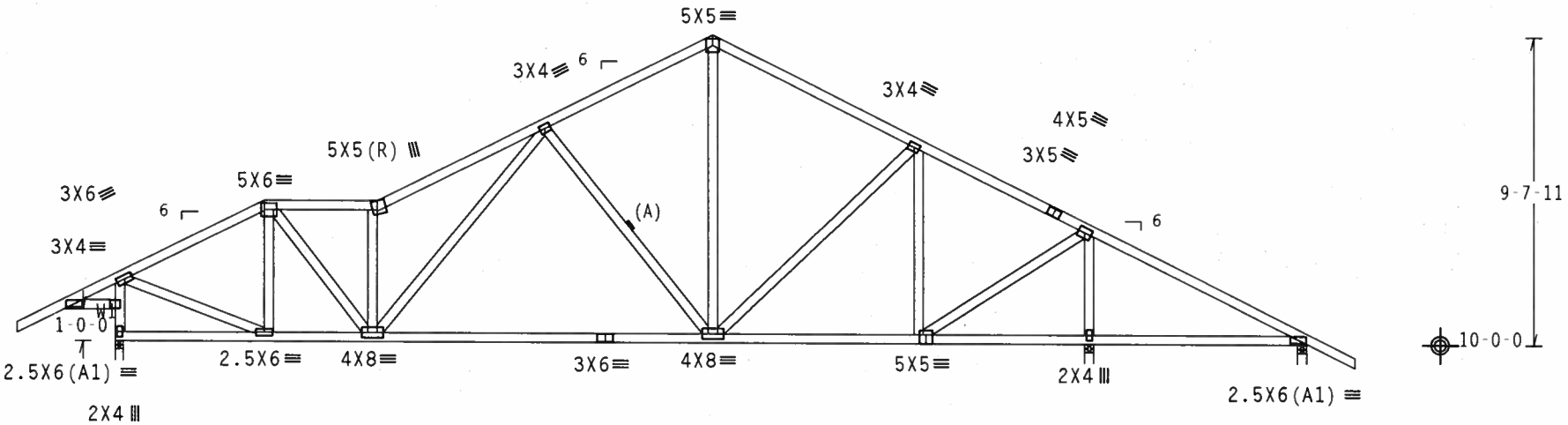

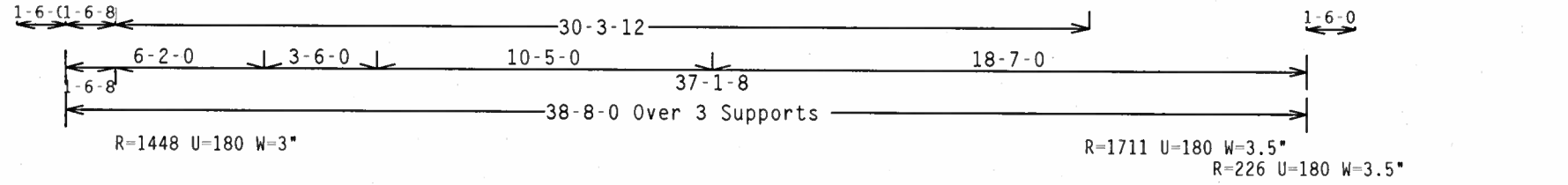

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230

QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 06

TC LL	20.0 PSF	REF R487-- 8921
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199020
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116356
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - B13)

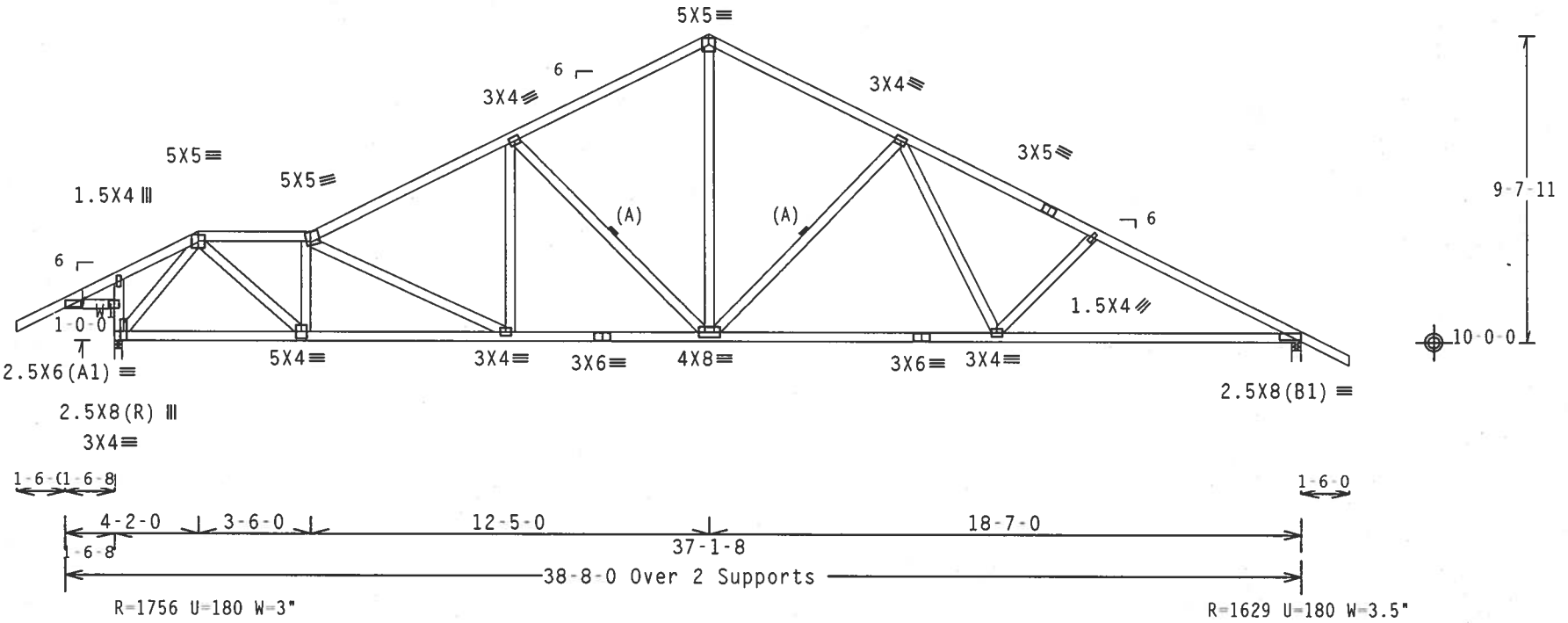
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

(A) Continuous lateral bracing equally spaced on member.

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 1[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]icate of [illegible]on # 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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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul[illegible]

TC LL	20.0 PSF	REF R487-- 8922
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199021
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116363
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

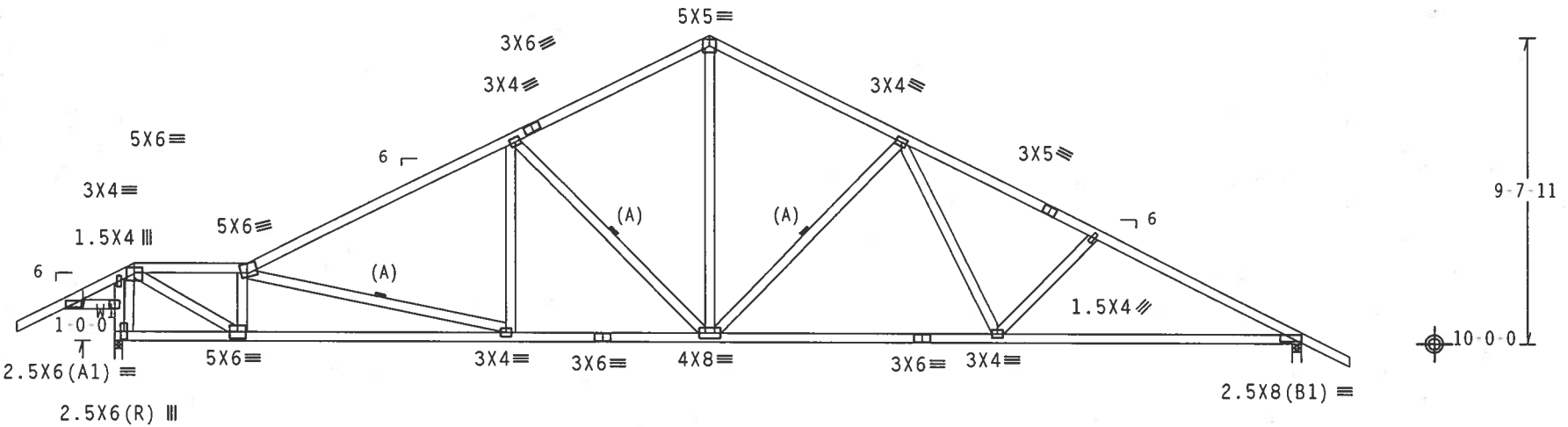
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:

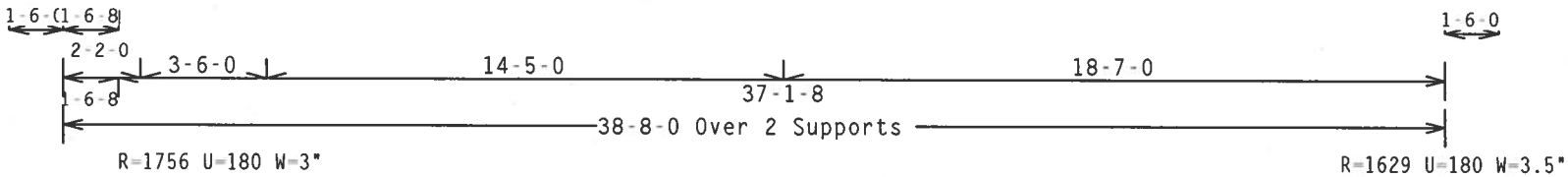
(A) Continuous lateral bracing equally spaced on member.

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

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.1

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

Scale =.1875"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
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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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18, 06

TC LL	20.0 PSF	REF R487-- 8923
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199022
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116383
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - C1)

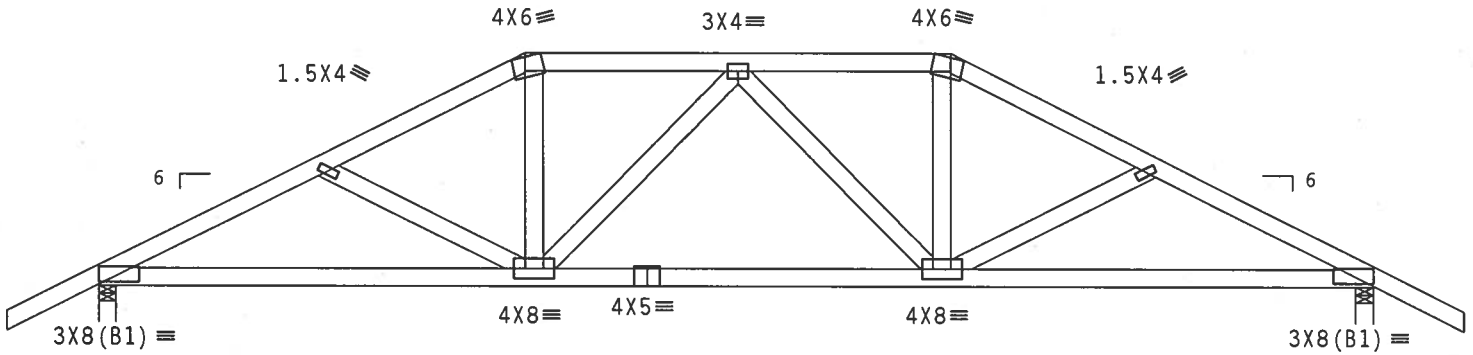
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

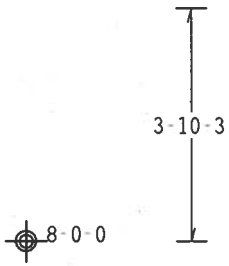
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

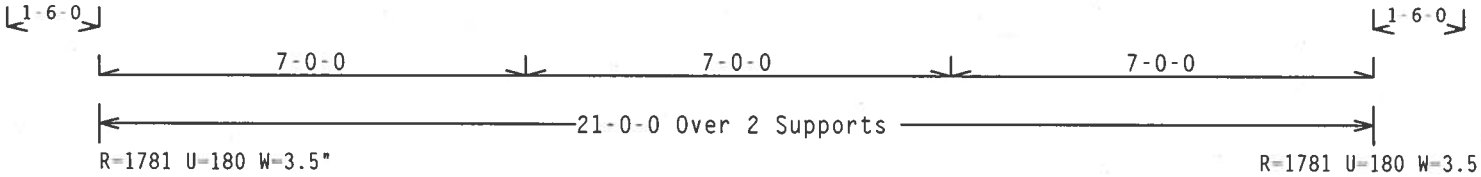
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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







Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
ficate of on # 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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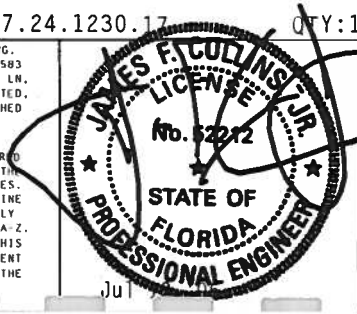


TC LL	20.0 PSF	REF R487-- 8924
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199023
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116212
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SZ0487 Z01

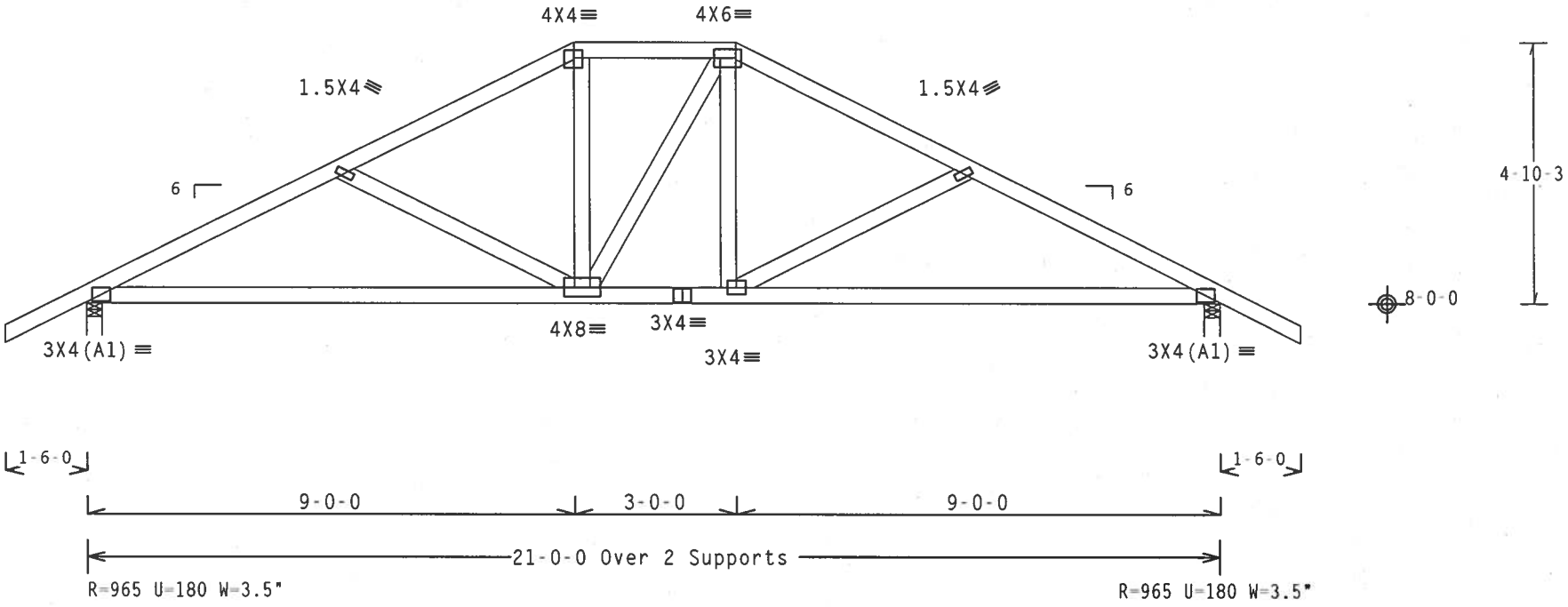
(6-273--Peterson Construction Cannon Creek #12 -- , ** - C2)

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230

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

Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 06

TC LL	20.0 PSF	REF R487-- 8925
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199024
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116218
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

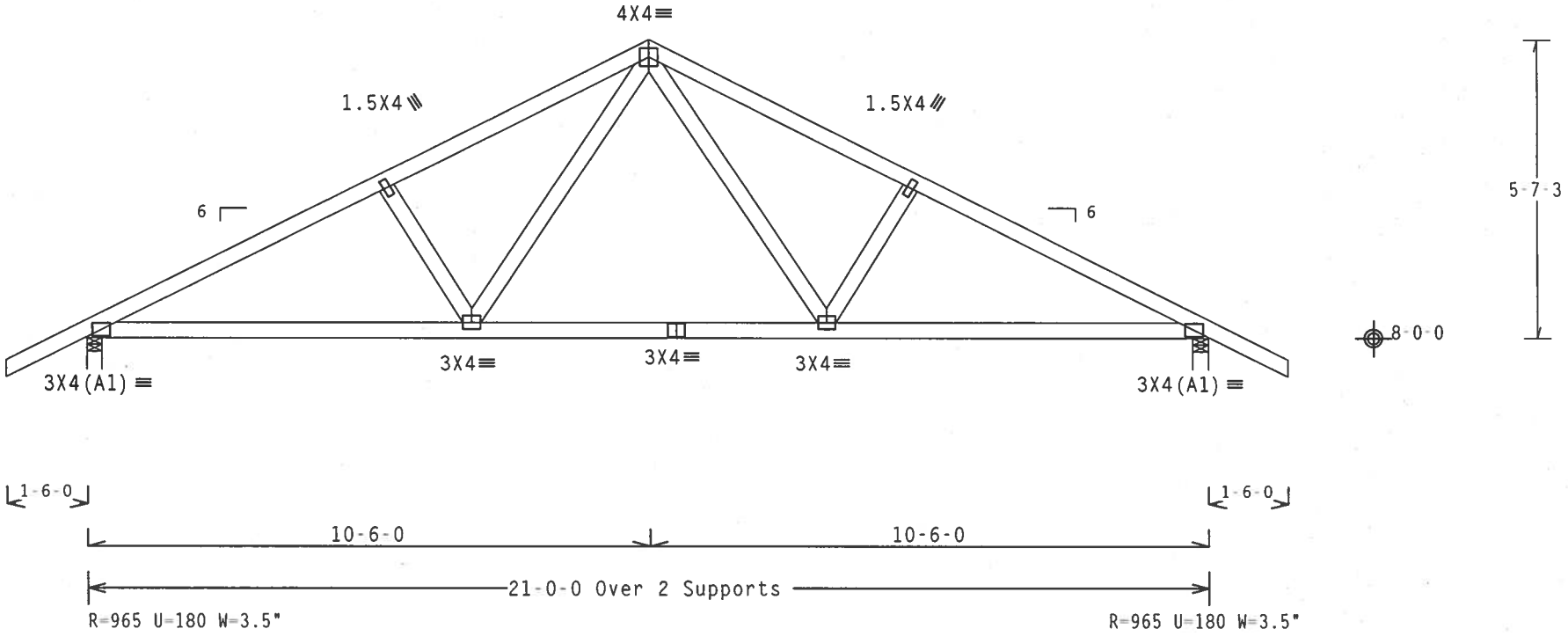
(6-273--Peterson Construction Cannon Creek #12 -- , ** - C3)

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:2 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

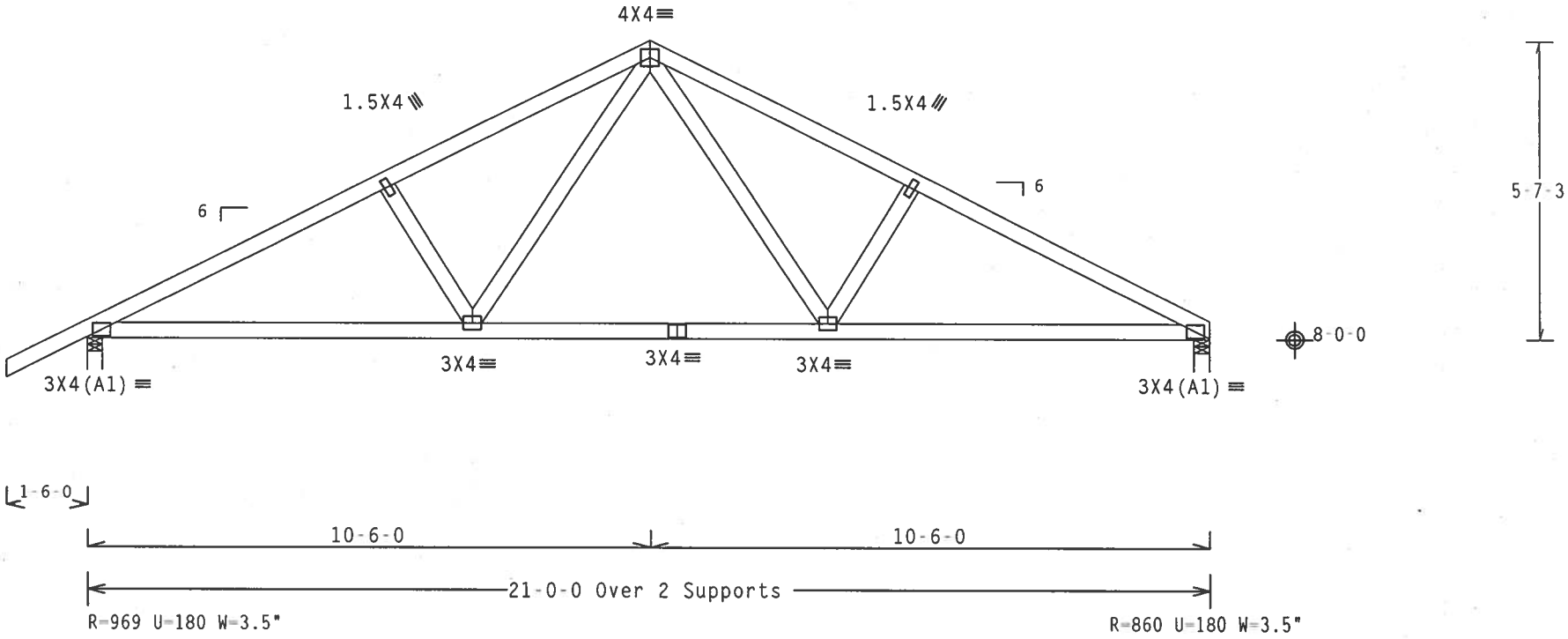
TC LL	20.0 PSF	REF R487-- 8926
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199025
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116224
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1SZ0487 Z01

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 [illegible] QTY:4 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible] # 567

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JAMES F. COLLINS JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 06

TC LL	20.0 PSF	REF R487-- 8927
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199026
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116229
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - HJ7)

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

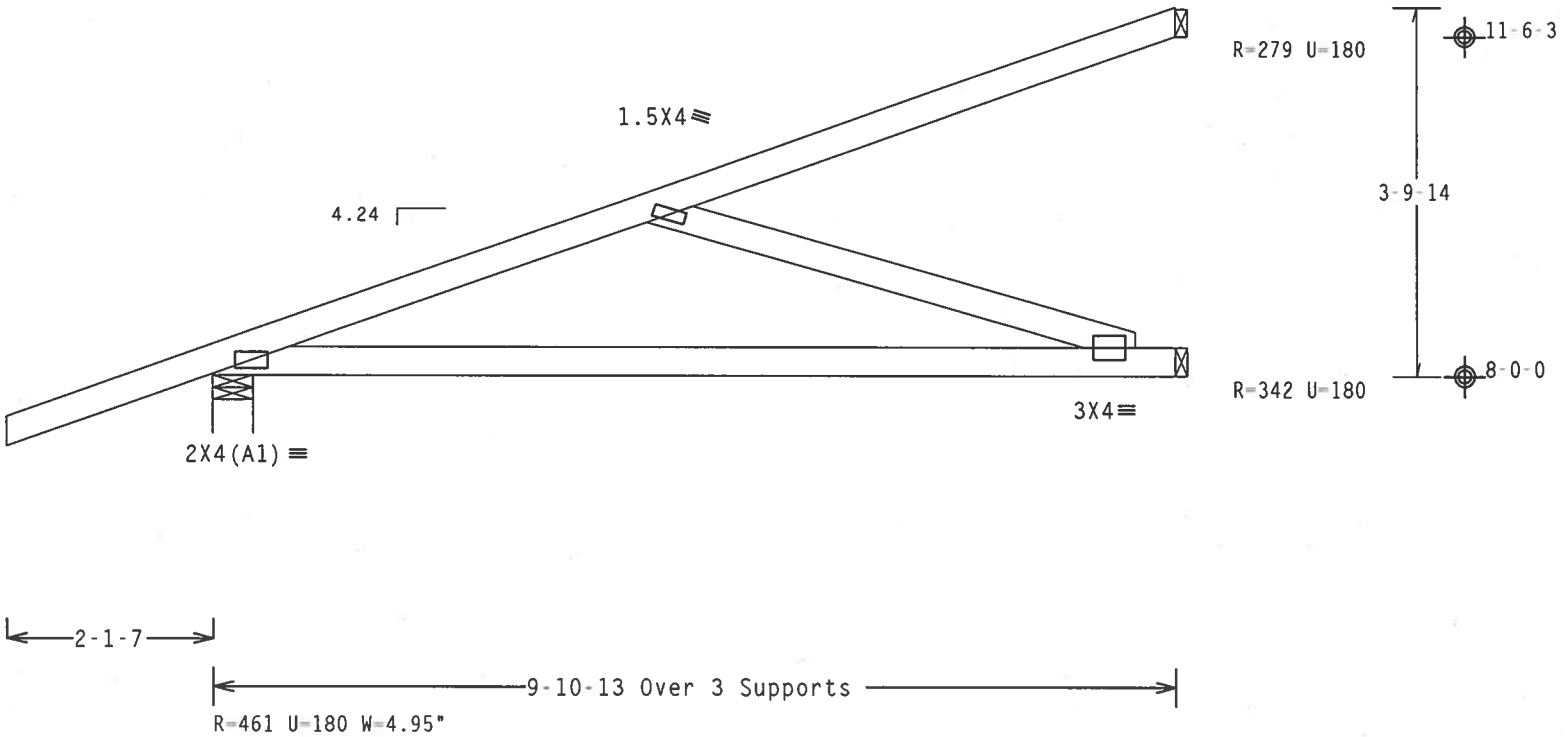
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:3 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
ficate of on # 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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JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R487-- 8928
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199027
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116206
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - EJ7)

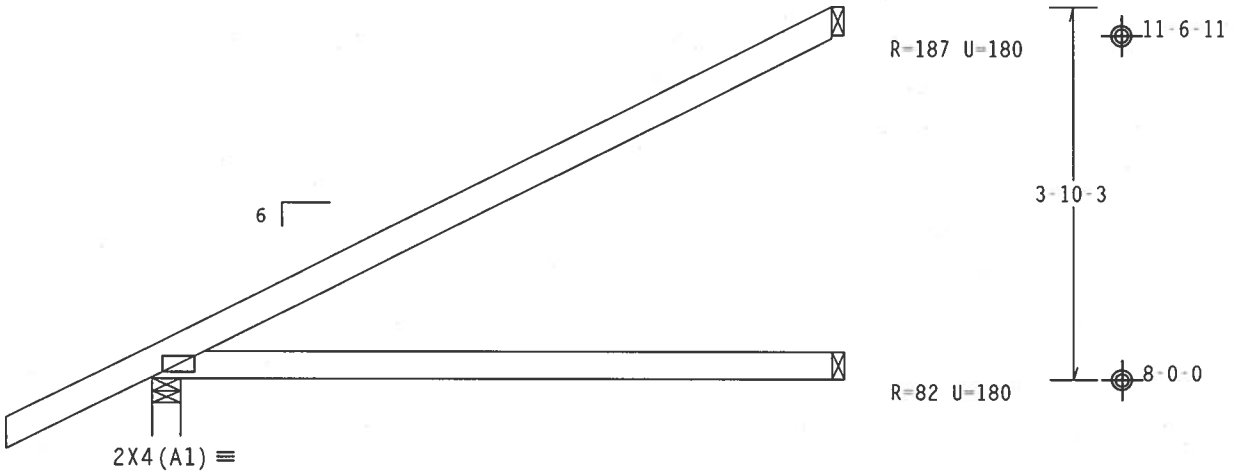
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

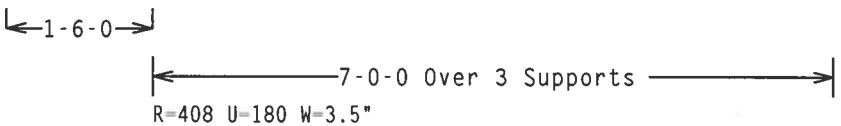
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.17

QTY:31 FL/-/4/-/-/R/-

Scale =.5"/Ft.

ALPINE

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	20.0 PSF	REF R487-- 8929
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199028
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116164
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - EJA1)

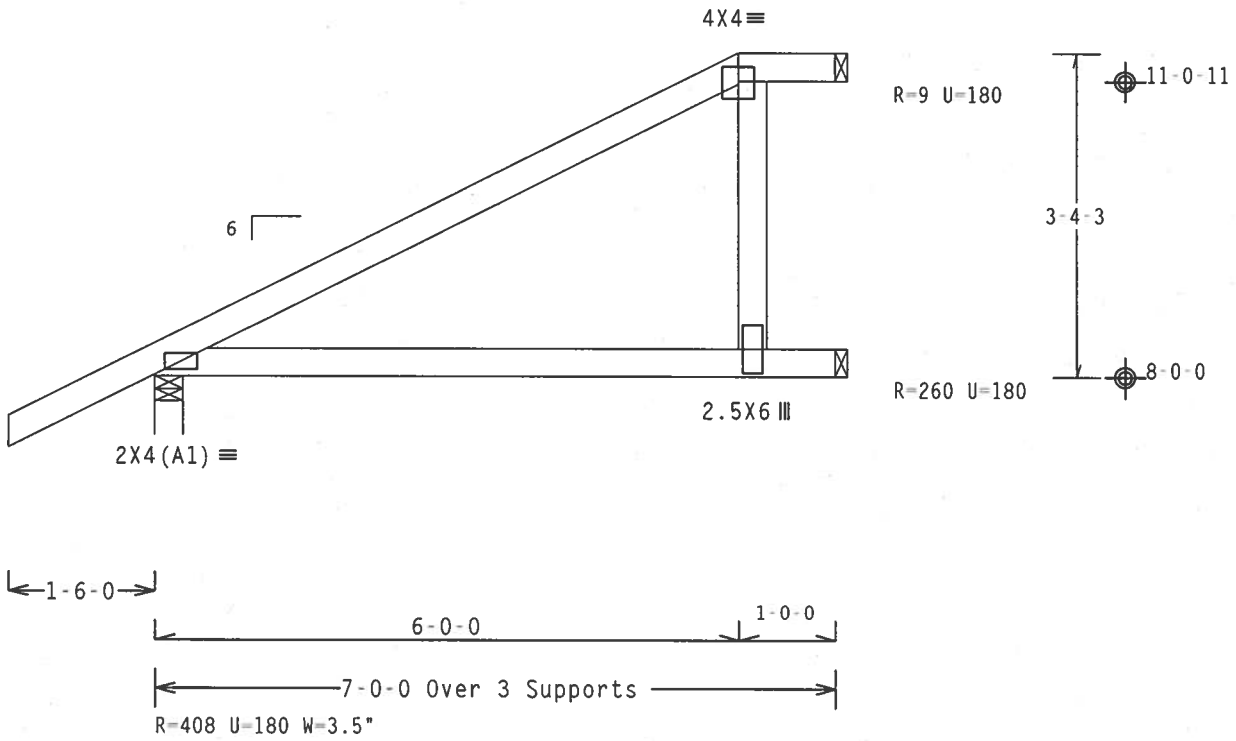
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.123 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Licate of [illegible]on # 567

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 '06

TC LL	20.0 PSF	REF R487-- 8930
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199029
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116447
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

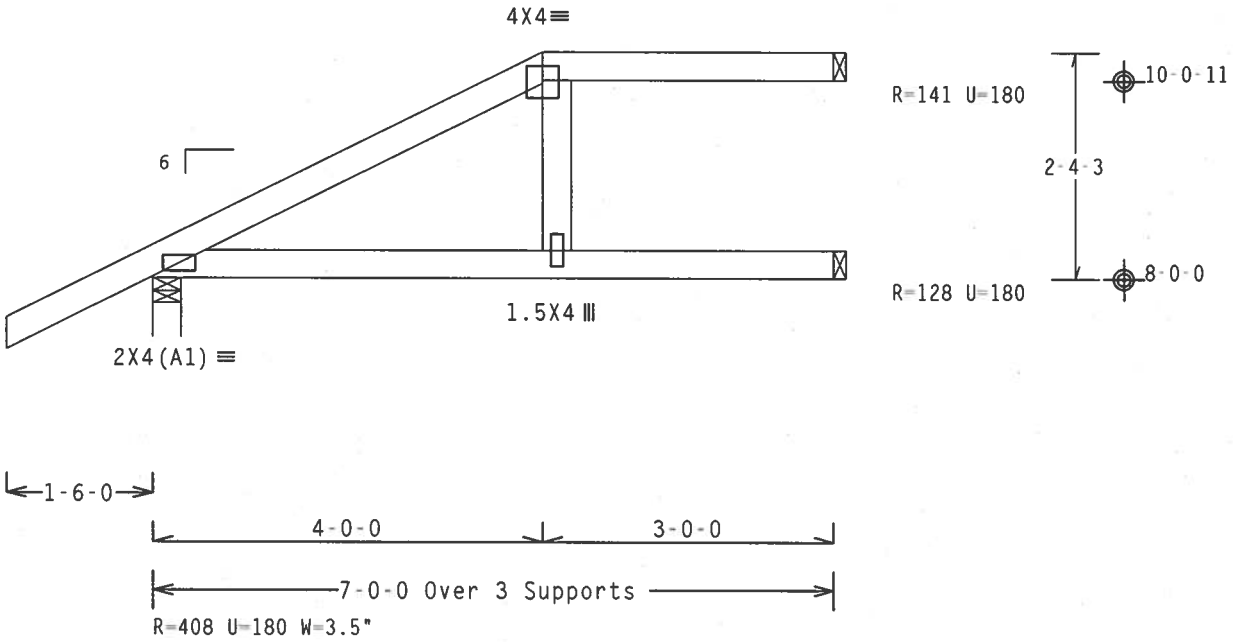
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.1[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 18 [illegible]

TC LL	20.0 PSF	REF R487-- 8931
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199030
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116450
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487 Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

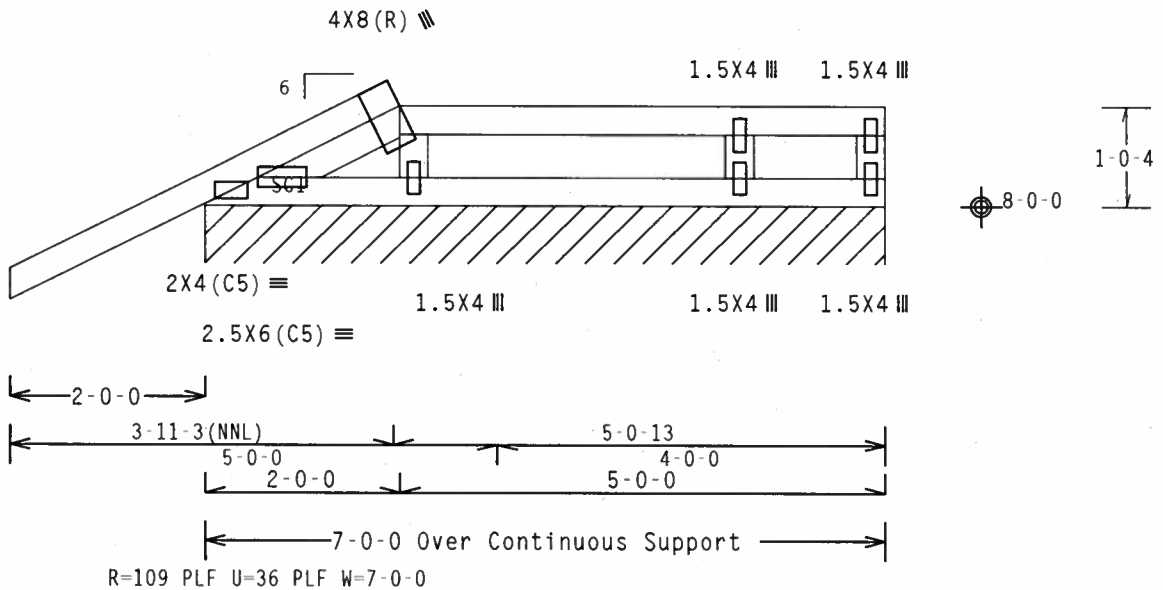
Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

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

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
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JAMES E. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF R487-- 8932
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199031
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116454
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SZ0487 Z01

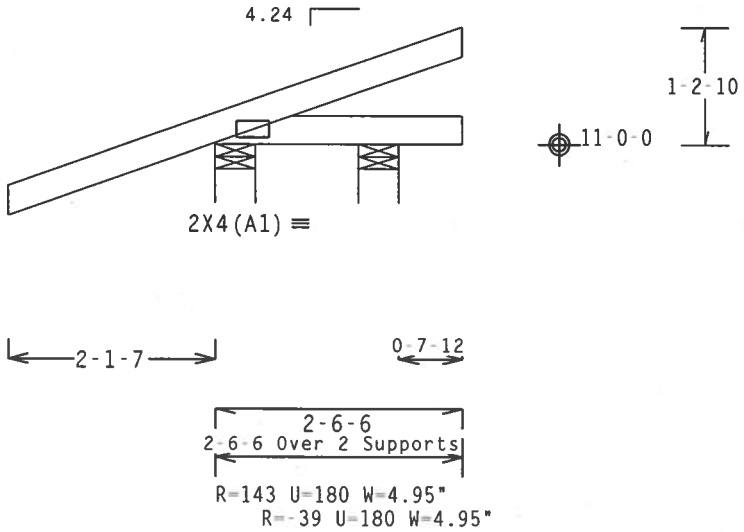
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

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

Hipjack supports 1-4-0 setback jacks with no webs.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:2 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
ificate of tion # 56

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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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF R487-- 8933
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199032
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116480
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1SZ0487_Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

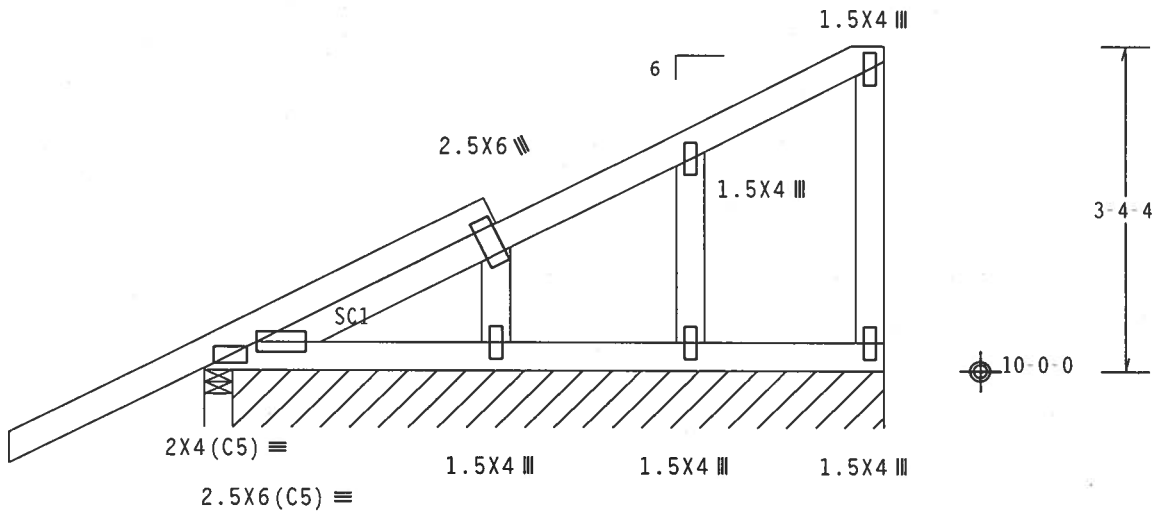
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

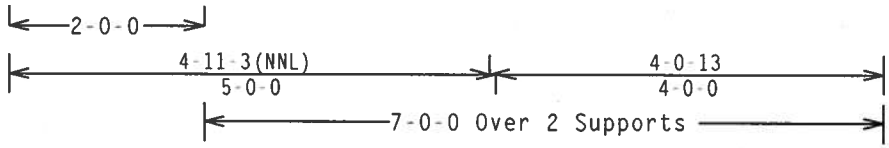
Right end vertical not exposed to wind pressure.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

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





R=448 U=180 W=3.5"
R=26 PLF U=39 PLF W=6-8-8

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.13

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
[illegible]ification o[illegible]tion # 56

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 [illegible]

TC LL	20.0 PSF	REF R487-- 8934
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199033
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116467
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - BM-GE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" o.c. intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" o.c. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice top chord in notchable area using 3x6.

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.

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

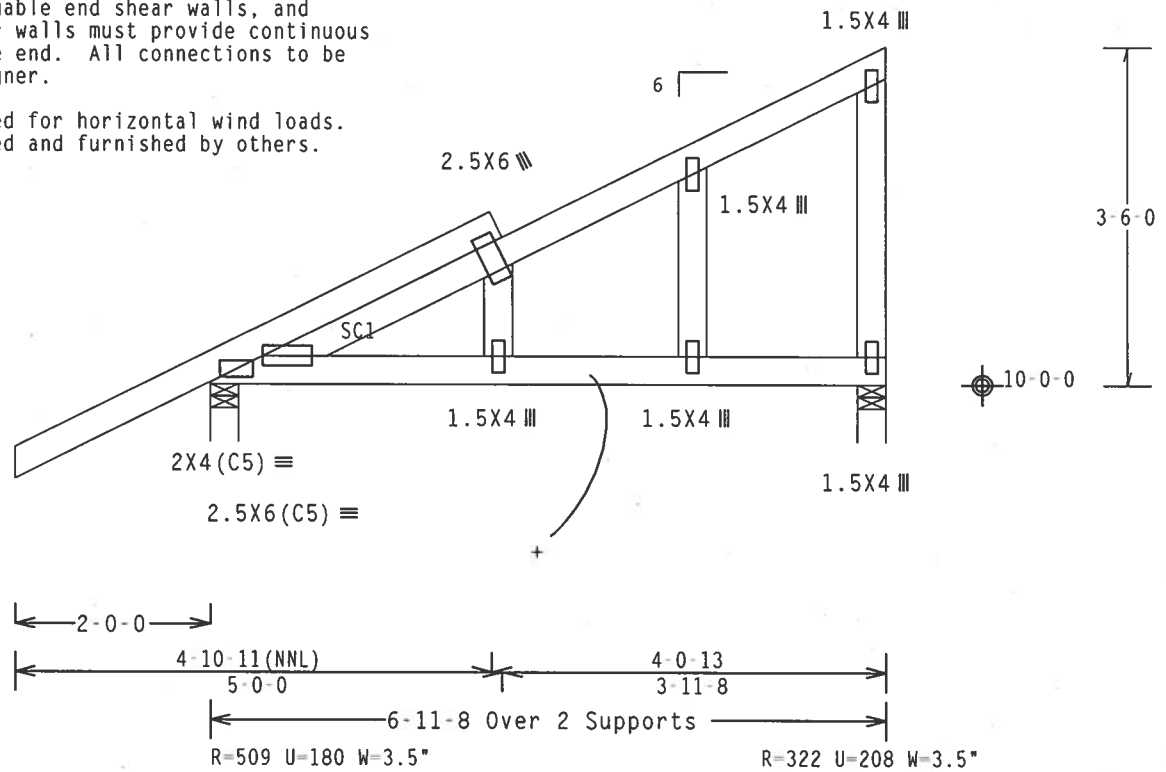
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Right end vertical not exposed to wind pressure.

See DWGS A11015EE0405 & GBLLETIN0405 for more requirements.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
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Haines City, FL 33844
ification of tion #56

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JAMES F. COLLINS, JR. LICENSED No.52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 18 06

TC LL	20.0 PSF	REF	R487-- 8935
TC DL	10.0 PSF	DATE	07/18/06
BC DL	10.0 PSF	DRW	HCUSR487 06199034
BC LL	0.0 PSF	HC-ENG	TCE/DLJ
TOT.LD.	40.0 PSF	SEQN-	116484
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1SZ0487_Z01

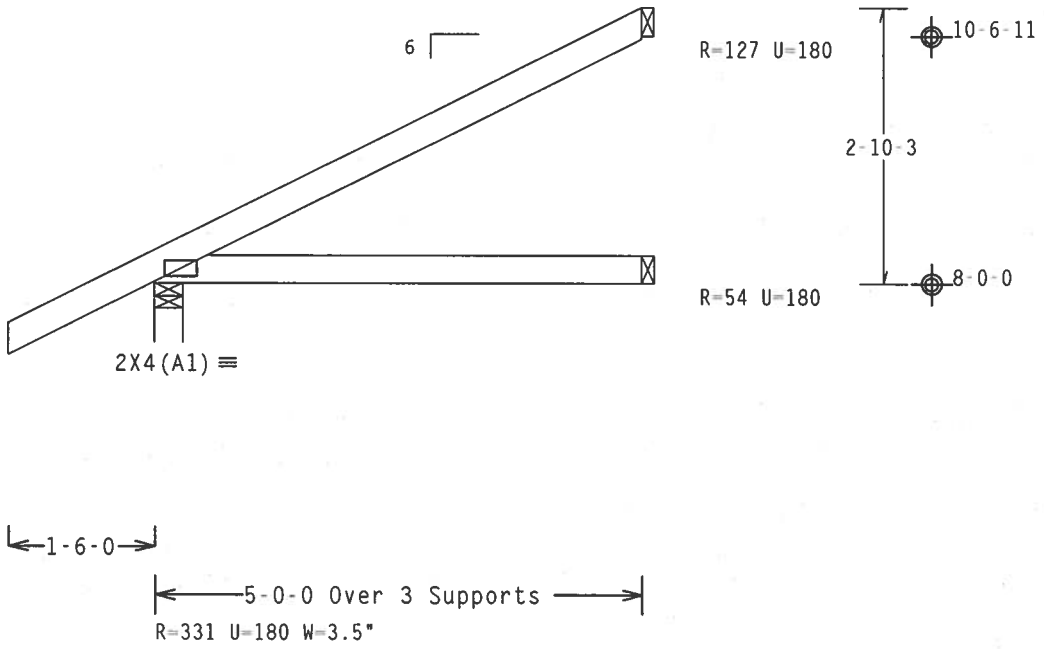
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:6 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate of Authorization #56

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JAMES F. COLLINS JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul

TC LL	20.0 PSF	REF R487-- 8936
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199035
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116180
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

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

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

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
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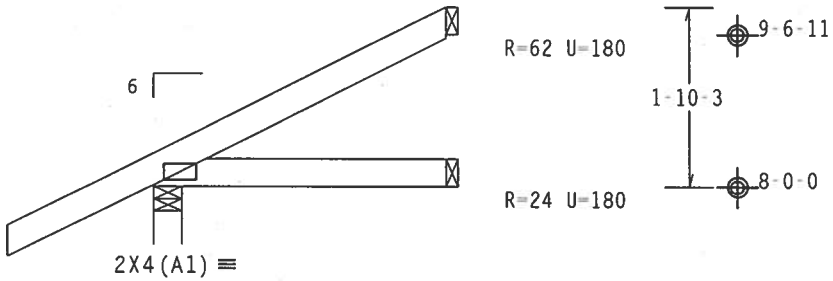
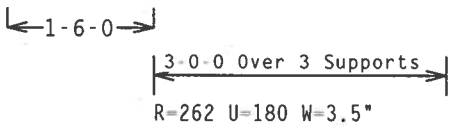
Deflection meets L/360 live and L/240 total load. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:6 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
ificate of tion # 56

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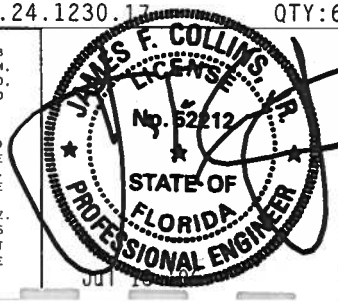


TC LL	20.0 PSF	REF R487-- 8937
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199036
BC LL	0.0 PSF	HC-ENG TCE/DLJ *
TOT.LD.	40.0 PSF	SEQN- 116185
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

(6-273--Peterson Construction Cannon Creek #12 -- , ** - J1)

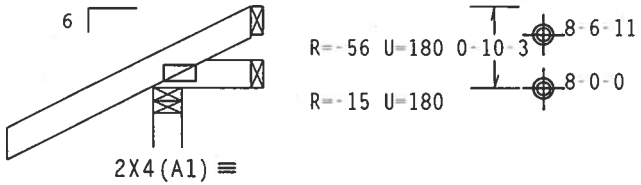
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

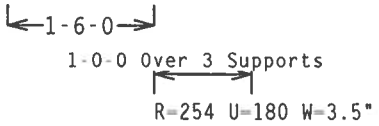
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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. Creep increase factor for dead load is 1.50.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.17 QTY:8 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
ification of tion #56

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JAMES F. COLVIN JR LICENSE No. 32212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul

TC LL	20.0 PSF	REF R487-- 8938
TC DL	10.0 PSF	DATE 07/18/06
BC DL	10.0 PSF	DRW HCUSR487 06199037
BC LL	0.0 PSF	HC-ENG TCE/DLJ
TOT.LD.	40.0 PSF	SEQN- 116190
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1SZ0487_Z01

ASCE 7-02: 110 MPH WIND SPEED, 15' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

SPRUCE-PINE-FIR	
#1 / #2	STANDARD
#3	STUD

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

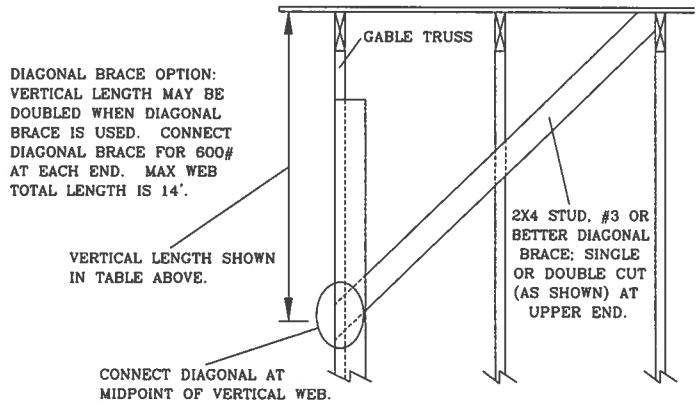
SOUTHERN PINE
#3
STUD
STANDARD

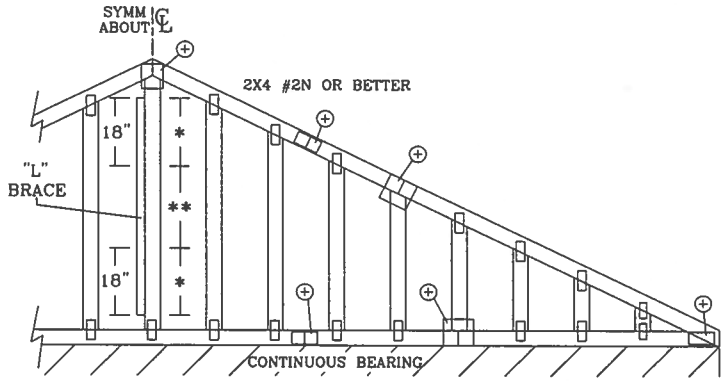
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 80 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

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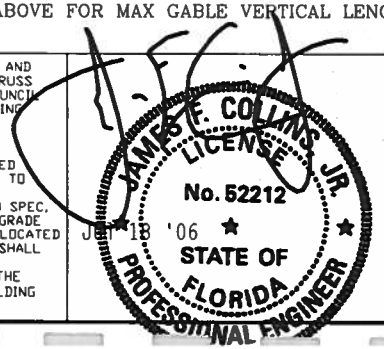


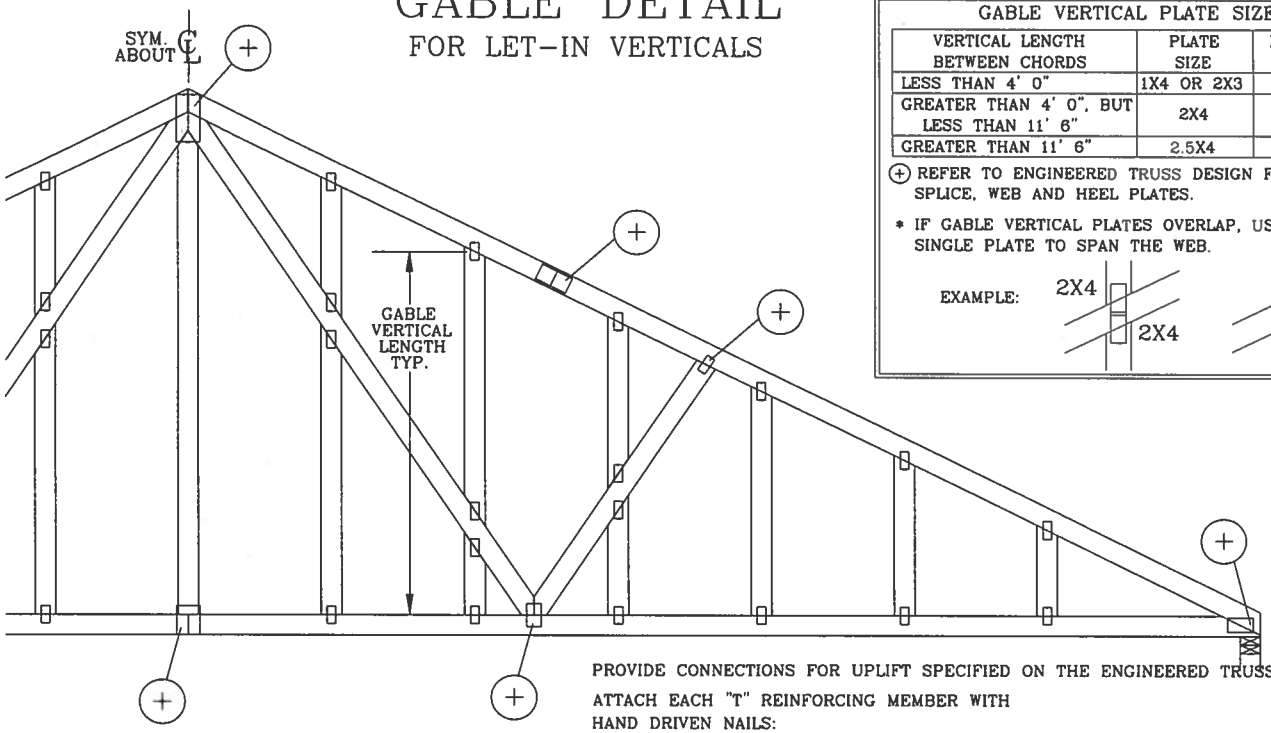
JUL 18 '06

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11015
DATE	04/15/05
DRWG	A11015EE0405
-ENG	

GABLE DETAIL
FOR LET-IN VERTICALS

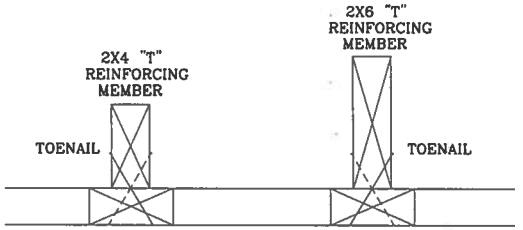


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ REFER TO ENGINEERED TRUSS DESIGN FOR PEAK, SPLICE, WEB AND HEEL PLATES.

* IF GABLE VERTICAL PLATES OVERLAP, USE A SINGLE PLATE TO SPAN THE WEB.

EXAMPLE:



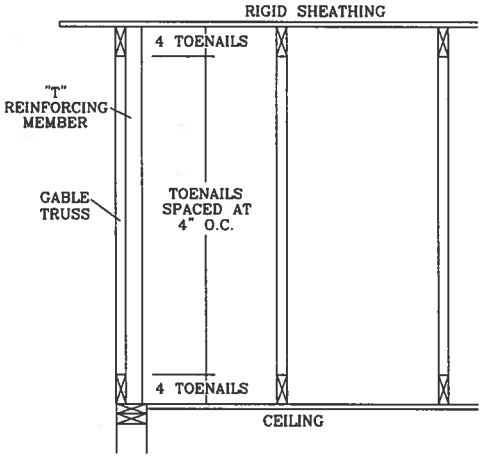
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH
HAND DRIVEN NAILS:
10d COMMON (0.148"X 3.",MIN) TOENAILS AT 4" O.C. PLUS
(4) 16d COMMON (0.162" X 3.5",MIN) TOENAILS IN TOP AND BOTTOM CHORD.
GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN1103, A10015EN1103, A09015EN1103, A08015EN1103, A07015EN1103
A11030EN1103, A10030EN1103, A09030EN1103, A08030EN1103, A07030EN1103
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC1103, A12015EC1103, A11015EC1103, A10015EC1103, A08515EC1103
A13030EC1103, A12030EC1103, A11030EC1103, A10030EC1103, A08530EC1103
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0405, A12015EE0405, A11015EE0405, A10015EE0405, A08515EE0405,
A13030EE0405, A12030EE0405, A11030EE0405, A10030EE0405, A08530EE0405

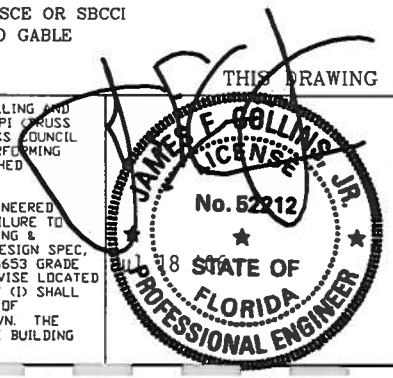
SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

ALPINE
ALPINE ENGINEERED PRODUCTS, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, 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 COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN 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 TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

REF	LET-IN VERT
DATE	04/14/05
DRWG	GBLLETIN0405
-ENG	DLJ/KAR