DATE 07/02/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025971

APPLICANT JACOB KIRSCH PHONE 386.755.2082

ADDRESS 147 SW WATERFORD CT, #106 LAKE CITY FL 32025

OWNER COMPASS BUILDERS PHONE 755.2082

ADDRESS 120 SW THRASHER LANE LAKE CITY FL 32024

CONTRACTOR JACOB KIRSCH PHONE 386.755.2082

LOCATION OF PROPERTY 47-S PAST COLUMBIA CITY/C-240 GO 1/4 MILE JUST PAST THRASHER ON THE R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 57300.00

HEATED FLOOR AREA 1146.00 TOTAL AREA 1661.00 HEIGHT 16.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12` 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 15-5S-16-03626-322 SUBDIVISION COLUMBIA CITY HOMES

LOT 22 BLOCK PHASE UNIT 1 TOTAL ACRES 0.50

000001408		CBC1253775		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
WAIVER	07-0468-N	BLK	JT	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. SECTION 2.3.1 LEGAL NON-CONFORMING LOT OF RECORD. 1ST. FLOOR @ 1 FOOT ABOVE ROAD.

Check # or Cash 11240

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 $ 290.00 CERTIFICATION FEE $ 8.30 SURCHARGE FEE $ 8.30

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 381.60

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

For Office Use Only Application # 0706-48 Date Received 6/13 By JW Permit # 1408 / 25971

Application Approved by - Zoning Official BLK Date 27.06.07 Plans Examiner OKJTH Date 6-21-07

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

Comments Section 2.3.1 Legal Non-conforming Lot of Record 1st Floor 1ft above Rd.

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

Name Authorized Person Signing Permit Jacob Kirsch / Susan Chaggaris Fax 386-752-5044

Phone 386-755-2082

Address 147 SW Waterford Ct. #106, Lake City FL 32025

Owners Name Compass Builders Phone 386-755-2082

911 Address 120 SW. Thrasher Lane, L.C. 32024

Contractors Name Jacob Kirsch Phone 386-755-2082

Address 147 SW Waterford Ct. #106 Lake City FL 32025

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Mark Disosway

Mortgage Lenders Name & Address Columbia Bank, Turner rd. Lake City. FL

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

Property ID Number 15-5S-16-03626-322 Estimated Cost of Construction 55,000

Subdivision Name Columbia Homesites Lot 22 Block ____ Unit 1 Phase ____

Driving Directions Hwy 47 S, past CR 240 .25 miles and just past thrashers lane on right.

Type of Construction Wood frame, SFD Number of Existing Dwellings on Property 0

Total Acreage .5 Ac Lot Size .5 Ac Do you need a – (Culvert Permit) or (Culvert Waiver) or Have an Existing Drive need waiver

Actual Distance of Structure from Property Lines - Front 35' Side 88' Side 88' Rear 35'

Total Building Height 16' Number of Stories 1 Heated Floor Area 1146 TOTAL 1661 Roof Pitch 6/12

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 CBC 125 3775

Competency Card Number

NOTARY STAMP/SEAL

SUSAN E. MORRELL
Notary Public - State of Florida
My Commission Expires Jun 11, 2007
Commission # DD197424
Bonded By National Notary Assn.

STATE OF FLORIDA
COUNTY OF COLUMBIA

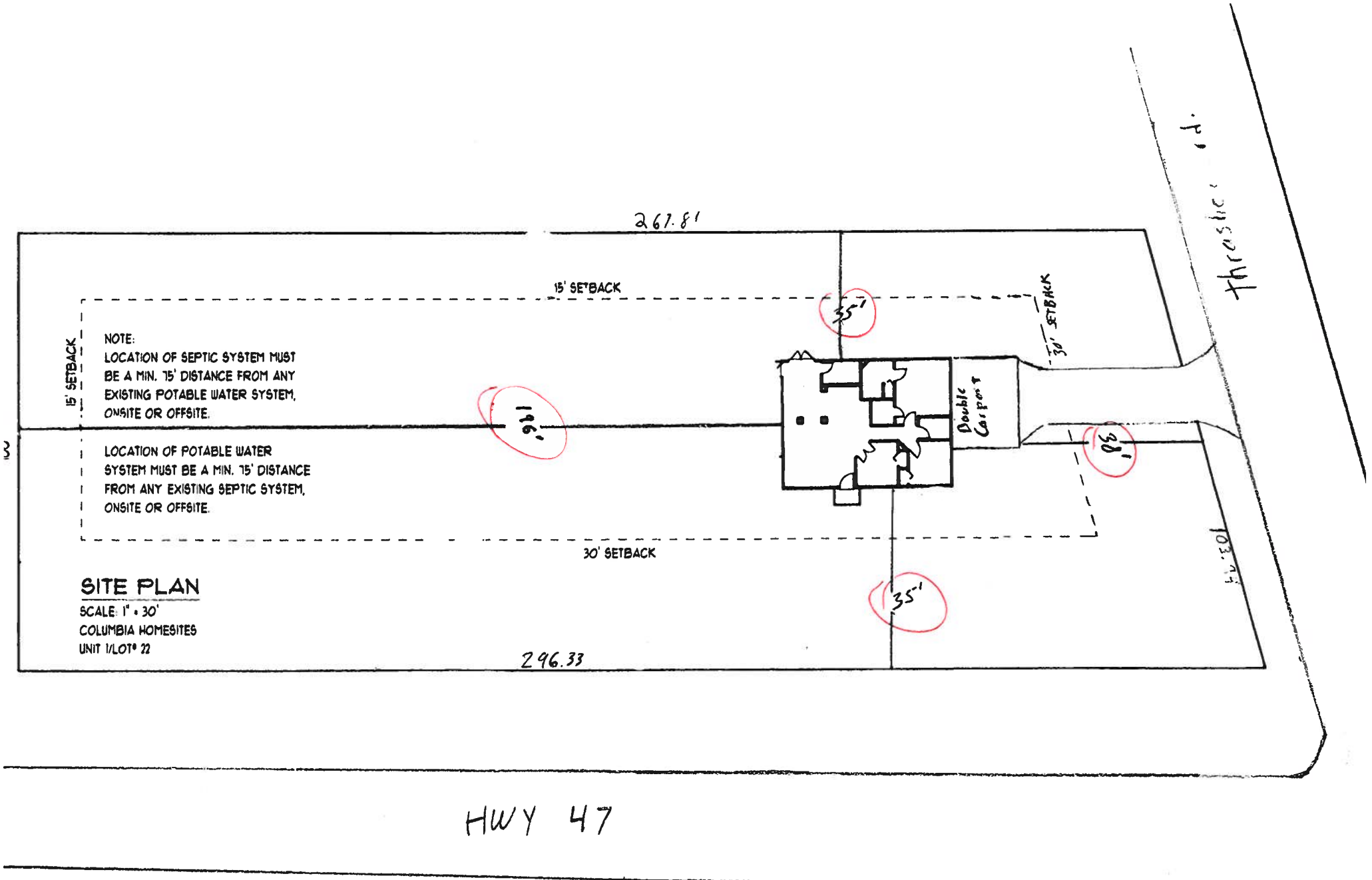
Sworn to (or affirmed) and subscribed before me

this 11th day of June 20 07.

Personally known ✓ or Produced Identification ____

Notary Signature

(Revised Sept. 2006)


261.81
15' SETBACK
15' SETBACK
NOTE:
LOCATION OF SEPTIC SYSTEM MUST BE A MIN. 75' DISTANCE FROM ANY EXISTING POTABLE WATER SYSTEM, ONSITE OR OFFSITE.
LOCATION OF POTABLE WATER SYSTEM MUST BE A MIN. 75' DISTANCE FROM ANY EXISTING SEPTIC SYSTEM, ONSITE OR OFFSITE.
35'
30' SETBACK
Double Carport
196'
95'
30' SETBACK
35'
296.33
Thrasher Rd.
SITE PLAN
SCALE: 1" = 30'
COLUMBIA HOMESITES
UNIT 1/LOT# 22
HWY 47

10.00
2.50
12.50

Return To:
Eddie Anderson

THIS INSTRUMENT PREPARED BY
& RETURN TO:
Columbia Bank
173 NW Hillsboro Street
Lake City, FL 32055

Inst:2007011614 Date:05/24/2007 Time:11:32
DC,P.DeWitt Cason,Columbia County B:1120 P:334

NOTICE OF COMMENCEMENT

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

1. Description of Property: Lot 22 Columbia City Homesites Unit 1 according to the Tax Parcel # 15-5S-[redacted] of the Public Records of Columbia County, Florida.

2. General Description of Improvements: Construction of a single family dwelling.

3. Owner Information: Compass Builders and Associates Corp
197 SW Waterford Court Suite 105
Lake City, Fl 32025
Phone: 386-755-2082

Owner's Interest in Property: Fee Simple

4. Contractor: Compass Builders and Associates Corp
197 SW Waterford Court Suite 105
Lake City, Fl 32025
Phone: 386-755-2082

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

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

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

Compass Builders and Associates Corp

Joshua A. Nickelson, President

Jacob C. Kirsch, Vice President

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 21st day of May, 2007 by Joshua A. Nickelson and Jacob C. Kirsch

NOTARY PUBLIC
Name:
State of Florida at Large (SEAL)
Personally Known: /
Produced Identification:
Type:
My Commission Expires:

JANICE ELAINE GONZALEZ
MY COMMISSION # DD 539192
EXPIRES: April 11, 2010
Bonded Thru Notary Public Underwriters

(NOC)

Prepared by & Return to:
Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 07-0079

Inst:2007006319 Date:03/19/2007 Time:12:57
Doc Stamp-Deed : 245.00
DC,P.DeWitt Cason,Columbia County B:1114 P:68

General Warranty Deed

Made this March 16th, 2007 A.D. By **Nathan W. Griffis, a married man**, 144 SW Thrasher Lane, Lake City, FL 32024, hereinafter called the grantor, to **Compass Builders & Associates Corp., a Florida corporation**, whose post office address is: 197 SW Waterford Court, Ste 105, Lake City, FL 32025, hereinafter called the grantee:

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

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

Lots 20 and 22, COLUMBIA CITY HOMESITES, UNIT 1, according to the plat thereof, as recorded in Plat Book 5, Page 106, of the Public Records of Columbia County, Florida.

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

Parcel ID Number: R03626-320 and R03626-322

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, 2006.

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:

Witness Printed Name **Matthew D. Rocco**

Witness Printed Name **Lisa Kraus**

Nathan W. Griffis (Seal)
Nathan W. Griffis
Address: 144 SW Thrasher Lane, Lake City, FL 32024

(Seal)
Address:

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 16th day of March, 2007, by Nathan W. Griffis, who is/are personally known to me or who has produced a FL Drivers License as identification.

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires 09/17/2010

Notary Public
Print Name:

My Commission Expires:

DEED Individual Warranty Deed With Non-Homestead-Legal on Face
Closers' Choice

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: 4/13/2007 **DATE ISSUED:** 4/13/2007

ENHANCED 9-1-1 ADDRESS:

120 SW THRASHER LN

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

15-5S-16-03626-322

Remarks:

ASSIGNED 8912 CHANGED DUE TO ACCESS CHANGE

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.

704

Approved Address

APR 13 2007

911Addressing/GIS Dept

Water Wells
Pumps & Service

Phone: (386) 752-6677
Fax: (386) 752-1477

Lynch Well Drilling, Inc.
173 SW Young Place
Lake City, FL 32025
www.lynchwelldrilling.com

April 12, 2007

Columbia County Building Department
P. O. Box 1529
Lake City, Fl. 32056

To Whom It May Concern:

As required by building code regulations for Columbia County in order that a building permit can be issued, the following well information is provided with regard to the above-referenced well:

Size of Pump Motor:	1 Horse Power
Size of Pressure Tank:	81-Gallon Bladder Tank
Cycle Stop Valve Used:	No

Should you require any additional information, please contact us.

Sincerely,

Linda Newcomb

Linda Newcomb
Lynch Well Drilling, Inc.

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**The Thomas**	Builder:	**Compass Builders**
Address:	**Lot: 22, Sub: Col. Home sites, Plat:**	Permitting Office:	Columbia
City, State:	**Lake City, FL**	Permit Number:	
Owner:	**Compass Builders**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1. New construction or existing	New		
2. Single family or multi-family	Single family		
3. Number of units, if multi-family	1		
4. Number of Bedrooms	3		
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	1196 ft²		
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 120.5 ft²		
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 120.5 ft²		
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 232.0(p) ft		
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1972.0 ft²		
b. Frame, Wood, Adjacent	R=13.0, 120.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1196.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 92.0 ft		
b. N/A			
12. Cooling systems			
a. Central Unit	Cap: 24.0 kBtu/hr		
	SEER: 13.00		
b. N/A			
c. N/A			
13. Heating systems			
a. Electric Heat Pump	Cap: 24.0 kBtu/hr		
	HSPF: 7.20		
b. N/A			
c. N/A			
14. Hot water systems			
a. Electric Resistance	Cap: 50.0 gallons		
	EF: 0.92		
b. N/A			
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)			
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	CF,		

Glass/Floor Area: 0.19

Total as-built points: 22662

Total base points: 23369

PASS

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

PREPARED BY: _____

DATE: 4-4-07

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.

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 22, Sub: Col. Home sites, Plat: , Lake City, FL,** 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	1196.0	20.04	4314.2	Double, Clear	NW	1.5	6.0	60.0	25.97	0.93	1442.2
				Double, Clear	SW	1.5	6.0	50.0	40.16	0.89	1777.2
				Double, Clear	SW	1.5	6.0	15.0	40.16	0.89	533.2
				Double, Clear	SE	1.5	6.0	15.0	42.75	0.88	566.5
				Double, Clear	SE	1.5	6.0	20.0	42.75	0.88	755.3
				Double, Clear	NE	1.5	6.0	60.0	29.56	0.92	1632.5
				Double, Clear	NE	1.5	4.5	10.5	29.56	0.86	267.9
				As-Built Total:				**230.5**			**6974.7**
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Adjacent	120.0	0.70	84.0	Frame, Wood, Exterior			13.0	1972.0	1.50		2958.0
Exterior	1972.0	1.70	3352.4	Frame, Wood, Adjacent			13.0	120.0	0.60		72.0
Base Total:	**2092.0**		**3436.4**	**As-Built Total:**				**2092.0**			**3030.0**
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points
Adjacent	18.0	2.40	43.2	Adjacent Wood				18.0	2.40		43.2
Exterior	60.0	6.10	366.0	Exterior Wood				60.0	6.10		366.0
Base Total:	**78.0**		**409.2**	**As-Built Total:**				**78.0**			**409.2**
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points
Under Attic	1196.0	1.73	2069.1	Under Attic			30.0	1196.0	1.73 X 1.00		2069.1
Base Total:	**1196.0**		**2069.1**	**As-Built Total:**				**1196.0**			**2069.1**
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points
Slab	232.0(p)	-37.0	-8584.0	Slab-On-Grade Edge Insulation			0.0	232.0(p	-41.20		-9558.4
Raised	0.0	0.00	0.0								
Base Total:			**-8584.0**	**As-Built Total:**				**232.0**			**-9558.4**
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points
	1196.0	10.21	12211.2					1196.0	10.21		12211.2

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 22, Sub: Col. Home sites, Plat: , Lake City, FL,** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 13856.1			**Summer As-Built Points:**					**15135.8**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 24000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
			15136	1.00	(1.09 x 1.147 x 0.91)	0.263	0.950	4294.9
13856.1	**0.4266**	**5911.0**	**15135.8**	**1.00**	**1.138**	**0.263**	**0.950**	**4294.9**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 22, Sub: Col. Home sites, Plat: , Lake City, FL,** 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	1196.0	12.74	2742.7	Double, Clear	NW	1.5	6.0	60.0	24.30	1.00	1462.4
				Double, Clear	SW	1.5	6.0	50.0	16.74	1.06	887.3
				Double, Clear	SW	1.5	6.0	15.0	16.74	1.06	266.2
				Double, Clear	SE	1.5	6.0	15.0	14.71	1.10	241.8
				Double, Clear	SE	1.5	6.0	20.0	14.71	1.10	322.4
				Double, Clear	NE	1.5	6.0	60.0	23.57	1.01	1423.1
				Double, Clear	NE	1.5	4.5	10.5	23.57	1.01	250.6
				As-Built Total:				**230.5**			**4853.9**
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Adjacent	120.0	3.60	432.0	Frame, Wood, Exterior			13.0	1972.0	3.40		6704.8
Exterior	1972.0	3.70	7296.4	Frame, Wood, Adjacent			13.0	120.0	3.30		396.0
Base Total:	**2092.0**		**7728.4**	**As-Built Total:**				**2092.0**			**7100.8**
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM	=	Points
Adjacent	18.0	11.50	207.0	Adjacent Wood				18.0	11.50		207.0
Exterior	60.0	12.30	738.0	Exterior Wood				60.0	12.30		738.0
Base Total:	**78.0**		**945.0**	**As-Built Total:**				**78.0**			**945.0**
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points
Under Attic	1196.0	2.05	2451.8	Under Attic			30.0	1196.0	2.05 X	1.00	2451.8
Base Total:	**1196.0**		**2451.8**	**As-Built Total:**				**1196.0**			**2451.8**
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM	=	Points
Slab	232.0(p)	8.9	2064.8	Slab-On-Grade Edge Insulation			0.0	232.0(p	18.80		4361.6
Raised	0.0	0.00	0.0								
Base Total:			**2064.8**	**As-Built Total:**				**232.0**			**4361.6**
INFILTRATION	Area X	BWPM =	Points					Area X	WPM	=	Points
	1196.0	-0.59	-705.6					1196.0	-0.59		-705.6

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 22, Sub: Col. Home sites, Plat: , Lake City, FL,** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**15227.0**	**Winter As-Built Points:**					**19007.4**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 24000 btuh ,EFF(7.2) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
15227.0	0.6274	9553.4	19007.4	1.00	1.162	0.474	1.000	10462.1

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 22, Sub: Col. Home sites, Plat: , Lake City, FL,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3	2635.00	7905.0		50.0	0.92	3	1.00	2635.00	1.00	7905.0	
				As-Built Total:							**7905.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
5911	**9553**	**7905**	**23369**	**4295**	**10462**	**7905**	**22662**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 22, Sub: Col. Home sites, Plat: , Lake City, FL,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 83.2

The higher the score, the more efficient the home.

Compass Builders, Lot: 22, Sub: Col. Home sites, Plat: , Lake City, FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 24.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	1196 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 120.5 ft²			a. Electric Heat Pump	Cap: 24.0 kBtu/hr
	b. SHGC:					HSPF: 7.20
	(or Clear or Tint DEFAULT)	7b. (Clear) 120.5 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 232.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 50.0 gallons
	a. Frame, Wood, Exterior	R=13.0, 1972.0 ft²				EF: 0.92
	b. Frame, Wood, Adjacent	R=13.0, 120.0 ft²			b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 1196.0 ft²		15.	HVAC credits	CF,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 92.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

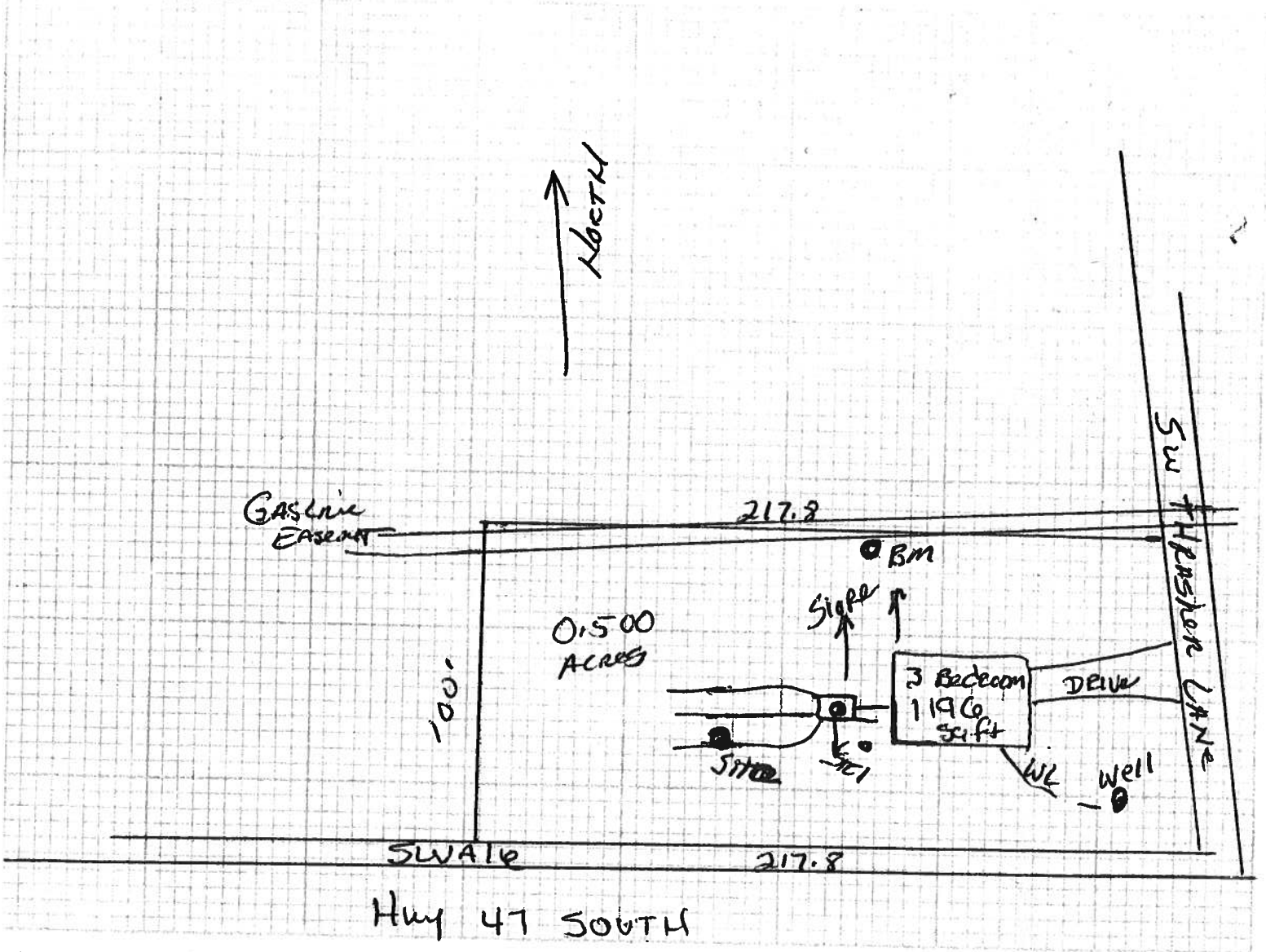
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0468-N

PART II - SITE PLAN

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



Notes:

Lot 22 Columbia City Homesites

Compass Builders

15-55-16-03626-322

Site Plan submitted by: Robert W Ford
Signature

Agent
Title

Plan Approved ✓

Not Approved _____

Date 6/7/07

By _____ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

25771

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

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

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

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

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 321 N.W. Cole Terrace, Suite 107 City Lake City State FL Zip 32055
Company Business License No. JB103978 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Compass Builders Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Compass Builders
120 SW Thomas Terr
Type of Construction (More than one box may be checked) ☑ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside Inside Type of Fill

Section 4: Treatment Information

Date(s) of Treatment(s) 6-27-07
Brand Name of Product(s) Used Bora-Care
EPA Registration No. 64405-1
Approximate Final Mix Solution % .23
Approximate Size of Treatment Area: Sq. ft. 1661 Linear ft. Linear ft. of Masonry Voids
Approximate Total Gallons of Solution Applied 3 ½
Was treatment completed on exterior? ☑ Yes ☐ No
Service Agreement Available? ☑ Yes ☐ No
Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments Treated all walls
Name of Applicator(s) Steve Brannon Certification No. (if required by State law)

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

Authorized Signature Steve Brannon Date 6.27.07

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

JHN. WEEGIE

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001408

DATE: 07/02/2007 BUILDING PERMIT NO. 25971

APPLICANT JACOB KIRSCH PHONE 386.755.2082

ADDRESS 147 SW WATERFORD CT, #106 LAKE CITY FL 32025

OWNER COMPASS BUILDERS PHONE 755.2082

ADDRESS 120 SW THRASHER LANE LAKE CITY FL 32024

CONTRACTOR JACOB KIRSCH PHONE 386.755.2082

LOCATION OF PROPERTY 47-S PAST COLUMBIA CITY/C-240 GO 1/4 MILE JUST PAST THRASHER LANE

ON THE R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT COLUMBIA CITY HOMES 22 1

PARCEL ID # 15-5S-16-03626-322

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

SIGNATURE: Jacob Kirsch

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

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

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: Waiver is For Thrasher Lane NOT 47 Called her T 47 is a State Rd. With Requires STATE Permit Message about 47 Being a State Rd

SIGNED: Ben Phillips DATE: 7/2007

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

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

RECEIVED
JUL 05 2007

COLUMBIA COUNTY FLORIDA

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:1T6S215-Z0124101924

Truss Fabricator:	W.B. Howland
Job Identification:	4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL
Truss Count:	38
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.25.
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: 04/24/2007

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

Notes:

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

Details: A11015EE-GBLLETIN-BRCLBSUB-VALTRUSS-

#	Ref Description	Drawing#	Date
1	62180--1	07114009	04/24/07
2	62181--A1	07114002	04/24/07
3	62182--A2	07114001	04/24/07
4	62183--A3	07114019	04/24/07
5	62184--A4	07114029	04/24/07
6	62185--A5	07114021	04/24/07
7	62186--A6	07114022	04/24/07
8	62187--A7	07114023	04/24/07
9	62188--A8	07114024	04/24/07
10	62189--A9	07114008	04/24/07
11	62190--A10	07114003	04/24/07
12	62191--A11	07114014	04/24/07
13	62192--A12	07114004	04/24/07
14	62193--A13	07114002	04/24/07
15	62194--A14	07114001	04/24/07
16	62195--A15	07114003	04/24/07
17	62196--A16	07114004	04/24/07
18	62197--A17	07114007	04/24/07
19	62198--A18	07114006	04/24/07
20	62199--A19	07114020	04/24/07
21	62200--A20	07114025	04/24/07
22	62201--A21	07114026	04/24/07
23	62202--JC1	07114033	04/24/07
24	62203--JC3	07114032	04/24/07
25	62204--JC5	07114031	04/24/07
26	62205--JC1A	07114018	04/24/07
27	62206--JC3A	07114012	04/24/07
28	62207--JC5A	07114011	04/24/07
29	62208--JC3B	07114017	04/24/07
30	62209--JC5B	07114016	04/24/07
31	62210--JE7	07114034	04/24/07
32	62211--JE7A	07114013	04/24/07
33	62212--JE7B	07114005	04/24/07
34	62213--JH10	07114030	04/24/07
35	62214--JH10A	07114010	04/24/07
36	62215--JH10B	07114015	04/24/07

#	Ref Description	Drawing#	Date
37	62216--V1	07114027	04/24/07
38	62217--V2	07114028	04/24/07

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
 Document ID:1T6S215-Z0124101924

Truss Fabricator:	W.B. Howland
Job Identification:	4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL (, **)
Truss Count:	2
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.25.
Structural Engineer of Record:	
Address:	
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration Floor - N/A Wind - 110 MPH ASCE 7-02 -Closed

Notes:

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

Seal Date: 04/24/2007

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

Revised Trusses

#	Ref	Description	Drawing#	Date
1	62186--A6		07114022	04/24/07
2	62199--A19		07114020	04/24/07

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

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

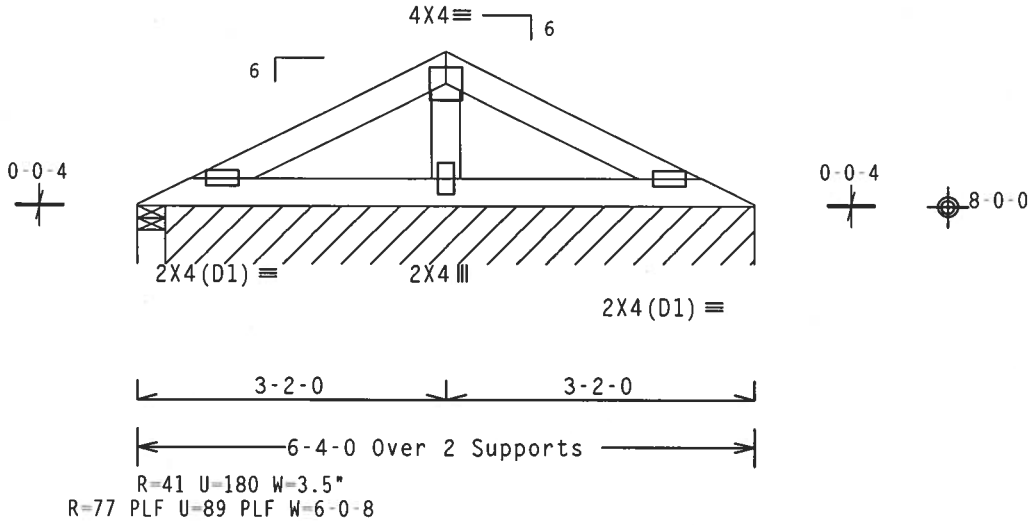
Plates sized for a minimum of 3.00 sq.in./piece.

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

Gable end supports 8" max rake overhang.

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

The overall height of this truss excluding overhang is 1-7-4.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/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.

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 (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24,07

TC LL	20.0 PSF	REF	R215-- 62180
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114009
BC LL	0.0 PSF		HC-ENG DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88633
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A1)

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

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

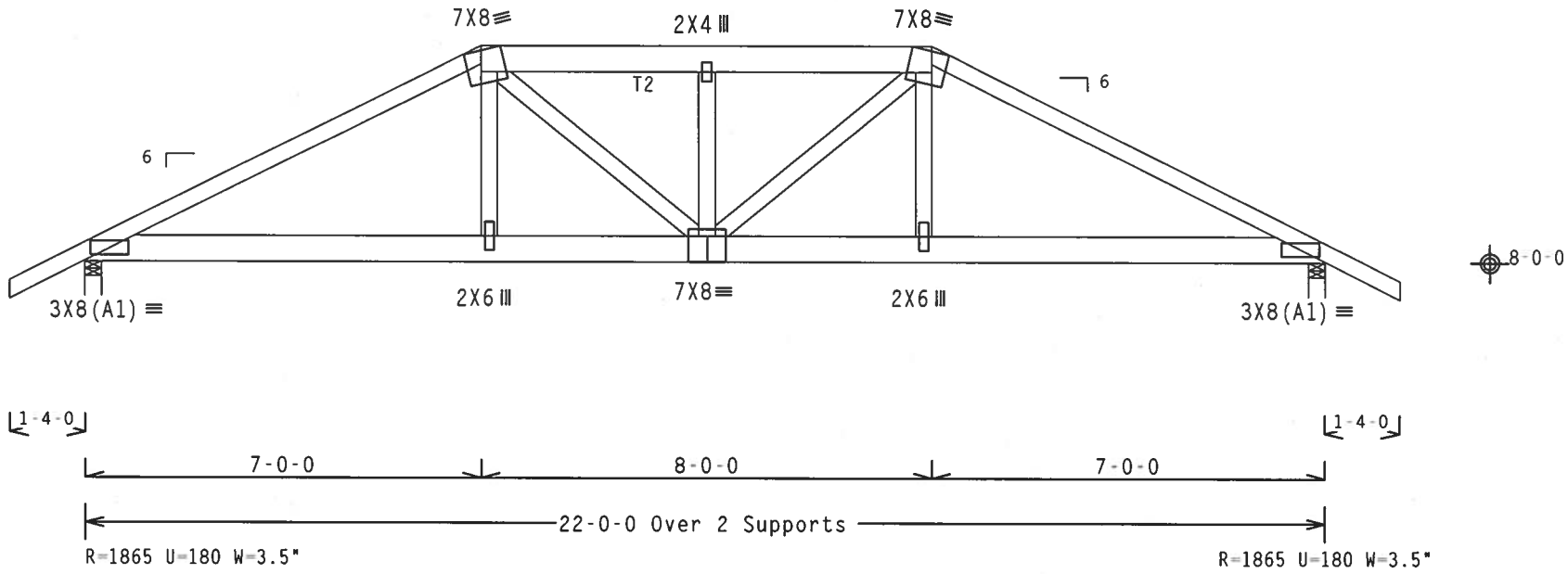
Plates sized for a minimum of 3.00 sq.in./piece.

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

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

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 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.25.0503.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.3125"/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.

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.

JAMES F. COLLINS JR. LICENSED No. 52412 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24

TC LL	20.0 PSF	REF	R215-- 62181
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114002
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	90864
DUR.FAC.	1.25	FROM	LRB
SPACING	SEE ABOVE	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A2)

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

Wind reactions based on MWFRS pressures.

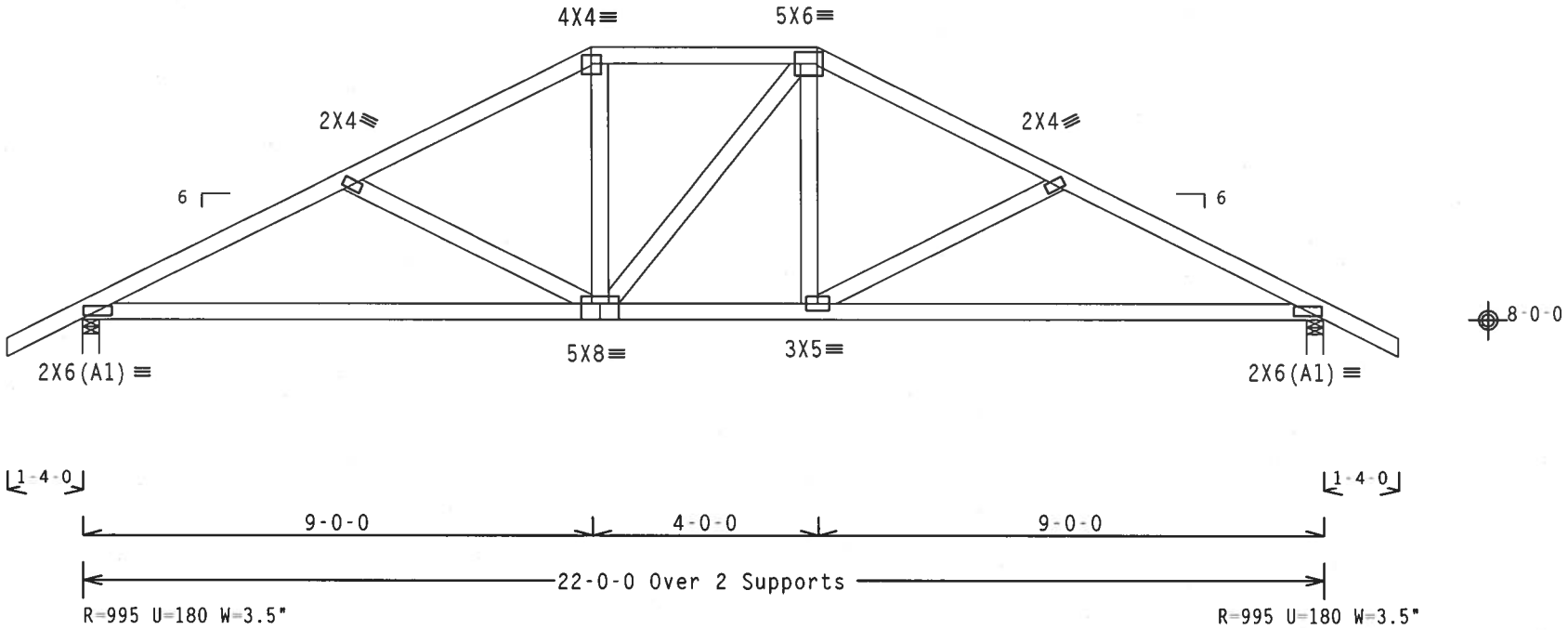
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-10-3.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

ALPINE

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

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

Apr

TC LL	20.0 PSF	REF	R215-- 62182
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114001
BC LL	0.0 PSF	HC-ENG	WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	90870
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A3)

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

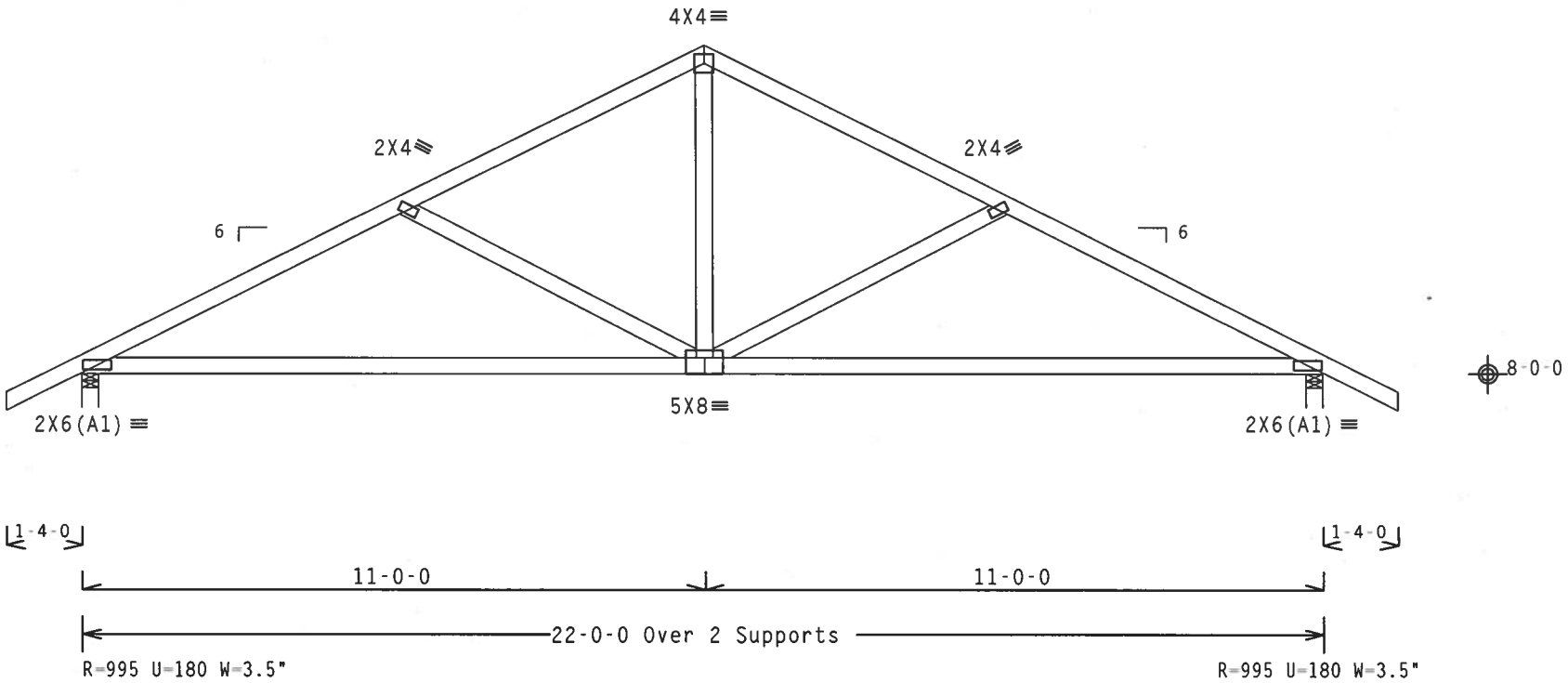
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

The overall height of this truss excluding overhang is 5-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62183
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114019
BC LL	0.0 PSF		HC-ENG DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88405
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A4)

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

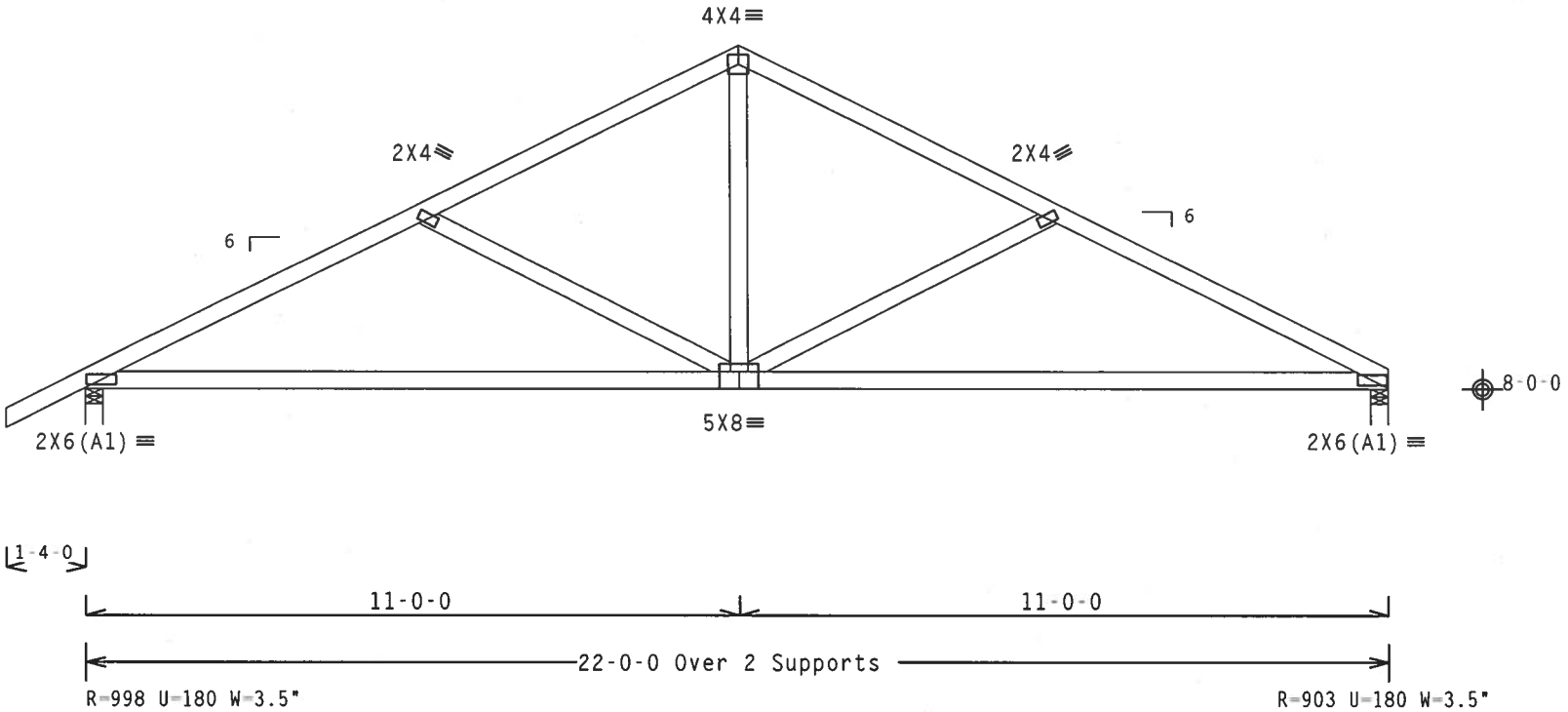
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

The overall height of this truss excluding overhang is 5-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62184
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114029
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88403
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A5)

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

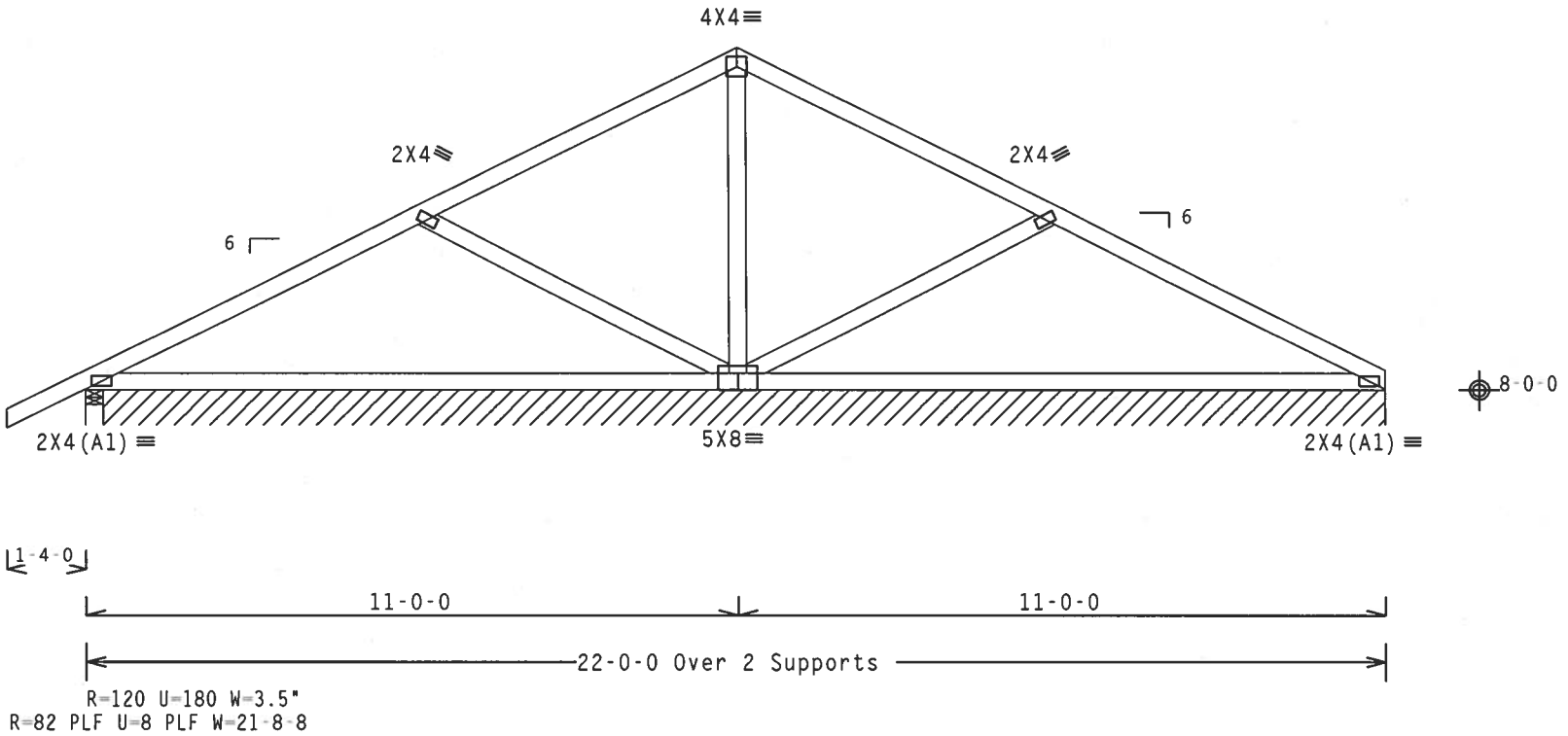
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

The overall height of this truss excluding overhang is 5-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

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

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

Apr

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

REF	R215-- 62185
DATE	04/24/07
DRW	HCUSR215 07114021
HC-ENG	DAB/AP
SEQN-	88393
FROM	LRB
JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A6)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 Dense :B1 2x4 SP #2 N:
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 5-10-3.

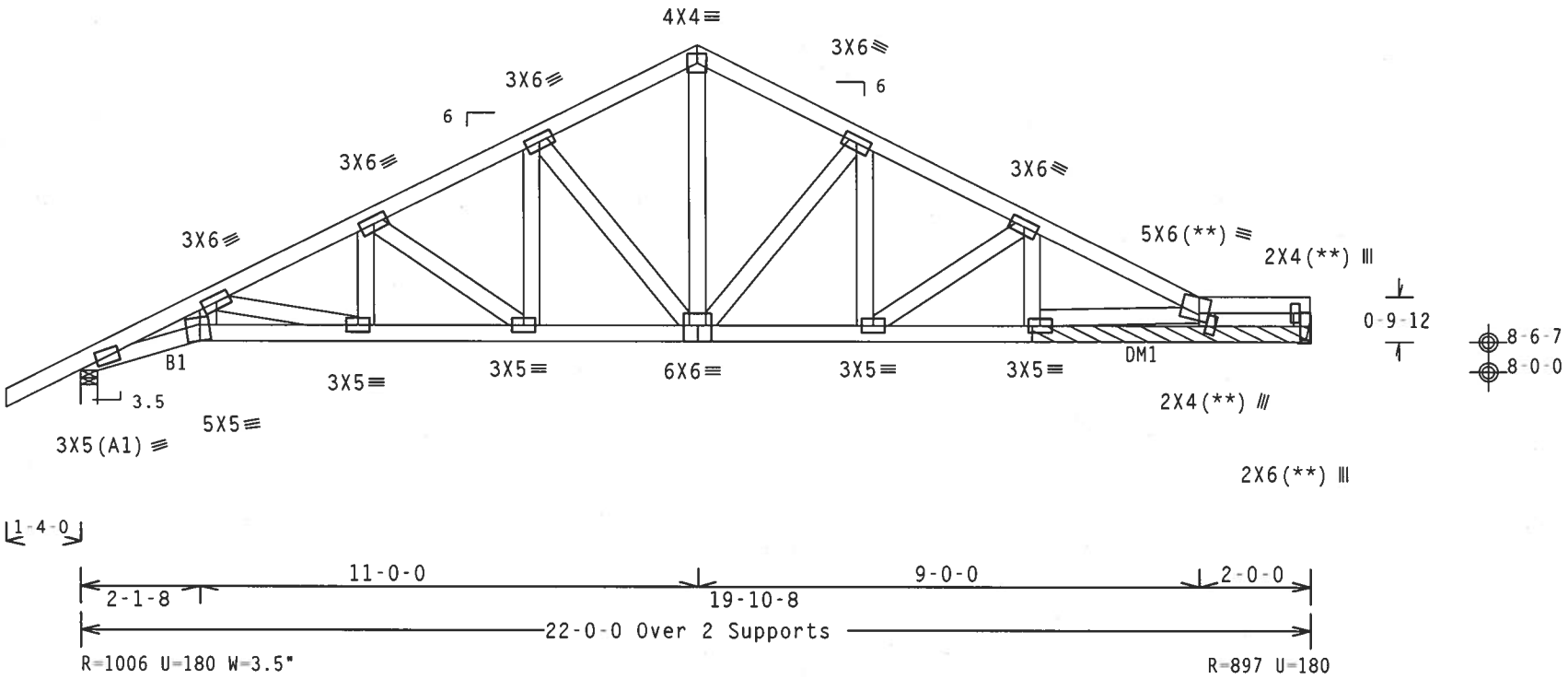
(**) plate(s) have been repositioned by the truss designer. Special positioning required.

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

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

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

DM1 (1) 2x4X5-0-0 SP #2 Dense Bottom chord scab centered 19-6-0 from left end. Attach to one face of chord with (2) rows of 0.131"x3"_Gun_nails @ 6" O.C., staggered 3".



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52210 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr

TC LL	20.0 PSF	REF	R215-- 62186
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114022
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88627 REV
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A7)

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

Wind reactions based on MWFRS pressures.

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

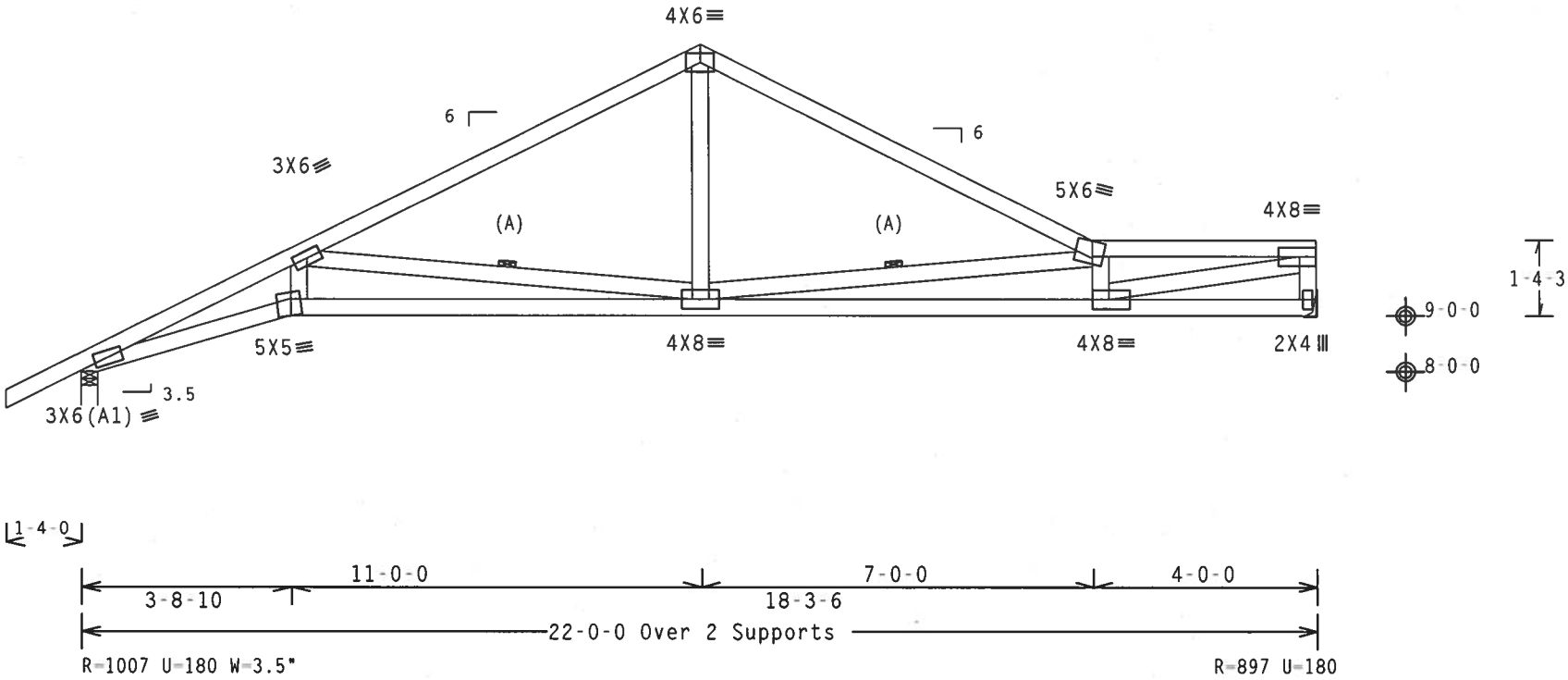
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

The overall height of this truss excluding overhang is 5-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No.62212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Apr 24,07

TC LL	20.0 PSF	REF	R215-- 62187
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114023
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88488
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A8)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

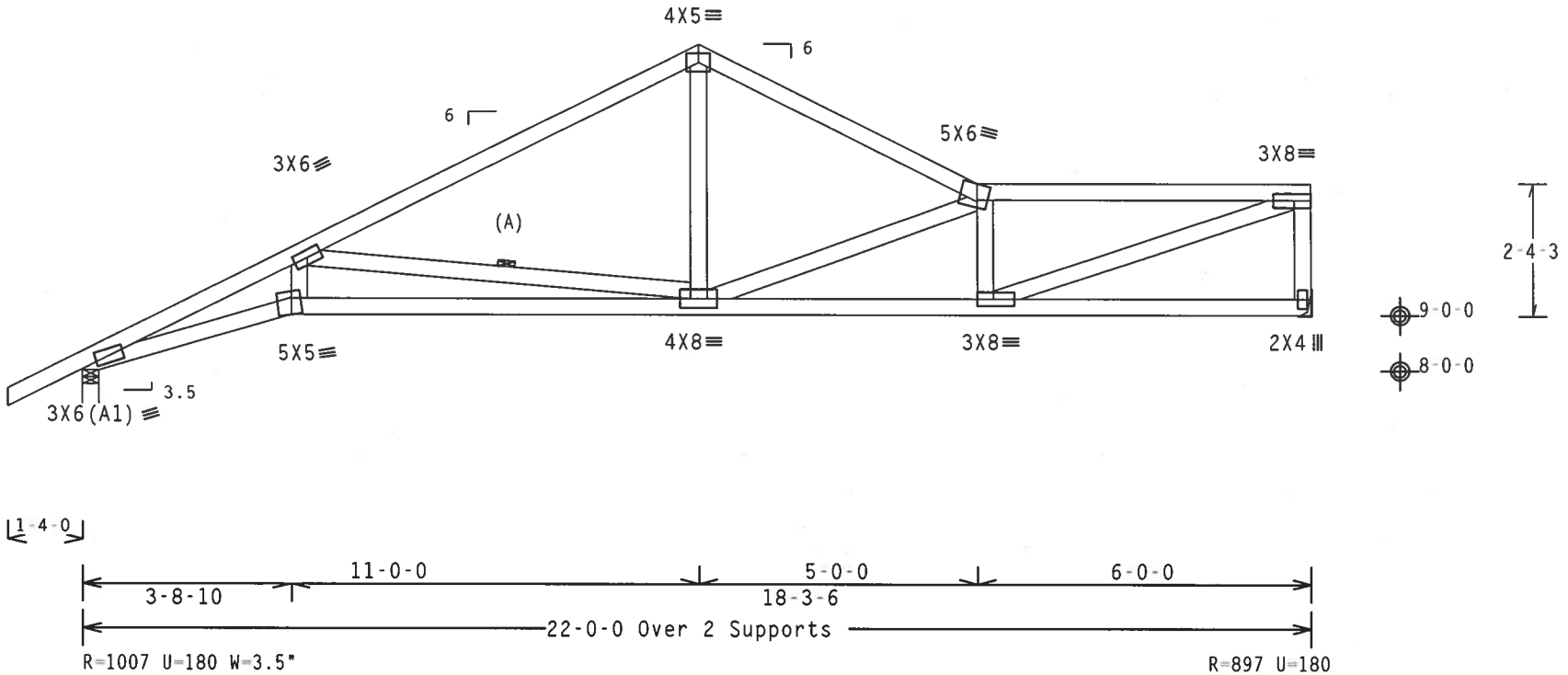
The overall height of this truss excluding overhang is 5-10-3.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.08 QTY:1 FL/-/5/-/-/R/- Scale =.3125"/Ft.

ALPINE

ITW Building Components Group, Inc.
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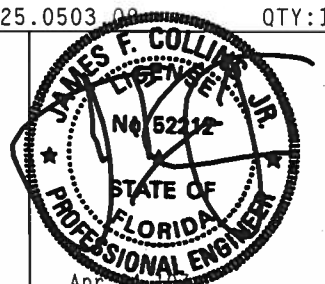


Apr

TC LL	20.0 PSF	REF	R215-- 62188
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114024
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88495
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B3 2x4 SP SS:
Webs 2x4 SP #2 N :W4 2x4 SP SS:
:Rt Slider 2x4 SP #2 N: BLOCK LENGTH = 3.097'

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

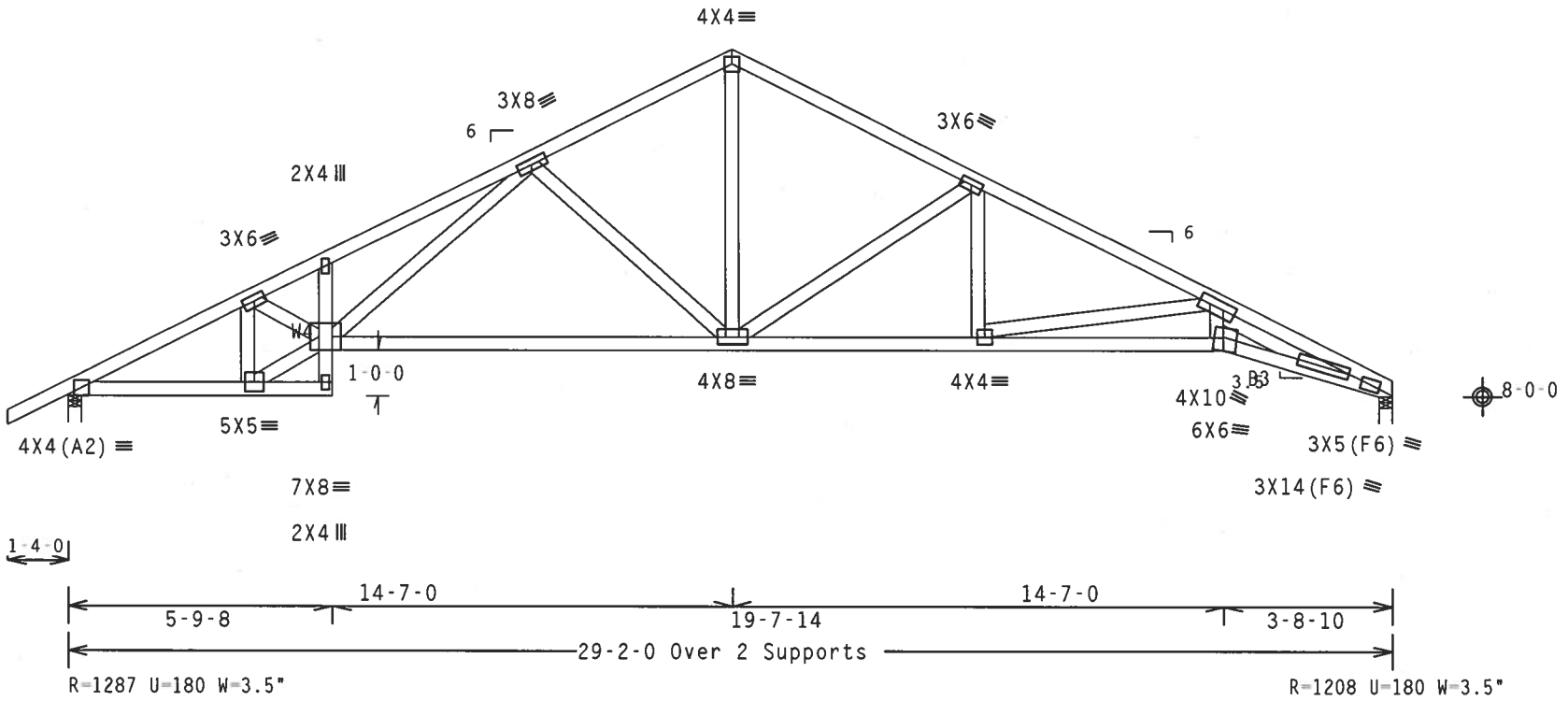
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 7-7-11.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.25"/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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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62189
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114008
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88555
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A10)

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

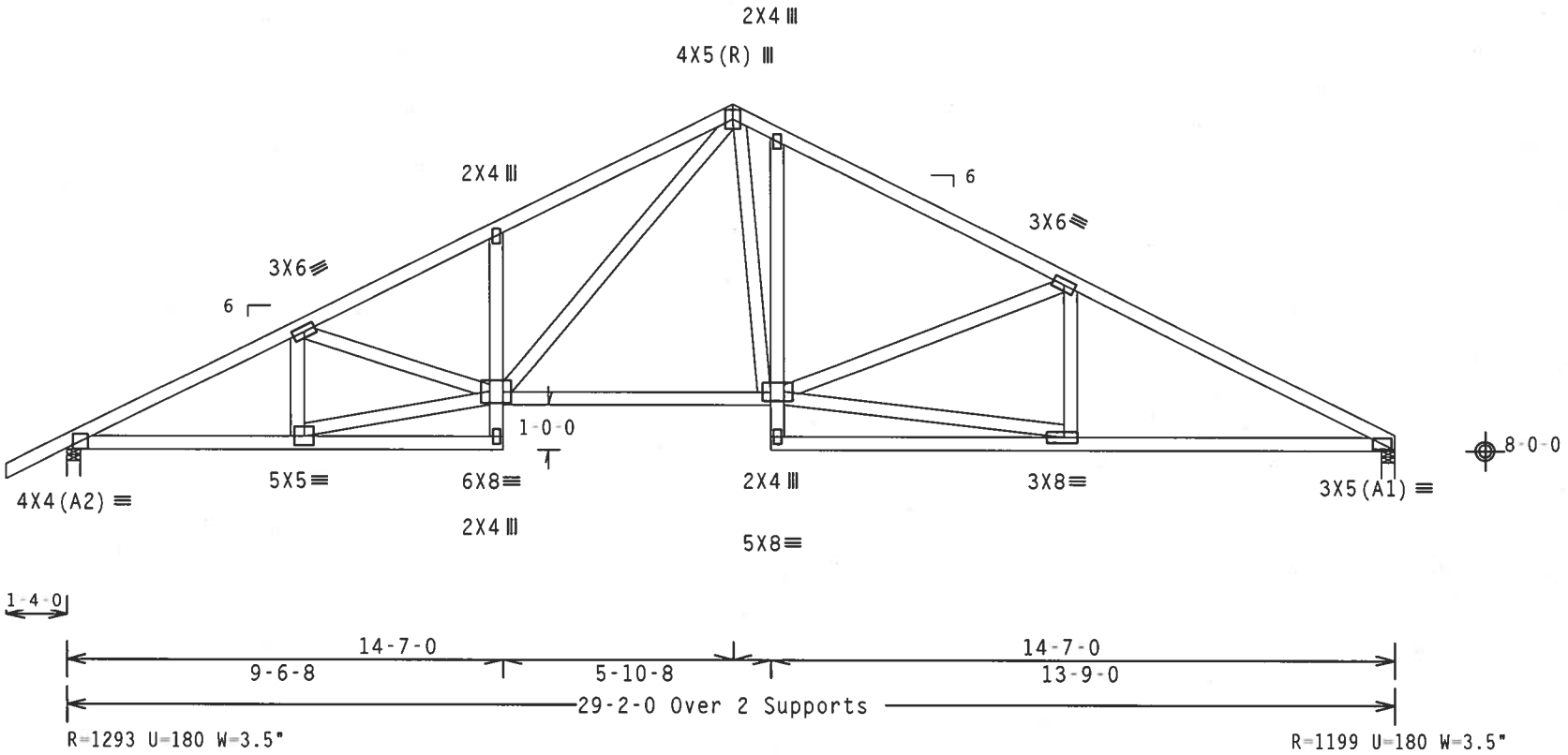
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

The overall height of this truss excluding overhang is 7-7-11.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 22212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Apr 24, 07

TC LL	20.0 PSF	REF	R215-- 62190
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114003
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88410
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A11)

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

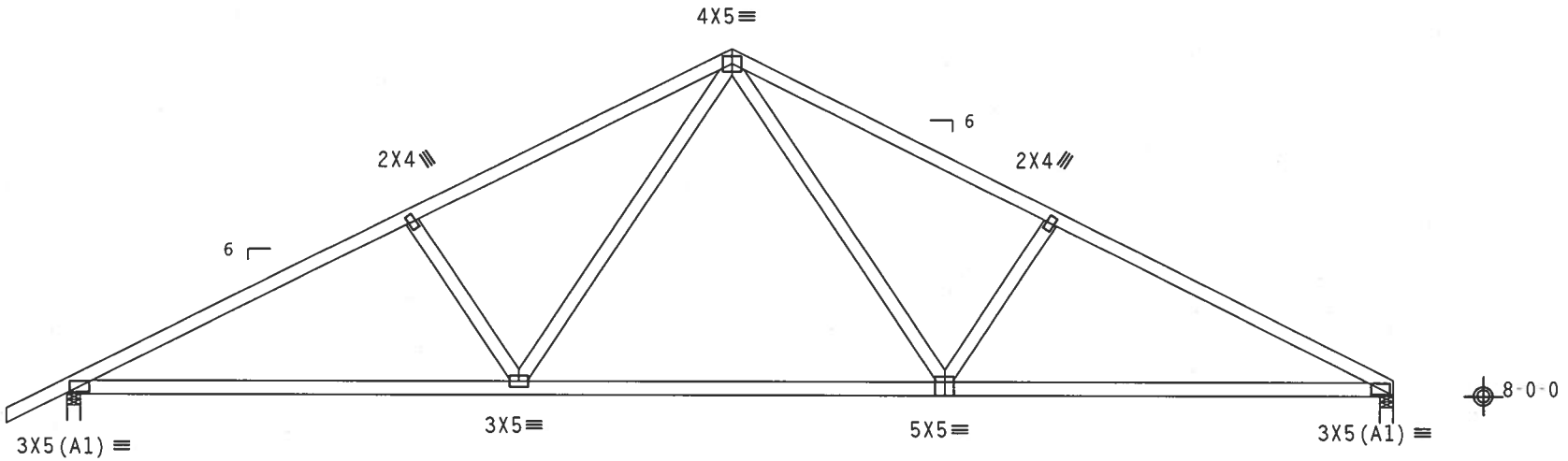
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

The overall height of this truss excluding overhang is 7-7-11.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.08 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62191
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114014
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88414
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A12)

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

Wind reactions based on MWFRS pressures.

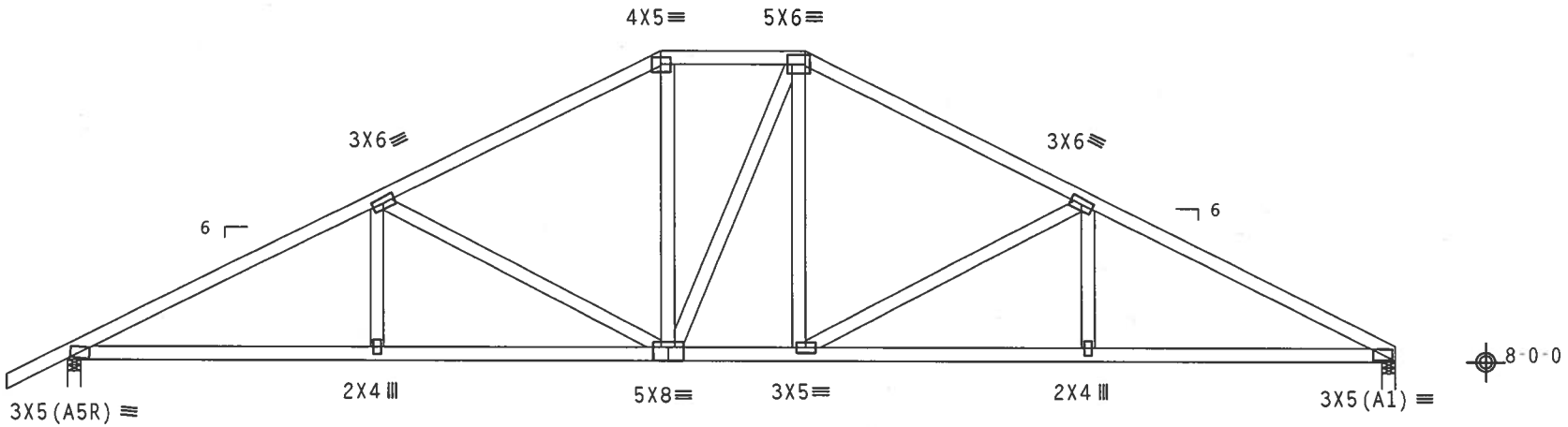
Deflection meets L/240 live and L/180 total load.

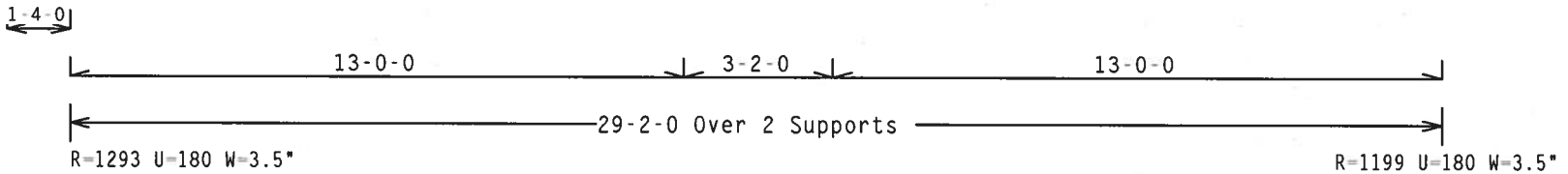
The overall height of this truss excluding overhang is 6-10-3.

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.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 62212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 '07

TC LL	20.0 PSF	REF	R215-- 62192
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114004
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88412
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

Wind reactions based on MWFRS pressures.

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

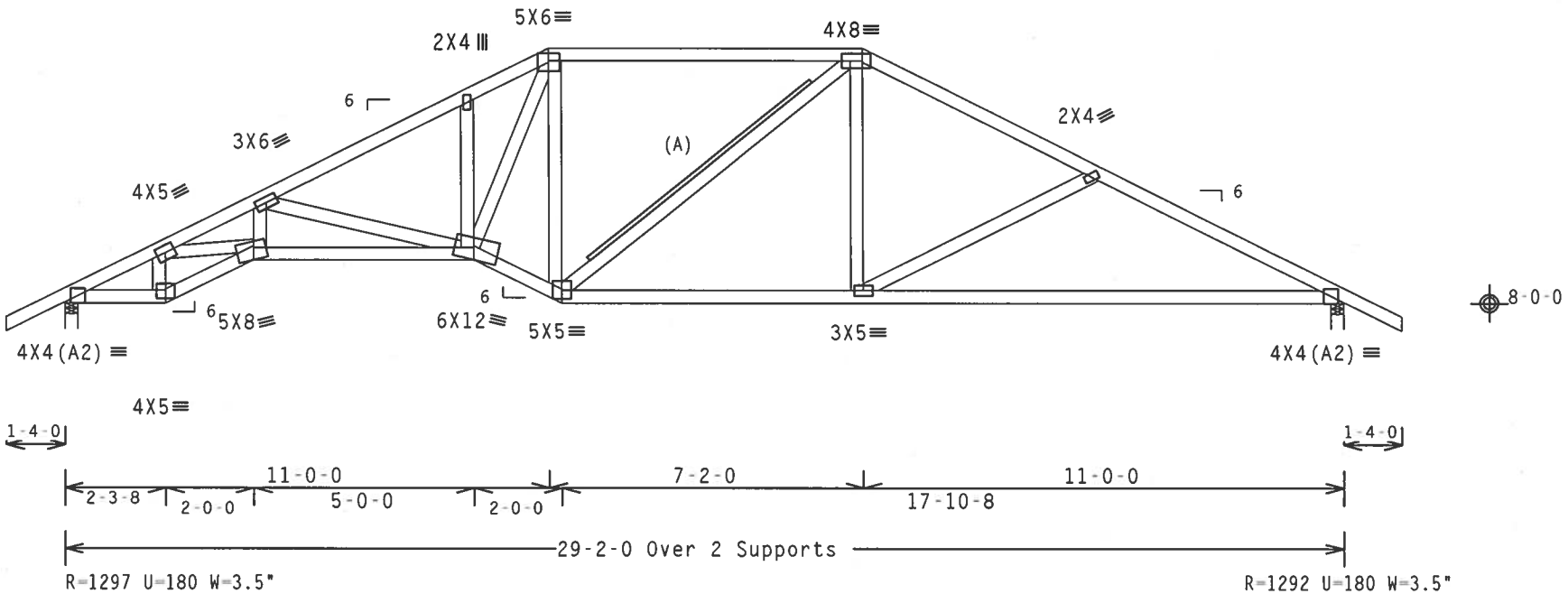
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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) 1x4 SP #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

The overall height of this truss excluding overhang is 5-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24,07

TC LL	20.0 PSF	REF	R215-- 62193
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114002
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88562
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A14)

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

Wind reactions based on MWFRS pressures.

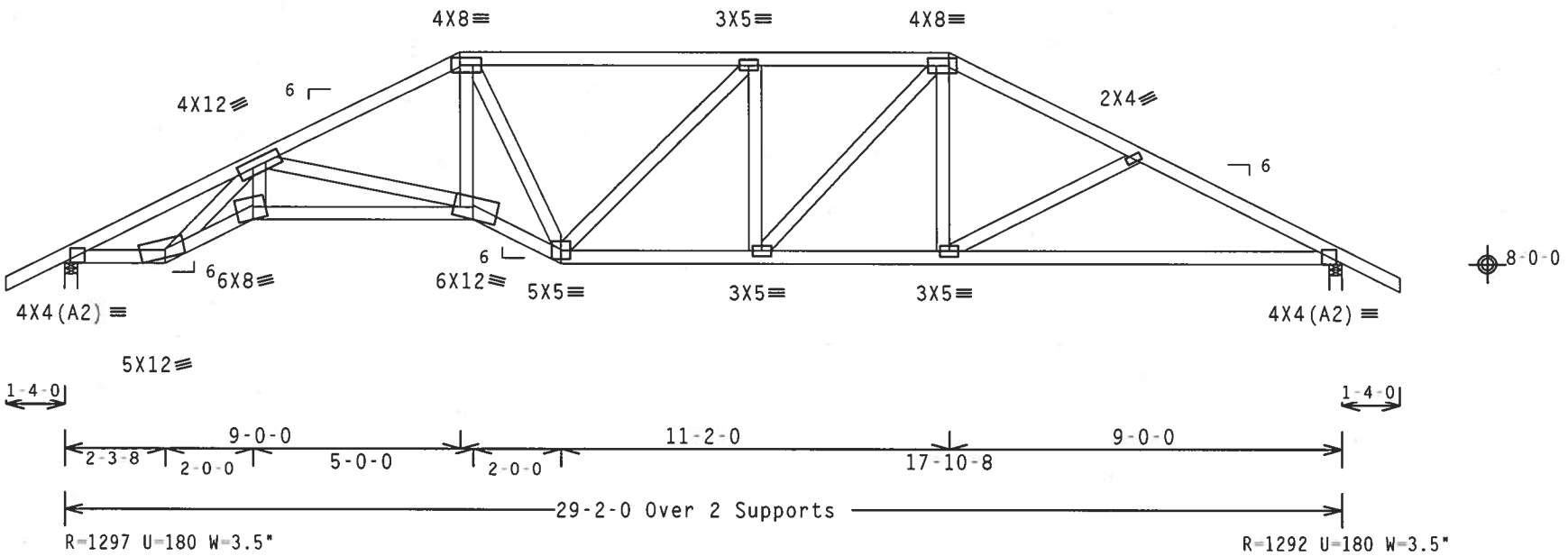
Deflection meets L/240 live and L/180 total load.

The overall height of this truss excluding overhang is 4-10-3.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62194
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114001
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88417
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A15)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2 N: :T3 2x4 SP #2 N:
Bot chord 2x6 SP #2 N
Webs 2x4 SP #2 N

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

Wind reactions based on MWFRS pressures.

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

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 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.

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

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

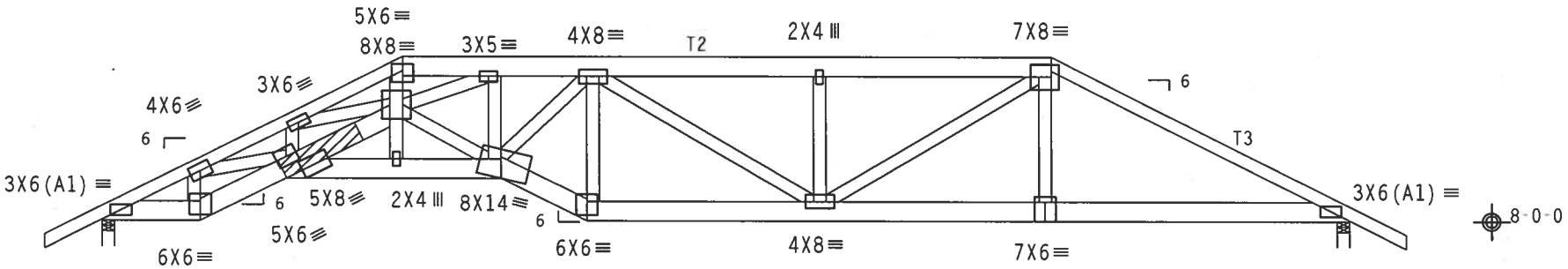
2 COMPLETE TRUSSES REQUIRED

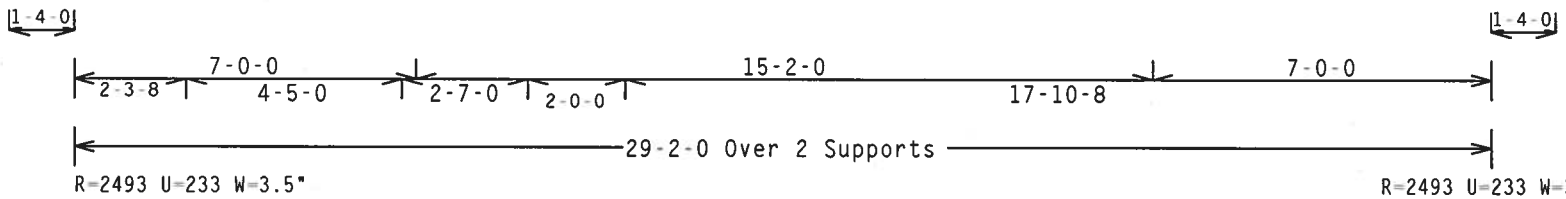
Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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

(1) 2x6X2-0-0 SP #2 N Bottom chord scab centered 5-2-5 from left end. Attach to one face of chord with (3) rows of 0.131"x3"_Gun_nails @ 6" O.C., staggered 3".





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS JR LICENSE No 52217 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62195
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114003
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	88812
DUR.FAC.	1.25	FROM	LRB
SPACING	SEE ABOVE	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A16)

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B1 2x4 SP SS:
Webs 2x4 SP #2 N
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 3.097'

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

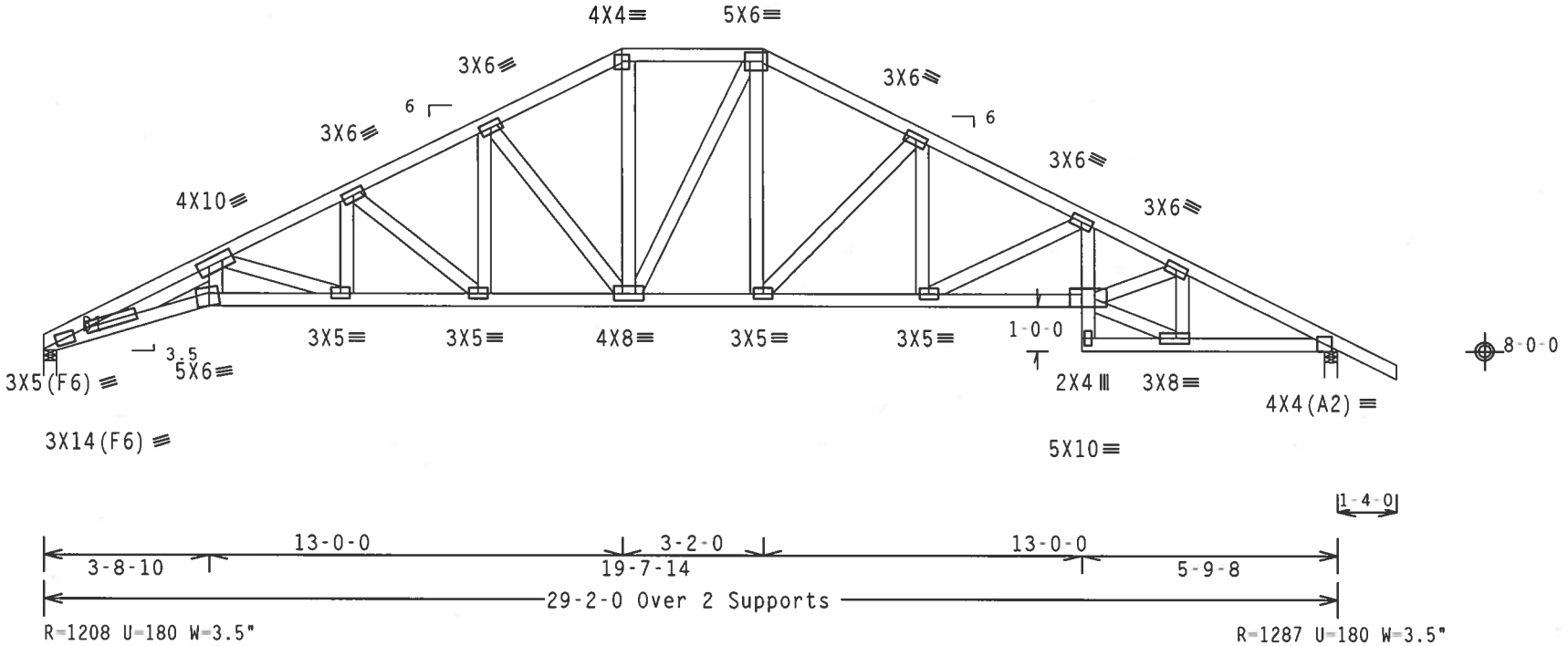
Plates sized for a minimum of 3.00 sq.in./piece.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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

Wind reactions based on MWFRS pressures.

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

The overall height of this truss excluding overhang is 6-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503 20 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62196
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114004
BC LL	0.0 PSF		HC-ENG WHK/WHK
TOT.LD.	40.0 PSF	SEQN-	90878
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 Dense :B1 2x4 SP SS: :B4 2x4 SP #2 N:
Webs 2x4 SP #2 N :W7 2x4 SP SS:
:Lt Slider 2x4 SP #2 N: BLOCK LENGTH = 3.097'

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

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

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

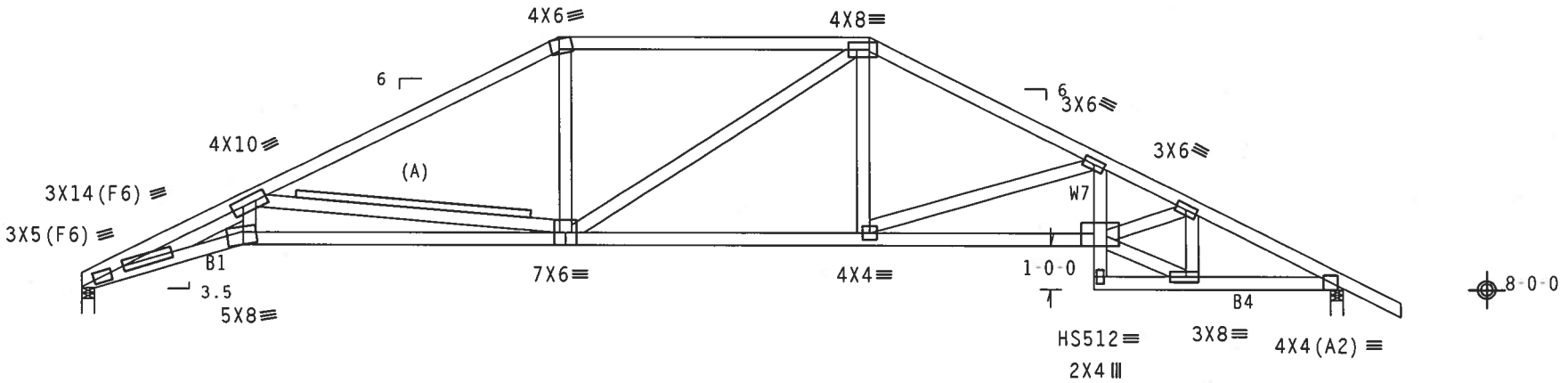
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

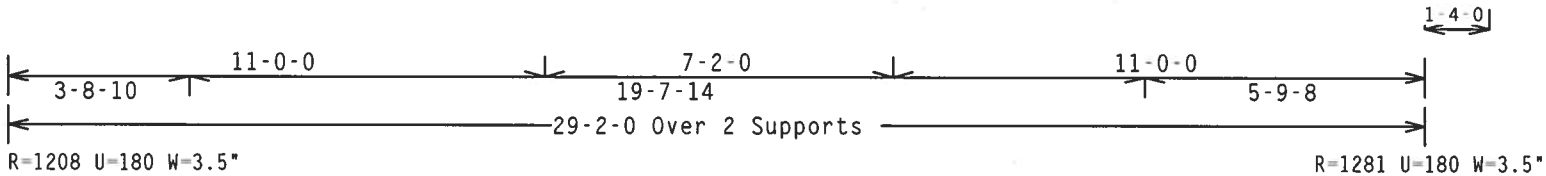
Wind reactions based on MWFRS pressures.

(A) 2x6 SP #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.

The overall height of this truss excluding overhang is 5-10-3.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.20 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 '07

TC LL	20.0 PSF	REF	R215-- 62197
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114007
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88607
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A18)

Top chord 2x4 SP #2 N :T4 2x4 SP SS:
Bot chord 2x4 SP #2 Dense :B2, B3 2x4 SP #2 N:
Webs 2x4 SP #2 N

Wind reactions based on MWFRS pressures.

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

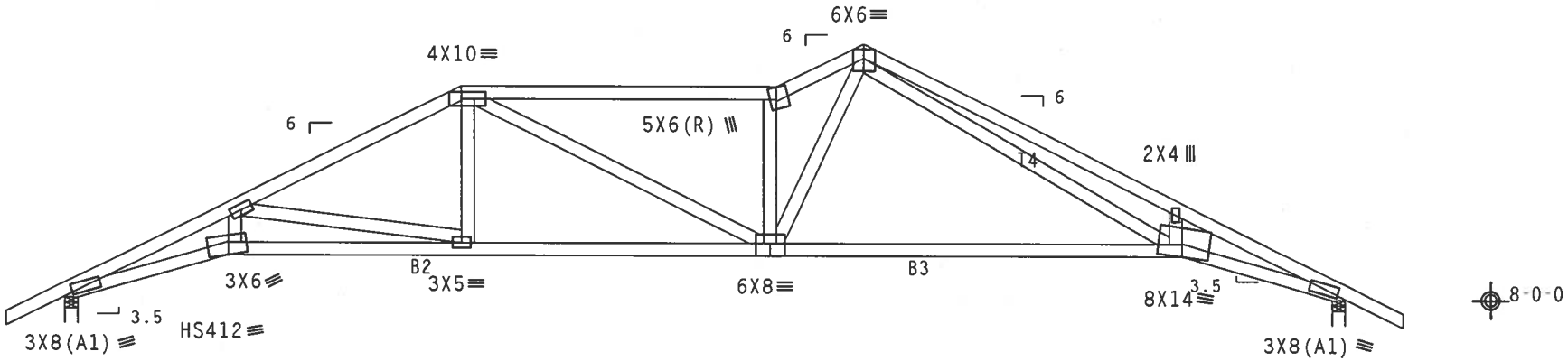
Plates sized for a minimum of 3.00 sq.in./piece.

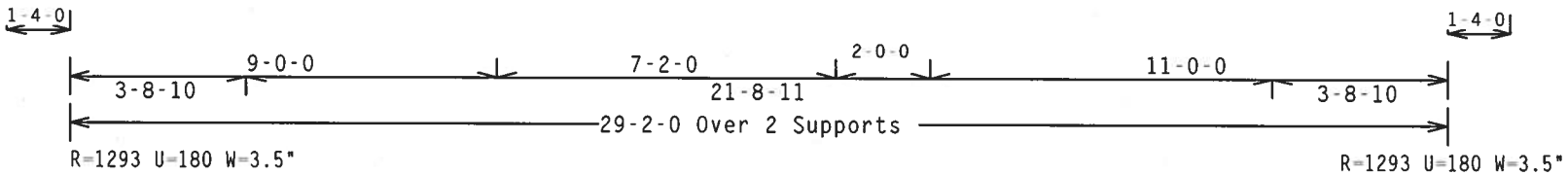
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.21" due to live load and 0.21" due to dead load.

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

The overall height of this truss excluding overhang is 5-10-3.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.25"/Ft.

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ALPINE

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

JAMES P. COLLINS JR. LICENSE No. 52215 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 '07

TC LL	20.0 PSF	REF	R215-- 62198
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114006
BC LL	0.0 PSF		HC-ENG DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88435
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - A19)

Top chord 2x4 SP #2 N :T2 2x6 SP #2 N:
Bot chord 2x6 SP #2 N :B1 2x8 SP SS:
Webs 2x4 SP #2 N

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

TC - From	62 PLF at	-1.33 to	62 PLF at	7.00
TC - From	62 PLF at	7.00 to	62 PLF at	14.17
TC - From	62 PLF at	14.17 to	62 PLF at	18.17
TC - From	62 PLF at	18.17 to	62 PLF at	30.50
BC - From	4 PLF at	-1.33 to	4 PLF at	0.00
BC - From	21 PLF at	0.00 to	21 PLF at	3.72
BC - From	20 PLF at	3.72 to	20 PLF at	25.45
BC - From	21 PLF at	25.45 to	21 PLF at	29.17
BC - From	4 PLF at	29.17 to	4 PLF at	30.50

PLT- 78 LB Conc. Load at (7.06,11.81)
BC - 1721 LB Conc. Load at 7.00
PLB- 920 LB Conc. Load at (7.00,9.04)

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

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

The overall height of this truss excluding overhang is 5-10-3.

2 COMPLETE TRUSSES REQUIRED

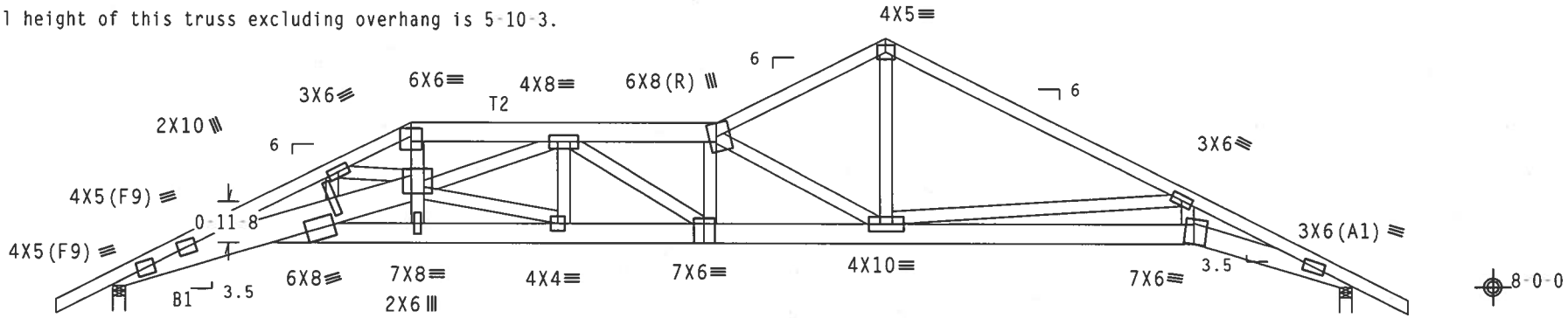
Nailing Schedule: (0.131"x3"_Gun_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

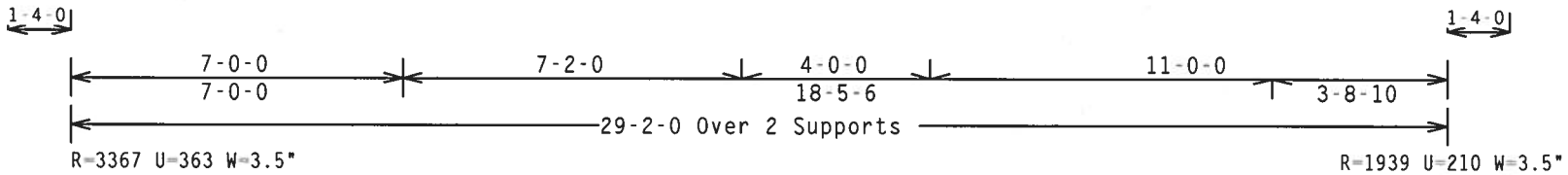
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.19" due to live load and 0.19" due to dead load.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.25.0503.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.25"/Ft.

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

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JAMES F. COLLINS LICENSE - No. 52212 - STATE OF FLORIDA - PROFESSIONAL ENGINEER
Apr 2[illegible]

TC LL	20.0 PSF	REF	R215-- 62199
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114020
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88640 REV
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

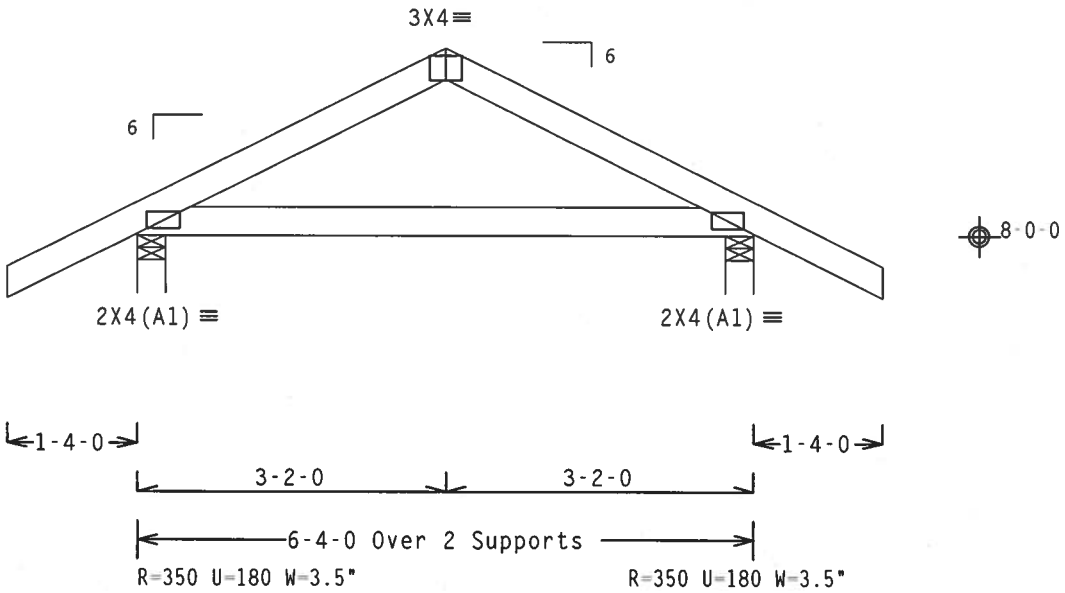
Wind reactions based on MWFRS pressures.

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

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.

The overall height of this truss excluding overhang is 1-11-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503.40 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS, PE LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 '07

TC LL	20.0 PSF	REF	R215-- 62200
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114025
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88446
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

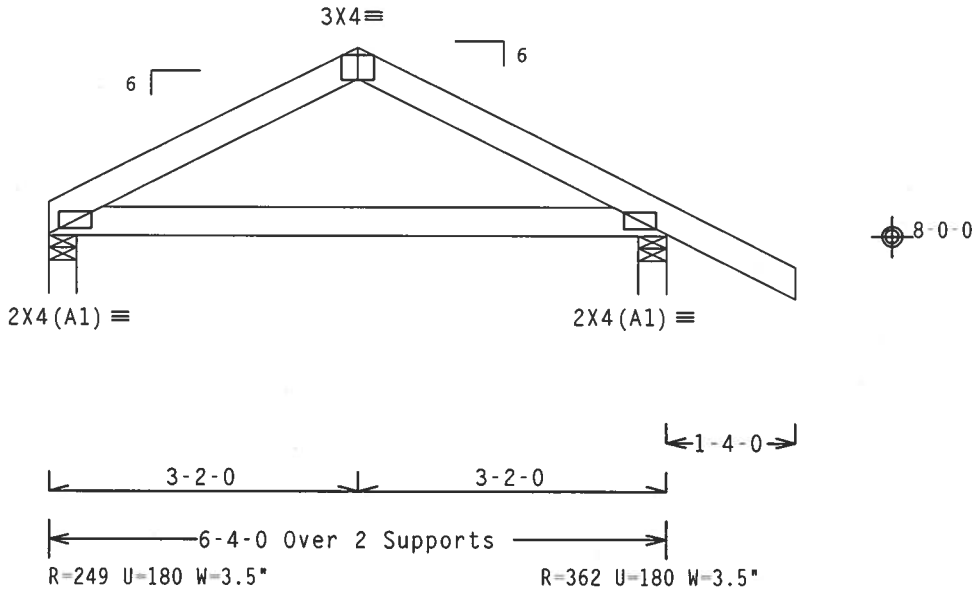
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

The overall height of this truss excluding overhang is 1-11-3.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES R. COLLINS JR LICENSE No. 62212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 '07

TC LL	20.0 PSF	REF	R215-- 62201
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114026
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88444
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

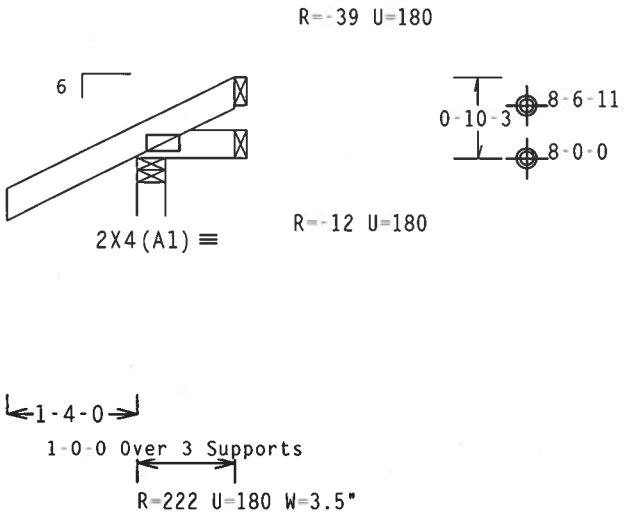
Wind reactions based on MWFRS pressures.

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

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.

The overall height of this truss excluding overhang is 0-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.25.0503 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/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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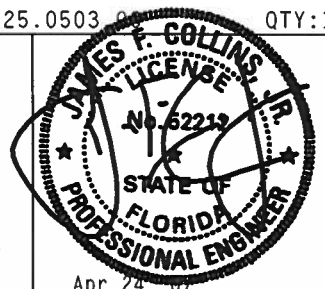


Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62202
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114033
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88400
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - JC3)

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

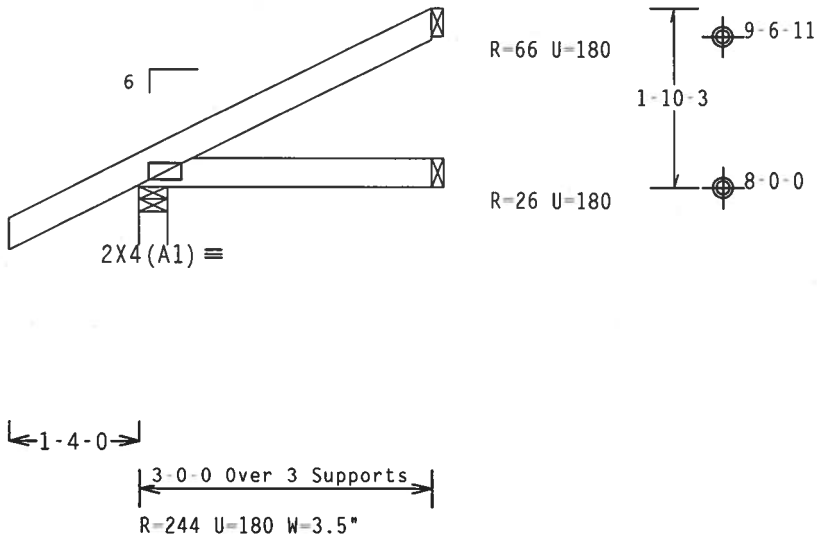
Wind reactions based on MWFRS pressures.

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

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.

The overall height of this truss excluding overhang is 1-10-3.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0502.23 QTY:1 FL/-/5/-/-/R/- Scale =.5"/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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JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr

TC LL	20.0 PSF	REF	R215-- 62203
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114032
BC LL	0.0 PSF		HC-ENG WHK/WHK *
TOT.LD.	40.0 PSF	SEQN-	37037
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - JC5)

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

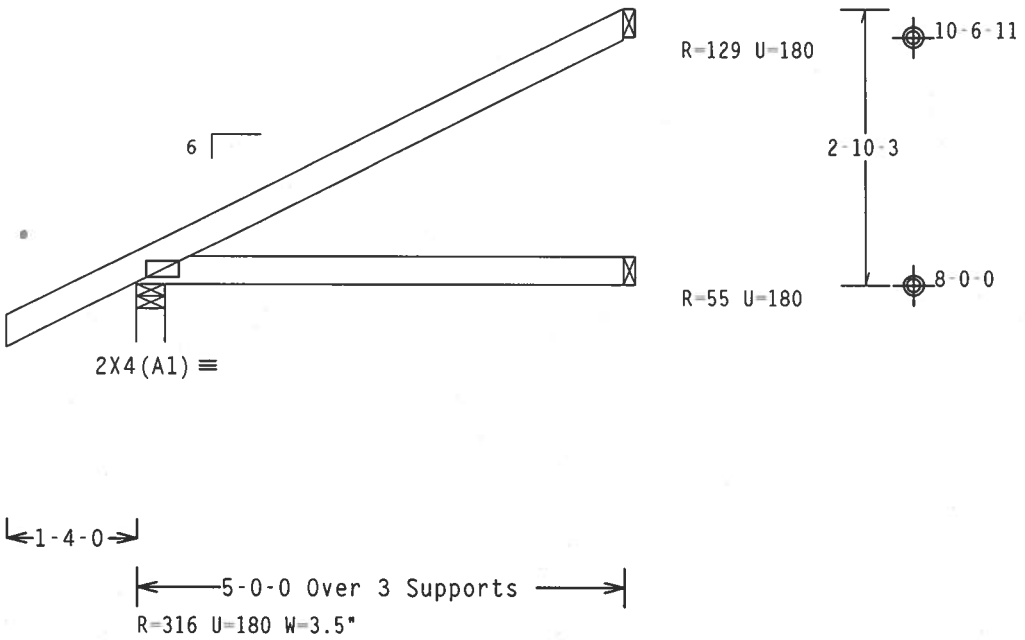
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/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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JAMES F. COLLINS, JR. LICENSE No. 22012 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 2[illegible]

TC LL	20.0 PSF	REF	R215-- 62204
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114031
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88398
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

Wind reactions based on MWFRS pressures.

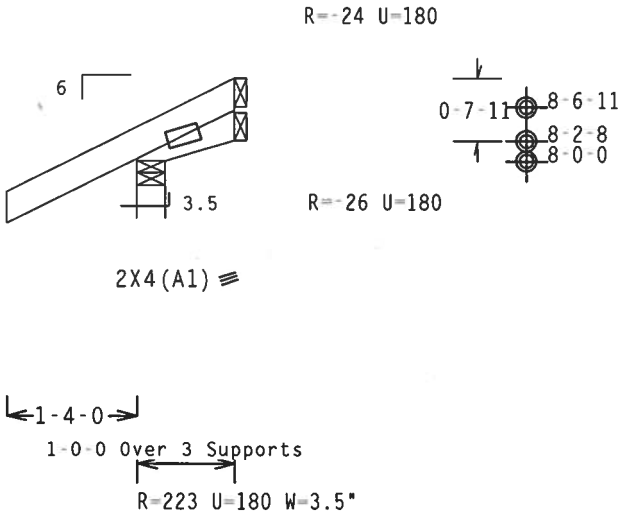
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 0-10-3.

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

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

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 2

TC LL	20.0 PSF	REF	R215-- 62205
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114018
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88453
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - JC3A)

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

Wind reactions based on MWFRS pressures.

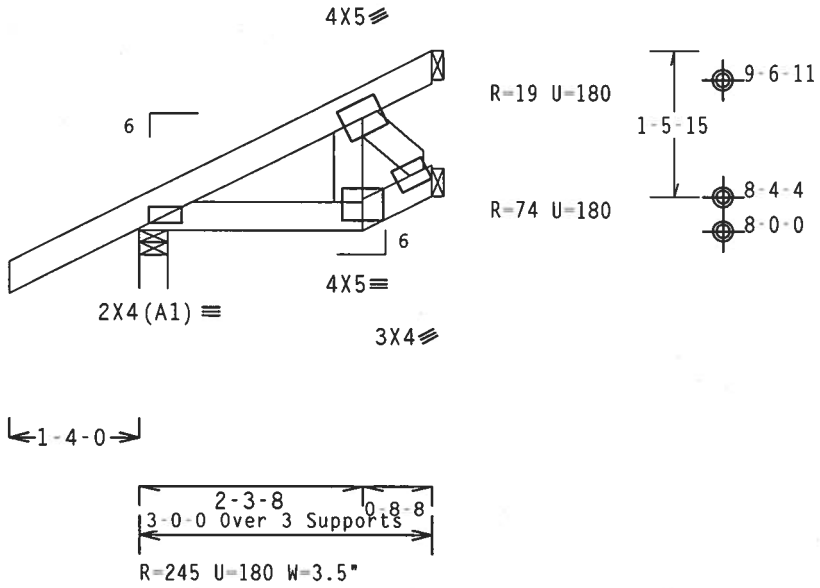
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 1-10-3.

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

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

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR. LICENSE No. 62211 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24

TC LL	20.0 PSF	REF	R215-- 62206
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114012
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88427
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - JC5A)

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

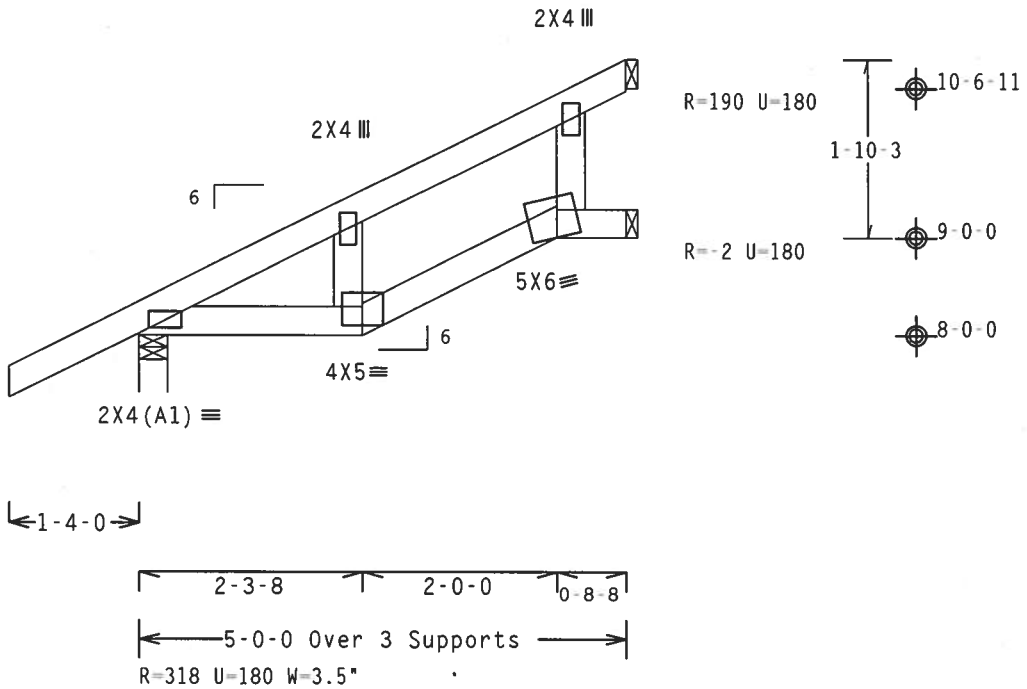
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSED No. 52232 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62207
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114011
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88568
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - JC3B)

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

Wind reactions based on MWFRS pressures.

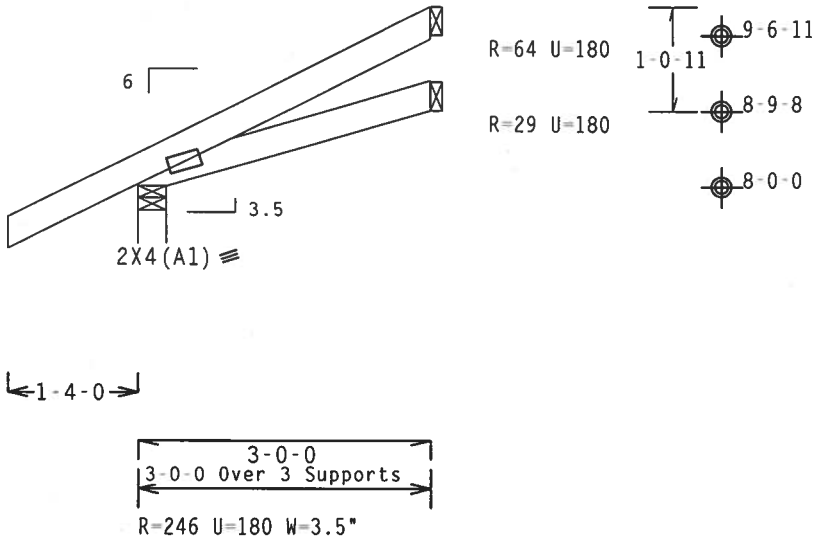
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 1-10-3.

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

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

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.25.0503.00 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE

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

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

Apr

TC LL	20.0 PSF	REF	R215-- 62208
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114017
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88455
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - JC5B)

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

Wind reactions based on MWFRS pressures.

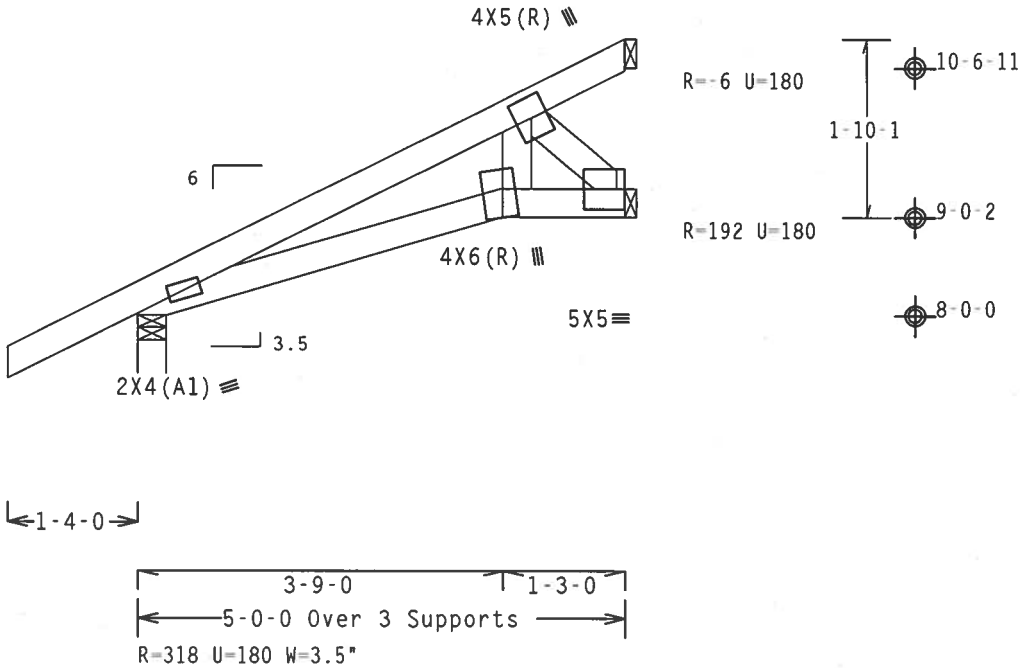
Plates sized for a minimum of 3.00 sq.in./piece.

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

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.

Shim all supports to solid bearing.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62209
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114016
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88457
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

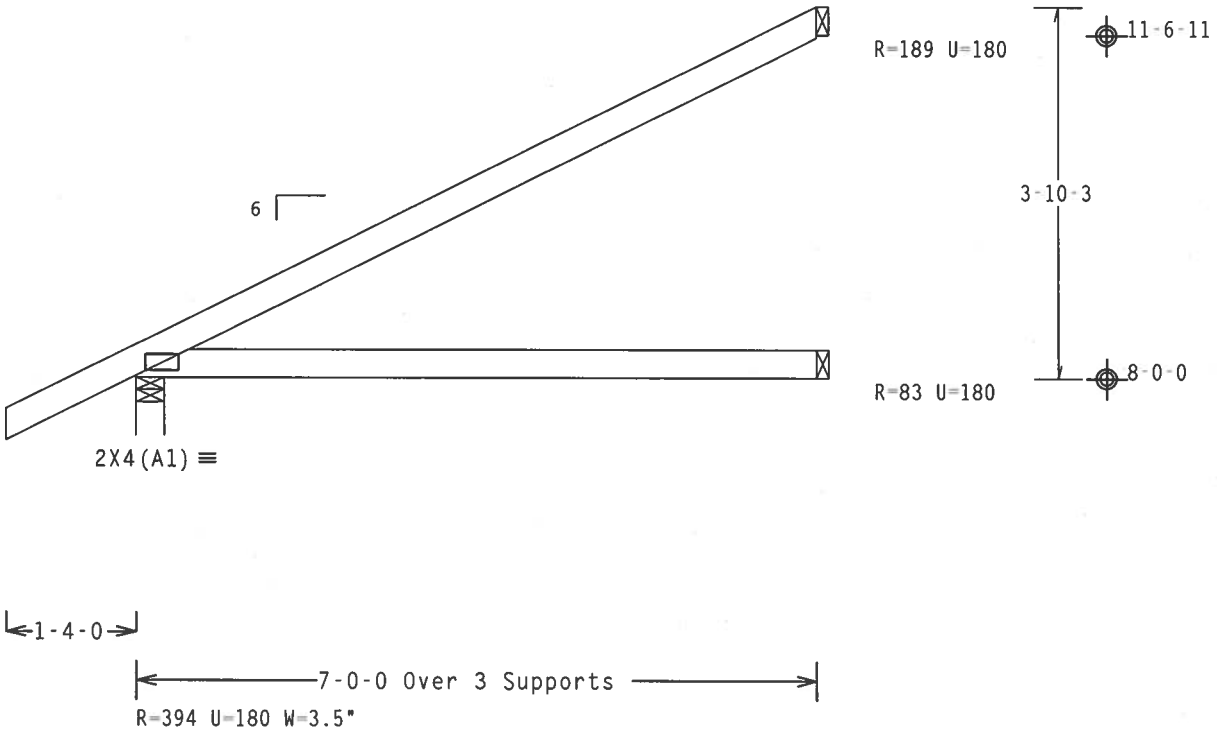
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24,07

TC LL	20.0 PSF	REF	R215-- 62210
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114034
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88420
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

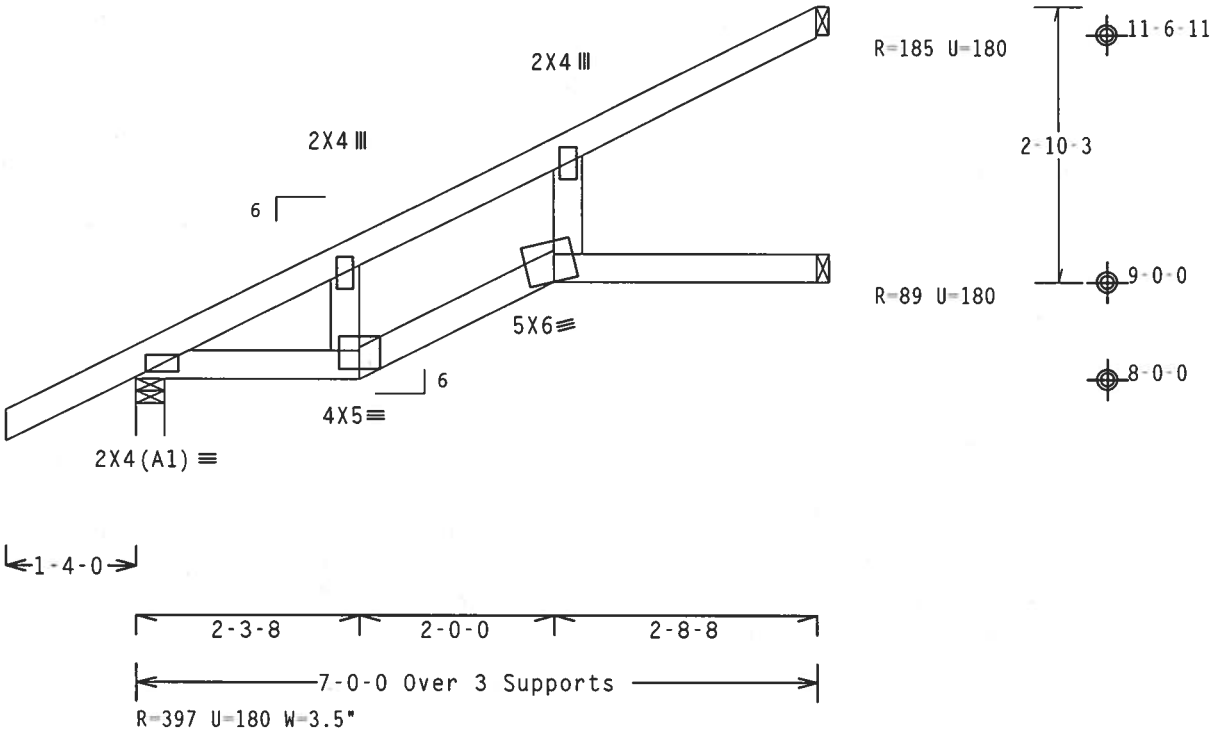
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

Apr

TC LL	20.0 PSF	REF R215-- 62211
TC DL	10.0 PSF	DATE 04/24/07
BC DL	10.0 PSF	DRW HCUSR215 07114013
BC LL	0.0 PSF	HC-ENG DAB/AP *
TOT.LD.	40.0 PSF	SEQN- 88574
DUR.FAC.	1.25	FROM LRB
SPACING	24.0"	JREF- 1T6S215_Z01

Top chord 2x4 SP #2 N
Bot chord 2x6 SP SS
Webs 2x4 SP #2 N

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 7.00
BC - From 21 PLF at 0.00 to 21 PLF at 3.75
BC - From 20 PLF at 3.75 to 20 PLF at 7.00
BC - 897 LB Conc. Load at 2.06, 4.06, 6.06

Shim all supports to solid bearing.

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

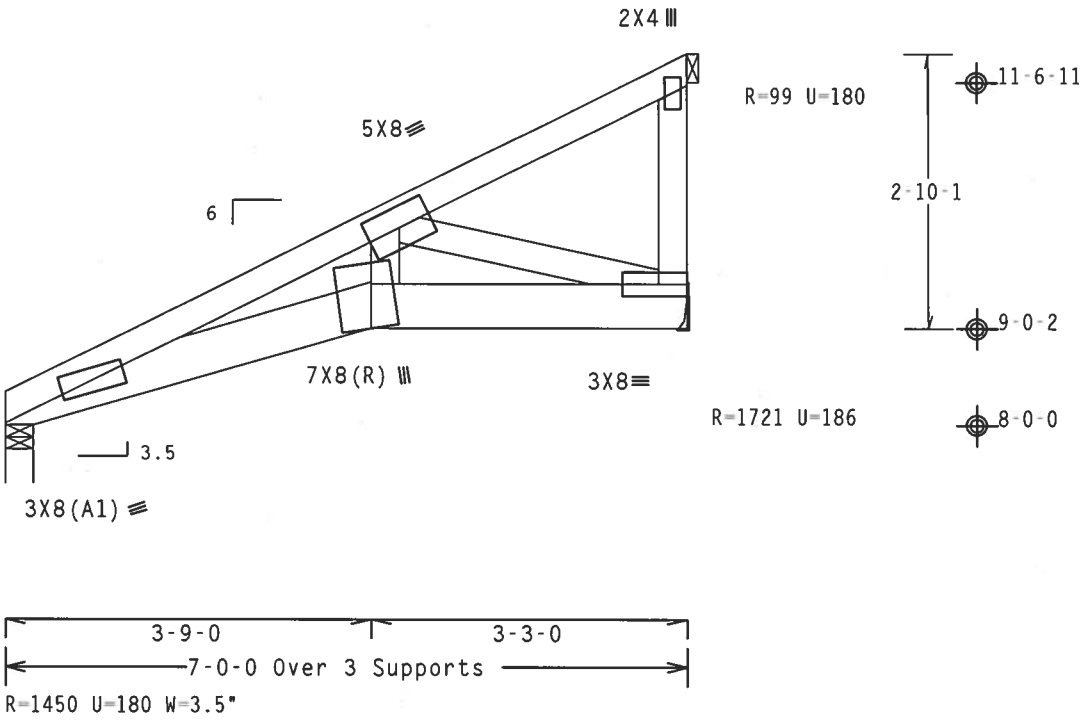
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 '07

TC LL	20.0 PSF	REF	R215-- 62212
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114005
BC LL	0.0 PSF	HC-ENG	DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88510
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

(4488-/LOT 22 COLUMBIA HOMESITES /Compass Builders -- LAKE CITY, FL - JH10)

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

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

Wind reactions based on MWFRS pressures.

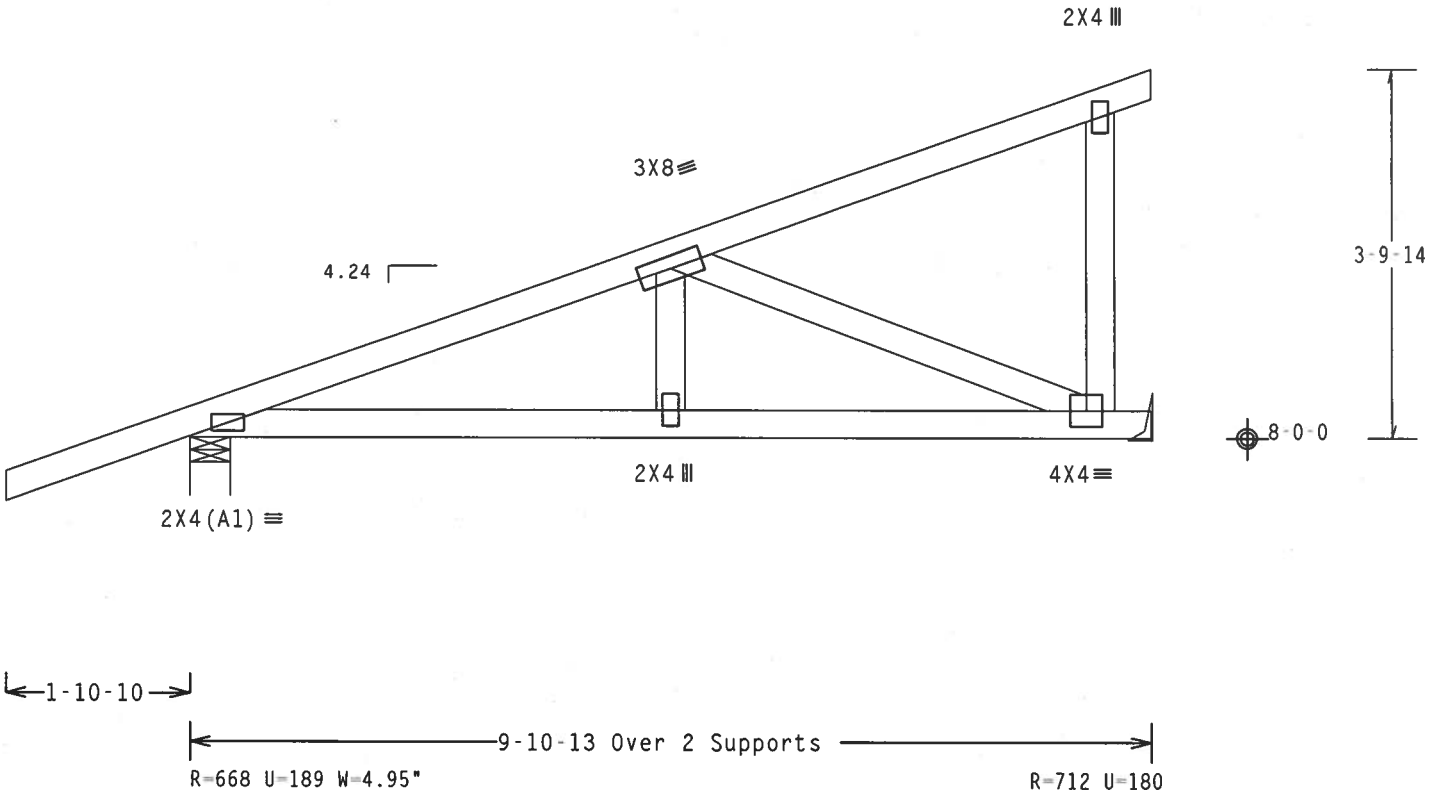
Deflection meets L/240 live and L/180 total load.

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

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

TC	From	61 PLF	at	-1.89	to	61 PLF at 9.90
BC	From	4 PLF	at	-1.89	to	4 PLF at 0.00
BC	From	20 PLF	at	0.00	to	20 PLF at 9.90
TC		78 LB Conc. Load	at	1.48		
TC		131 LB Conc. Load	at	4.31		
TC		259 LB Conc. Load	at	7.13		
BC		23 LB Conc. Load	at	1.48		
BC		52 LB Conc. Load	at	4.31		
BC		111 LB Conc. Load	at	7.13		

The overall height of this truss excluding overhang is 3-9-14.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLIANO, JR. LICENSE No. 62213 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 2[illegible]

TC LL	20.0 PSF	REF	R215-- 62213
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114030
BC LL	0.0 PSF		HC-ENG DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88592
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 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

Wind reactions based on MWFRS pressures.

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

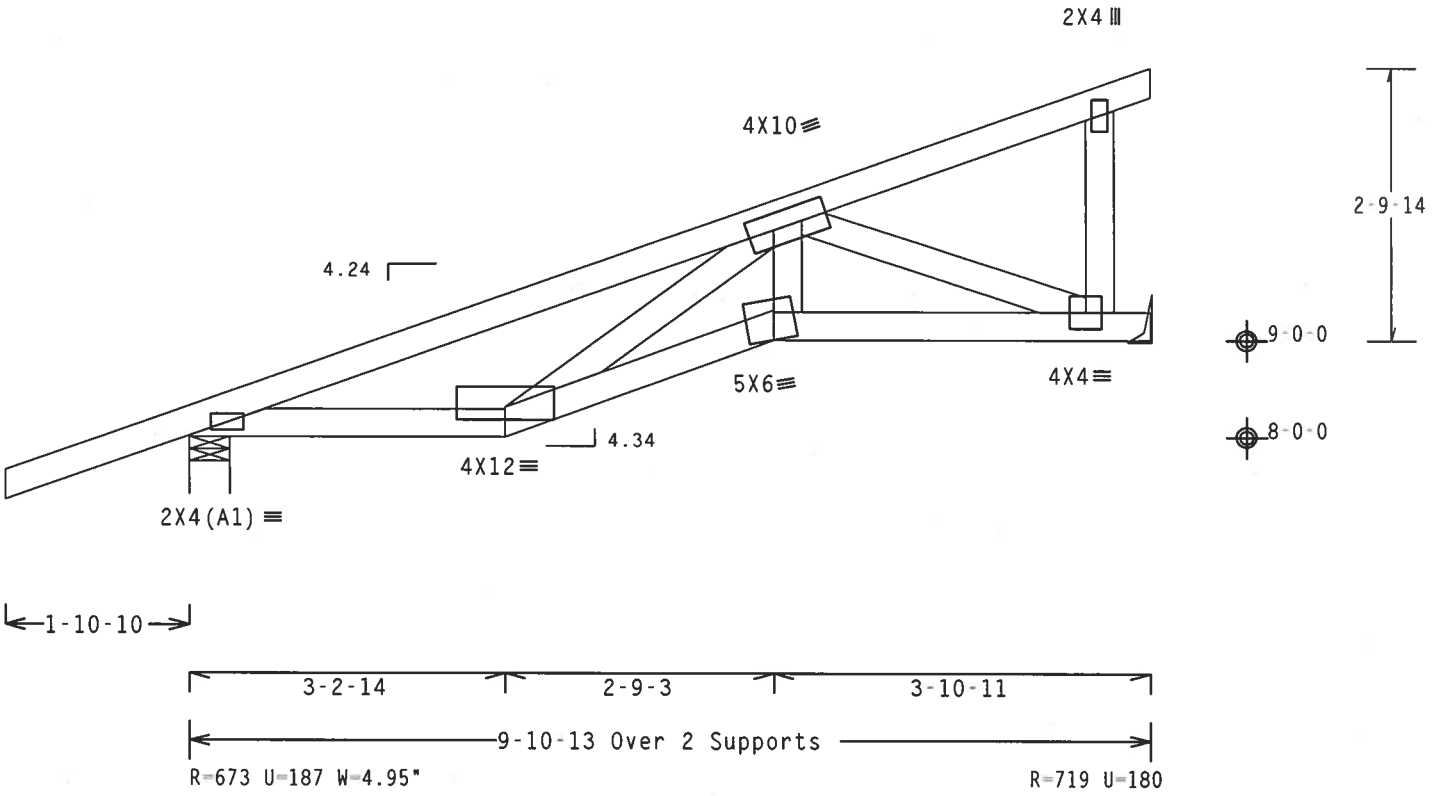
Plates sized for a minimum of 3.00 sq.in./piece.

The overall height of this truss excluding overhang is 3-9-14.

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

TC	From	61 PLF	at	-1.89	to	61 PLF	at 9.90
BC	From	4 PLF	at	-1.89	to	4 PLF	at 0.00
BC	From	20 PLF	at	0.00	to	20 PLF	at 3.24
BC	From	21 PLF	at	3.24	to	21 PLF	at 6.01
BC	From	20 PLF	at	6.01	to	20 PLF	at 9.90

TC	78 LB	Conc. Load	at	1.48
TC	38 LB	Conc. Load	at	4.31
TC	264 LB	Conc. Load	at	7.13
BC	23 LB	Conc. Load	at	1.48
BC	149 LB	Conc. Load	at	4.31
BC	112 LB	Conc. Load	at	7.13



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

TC LL	20.0 PSF	REF	R215-- 62214
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114010
BC LL	0.0 PSF		HC-ENG DAB/AP
TOT.LD.	40.0 PSF	SEQN-	88463
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

Top chord 2x4 SP #2 N
Bot chord 2x4 SP #2 N :B2 2x4 SP SS:
Webs 2x4 SP #2 N

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

Wind reactions based on MWFRS pressures.

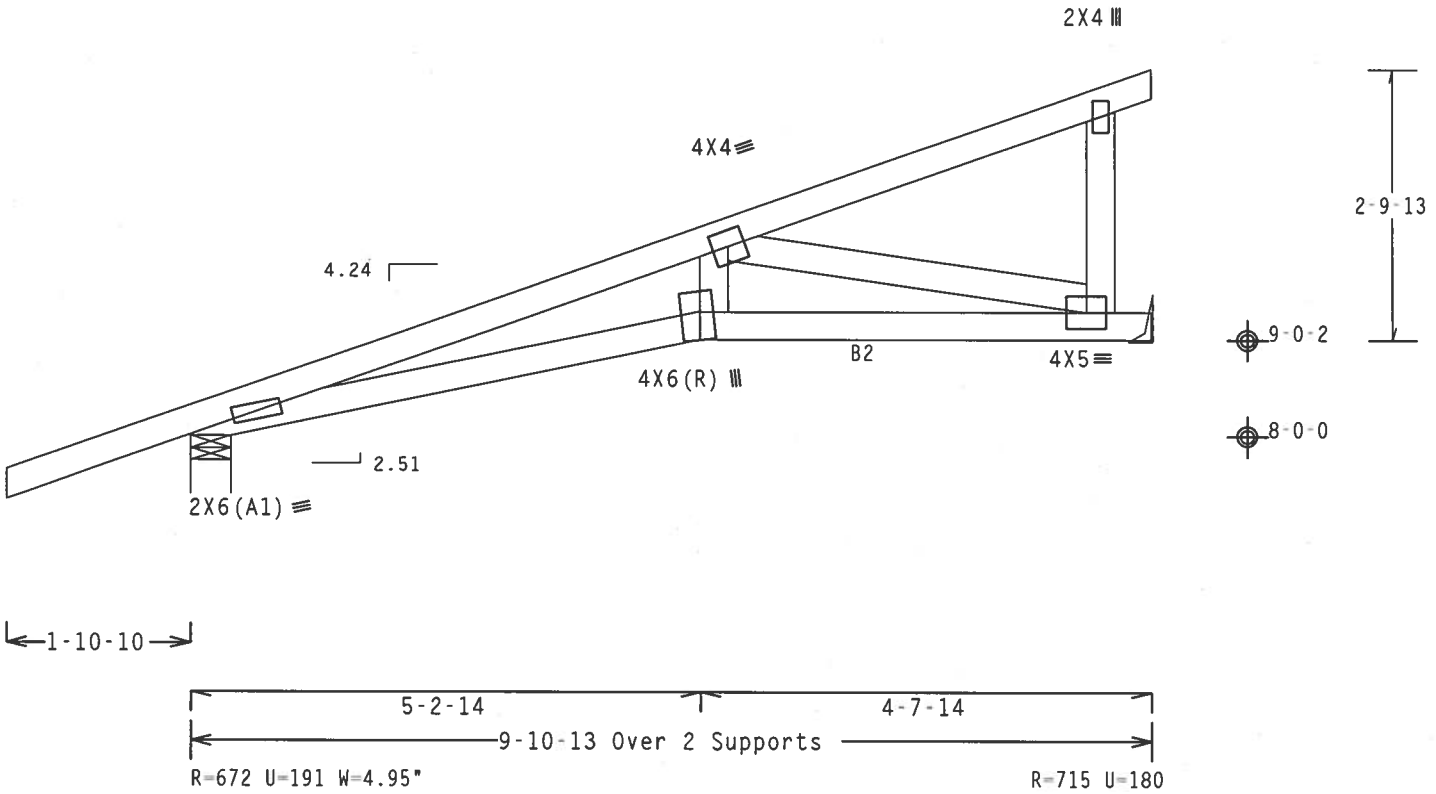
Deflection meets L/240 live and L/180 total load.

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

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

TC	From	61 PLF	at	-1.89	to	61 PLF	at 9.90
BC	From	4 PLF	at	-1.89	to	4 PLF	at -0.00
BC	From	20 PLF	at	-0.00	to	20 PLF	at 5.24
BC	From	20 PLF	at	5.24	to	20 PLF	at 9.90
TC	48 LB	Conc. Load	at	1.48			
TC	129 LB	Conc. Load	at	4.31			
TC	12 LB	Conc. Load	at	7.13			
BC	53 LB	Conc. Load	at	1.48			
BC	57 LB	Conc. Load	at	4.31			
BC	384 LB	Conc. Load	at	7.13			

The overall height of this truss excluding overhang is 3-9-14.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.5"/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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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 24 07

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

REF	R215-- 62215
DATE	04/24/07
DRW	HCUSR215 07114015
HC-ENG	DAB/AP
SEQN-	88516
FROM	LRB
JREF-	1T6S215_Z01

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

Wind reactions based on MWFRS pressures.

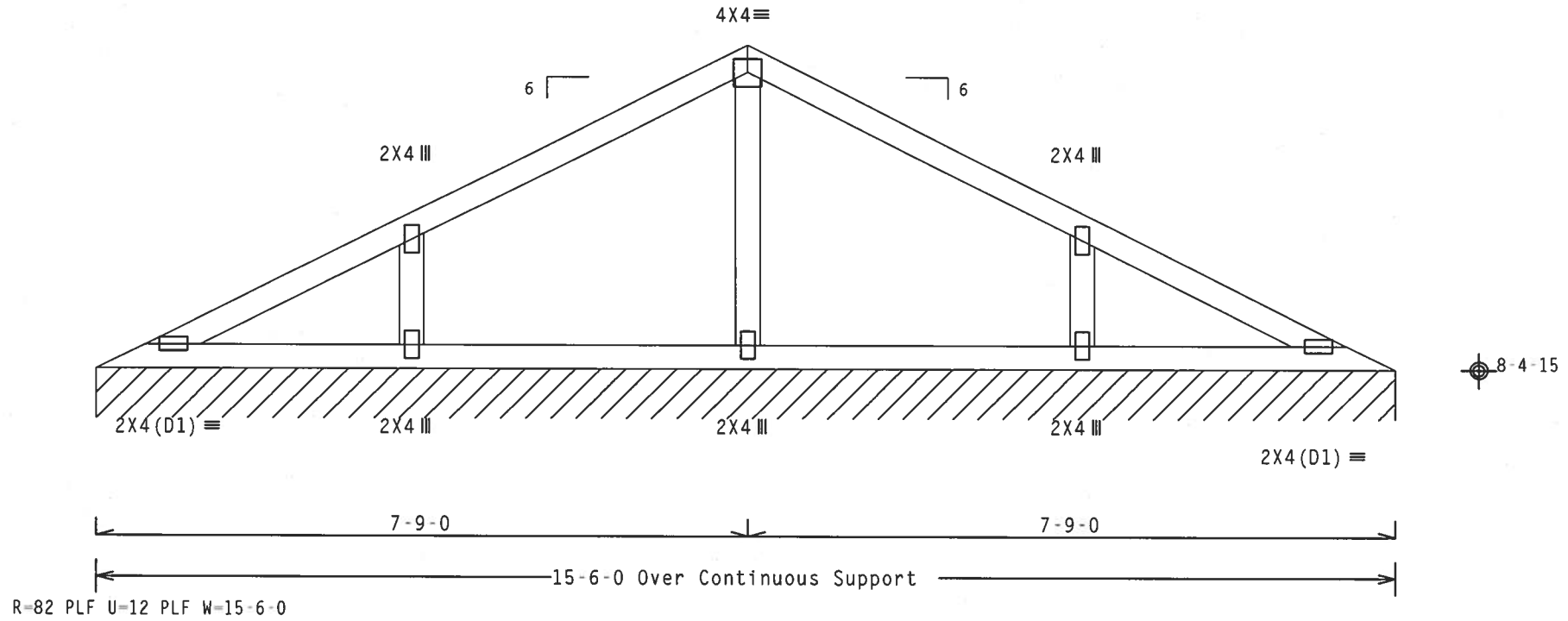
See DWG VALTRUSS0207 for valley details.

The overall height of this truss excluding overhang is 3-10-8.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503.00 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

Apr 24,07

TC LL	20.0 PSF	REF	R215-- 62216
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114027
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88442
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

Wind reactions based on MWFRS pressures.

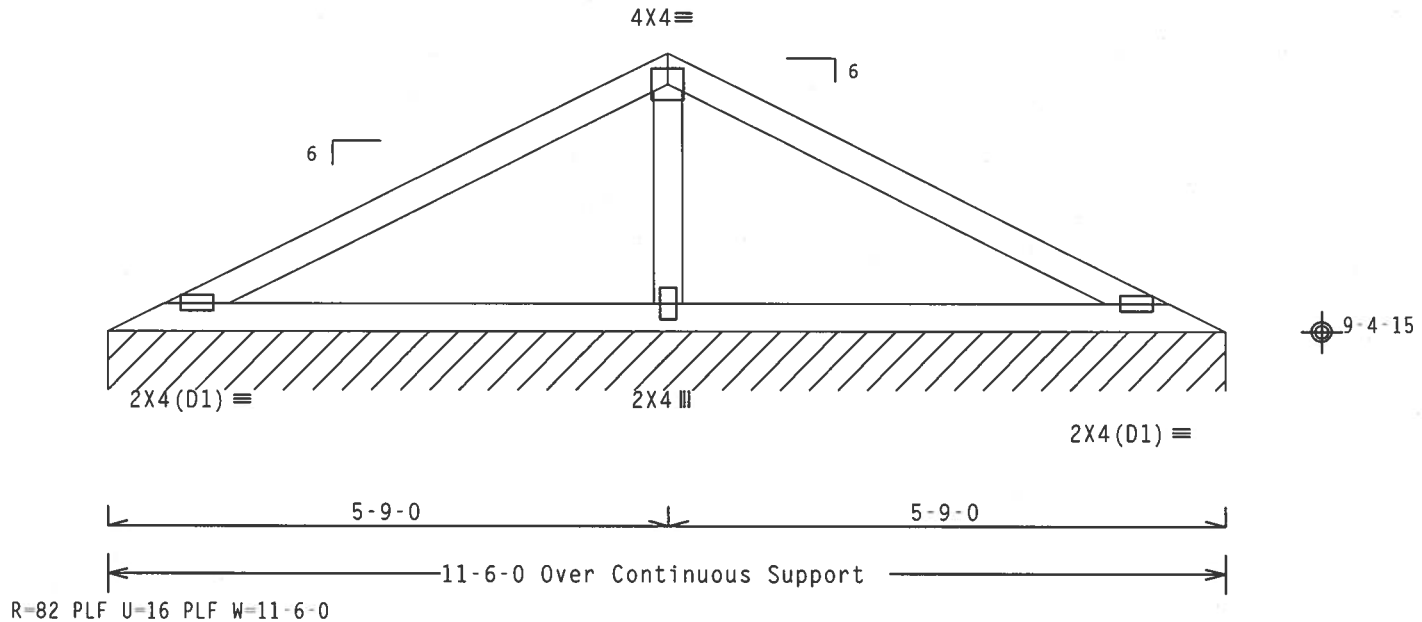
See DWG VALTRUSS0207 for valley details.

The overall height of this truss excluding overhang is 2-10-8.

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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0503 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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JAMES F. COLLINS JR LICENSE No. 52214 STATE OF FLORIDA PROFESSIONAL ENGINEER

Apr 24 '07

TC LL	20.0 PSF	REF	R215-- 62217
TC DL	10.0 PSF	DATE	04/24/07
BC DL	10.0 PSF	DRW	HCUSR215 07114028
BC LL	0.0 PSF	HC-ENG	DAB/AP *
TOT.LD.	40.0 PSF	SEQN-	88440
DUR.FAC.	1.25	FROM	LRB
SPACING	24.0"	JREF-	1T6S215_Z01

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

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.

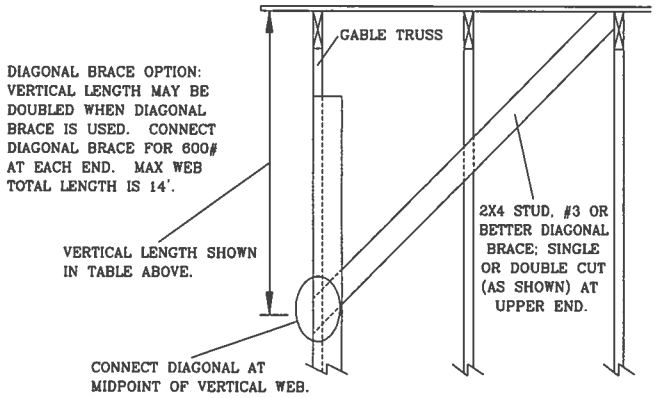
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

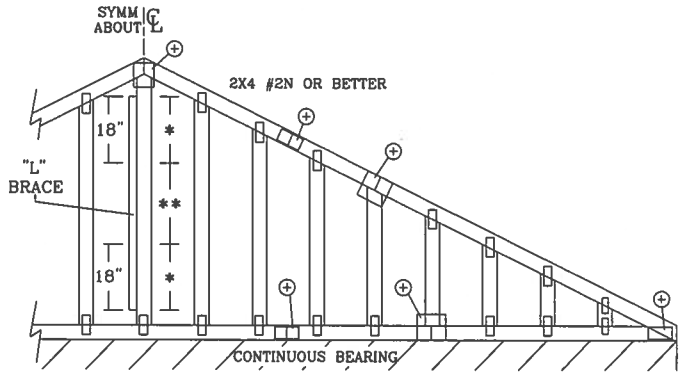
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

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.





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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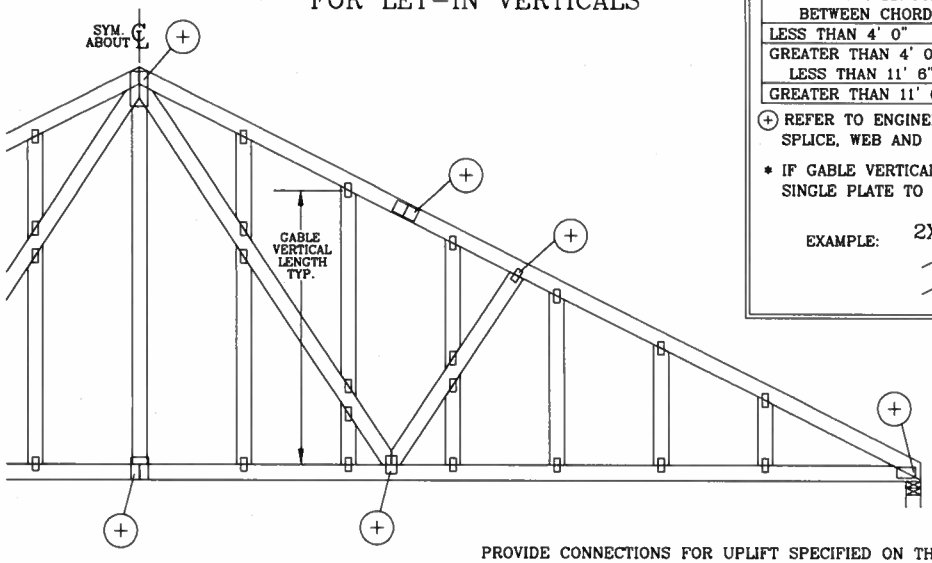
JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
AP 2/23/07

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

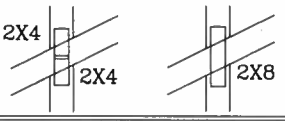


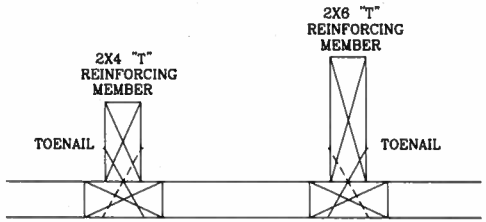
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ 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:





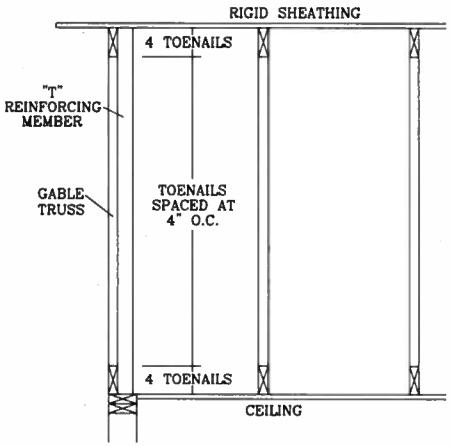
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

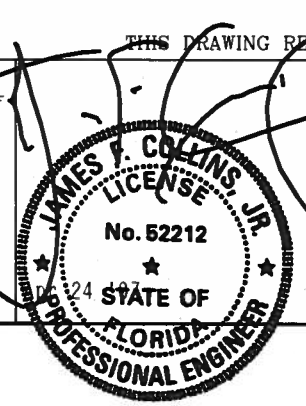
SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

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 (60A-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.



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

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.

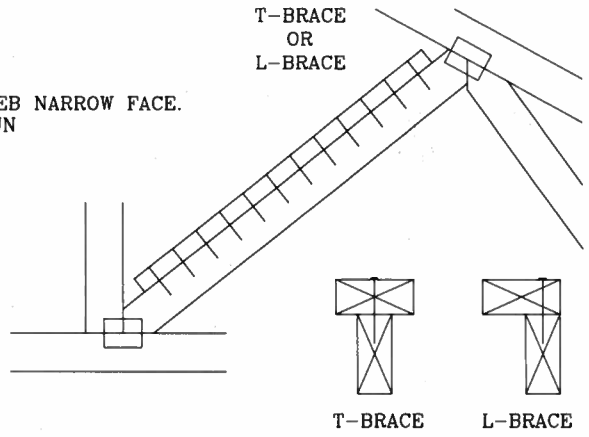
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

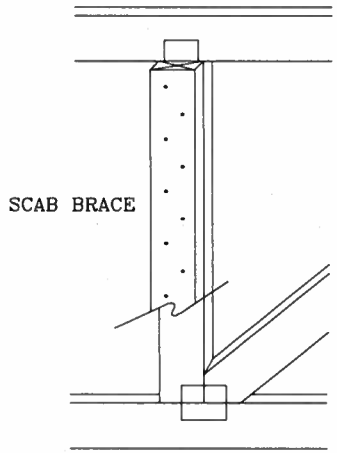
T-BRACING OR L-BRACING:

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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Apr [illegible] 07

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

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			

VALLEY TRUSS DETAIL

TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH: (2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR SBC 110 MPH, ASCE 7-93 110 MPH OR ASCE 7-98, ASCE 7-02 OR ASCE 7-05 130 MPH. 15' MEAN HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL, WIND TC DL=5 PSF.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

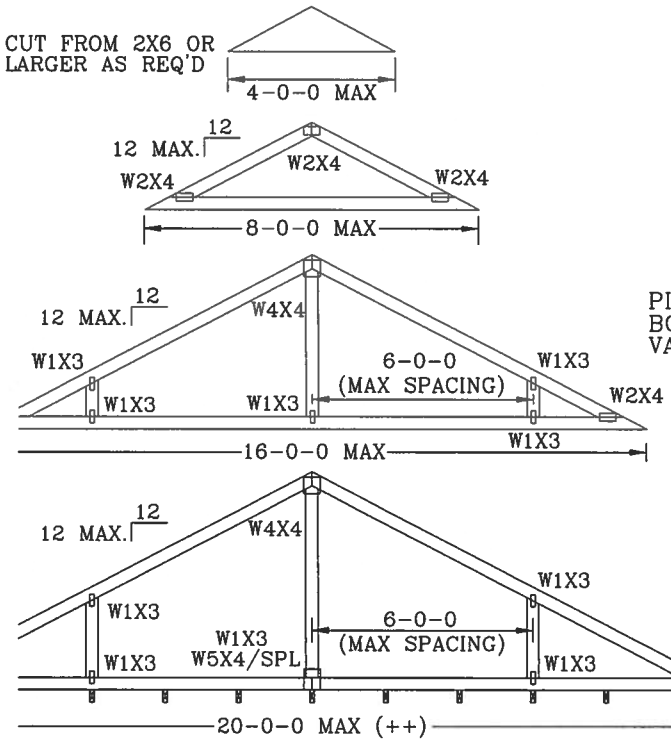
MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:
PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION
OR
PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN
OR
BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

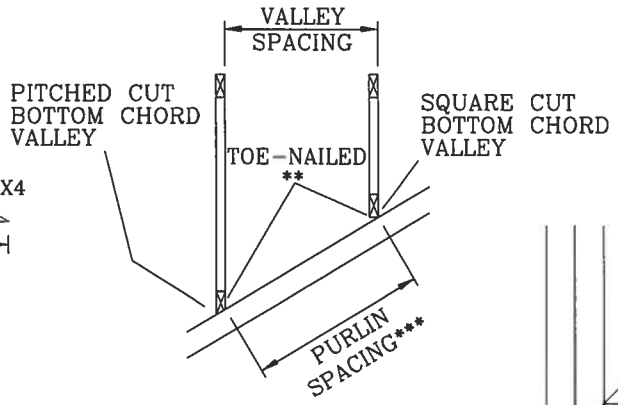
*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

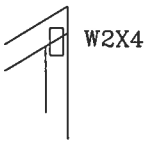
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.

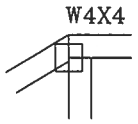


SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.

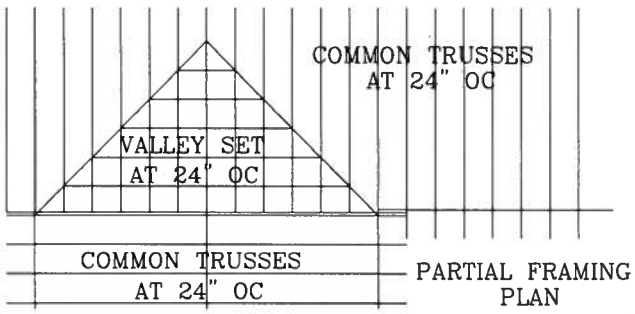




OPTIONAL STUB END DETAIL



OPTIONAL HIP JOINT DETAIL



PARTIAL FRAMING PLAN

THIS DRAWING REPLACES DRAWING A105

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

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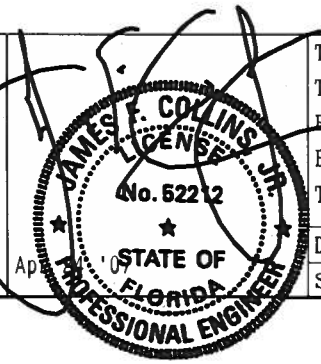
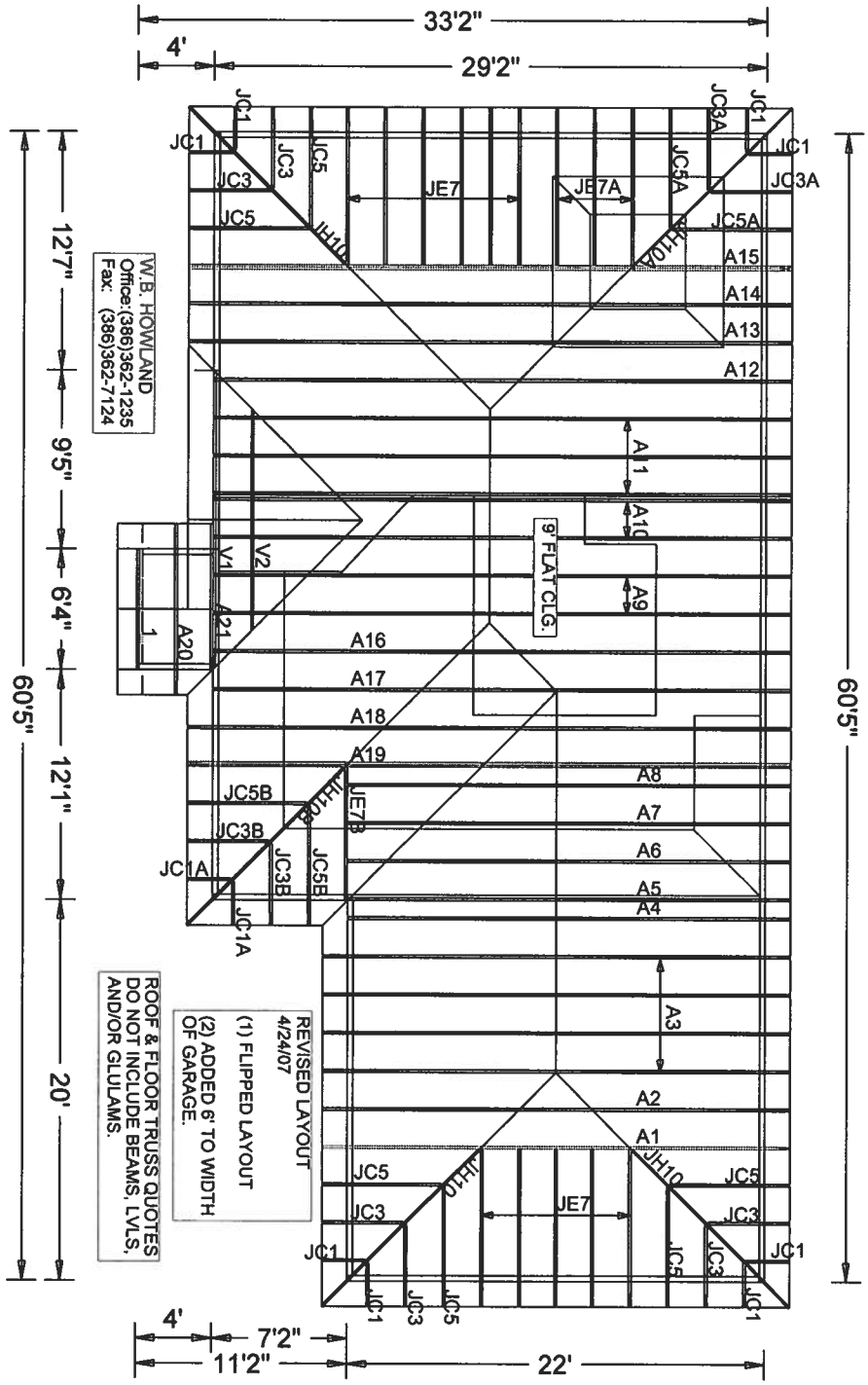


Ap

TC LL	30	30	40	PSF
TC DL	20	15	7	PSF
BC DL	10	10	10	PSF
BC LL	0	0	0	PSF
TOT. LD.	60	55	57	PSF
DUR.FAC.	1.25/1.33	1.15	1.15	
SPACING		24"		

REF	VALLEY DETAIL
DATE	2/23/07
DRWG	VALTRUSS0207
-ENG	MLH/KAR



PAGE NO:	JOB NO:	Job Name: LOT 22 COLUMBIA HOMESITES Customer: Compass Builders Designer: Lynn Bell	
1 OF 1	4488		

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Jeld-Wen	Exterior Swinging door	FL-498-R1
B. SLIDING			
C. SECTIONAL/ROLL UP	Raynor	Raynor	FL-4867
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	ME-Products	Single Hung Window	FL-5108
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	James Hardie	Hardi Plank Siding	FL-889-R1
B. SOFFITS	Kaylan	Aluminum Soffit	FL-4957
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Elk Roofing	Asphalt shingles	FL-586-R2
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson Strong tie	Truss Straps	FL-474-R1
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.

Jason Reid
APPLICANT SIGNATURE

6/13/07
DATE

R-1305 01-04

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

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

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

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
		Elevations including:
☑	☐	a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

☐ ☐ d) Location, size and height above roof of chimneys.
☐ ☐ e) Location and size of skylights
☐ ☐ f) Building height
☐ ☐ e) Number of stories

Floor Plan including:

☐ ☐ a) Rooms labeled and dimensioned.
☐ ☐ b) Shear walls identified.
☐ ☐ c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 **(see attach forms).**
☐ ☐ d) Show safety glazing of glass, where required by code.
☐ ☐ e) Identify egress windows in bedrooms, and size.
☐ ☐ f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, **(Please circle applicable type).**
☐ ☐ g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☐ ☐ h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

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

Roof System:

☐ ☐ a) Truss package including:
1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☐ ☐ b) Conventional Framing Layout including:
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

☐ ☐ a) Masonry wall
1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☐ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

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

Floor Framing System:

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

☐ ☐ b) Floor joist size and spacing

☐ ☐ c) Girder size and spacing

☐ ☐ d) Attachment of joist to girder

☐ ☐ e) Wind load requirements where applicable

☐ ☐ **Plumbing Fixture layout**

Electrical layout including:

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

☐ ☐ b) Ceiling fans

☐ ☐ c) Smoke detectors

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

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

☐ ☐ f) Appliances and HVAC equipment

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

☐ ☐ h) Exhaust fans in bathroom

HVAC information

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

☐ ☐ b) Manual J sizing equipment or equivalent computation

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

☐ ☐ **Disclosure Statement for Owner Builders**

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

☐ ☐ **Private Potable Water**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

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

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

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

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

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

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

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

Residential System Sizing Calculation

Summary

Compass Builders

Lake City, FL

Project Title:
The Thomas

Code Only
Professional Version
Climate: North

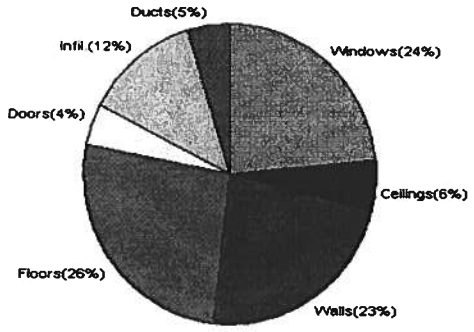
4/4/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**27703**	**Btuh**	**Total cooling load calculation**	**26689**	**Btuh**
Submitted heating capacity	24000	Btuh	Submitted cooling capacity	24000	Btuh
Submitted as % of calculated	86.6	%	Submitted as % of calculated	89.9	%

WINTER CALCULATIONS

Winter Heating Load (for 1196 sqft)

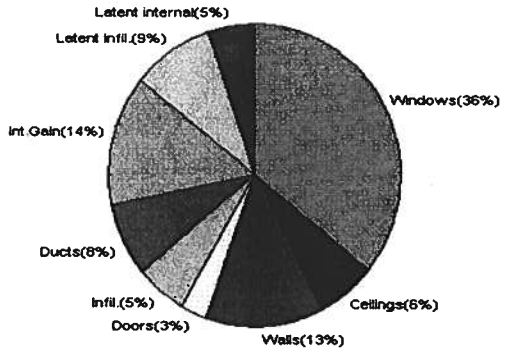
Load component			Load	
Window total	231	sqft	6523	Btuh
Wall total	2092	sqft	6305	Btuh
Door total	78	sqft	1242	Btuh
Ceiling total	1196	sqft	1555	Btuh
Floor total	232	ft	7331	Btuh
Infiltration	80	cfm	3427	Btuh
Subtotal			**26384**	**Btuh**
Duct loss			1319	Btuh
TOTAL HEAT LOSS			**27703**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1196 sqft)

Load component			Load	
Window total	231	sqft	9587	Btuh
Wall total	2092	sqft	3556	Btuh
Door total	78	sqft	778	Btuh
Ceiling total	1196	sqft	1698	Btuh
Floor total			0	Btuh
Infiltration	70	cfm	1384	Btuh
Internal gain			3800	Btuh
Subtotal(sensible)			**20804**	**Btuh**
Duct gain			2080	Btuh
Total sensible gain			**22885**	**Btuh**
Latent gain(infiltration)			2424	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**3804**	**Btuh**
TOTAL HEAT GAIN			**26689**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: _____

DATE: 4-4-07

System Sizing Calculations - Winter

Residential Load - Component Details

Compass Builders
Lake City, FL

Project Title:
The Thomas

Code Only
Professional Version
Climate: North

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

4/4/2007

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	E	60.0	28.3	1698 Btuh
2	2, Clear, Metal, DEF	N	50.0	28.3	1415 Btuh
3	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
4	2, Clear, Metal, DEF	W	15.0	28.3	424 Btuh
5	2, Clear, Metal, DEF	W	20.0	28.3	566 Btuh
6	2, Clear, Metal, DEF	S	60.0	28.3	1698 Btuh
7	2, Clear, Metal, DEF	S	10.5	28.3	297 Btuh
	Window Total		231		6523 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	1972	3.1	6113 Btuh
2	Frame - Adjacent	13.0	120	1.6	192 Btuh
	Wall Total		2092		6305 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Adjac		18	9.2	166 Btuh
2	Wood - Exter		60	17.9	1076 Btuh
	Door Total		78		1242Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1196	1.3	1555 Btuh
	Ceiling Total		1196		1555Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	232.0 ft(p)	31.6	7331 Btuh
	Floor Total		232		7331 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	11960(sqft)	80	3427 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			80	3427 Btuh

Totals for Heating	**Subtotal**	**26384 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1319 Btuh**
	Total Btuh Loss	**27703 Btuh**

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

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

System Sizing Calculations - Summer

Residential Load - Component Details

Compass Builders

Lake City, FL

Project Title:
The Thomas

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F

4/4/2007

Window	Type Panes/SHGC/U/InSh/ExSh	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, DEF, N, N	E	1.5	6	60.0	12.5	47.6	22	72	3698 Btuh
2	2, Clear, DEF, N, N	N	1.5	6	50.0	0.0	50.0	22	22	1100 Btuh
3	2, Clear, DEF, N, N	N	1.5	6	15.0	0.0	15.0	22	22	330 Btuh
4	2, Clear, DEF, N, N	W	1.5	6	15.0	0.7	14.3	22	72	1043 Btuh
5	2, Clear, DEF, N, N	W	1.5	6	20.0	0.5	19.5	22	72	1416 Btuh
6	2, Clear, DEF, N, N	S	1.5	6	60.0	30.0	30.0	22	37	1770 Btuh
7	2, Clear, DEF, N, N	S	1.5	4.5	10.5	10.5	0.0	22	37	231 Btuh
	Window Total				231					9587 Btuh

Walls	Type	R-Value	Area	HTM	Load
1	Frame - Exterior	13.0	1972.0	1.7	3431 Btuh
2	Frame - Adjacent	13.0	120.0	1.0	125 Btuh
	Wall Total		2092.0		3556 Btuh

Doors	Type	Area	HTM	Load
1	Wood - Adjac	18.0	10.0	180 Btuh
2	Wood - Exter	60.0	10.0	599 Btuh
	Door Total	78.0		778 Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load
1	Under Attic/Dark	30.0	1196.0	1.4	1698 Btuh
	Ceiling Total		1196.0		1698 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab-On-Grade Edge Insulation	0.0	232.0 ft(p)	0.0	0 Btuh
	Floor Total		232.0		0 Btuh

Infiltration	Type	ACH	Volume	CFM=	Load
	Natural	0.35	11960	69.9	1384 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			70	1384 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 300	+	2000	3800 Btuh

Totals for Cooling		
	Subtotal	**20804 Btuh**
	Duct gain(using duct multiplier of 0.10)	**2080 Btuh**
	Total sensible gain	**22885 Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**2424 Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380 Btuh**
	Latent other gain	**0 Btuh**
	TOTAL GAIN	**26689 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Compass Builders

Lake City, FL

Project Title:
The Thomas

Code Only
Professional Version
Climate: North

4/4/2007

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

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 15-5S-16-03626-322 **Building permit No.** 000025971

Use Classification SFD/UTILITY **Fire:** 70.62

Permit Holder JACOB KIRSCH **Waste:** 184.25

Owner of Building COMPASS BUILDERS **Total:** 254.87

Location: 120 SW THRASHER LANE, LAKE CITY, FL

Date: 11/27/2007

Wayne N. Rust

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)