DATE 07/05/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025990

APPLICANT JULIUS HARDEN PHONE 904.964.7349

ADDRESS 5609 NW 177TH STREET STARKE FL 32091

OWNER TIMOTHY & ALLISON SCOTT PHONE 386.758.7818

ADDRESS 195 NW WHITEWATER GLENN LAKE CITY FL 32055

CONTRACTOR JULIUS HARDEN PHONE 904.964.7349

LOCATION OF PROPERTY 41-N TO PAST I-10 TO WHITEWATER GLN,TL NEXT TO FIRE DEPT.
300' ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 153750.00

HEATED FLOOR AREA 3076.00 TOTAL AREA 4047.00 HEIGHT 27.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

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

PARCEL ID 34-2S-16-01841-011 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 0.13

		CGC1510843		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
EXISTING	07-0467-N	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: 1 FOOT ABOVE ROAD. LEGAL NON-CONFORMING LOT OF RECORD BY PARCELS BEING CREATED AROUND THIS ONE. NOC ON FILE.

Check # or Cash 420

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 $ 770.00 CERTIFICATION FEE $ 20.23 SURCHARGE FEE $ 20.23

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ CULVERT FEE $ **TOTAL FEE** 860.46

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.

WARRANTY DEED
INDIVID. TO INDIVID.

This Warranty Deed *Made the* 14TH *day of* SEPTEMBER *A. D. 20*06 *by* ISIAH L. PARNELL, WHOSE MAILING ADDRESS IS U.S. EMBASSY MEXICO, P.O. BOX 9000 BROWNSVILLE, TEXAS 78520

hereinafter called the grantor, to TIMOTHY D. SCOTT AND ALLISON L. SCOTT AS HUSBAND AND WIFE

whose post office address is P.O. BOX 205, WHITE SPRINGS, FL 32096 *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 corporations)

Witnesseth: *That the grantor, for and in consideration of the sum of $* 13,500 *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:*

SEE ATTACHED EXHIBIT "A"

Inst:2007002701 Date:02/02/2007 Time:16:57
Doc Stamp-Deed : 94.50
$.4 DC,P.DeWitt Cason,Columbia County B:1109 P:2063

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

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

And *the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2005*

Property Appraiser's Parcel ID#
Grantee's Social Security No.

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:

Christopher A. Lambert
Christopher A. Lambert U.S. EMBASSY Mexico P.O. Box 9000 Brownsville, TX 78520

ISIAH L. PARNELL L.S.

Elizabeth Franke (ELIZABETH FRANKE) L.S.
U.S. EMBASSY Mexico P.O. Box 9000 Brownsville, TX 78520

STATE OF United Mexican States Federal District City of Mexico Embassy of the United States of America } a.c.
COUNTY OF

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared **ISIAH L. PARNELL**

to me known to be the person or produced identification , described in and who executed the foregoing instrument and acknowledged before me that HE executed the same, and did/did not take an oath.

WITNESS my hand and official seal in the County and State last aforesaid this JAN 10 2007 day of , A. D. 20

Jorge E. Lizarralde

This Instrument prepared by:
Address U.S. EMBASSY Mexico P.O. Box 9000 Brownsville, TX 78520

JORGE E. LIZARRALDE
VICE CONSUL

SPACE BELOW FOR RECORDERS USE

Columbia County Building Permit Application

For Office Use Only Application # 0706-58 Date Received 6/18 By JW Permit # 25990

Application Approved by - Zoning Official BLK Date 03.07.07 Plans Examiner OK JTH 7-2-07 Date 7-2-07

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

Comments SITE PLAN ON PLANS Legal Non-conforming Lot of Record by parcels being created around this one

☐ NOC ☑ EH ☑ Deed or PA ☑ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Perm

Name Authorized Person Signing Permit Julius Harden Fax 904-964-3353 Phone 904-964-7349 904-773-3662

Address 5609 N.W. 177th St., STARKE, FL 32091

Owners Name Timothy and Allison Scott Phone 386-758-7818

911 Address 195 N.W. Whitewater Glenn Lakecity, FL 32055

Contractors Name Millennium Mach, Inc. Phone 904-964-7349

Address PO Box 280 Starke, FL 32091

Fee Simple Owner Name & Address ~~xxx~~ same as above

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address N/A

Mortgage Lenders Name & Address Monticello Bank 327 S. Main Street Fitzgerald, GA 31750

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

Property ID Number R-34-25-16-01841-011 Estimated Cost of Construction 250,000

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

Driving Directions take HWY 41 North, go 2.6 miles passed I-10, turn left on White water Glenn next to fire departmen property is 300 feet on right.

Type of Construction NEW-SFD Number of Existing Dwellings on Property None

Total Acreage 1.34 Lot Size ___ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Dri - ON Parcel

Actual Distance of Structure from Property Lines - Front 115 Side 35 Side 58 Rear 142

Total Building Height 27 ft Number of Stories 1 Heated Floor Area 3076 TOTAL 4047 Roof Pitch 7-12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF 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 Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number CGC1510843

Competency Card Number

NOTARY STAMP/SEAL

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 18 day of 6 20 07. CK# 420

Personally known ___ or Produced Identification ✓

Notary Signature

(Revised Sept. 2006

COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787
PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 2/26/2007 **DATE ISSUED:** 3/9/2007

ENHANCED 9-1-1 ADDRESS:

195 NW WHITEWATER GLN

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

34-2S-16-01841-011

Remarks:

Address Issued By: _____
Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

662

Approved Address

MAR 0 9 2007

911Addressing/GIS Dept

Inst:200700270l Date:02/02/2007 Time:16:48
Doc Stamp-Deed : 94.50
DC,P.DeWitt Cason,Columbia County B:1109 P:2064

Exhibit A

MAP (

IN SECTION 34,

DESCRIPTION:

A TRACT OF LAND LYING IN SECTION 34, TOWNSHIP 2 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF COUNTRY LANE ESTATES, A SUBDIVISION AS RECORDED IN PLAT BOOK 5, PAGE 77, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, SAID CORNER ALSO BEING THE INTERSECTION OF THE NORTH LINE OF SAID SECTION 34 AND THE WESTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY 41; THENCE RUN S31°33'56"E ALONG SAID WESTERLY RIGHT OF WAY LINE A DISTANCE OF 391.79 FEET; THENCE S87°48'05"W ALONG THE SOUTH LINE OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 744 PAGE 1202 A DISTANCE OF 329.72 FEET TO THE POINT OF BEGINNING; THENCE N00°50'33"E ALONG THE WEST LINE OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 744 PAGE 1202 A DISTANCE OF 161.91 FEET; THENCE S89°03'47"W ALONG THE SOUTH LINE OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 508 PAGE 811 A DISTANCE OF 318.15 FEET; THENCE S00°52'00"E ALONG THE EAST LINE OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 581 PAGE 371 A DISTANCE OF 208.64 FEET; THENCE N80°34'08"E A DISTANCE OF 316.92 FEET TO THE POINT OF BEGINNING. (CONTAINING 1.34 ACRES MORE OR LESS).

SOUTH

TOGETHER WITH AN EASEMENT FOR INGRESS, EGRESS AND UTILITIES BEING 10 FEET WIDE AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF COUNTRY LANE ESTATES, A SUBDIVISION AS RECORDED IN PLAT BOOK 5, PAGE 77, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA, SAID CORNER ALSO BEING THE INTERSECTION OF THE NORTH LINE OF SAID SECTION 34 AND THE WESTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY 41; THENCE RUN S31°33'56"E ALONG SAID WESTERLY RIGHT OF WAY LINE A DISTANCE OF 391.79 FEET TO THE POINT OF BEGINNING; THENCE S87°48'05"W ALONG THE SOUTH LINE OF LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 744 PAGE 1202 A DISTANCE OF 329.72 FEET; THENCE S80°34'08"W A DISTANCE OF 79.43 FEET; THENCE N87°48'05"E A DISTANCE OF 414.14 FEET TO THE WESTERLY RIGHT OF WAY LINE OF U.S. HIGHWAY 41; THENCE N31°33'56"W ALONG SAID WESTERLY RIGHT OF WAY LINE A DISTANCE OF 11.47 FEET TO THE POINT OF BEGINNING.

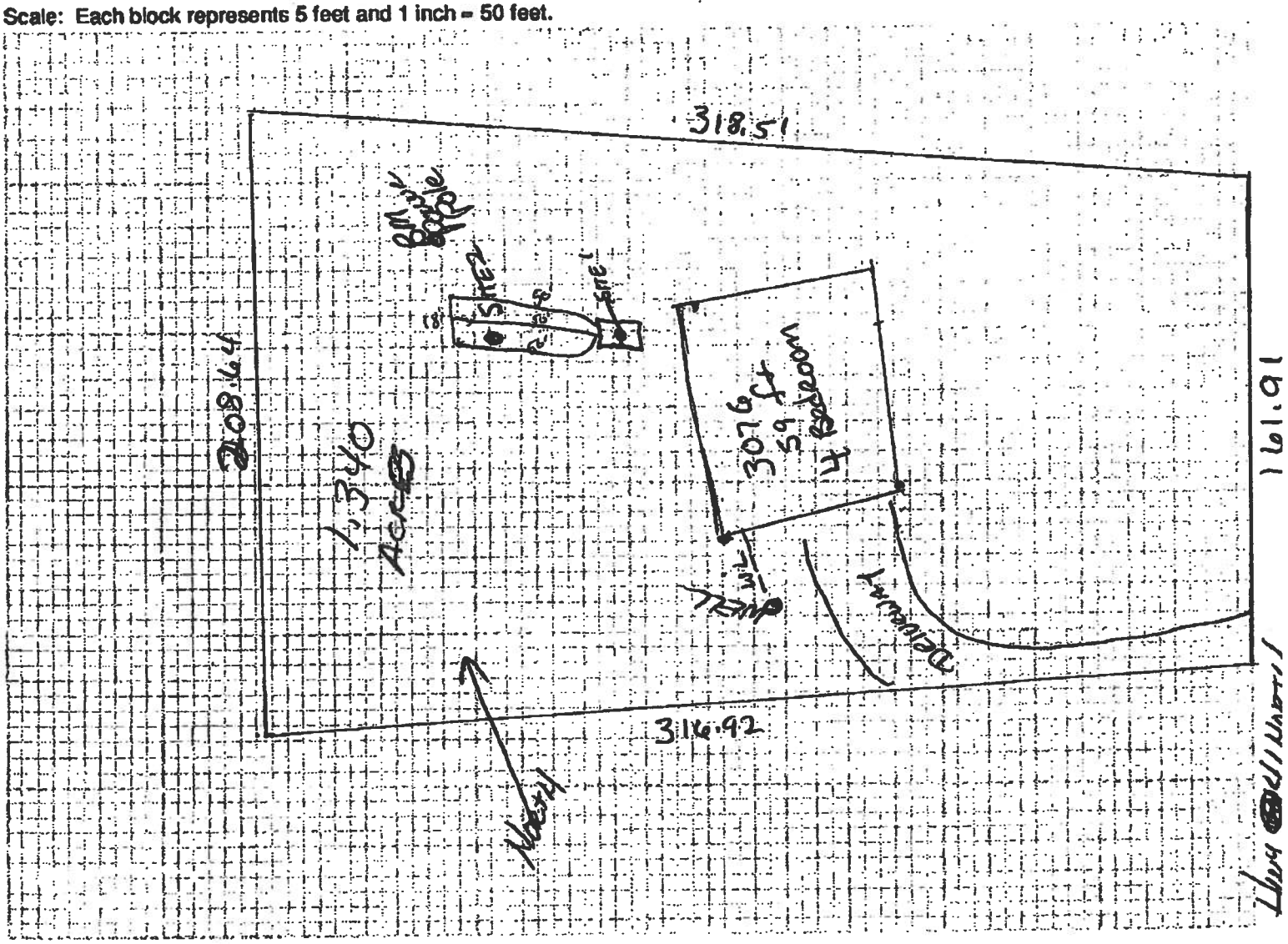
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0467-N

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.



Notes: TIM SCOTT
34-25-16-01841-011

Site Plan submitted by: Robert W Ford (Signature) Agent (Title)

Plan Approved ✓ Not Approved _____ Date 6/12/07

By _____ Columbia County Health Department

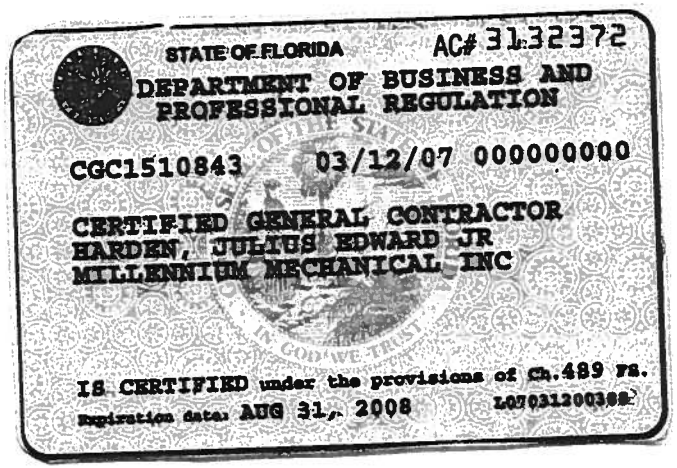
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

@ CAM112M01 S CamaUSA Appraisal System Columbia County
6/04/2007 15:23 **Legal Description Maintenance** **11792** **Land** **001**
Year T Property Sel **AG** **000**
2007 R 34-2S-16-01841-011 **Bldg** **000**
Xfea **000**
SCOTT TIMOTHY D & ALLISON L **11792** **TOTAL** **B***

1	COMM AT SE COR OF COUNTRY LANE	ESTATE AND INTERS OF NORTH	2
3	LINE OF SEC, RUN SE ALONG W	R/W OF U S HWY 41, 391.79 FT,	4
5	W 329.72 FT FOR POB, RUN NORTH	161.91 FT, W 318.15 FT, SOUTH	6
7	208.64 FT, E 316.92 FT TO POB	ORB 1108-2063	8
9			10
11			12
13			14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt **2/08/2007 LARRY**

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More



STATE OF FLORIDA AC# 3132372

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CGC1510843 03/12/07 000000000

CERTIFIED GENERAL CONTRACTOR
HARDEN, JULIUS EDWARD JR
MILLENNIUM MECHANICAL INC

IS CERTIFIED under the provisions of Ch.489 FS.

Expiration date: AUG 31, 2008 L07031200388

FORM 600A-2001

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Timothy Scott**	Builder:	
Address:	**195 NW Whitewater Glen**	Permitting Office:	Columbia
City, State:	**Lake City, FL 32055-**	Permit Number:	25990
Owner:	**Timothy Scott**	Jurisdiction Number:	221000
Climate Zone:	**Central**		

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		4	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		3076 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear glass, default U-factor	0.0 ft²	0.0 ft²	
b. Default tint	0.0 ft²	220.0 ft²	
c. Labeled U or SHGC	0.0 ft²	0.0 ft²	
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=9.0, 290.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 710.0 ft²	
b. Frame, Wood, Exterior		R=13.0, 570.0 ft²	
c. Frame, Wood, Exterior		R=13.0, 350.0 ft²	
d. Frame, Wood, Exterior		R=13.0, 320.0 ft²	
e. 4 Others		620.0 ft²	
10. Ceiling types			
a. Under Attic		R=30.0, 3076.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 40.0 ft	
b. N/A			

12. Cooling systems		
a. Central Unit	Cap: 60000.0 kBtu/hr	
	SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 60000.0 kBtu/hr	
	HSPF: 8.30	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 50.0 gallons	
	EF: 0.90	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	

Glass/Floor Area: 0.07

Total as-built points: 29789

Total base points: 42351

PASS

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

PREPARED BY: Hal W. Marantz

DATE: 6-18-07

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

OWNER/AGENT: _____

DATE: _____

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

GREAT SEAL OF THE STATE OF FLORIDA * IN GOD WE TRUST *

BUILDING OFFICIAL: _____

DATE: _____

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **195 NW Whitewater Glen, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	3076.0	25.78	14273.9	Double, Tint	N	2.0	10.0	45.0	20.63	0.96	893.0	
				Double, Tint	N	2.0	10.0	9.0	20.63	0.96	178.6	
				Double, Tint	E	2.0	10.0	20.0	45.16	0.95	858.3	
				Double, Tint	E	2.0	10.0	60.0	45.16	0.95	2575.0	
				Double, Tint	S	2.0	10.0	12.0	33.69	0.92	370.3	
				Double, Tint	W	2.0	10.0	30.0	40.60	0.95	1156.7	
				Double, Tint	W	12.0	10.0	20.0	40.60	0.50	405.3	
				Double, Tint	W	2.0	10.0	9.0	40.60	0.95	347.0	
				Double, Tint	W	2.0	10.0	15.0	40.60	0.95	578.3	
				As-Built Total:				**220.0**			**7362.6**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =	Points		
Adjacent	430.0	0.70	301.0	Frame, Wood, Exterior			13.0	570.0	1.70	969.0		
Exterior	2140.0	1.90	4066.0	Frame, Wood, Exterior			13.0	320.0	1.70	544.0		
				Frame, Wood, Adjacent			13.0	180.0	0.60	108.0		
				Frame, Wood, Adjacent			13.0	250.0	0.60	150.0		
				Frame, Wood, Exterior			13.0	350.0	1.70	595.0		
				Frame, Wood, Exterior			13.0	710.0	1.70	1207.0		
				Frame, Wood, Exterior			13.0	140.0	1.70	238.0		
				Frame, Wood, Exterior			13.0	50.0	1.70	85.0		
Base Total:	**2570.0**		**4367.0**	**As-Built Total:**				**2570.0**		**3896.0**		
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =	Points		
Adjacent	21.0	1.60	33.6	Exterior Insulated				144.0	4.80	691.2		
Exterior	168.0	4.80	806.4	Exterior Insulated				24.0	4.80	115.2		
				Adjacent Insulated				21.0	1.60	33.6		
Base Total:	**189.0**		**840.0**	**As-Built Total:**				**189.0**		**840.0**		
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =	Points		
Under Attic	3076.0	2.13	6551.9	Under Attic			30.0	3076.0	2.13 X 1.00	6551.9		
Base Total:	**3076.0**		**6551.9**	**As-Built Total:**				**3076.0**		**6551.9**		
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =	Points		
Slab	290.0(p)	-31.8	-9222.0	Slab-On-Grade Edge Insulation			9.0	290.0(p	-31.60	-9164.0		
Raised	0.0	0.00	0.0									
Base Total:			**-9222.0**	**As-Built Total:**				**290.0**		**-9164.0**		

FORM 600A-2001

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **195 NW Whitewater Glen, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points				Area X	SPM	=	Points
	3076.0	14.31	44017.6				3076.0	14.31		44017.6
Summer Base Points:			**60828.3**	**Summer As-Built Points:**						**53504.0**
Total Summer Points	X System Multiplier		= Cooling Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Cooling Points
60828.3	**0.4266**		**25949.4**	53504.0 **53504.0**	1.000 **1.00**	(1.087 x 1.150 x 1.00) **1.250**	0.262 **0.262**	0.902 **0.902**		15833.3 **15833.3**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **195 NW Whitewater Glen, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	3076.0	5.86	3244.6	Double, Tint	N	2.0	10.0	45.0	11.29	1.00	506.5
				Double, Tint	N	2.0	10.0	9.0	11.29	1.00	101.3
				Double, Tint	E	2.0	10.0	20.0	9.46	1.01	191.5
				Double, Tint	E	2.0	10.0	60.0	9.46	1.01	574.4
				Double, Tint	S	2.0	10.0	12.0	7.70	1.02	94.5
				Double, Tint	W	2.0	10.0	30.0	10.07	1.01	303.6
				Double, Tint	W	12.0	10.0	20.0	10.07	1.09	220.4
				Double, Tint	W	2.0	10.0	9.0	10.07	1.01	91.1
				Double, Tint	W	2.0	10.0	15.0	10.07	1.01	151.8
				As-Built Total:				**220.0**			**2235.2**

WALL TYPES	Area X	BWPM =	Points	Type	R-Value	Area X	WPM =	Points
Adjacent	430.0	1.80	774.0	Frame, Wood, Exterior	13.0	570.0	1.80	1026.0
Exterior	2140.0	2.00	4280.0	Frame, Wood, Exterior	13.0	320.0	1.80	576.0
				Frame, Wood, Adjacent	13.0	180.0	1.60	288.0
				Frame, Wood, Adjacent	13.0	250.0	1.60	400.0
				Frame, Wood, Exterior	13.0	350.0	1.80	630.0
				Frame, Wood, Exterior	13.0	710.0	1.80	1278.0
				Frame, Wood, Exterior	13.0	140.0	1.80	252.0
				Frame, Wood, Exterior	13.0	50.0	1.80	90.0
Base Total:	**2570.0**		**5054.0**	**As-Built Total:**		**2570.0**		**4540.0**

DOOR TYPES	Area X	BWPM =	Points	Type	Area X	WPM =	Points
Adjacent	21.0	4.00	84.0	Exterior Insulated	144.0	5.10	734.4
Exterior	168.0	5.10	856.8	Exterior Insulated	24.0	5.10	122.4
				Adjacent Insulated	21.0	4.00	84.0
Base Total:	**189.0**		**940.8**	**As-Built Total:**	**189.0**		**940.8**

CEILING TYPES	Area X	BWPM =	Points	Type	R-Value	Area X	WPM X WCM =	Points
Under Attic	3076.0	0.64	1968.6	Under Attic	30.0	3076.0	0.64 X 1.00	1968.6
Base Total:	**3076.0**		**1968.6**	**As-Built Total:**		**3076.0**		**1968.6**

FLOOR TYPES	Area X	BWPM =	Points	Type	R-Value	Area X	WPM =	Points
Slab	290.0(p)	-1.9	-551.0	Slab-On-Grade Edge Insulation	9.0	290.0(p	-2.70	-783.0
Raised	0.0	0.00	0.0					
Base Total:			**-551.0**	**As-Built Total:**		**290.0**		**-783.0**

FORM 600A-2001

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **195 NW Whitewater Glen, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points				Area X	WPM	=	Points
	3076.0	-0.28	-861.3				3076.0	-0.28		-861.3
Winter Base Points:			**9795.7**	**Winter As-Built Points:**						**8040.3**
Total Winter Points	X System Multiplier	=	Heating Points	Total Component	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Heating Points
9795.7	**0.6274**		**6145.8**	8040.3 **8040.3**	1.000 **1.00**	(1.078 x 1.160 x 1.00) **1.250**	0.411 **0.411**	0.950 **0.950**		3927.7 **3927.7**

FORM 600A-2001

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **195 NW Whitewater Glen, Lake City, FL, 32055-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4		2564.00	10256.0	50.0	0.90	4	1.00	2507.02	1.00	10028.1	
				As-Built Total:						**10028.1**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
25949	**6146**	**10256**	**42351**	**15833**	**3928**	**10028**	**29789**

PASS

FORM 600A-2001

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **195 NW Whitewater Glen, Lake City, FL, 32055-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 88.7

The higher the score, the more efficient the home.

Timothy Scott, 195 NW Whitewater Glen, Lake City, FL, 32055-

1. New construction or existing		New	
2. Single family or multi-family		Single family	
3. Number of units, if multi-family		1	
4. Number of Bedrooms		4	
5. Is this a worst case?		No	
6. Conditioned floor area (ft²)		3076 ft²	
7. Glass area & type	Single Pane	Double Pane	
a. Clear - single pane	0.0 ft²	0.0 ft²	
b. Clear - double pane	0.0 ft²	220.0 ft²	
c. Tint/other SHGC - single pane	0.0 ft²	0.0 ft²	
d. Tint/other SHGC - double pane			
8. Floor types			
a. Slab-On-Grade Edge Insulation		R=9.0, 290.0(p) ft	
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior		R=13.0, 710.0 ft²	
b. Frame, Wood, Exterior		R=13.0, 570.0 ft²	
c. Frame, Wood, Exterior		R=13.0, 350.0 ft²	
d. Frame, Wood, Exterior		R=13.0, 320.0 ft²	
e. 4 Others		620.0 ft²	
10. Ceiling types			
a. Under Attic		R=30.0, 3076.0 ft²	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage		Sup. R=6.0, 40.0 ft	
b. N/A			

12. Cooling systems	
a. Central Unit	Cap: 60000.0 kBtu/hr
	SEER: 13.00
b. N/A	
c. N/A	
13. Heating systems	
a. Electric Heat Pump	Cap: 60000.0 kBtu/hr
	HSPF: 8.30
b. N/A	
c. N/A	
14. Hot water systems	
a. Electric Resistance	Cap: 50.0 gallons
	EF: 0.90
b. N/A	
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	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 850/488-1824.*

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

THE UNDERSIGNED hereby gives notice that improvement will be made to certain real property, and inaccordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Tax Parcel ID Number R34-2S-16-01841-011 Permit Number _____

1. Description of property: (legal description of the property and street address or 911 address)
See attached for legal description
911 address- 195 N.W. Whitewater Glenn Lake City, Fl 32055

2. General description of improvement: New Home

Inst:200712013384 Date:6/18/2007 Time:3:32 PM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

3. Owner Name & Address Timothy & Allison Scott PO Box 205 White Springs, Fl 32096 Interest in Property O

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

5. Contractor Name Millennium Mech, Inc Phone Number 904-964-7345
Address P.O. Box 280 - Starke, Fl 32091

6. Surety Holders Name None Phone Number N/A
Address N/A
Amount of Bond N/A

7. Lender Name Monticello Bank Phone Number 229-831-9993
Address 327 S. Main Street Fitzgerald GA 31750

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name Julius E. Harden Phone Number 904-964-7345
Address 5609 N.W. 177th St. - Starke, Fl 32091

9. In addition to himself/herself the owner designates Julius E. Harden of Millennium Mech, Inc. to receive a copy of the Lien Notice as provided in Section 713.13 (1) – (a) 7. Phone Number of the designee 904-964-7345

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

THE OWNER MUST SIGN THE NOTICE OF COMMENCEMENT AND NO ONE ELSE MAY BE PERMITTED TO SIGN IN HIS/HER STEAD.

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Timothy D Scott
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 18-6, 2007.

L. Hodson
Signature of Notary

NOTARY STAMP/SEAL

S 300.804.61.3340.

Notice of Treatment 12703

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya Ave
City Lake City Phone 752-1703

Site Location: Subdivision (Timothy Scott) SCH
Lot # _____ Block# _____ Permit # 25990
Address 195 NW White Water Glen

Product used	Active Ingredient	% Concentration
☒ Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
~~3450~~ Dwelling	3450	338	~~270 gals~~

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

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

9-6-07	1:45	F299
Date	Time	Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T7J8228Z0121145300

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-138--OWNER BUILDER Timothy Scott -- , **
Truss Count:	43
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.36.
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: 05/21/2007

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

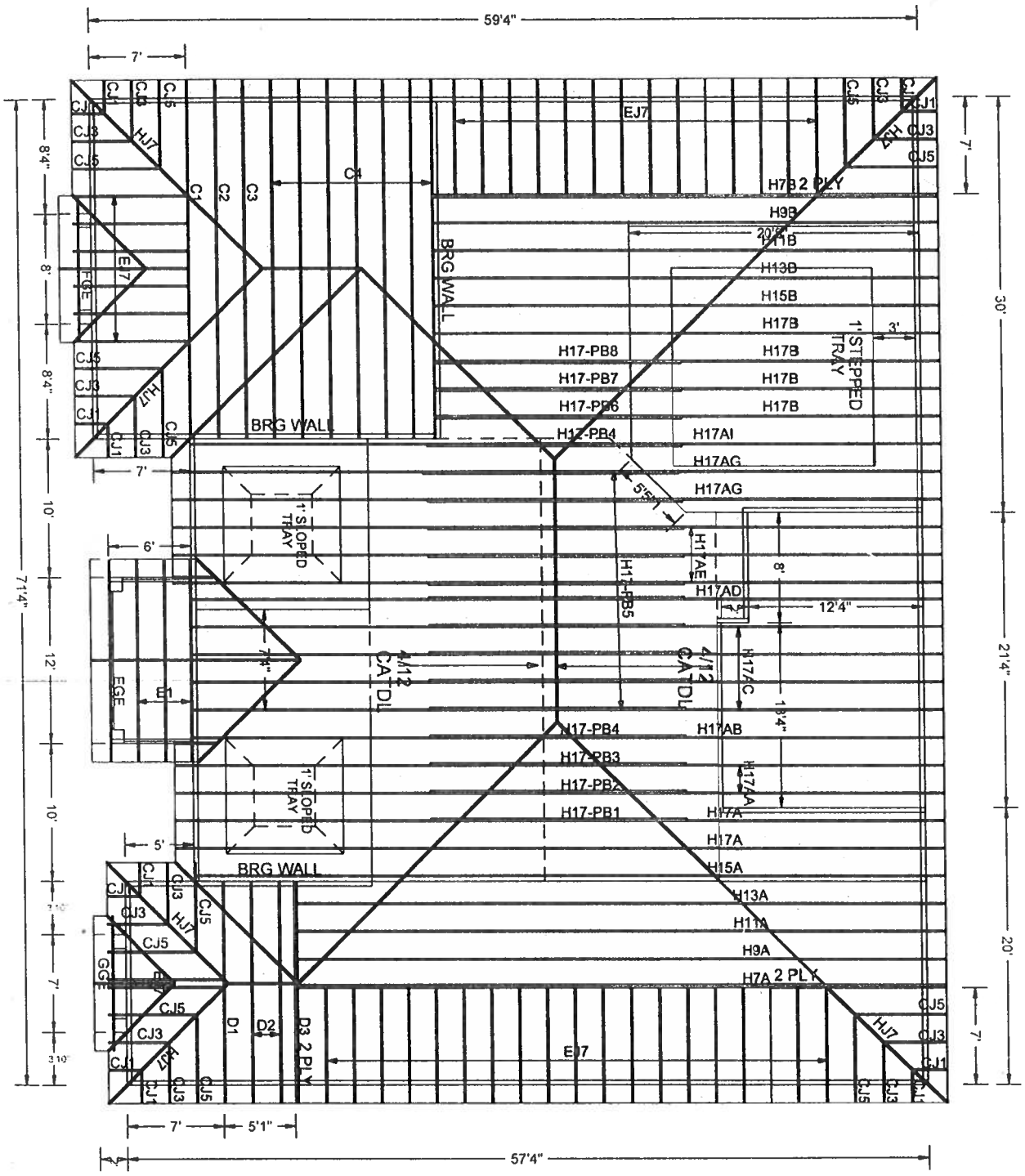
Notes:

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: HCUSR8228

Details: BRCLBSUB-A11015EE-GBLLETIN-

#	Ref Description	Drawing#	Date
1	39240--H7A	07141017	05/21/07
2	39241--H9B	07141004	05/21/07
3	39242--H11B	07141005	05/21/07
4	39243--H13A	07141018	05/21/07
5	39244--H11A	07141019	05/21/07
6	39245--H9A	07141021	05/21/07
7	39246--H17AI	07141022	05/21/07
8	39247--H17AG	07141023	05/21/07
9	39248--H17AE	07141025	05/21/07
10	39249--H15A	07141026	05/21/07
11	39250--H17A	07141027	05/21/07
12	39251--H17AA	07141028	05/21/07
13	39252--H17AB	07141029	05/21/07
14	39253--H17AC	07141030	05/21/07
15	39254--H17AD	07141031	05/21/07
16	39255--H7B	07141032	05/21/07
17	39256--H13B	07141006	05/21/07
18	39257--H15B	07141007	05/21/07
19	39258--H17B	07141008	05/21/07
20	39259--C1	07141033	05/21/07
21	39260--C2	07141009	05/21/07
22	39261--C3	07141010	05/21/07
23	39262--C4	07141011	05/21/07
24	39263--D1	07141034	05/21/07
25	39264--D2	07141012	05/21/07
26	39265--D3	07141045	05/21/07
27	39266--E1	07141013	05/21/07
28	39267--EGE	07141046	05/21/07
29	39268--FGE	07141047	05/21/07
30	39269--GGE	07141048	05/21/07
31	39270--CJ1	07141035	05/21/07
32	39271--HJ7	07141036	05/21/07
33	39272--CJ3	07141014	05/21/07
34	39273--CJ5	07141015	05/21/07
35	39274--EJ7	07141016	05/21/07
36	39275--H17-PB4	07141037	05/21/07
37	39276--H17-PB5	07141038	05/21/07
38	39277--H17-PB3	07141039	05/21/07
39	39278--H17-PB2	07141040	05/21/07
40	39279--H17-PB1	07141041	05/21/07
41	39280--H17-PB8	07141042	05/21/07
42	39281--H17-PB7	07141043	05/21/07
43	39282--H17-PB6	07141044	05/21/07

#7-138 Timothy Scott 5/14/07



Roof Plane Sheathing Area = 5166 sq. ft
Gable Sheathing Area = 38 sq. ft
Total Sheathing Area = 5204 sq. ft
Fascia Material = 310 linear ft
Valley Flashing Material = 106 linear ft
Ridge Cap Material = 58 linear ft
Hip Ridge Material = 202 linear ft

JOB DESCRIPTION:: OWNER BUILDER
/: Timothy Scott

JOB NO: 7-138

PAGE NO: 1 OF 1

(7-138--OWNER BUILDER Timothy Scott -- , ** - H7A)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W12 2x4 SP #2 Dense:

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.
Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

2 COMPLETE TRUSSES REQUIRED

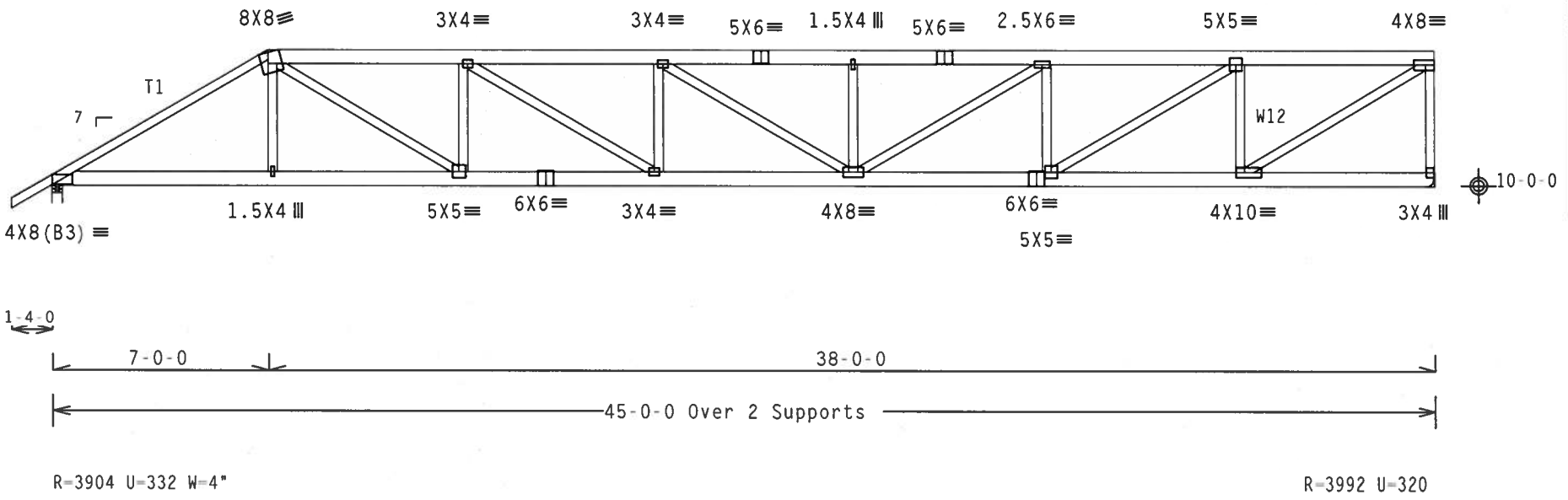
Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.04 Y:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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. ITW BCG, 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. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39240
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141017
BC LL	0.0 PSF	HC-ENG	DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25448
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H9B)

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

Wind reactions based on MWFRS pressures.

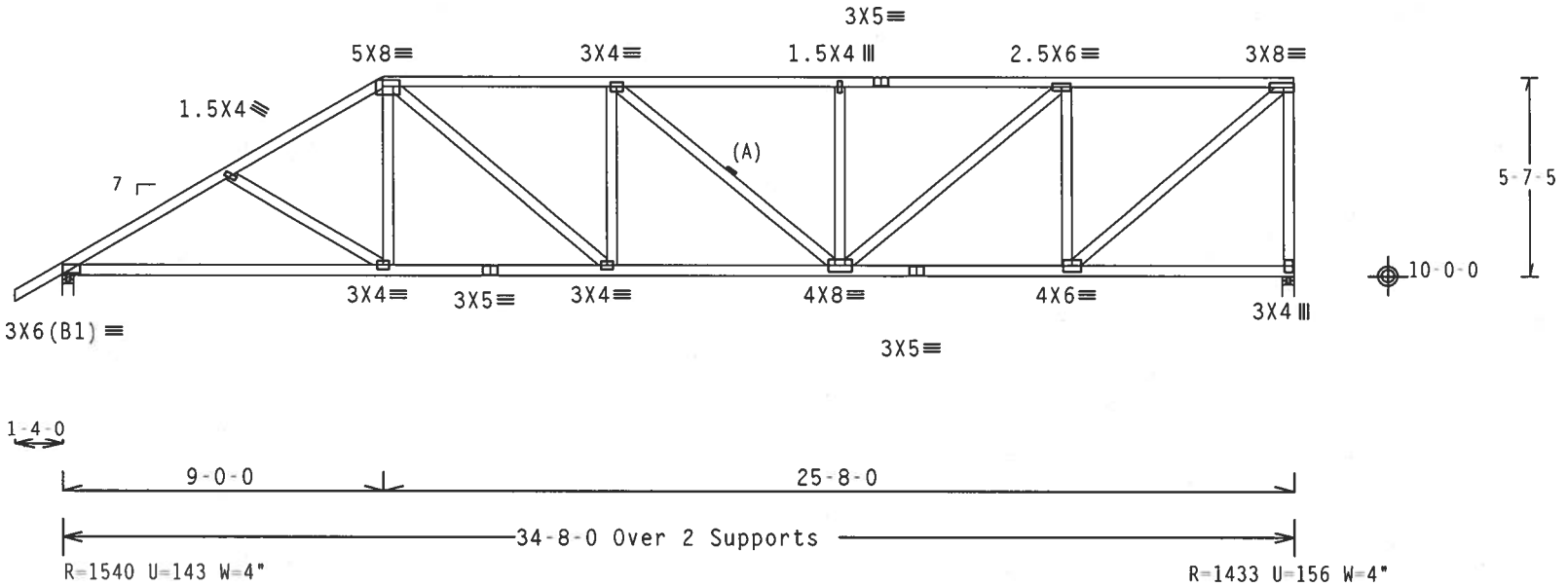
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 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. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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. ITW BCG, 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. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

May 21 '07

TC LL	20.0 PSF	REF	R8228- 39241
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141004
BC LL	0.0 PSF	HC-ENG	DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	22585
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H11B)

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

Wind reactions based on MWFRS pressures.

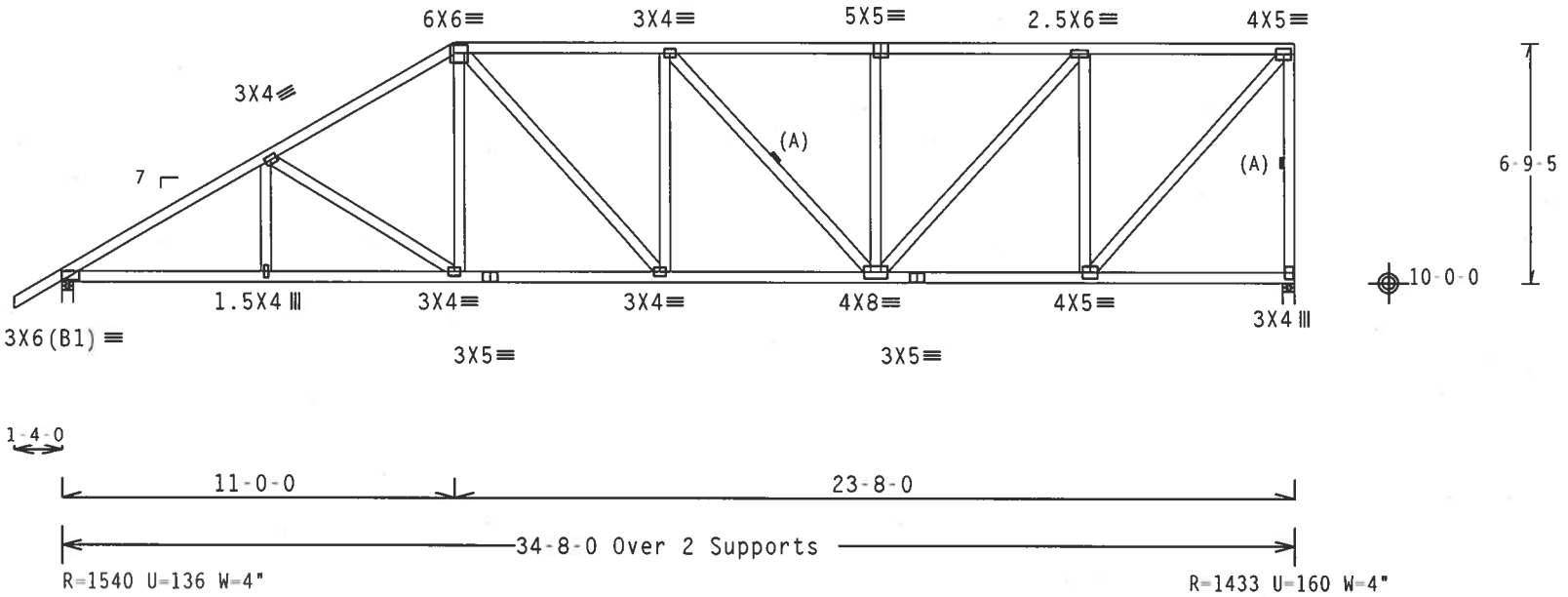
(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 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. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #C67

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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. ITW BCG, 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. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE No.39687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21,'07

TC LL	20.0 PSF	REF R8228- 39242
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141005
BC LL	0.0 PSF	HC-ENG DAB/AF *
TOT.LD.	40.0 PSF	SEQN- 22581
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H13A)

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

Wind reactions based on MWFRS pressures.

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

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

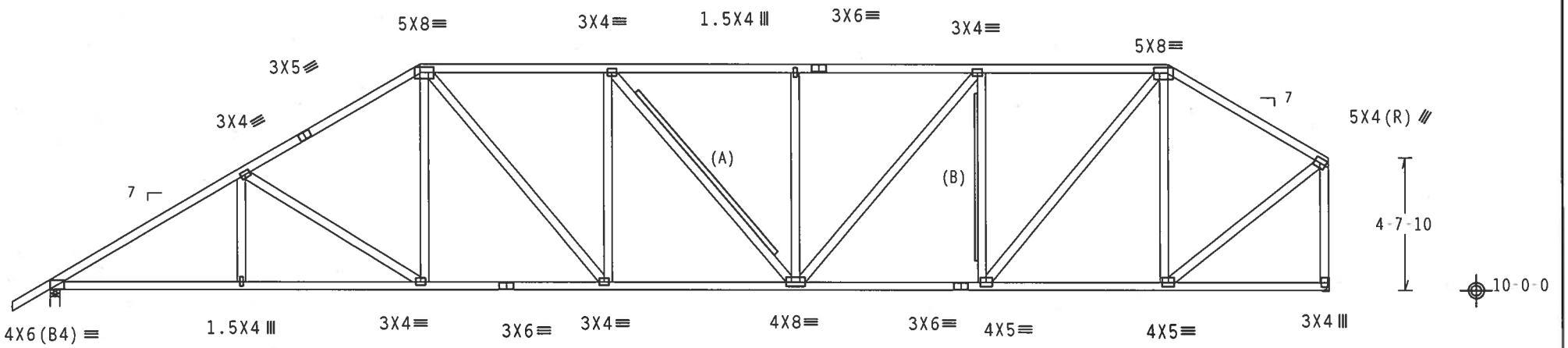
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

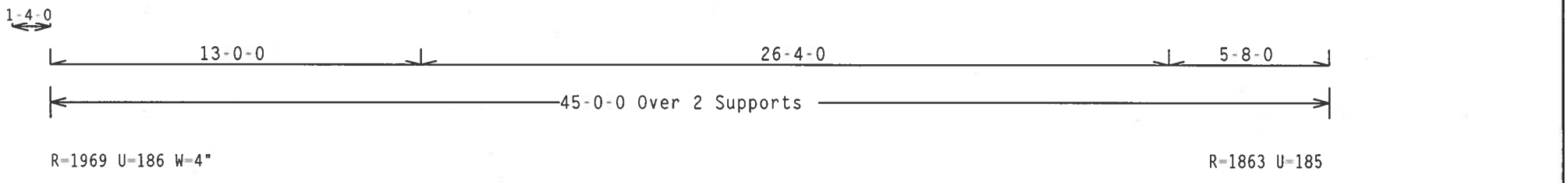
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

(A) 2x4 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 667

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ARTHUR R. FISHER LICENSE No. 59627 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39243
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141018
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25427
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H11A)

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

Wind reactions based on MWFRS pressures.

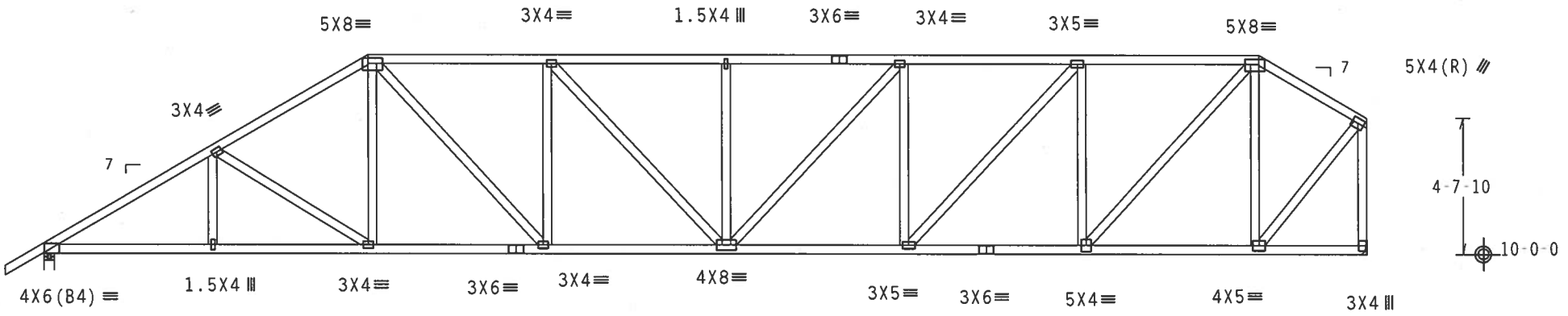
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

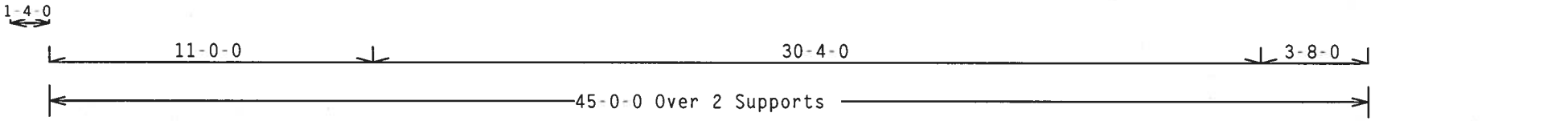
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.





R=1969 U=188 W=4"

R=1863 U=189

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.36.04 QTY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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May 21 '07

TC LL	20.0 PSF	REF R8228- 39244
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141019
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25435
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H9A)

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

Wind reactions based on MWFRS pressures.

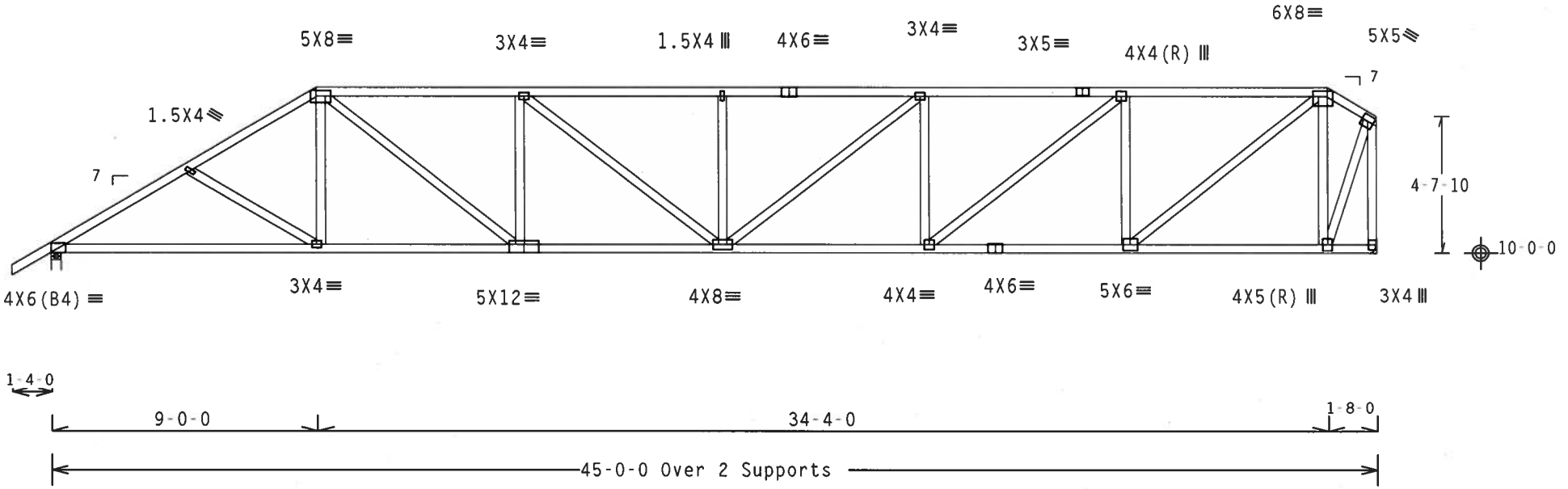
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



R=1969 U=191 W=4"

R=1863 U=192

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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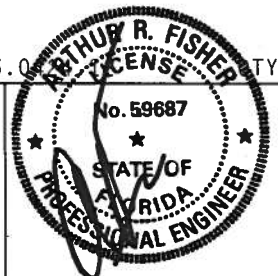


May 21 '07

TC LL	20.0 PSF	REF	R8228- 39245
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141021
BC LL	0.0 PSF	HC-ENG	DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25442
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17AI)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS FAB.

Top chord 2x6 SP #2 :T1 2x8 SP SS:
:T2 2x8 SP #1 Dense: :T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.32 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

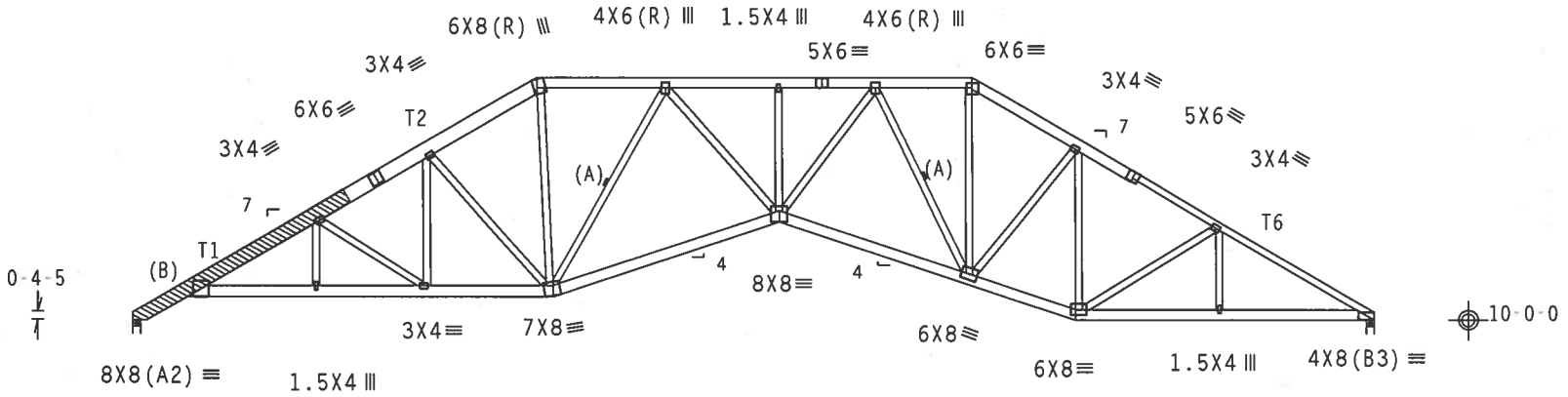
Calculated horizontal deflection is 0.23" due to live load and 0.38" due to dead load.

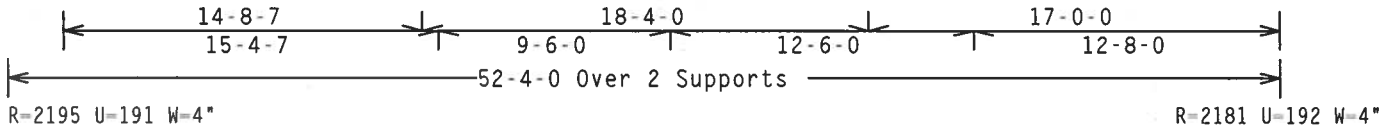
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

(B) (2) 2x8x10-5-4 SP SS scabs at left end. Attach one scab to each outer face of chord with: 10d_Box_or_Gun_(0.128"x3",_min.)_nails @ 8" OC, Plus additional nail clusters at : BRG.: (6), heel: (8), 1st panel point: (3).





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39246
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141022
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25662
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H17AG)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

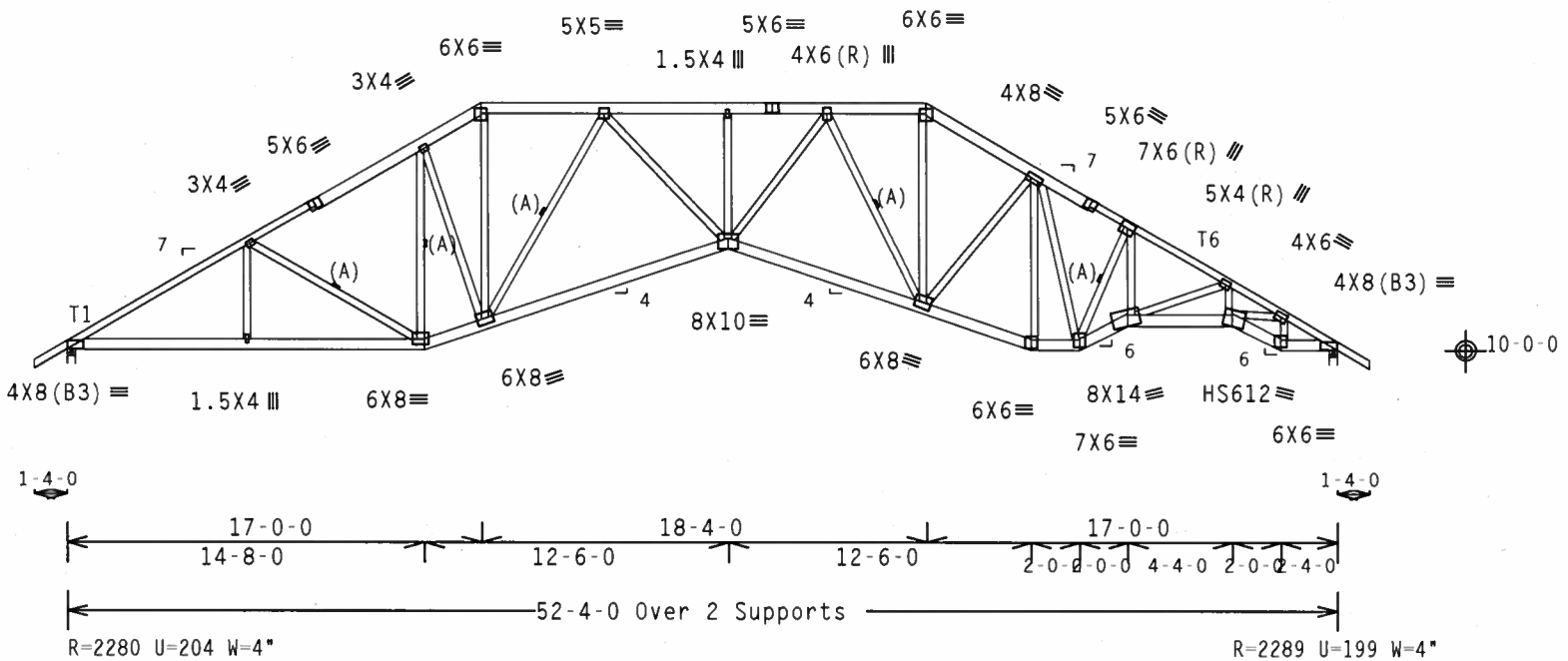
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.20" due to live load and 0.32" due to dead load.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39247
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141023
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25673
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17AE)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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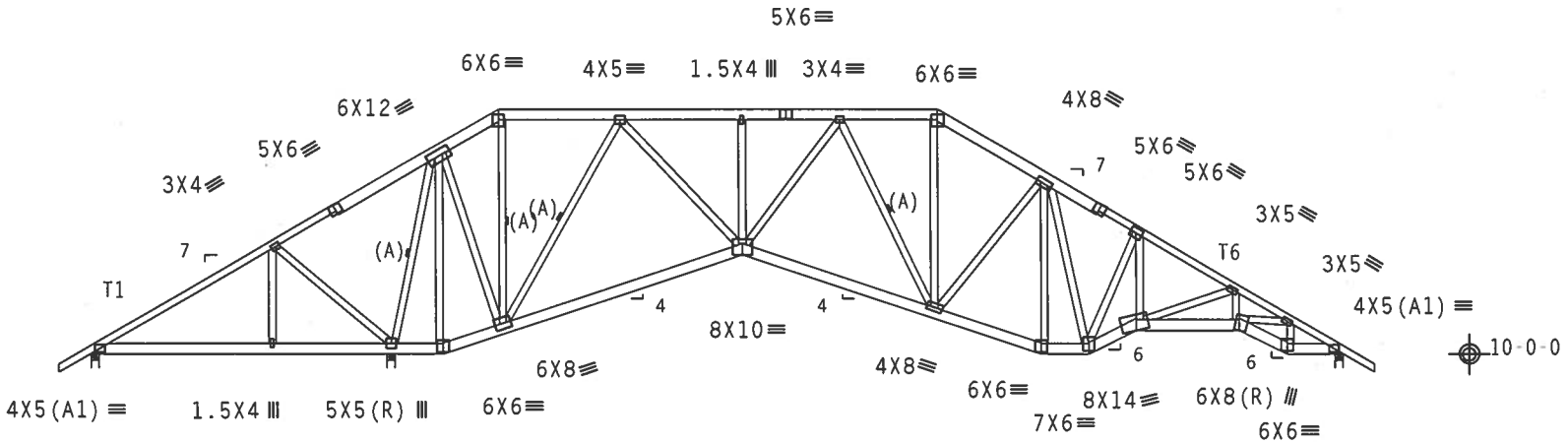
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 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) 7.36.04 QTY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39248
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141025
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25753
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H15A)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Calculated vertical deflection is 0.39" due to live load and 0.63" due to dead load at X = 27-2-0.

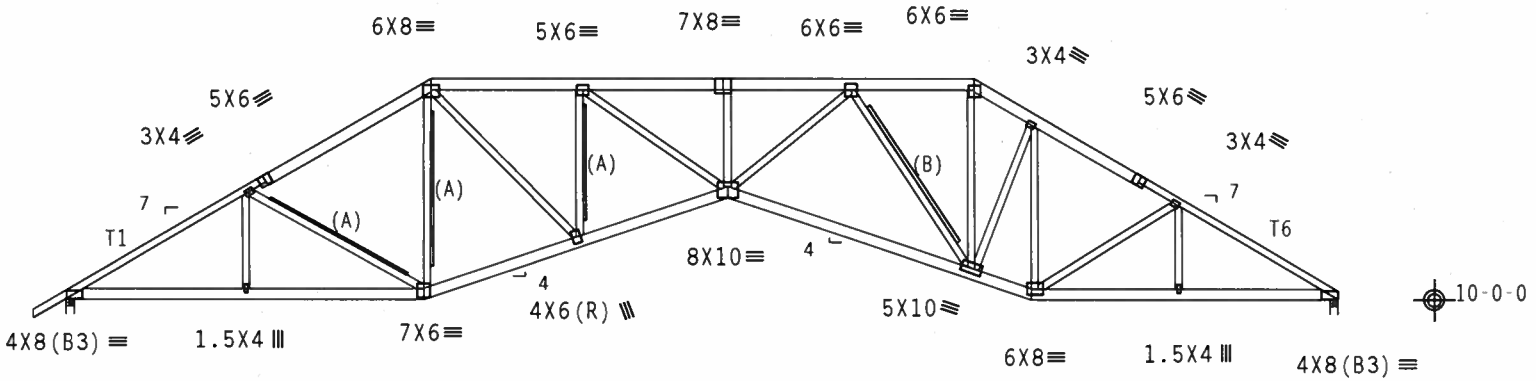
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

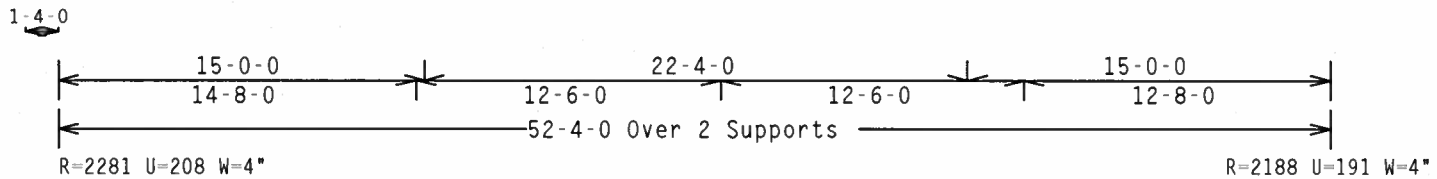
Calculated horizontal deflection is 0.18" due to live load and 0.29" due to dead load.

(B) 2x6 #3 or better "T" brace. 80% length of web member. Attach with 16d Box or Gun (0.135"x3.5",min.)nails @ 6" OC.

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 07

TC LL	20.0 PSF	REF R8228- 39249
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141026
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25708
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17A)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

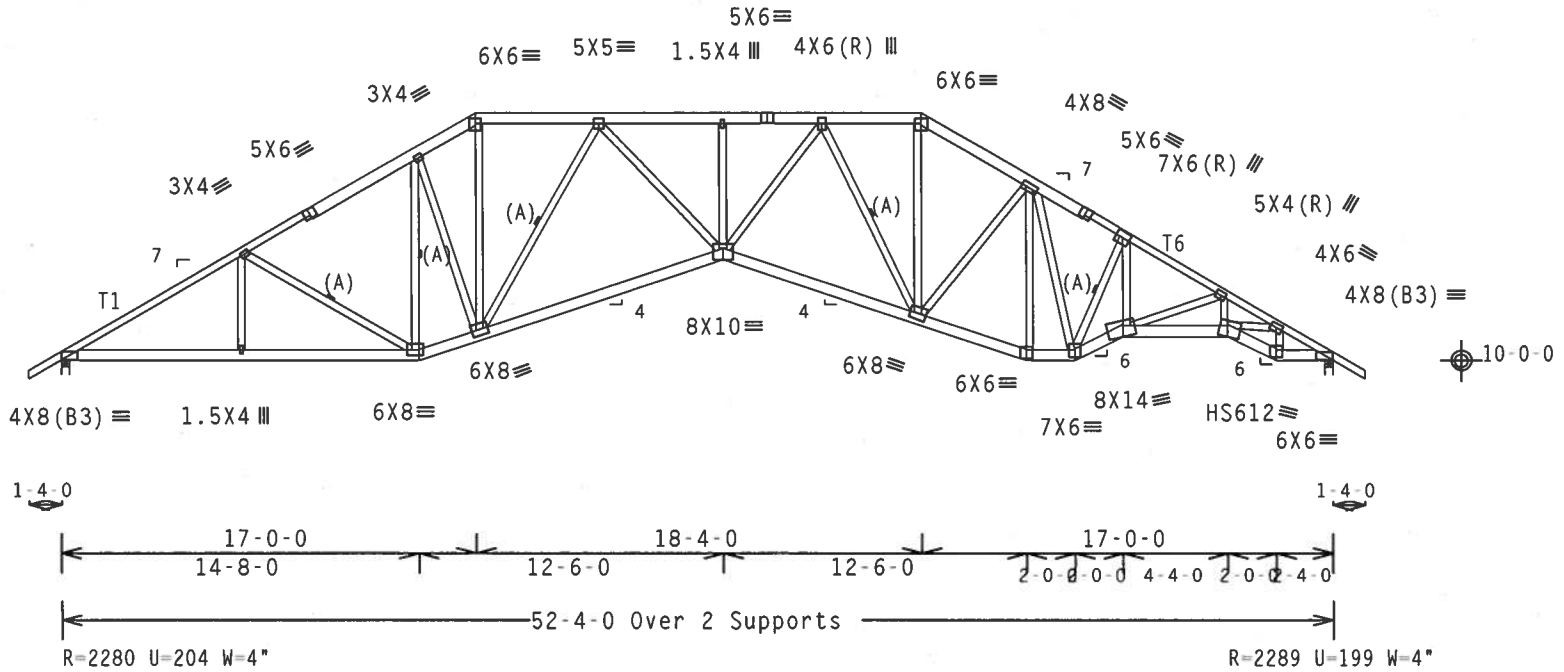
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.20" due to live load and 0.32" due to dead load.

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

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.04 QTY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39250
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141027
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25712
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17AA)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

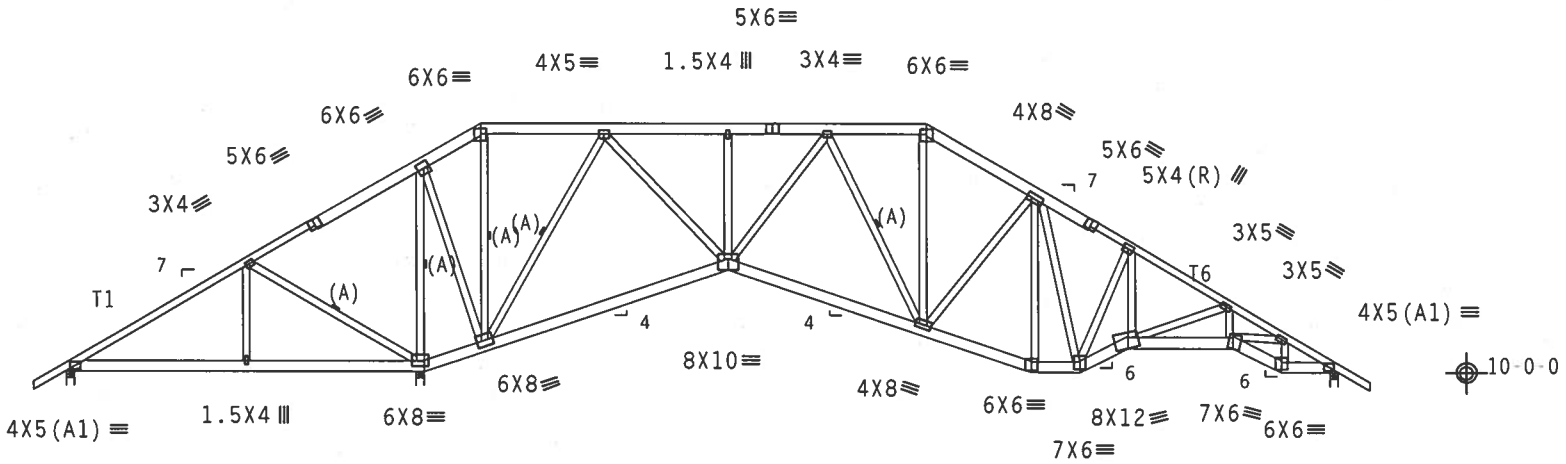
(A) Continuous lateral bracing equally spaced on member.

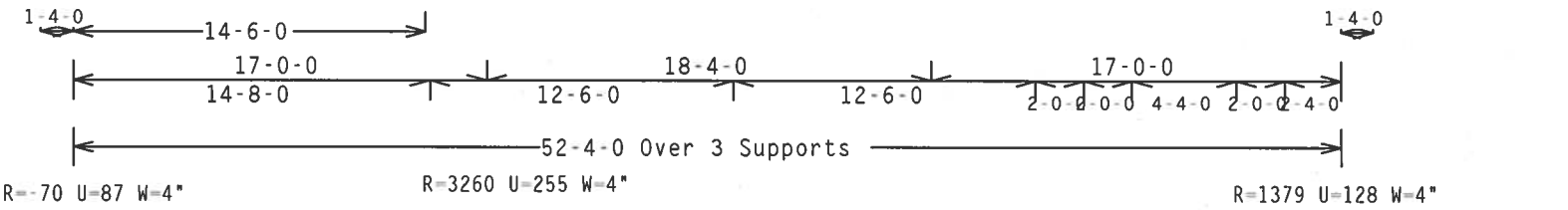
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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May 21 '07

TC LL	20.0 PSF	REF	R8228- 39251
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141028
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25719
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17AB)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

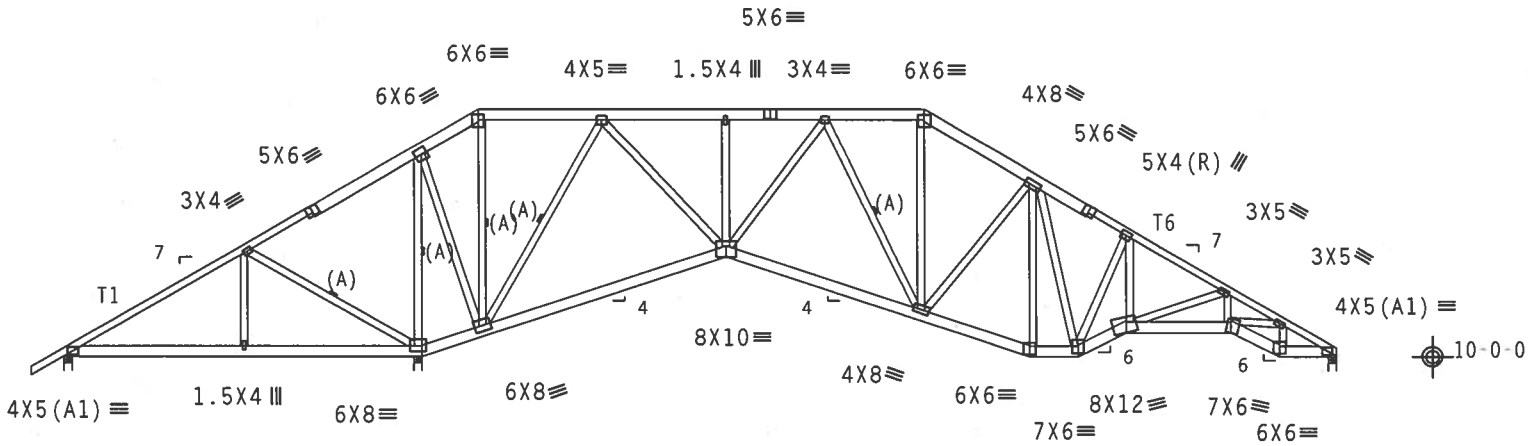
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

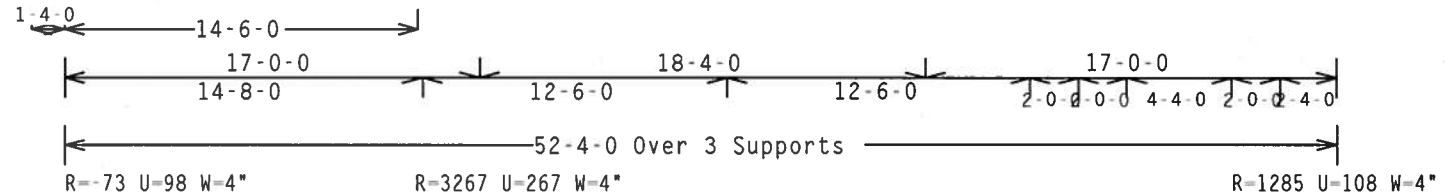
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 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) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE
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Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39252
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141029
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25726
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H17AC)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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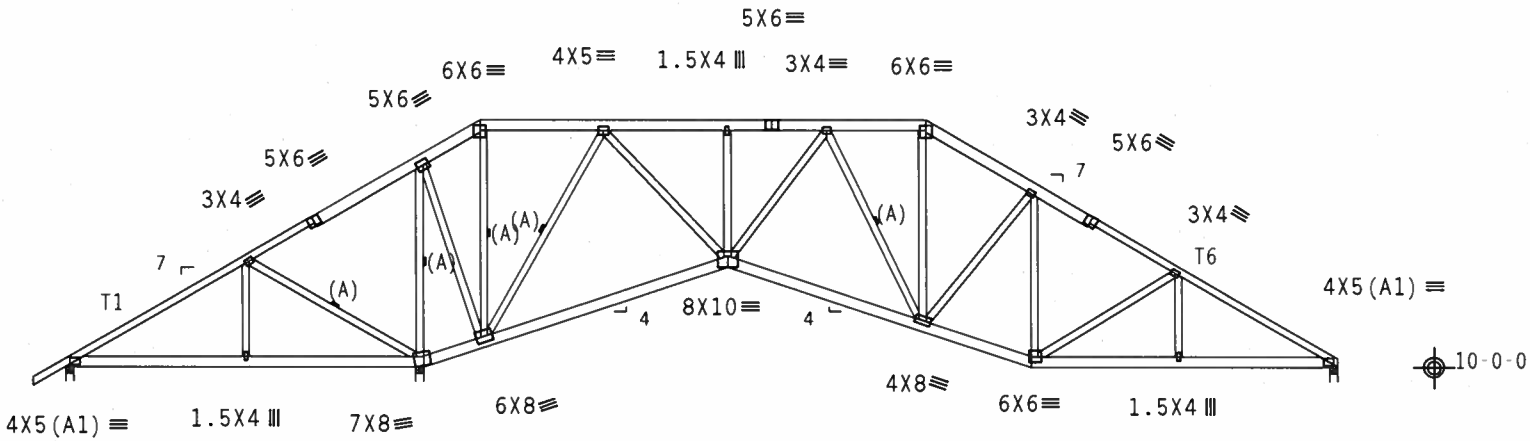

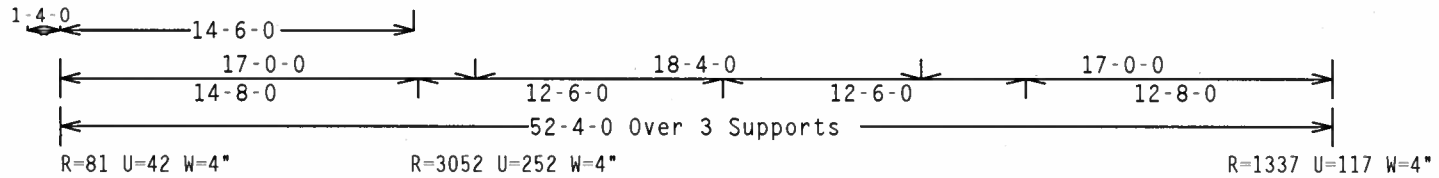

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0 [illegible]Y:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE

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

May 21 '07

TC LL	20.0 PSF	REF	R8228- 39253
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141030
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25733
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H17AD)

Top chord 2x6 SP #2 :T1, T6 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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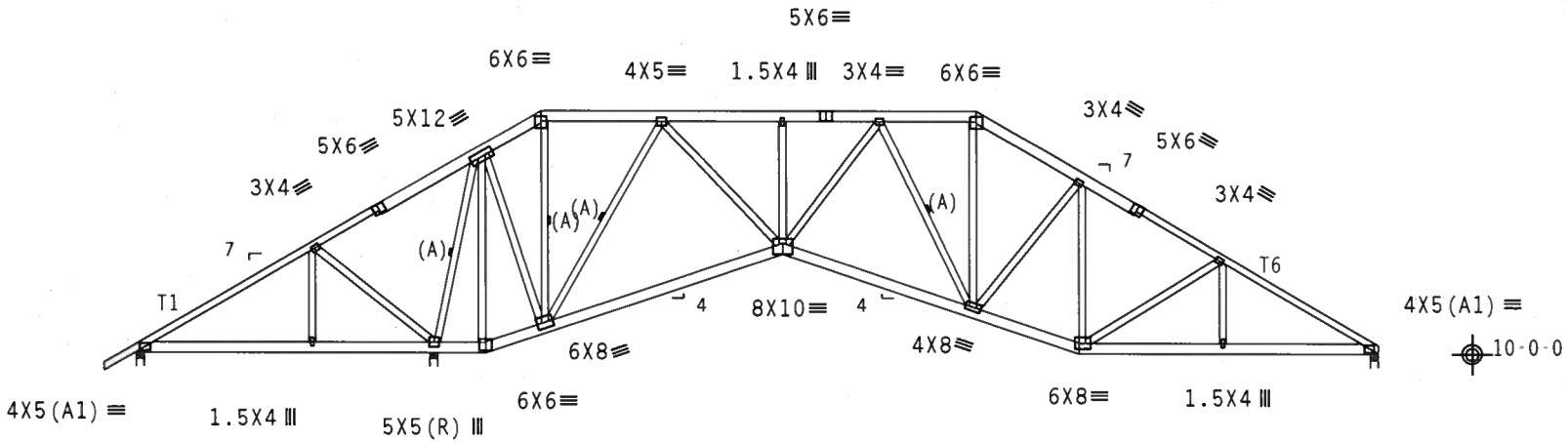

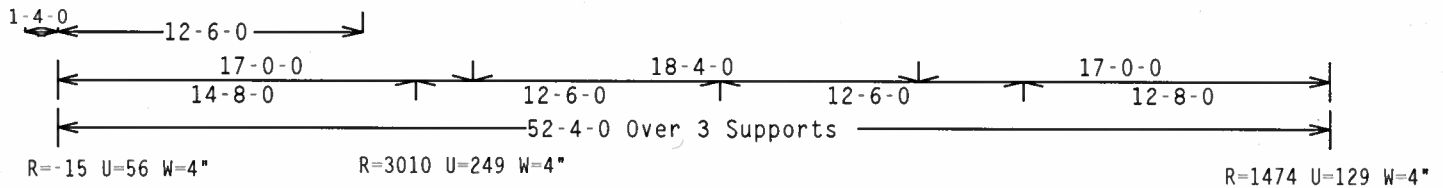

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.04 QTY:1 FL/-/4/-/E/-/- Scale =.125"/Ft.

ALPINE
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Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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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DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W.H/SS/K) ASTM A653 GRADE 40/60 (W. K/H.SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39254
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141031
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25741
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H7B)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

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. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right side jacks have 0-0-0 setback with 0-0-0 cant and 0-0-0 overhang.

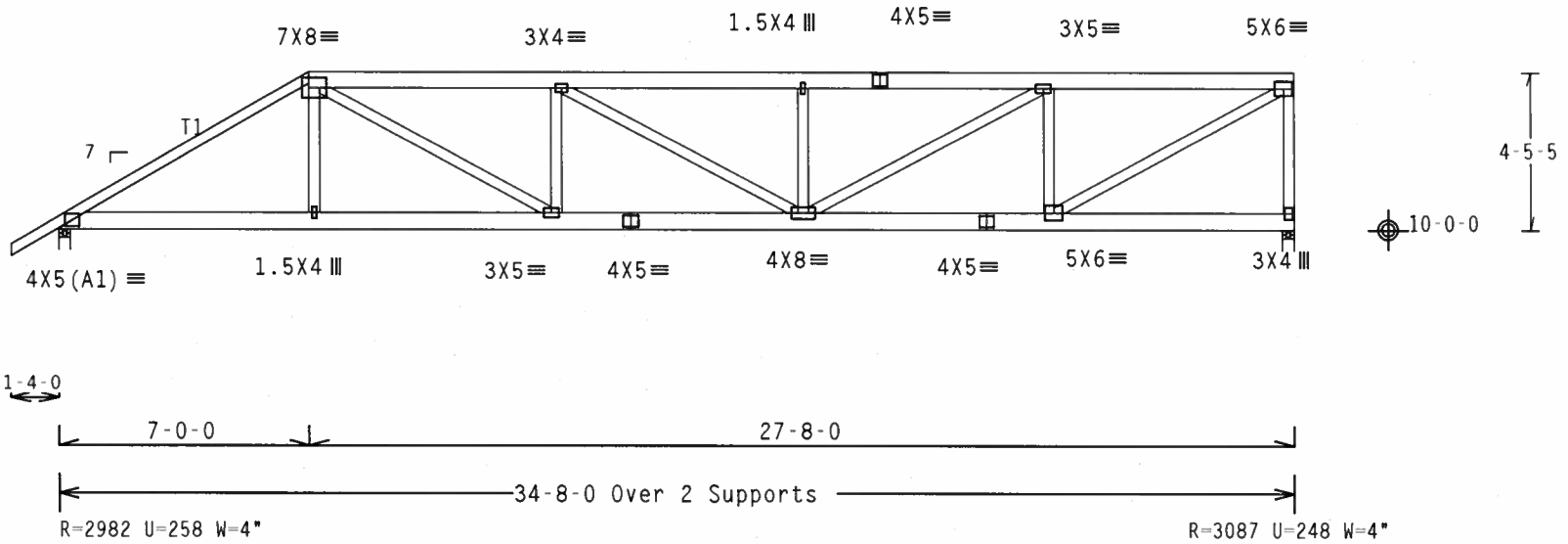
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Right end vertical not exposed to wind pressure.

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

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39255
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141032
BC LL	0.0 PSF	HC-ENG	DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25463
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W4, W5 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.12" due to live load and 0.20" due to dead load.

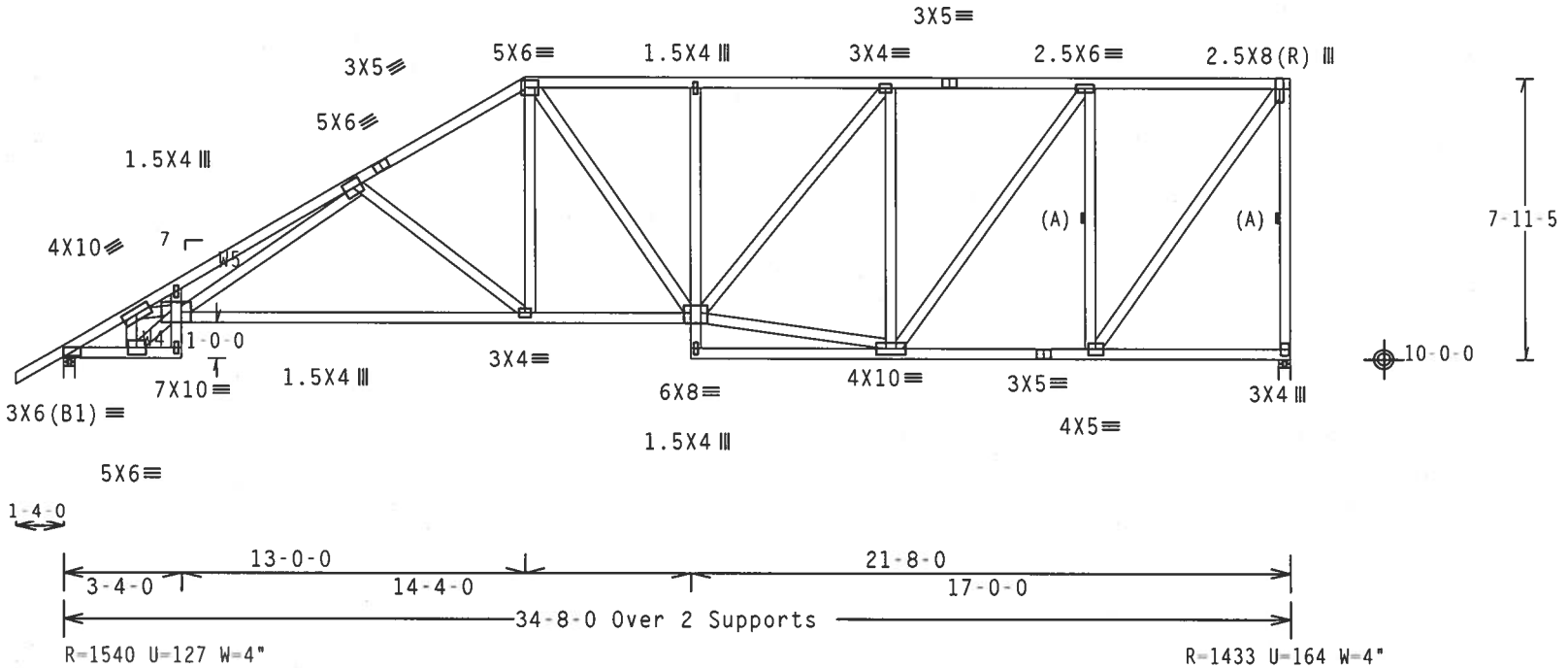
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.04 TY:1 FL/-/4/-/E/-/-

PLT TYP. Wave

Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #667

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA. 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21,'07

TC LL	20.0 PSF	REF R8228- 39256
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141006
BC LL	0.0 PSF	HC-ENG DAB/AF *
TOT.LD.	40.0 PSF	SEQN- 25517
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H15B)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2, W4 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.12" due to live load and 0.20" due to dead load.

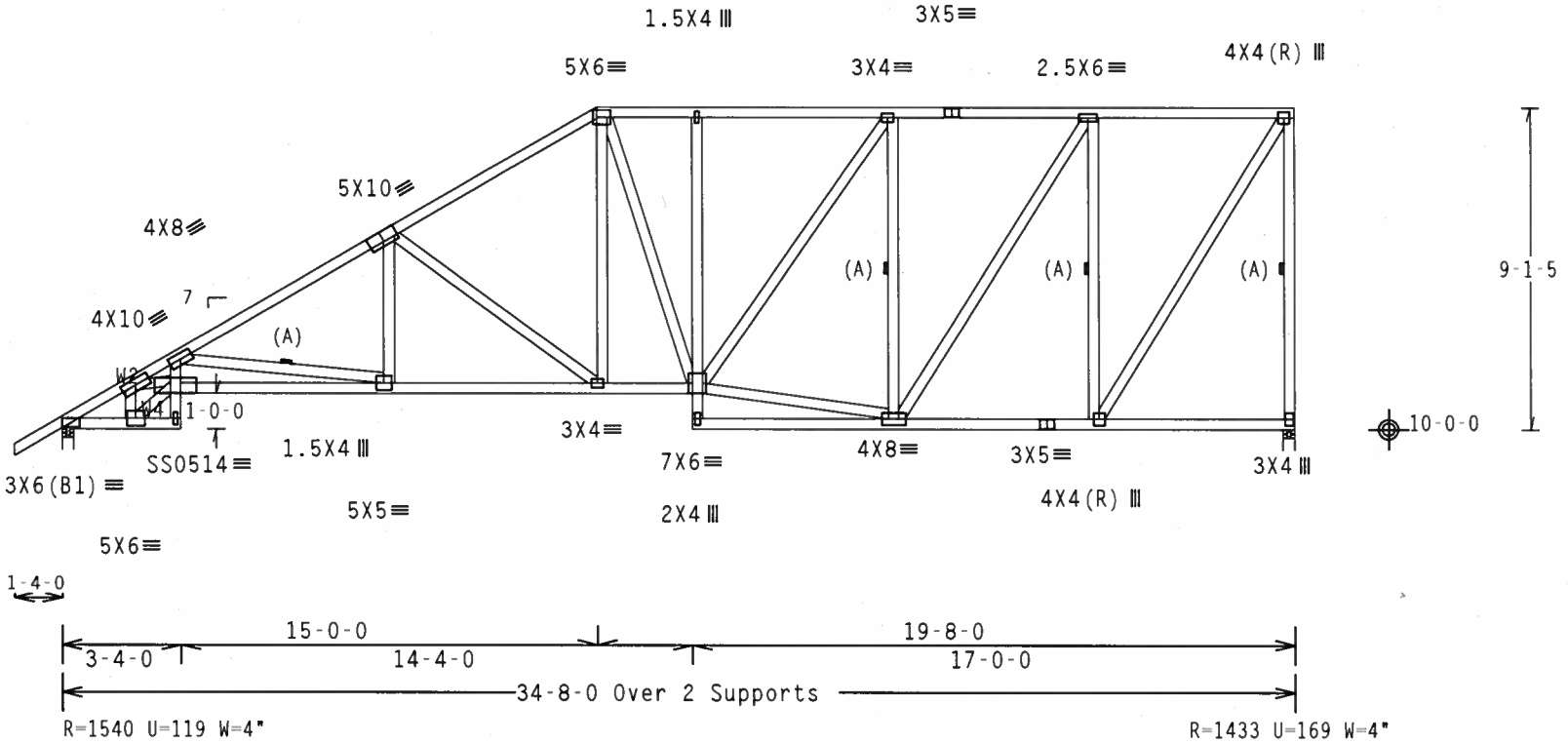
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 18 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39257
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141007
BC LL	0.0 PSF		HC-ENG DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	25524
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H17B)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2, W4 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.11" due to live load and 0.17" due to dead load.

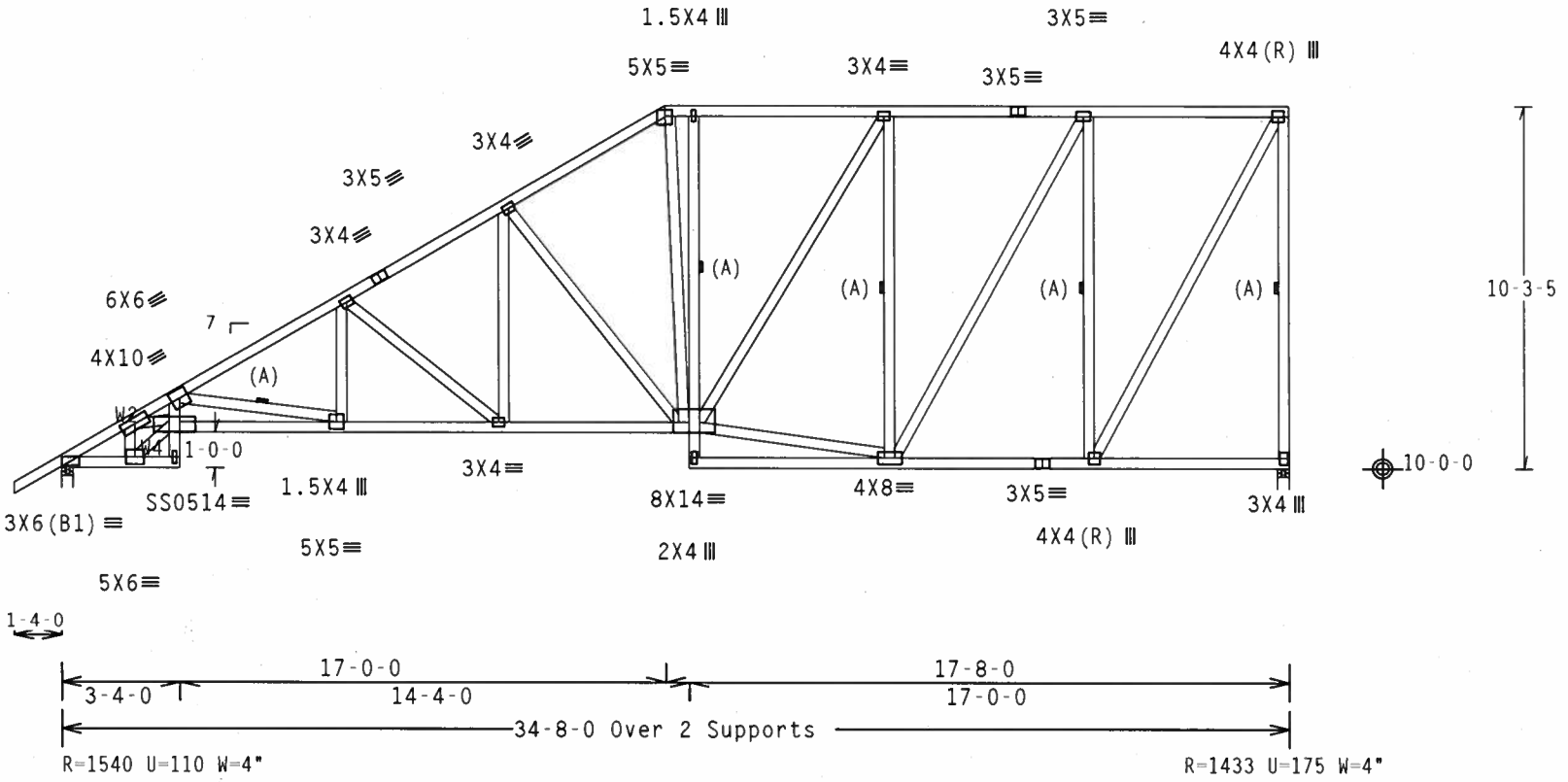
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 18 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.1875"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39258
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141008
BC LL	0.0 PSF	HC-ENG	DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	25655
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** C1)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

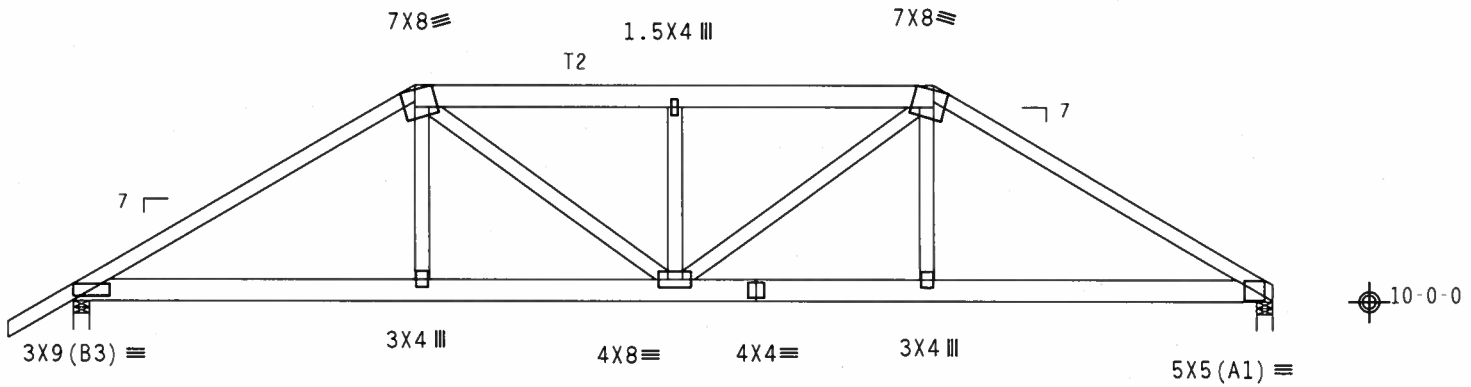
Wind reactions based on MWFRS pressures.

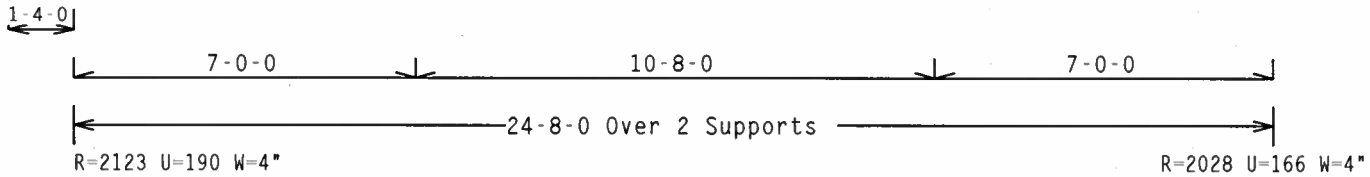
#1 hip supports 7-0-0 jacks with no webs.

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. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

May 21 '07

TC LL	20.0 PSF	REF	R8228- 39259
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141033
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25418
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - C2)

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

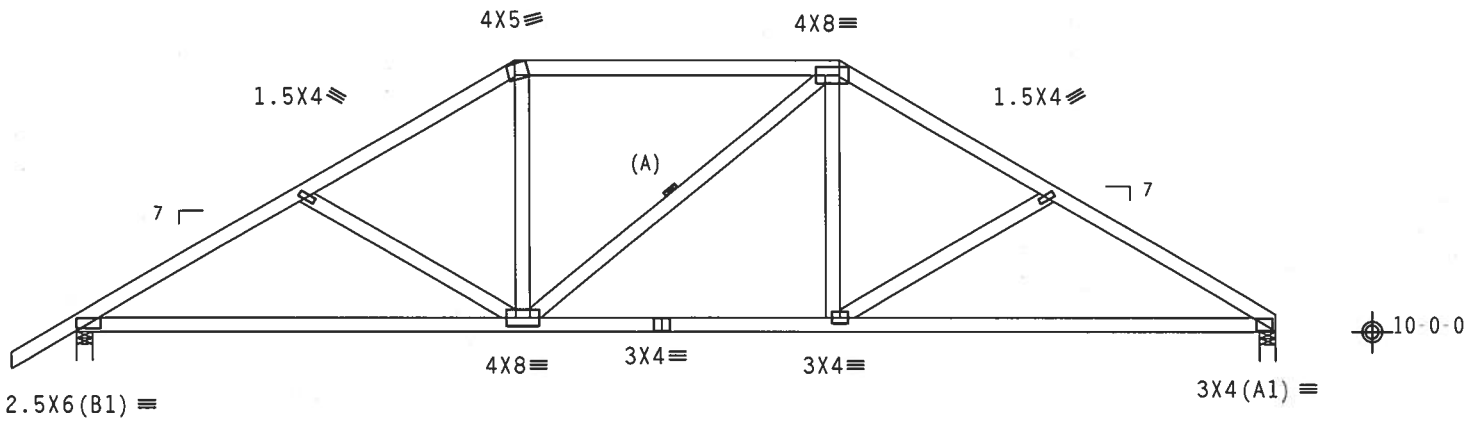
Wind reactions based on MWFRS pressures.

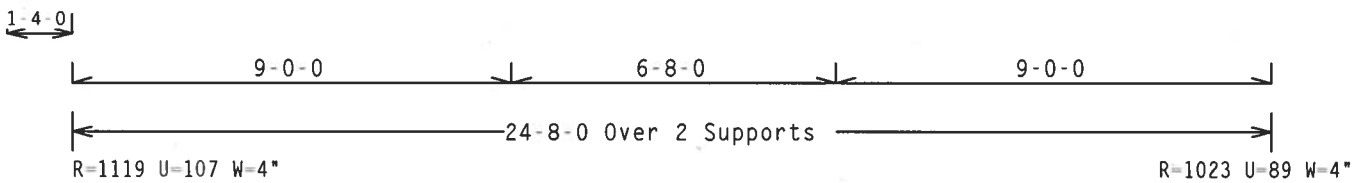
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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. Iw=1.00 GCpi(+/-)=0.18

(A) Continuous lateral bracing equally spaced on member.

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #5[illegible]

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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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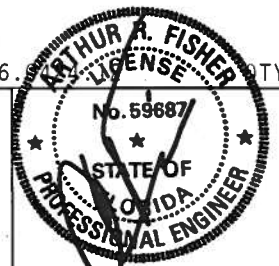


May 21 '07

TC LL	20.0 PSF	REF R8228- 39260
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141009
BC LL	0.0 PSF	HC-ENG DAB/AF *
TOT.LD.	40.0 PSF	SEQN- 22505
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** C3)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

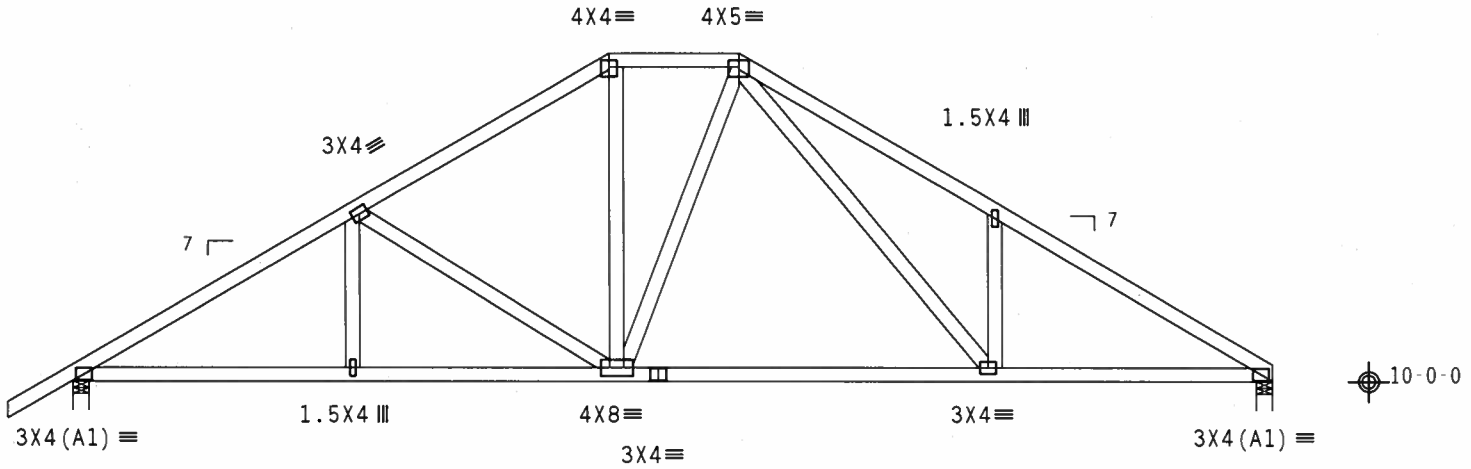
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

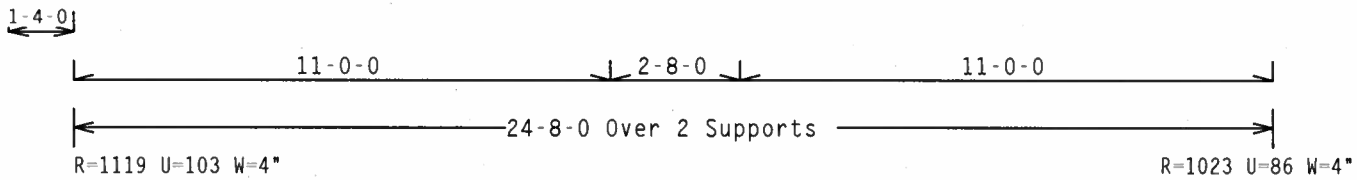
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 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. Iw=1.00 GCpi(+/-)=0.18

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.25"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #567

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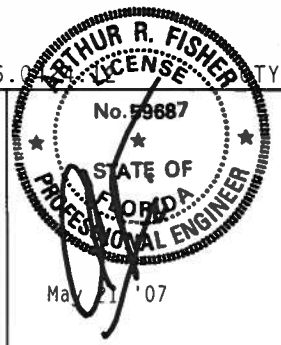


TC LL	20.0 PSF	REF	R8228- 39261
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141010
BC LL	0.0 PSF	HC-ENG	DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	22501
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** C4)

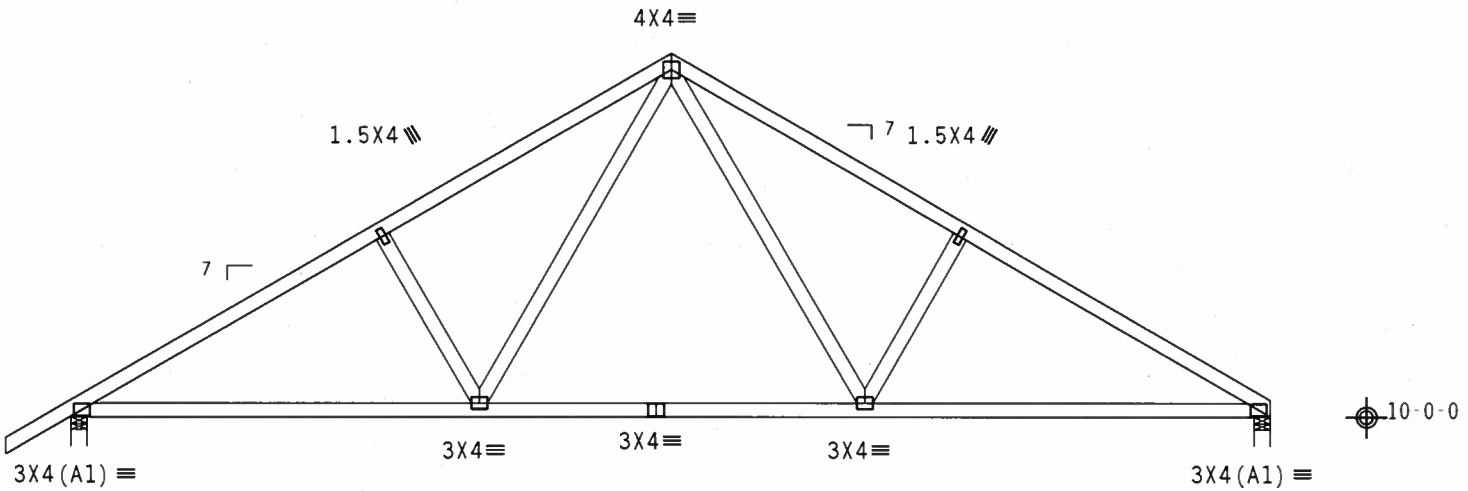
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

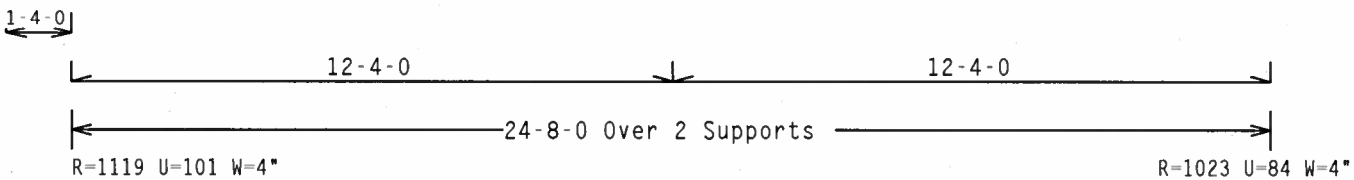
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39262
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141011
BC LL	0.0 PSF	HC-ENG	DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	25693
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - D1)

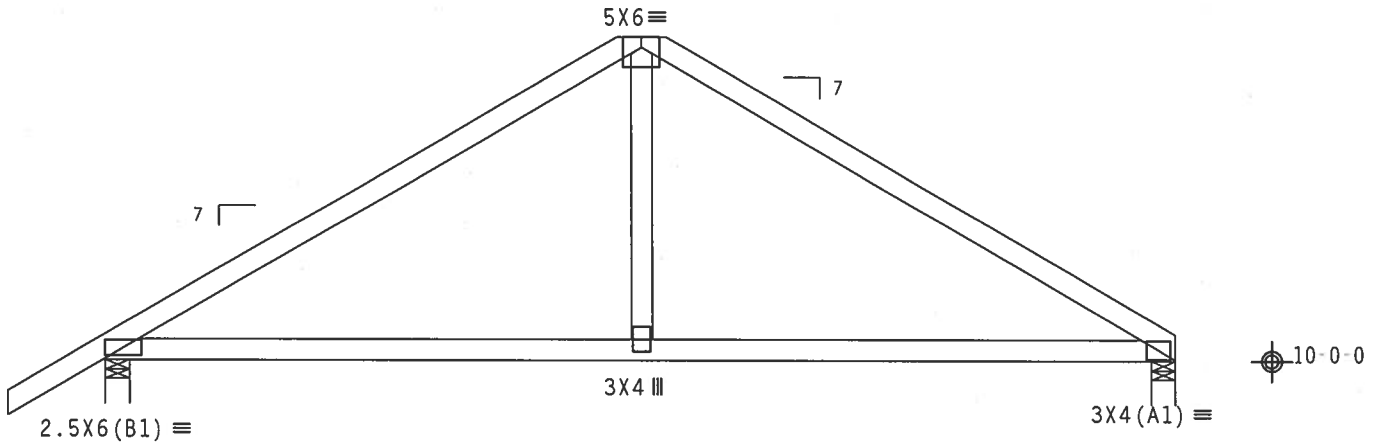
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

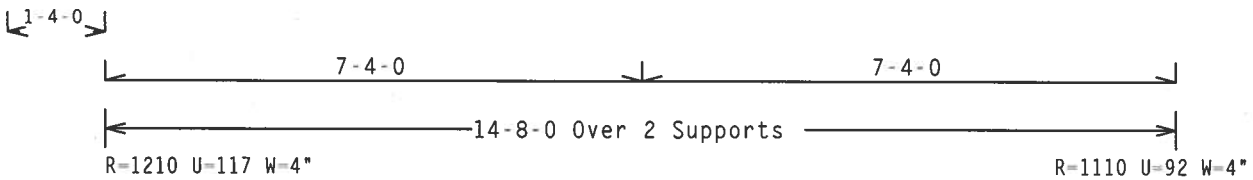
Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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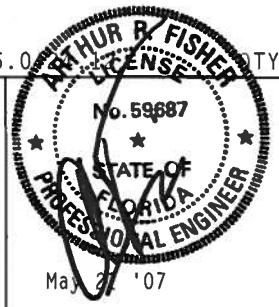


May 21 '07

TC LL	20.0 PSF	REF R8228- 39263
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141034
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25413
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

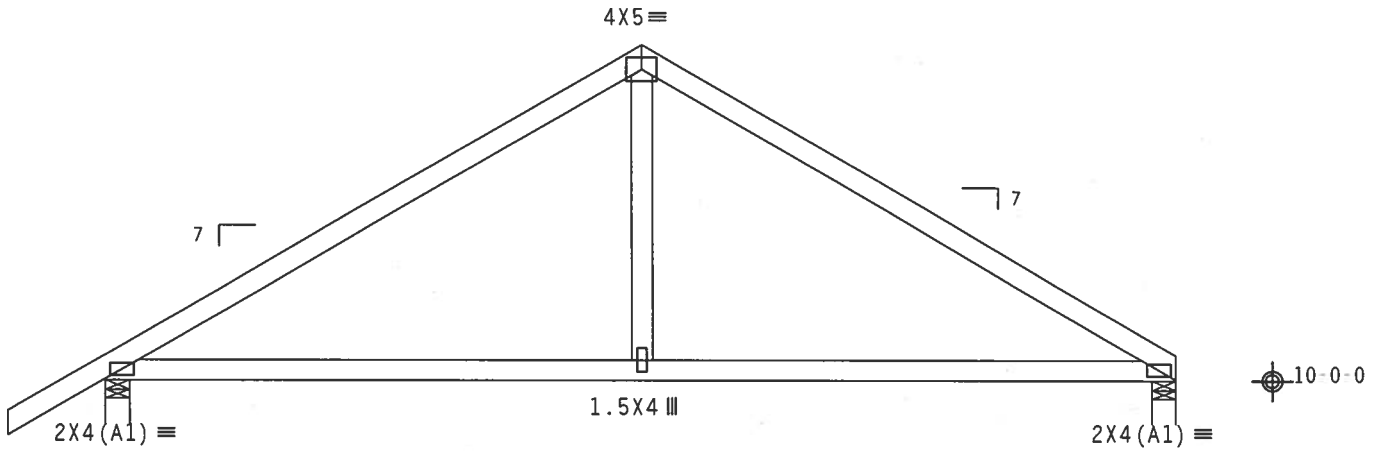
(7-138--OWNER BUILDER Timothy Scott -- , ** - D2)

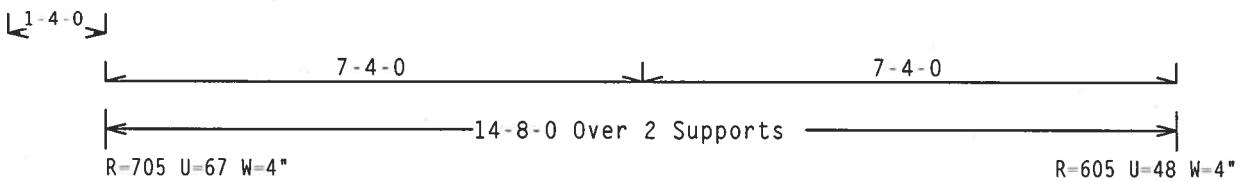
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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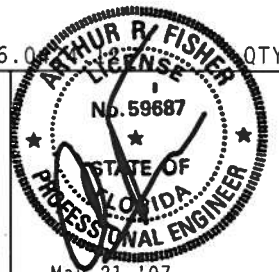


May 21 '07

TC LL	20.0 PSF	REF	R8228- 39264
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141012
BC LL	0.0 PSF	HC-ENG	DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	22523
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3 :W3 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at -1.33 to 63 PLF at 7.33
TC - From 63 PLF at 7.33 to 63 PLF at 14.67
BC - From 5 PLF at -1.33 to 5 PLF at -0.00
BC - From 20 PLF at -0.00 to 20 PLF at 14.67
BC - 3992 LB Conc. Load at 7.12
BC - 1863 LB Conc. Load at 9.06, 11.06, 13.06

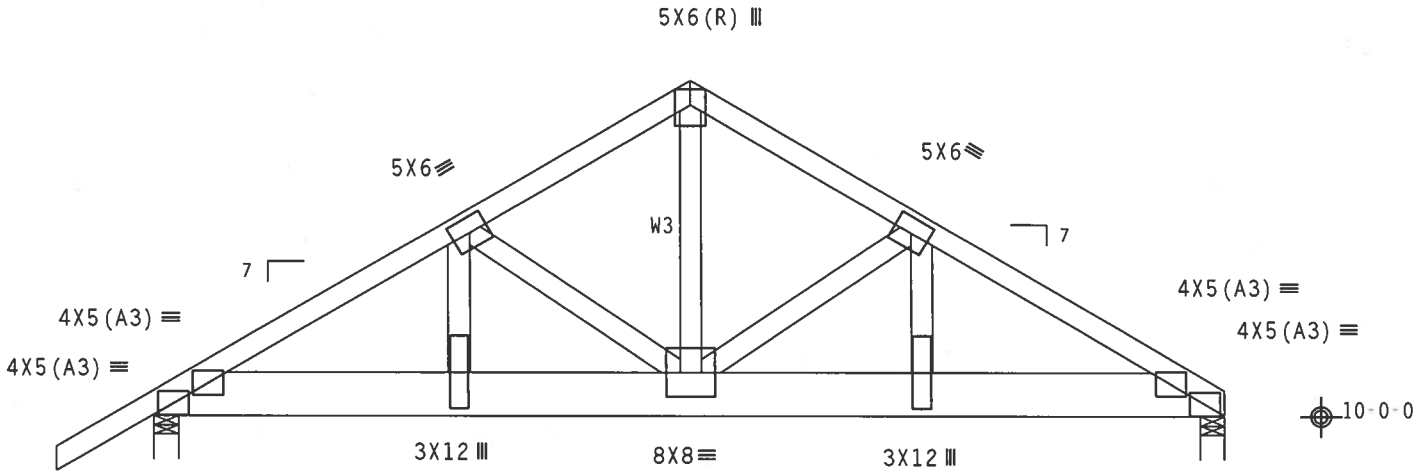
Wind reactions based on MWFRS pressures.

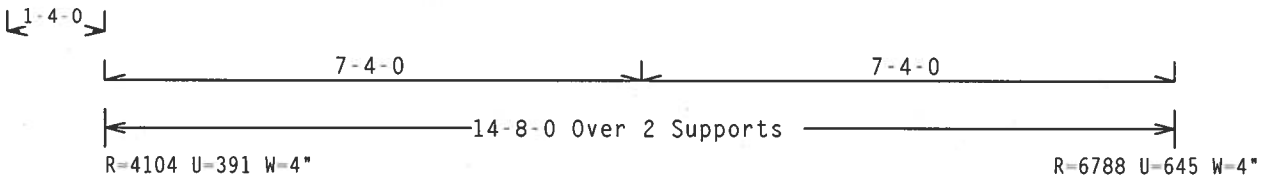
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21, '07

TC LL	20.0 PSF	REF R8228- 39265
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141045
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25458
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

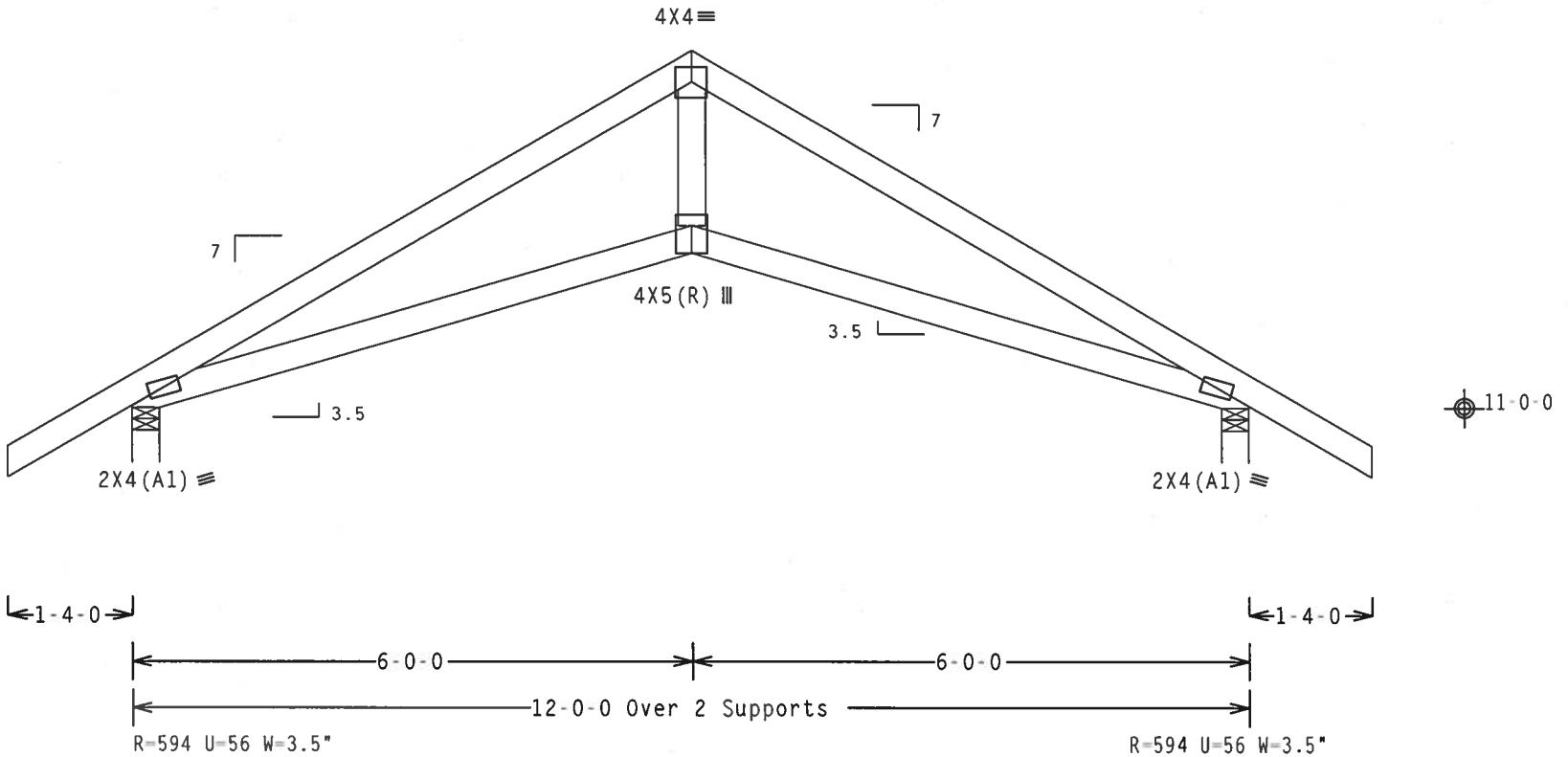
(7-138--OWNER BUILDER Timothy Scott -- , ** - E1)

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

Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.5"/Ft.

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Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39266
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141013
BC LL	0.0 PSF	HC-ENG DAB/AF *
TOT.LD.	40.0 PSF	SEQN- 22518
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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.

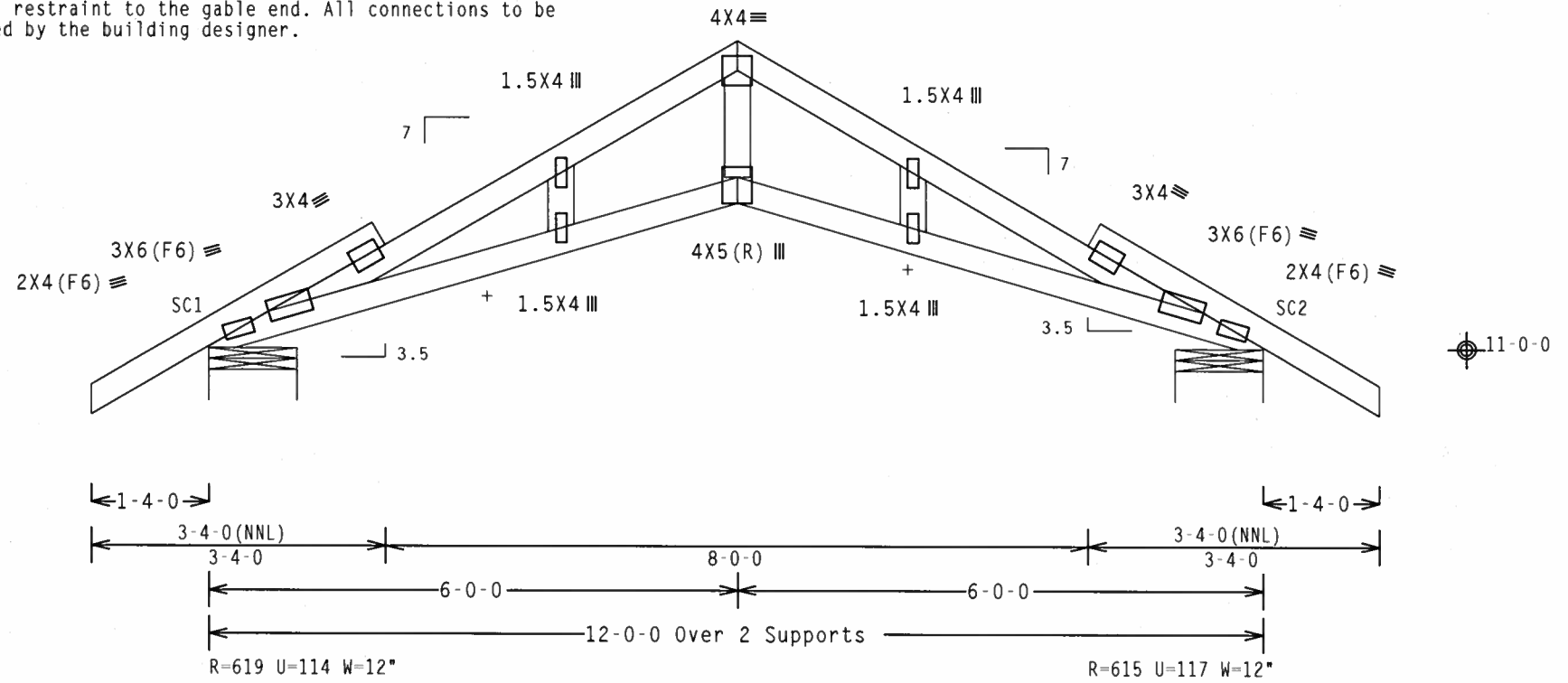
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 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.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.04 QTY:1 FL/-/4/-/E/-/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #6671

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39267
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141046
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25409
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - FGE)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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.

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. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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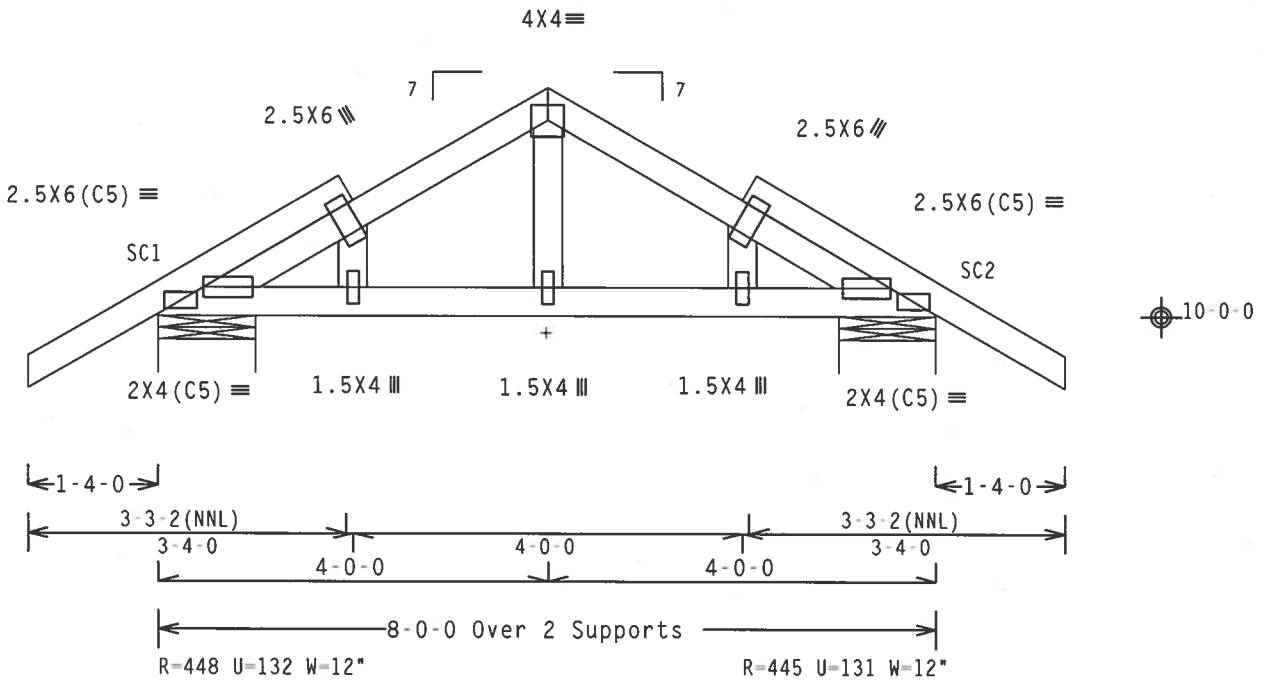
+ Member to be laterally braced for horizontal wind loads. Bracing system to be designed and furnished by others.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39268
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141047
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25401
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - GGE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #2 Dense:
:Stack Chord SC2 2x4 SP #2 Dense:

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Wind reactions based on MWFRS pressures.

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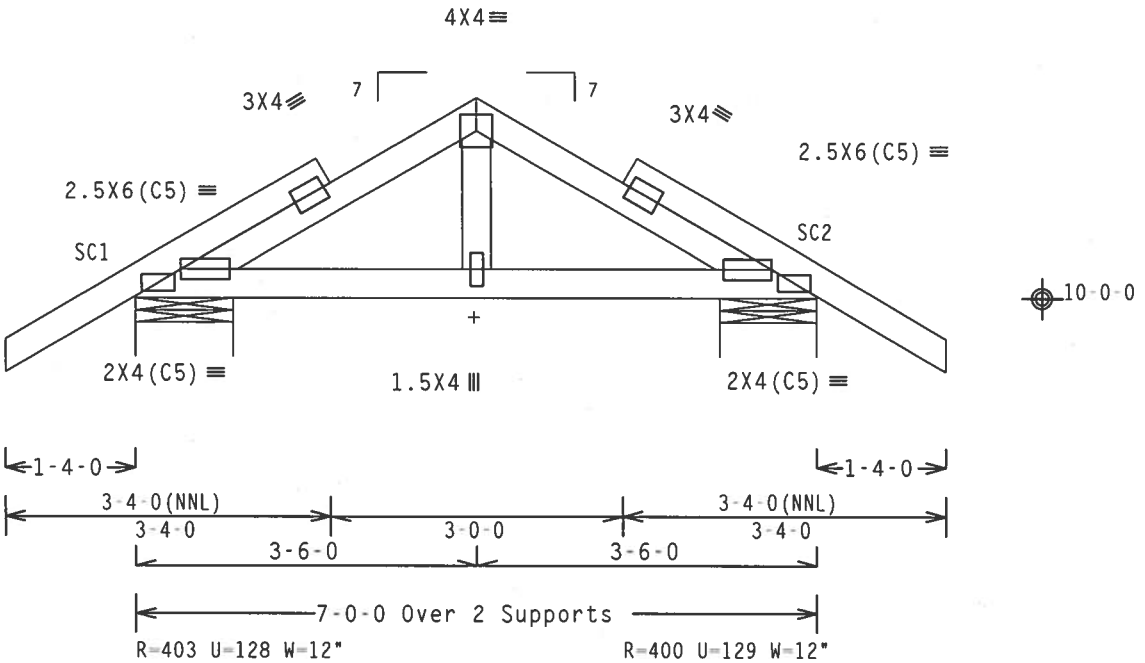

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.5"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

May 21 '07

TC LL	20.0 PSF	REF	R8228- 39269
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141048
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25405
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - CJ1)

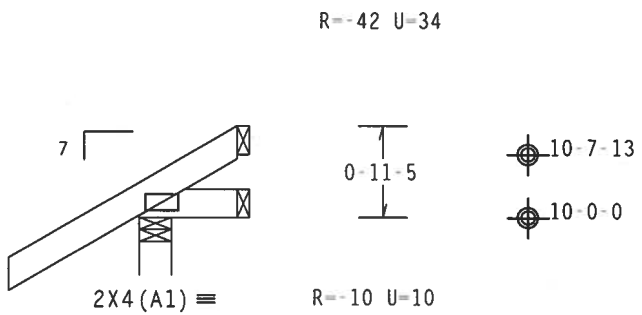
THIS WAS PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39270
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141035
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	22448
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** HJ7)

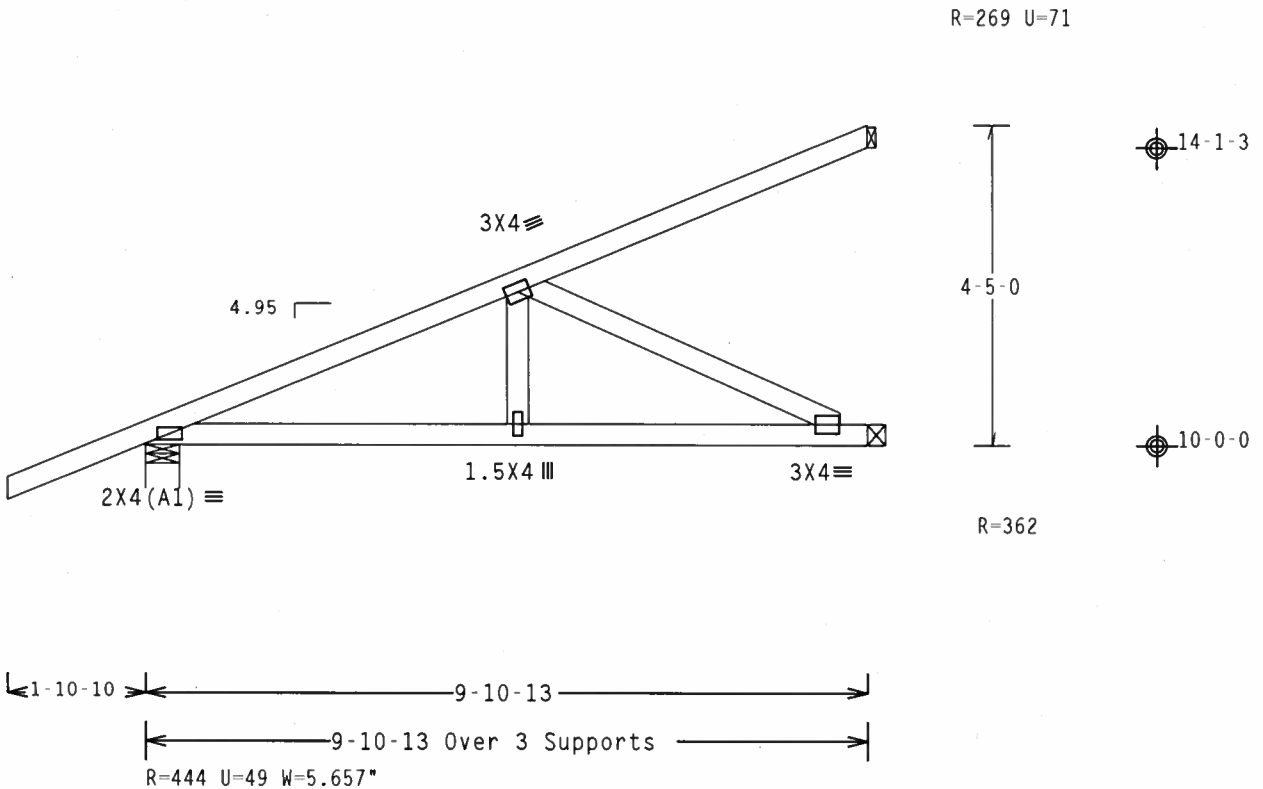
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 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. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.04 QTY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 562

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

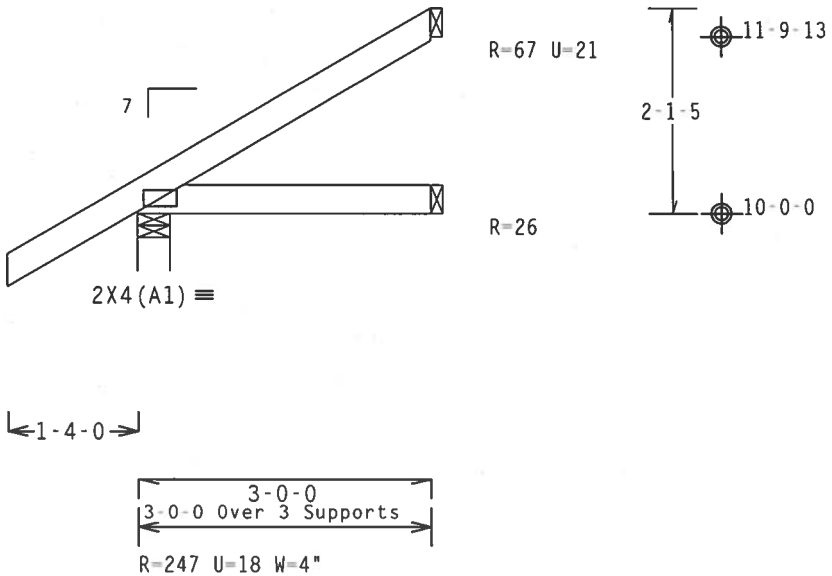
TC LL	20.0 PSF	REF R8228- 39271
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141036
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25393
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

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

Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.5"/Ft.

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ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

ARTHUR B. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39272
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141014
BC LL	0.0 PSF	HC-ENG DAB/AF *
TOT.LD.	40.0 PSF	SEQN- 22453
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - CJ5)

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

Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

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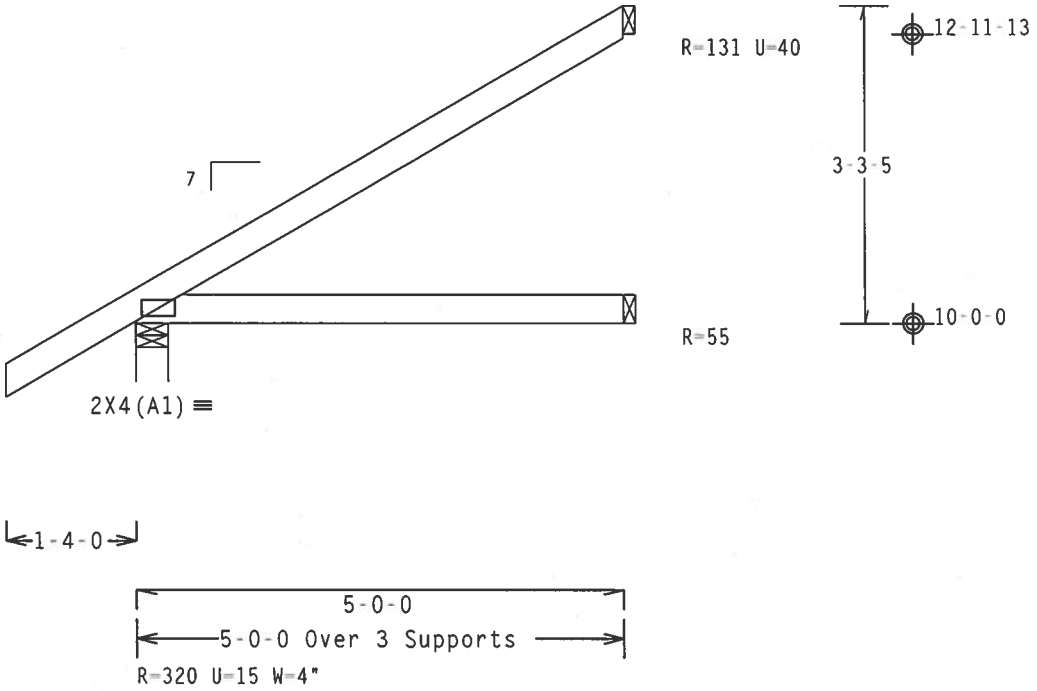

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.04 TY:1 FL/-/4/-/E/-/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group, Inc.
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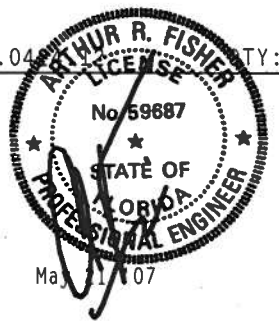

May 11,07

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BC DL	10.0 PSF	DRW	HCUSR8228 07141015
BC LL	0.0 PSF	HC-ENG	DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	22457
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

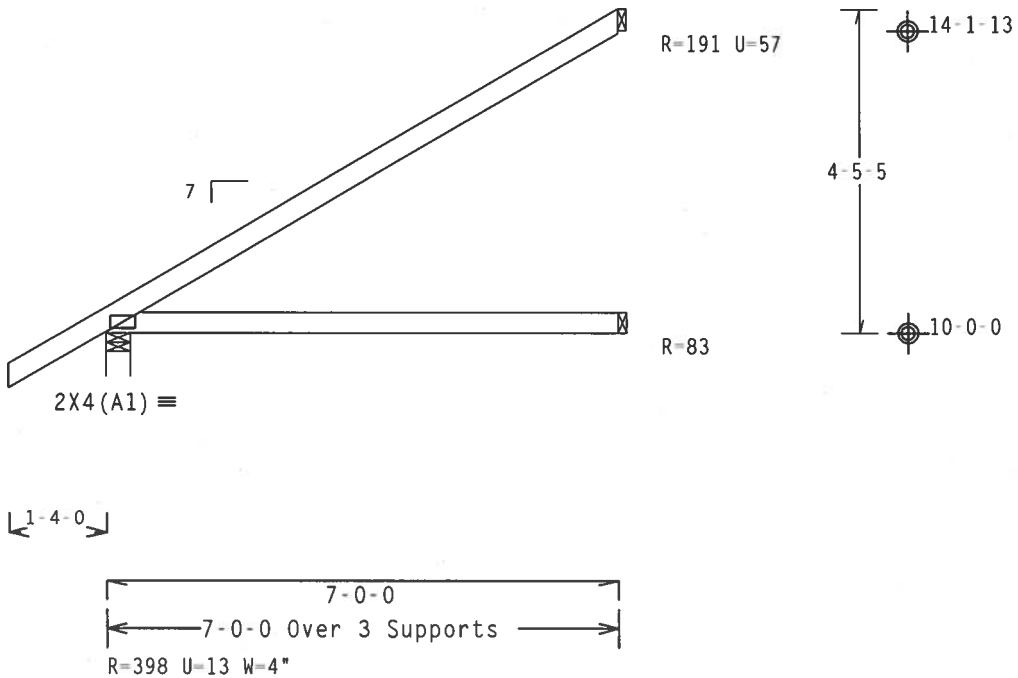
(7-138--OWNER BUILDER Timothy Scott -- , ** - EJ7)

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

Wind reactions based on MWFRS pressures.

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. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA. 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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. ITW BCG, 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. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39274
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141016
BC LL	0.0 PSF	HC-ENG	DAB/AF *
TOT.LD.	40.0 PSF	SEQN-	25452
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17-PB4)

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

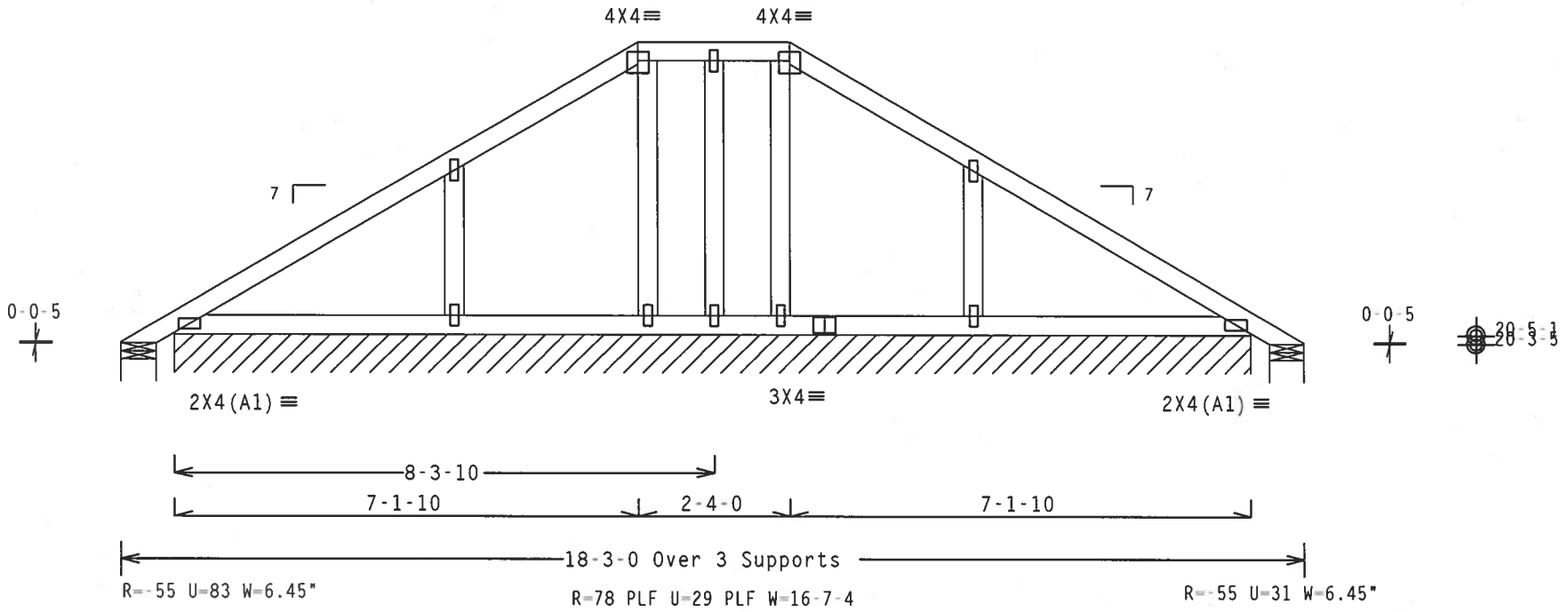
Wind reactions based on MWFRS pressures.

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 22.62 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

MAY 21 '07

TC LL	20.0 PSF	REF	R8228- 39275
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141037
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25488
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17-PB5)

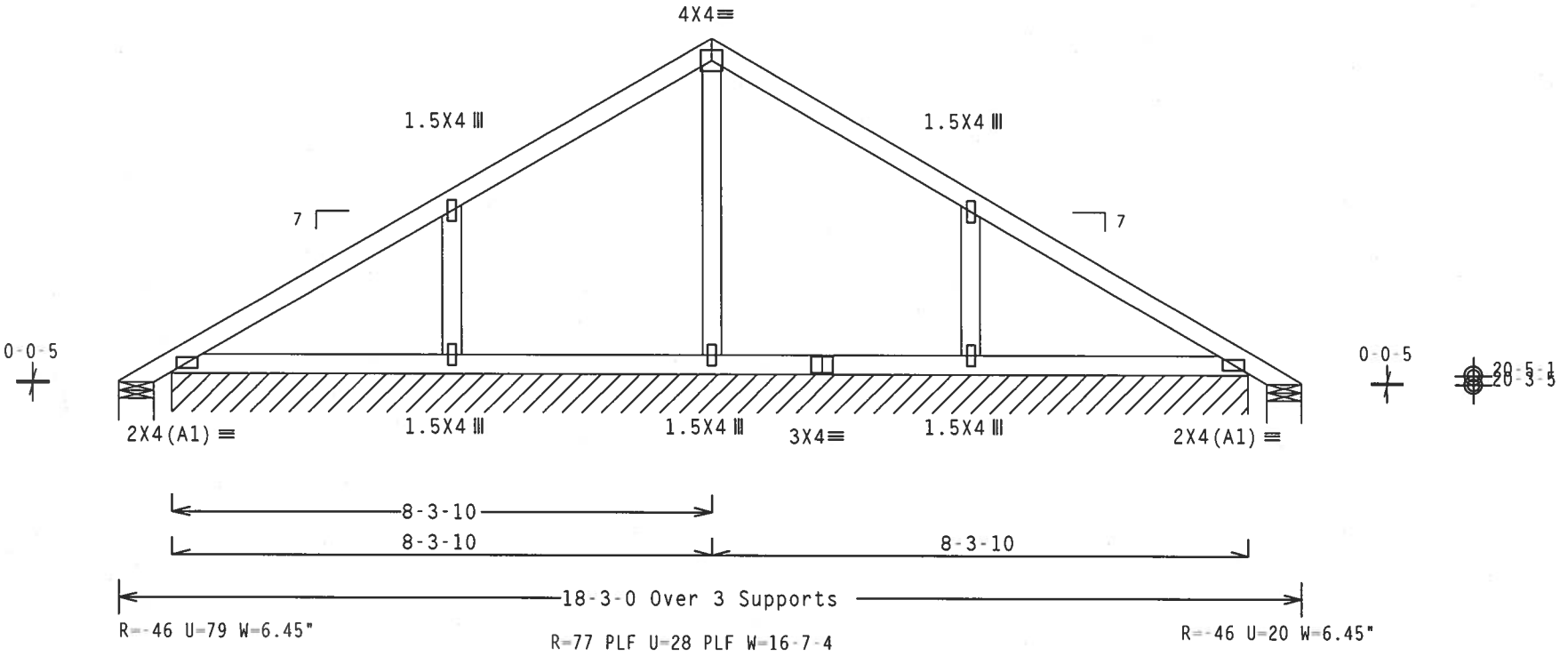
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 22.96 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Deflection meets L/240 live and L/180 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) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6673

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF R8228- 39276
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141038
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25636
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

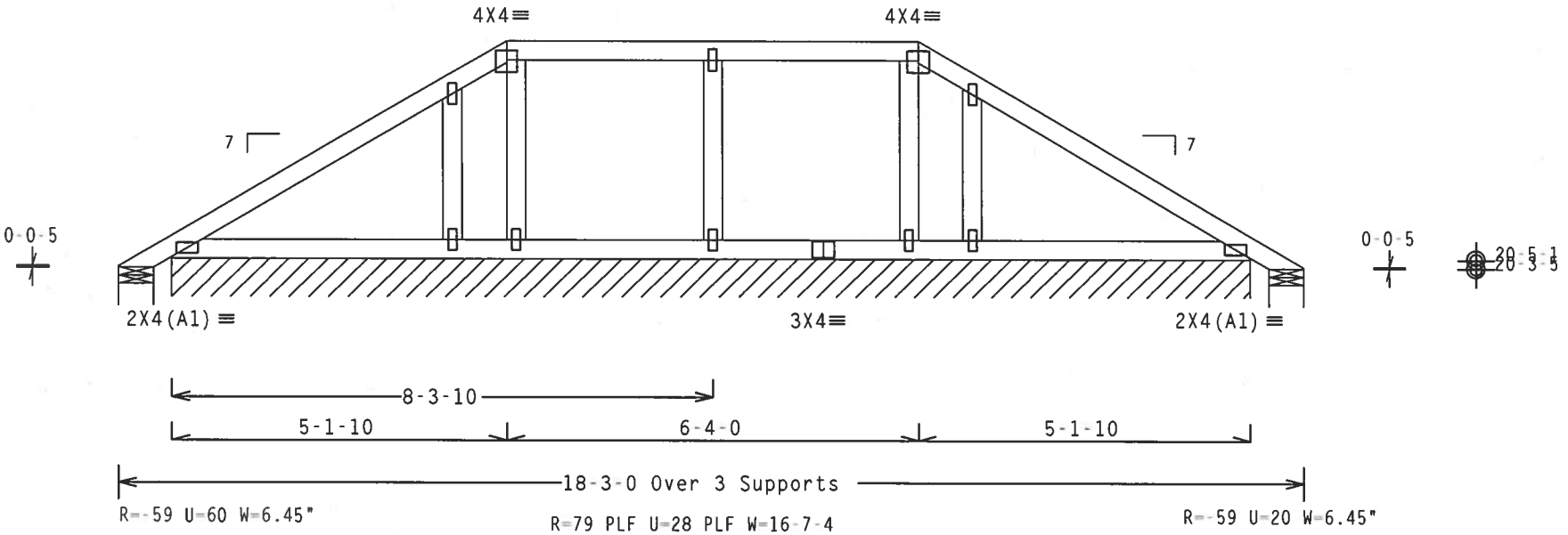
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 22.96 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 QTY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6627

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

May 21 '07

TC LL	20.0 PSF	REF	R8228- 39277
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141039
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25622
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

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

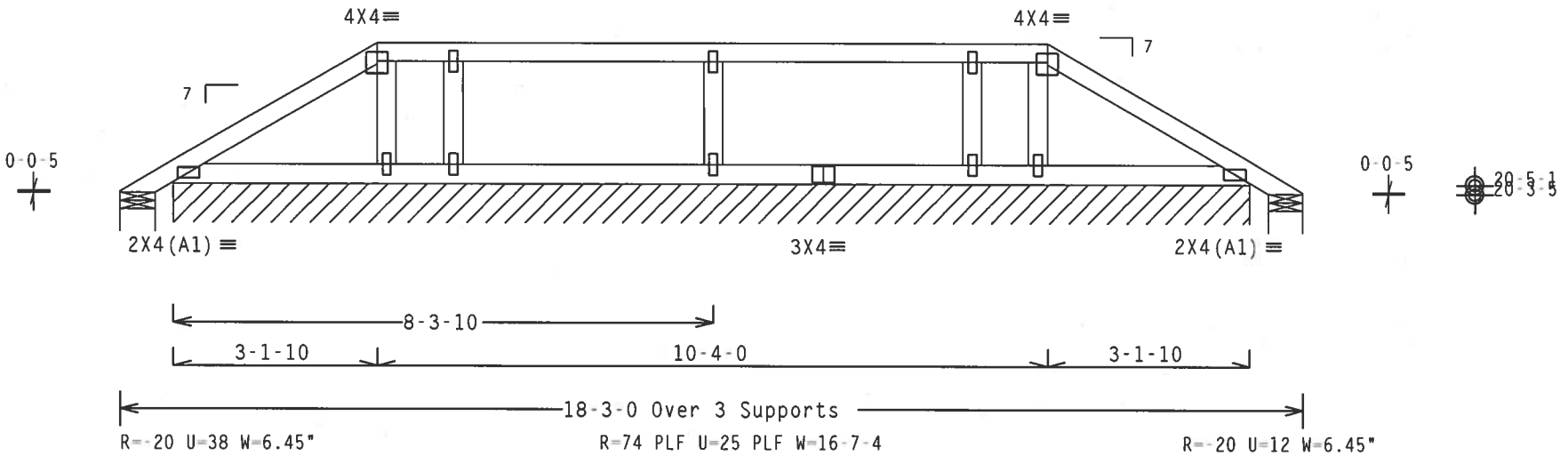
Wind reactions based on MWFRS pressures.

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 21.45 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.04 QTY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

May 21 '07

TC LL	20.0 PSF	REF R8228- 39278
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141040
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25627
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17-PB1)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 22.96 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

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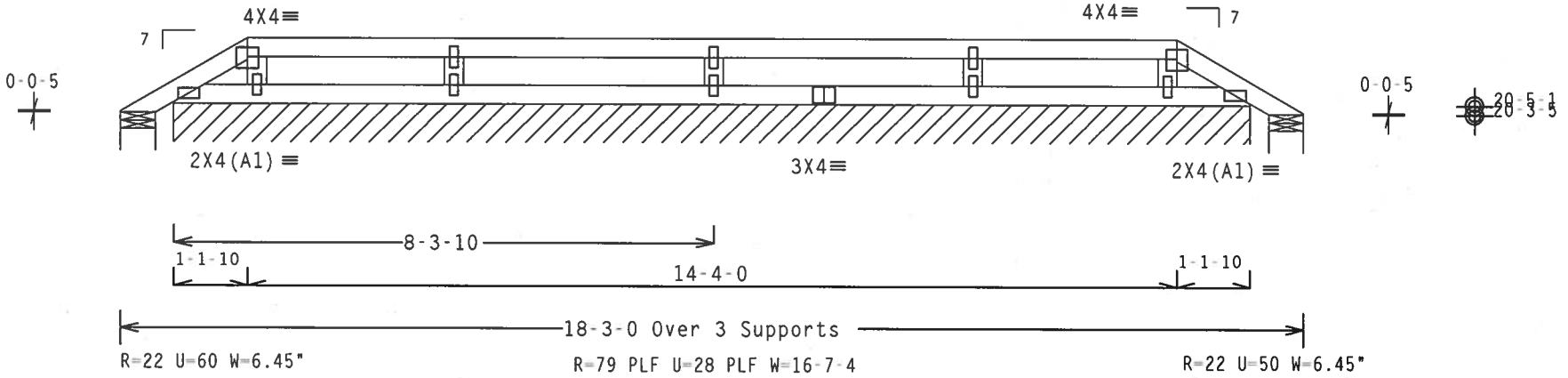
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #567

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

May 21 '07

TC LL	20.0 PSF	REF R8228- 39279
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141041
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25632
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H17 PB8)

THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Wind reactions based on MWFRS pressures.

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 20.87 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

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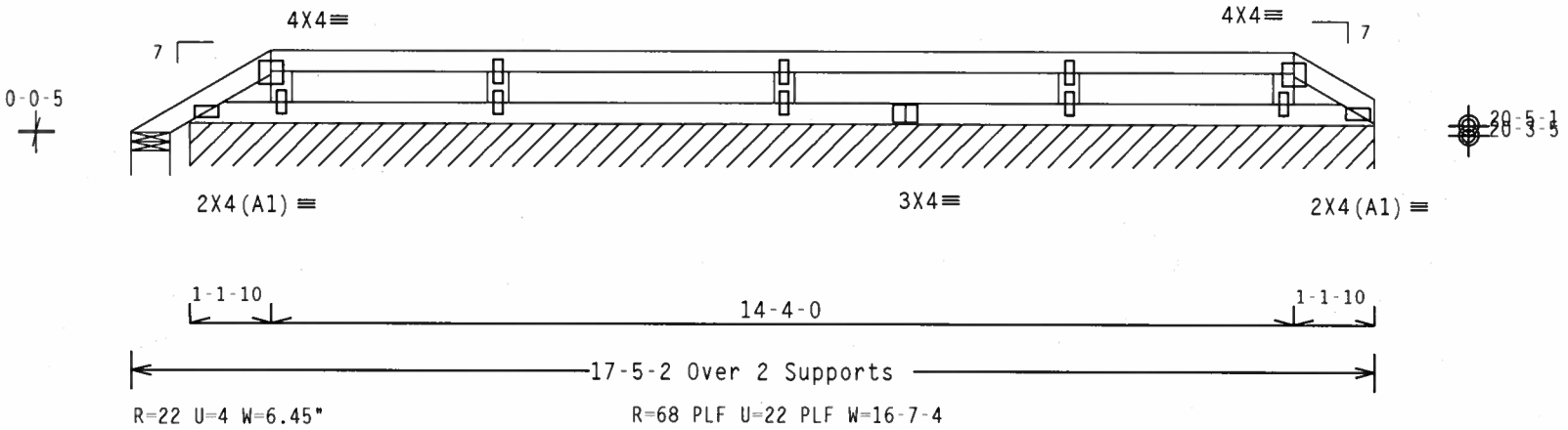

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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

May 21, 07

TC LL	20.0 PSF	REF R8228- 39280
TC DL	10.0 PSF	DATE 05/21/07
BC DL	10.0 PSF	DRW HCUSR8228 07141042
BC LL	0.0 PSF	HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN- 25641
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T7J8228Z01

(7 138 OWNER BUILDER Timothy Scott , ** H17 PB7)

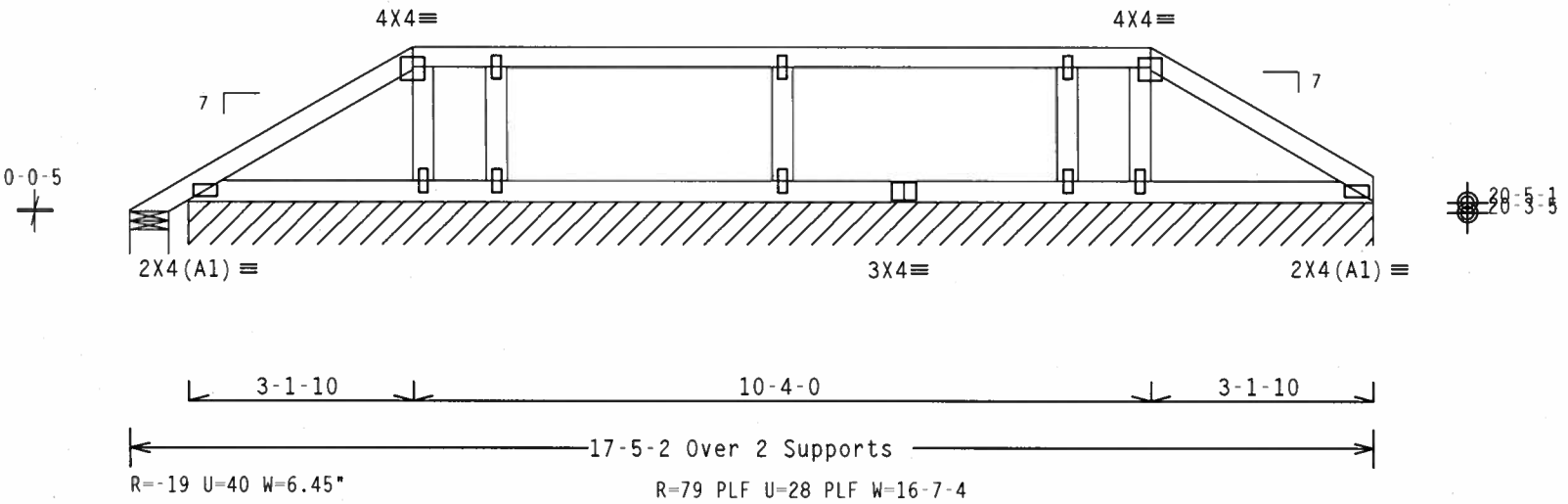
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
TOP CHORD OF SUPPORTING TRUSS UNDER PIGGYBACK TO BE BRACED @ 24" O.C, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 22.96 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=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.04 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, 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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DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39281
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141043
BC LL	0.0 PSF	HC-ENG	DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25646
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

(7-138--OWNER BUILDER Timothy Scott -- , ** - H17-PB6)

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

Wind reactions based on MWFRS pressures.

REFER TO PIGBACKA0405 OR PIGBACKB0405 FOR PIGYBACK DETAILS.
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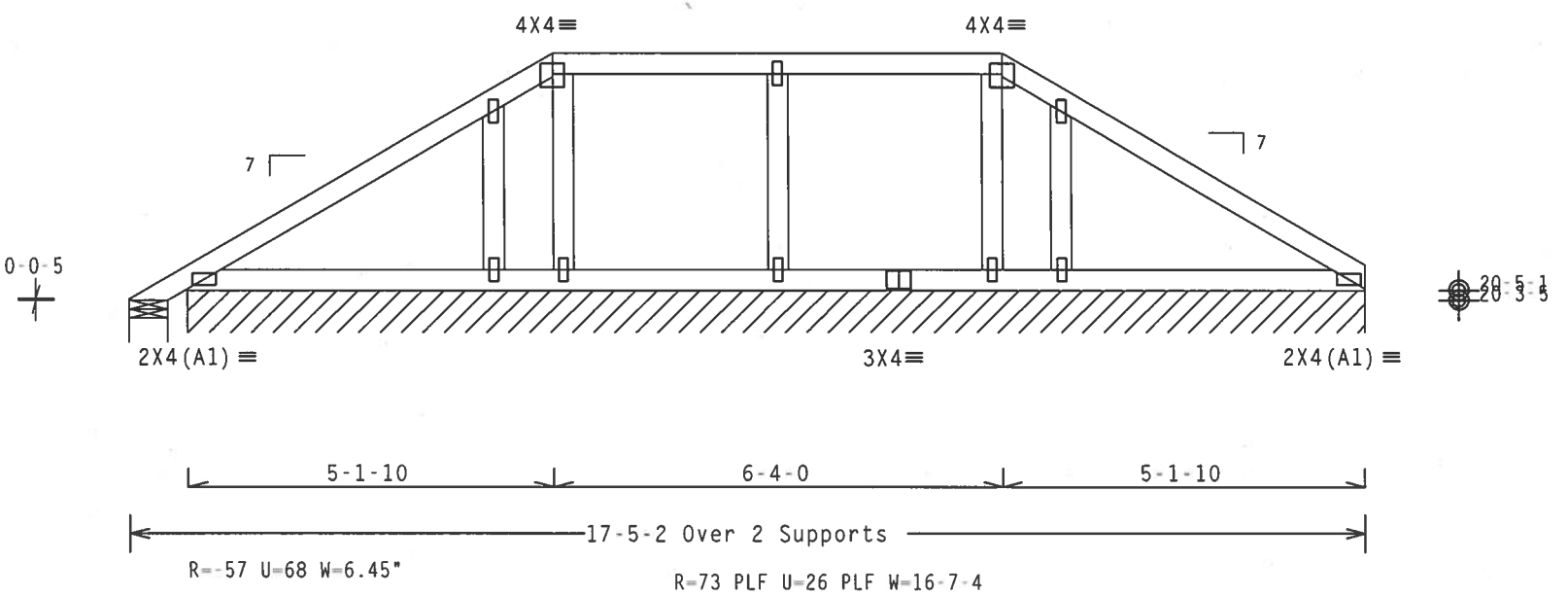
110 mph wind, 22.04 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/E/-/- Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 21 '07

TC LL	20.0 PSF	REF	R8228- 39282
TC DL	10.0 PSF	DATE	05/21/07
BC DL	10.0 PSF	DRW	HCUSR8228 07141044
BC LL	0.0 PSF		HC-ENG DAB/AF
TOT.LD.	40.0 PSF	SEQN-	25651
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7J8228Z01

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

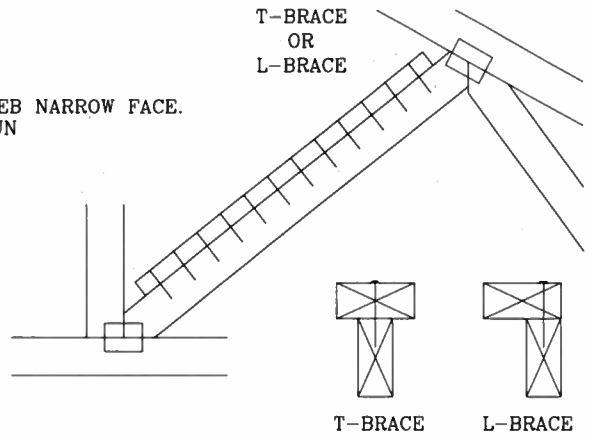
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

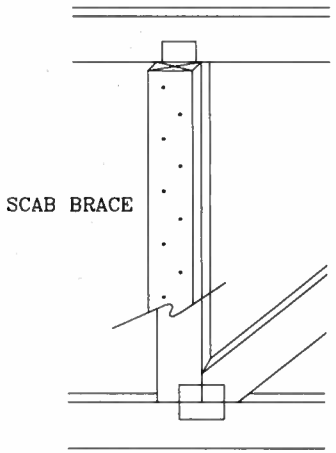
T-BRACING OR L-BRACING:

APPLY TO EITHER SIDE OF WEB NARROW FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



SCAB BRACING:

APPLY SCAB(S) TO WIDE FACE OF WEB. NO MORE THAN (1) SCAB PER FACE. ATTACH WITH 10d BOX OR GUN (0.128"x 3.",MIN) NAILS. AT 6" O.C. BRACE IS A MINIMUM 80% OF WEB MEMBER LENGTH



THIS DRAWING REPLACES DRAWING 579,640

ALPINE
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 07

TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

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

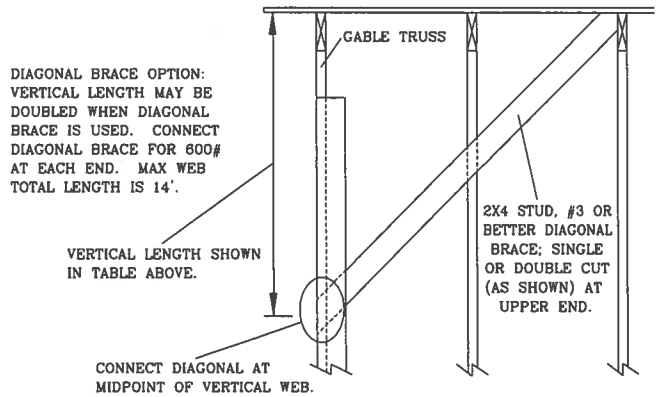
SOUTHERN PINE
#3
STUD
STANDARD

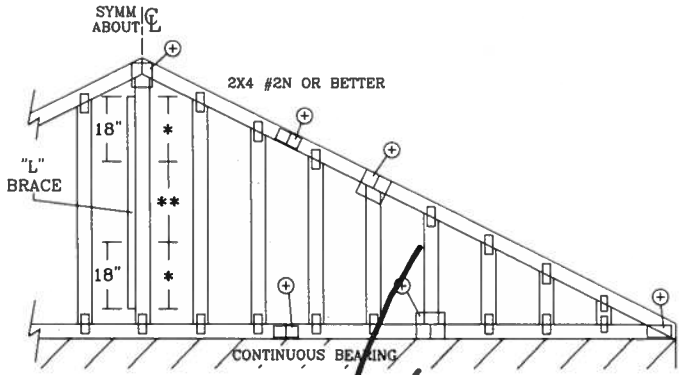
GROUP B:

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

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POMPANO BEACH, FLORIDA

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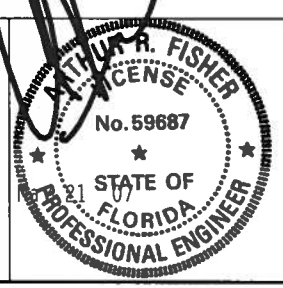
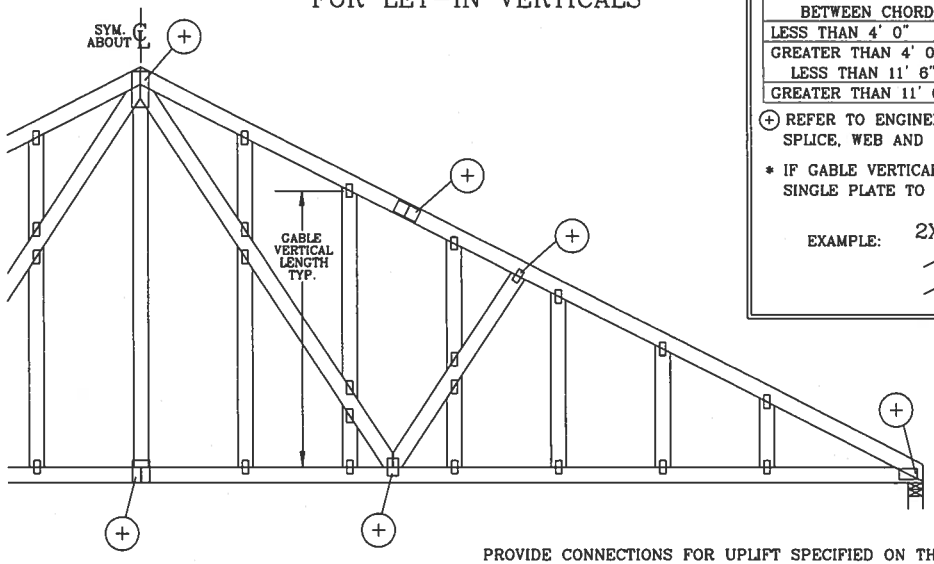


MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11015
DATE	2/23/07
DRWG	A11015EE0207
-ENG	

GABLE DETAIL
FOR LET-IN VERTICALS

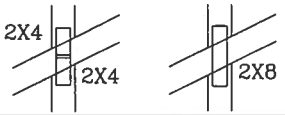


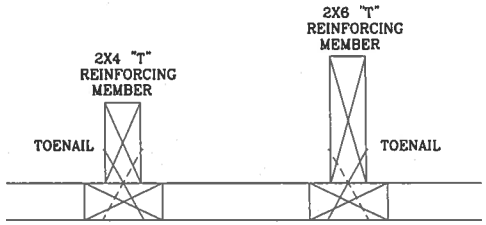
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

(+) 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:





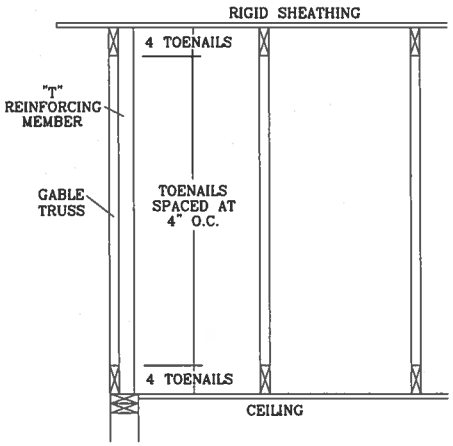
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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
A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207
ASCE 7-05 GABLE DETAIL DRAWINGS
A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207, A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207

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
ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA. 22314) 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. ITW BCG, 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. ITW, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W,K/H,SS) 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 (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 21 '07

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

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLLETIN0207
-ENG	DLJ/KAR

Schafer Engineering LLC

14952 Main St. Alachua FL 32615

E

Prepared for:

THE SCOTT RESIDENCE

By:

Schafer Engineering, LLC

386-462-1340 / 352-375-6329

NO COPIES ARE TO BE PERMITTED

SCHAFER ENGINEERING LLC

Trusses: Pre-engineered with manufacturer's required bracing system installed.
Roof sheathing: Type OSB Size 7/16 Fastener type nails 8d/.113 Ring Shank

Interior zone spacing: Interior 6 in. Periphery 3 in.
Edge and end zone spacing: Interior 6 in. Periphery 3 in.

Top double pl: Type Spruce Grade #1 #2 Size 2 x 4 Nail spacing 10 in.

Studs: Type Spruce Grade #1 #2 Size 2 x 4
Interior stud spacing 16 in. Composite (yes or no) Y
End stud spacing 16 in. Composite (yes or no) Y

Shearwall siding: Type OSB Thickness 7/16 in.
104' — Trans: Fastener 8d / 131 Spacing: Int 8 in. Edge 3 in.
74' — Long: Fastener 8d / 131 Spacing: Int 8 in. Edge 3 in.

Allowable unit shear on shearwalls: 418 **pounds per linear foot**
Unit shear transferred from diaphragm: Trans: 300 Long: 104

Wall tension transferred by: Siding nails 8d/131 @ 3 O.C. edges

Foundation anchor bolts: Concrete strength 3000 psi Size 1/2 in. Shape L
Washer 2" Embedment 7 in. Location of first anchor bolt from corner 8 in.

Anchor Bolts @ 48" O.C. Model A307 Loc. from corner 8 in.

Type of foundation: 1 #5 rebar continuous required in bond beam.
Floor slab 4 in. CMU: Size 8 x 16 in. Height 24 in. Reinf. # 5 at 72 in.
Monolithic footing: Depth 20 in. Bottom width 16 in. Reinf. 3 # 5 bars

Footing: Width 20 in. Depth 10 in. Reinforcing 3 # 5 bars
Interior Footings: 16" W X 10" D

Porch Columns: 4x4x10 syp #2 PT @ 86" o.c. max **Column Fasteners:** Simpson CB44/CC44 or equal

Special Comments: Install ceiling diaphragm on open porches using same Grade material nail sizes, & nail patterns as roof sheathing.

NOTE:
1. Balloon frame ALL gable ends unless this summary is accompanied by Gable End Wall Brace detail.
2. All trusses must bear on exterior walls & porch beams.
3. All walls to be nailed with same nailing pattern as shear walls.
4. This is a wind load only, NOT a structural analysis.
5. This wind load is not valid without a raised, embossed seal.
6. It is assumed that ideal soil conditions and pad preparations are provided.
7. Fiber mesh or WWM may be used in concrete slab.
8. Trusses must be anchored and supported in accordance to the truss engineering.
9. Wind design and analysis valid for one use only, no copies permitted.
10. The foundation is for minimum design use and may be increased.
11. All headers over 12 feet to be pre-engineered.

6-11-07

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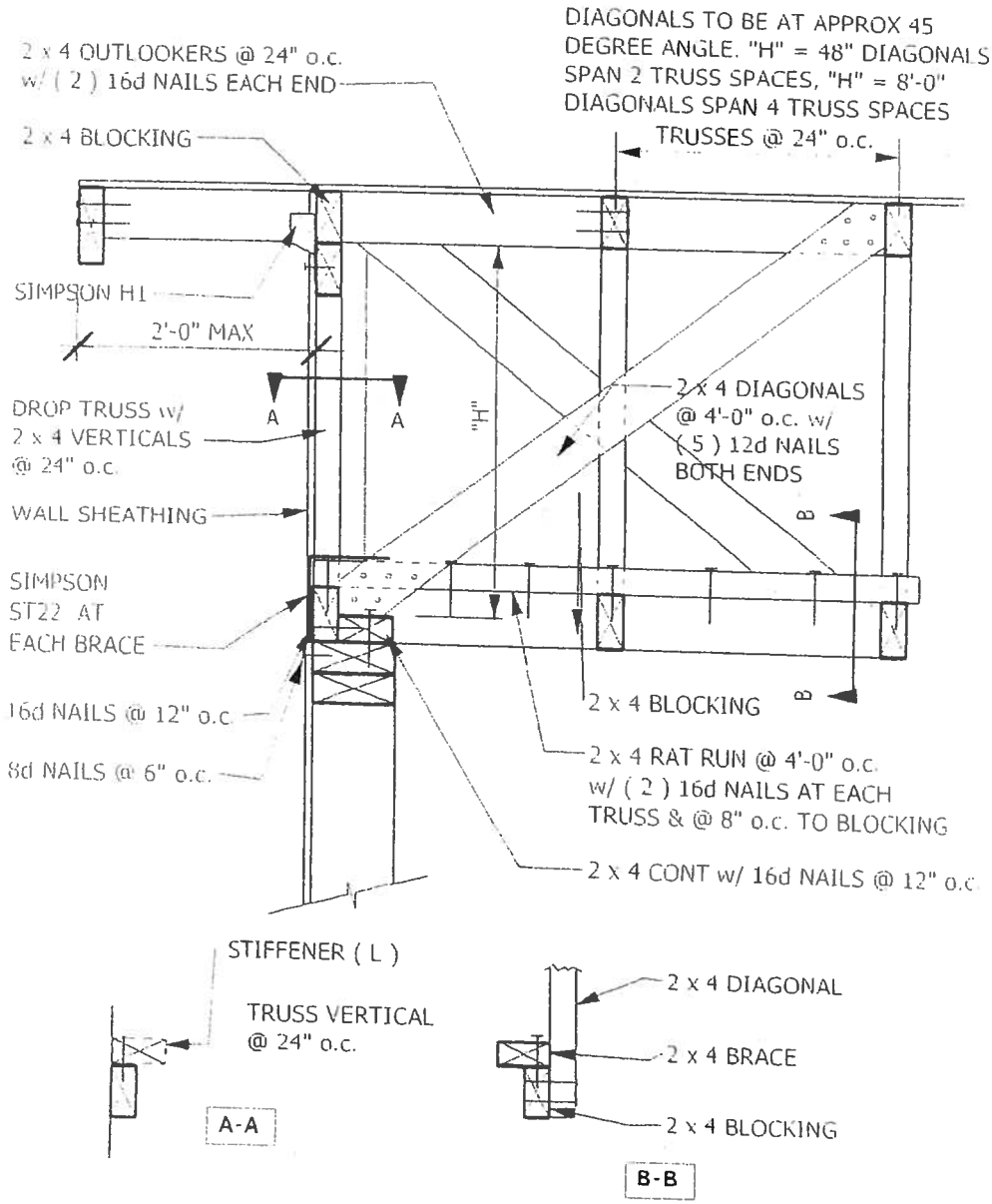
7104 NW 42nd Ln
Gainesville, Fl

SCHAFER ENGINEERING, LLC

7104 N. W. 42ND LANE

GAINESVILLE, FLORIDA 32606



TYPICAL GABLE END BRACING

6-4-07

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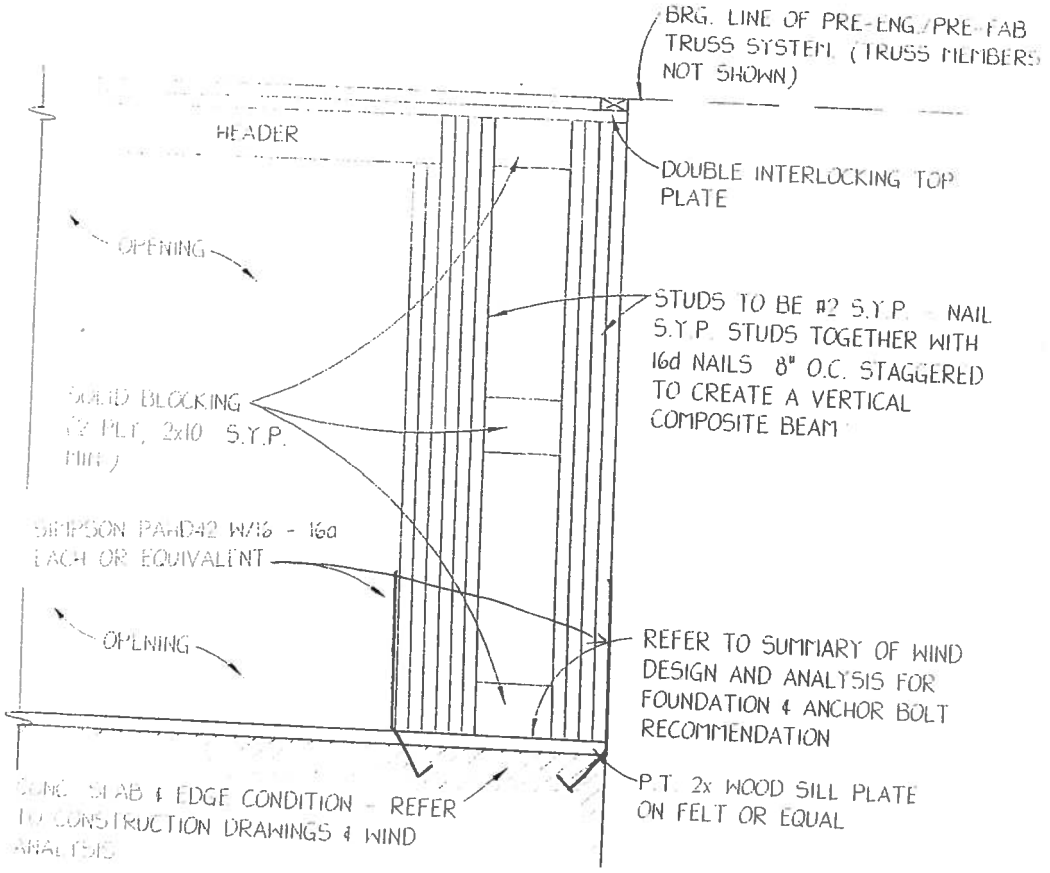

MINIMUM 2'-0" SHEAR WALL SEGMENT

ALLOWABLE EQUIVALENT SHEAR WALL EQUAL TO 1.5 TIMES THE ACTUAL WALL SEGMENT LENGTH. MINIMUM WALL SEGMENT LENGTH OF 2'-0" WHICH EQUATES TO A 3'-0" SHEAR WALL SEGMENT. SEE WINDLOAD ANALYSIS FOR NAIL SIZES AND SPACING ON SHEATHING.

6-11-07

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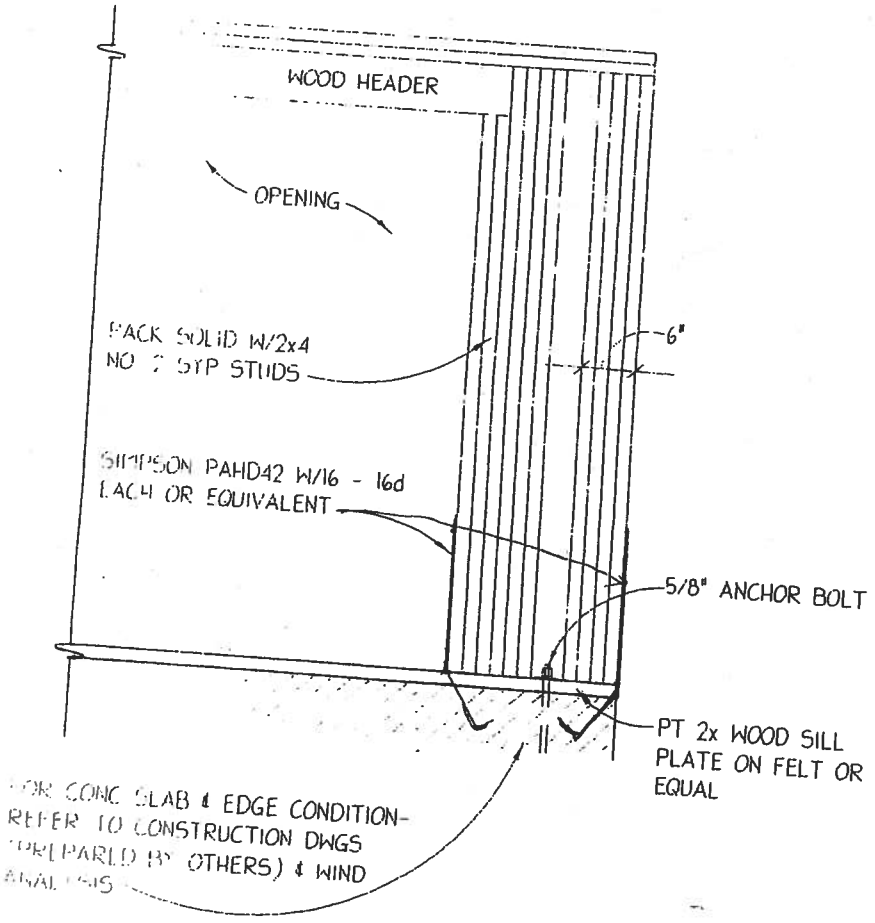
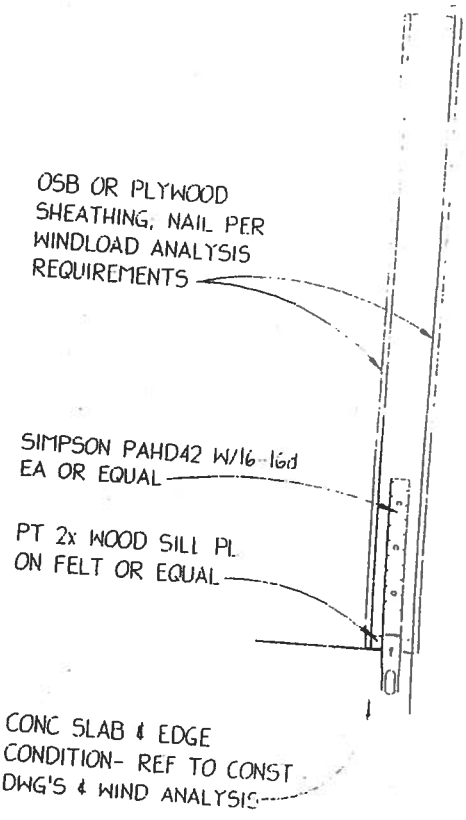
7104 N. W. 42ND LANE

GAINESVILLE, FLORIDA 32606



FRONT VIEW



SIDE VIEW

EQUIVALENT 3'-0" SHEAR WALL SEGMENT

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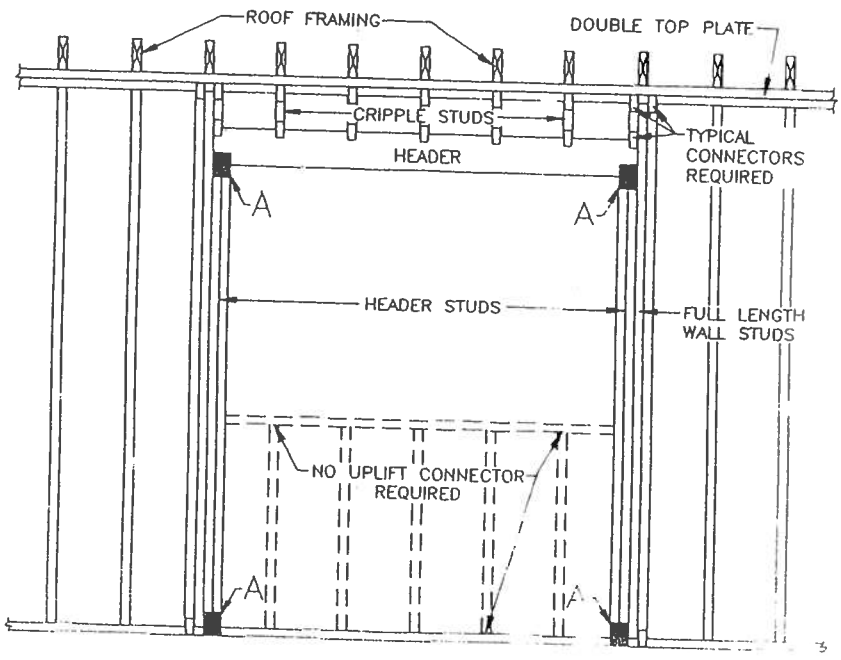
Gainesville, Fl

Unsupported Wall Height	Stud Spacing	Maximum Header Span (ft.)					
		3'	6'	9'	12'	15'	18'
		Number of Header Studs Supporting End of Header					
		1[1]	1	2	2	2	2
		Number of Full-Length Studs at Each End of Header					
10' or less	12 in.	2	2	3	3	3	3
	16 in.	2	2	3	3	3	3
	24 in.	1	2	2	2	2	2
greater than 10'	12 in.	2	2	3	4	5	5
	16 in.	2	2	3	3	4	4
	24 in.	1	2	2	2	3	3

1. The header stud shall not be required if the header is supported by a suitable framing anchor.

Uplift connection requirement at points A (top and bottom of header studs): Uplift load per framing member above the header from Table 307F1 or 307A, as appropriate, multiplied by the number of framing members displaced divided by two.

NOTE: Uplift connection is required at each end of header and at bottom of header studs in addition to connectors at wall studs and at top and bottom of cripples.



TIE-DOWN TABLES

HEADERS				
Uplift Force Lbs	Top Connector **	Rating Lbs	Bottom Connector **	Rating Lbs
to 455	LSTA9	725	H3	455
to 910	LSTA12	905	2-H3	910
to 1265	LSTA18	1265	LTT19	1350
to 1750	2-LSTA12	1810	LTT20	1750
to 2530	2-LSTA18	2530	HD2A-2.5	2565
to 2865	3-LSTA18	3255	HD2A-3.5	2865
to 3700	3-LSTA24	3880	HD5A-3	3700

Total uplift for each truss resting on the header and divide by 2 to determine the uplift force.
Use proper bolt anchors sufficient to support required load.

TRUSSES/GIRDERS		
Uplift Force Lbs	Top Connector **	Bottom Connector **
to 500	H2.5	N/A
501-1049	H10	N/A
1050-1350	TS22	LTT19
1351-1750	2-TS22	LTT20
1751-2570	2-TS22	HD2A
2571-3665	3-TS22	HD5A
3666-5260	2-MST148	HTT22
5261-8300	2-MST48	HD10A

Two 12d common toenails are required per truss/rafter per bearing point into plate.
Use proper bolt anchors.
Strap rafters to truss or at each end with minimum uplift resistance of 450# each end.
Strap ridge beam at each end with minimum uplift resistance of 1000#.
It is the contractors' responsibility to provide a continuous load path from truss/rafter/ridge beam to foundation.

	Top Connector **	Rating Lbs	Bottom Connector **	Rating
BEAM SEATS	LSTA18*	1200	LTT19*	1250
POSTS (max 17' spacing)	2-LSTA18	2400	ABU44	2300

*or per truss engineering
Use proper bolt anchors
All beams to be sheathed or strapped to Double Top Plate when applicable.

CRIPPLES	Sheathing nailing alone adequate w/8d nails @ 3" O.C.

STUDS
Wall sheathing nailing Adequate exterior walls bottom w/8d nails.
Use SP1 & SP2 @32" O.C. on all interior non-sheathed bearing walls.
Interior anchor bolts to be ½" x 8" A307 or ½" x 7" wedge anchor or equivalent.

** Equivalent Simpson hardware, or other manufacturer, may be substituted for any of the hardware specified on this page as long as it meets the required load capacities/uplift resistance.

NOTE:

1. For nailing into SPF members, multiply table values by .86
2. See truss engineering for anchor tie-down values.

ASCE 7-02

6/11/07

Wind Load Design per ASCE 7-02

User Input Data		
Structure Type	Building	
Basic Wind Speed (V)	110	mph
Structural Category	II	
Exposure	B	
Struc Nat Frequency (n1)	1	Hz
Slope of Roof (Theta)	30.3	Deg
Type of Roof	Hipped	
Eave Height (Eht)	10.00	ft
Ridge Height (RHt)	24.42	ft
Mean Roof Height (Ht)	17.38	ft
Width Perp. to Wind (B)	59.00	ft
Width Parallel to Wind (L)	71.33	ft
Damping Ratio (beta)	0.01	

Red values should be changed only through "Main Menu"

Calculated Parameters		
Type of Structure		
Height/Least Horizontal Dim	0.29	
Flexible Structure	No	

Calculated Parameters		
Importance Factor	1	
Hurricane Prone Region (V>100 mph)		
Table C6-4 Values		
Alpha =	7.000	
zg =	1200.000	
At =	0.143	
Bt =	0.840	
Am =	0.250	
Bm =	0.450	
Cc =	0.300	
l =	320.00	ft
Epsilon =	0.333	
Zmin =	30.00	ft

Gust Factor Category I: Rigid Structures - Simplified Method			
Gust1	For rigid structures (Nat Freq > 1 Hz) use 0.85	0.85	
Gust Factor Category II: Rigid Structures - Complete Analysis			
Zm	Zmin	30.00	ft
Izm	Cc * (33/z)^0.167	0.3048	
Lzm	l*(zm/33)^Epsilon	309.99	ft
Q	(1/(1+0.63*((B+Ht)/Lzm)^0.63))^0.5	0.8906	
Gust2	0.925*((1+1.7*Izm*3.4*Q)/(1+1.7*3.4*Izm))	0.8605	
Gust Factor Category III: Flexible or Dynamically Sensitive Structures			
Vhref	V*(5280/3600)	161.33	ft/s
Vzm	bm*(zm/33)^Am*Vhref	70.89	ft/s
NF1	NatFreq*Lzm/Vzm	4.37	Hz
Rn	(7.47*NF1)/(1+10.302*NF1)^1.667	0.0552	
Nh	4.6*NatFreq*Ht/Vzm	1.13	
Nb	4.6*NatFreq*B/Vzm	3.83	
Nd	15.4*NatFreq*Depth/Vzm	15.50	
Rh	1/Nh-(1/(2*Nh^2)*(1-Exp(-2*Nh)))	0.5348	
Rb	1/Nb-(1/(2*Nb^2)*(1-Exp(-2*Nb)))	0.2271	
Rd	1/Nd-(1/(2*Nd^2)*(1-Exp(-2*Nd)))	0.0625	
RR	((1/Beta)*Rn*Rh*Rb*(0.53+0.47*Rd))^0.5	0.6122	
gg	+(2*LN(3600*n1))^0.5+0.577/(2*LN(3600*n1))^0.5	4.19	
Gust3	0.925*((1+1.7*Izm*(3.4^2*Q^2+GG^2*RR^2)^0.5)/(1+1.7*3.4*Izm))	1.02	

Gust Factor Summary			
Main Wind-force resisting system:		**Components and Cladding:**	
Gust Factor Category:	I	Gust Factor Category:	I
Gust Factor (G)	0.86	Gust Factor (G)	0.86

ASCE 7-02

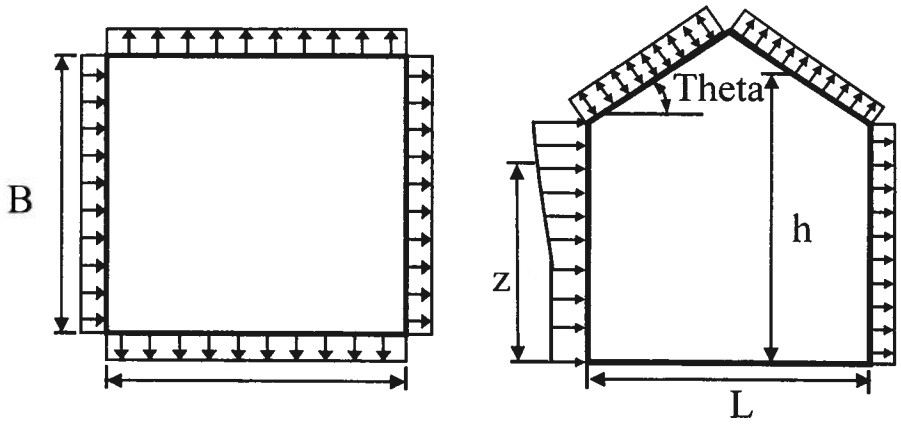
Wind Load Design per ASCE 7-02

6.5.12.2.1 Design Wind Pressure - Buildings of All Heights (Non-flexible)

Elev.	Kz	Kzt	Kd	qz	Pressure (lb/ft^2)	
					Windward Wall*	
ft			1.00	lb/ft^2	+GCpi	-GCpi
24.42	0.70	1.00	1.00	21.70	11.60	18.28
20	0.70	1.00	1.00	21.70	11.60	18.28
17.38	0.70	1.00	1.00	21.70	11.60	18.28
15	0.70	1.00	1.00	21.70	11.60	18.28

Figure 6-3 - External Pressure Coefficients, Cp

Loads on Main Wind-Force Resisting Systems



Variable	Formula	Value	Units
Kh	2.01*(Ht/zg)^(2/Alpha)	0.60	
Kht	Topographic factor (Fig 6-2)	1.00	
Qh	.00256*(V)^2*ImpFac*Kh*Kht*Kd	18.57	psf

Wall Pressure Coefficients, Cp	
Surface	Cp
Windward Wall (See Figure 6.5.12.2.1 for Pressures)	0.80

Roof Pressure Coefficients, Cp	
Roof Area (sq. ft.)	-
Reduction Factor	1.00

Description	Cp	Pressure (psf)	
		+GCpi	-GCpi
Leeward Walls (Wind Dir Parallel to 59 ft wall)	-0.46	-10.66	-3.98
Leeward Walls (Wind Dir Parallel to 71.33 ft wall)	-0.50	-11.33	-4.65
Side Walls	-0.70	-14.53	-7.84
Roof - Normal to Ridge (Theta>=10)			
Windward - Max Negative	-0.19	-6.35	0.34
Windward - Max Positive	0.31	1.55	8.23
Leeward Normal to Ridge	-0.60	-12.93	-6.24
Overhang Top	-0.19	-3.00	-3.00
Overhang Bottom	0.80	0.69	0.69
Roof - Parallel to Ridge (All Theta)			
Dist from Windward Edge: 0 ft to 8.69 ft	-0.90	-17.72	-11.04

ASCE 7-02

Wind Load Design per ASCE 7-02

Dist from Windward Edge: 8.69 ft to 17.38 ft	-0.90	-17.72	-11.04
Dist from Windward Edge: 17.38 ft to 34.76 ft	-0.50	-11.33	-4.65
Dist from Windward Edge: > 34.76 ft	-0.30	-8.14	-1.45

* Horizontal distance from windward edge

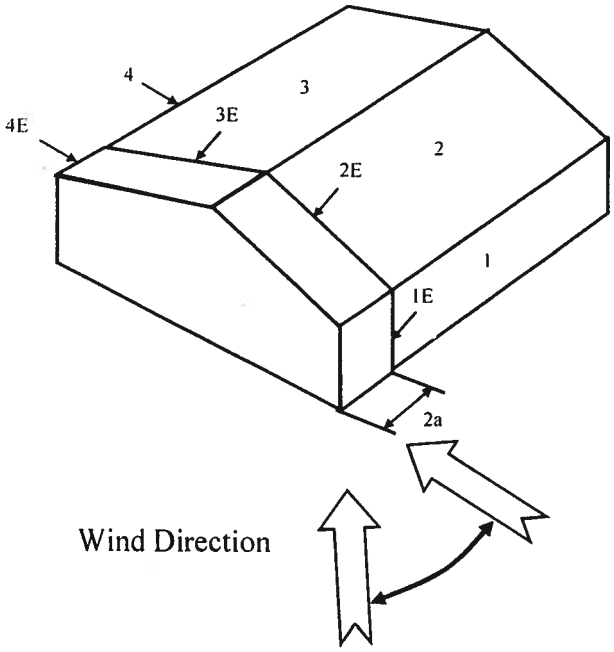
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.60
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.57

Case A						
Surface	**GCpf**	**+GCpi**	**-GCpi**	**qh (psf)**	**Min P (psf)**	**Max P (psf)**
1	0.56	0.18	-0.18	21.70	8.25	16.06
2	0.21	0.18	-0.18	21.70	0.65	8.46
3	-0.43	0.18	-0.18	21.70	-13.24	-5.43
4	-0.37	0.18	-0.18	21.70	-11.94	-4.12
5	0.00	0.18	-0.18	21.70	-3.91	3.91
6	0.00	0.18	-0.18	21.70	-3.91	3.91
1E	0.69	0.18	-0.18	21.70	11.07	18.88
2E	0.27	0.18	-0.18	21.70	1.95	9.77
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.00	0.18	-0.18	21.70	-3.91	3.91
6E	0.00	0.18	-0.18	21.70	-3.91	3.91

* p = qh * (GCpf - GCpi)



ASCE 7-02

Wind Load Design per ASCE 7-02

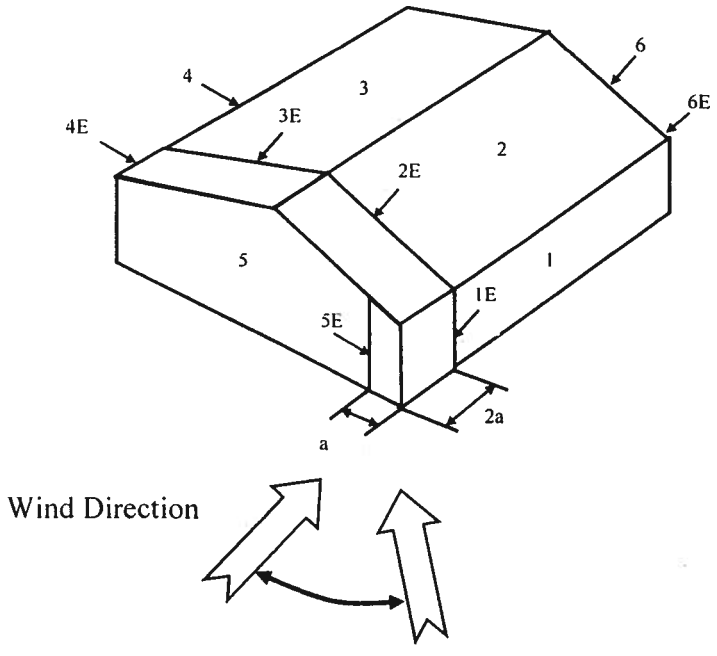
Figure 6-4 - External Pressure Coefficients, GCpf

Loads on Main Wind-Force Resisting Systems w/ Ht <= 60 ft

Kh =	2.01*(Ht/zg)^(2/Alpha)	=	0.60
Kht =	Topographic factor (Fig 6-2)	=	1.00
Qh =	0.00256*(V)^2*ImpFac*Kh*Kht*Kd	=	18.57

Case B						
Surface	**GCpf**	**+GCpi**	**-GCpi**	**qh (psf)**	**Min P (psf)**	**Max P (psf)**
1	-0.45	0.18	-0.18	21.70	-13.67	-5.86
2	-0.69	0.18	-0.18	21.70	-18.88	-11.07
3	-0.37	0.18	-0.18	21.70	-11.94	-4.12
4	-0.45	0.18	-0.18	21.70	-13.67	-5.86
5	0.40	0.18	-0.18	21.70	4.77	12.59
6	-0.29	0.18	-0.18	21.70	-10.20	-2.39
1E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
2E	-1.07	0.18	-0.18	21.70	-27.13	-19.31
3E	-0.53	0.18	-0.18	21.70	-15.41	-7.60
4E	-0.48	0.18	-0.18	21.70	-14.32	-6.51
5E	0.61	0.18	-0.18	21.70	9.33	17.14
6E	-0.43	0.18	-0.18	21.70	-13.24	-5.43

* p = qh * (GCpf - GCpi)

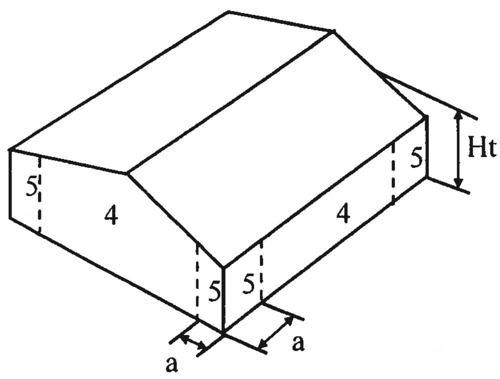


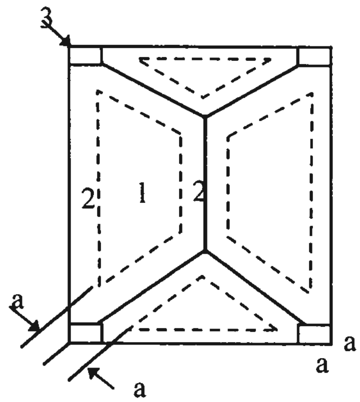
ASCE 7-02

Wind Load Design per ASCE 7-02

Figure 6-5 - External Pressure Coefficients, GCp

Loads on Components and Cladding for Buildings w/ Ht <= 60 ft





Hipped Roof
10 < Theta <= 30

a = 5.9 ==> 5.90 ft

Component	Width (ft)	Length (ft)	Area (ft^2)	Zone	GCp Max	GCp Min	Wind Press (lb/ft^2) Max	Wind Press (lb/ft^2) Min
	16	7	112.00	5	0.81	-1.03	18.47	-22.46
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					
	0	0	0.00					

Note: * Enter Zone 1 through 5, or 1H through 3H for overhangs.

Table 6-7 Internal Pressure Coefficients for Buildings, Gcpi

ASCE 7-02

Wind Load Design per ASCE 7-02

Condition	Gcpi	
	Max +	Max -
Open Buildings	0.00	0.00
Partially Enclosed Buildings	0.55	-0.55
Enclosed Buildings	0.18	-0.18
Enclosed Buildings	**0.18**	**-0.18**

Table 6-8 External Pressure Coefficients for Arched Roofs, Cp

r (Rise-to-Span Ratio) = 0.3

Condition	Variable	Cp		
		Windward Quarter	Center Half	Leeward Quarter
Roof on Elevated Structure	Cp	0.13	-1	-0.5
	P (+GCpi) - psf	-1.35	-19.32	-11.33
	P (-GCpi) -psf	5.34	-12.63	-4.65
Roof Springing from Ground	Cp	0.42	-1	-0.5
	P (+GCpi) - psf	3.37	-19.32	-11.33
	P (-GCpi) -psf	3.37	-19.32	-11.33

Table 6-9 Force Coefficients for Monoslope Roofs over Open Buildings, Cf

Variable	Description	Value	
L	Roof dimension normal to wind direction	71.33	ft
B	Roof dimension parallel to wind direction	59.00	ft
L/B	Ratio of L to B	1.209	
Theta	Slope of Roof	30.3	Deg
Cf	Force Coefficient	0.00	
X	Distance to center of pressure from windward edge	0.00	ft

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	not yet purchased		
A. SWINGING	" "		
B. SLIDING	" "		
C. SECTIONAL/ROLL UP	not yet purchased		
D. OTHER			
2. WINDOWS	not yet purchased		
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL	not yet purchased		
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS	not yet purchased		
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS	see attached		
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

ASPEN
PEST CONTROL, INC.

Lake City (386) 755-3611
Gainesville (352) 494-5751
Fax (386) 755-3885
Toll Free 1-800-816-4707

Notice of Intent for Preventative Treatment for Termites

(as required by Florida Building Code (FBC) 104.2.6)

OK. WAYNE # 25990

Aspen Pest Control, Inc.
(386) 755-3611
State License # - JB109476
State Certification # - JF104376

(Ragan) 149 NW Pinellas Ct. Lake City, Fl (Isaac Construction)
Address of Treatment or Lot/Block of Treatment

Bora-Care Wood Treatment – 23% Disodium Octaborate Tetrahydrate
Method of Termite Prevention – Soil Barrier, Wood Treatment, Bait System, Other

Application onto Structural Wood
Description of Treatment

The above named structure will receive a complete treatment for the prevention of subterranean termites at the dried-in stage of construction. Treatment is done in accordance with the rules and laws established by the Florida Department of Agriculture and Consumer Services and according to EPA registered label directions as stated in Florida Building Code Section 1861.1.8.

Michelle Fischer
Authorized Signature

9-26-07
Date

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 34-2S-16-01841-011 **Building permit No.** 000025990

Use Classification SFD/UTILITY **Fire:** 100.50

Permit Holder JULIUS HARDEN **Waste:** 38.52

Owner of Building TIMOTHY & ALLISON SCOTT **Total:** 139.02

Location: 195 NW WHITEWATER GLN

Date: 04/15/2008

Wayne Ross Bu.

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)