DATE 10/17/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027434

APPLICANT MELANIE RODER PHONE 386.867.3534

ADDRESS 387 SW KEMP COURT LAKE CITY FL 32024

OWNER WESTFIELD CONSTRUCTION GROUP PHONE 386.867.3534

ADDRESS 471 SW ROSEMARY DRIVE LAKE CITY FL 32024

CONTRACTOR AARON SIMQUE PHONE 386.867.0692

LOCATION OF PROPERTY 90-W TO C-C252,TL TO C-252-B,TL TO PRESERVE @ LAUREL LAKE @ ROSEMARY DR., 7TH. LOT ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 179950.00

HEATED FLOOR AREA 2793.00 TOTAL AREA 3599.00 HEIGHT 27.60 STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 9'12 FLOOR CONC

LAND USE & ZONING PRD MAX. HEIGHT 35

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

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

PARCEL ID 03-4S-16-02731-110 SUBDIVISION PRESERVE @ LAUREL LAKE

LOT 110 BLOCK PHASE UNIT 1 TOTAL ACRES 0.36

000001682		RB29003130	Melanie Rod	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
WAIVER	X-08-344	BLK	HD	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: ELEVATION CONFIRMATION LETTER REQUIRED @ SLAB. MFE @ 116.60'

NOC ON FILE

Check # or Cash 4333

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 $ 900.00 CERTIFICATION FEE $ 18.00 SURCHARGE FEE $ 18.00

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** 1011.00

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

Permit Number:_____

Tax Folio Number:

State of: **Florida**
County of: **Columbia**

File Number:

Inst 200812019095 Date 10/17/2008 Time 3:02 PM
DC,P DeWitt Cason,Columbia County Page 1 of 1 B 1160 P 1784

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 110, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia Count, Florida.

2. General Description of Improvements: Single Family Home

3. Owner Information:
   a. Name and Address: Westfield Construction Group, LLC, P.O. 426 SW Commerce Drive STE 130, Lake City, FL 32025
   b. Interest in property: Fee Simple

   c. Names and address of fee simple title holder (if other than owner):

4. Contractor: Aaron Simque Homes
   P.O. Box 2183 Lake City, FL 32056

5. Surety: NONE

6. Lender: Capital City Bank, 3760 NW 83rd Street, Suite 2, Gainesville, Florida 32606

7. 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.

8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

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

Prepared by and return to:
Westfield Construction Group LLC
PO Box 426 SW Commerce dr ste 130
Lake City, FL 32025

Westfield Construction Group, LLC

BY: Aaron Nickelson
ITS: Manager

Sworn to and subscribed before me by Aaron Nickelson as the of Westfield Construction Group, LLC, personally known to me or who did provide _____ as identification.

Notary Public
My Commission Expires: 10-17-08

Notary Public State of Florida
Chad Stewart
My Commission DD416261
Expires 06/25/2009

Columbia County Building Permit Application

OH 4332

For Office Use Only Application # 0810-25 Date Received 10/13 By JW Permit # 27434/1682

Zoning Official BLK Date 10.10.08 Flood Zone X per plat FEMA Map # N/A Zoning PRD

Land Use RES. Low Den Elevation N/A MFE 116.6 St River N/A Plans Examiner NO Date 10-15-08

Comments Elevation Confirmation Letter Required at slab

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

☐ Dev Permit # ☐ In Floodway ☐ Letter of Authorization from Contractor

☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. X-08-349 Fax 752-2282

Name Authorized Person Signing Permit Melanie Roder Phone 386-623-7829

Address 387 SW Kemp Court, Lake City, FL 32024

Owners Name Westfield Construction group LLC Phone 386-867-3534

911 Address 471 SW Rosemary dr, Lake City, FL 32024

Contractors Name Aaron Simque Homes Phone 386-867-0692

Address ~~PO Box 1708~~ P.O.B 2695 Lake City, FL 32056

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Will Myers / Nick Geisler

Mortgage Lenders Name & Address Capital City Bank

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

Property ID Number 03-4S-16-02731-110 Estimated Cost of Construction 230,000

Subdivision Name Preserve at Laurel Lake Lot 110 Block ___ Unit 1 Phase ___

Driving Directions 90 W TL on CR 252B, TR into Preserve at Laurel Lake. (SW Rosemary dr) 7th lot on right.

Number of Existing Dwellings on Property 0

Construction of SFD-New construction Total Acreage .36 Lot Size

Do you need a - Culvert Permit or (Culvert Waiver 4333) or Have an Existing Drive Total Building Height 29'-7"

Actual Distance of Structure from Property Lines - Front 26'0" Side 26'-6" Side 27'-6" Rear 42'-6"

Number of Stories 2 Heated Floor Area 2,793 Total Floor Area 3,599 Roof Pitch 9-12

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.

Revised 11-30-07

JW left message 10.17.08 - for Melanie

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:
YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

X _____
Owners Signature

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission #DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

_____
Contractor's Signature (Permitee)

Contractor's License Number RB 2900 3130
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 8 **day of** Oct **20** 08

Personally known ✓ **or Produced Identification** _____

_____
State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission #DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

Rec. 18.50
Doc. 419.30
Consid 59,900.00

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

File No. 08-245

Property Appraiser's
Identification Number

—

Inst:200812015612 Date:8/21/2008 Time:1:00 PM
Doc Stamp-Deed:419.30
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1157 P:43

WARRANTY DEED

This Warranty Deed, made this 20th day of August, 2008, BETWEEN RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, whose post office address is Post Office Box 3659, Lake City, FL 32056-3659, of the County of Columbia, State of Florida, grantor*, and WESTFIELD CONSTRUCTION GROUP, LLC, a Florida Limited Liability Company, whose document number assigned by the Secretary of State of Florida is L[redacted] and whose Federal Tax I.D. Number is [redacted]*, whose post office address is 426 SW Commerce Drive, Suite 130, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee*.

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

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars ($10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 110, PRESERVE AT LAUREL LAKE, UNIT 1, a subdivision according to the plat thereof as recorded in Plat Book 9, Pages 18-25 of the public records of Columbia County, Florida.

*N.B.: THE PURPOSE OF INCLUDING THE DOCUMENT NUMBER AND THE FEDERAL TAX I.D. NUMBER OF THIS GRANTEE IS TO AVOID CONFUSION BETWEEN THIS GRANTEE AND ANY OTHER LIMITED LIABILITY COMPANY OF THE SAME OR SIMILAR NAME.

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 subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and

COLUMBIA COUNTY BUILDING DEPARTMENT
REVIEWED FOR
FIELD COPY
CODE COMPLIANCE
PLANS EXAMINER

other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

(Signature of First Witness)
Terry McDavid
(Typed Name of First Witness)

(Signature of Second Witness)
Lisa C. Ogburn
(Typed Name of Second Witness)

RESIDENTIAL DEVELOPMENT GROUP, LLC

(SEAL)
Grantor
By: DANIEL CRAPPS,
Managing Member

(SEAL)
Grantor
By: CHARLES S. SPARKS,
Managing Member

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 20th day of August, 2008, by DANIEL CRAPPS and CHARLES S. SPARKS, as Managing Members of RESIDENTIAL DEVELOPMENT GROUP, LLC, A Florida Limited Liability Company, who are personally known to me and who did not take an oath.

My Commission Expires:

Notary Public
Printed, typed, or stamped name:

TERRY MCDAVID
MY COMMISSION # DD 560788
EXPIRES: January 16, 2010
Bonded Thru Notary Public Underwriters

Notice of Authorization

I, Aaron Simque, do hereby authorize Melanie Roder or Linda Roder,

To be my representative and act on my behalf in all aspects of applying for a

Buiding permit to be located in Columbia County.

Contractor's signature

10-08-08
Date

Sworn and subscribed before me this 8 day of Oct, 2008

Notary Public

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission # DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

Personally known ✓
Produced ID (Type): _____

Rec. 16.50
DOC. 419.30
Comid 59.500*

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

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and

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Signed, sealed and delivered in our presence:

(Signature of First Witness)
Terry McDavid
(Typed Name of First Witness)

(Signature of Second Witness)
Lisa C. Ogburn
(Typed Name of Second Witness)

RESIDENTIAL DEVELOPMENT GROUP, LLC

(SEAL)
Grantor
By: DANIEL CRAPPS,
Managing Member

(SEAL)
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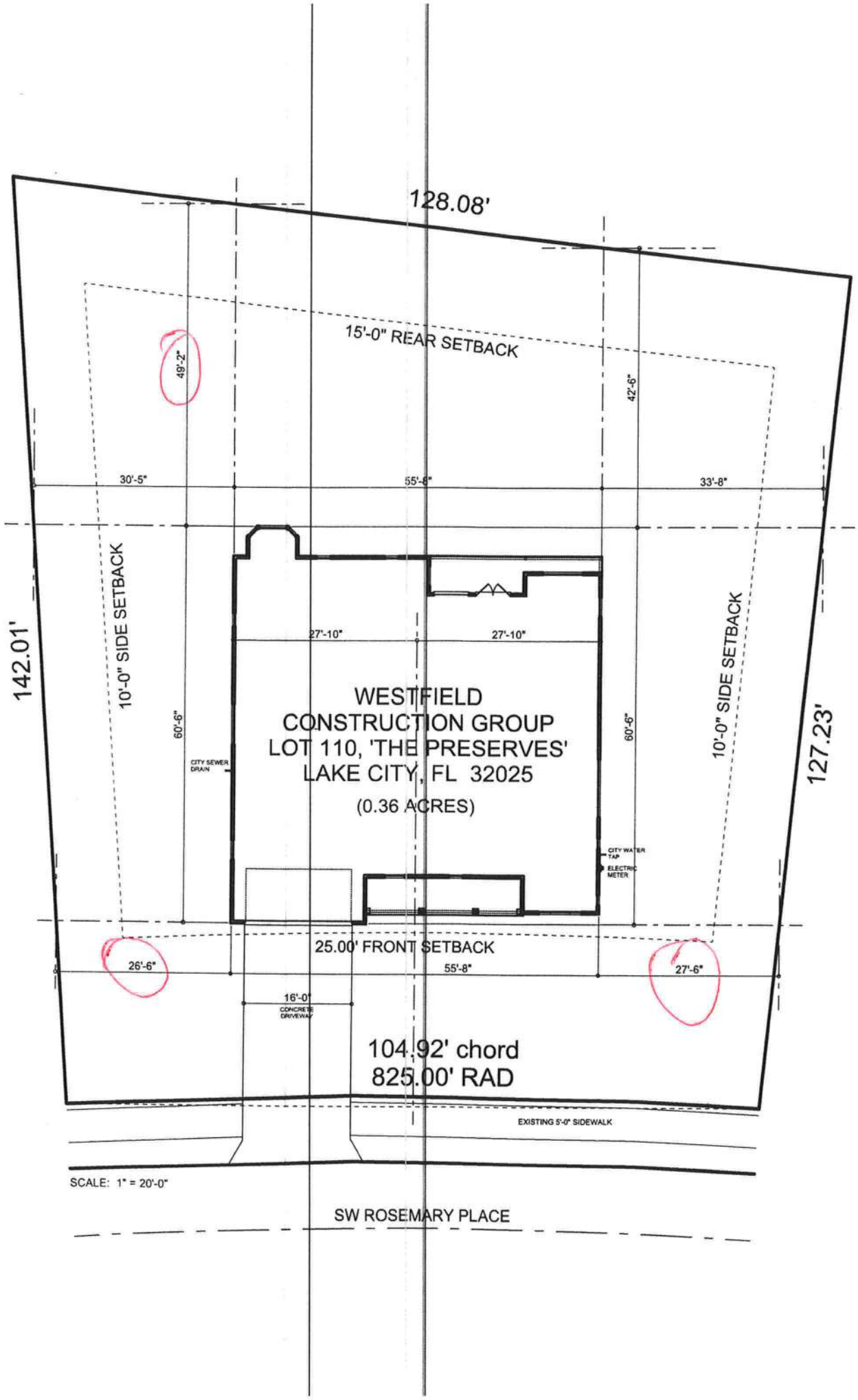

128.08'
15'-0" REAR SETBACK
49'-2"
42'-6"
30'-5"
55'-6"
33'-8"
142.01'
10'-0" SIDE SETBACK
27'-10"
27'-10"
WESTFIELD
CONSTRUCTION GROUP
LOT 110, 'THE PRESERVES'
LAKE CITY, FL 32025
(0.36 ACRES)
60'-6"
CITY SEWER DRAIN
CITY WATER TAP
ELECTRIC METER
10'-0" SIDE SETBACK
127.23'
25.00' FRONT SETBACK
26'-6"
55'-8"
27'-6"
16'-0"
CONCRETE DRIVEWAY
104.92' chord
825.00' RAD
EXISTING 5'-0" SIDEWALK
SCALE: 1" = 20'-0"
SW ROSEMARY PLACE

FORM 600A-2004R Tested sealed ducts must be certified in this house. EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Venture Point LLC - Preserves Model Center**	Builder:	**Aaron Simque Homes**
Address:	**Lot: , Sub: The Preserves, Plat:**	Permitting Office:	
City, State:	**Lake City, FL 32025-**	Permit Number:	
Owner:	**Model Home**	Jurisdiction Number:	
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 59.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	No		
6. Conditioned floor area (ft²)	2818 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) 471.6 ft²	a. Electric Heat Pump	Cap: 59.0 kBtu/hr
b. SHGC:			HSPF: 7.70
(or Clear or Tint DEFAULT)	7b. (Clear) 471.6 ft²	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=5.0, 242.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 80.0 gallons
a. Frame, Wood, Exterior	R=13.0, 1778.4 ft²		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 286.0 ft²	b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	PT,
a. Under Attic	R=30.0, 2900.0 ft²	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 55.0 ft		
b. N/A			

Glass/Floor Area: 0.17

Total as-built points: 32412

Total base points: 36353

PASS

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

PREPARED BY: _____

DATE: 9.22.08

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: , Sub: The Preserves, Plat: , Lake City, FL, 32025-** 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	2818.0	18.59	9430.0	1.Double, Clear	N	3.8	11.0	42.0	19.20	0.89	720.0
				2.Double, Clear	N	7.2	11.0	80.0	19.20	0.78	1201.0
				3.Double, Clear	W	4.5	11.0	15.0	38.52	0.79	458.0
				4.Double, Clear	N	1.5	11.0	20.0	19.20	0.99	378.0
				5.Double, Clear	NW	1.5	9.0	6.7	25.97	0.97	168.0
				6.Double, Clear	N	1.5	9.0	16.0	19.20	0.98	299.0
				7.Double, Clear	NE	1.5	9.0	6.7	29.56	0.97	191.0
				8.Double, Clear	E	1.5	9.0	6.0	42.06	0.97	244.0
				9.Double, Clear	E	1.5	9.0	30.0	42.06	0.97	1223.0
				10.Double, Clear	S	6.8	9.0	15.0	35.87	0.56	302.0
				11.Double, Clear	S	6.8	9.0	6.0	35.87	0.56	121.0
				12.Double, Clear	S	6.8	9.0	13.3	35.87	0.56	269.0
				13.Double, Clear	S	1.5	11.0	16.7	35.87	0.97	581.0
				14.Double, Clear	S	1.5	11.0	15.0	35.87	0.97	523.0
				15.Double, Clear	S	1.5	11.0	5.6	35.87	0.97	194.0
				16.Double, Clear	S	1.5	11.0	8.0	35.87	0.97	279.0
				17.Double, Clear	W	1.5	11.0	21.0	38.52	0.99	797.0
				18.Double, Clear	W	1.5	11.0	84.0	38.52	0.99	3190.0
				19.Double, Clear	S	1.5	8.0	30.0	35.87	0.92	993.0
				20.Double, Clear	S	1.5	8.0	16.7	35.87	0.92	552.0
				21.Double, Clear	S	1.5	8.0	18.0	35.87	0.92	596.0
				As-Built Total:				**471.6**			**13279.0**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	286.0	0.70	200.2	1. Frame, Wood, Exterior	13.0	1778.4	1.50	2667.6
Exterior	1778.4	1.70	3023.3	2. Frame, Wood, Adjacent	13.0	286.0	0.60	171.6
Base Total:	**2064.4**		**3223.5**	**As-Built Total:**		**2064.4**		**2839.2**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	1.Exterior Insulated	20.0	4.10	82.0
Exterior	20.0	6.10	122.0	2.Adjacent Insulated	20.0	1.60	32.0
Base Total:	**40.0**		**170.0**	**As-Built Total:**	**40.0**		**114.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	2818.0	1.73	4875.1	1. Under Attic	30.0	2900.0	1.73 X 1.00	5017.0
Base Total:	**2818.0**		**4875.1**	**As-Built Total:**		**2900.0**		**5017.0**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT				
FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	242.0(p)	-37.0	-8954.0	1. Slab-On-Grade Edge Insulation	5.0	242.0(p	-36.20	-8760.4
Raised	0.0	0.00	0.0					
Base Total:			**-8954.0**	**As-Built Total:**		**242.0**		**-8760.4**
INFILTRATION	Area X	BSPM	= Points			Area X	SPM	= Points
	2818.0	10.21	28771.8			2818.0	10.21	28771.8
Summer Base Points: 37516.4				**Summer As-Built Points:**				**41260.6**
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 59000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)				
37516.4	**0.3250**	**12192.8**		41261 **41260.6**	1.00 **1.00**	(1.09 x 1.000 x 1.00) **1.090**	0.260 **0.260**	0.950 **0.950** 11108.6 **11108.6**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025-** 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	2818.0	20.17	10231.0	1.Double, Clear	N	3.8	11.0	42.0	24.58	1.01	1037.0	
				2.Double, Clear	N	7.2	11.0	80.0	24.58	1.01	1991.0	
				3.Double, Clear	W	4.5	11.0	15.0	20.73	1.06	330.0	
				4.Double, Clear	N	1.5	11.0	20.0	24.58	1.00	491.0	
				5.Double, Clear	NW	1.5	9.0	6.7	24.30	1.00	162.0	
				6.Double, Clear	N	1.5	9.0	16.0	24.58	1.00	393.0	
				7.Double, Clear	NE	1.5	9.0	6.7	23.57	1.00	157.0	
				8.Double, Clear	E	1.5	9.0	6.0	18.79	1.02	114.0	
				9.Double, Clear	E	1.5	9.0	30.0	18.79	1.02	572.0	
				10.Double, Clear	S	6.8	9.0	15.0	13.30	2.29	456.0	
				11.Double, Clear	S	6.8	9.0	6.0	13.30	2.29	182.0	
				12.Double, Clear	S	6.8	9.0	13.3	13.30	2.29	405.0	
				13.Double, Clear	S	1.5	11.0	16.7	13.30	1.00	222.0	
				14.Double, Clear	S	1.5	11.0	15.0	13.30	1.00	200.0	
				15.Double, Clear	S	1.5	11.0	5.6	13.30	1.00	74.0	
				16.Double, Clear	S	1.5	11.0	8.0	13.30	1.00	106.0	
				17.Double, Clear	W	1.5	11.0	21.0	20.73	1.00	437.0	
				18.Double, Clear	W	1.5	11.0	84.0	20.73	1.00	1748.0	
				19.Double, Clear	S	1.5	8.0	30.0	13.30	1.04	415.0	
				20.Double, Clear	S	1.5	8.0	16.7	13.30	1.04	230.0	
				21.Double, Clear	S	1.5	8.0	18.0	13.30	1.04	249.0	
				As-Built Total:				**471.6**			**9971.0**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	286.0	3.60	1029.6	1. Frame, Wood, Exterior	13.0	1778.4	3.40	6046.6
Exterior	1778.4	3.70	6580.1	2. Frame, Wood, Adjacent	13.0	286.0	3.30	943.8
Base Total:	**2064.4**		**7609.7**	**As-Built Total:**		**2064.4**		**6990.4**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	230.0	1.Exterior Insulated	20.0	8.40	168.0
Exterior	20.0	12.30	246.0	2.Adjacent Insulated	20.0	8.00	160.0
Base Total:	**40.0**		**476.0**	**As-Built Total:**	**40.0**		**328.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	2818.0	2.05	5776.9	1. Under Attic	30.0	2900.0	2.05 X 1.00	5945.0
Base Total:	**2818.0**		**5776.9**	**As-Built Total:**		**2900.0**		**5945.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT					
FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	=	Points
Slab	242.0(p)	8.9	2153.8	1. Slab-On-Grade Edge Insulation	5.0	242.0(p	7.60		1839.2
Raised	0.0	0.00	0.0						
Base Total:			**2153.8**	**As-Built Total:**		**242.0**			**1839.2**
INFILTRATION	Area X	BWPM	= Points			Area X	WPM	=	Points
	2818.0	-0.59	-1662.6			2818.0	-0.59		-1662.6
Winter Base Points:			**24584.8**	**Winter As-Built Points:**					**23410.9**
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 59000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
24584.8	**0.5540**		**13620.0**	23410.9 **23410.9**	1.000 **1.00**	(1.069 x 1.000 x 1.00) **1.069**	0.443 **0.443**	0.950 **0.950**	10528.9 **10528.9**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
4	2635.00	10540.0		80.0	0.90	4	1.00	2693.56	1.00	10774.2	
				As-Built Total:						**10774.2**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
12193	**13620**	**10540**	**36353**	**11109**	**10529**	**10774**	**32412**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.5

The higher the score, the more efficient the home.

Model Home, Lot: , Sub: The Preserves, Plat: , Lake City, FL, 32025-

1. New construction or existing	New	
2. Single family or multi-family	Single family	
3. Number of units, if multi-family	1	
4. Number of Bedrooms	4	
5. Is this a worst case?	No	
6. Conditioned floor area (ft²)	2818 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) 471.6 ft²	
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 471.6 ft²	
8. Floor types		
a. Slab-On-Grade Edge Insulation	R=5.0, 242.0(p) ft	
b. N/A		
c. N/A		
9. Wall types		
a. Frame, Wood, Exterior	R=13.0, 1778.4 ft²	
b. Frame, Wood, Adjacent	R=13.0, 286.0 ft²	
c. N/A		
d. N/A		
e. N/A		
10. Ceiling types		
a. Under Attic	R=30.0, 2900.0 ft²	
b. N/A		
c. N/A		
11. Ducts(Leak Free)		
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 55.0 ft	
b. N/A		
12. Cooling systems		
a. Central Unit	Cap: 59.0 kBtu/hr SEER: 13.00	
b. N/A		
c. N/A		
13. Heating systems		
a. Electric Heat Pump	Cap: 59.0 kBtu/hr HSPF: 7.70	
b. N/A		
c. N/A		
14. Hot water systems		
a. Electric Resistance	Cap: 80.0 gallons EF: 0.90	
b. N/A		
c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT,	

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.

Energy Code Compliance

Duct System Performance Report

Project Name:	Venture Point LLC - Preserves Model Center	Builder:	Aaron Simque Homes
Address:		Permitting Office:	
City, State:	Lake City, FL 32025-	Permit Number:	
Owner:	Model Home	Jurisdiction Number:	
Climate Zone:	North		

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	**Total House Duct System Leakage**	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ **(Q_n,tot)** ☐ **Receive credit if Q_n,tot≤ 0.03**	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ **(Q_n,out)** ☐ **Receive credit if Q_n,out≤ 0.03 AND Q_n,tot≤ 0.09**

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____

Printed Name: _____

Florida Rater Certification #: _____

DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: http://energygauge.com/search.htp

BUILDING OFFICIAL: _____

DATE: _____

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.

27434

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB109476 Company Phone No. 386-755-3611 • 352-494-5751
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Westfield Construction Group Company Phone No. 867-3534

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 471 SW Rosemary Dr.
The Preserves @ Laurel Lake Lake City, FL 32024
Lot # 110
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 1' Inside 1' Type of Fill Sand

Section 4: Treatment Information

Date(s) of Treatment(s) 10/29/08
Brand Name of Product(s) Used Biten XTS
EPA Registration No. 53883-189
Approximate Final Mix Solution % .06%
Approximate Size of Treatment Area: Sq. ft. 3599 Linear ft. / Linear ft. of Masonry Voids
Approximate Total Gallons of Solution Applied 2793 sf — 560 gals.
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

Name of Applicator(s) S. Gregory Certification No. (if required by State law) JF104376

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

Authorized Signature Shannon Gregory Date 10/29/08

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)

Cal-Tech Testing, Inc.
FOUNDATIONS • ASPHALT • SOILS • CONCRETE
ENGINEERING • GEOTECHNICAL • ENVIRONMENTAL

CAL-TECH TESTING, INC.

ENGINEERING & TESTING LABORATORY

P.O. Box 1625, Lake City, FL 32056-1625
4784 Rosselle St. • Jacksonville, FL 32254
2230 Greensboro Hwy., Quincy, FL 32351

Lake City • (386) 755-3633
Fax • (386) 752-5456

Jacksonville • (904) 381-8901
Fax • (904) 381-8902

Quincy • (850) 442-3495
Fax • (850) 442-4008

JOB NO.: 08529
DATE TESTED: 10-21-08

REPORT OF IN-PLACE DENSITY TEST 27434

ASTM METHOD: ✓ (D-2922) Nuclear _____ (D-2937) Drive Cylinder _____ Other

PROJECT: The Preserves - Lot #110

CLIENT: Aaron Simard

GENERAL CONTRACTOR: Smc EARTHWORK CONTRACTOR: Smc

SOIL USE (SEE NOTE): (1) Footing SPECIFICATION REQUIREMENTS: 95%

TECHNICIAN: Phelps

MODIFIED (ASTM D-1557): ✓ STANDARD (ASTM D-698): _____

TEST NO.	TEST LOCATION	TEST: ___DEPTH ___ELEV. ___LIFT	PROCTOR NO.	WET DENS. LBS.CU.FT.	DRY DENS. LBS.CU.FT.	MOIST PERCENT	% MAX. DENS.
1	20' N & SE Corner (Footing)	12"	(*)	108.7	102.0	6.6	95.3
2	25' N & SW Corner (Footing)	12"	(*)	109.1	101.7	7.3	95.0
3	15' W & NE Corner (Footing)	12"	(*)	109.0	101.9	7.0	95.2

REMARKS: _____

PROCTOR NO.	SOIL DESCRIPTION	PROCTOR VALUE	OPT. MOIST.
(*)	Dan Rigotti Pit #2 Proctor	107.0	11.2

NOTE: 1. Building Fill 2. Trench Backfill 3. Base Course 4. Subbase/Stabilized Subgrade 5. Embankment 6. Subgrade/Natural Soil 7. Other

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 03-4S-16-02731-110 **Building permit No.** 000027434

Use Classification SFD/UTILITY **Fire:** 77.00

Permit Holder AARON SIMQUE **Waste:** 201.00

Owner of Building WESTFIELD CONSTRUCTION GROUP **Total:** 278.00

Location: 471 SW ROSEMARY DRIVE., LAKE CITY, FL

Date: 10/23/2009

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

AARON SIMQUE
HOMES, INC.

426 SW Commerce Drive ste 130, Lake City, FL 32025

I, Aaron Simque hereby certify that Aaron Nickelson is authorized to pick up permits and certificates of occupancy on my behalf.

Sign on the 23rd Day of October, 2009

Aaron Simque / President

27434

Daniel & Gore, LLC
Professional Surveying and Mapping
P.O. Box 1501
Lake City, Florida 32056

April 20, 2009

Aaron Simque Homes
PO Box 2183
Lake City, FL 32056

Subject: Lot 110 Preserve at Laurel Lakes Elevation Letter

Dear Mr. Simque:

We have performed a vertical survey on Lot 110, Preserve at Laurel Lakes, Columbia County, Florida from a benchmark being a 60d nail at the common lot line between Lots 8 & 9 (elevation – 116.12', NGVD 1929) and have determined the following:

- The Subdivision plat requires the minimum finish floor elevation to be 116.6'.
- The finish floor elevation of the residence is at 117.1', being 0.5 feet above the minimum finish floor requirement.

If you have any questions, please call me.

Sincerely,

Scott Daniel, PSM

Scott Daniel, PSM • Cell: (386) 208-4176 • E-mail: sdaniel@dgsurveying.com
David Gore • Cell: (386) 365-0298 • E-mail: dgore@dgsurveying.com
Fax: (904) 339-9229

Residential System Sizing Calculation

Summary

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

9/22/2008

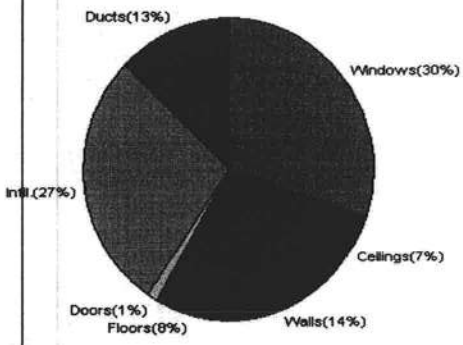
Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)

Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**49873**	**Btuh**	**Total cooling load calculation**	**61602**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	118.3	59000	Sensible (SHR = 0.75)	91.6	44250
Heat Pump + Auxiliary(0.0kW)	118.3	59000	Latent	110.9	14750
			Total (Electric Heat Pump)	95.8	59000

WINTER CALCULATIONS

Winter Heating Load (for 2818 sqft)

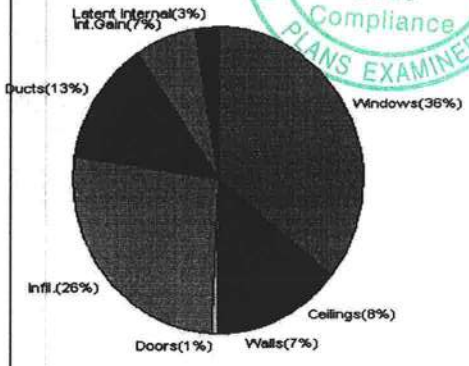
Load component			Load	
Window total	472	sqft	15180	Btuh
Wall total	2064	sqft	6780	Btuh
Door total	40	sqft	518	Btuh
Ceiling total	2900	sqft	3417	Btuh
Floor total	242	sqft	3958	Btuh
Infiltration	338	cfm	13698	Btuh
Duct loss			6323	Btuh
Subtotal			**49873**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**49873**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2818 sqft)

Load component			Load	
Window total	472	sqft	22047	Btuh
Wall total	2064	sqft	4141	Btuh
Door total	40	sqft	392	Btuh
Ceiling total	2900	sqft	4803	Btuh
Floor total			0	Btuh
Infiltration	296	cfm	5507	Btuh
Internal gain			4240	Btuh
Duct gain			7178	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**48307**	**Btuh**
Latent gain(ducts)			882	Btuh
Latent gain(infiltration)			10813	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1600	Btuh
Total latent gain			**13295**	**Btuh**
TOTAL HEAT GAIN			**61602**	**Btuh**



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Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY:
DATE: 9.22.08

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Model Home

Lake City, FL 32025-.

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

9/22/2008

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	N	42.0		32.2	1352 Btuh
2	2, Clear, Metal, 0.87	N	80.0		32.2	2575 Btuh
3	2, Clear, Metal, 0.87	W	15.0		32.2	483 Btuh
4	2, Clear, Metal, 0.87	N	20.0		32.2	644 Btuh
5	2, Clear, Metal, 0.87	NW	6.7		32.2	215 Btuh
6	2, Clear, Metal, 0.87	N	16.0		32.2	515 Btuh
7	2, Clear, Metal, 0.87	NE	6.7		32.2	215 Btuh
8	2, Clear, Metal, 0.87	E	6.0		32.2	193 Btuh
9	2, Clear, Metal, 0.87	E	30.0		32.2	966 Btuh
10	2, Clear, Metal, 0.87	S	15.0		32.2	483 Btuh
11	2, Clear, Metal, 0.87	S	6.0		32.2	193 Btuh
12	2, Clear, Metal, 0.87	S	13.3		32.2	429 Btuh
13	2, Clear, Metal, 0.87	S	16.7		32.2	537 Btuh
14	2, Clear, Metal, 0.87	S	15.0		32.2	483 Btuh
15	2, Clear, Metal, 0.87	S	5.6		32.2	179 Btuh
16	2, Clear, Metal, 0.87	S	8.0		32.2	258 Btuh
17	2, Clear, Metal, 0.87	W	21.0		32.2	676 Btuh
18	2, Clear, Metal, 0.87	W	84.0		32.2	2704 Btuh
19	2, Clear, Metal, 0.87	S	30.0		32.2	966 Btuh
20	2, Clear, Metal, 0.87	S	16.7		32.2	537 Btuh
21	2, Clear, Metal, 0.87	S	18.0		32.2	579 Btuh
	Window Total		472(sqft)			15180 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1778		3.3	5840 Btuh
2	Frame - Wood - Adj(0.09)	13.0	286		3.3	939 Btuh
	Wall Total		2064			6780 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		20		12.9	259 Btuh
2	Insulated - Adjacent		20		12.9	259 Btuh
	Door Total		40			518Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2900		1.2	3417 Btuh
	Ceiling Total		2900			3417Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	5	242.0	ft(p)	16.4	3958 Btuh
	Floor Total		242			3958 Btuh
			Envelope Subtotal:			29852 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=	
	Natural	0.80	25362	2064	338.2	13698 Btuh
Ductload					(DLM of 0.145)	6323 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

9/22/2008

All Zones	**Sensible Subtotal All Zones**	**49873 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	49873 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	49873 Btuh

EQUIPMENT

1. Electric Heat Pump	#	59000 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)

Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Model Home
Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

9/22/2008

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	N	42.0	32.2	1352 Btuh
2	2, Clear, Metal, 0.87	N	80.0	32.2	2575 Btuh
3	2, Clear, Metal, 0.87	W	15.0	32.2	483 Btuh
4	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
5	2, Clear, Metal, 0.87	NW	6.7	32.2	215 Btuh
6	2, Clear, Metal, 0.87	N	16.0	32.2	515 Btuh
7	2, Clear, Metal, 0.87	NE	6.7	32.2	215 Btuh
8	2, Clear, Metal, 0.87	E	6.0	32.2	193 Btuh
9	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	S	15.0	32.2	483 Btuh
11	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
12	2, Clear, Metal, 0.87	S	13.3	32.2	429 Btuh
13	2, Clear, Metal, 0.87	S	16.7	32.2	537 Btuh
14	2, Clear, Metal, 0.87	S	15.0	32.2	483 Btuh
15	2, Clear, Metal, 0.87	S	5.6	32.2	179 Btuh
16	2, Clear, Metal, 0.87	S	8.0	32.2	258 Btuh
17	2, Clear, Metal, 0.87	W	21.0	32.2	676 Btuh
18	2, Clear, Metal, 0.87	W	84.0	32.2	2704 Btuh
19	2, Clear, Metal, 0.87	S	30.0	32.2	966 Btuh
20	2, Clear, Metal, 0.87	S	16.7	32.2	537 Btuh
21	2, Clear, Metal, 0.87	S	18.0	32.2	579 Btuh
	Window Total		472(sqft)		15180 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1778	3.3	5840 Btuh
2	Frame - Wood - Adj(0.09)	13.0	286	3.3	939 Btuh
	Wall Total		2064		6780 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		20	12.9	259 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		40		518Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	2900	1.2	3417 Btuh
	Ceiling Total		2900		3417Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	242.0 ft(p)	16.4	3958 Btuh
	Floor Total		242		3958 Btuh
			Zone Envelope Subtotal:		29852 Btuh
Infiltration	Type	ACH X	Volume(cuft) walls(sqft)	CFM=	
	Natural	0.80	25362 2064	338.2	13698 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DLM of 0.145)	6323 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

9/22/2008

Zone #1	**Sensible Zone Subtotal**	**49873 Btuh**

WHOLE HOUSE TOTALS

	Subtotal Sensible	49873 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	49873 Btuh

EQUIPMENT

1. Electric Heat Pump	#	59000 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)

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System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 9/22/2008

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	N	3.83	11ft.	42.0	0.0	42.0	29	29	1216 Btuh
2	2, Clear, 0.87, None,N,N	N	7.16	11ft.	80.0	0.0	80.0	29	29	2317 Btuh
3	2, Clear, 0.87, None,N,N	W	4.5ft	11ft.	15.0	0.0	15.0	29	80	1193 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft	11ft.	20.0	0.0	20.0	29	29	579 Btuh
5	2, Clear, 0.87, None,N,N	NW	1.5ft	9ft.	6.7	0.0	6.7	29	60	400 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	16.0	0.0	16.0	29	29	463 Btuh
7	2, Clear, 0.87, None,N,N	NE	1.5ft	9ft.	6.7	0.0	6.7	29	60	400 Btuh
8	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	6.0	0.0	6.0	29	80	477 Btuh
9	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385 Btuh
10	2, Clear, 0.87, None,N,N	S	6.83	9ft.	15.0	15.0	0.0	29	34	434 Btuh
11	2, Clear, 0.87, None,N,N	S	6.83	9ft.	6.0	6.0	0.0	29	34	174 Btuh
12	2, Clear, 0.87, None,N,N	S	6.83	9ft.	13.3	13.3	0.0	29	34	386 Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	16.7	11.7	5.0	29	34	506 Btuh
14	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	15.0	10.5	4.5	29	34	455 Btuh
15	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	5.6	0.6	5.0	29	34	184 Btuh
16	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	8.0	3.5	4.5	29	34	253 Btuh
17	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	21.0	0.0	21.0	29	80	1670 Btuh
18	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	84.0	0.0	84.0	29	80	6679 Btuh
19	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	29	34	869 Btuh
20	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	16.7	16.7	0.0	29	34	483 Btuh
21	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	18.0	18.0	0.0	29	34	521 Btuh
	Window Total				472 (sqft)					22047 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1778.4	2.1	3709 Btuh
2	Frame - Wood - Adj	13.0/0.09	286.0	1.5	432 Btuh
	Wall Total		2064 (sqft)		4141 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	40 (sqft)		392 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2900.0	1.7	4803 Btuh
	Ceiling Total		2900 (sqft)		4803 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	242 (ft(p))	0.0	0 Btuh
	Floor Total		242.0 (sqft)		0 Btuh

			Envelope Subtotal:		31382 Btuh
Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM= Load
	SensibleNatural	0.70	25362	2064	338.2 5507 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance Load
		8	X 230	+	2400 4240 Btuh
			Sensible Envelope Load:		41129 Btuh
Duct load			(DGM of 0.175)		7178 Btuh
			Sensible Load All Zones		**48307 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

9/22/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**41129 Btuh**
	Sensible Duct Load	7178 Btuh
	Total Sensible Zone Loads	**48307 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**48307 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	10813 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	882 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**13295 Btuh**
	TOTAL GAIN	**61602 Btuh**

EQUIPMENT

1. Central Unit	#	59000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(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(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 9/22/2008

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, None,N,N	N	3.83	11ft.	42.0	0.0	42.0	29	29	1216 Btuh
2	2, Clear, 0.87, None,N,N	N	7.16	11ft.	80.0	0.0	80.0	29	29	2317 Btuh
3	2, Clear, 0.87, None,N,N	W	4.5ft	11ft.	15.0	0.0	15.0	29	80	1193 Btuh
4	2, Clear, 0.87, None,N,N	N	1.5ft	11ft.	20.0	0.0	20.0	29	29	579 Btuh
5	2, Clear, 0.87, None,N,N	NW	1.5ft	9ft.	6.7	0.0	6.7	29	60	400 Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	9ft.	16.0	0.0	16.0	29	29	463 Btuh
7	2, Clear, 0.87, None,N,N	NE	1.5ft	9ft.	6.7	0.0	6.7	29	60	400 Btuh
8	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	6.0	0.0	6.0	29	80	477 Btuh
9	2, Clear, 0.87, None,N,N	E	1.5ft	9ft.	30.0	0.0	30.0	29	80	2385 Btuh
10	2, Clear, 0.87, None,N,N	S	6.83	9ft.	15.0	15.0	0.0	29	34	434 Btuh
11	2, Clear, 0.87, None,N,N	S	6.83	9ft.	6.0	6.0	0.0	29	34	174 Btuh
12	2, Clear, 0.87, None,N,N	S	6.83	9ft.	13.3	13.3	0.0	29	34	386 Btuh
13	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	16.7	11.7	5.0	29	34	506 Btuh
14	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	15.0	10.5	4.5	29	34	455 Btuh
15	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	5.6	0.6	5.0	29	34	184 Btuh
16	2, Clear, 0.87, None,N,N	S	1.5ft	11ft.	8.0	3.5	4.5	29	34	253 Btuh
17	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	21.0	0.0	21.0	29	80	1670 Btuh
18	2, Clear, 0.87, None,N,N	W	1.5ft	11ft.	84.0	0.0	84.0	29	80	6679 Btuh
19	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	30.0	30.0	0.0	29	34	869 Btuh
20	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	16.7	16.7	0.0	29	34	483 Btuh
21	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	18.0	18.0	0.0	29	34	521 Btuh
	Window Total				472 (sqft)					22047 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	1778.4	2.1	3709 Btuh
2	Frame - Wood - Adj	13.0/0.09	286.0	1.5	432 Btuh
	Wall Total		2064 (sqft)		4141 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	9.8	196 Btuh
2	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	40 (sqft)		392 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/DarkShingle	30.0	2900.0	1.7	4803 Btuh
	Ceiling Total		2900 (sqft)		4803 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	5.0	242 (ft(p))	0.0	0 Btuh
	Floor Total		242.0 (sqft)		0 Btuh

			Zone Envelope Subtotal:		31382 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.70	25362	2064	295.9	5507 Btuh

Internal gain		Occupants	Btuh/occupant		Appliance	Load
		8	X 230	+	2400	4240 Btuh

		Sensible Envelope Load:		41129 Btuh

Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)	(DGM of 0.175)	7178 Btuh
		Sensible Zone Load	**48307 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

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Professional Version
Climate: North

9/22/2008

Manual J Summer Calculations

Residential Load - Component Details (continued)

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

Code Only
Professional Version
Climate: North

9/22/2008

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**41129 Btuh**
	Sensible Duct Load	7178 Btuh
	Total Sensible Zone Loads	**48307 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**48307 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	10813 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	882 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**13295 Btuh**
	TOTAL GAIN	**61602 Btuh**

EQUIPMENT

1. Central Unit	#	59000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(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(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Model Home

Lake City, FL 32025-

Project Title:
Venture Point LLC - Preserves Model Center

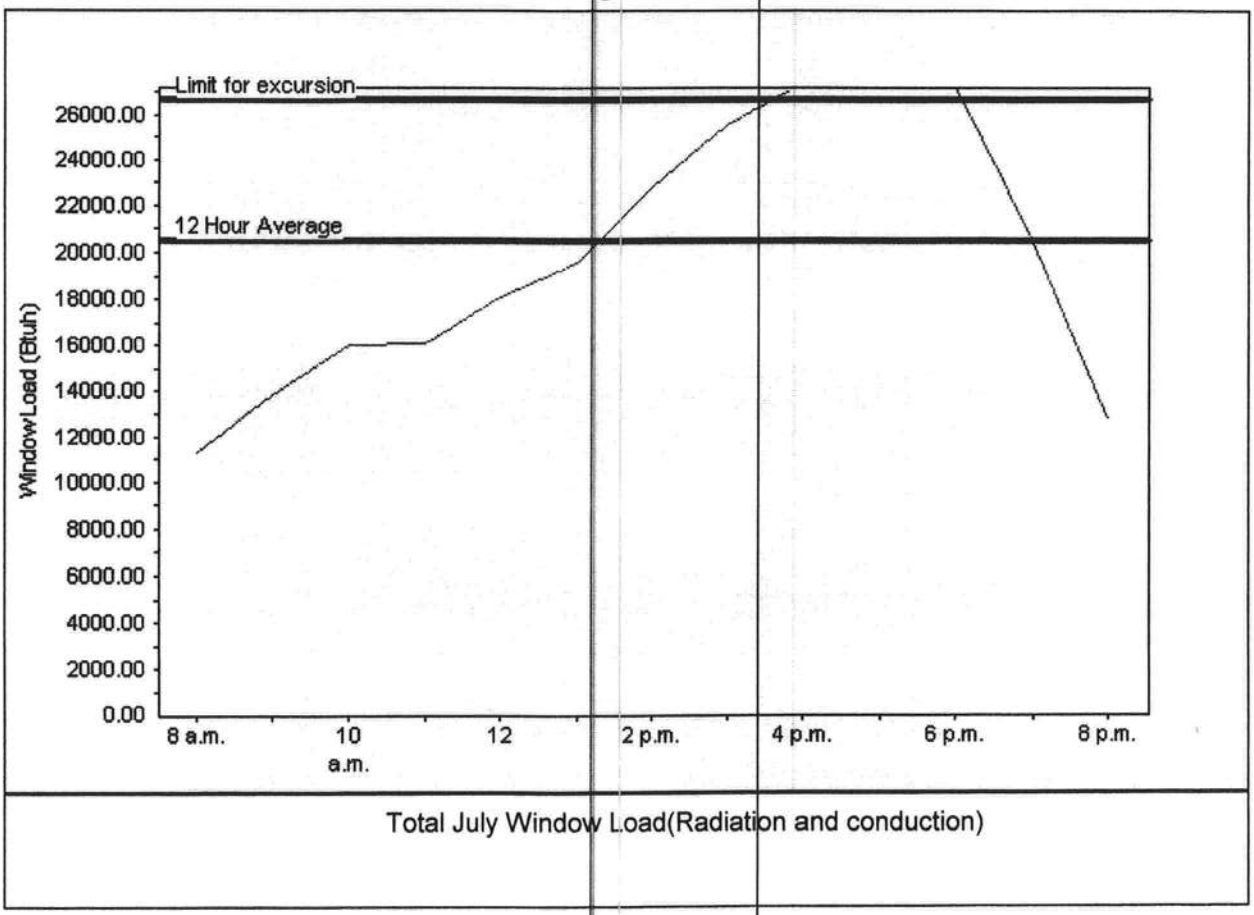
Code Only
Professional Version
Climate: North

9/22/2008

Weather data for: Gainesville - Defaults

Summer design temperature	92	F	Average window load for July	20491	Btu
Summer setpoint	75	F	Peak window load for July	27564	Btu
Summer temperature difference	17	F	Excusion limit(130% of Ave.)	26638	Btu
Latitude	29	North	Window excursion (July)	926	Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

Lot 110 Preserve at Laurel Lake

PRODUCT APPROVAL SPECIFICATION SHEET

Location: **Project Name:**

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	Mayfair	Entry Doors	FL 1311
2. Sliding			
3. Sectional			
4. Roll up	General American	Garage door	FL 2868
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	Danvid	Single hung windows	FL 1369
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass -through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	James Hardie	hardiboard Siding	FL 889-R1
2. Soffits	Ashley	Aluminum	FL 406
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	Tamko	30-year shingles - asphalt	FL 673
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			

COLLIER COUNTY BUILDING DEPARTMENT Received FILE COPY Code Compliance PLANS EXAMINER

ory/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

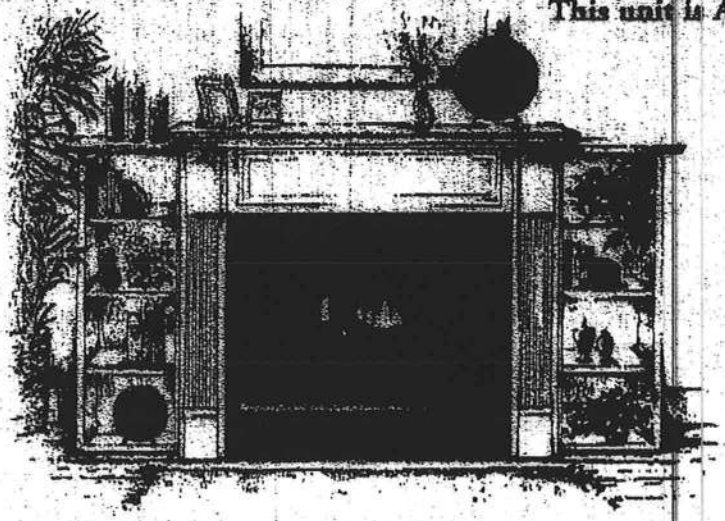
I understand these products may have to be removed if approval cannot be demonstrated during inspectic

Melanie Rader
Contractor or Contractor's Authorized Agent Signature

Melanie Rader 10-08-08
Print Name Date

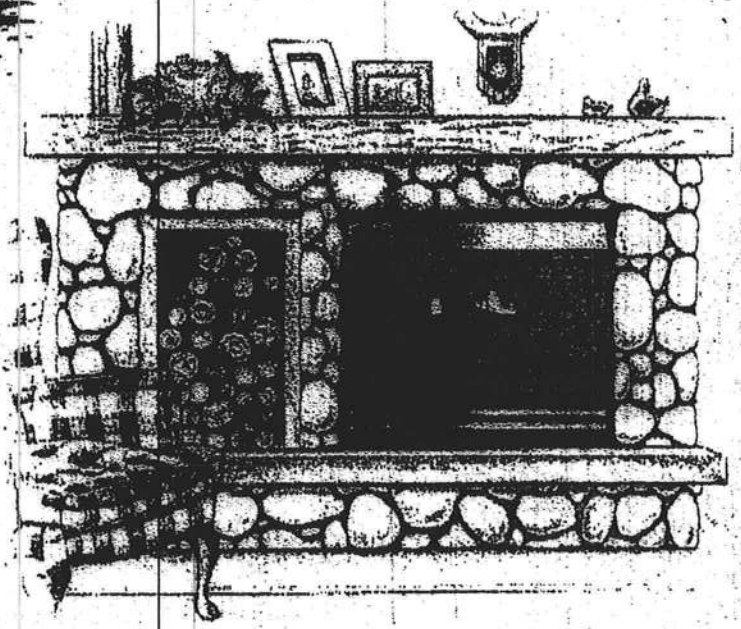
VENT-FREE

This unit is A.G.A. certified as a heater with 99% heat efficiency
No chimney or flue system required
Wide selection of factory installed options offered



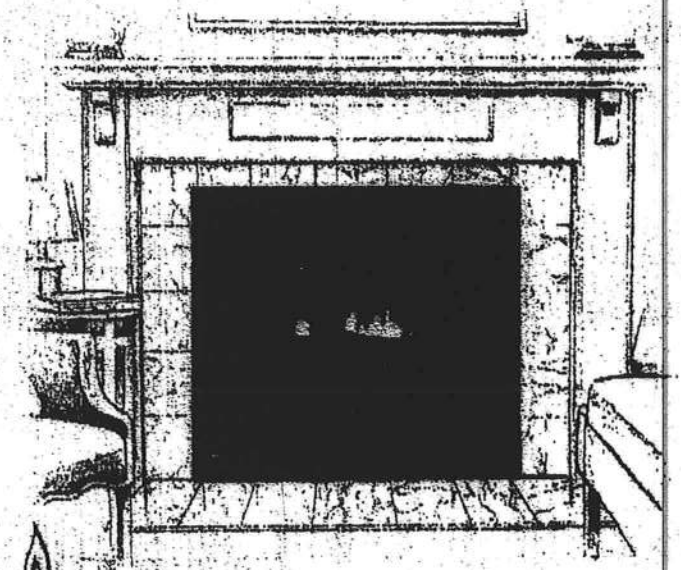
VF-4000

- 14,000 – 25,000 Btu/hr with manual control valve
- 19,500 – 25,000 Btu/hr with millivolt control valve
- Fully assembled and ready to install
- Attractive wood surrounds available
- 15" x 30" fixed or operable screen opening



VF-5000

- 25,000 Btu/hr millivolt variable heat output
- 15" X 30" glass or screen viewing area
- Clean burning, safe and easy to install
- Realistic charred oak logs with glowing embers



VF-6000

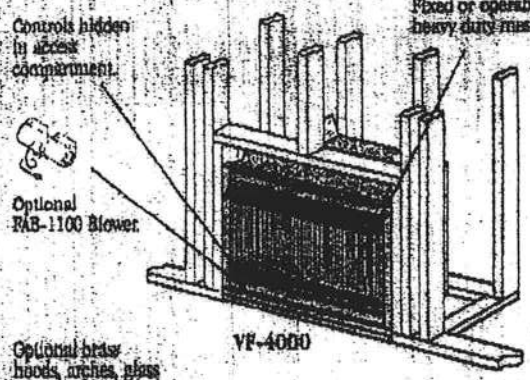
- 32,000 Btu/hr millivolt variable heat output
- Beautiful 20" X 34" glass or screen viewing area
- Will operate during a power failure
- Designed for large rooms

GAS

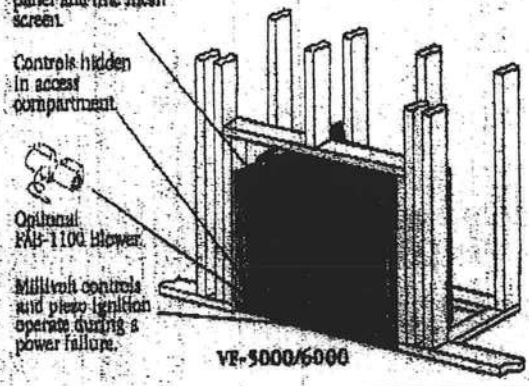
SUPERIOR

VF-4000/5000/6000

VF-6000 shown



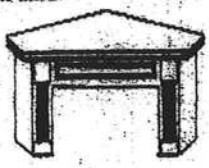
VF-4000



VF-5000/6000

SURROUNDS

The Charleston Poplar Surround is hand crafted using a combination of solid Poplar and Poplar veneer. Using the unique wood type of Poplar allows you the option to paint or stain this elegantly detailed surround. The surround is constructed using easy to assemble cam locks, and available in corner and wall units.



Distributed by:

Refractory tan brick panels

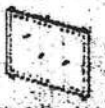
Gas flex liner kit.

Square brass trim kit.

Brass Louver Kit (For VF-4 only)

Screen panel kit. (For VF-5 & VF6 only)

Arch kit. (For VF-5 & VF6 only)



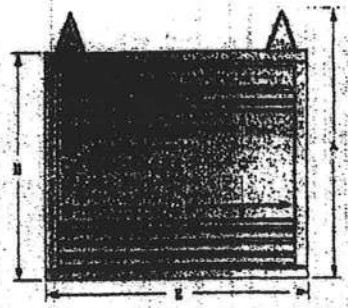
Glass door kit. (For VF-5 & VF6 only)

Brass hood. (For VF-5 & VF6 only)

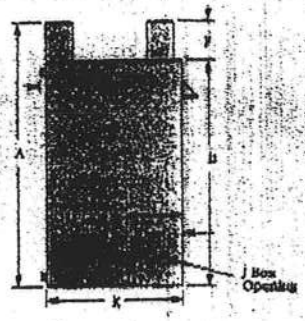
Wall switch or optional wireless remote available. (For VF-4MV, VF-5 & VF-6)

Wall thermostat (For VF-4MV, VF-5 & VF-6)

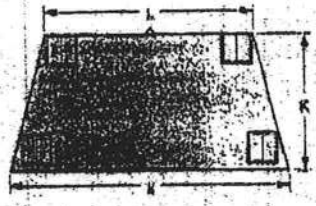
Front View



Left Side View



Top View



Vent-Free Product Dimensions

	VF-4000/5000C	VF-6000C
A		42-1/8"
B	31-1/2"	36-5/8"
C		20"
D	30"	34"
E		40"
F	5-1/2"	5-1/2"
G		1/2"
H	3-3/4"	3-3/4"
I		8-1/2"
J	5"	5"
K		19-1/8"
L	27"	28-1/2"

Btu Chart

Model	Natural	Propane
VF-4000 manual	14,000 – 25,000	14,000 – 25,000
VF-4000/5000 millivolt	19,500 – 25,000	19,500 – 25,000
VF-6000	25,000 – 32,000	25,000 – 32,000

Framing Dimension

Model	Width	Height	Depth
VF-4000/5000	37"	37-1/4"	15-1/2"
VF-6000	41"	42-3/8"	19-1/2"

NOTE: Diagrams and illustrations are not to scale. Product designs, materials, dimensions, specifications, colors and prices subject to change or discontinuation without notice. Built to ANSI Z21.11.2 standard and approved by A.G.A. (report # 12970017).

Consult your distributor for local fireplace code information.

SUPERIOR

www.LennoxHearthProducts.com

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Lennox Hearth Products Direct-Vent heater rated gas appliances include a 20-year limited warranty.

P/N 904464 REV B 2/00

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TL28228Z0119092319

Truss Fabricator:	Anderson Truss Company
Job Identification:	8-231--Fill in later -- , **
Truss Count:	67
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.36, 8.03.
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

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR8228

Seal Date: 09/19/2008

-Truss Design Engineer-
Doug Fleming
Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-PIGBACKA-PIGBACKB-A11030EE-GBLLETIN-TCFILLER-BCFILLER-REPBCFIL-A11015EE-

#	Ref	Description	Drawing#	Date
1	93270	--EJ	08263066	09/19/08
2	93271	--C7	08263018	09/19/08
3	93272	--C6	08263019	09/19/08
4	93273	--C5	08263020	09/19/08
5	93274	--C4	08263021	09/19/08
6	93275	--C3	08263022	09/19/08
7	93276	--C2	08263023	09/19/08
8	93277	--C1	08263024	09/19/08
9	93278	--J1A	08263040	09/19/08
10	93279	--HJ7A	08263015	09/19/08
11	93280	--J2A	08263041	09/19/08
12	93281	--J3A	08263042	09/19/08
13	93282	--EJ5	08263043	09/19/08
14	93283	--B1	08263016	09/19/08
15	93284	--EJ51	08263025	09/19/08
16	93285	--EJ52	08263026	09/19/08
17	93286	--EJ53	08263027	09/19/08
18	93287	--CJ3	08263028	09/19/08
19	93288	--HJ7	08263017	09/19/08
20	93289	--CJ5	08263029	09/19/08
21	93290	--EJ7	08263030	09/19/08
22	93291	--J3	08263031	09/19/08
23	93292	--J1	08263032	09/19/08
24	93293	--EJ71	08263033	09/19/08
25	93294	--F	08263044	09/19/08
26	93295	--F1	08263062	09/19/08
27	93296	--F2	08263034	09/19/08
28	93297	--F3	08263035	09/19/08
29	93298	--PB14	08263063	09/19/08
30	93299	--M1	08263064	09/19/08
31	93300	--M	08263036	09/19/08
32	93301	--DGE	08263067	09/19/08
33	93302	--EGE	08263055	09/19/08
34	93303	--E	08263045	09/19/08
35	93304	--E1	08263037	09/19/08
36	93305	--E2	08263065	09/19/08

#	Ref	Description	Drawing#	Date
37	93306	--E3	08263046	09/19/08
38	93307	--E4	08263038	09/19/08
39	93308	--B2	08263039	09/19/08
40	93309	--B3	08263047	09/19/08
41	93310	--B4	08263048	09/19/08
42	93311	--PB7	08263049	09/19/08
43	93312	--PB8	08263050	09/19/08
44	93313	--PB9	08263051	09/19/08
45	93314	--PB11	08263052	09/19/08
46	93315	--PB12	08263053	09/19/08
47	93316	--FGE	08263056	09/19/08
48	93317	--A3	08263054	09/19/08
49	93318	--A2	08263001	09/19/08
50	93319	--A9	08263002	09/19/08
51	93320	--A8	08263003	09/19/08
52	93321	--A7	08263004	09/19/08
53	93322	--PB6	08263005	09/19/08
54	93323	--PB5	08263006	09/19/08
55	93324	--PB4	08263007	09/19/08
56	93325	--PB3	08263008	09/19/08
57	93326	--PB2	08263009	09/19/08
58	93327	--PB1	08263010	09/19/08
59	93328	--A4	08263011	09/19/08
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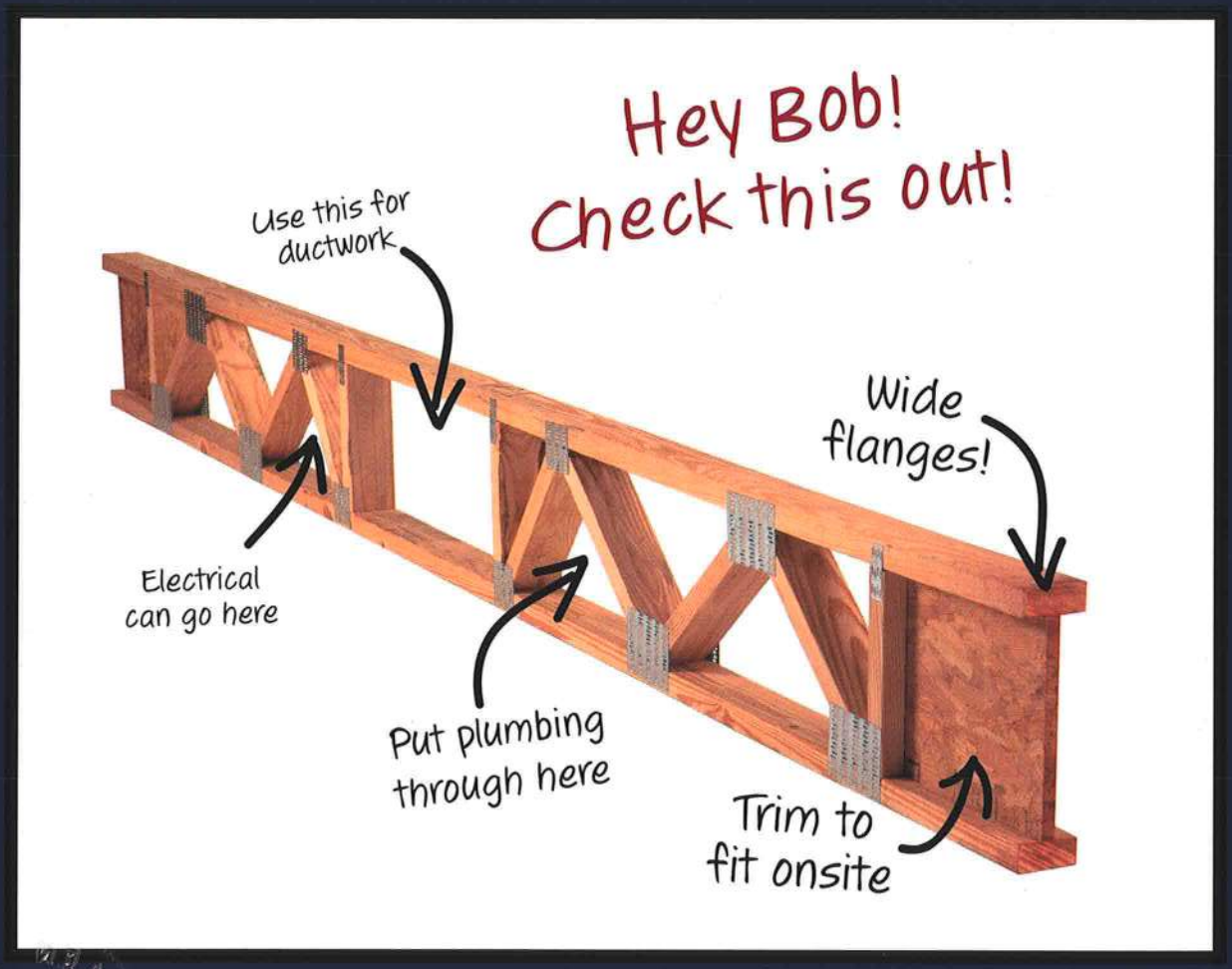
61	93330	--A6	08263013	09/19/08
62	93331	--PB13	08263014	09/19/08
63	93332	--B5G	08263057	09/19/08
64	93333	--CGE	08263058	09/19/08
65	93334	--L2	08263059	09/19/08
66	93335	--A1	08263060	09/19/08
67	93336	--L1G	08263061	09/19/08

TrimJoist



If Bob tries TrimJoist, he'll find out why TrimJoist is the best choice for floor truss products.

IT'S CONTRACTOR-FRIENDLY.
The end sections can be trimmed onsite.

IT SAVES MONEY AND TIME.
With strut-webbing, there's no need for subcontractors to cut holes.

IT'S STRONGER.
You don't weaken the joist with holes.

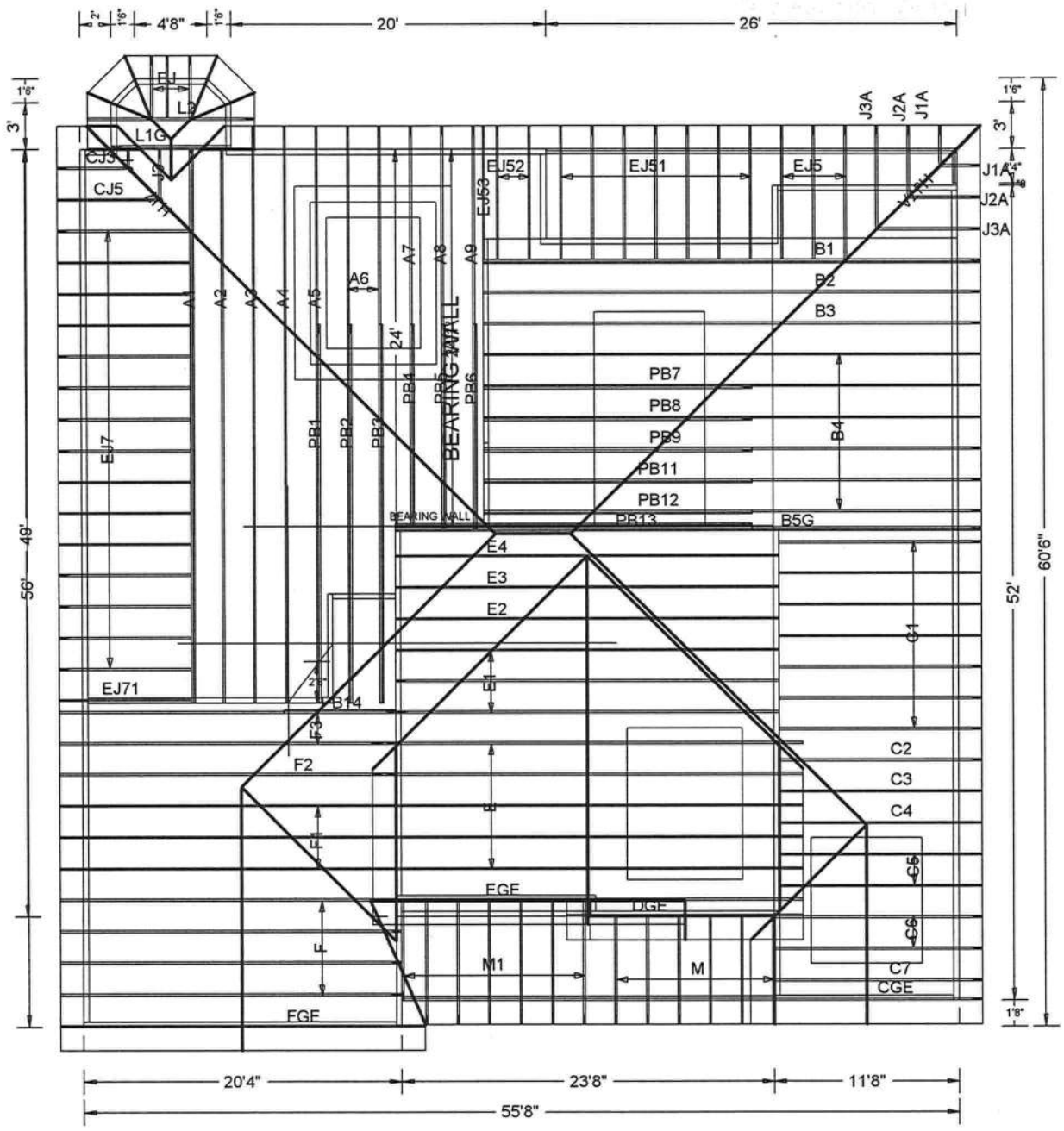
IT HAS WIDE FLANGES.
With 3.5-inch flanges on the top and bottom, subfloor application is simple. Nailing and gluing are easier.

IT COMES WITH A TEAM OF ENGINEERS.
Just call our toll-free number for custom engineering.

TrimJoist
ENGINEERED WOOD PRODUCTS

1 800 844-8281
www.trimjoist.com

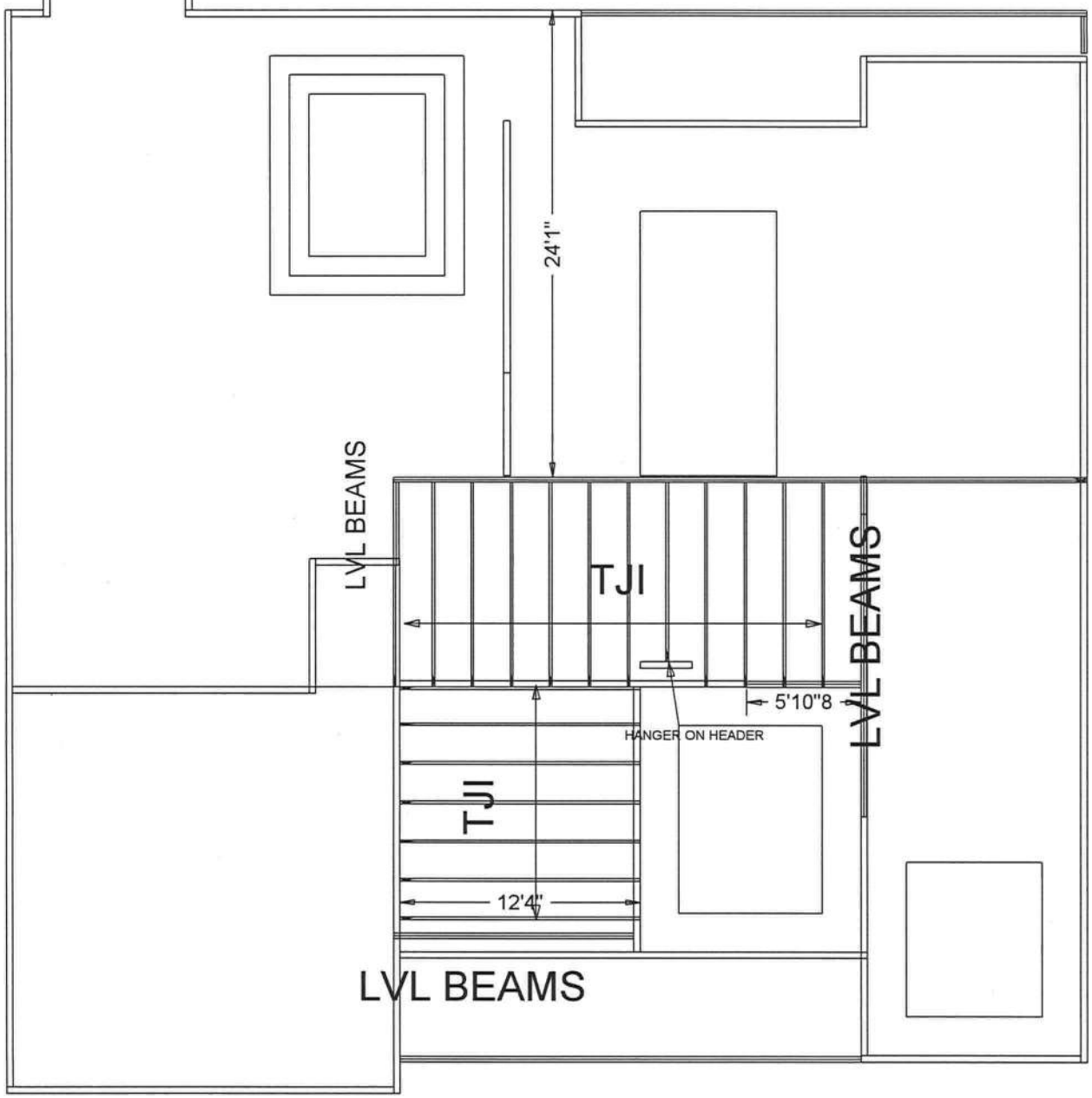
U.S. Patent 5,761,872 • U.S. Patent 6,139,667 • Additional Patents Pending



AARON NICKELSON / PRESERVES

Scale: 1' = 9.4769"

AARON NICKELSON / PRESERVE FLOOR



Scale: 1' = 0.1161"

(8-231--Fill in later -- , ** - EJ)

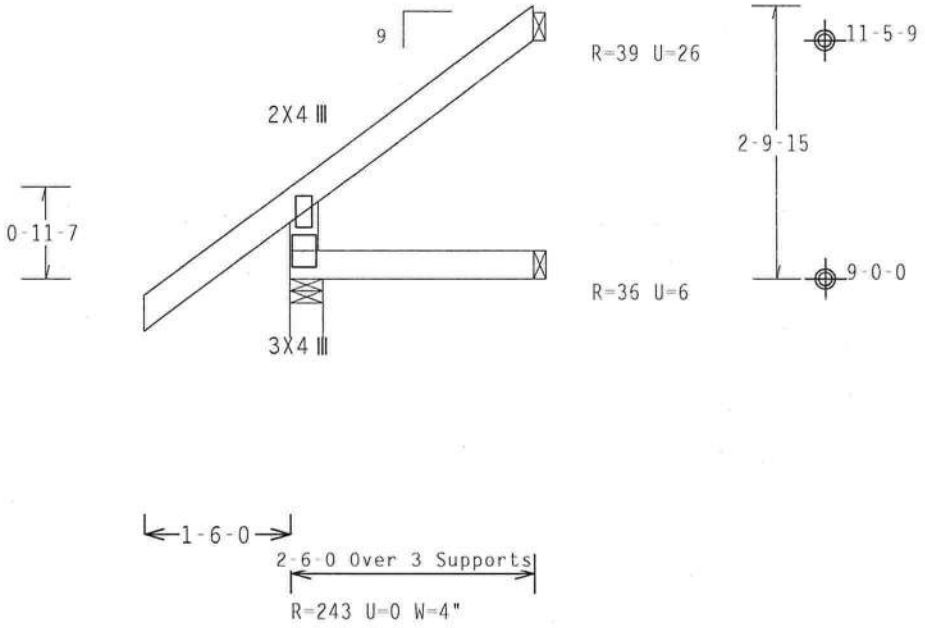
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93270
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263066
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	42500
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - C7)

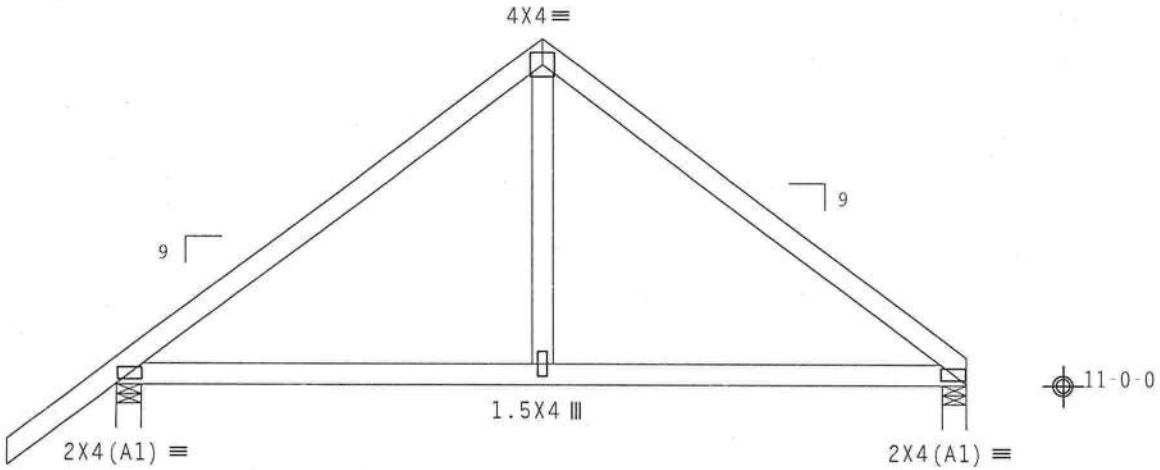
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

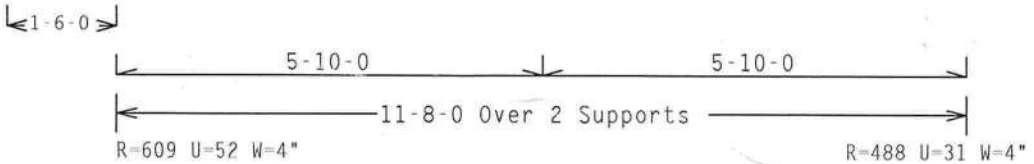
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt. ASCE 7-02, CLOSED bldg, 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.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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ITW Building Components Group Inc.
Haines City, FL 33844
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IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AFSPA) 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.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93271
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263018
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41415
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - C6)

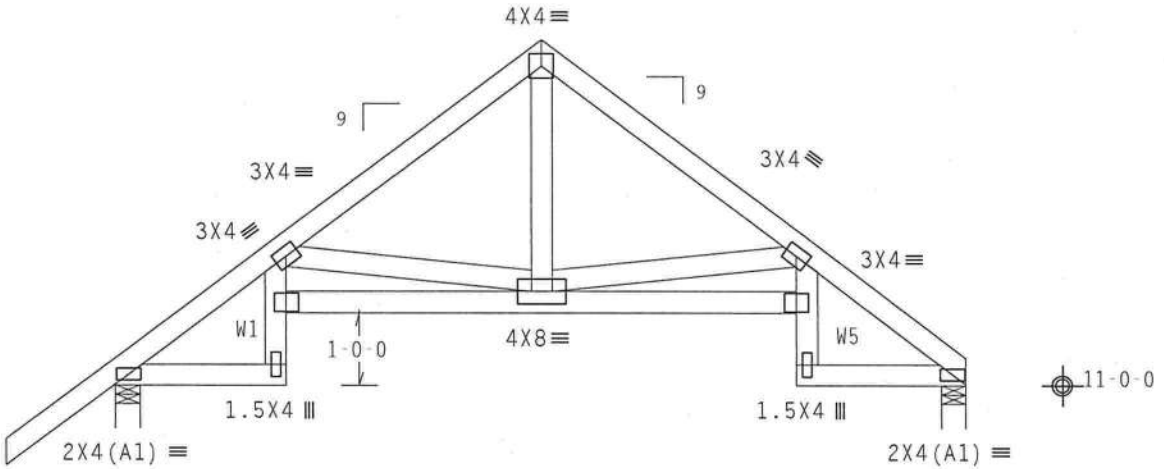
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1, W5 2x4 SP #2 Dense:

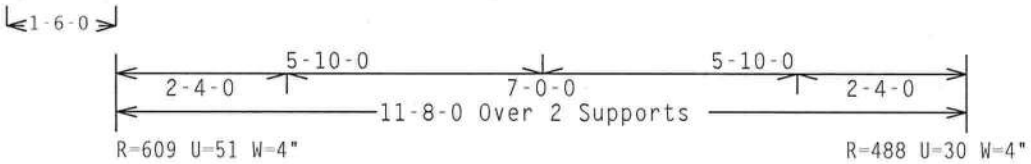
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

p 19 '08

TC LL	20.0 PSF	REF	R8228- 93272
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263019
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	41419
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - C5)

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

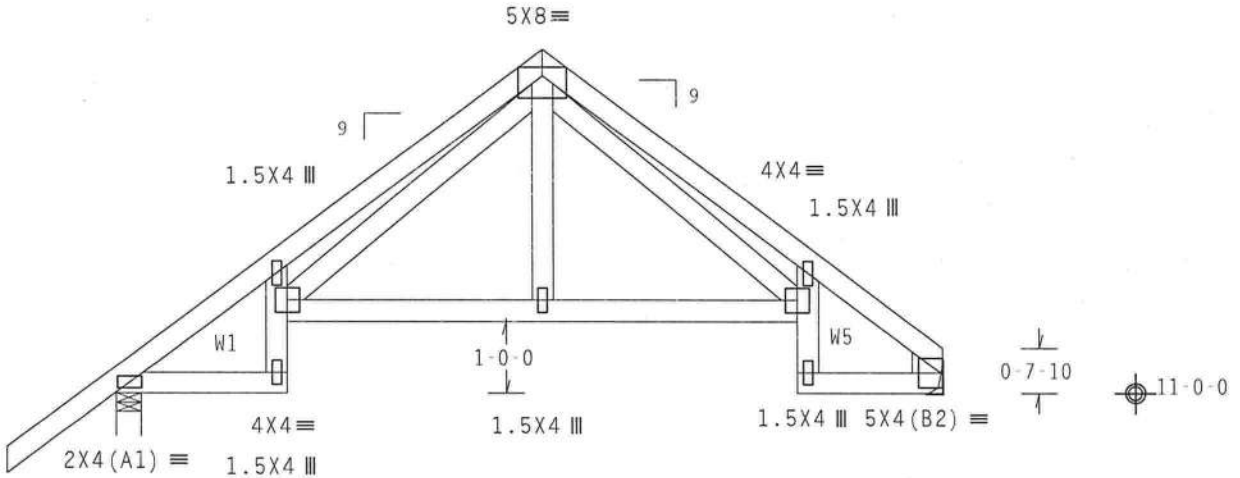
Roof overhang supports 2.00 psf soffit load.

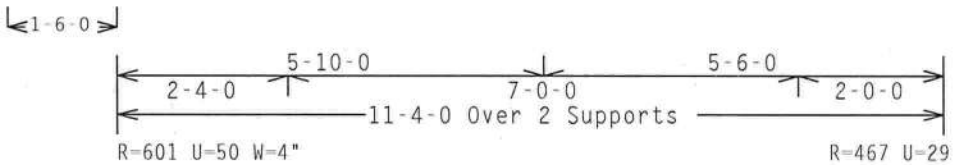
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93273
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263020
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41423
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

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

Roof overhang supports 2.00 psf soffit load.

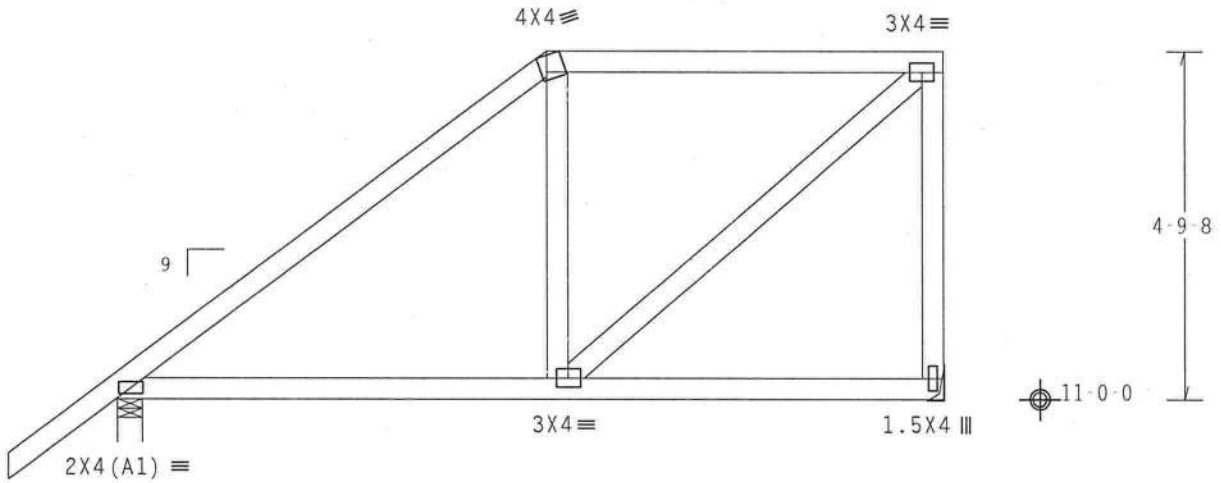
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

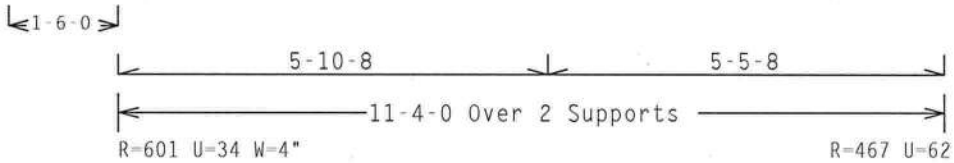
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93274
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263021
BC LL	0.0 PSF		HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41427
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

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

Roof overhang supports 2.00 psf soffit load.

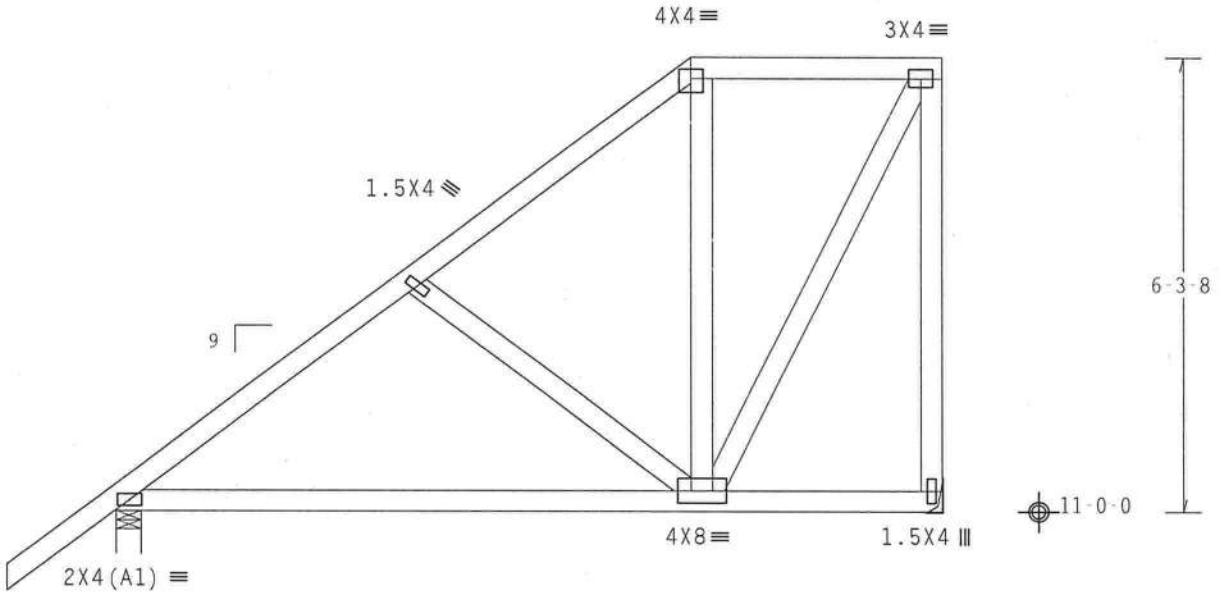
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00.0 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

[illegible] 19 '08

TC LL	20.0 PSF	REF	R8228- 93275
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263022
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41431
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - C2)

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

Roof overhang supports 2.00 psf soffit load.

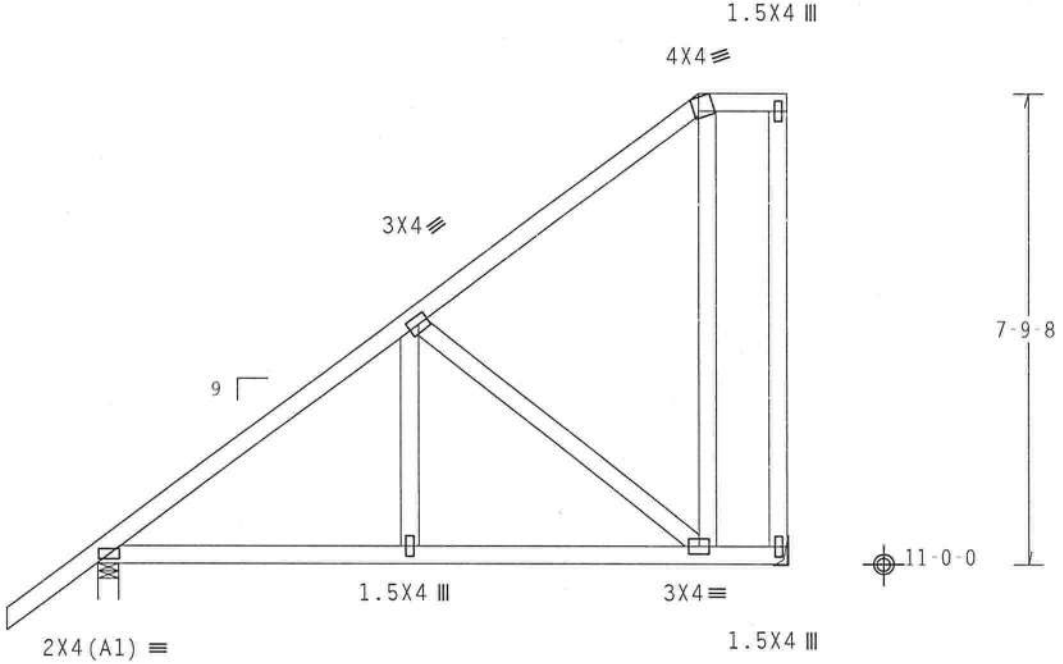
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

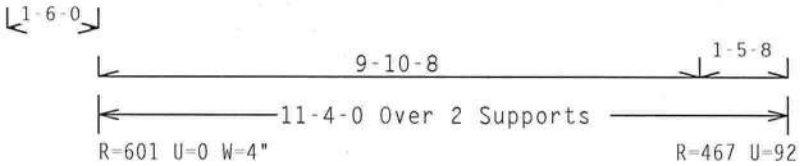
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

p 19 '08

TC LL	20.0 PSF	REF	R8228- 93276
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263023
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41437
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - C1)

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

Roof overhang supports 2.00 psf soffit load.

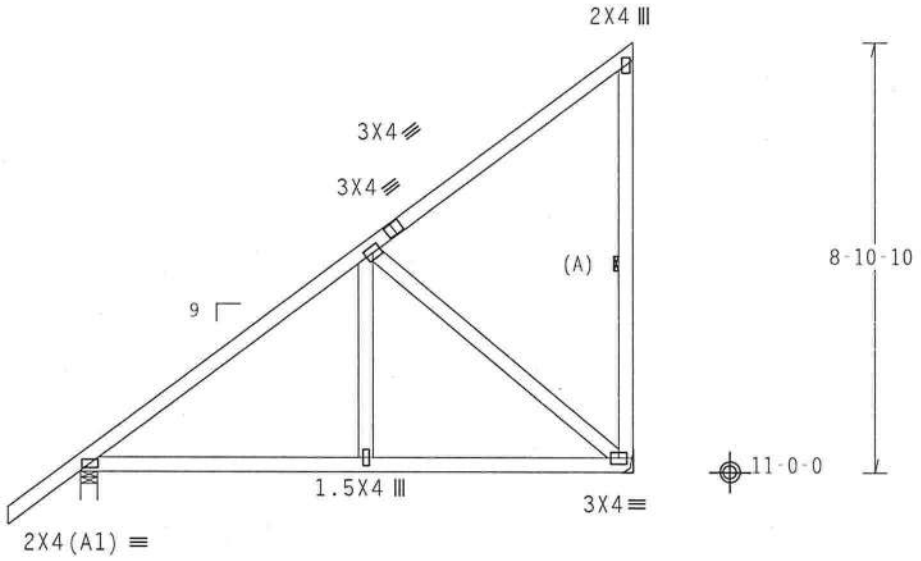
(A) Continuous lateral bracing equally spaced on member.

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

110 mph wind, 15.07 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.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

p 19 '08

TC LL	20.0 PSF	REF	R8228- 93277
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263024
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41442
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - J1A)

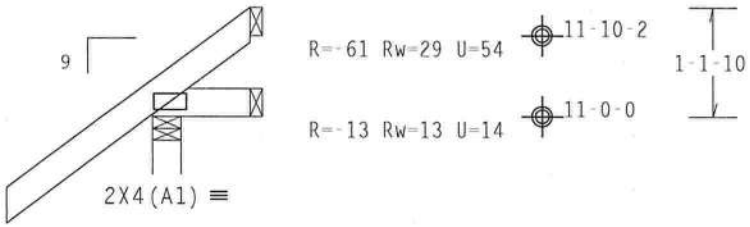
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

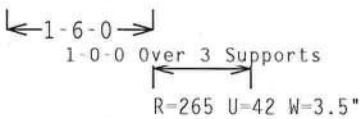
Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228- 93278
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263040
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41446
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - HJ7A)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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

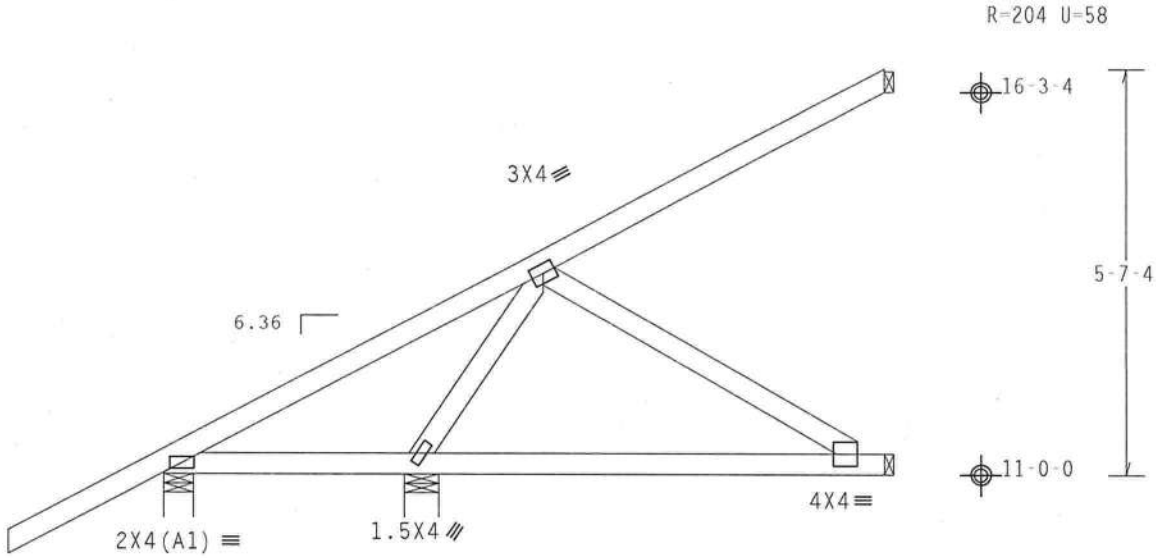
Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

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

TC	- From	63 PLF	at	-2.12	to	63 PLF	at 9.90
BC	- From	5 PLF	at	-2.12	to	5 PLF	at 0.00
BC	- From	20 PLF	at	0.00	to	20 PLF	at 9.90
TC	-	-123 LB	Conc. Load	at	1.48		
TC	-	129 LB	Conc. Load	at	4.31		
TC	-	267 LB	Conc. Load	at	7.13		
BC	-	-27 LB	Conc. Load	at	1.48		
BC	-	47 LB	Conc. Load	at	4.31		
BC	-	106 LB	Conc. Load	at	7.13		



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00.0 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228- 93279
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263015
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41478
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

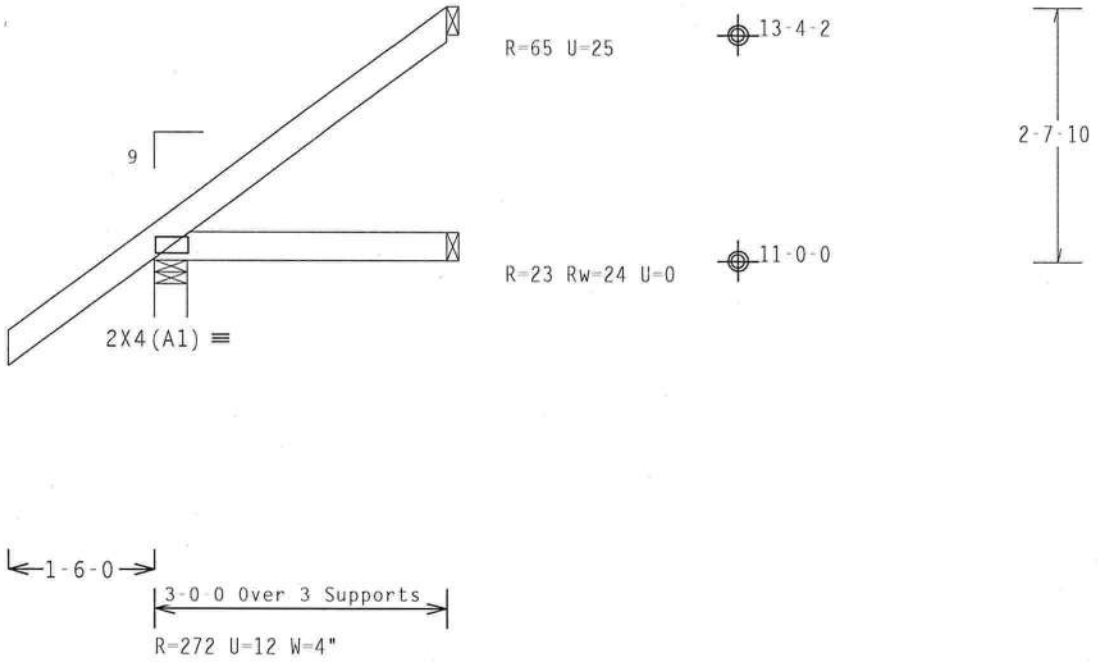
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228- 93280
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263041
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41451
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - J3A)

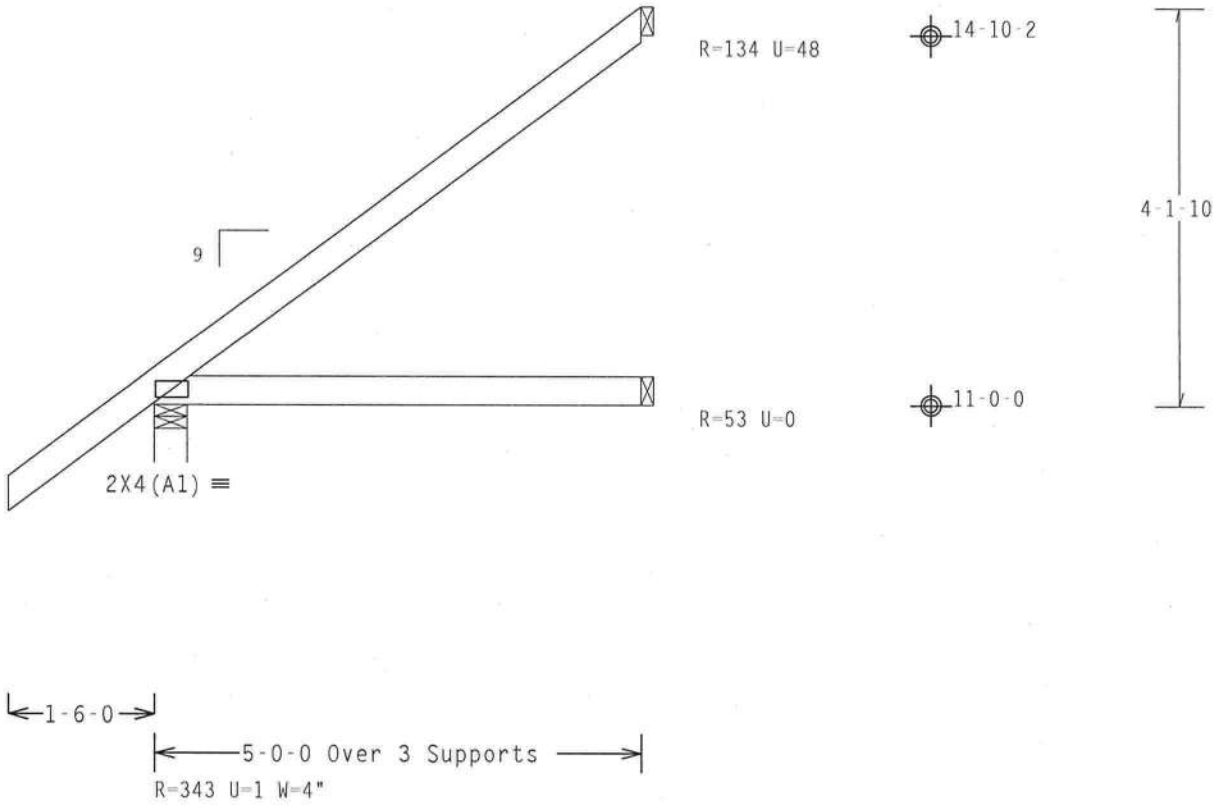
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
19 '08

TC LL	20.0 PSF	REF R8228- 93281
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263042
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41455
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - EJ5)

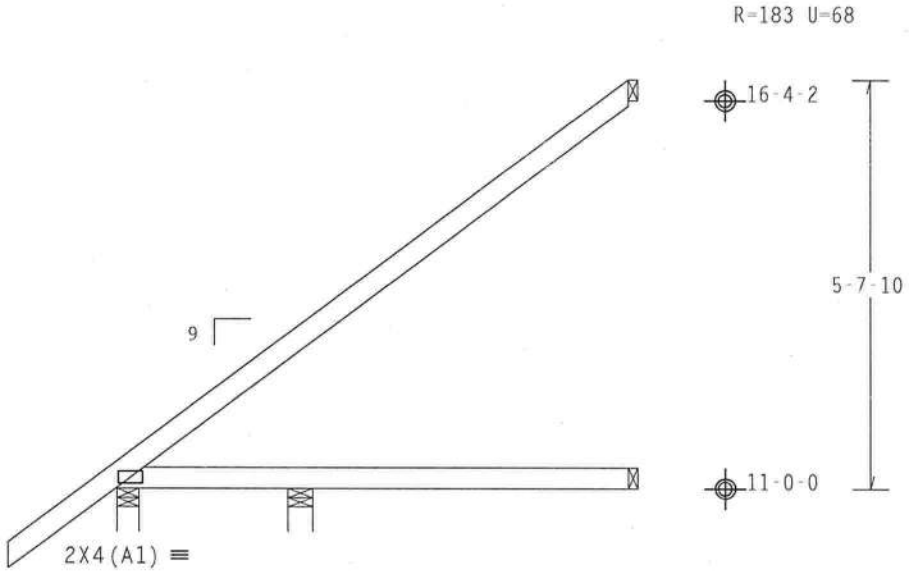
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93282
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263043
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41459
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - B1)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

Roof overhang supports 2.00 psf soffit load.

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

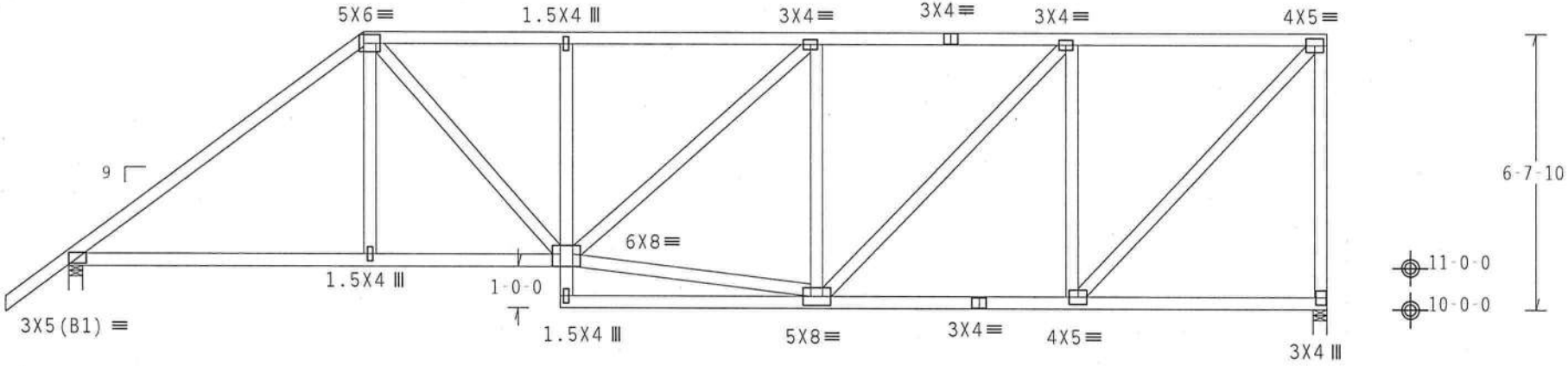
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

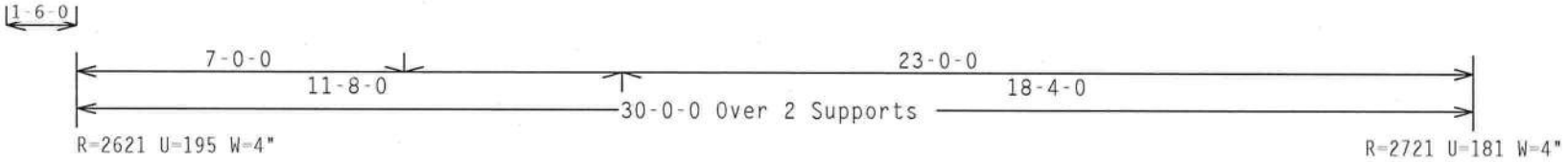
2 COMPLETE TRUSSES REQUIRED

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

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
19 '08

TC LL	20.0 PSF	REF R8228- 93283
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263016
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41634
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - EJ51)

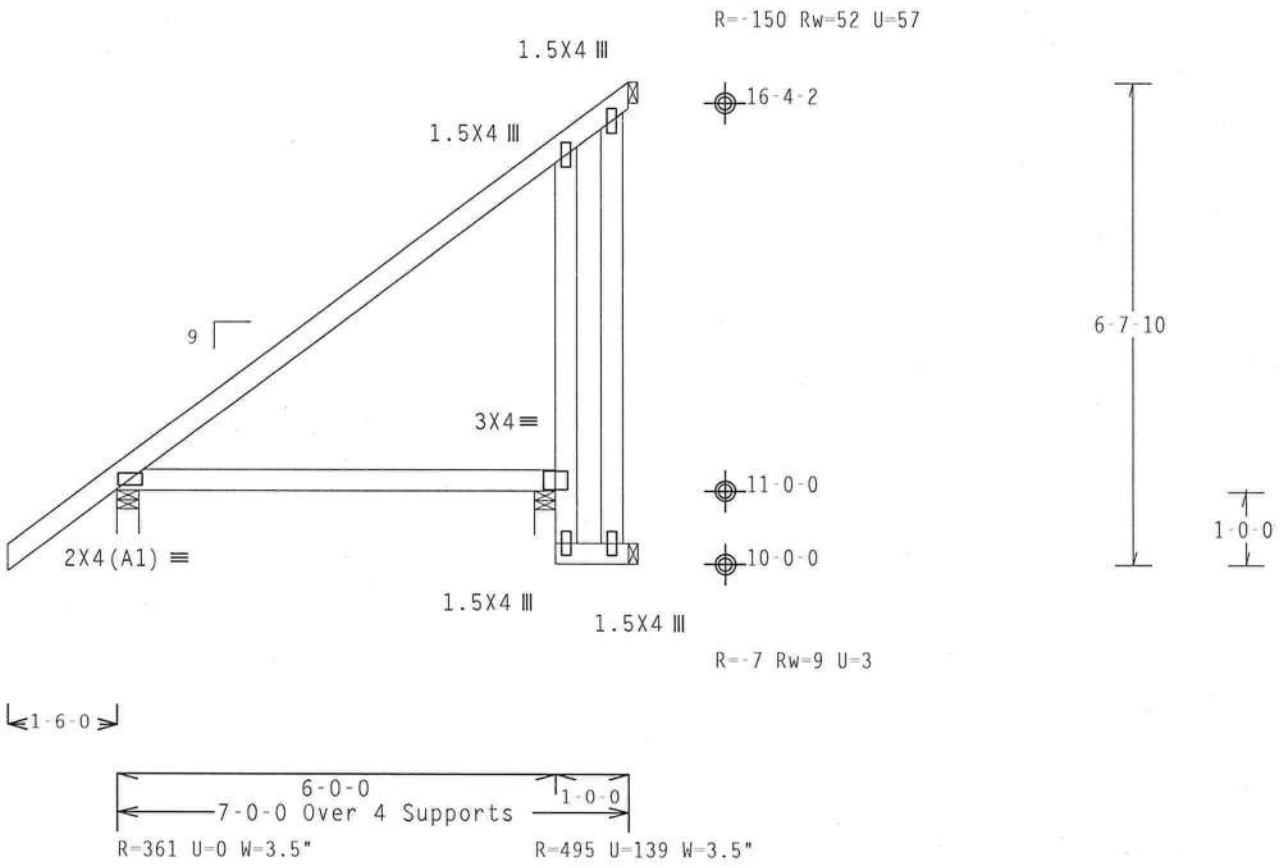
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] p 19 '08

TC LL	20.0 PSF	REF	R8228- 93284
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263025
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41466
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - EJ52)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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

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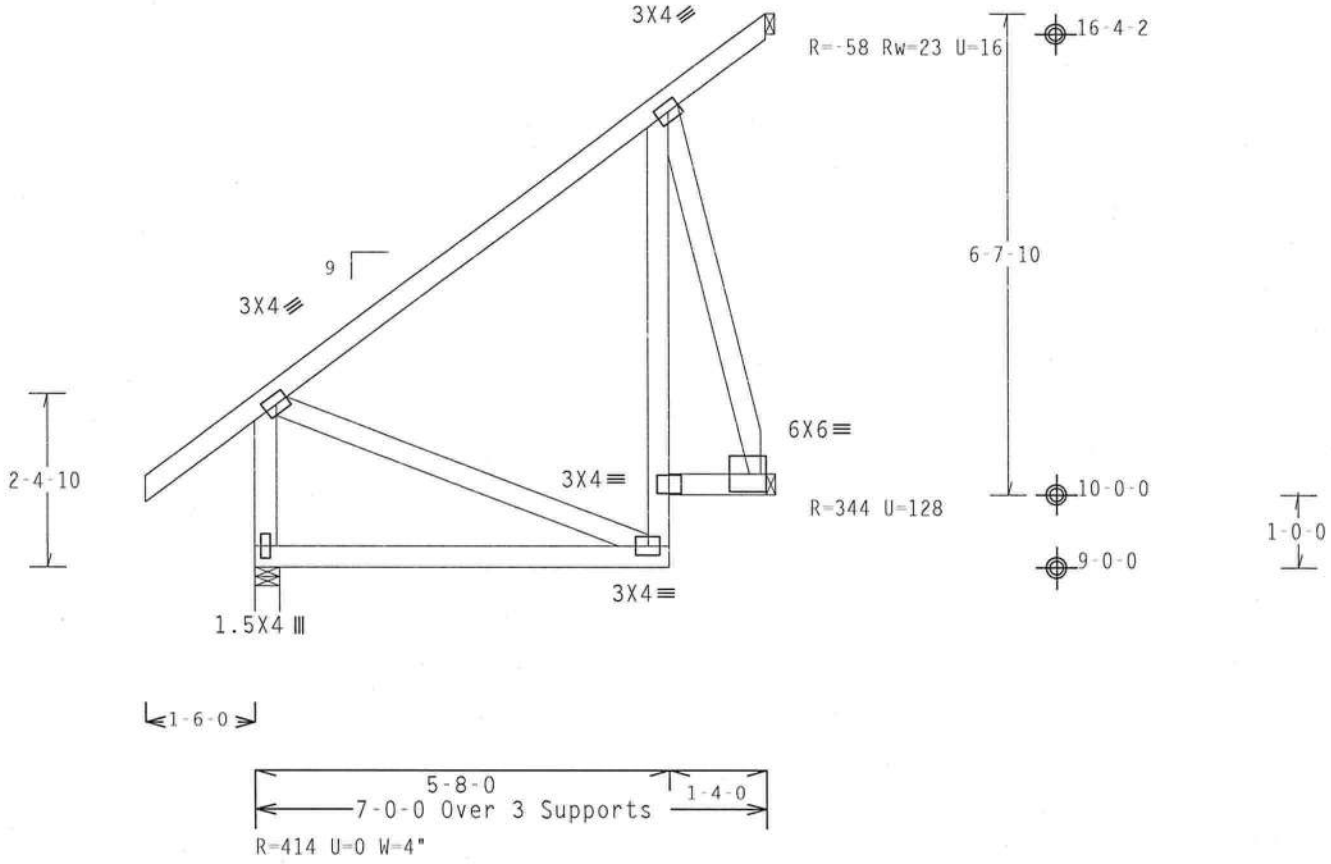
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93285
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263026
BC LL	0.0 PSF		HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41470
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - EJ53)

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

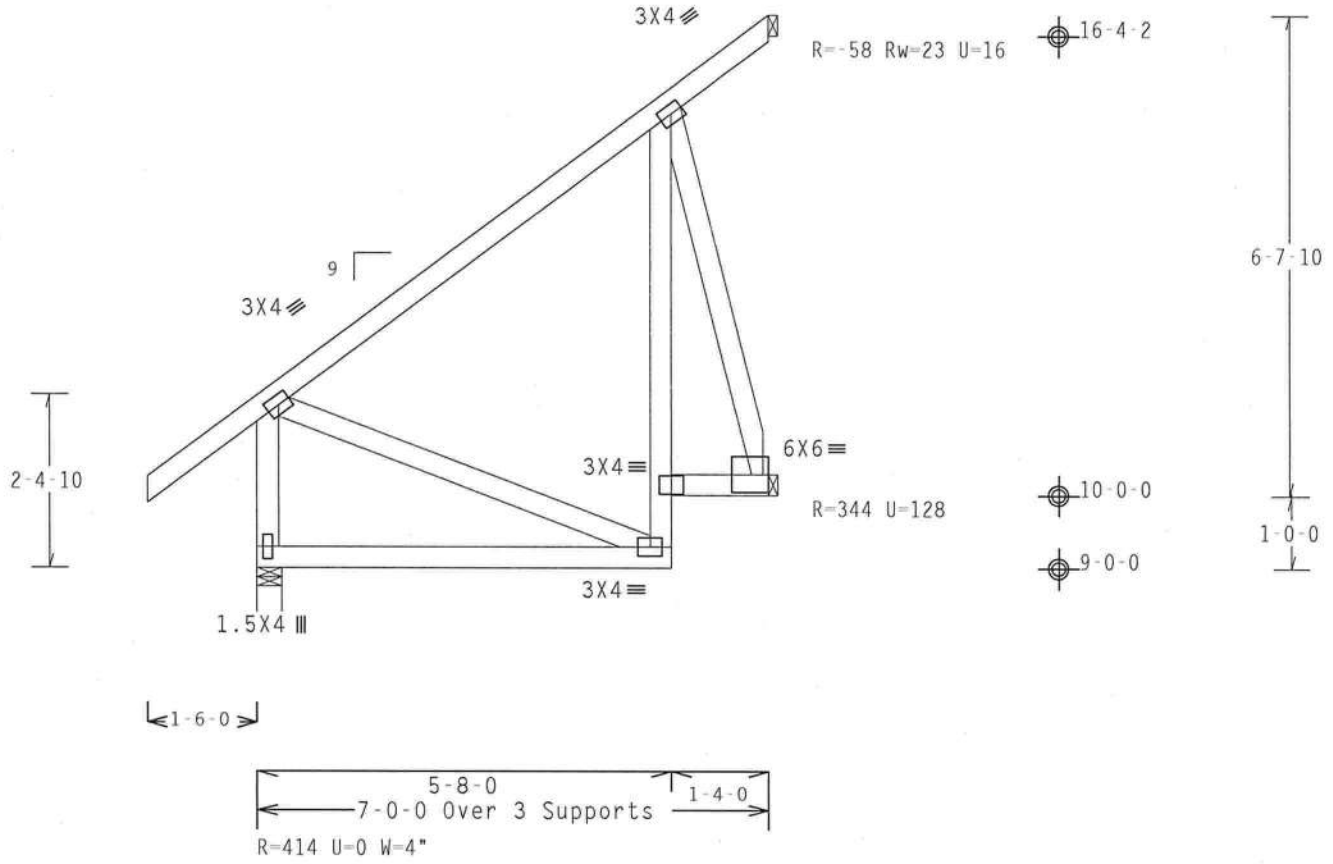
Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF	R8228- 93286
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263027
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41484
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TI28228Z01

(8-231--Fill in later -- , ** - CJ3)

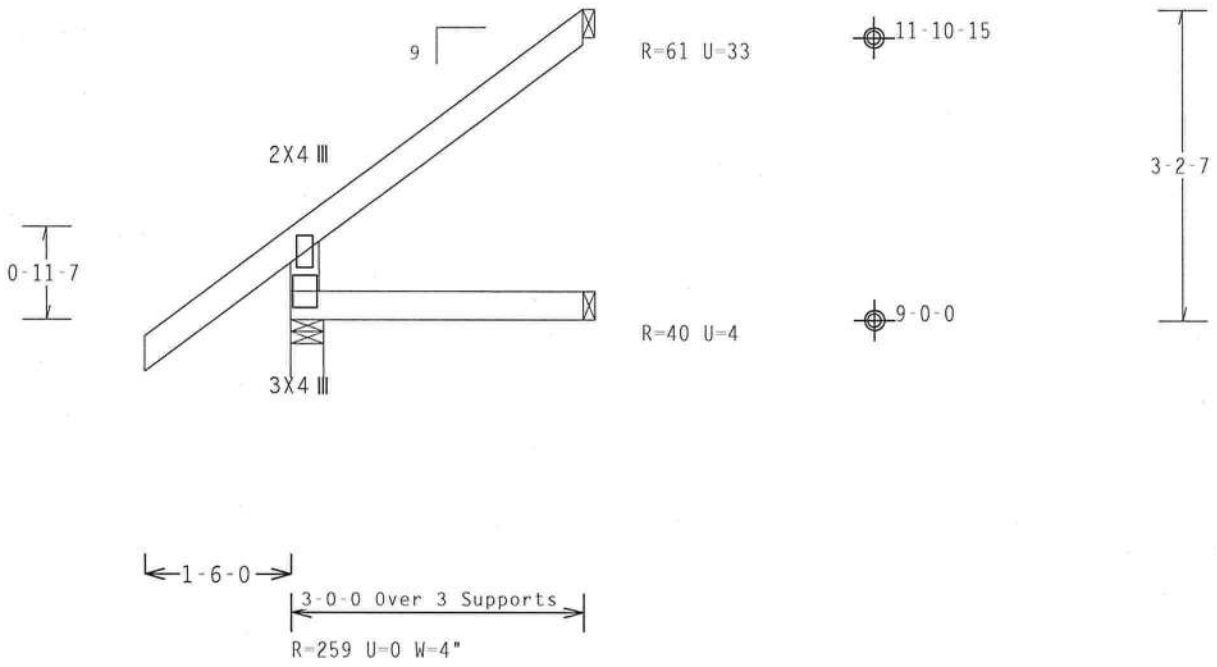
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93287
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263028
BC LL	0.0 PSF		HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41488
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - HJ7)

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

Left end vertical not exposed to wind pressure.

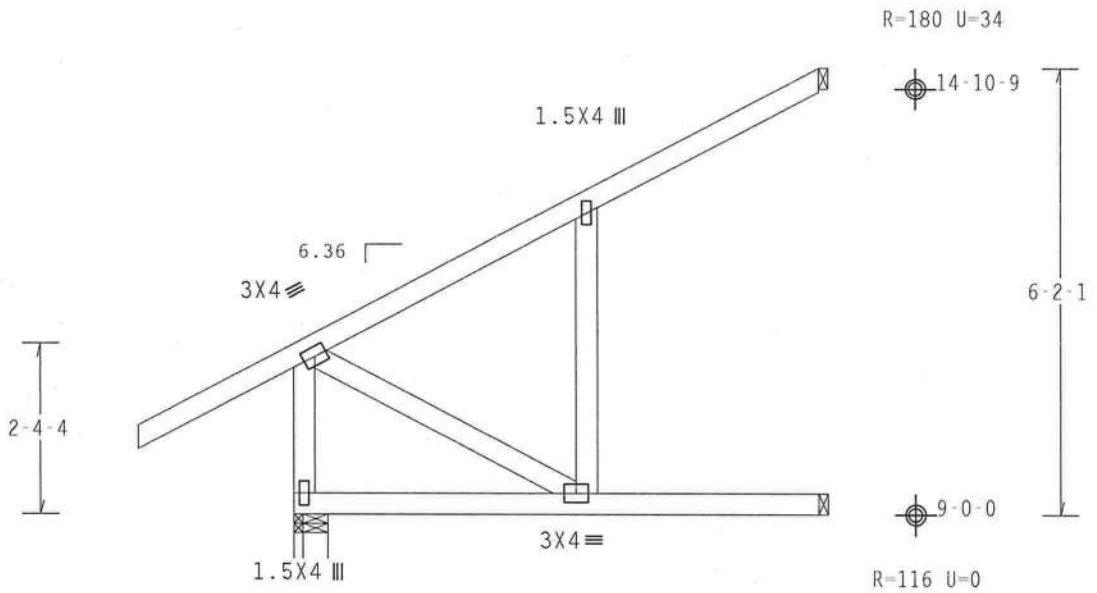
Hipjack supports 5-1-1 setback jacks with no webs.

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

Negative reaction(s) of -468# MAX. (See below) from a non-wind load case requires uplift connection.

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.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave

ALPINE
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Haines City, FL 33844
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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF	R8228- 93288
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263017
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	42516
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - CJ5)

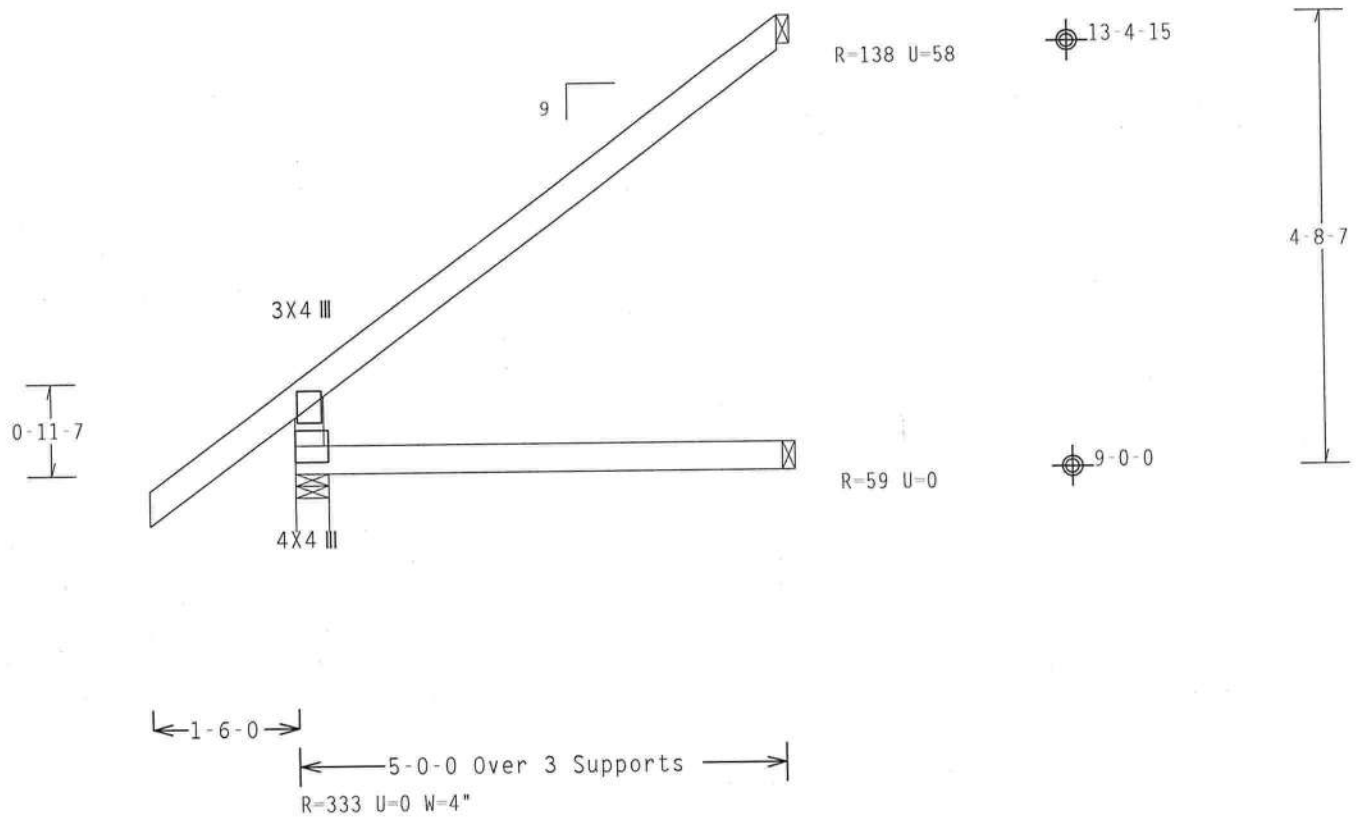
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave

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

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
#0 27

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

19 '08

TC LL	20.0 PSF	REF	R8228- 93289
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263029
BC LL	0.0 PSF	HC-ENG	JB/DF *
TOT.LD.	40.0 PSF	SEQN-	41493
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

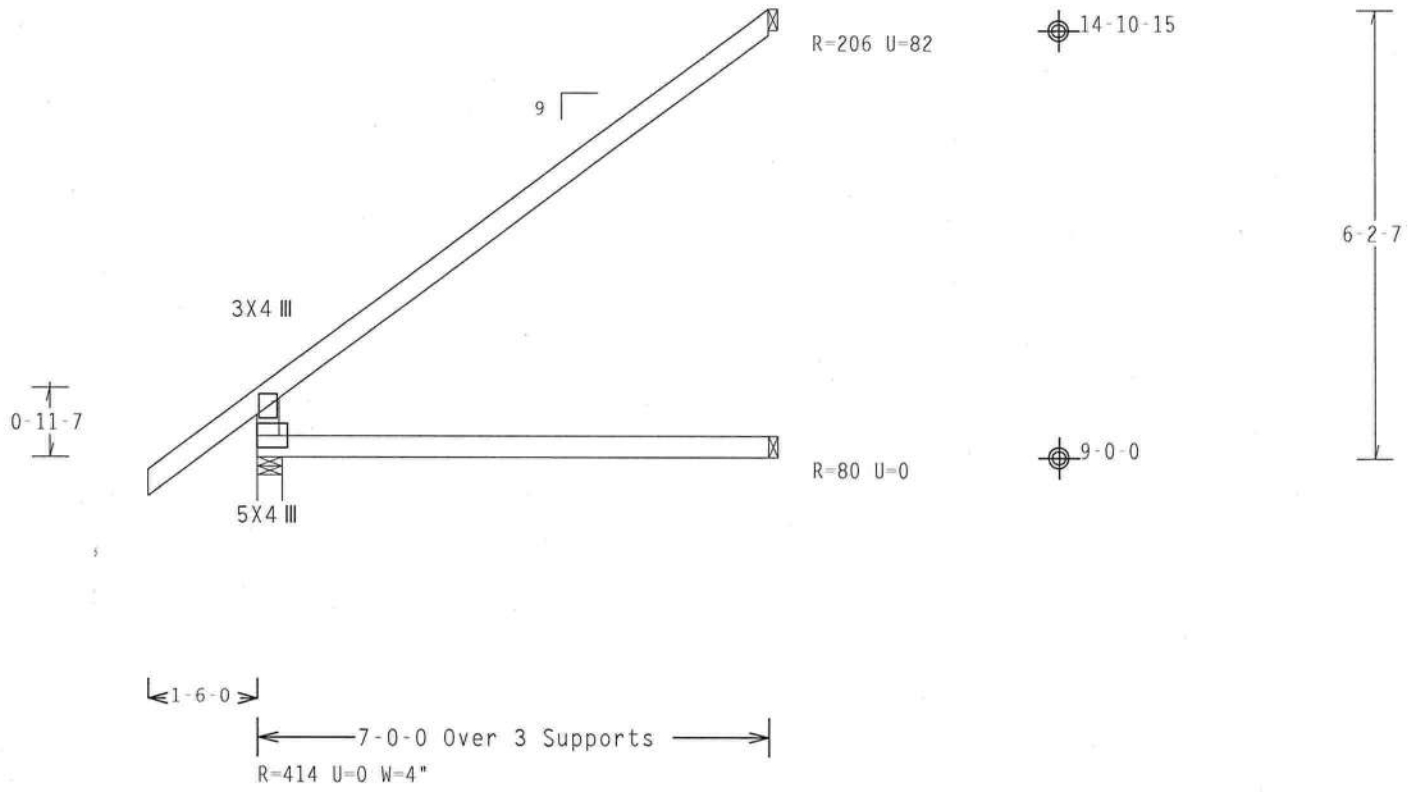
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

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	R8228- 93290
DATE	09/19/08
DRW	HCUSR8228 08263030
	HC-ENG JB/DF *
SEQN-	42511
JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - J3)

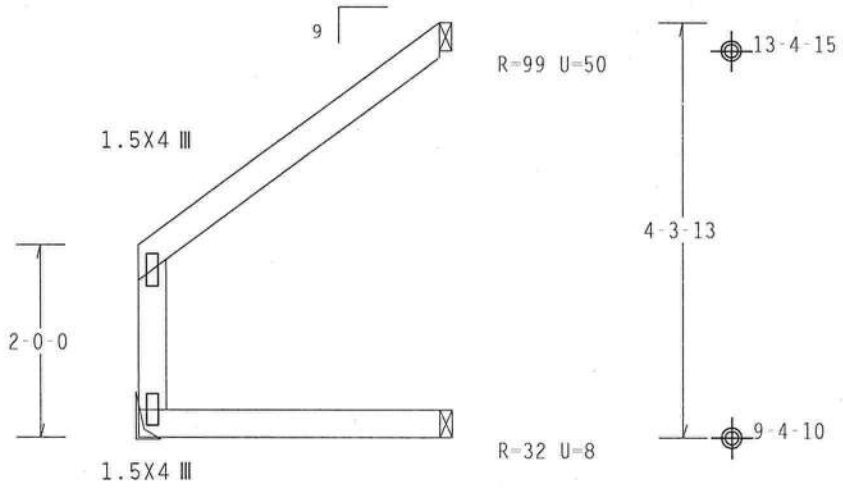
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

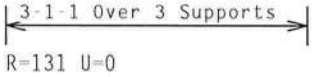
Left end vertical not exposed to wind pressure.

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

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF R8228- 93291
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263031
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 42543
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - J1)

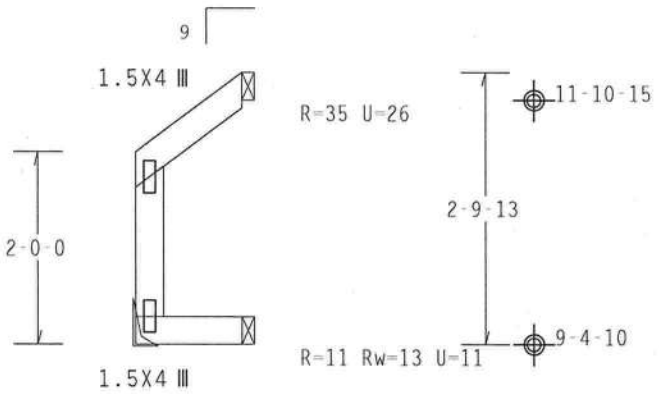
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical not exposed to wind pressure.

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

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

Wind reactions based on MWFRS pressures.



1-1-1 Over 3 Supports
R=46 U=0

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 19 '08

TC LL	20.0 PSF	REF R8228- 93292
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263032
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 42548
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - EJ71)

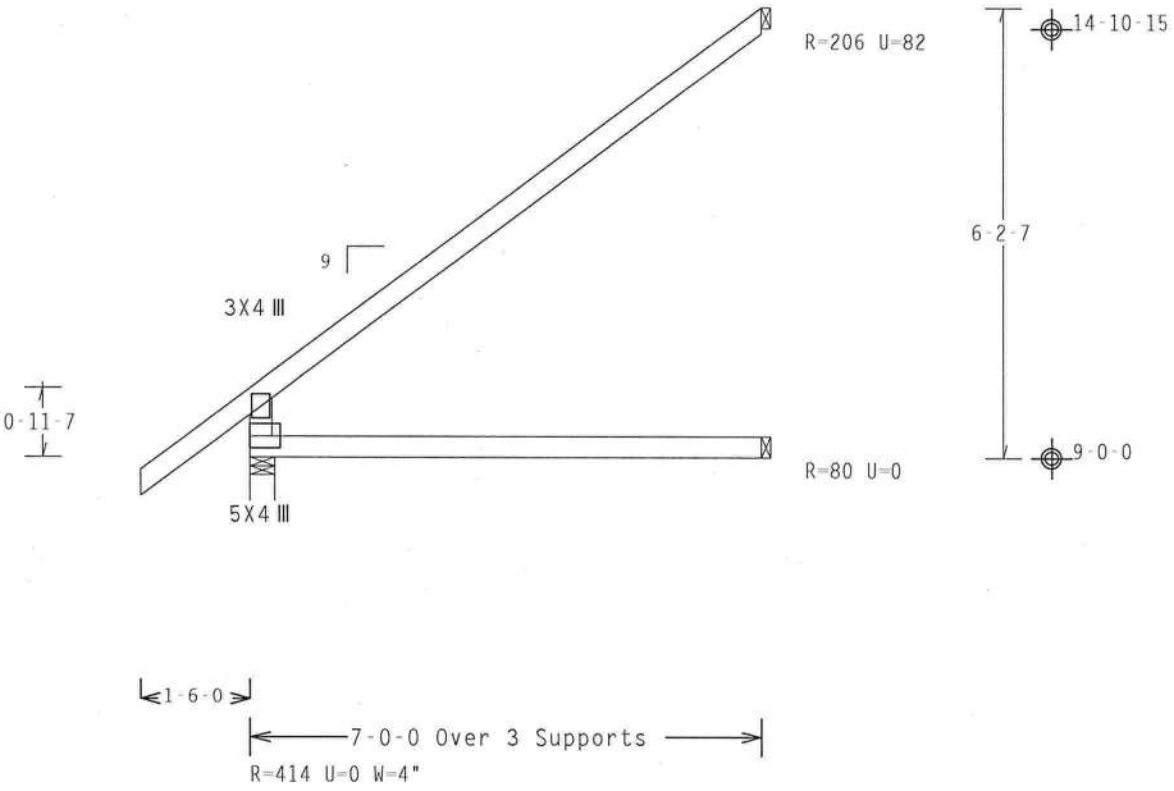
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228-93293
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263033
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 42520
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T128228Z01

(8-231--Fill in later -- , ** - F)

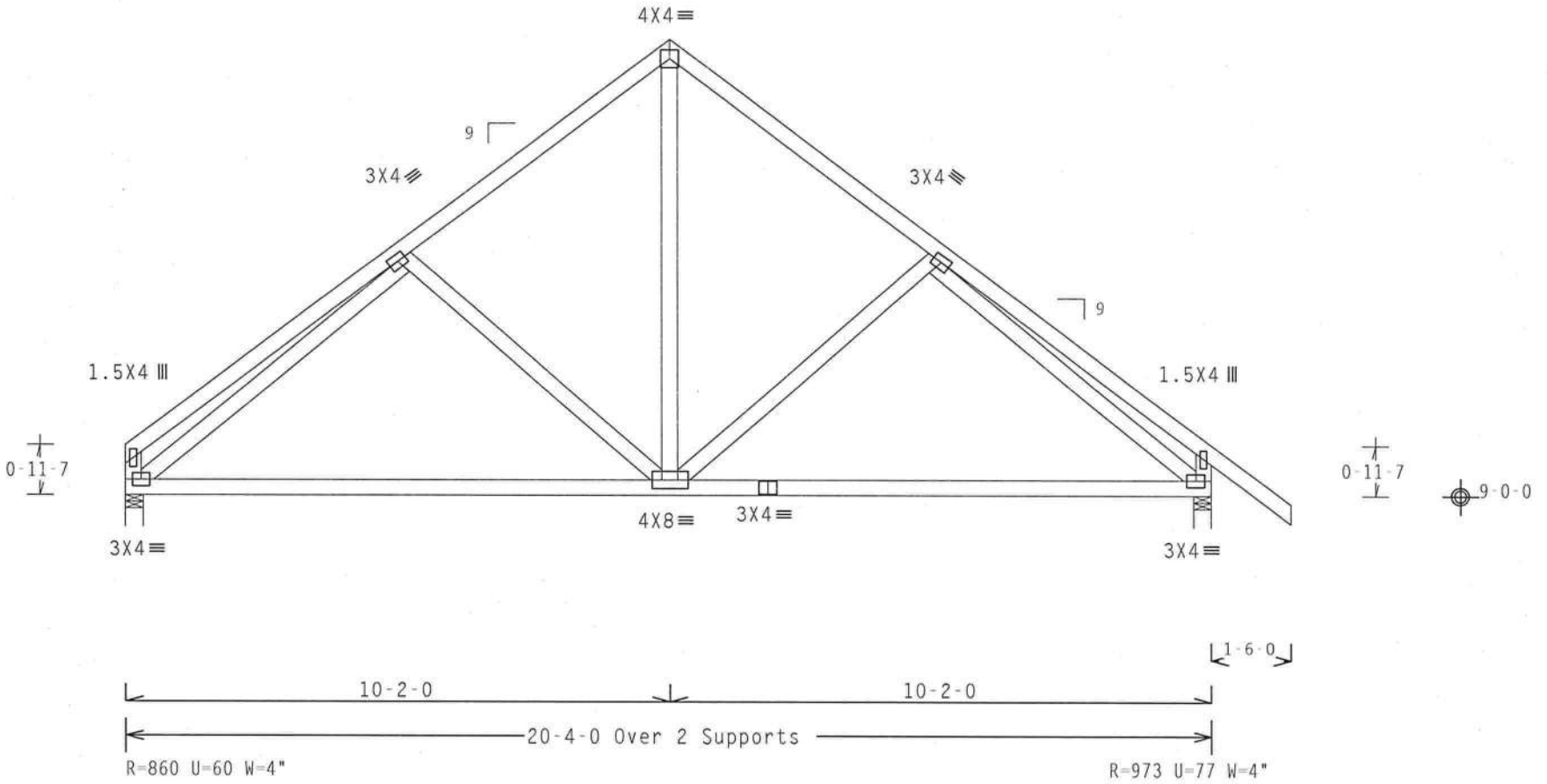
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 19 '08

TC LL	20.0 PSF	REF R8228- 93294
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263044
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41547
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - F1)

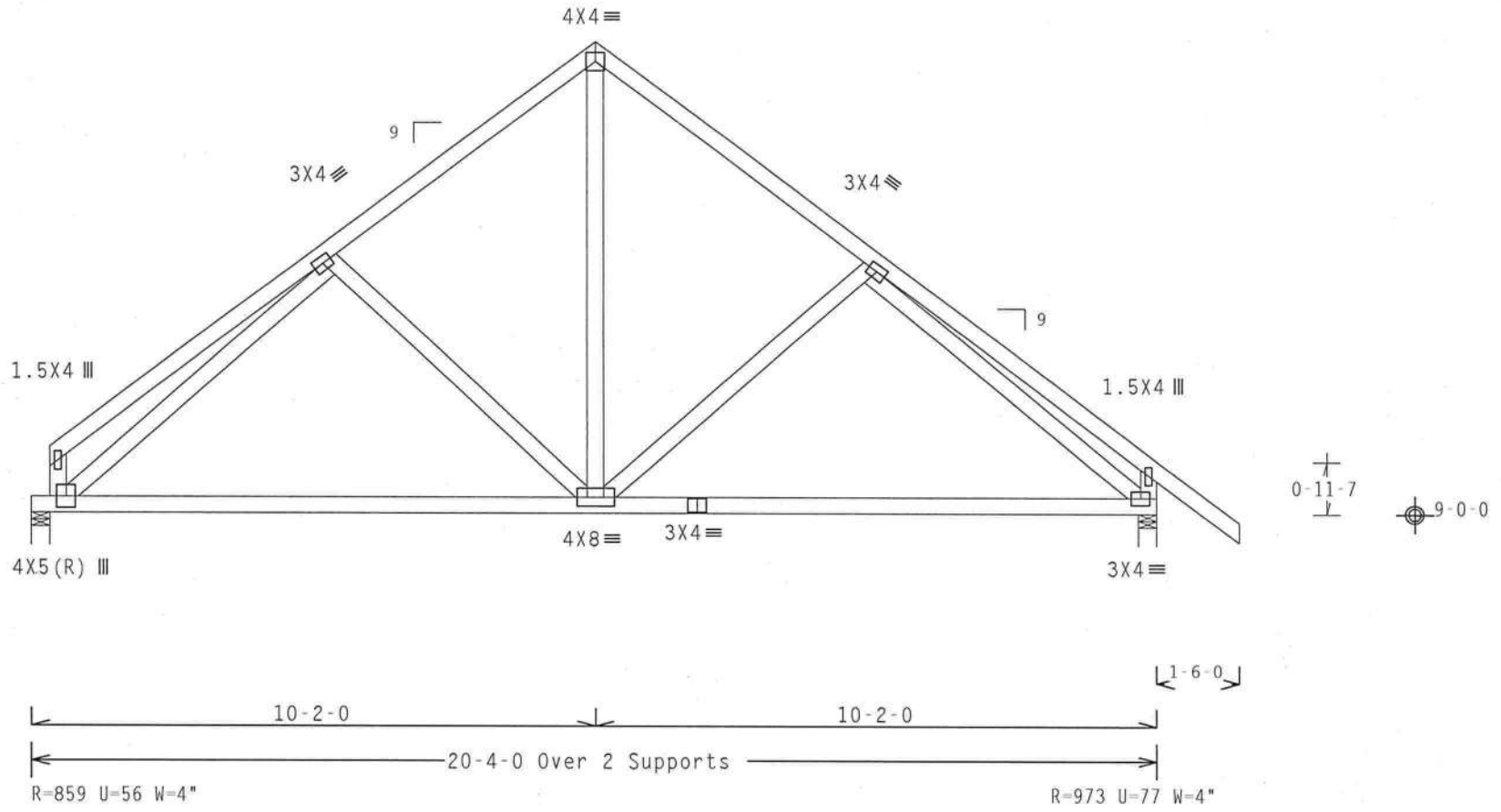
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF	R8228- 93295
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263062
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41554
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - F2)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

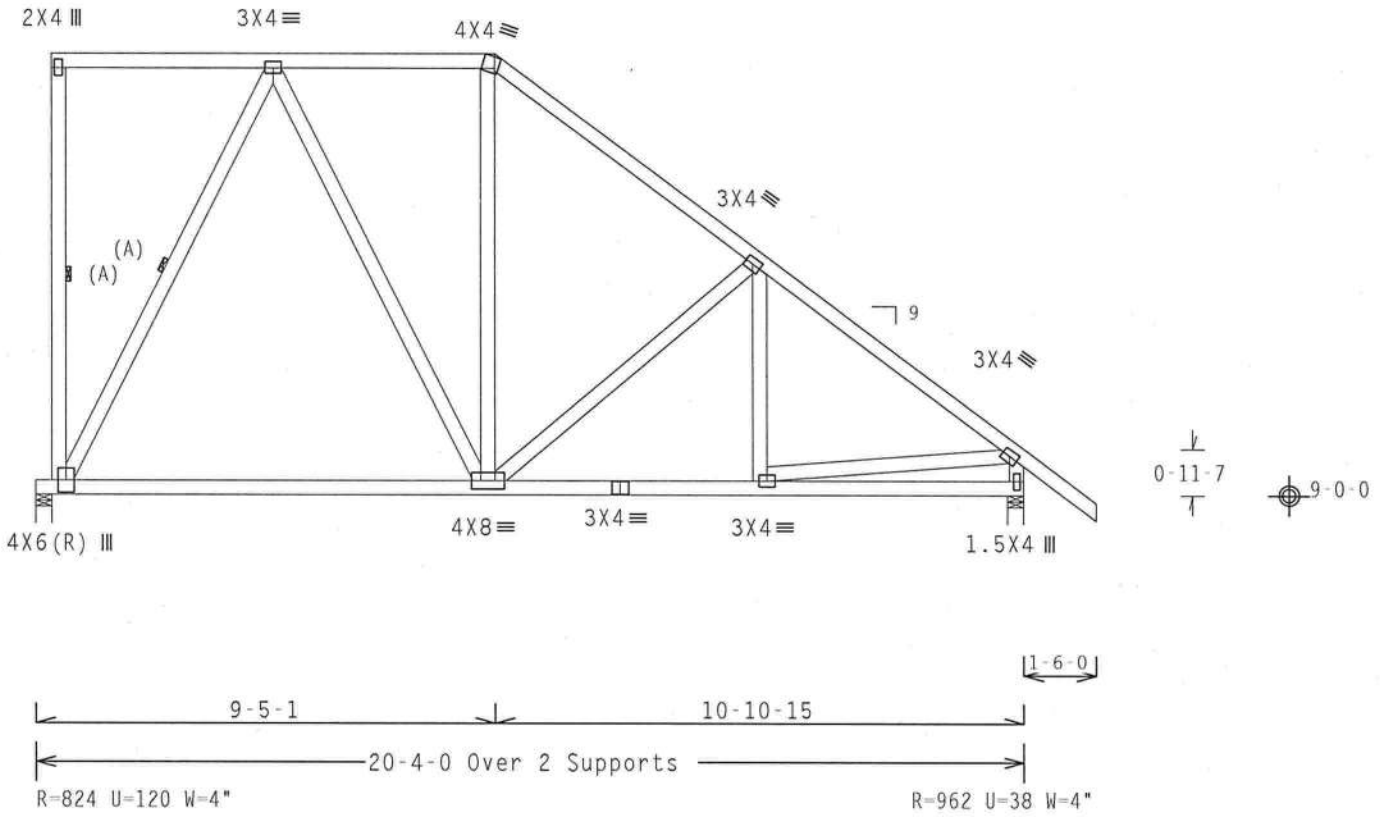
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 19 '08

TC LL	20.0 PSF	REF R8228- 93296
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263034
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 41560
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - F3)

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

Left end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

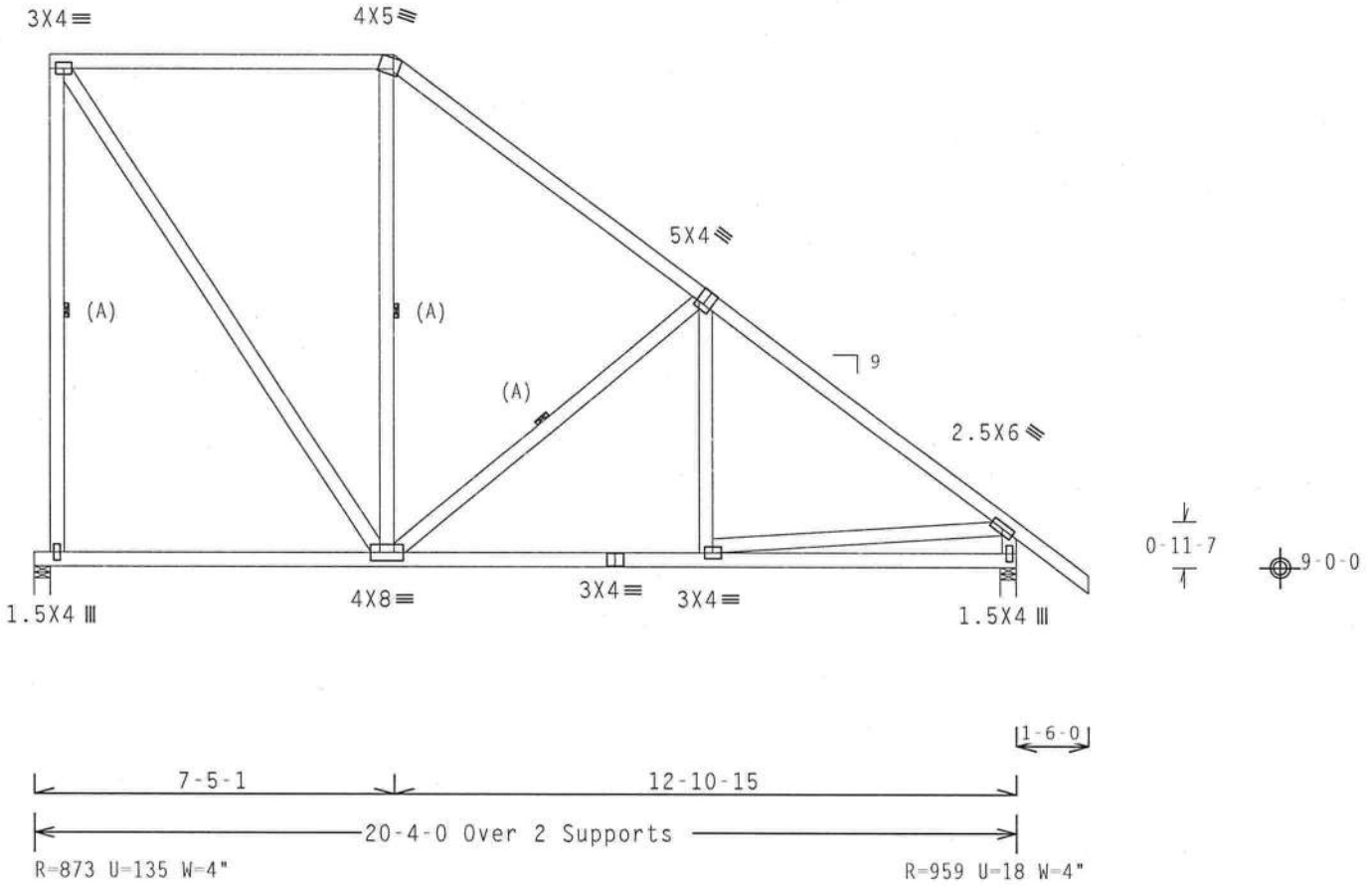
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228- 93297
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263035
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 41566
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - P814)

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

110 mph wind, 20.39 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=1.2 psf.

Wind reactions based on MWFRS pressures.

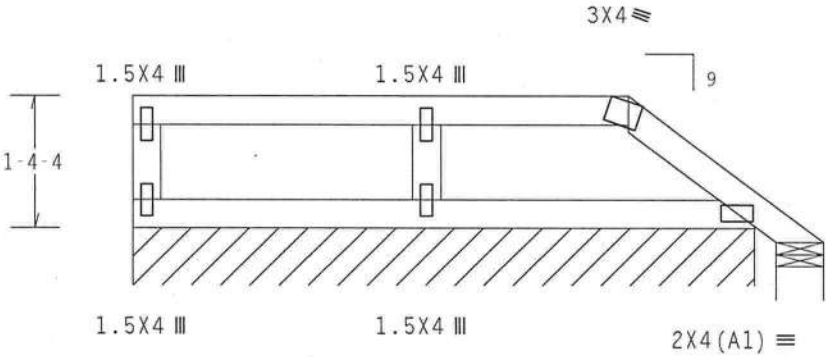
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

TC - From	60 PLF	at	0.00	to	60 PLF	at 5.09
TC - From	65 PLF	at	5.09	to	65 PLF	at 7.09
BC - From	4 PLF	at	0.00	to	4 PLF	at 7.09

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

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 8.03.00.0 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
9 '08

TC LL	20.0 PSF	REF	R8228- 93298
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263063
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	11193 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - M1)

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

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

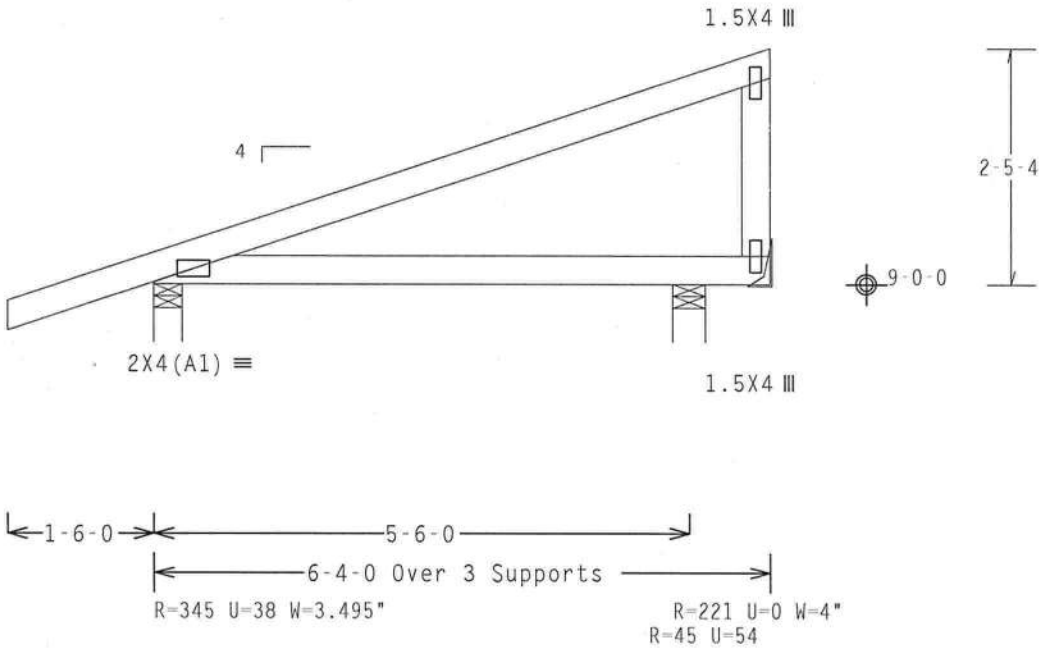
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE
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Haines City, FL 33844
FL COA #0 278

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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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
19 '08

TC LL	20.0 PSF	REF R8228- 93299
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263064
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41574
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - M)

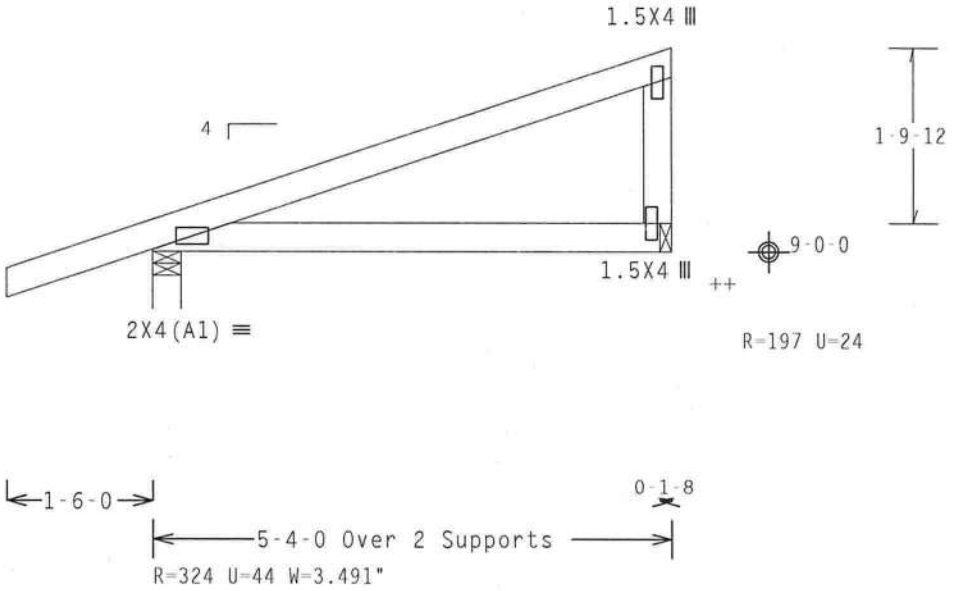
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
19 '08

TC LL	20.0 PSF	REF R8228- 93300
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263036
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 42617
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - DGE)

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

Roof overhang supports 2.00 psf soffit load.

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.

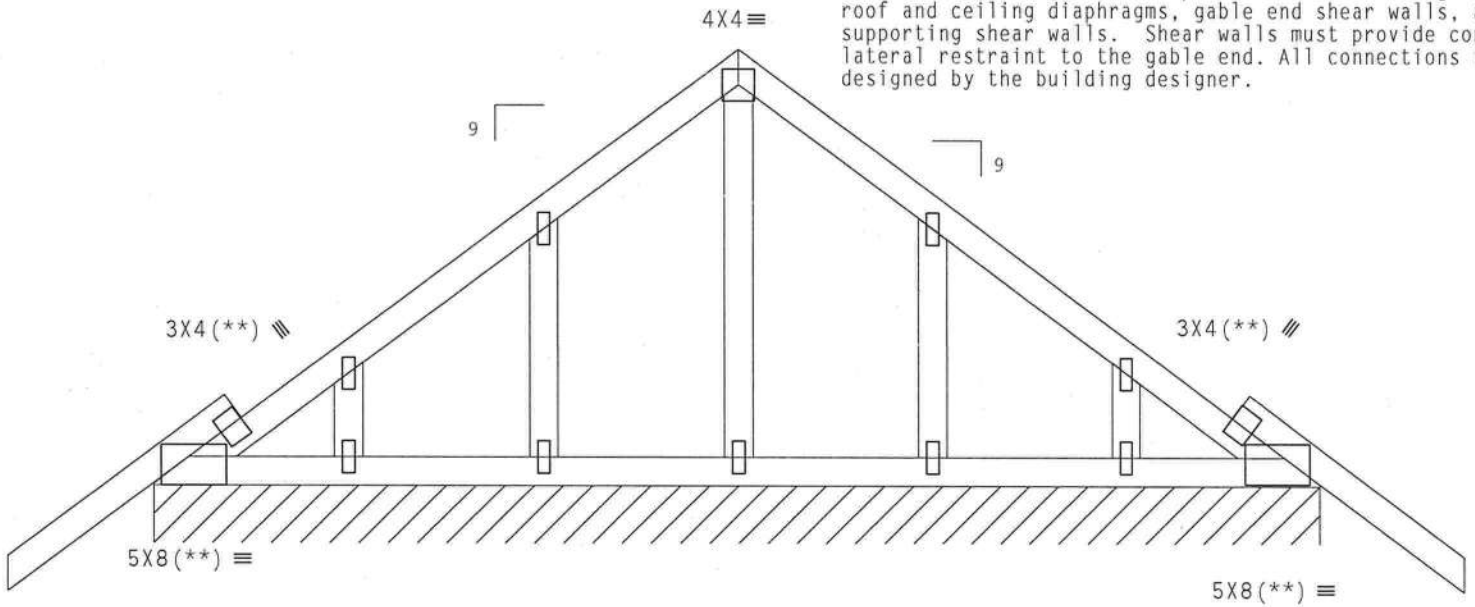
(**) 4 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 21.05 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.

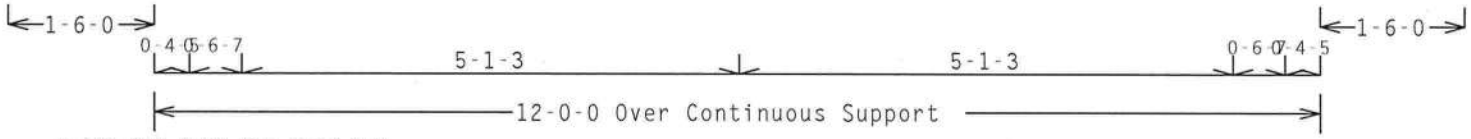
Wind reactions based on MWFRS pressures.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

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



19-1-14



R=159 PLF U=55 PLF W=12-0-0
RL=21/-21 PLF

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 8.03.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF	R8228- 93301
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263067
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	11195 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - EGE)

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

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.11" due to live load and 0.25" due to dead load.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

(A) Continuous lateral bracing equally spaced on member.

+ MEMBER TO BE LATERALLY BRACED FOR OUT OF PLANE WIND LOADS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

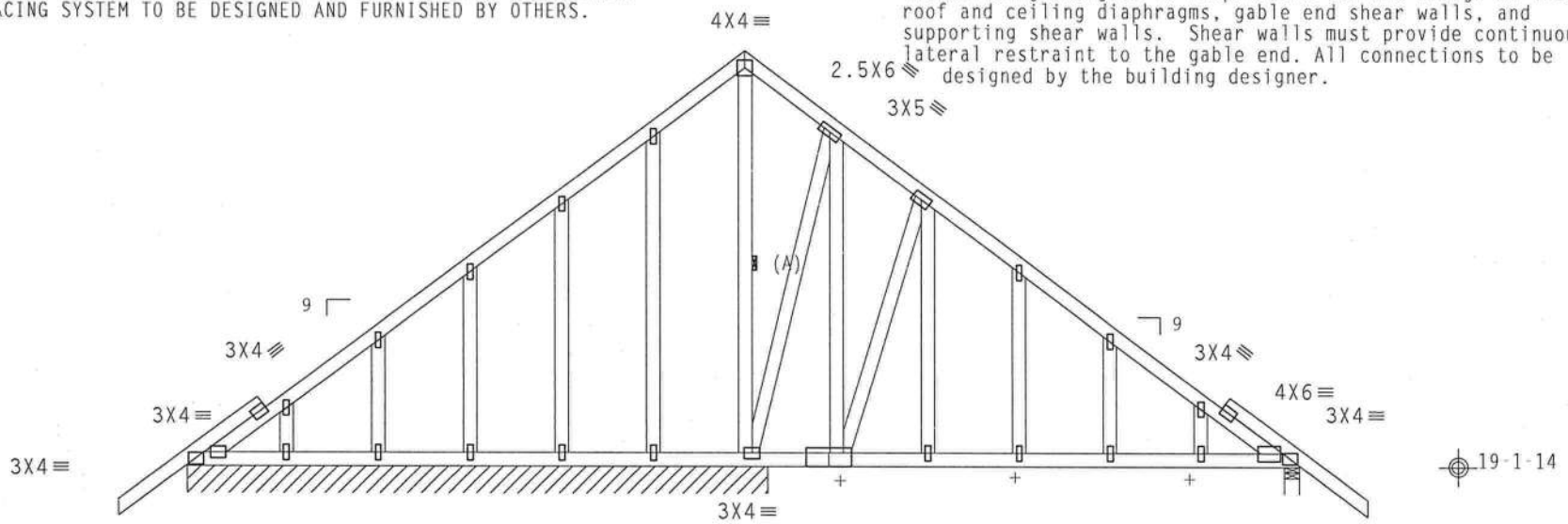
110 mph wind, 23.36 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

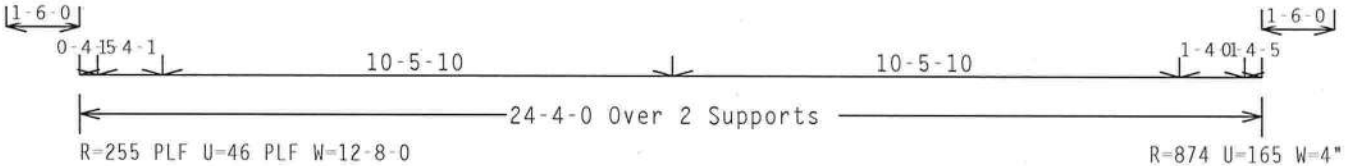
Wind reactions based on MWFRS pressures.

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

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





Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

[illegible] p 19 '08

TC LL	20.0 PSF	REF	R8228- 93302
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263055
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41593
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - E)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W8 2x8 SP #1 Dense:

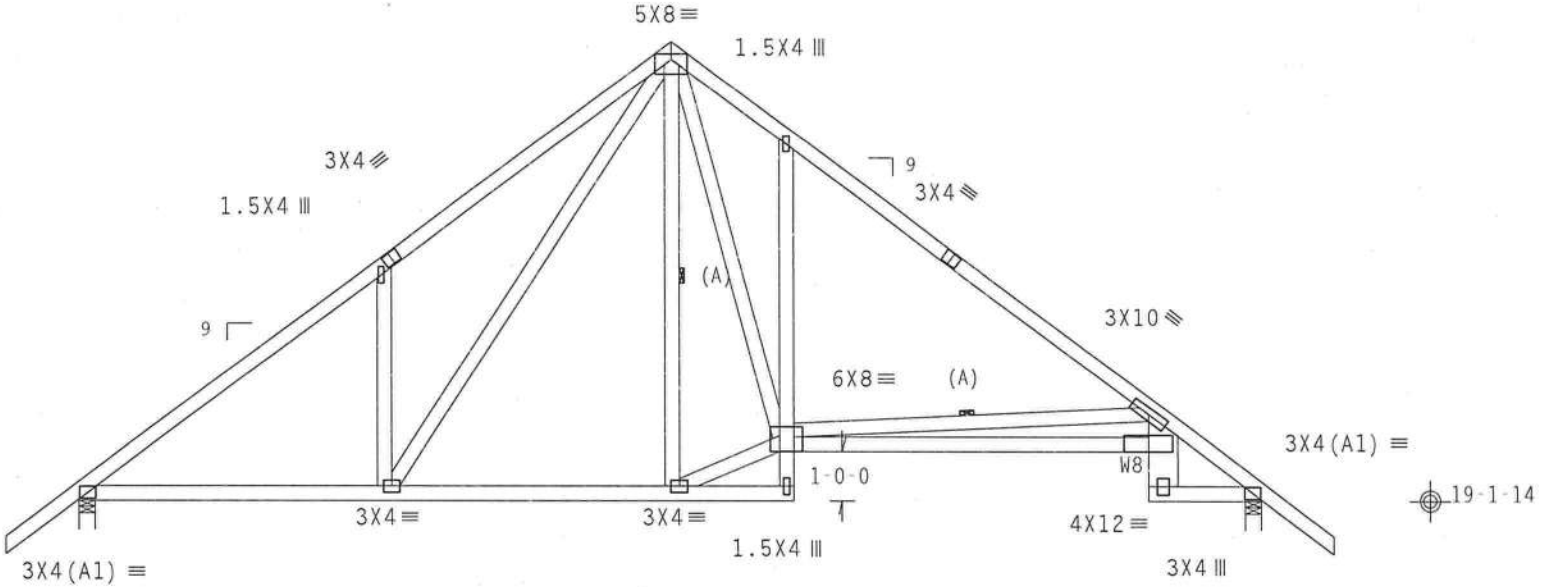
Roof overhang supports 2.00 psf soffit load.

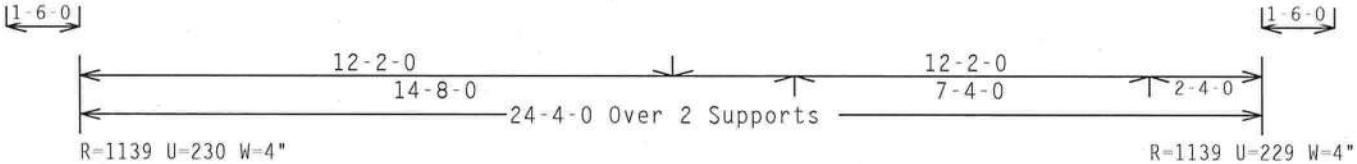
(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 23.54 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.

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93303
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263045
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41600
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - E1)

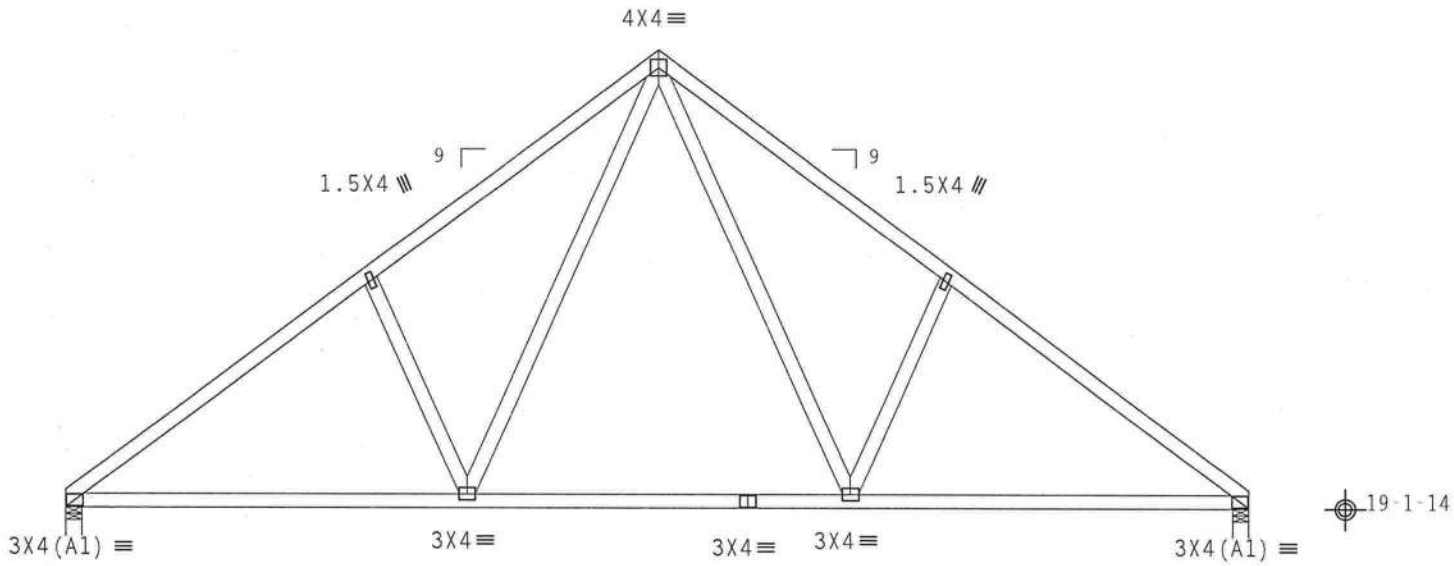
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

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

110 mph wind, 24.10 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

SEP 19 '08

TC LL	20.0 PSF	REF R8228- 93304
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263037
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 41605
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - E2)

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

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Stubbed Wedge 2x4 SP #3:

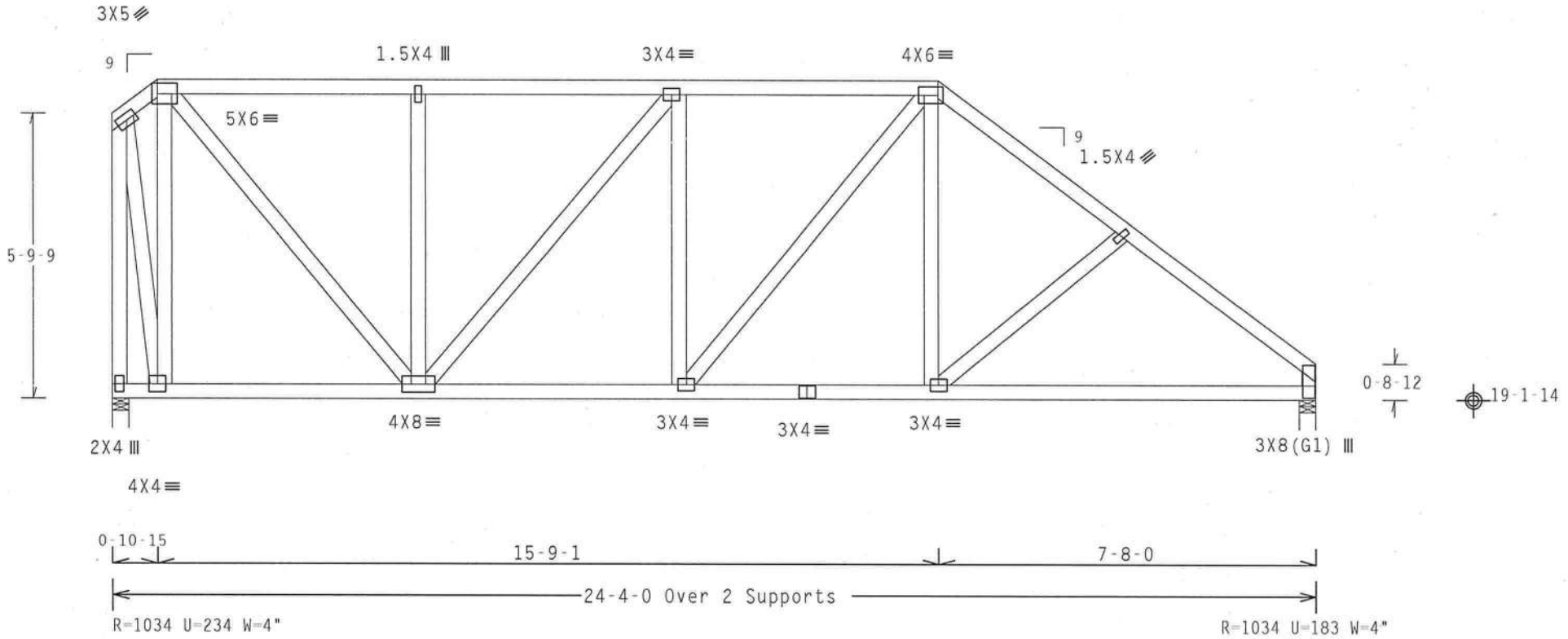
Left end vertical not exposed to wind pressure.

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

110 mph wind, 22.76 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.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

SEP 19 '08

TC LL	20.0 PSF	REF R8228- 93305
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263065
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41613
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - E3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Stubbed Wedge 2x4 SP #3:

Left end vertical not exposed to wind pressure.

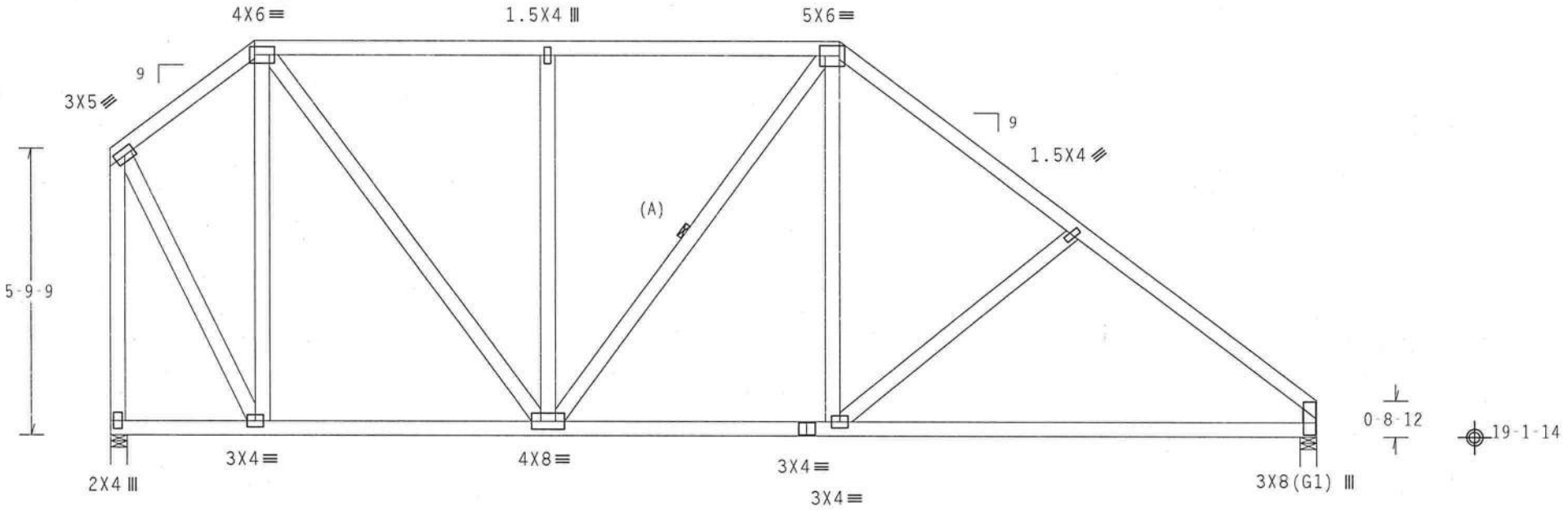
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

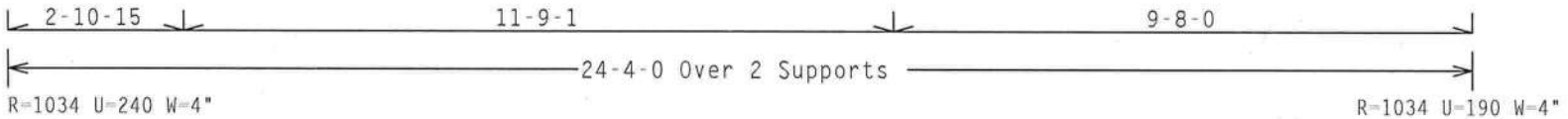
110 mph wind, 23.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. !w=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

p 19 '08

TC LL	20.0 PSF	REF	R8228- 93306
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263046
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41622
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - E4)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.821'

Left end vertical not exposed to wind pressure.

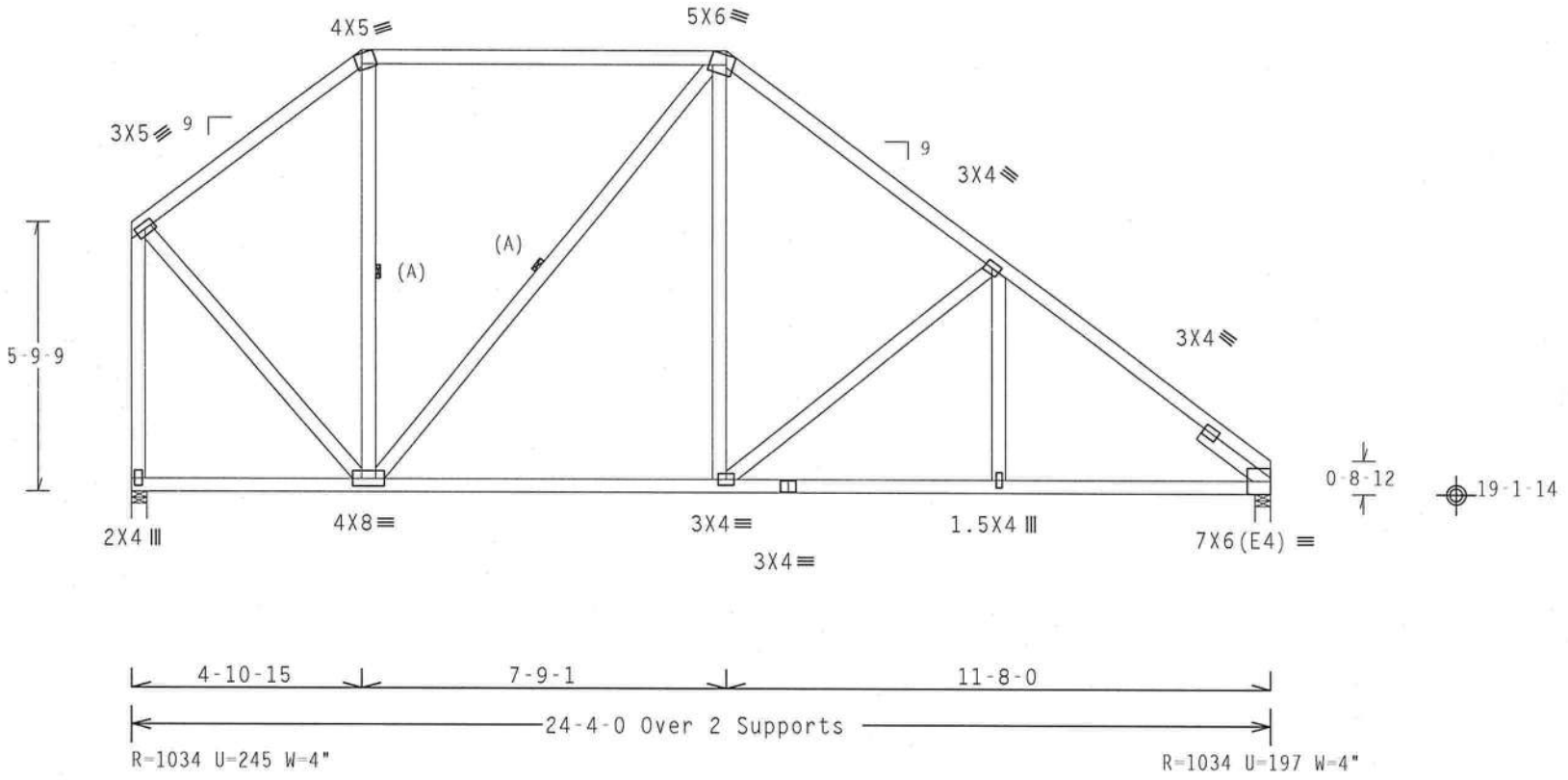
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 24.26 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) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00.0 [illegible]2

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 16GA-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.

DOUGLAS FLEMING LICENSE No 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible]19 '08

TC LL	20.0 PSF	REF R8228- 93307
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263038
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 41629
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - B2)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

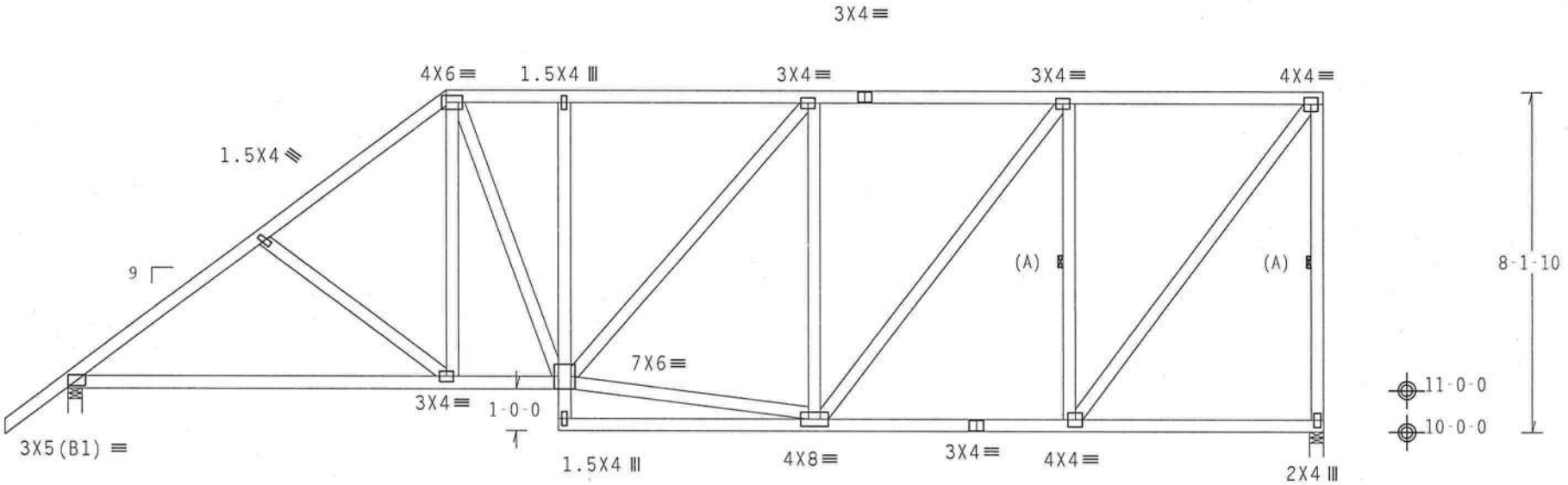
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

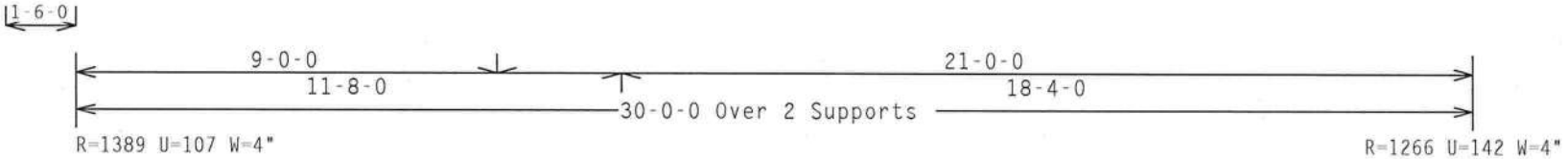
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228- 93308
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263039
BC LL	0.0 PSF	HC-ENG JB/DF *
TOT.LD.	40.0 PSF	SEQN- 41639
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - B3)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

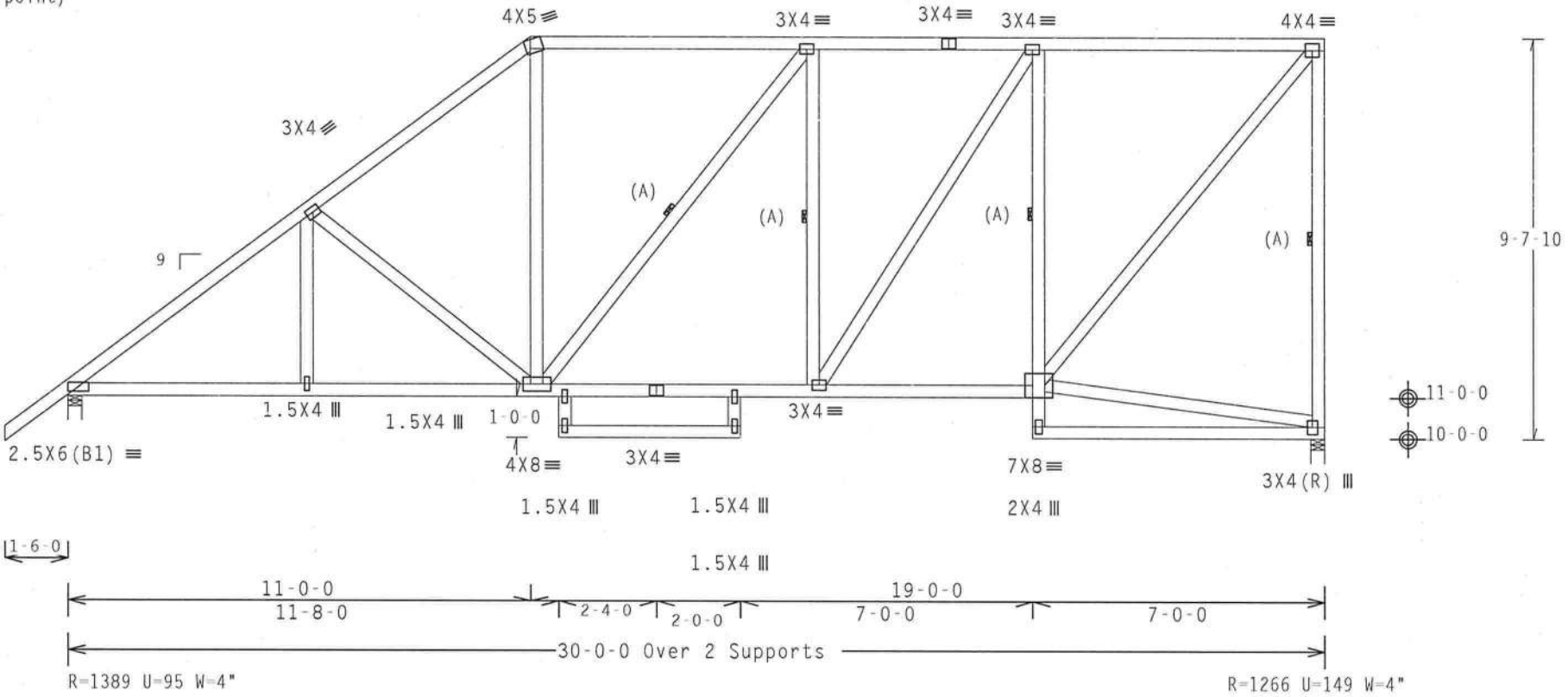
See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for filler details. Laterally brace chord above/below filler @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point)

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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 V3R1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93309
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263047
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	41646
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - B4)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

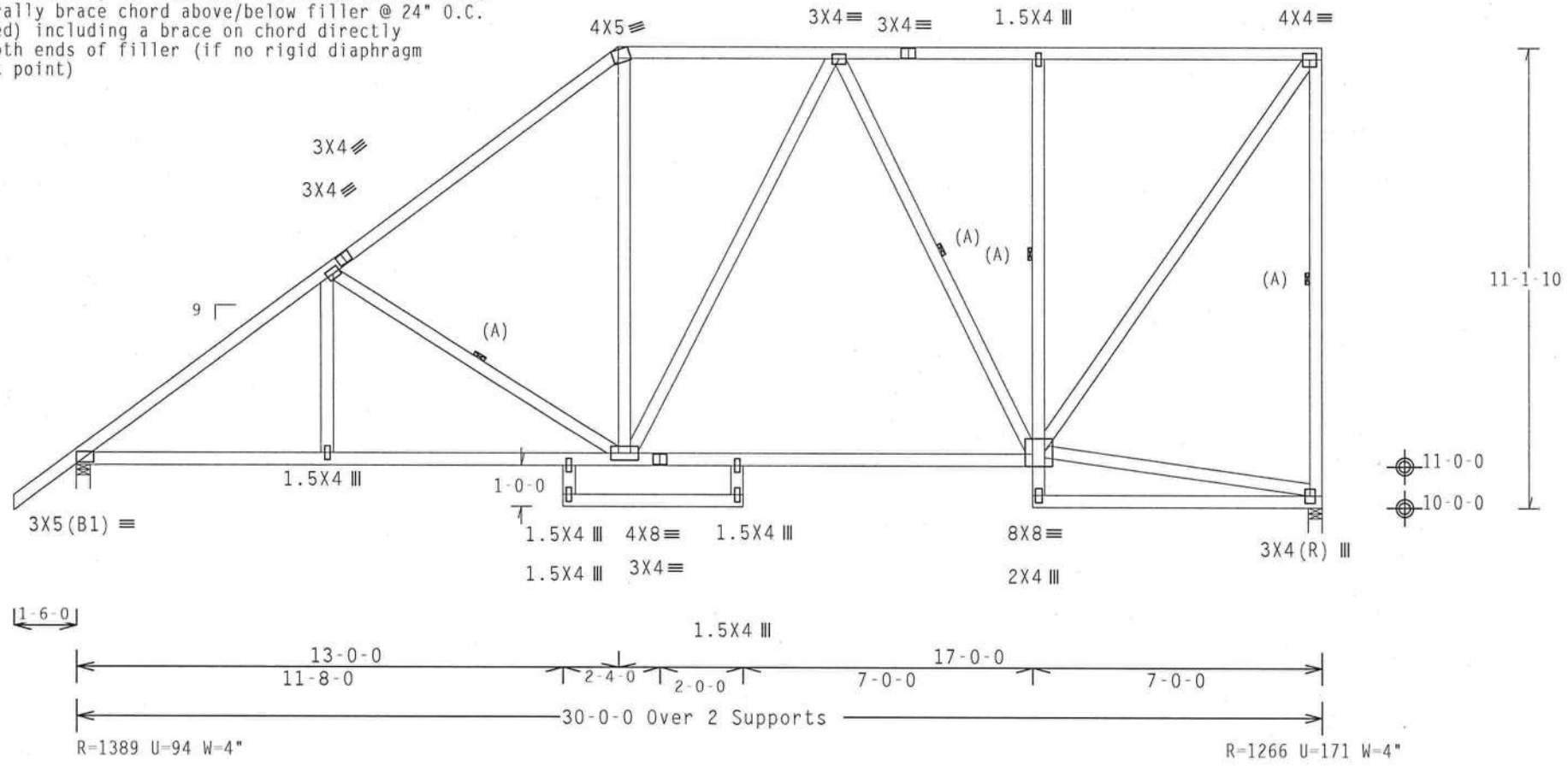
See detail BCFILLER0207, TCFILLER0207 and REPBCFIL for filler details. Laterally brace chord above/below filler @ 24" O.C. (or as designed) including a brace on chord directly above/below both ends of filler (if no rigid diaphragm exists at that point)

110 mph wind, 15.70 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. Creep increase factor for dead load is 1.50.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

19 '08

TC LL	20.0 PSF	REF	R8228- 93310
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263048
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41653
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

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

110 mph wind, 21.89 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

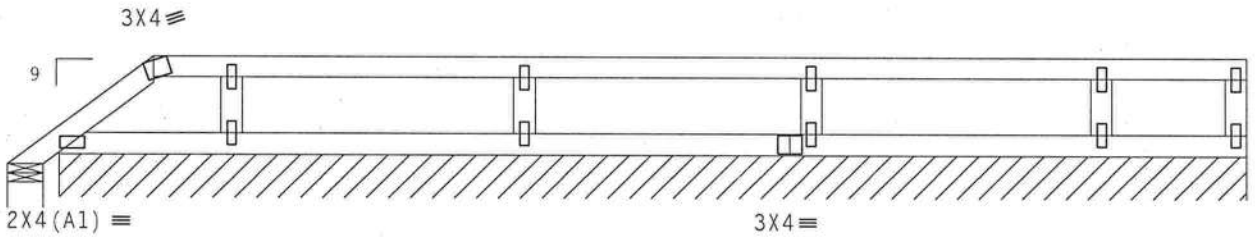
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

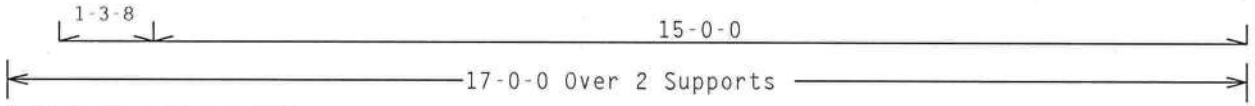
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	65 PLF at	0.00 to	65 PLF at	2.00
TC - From	65 PLF at	2.00 to	65 PLF at	17.00
BC - From	4 PLF at	0.00 to	4 PLF at	17.00

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

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





R=10 Rw=31 U=12 W=5.833"
R=70 PLF U=26 PLF W=16-3-8

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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'08

TC LL	20.0 PSF	REF	R8228- 93311
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263049
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	41659
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - PB8)

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

110 mph wind, 22.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

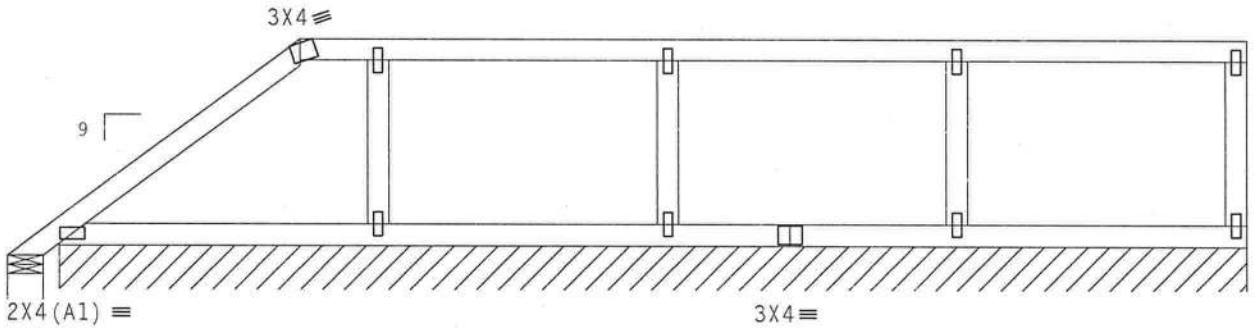
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 4.00
TC - From 65 PLF at 4.00 to 65 PLF at 17.00
BC - From 4 PLF at 0.00 to 4 PLF at 17.00

Right end vertical not exposed to wind pressure.

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



21-3-6
21-1-10

3-3-8
13-0-0
17-0-0 Over 2 Supports

R=-84 Rw=136 U=78 W=5.833"
R=76 PLF U=33 PLF W=16-3-8

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228- 93312
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263050
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41664
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - PB9)

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

110 mph wind, 23.39 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

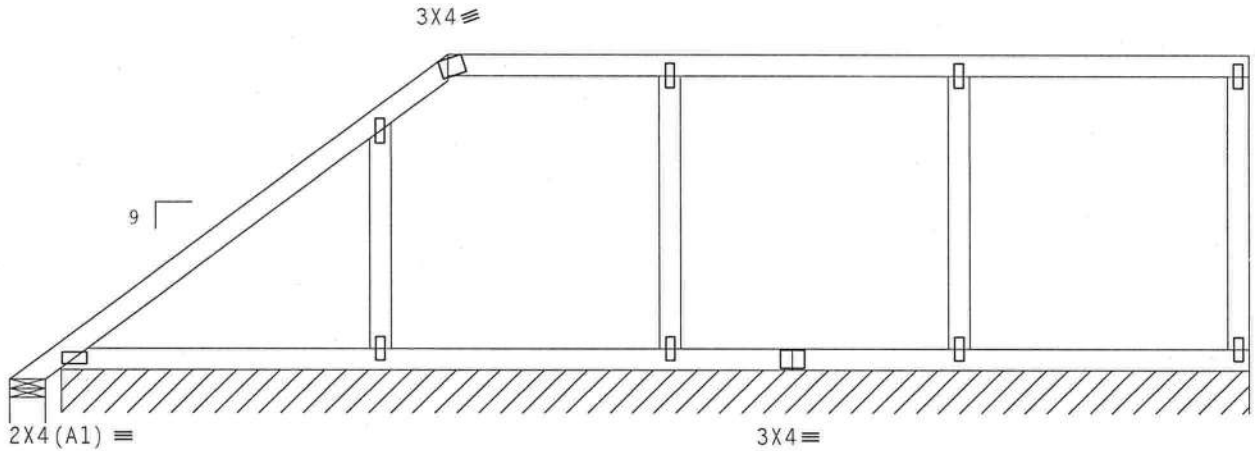
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 6.00
TC - From 65 PLF at 6.00 to 65 PLF at 17.00
BC - From 4 PLF at 0.00 to 4 PLF at 17.00

Right end vertical not exposed to wind pressure.

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



R=-80 Rw=180 U=93 W=5.833"
R=76 PLF U=36 PLF W=16-3-8

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93313
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263051
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41669
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - PB11)

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

110 mph wind, 24.14 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

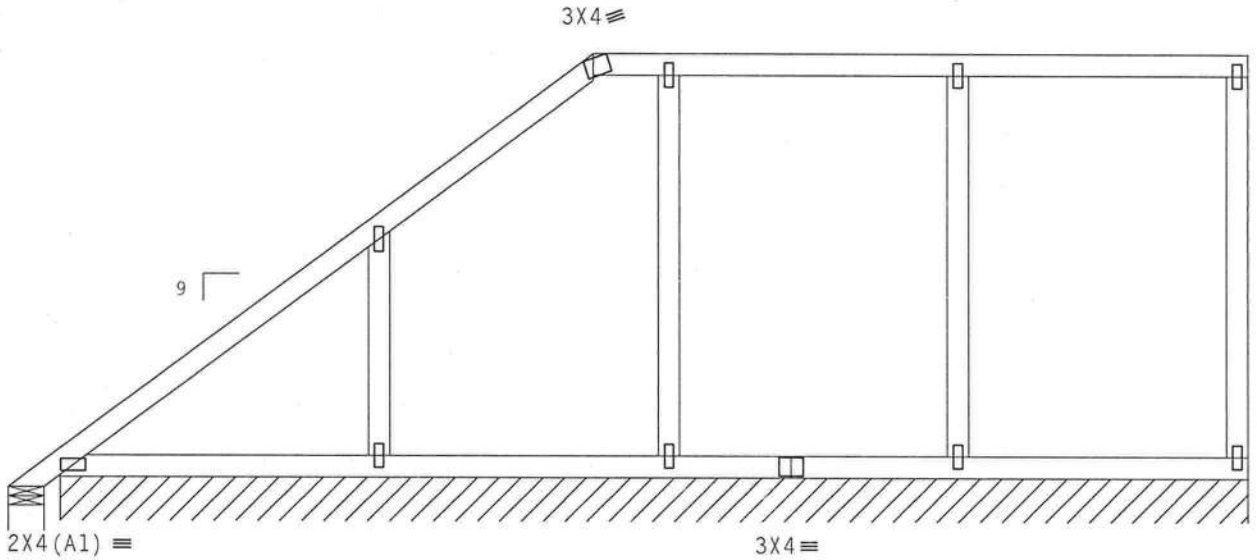
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 8.00
TC - From 65 PLF at 8.00 to 65 PLF at 17.00
BC - From 4 PLF at 0.00 to 4 PLF at 17.00

Right end vertical not exposed to wind pressure.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
9/19 '08

TC LL	20.0 PSF	REF	R8228- 93314
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263052
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	41674
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - PB12)

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

110 mph wind, 24.89 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

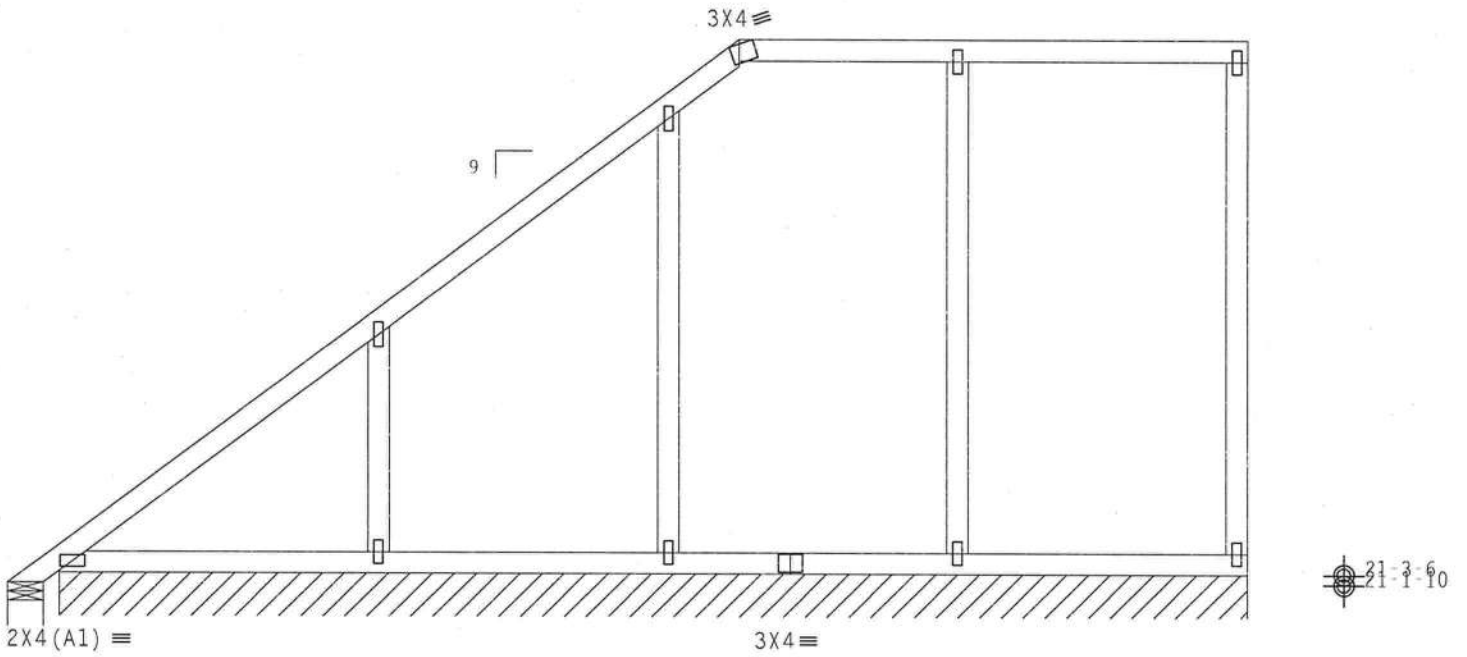
Wind reactions based on MWFRS pressures.

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 10.00
TC - From 65 PLF at 10.00 to 65 PLF at 17.00
BC - From 4 PLF at 0.00 to 4 PLF at 17.00

Right end vertical not exposed to wind pressure.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93315
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263053
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	41679
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - FGE)

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

Roof overhang supports 2.00 psf soffit load.

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.

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

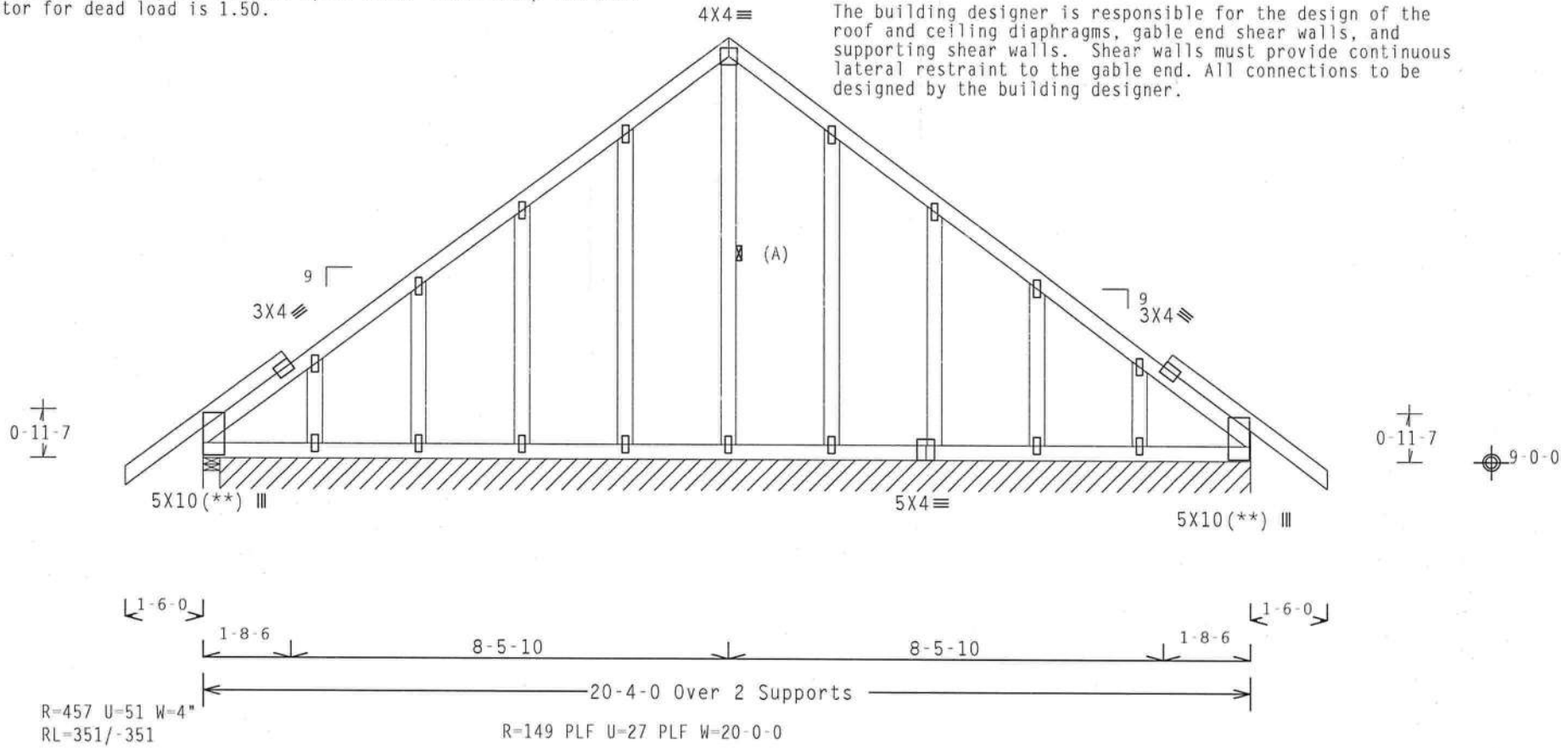
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 8.03.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF	R8228- 93316
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263056
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	11189 REV
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

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

End verticals not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

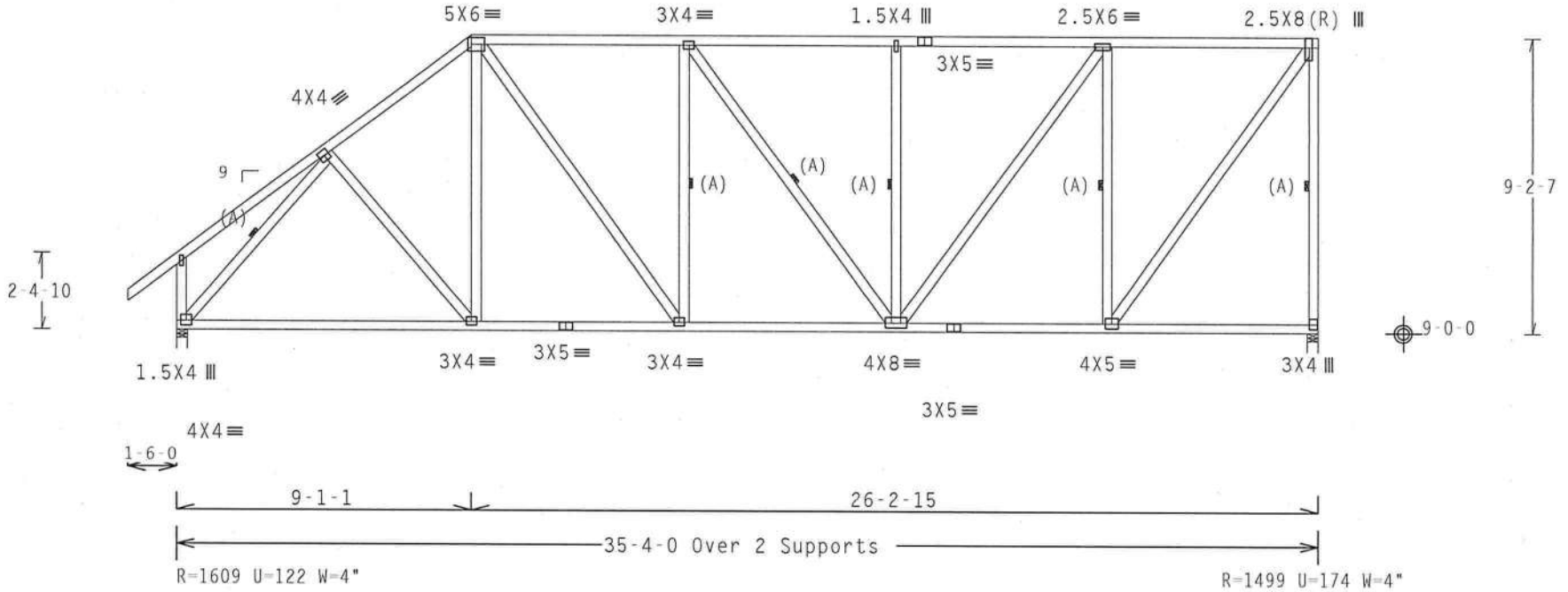
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/-

Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 19 '08

TC LL	20.0 PSF	REF R8228- 93317
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263054
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41690
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

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

End verticals not exposed to wind pressure.

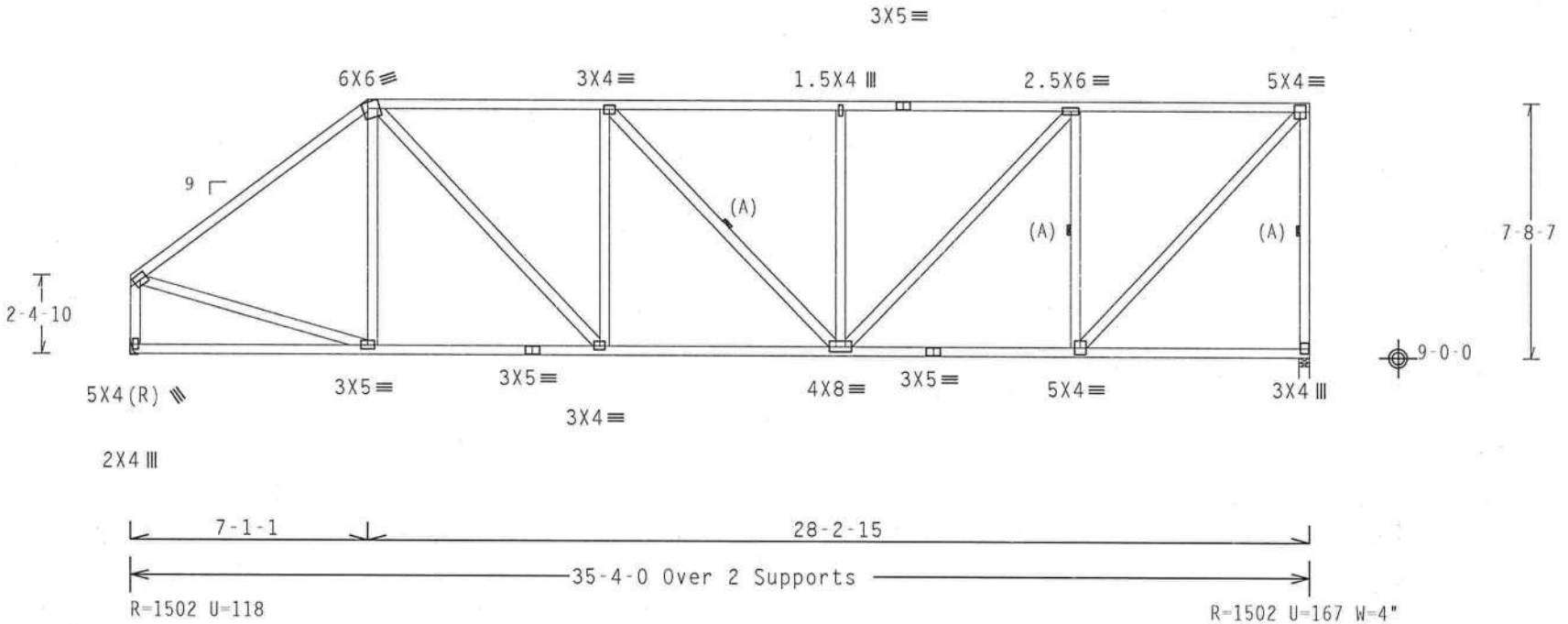
(A) Continuous lateral bracing equally spaced on member.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF	R8228- 93318
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263001
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	42534
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - A9)

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

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

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

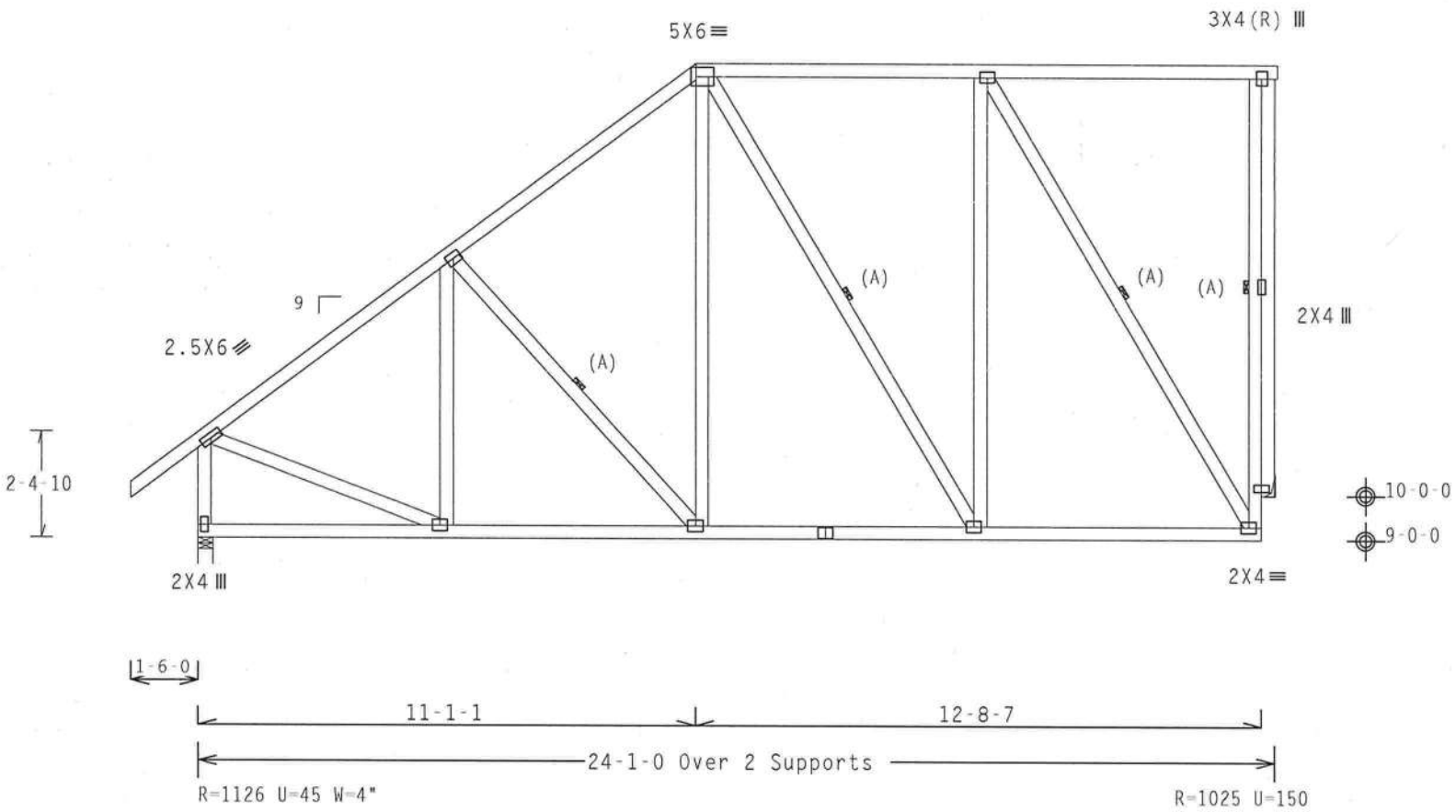
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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 TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI1. 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.

DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

SEP 19 '08

TC LL	20.0 PSF	REF	R8228- 93319
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263002
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	42593
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - A8)

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

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

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

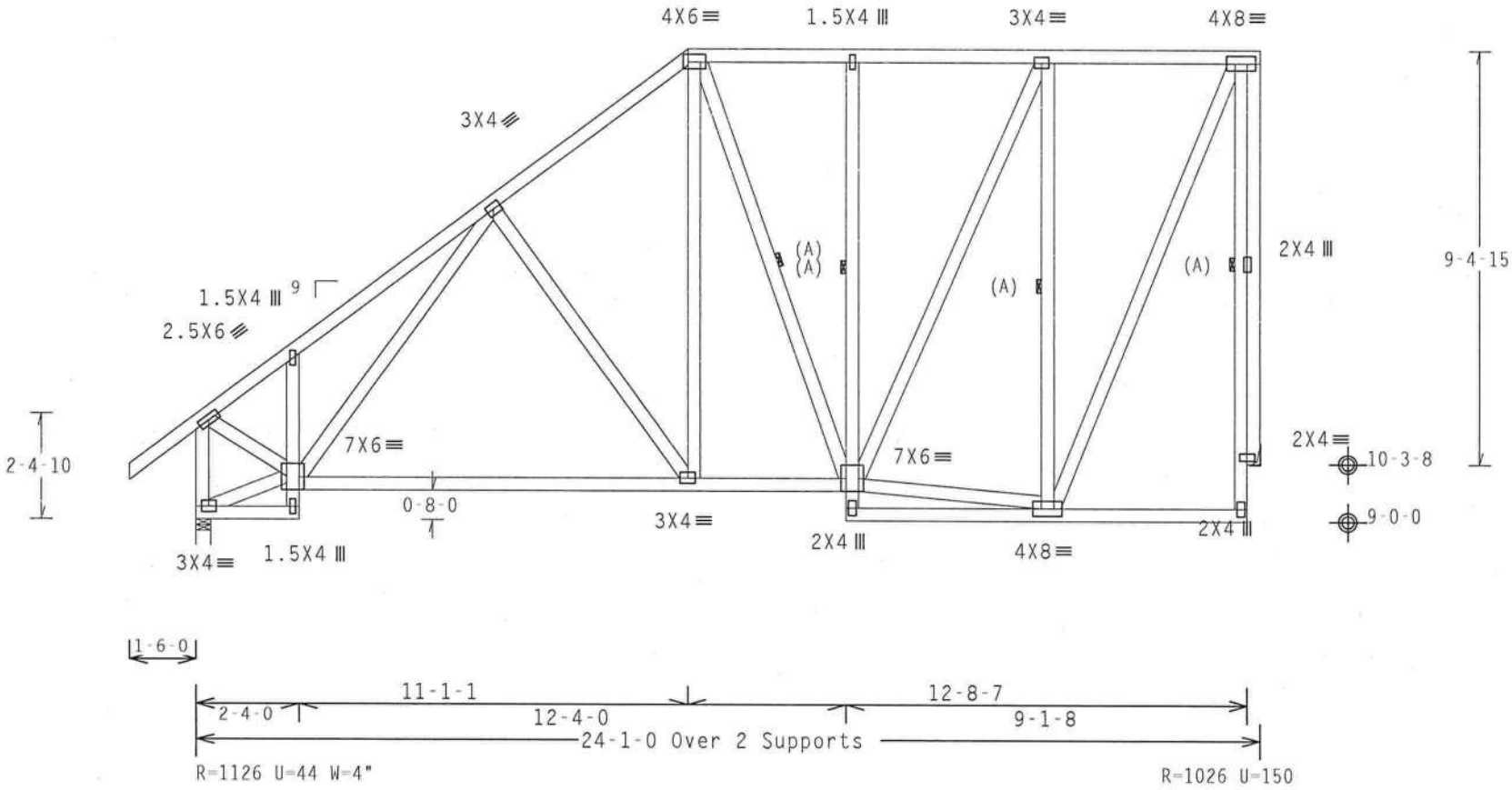
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93320
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263003
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	42598
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - A7)

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

Left end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

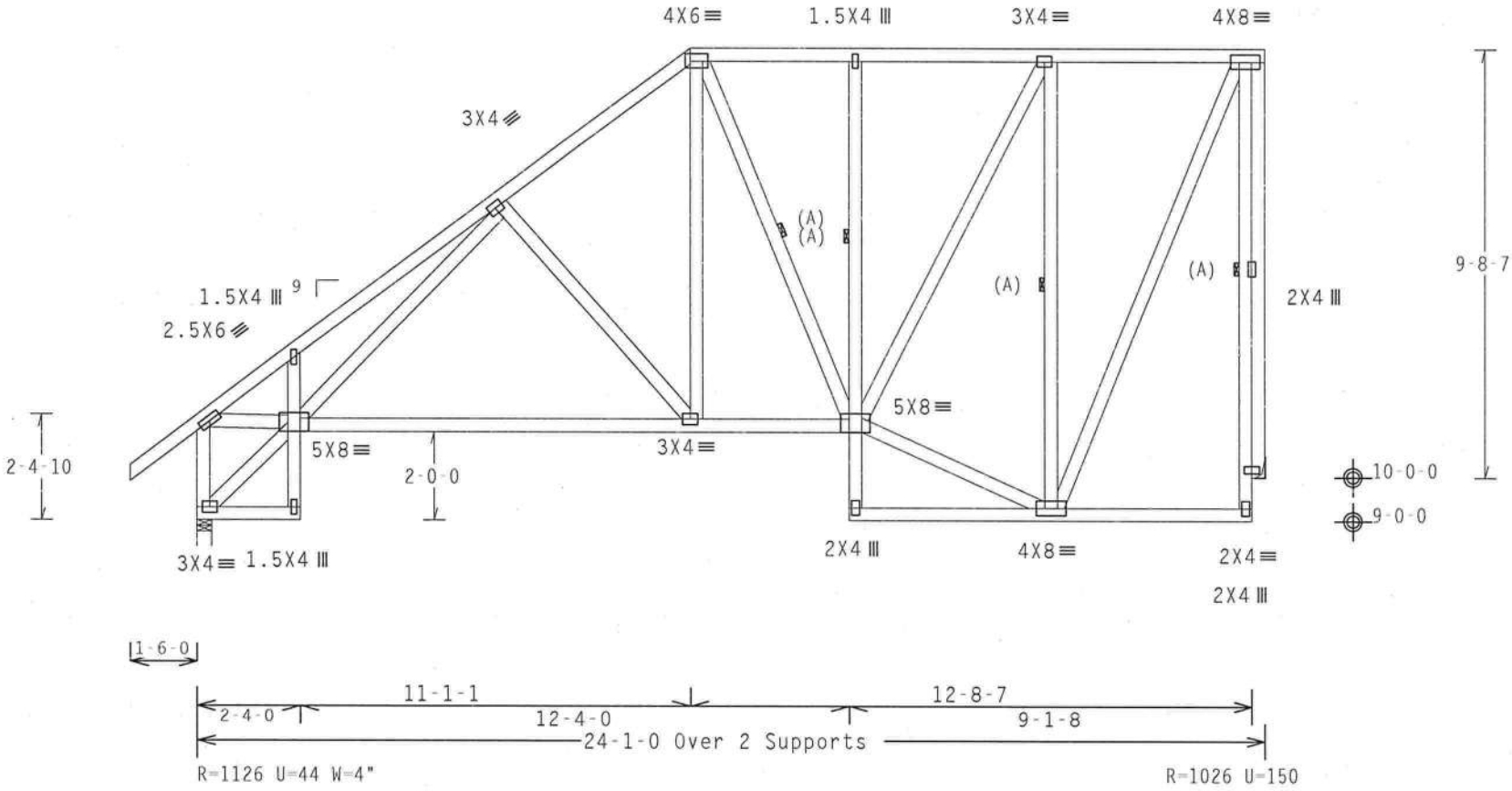
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93321
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263004
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	42603
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later --, ** - PB6)

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

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

110 mph wind, 24.20 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

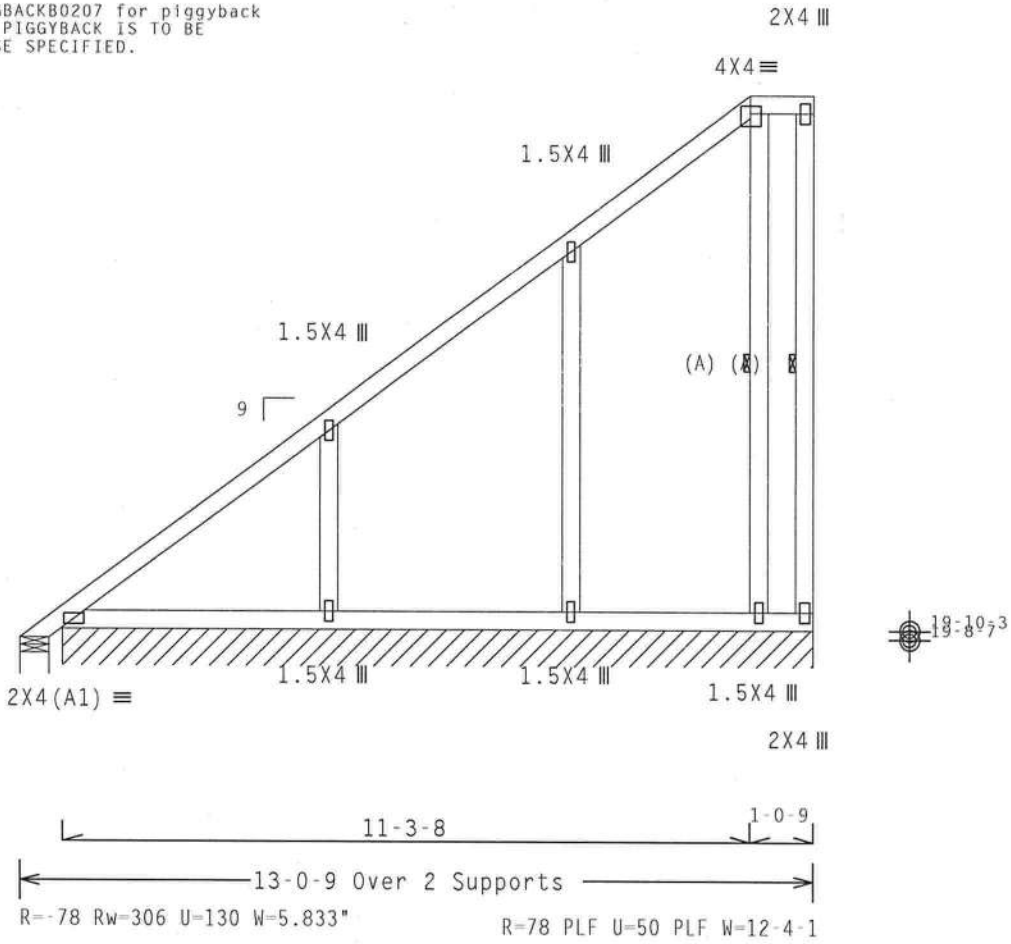
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 12.00
TC - From 65 PLF at 12.00 to 65 PLF at 13.05
BC - From 4 PLF at 0.00 to 4 PLF at 13.05

Right end vertical not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.36.00.0 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
[illegible] 19 '08

TC LL	20.0 PSF	REF R8228- 93322
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263005
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41747
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

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

110 mph wind, 23.45 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

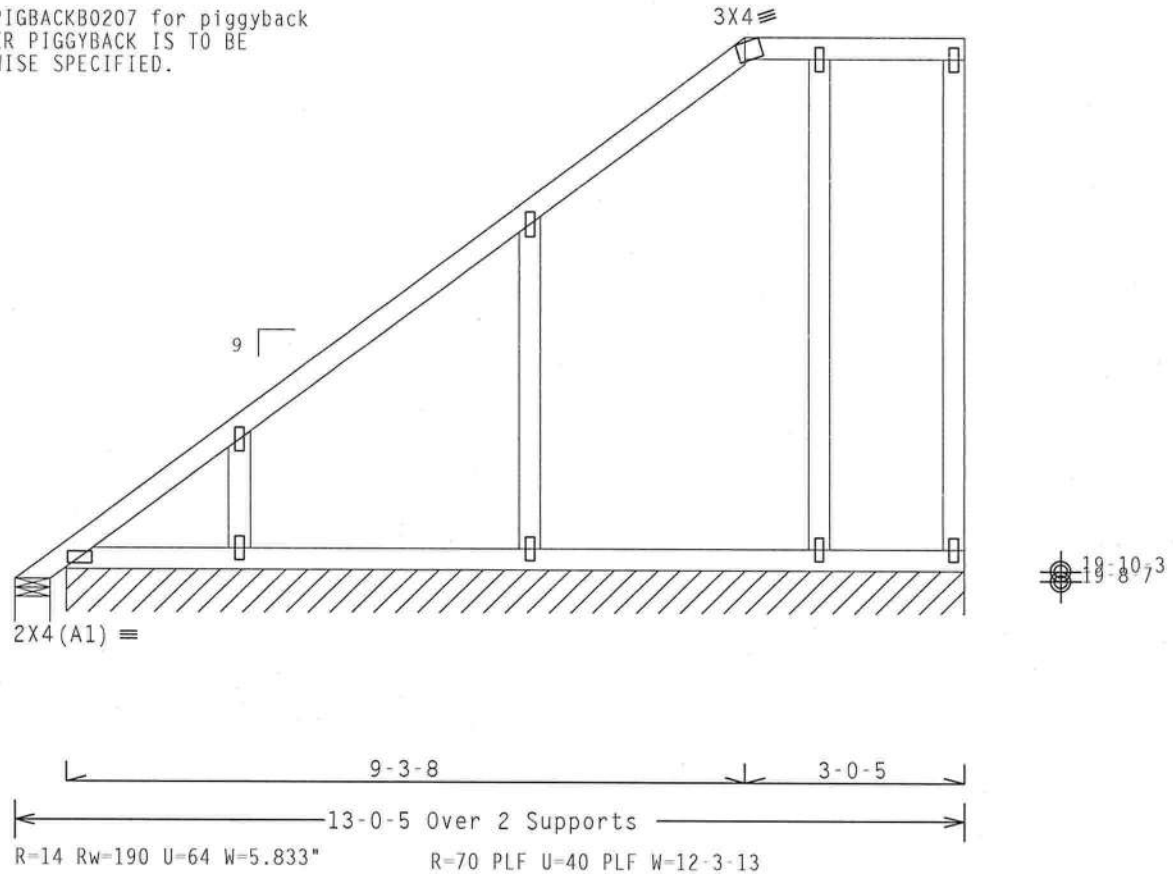
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

TC - From	65 PLF at	0.00 to	65 PLF at	10.00
TC - From	65 PLF at	10.00 to	65 PLF at	13.03
BC - From	4 PLF at	0.00 to	4 PLF at	13.03

Right end vertical not exposed to wind pressure.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
09/19 '08

TC LL	20.0 PSF	REF R8228- 93323
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263006
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41751
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - PB4)

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

110 mph wind, 22.70 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

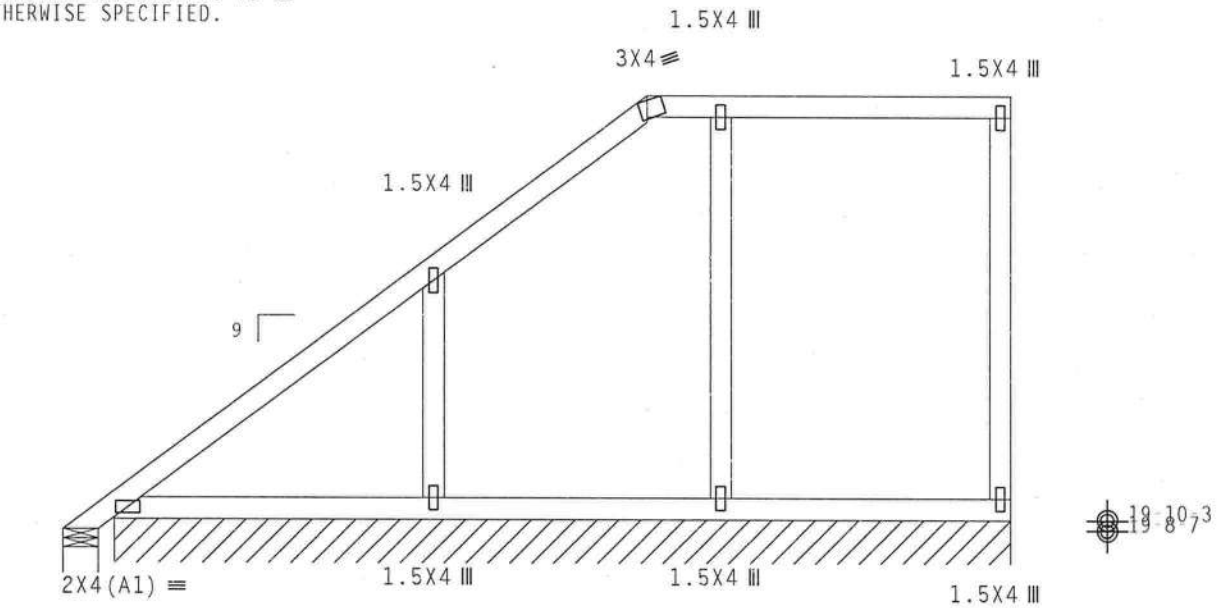
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

TC - From	65 PLF at	0.00 to	65 PLF at	8.00
TC - From	65 PLF at	8.00 to	65 PLF at	13.00
BC - From	4 PLF at	0.00 to	4 PLF at	13.00

Right end vertical not exposed to wind pressure.

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



R=-83 Rw=211 U=101 W=5.833"
R=78 PLF U=41 PLF W=12-3-9

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
19 '08

TC LL	20.0 PSF	REF	R8228- 93324
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263007
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41757
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - PB3)

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

110 mph wind, 21.95 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

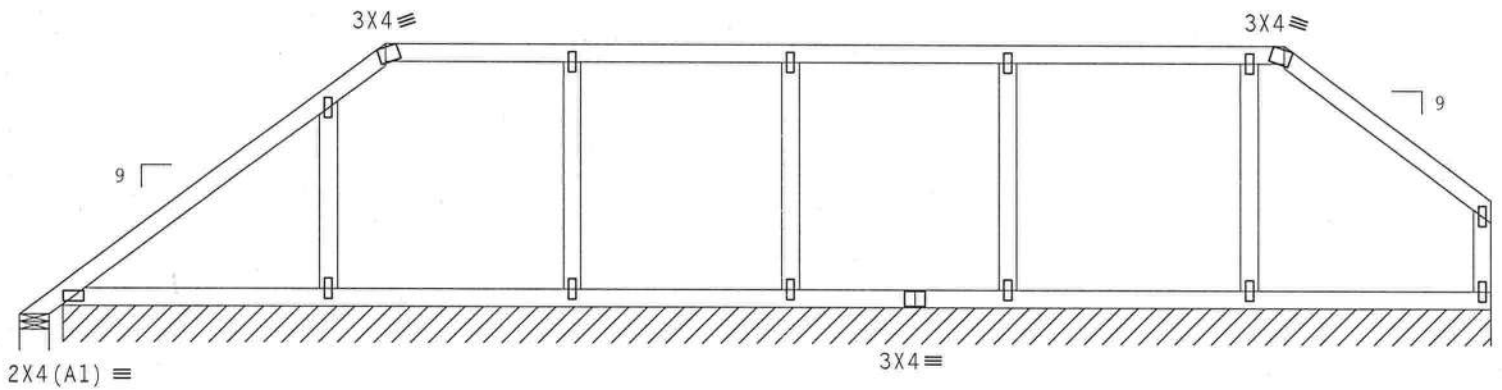
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

TC	From	65 PLF	at	0.00	to	65 PLF at 6.00
TC	From	65 PLF	at	6.00	to	65 PLF at 20.82
TC	From	65 PLF	at	20.82	to	65 PLF at 24.24
BC	From	4 PLF	at	0.00	to	4 PLF at 24.24

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



R=-79 Rw=117 U=109 W=5.833"
R=74 PLF U=28 PLF W=23-6-7

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93325
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263008
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN-	41762
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - PB2)

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

110 mph wind, 21.20 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

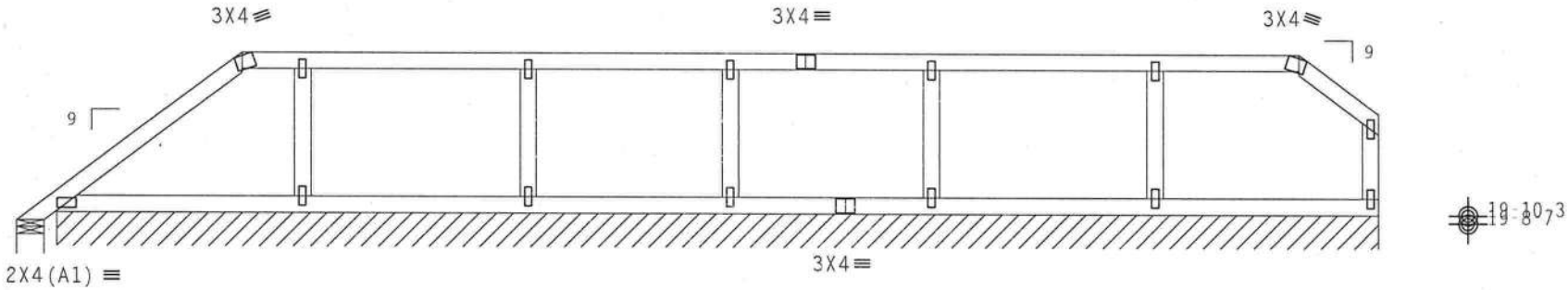
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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

TC - From	65 PLF	at	0.00	to	65 PLF	at 4.00
TC - From	65 PLF	at	4.00	to	65 PLF	at 22.82
TC - From	65 PLF	at	22.82	to	65 PLF	at 24.24
BC - From	4 PLF	at	0.00	to	4 PLF	at 24.24

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
9 19 '08

TC LL	20.0 PSF	REF	R8228- 93326
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263009
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41767
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- . ** - PB1)

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

110 mph wind, 20.45 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

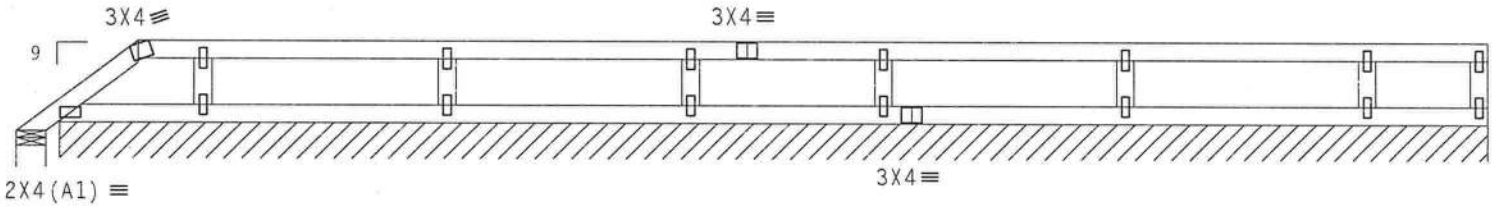
Wind reactions based on MWFRS pressures.

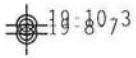
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

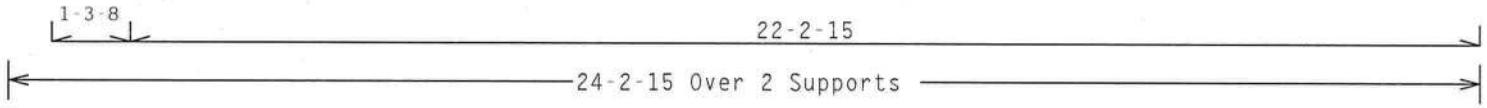
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 2.00
TC - From 65 PLF at 2.00 to 65 PLF at 24.24
BC - From 4 PLF at 0.00 to 4 PLF at 24.24

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

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







R=9 Rw=30 U=12 W=5.833"
R=70 PLF U=23 PLF W=23-6-7

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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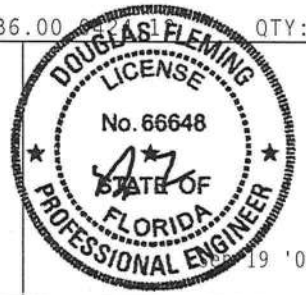


TC LL	20.0 PSF	REF R8228- 93327
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263010
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41772
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - A4)

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

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

End verticals not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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

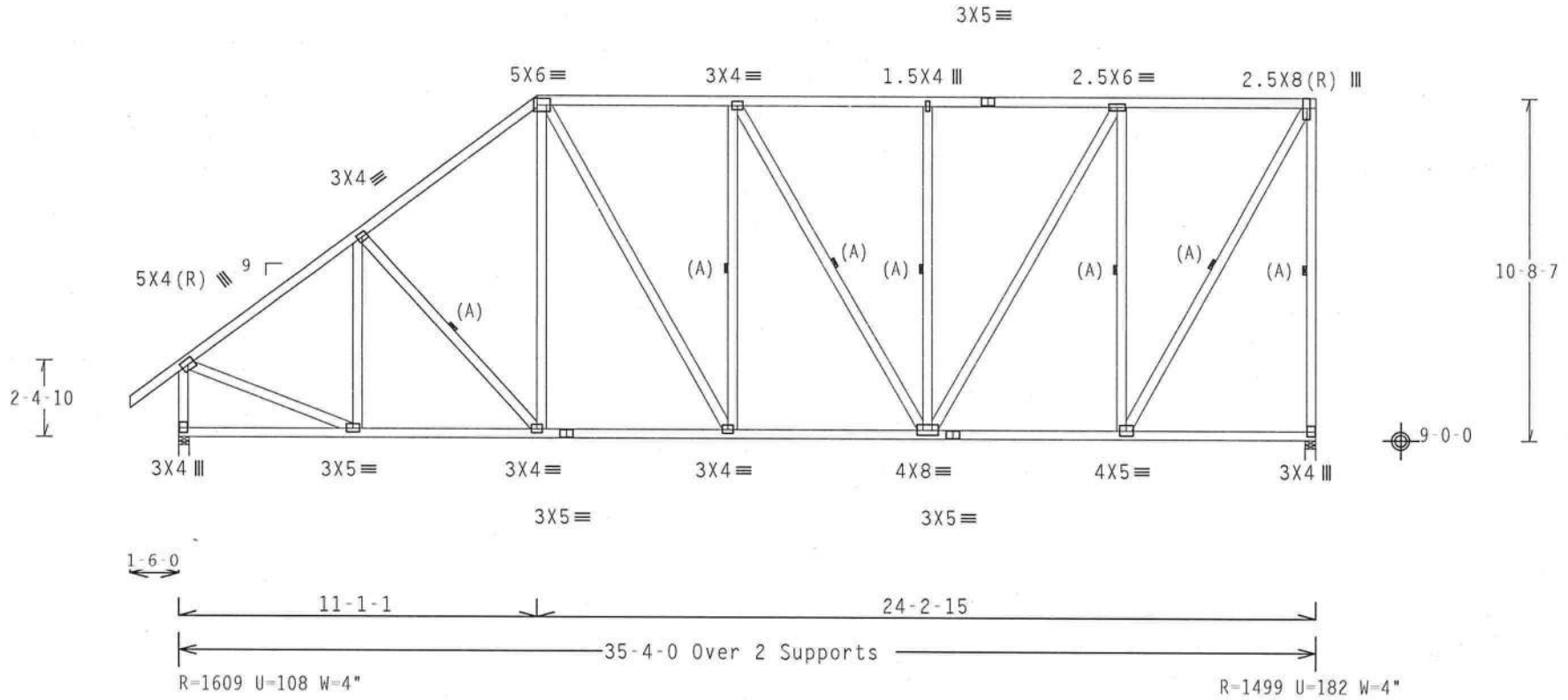
Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

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) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

PLT TYP. Wave

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

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

19 '08

TC LL	20.0 PSF	REF R8228- 93328
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263011
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41777
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - A5)

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

End verticals not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

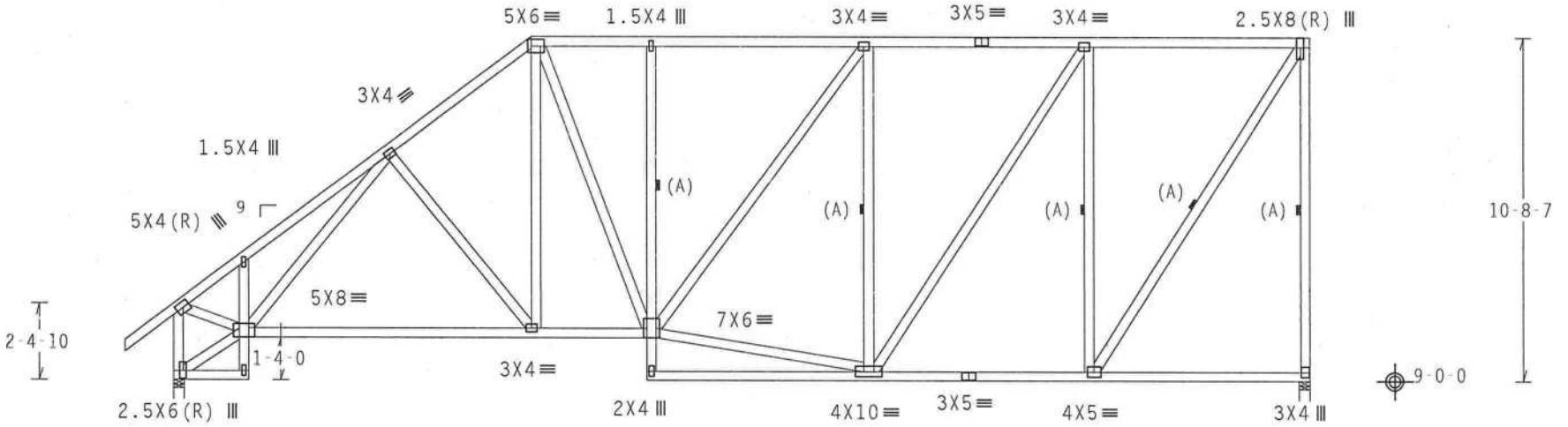
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.00

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

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93329
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263012
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41782
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - A6)

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

End verticals not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

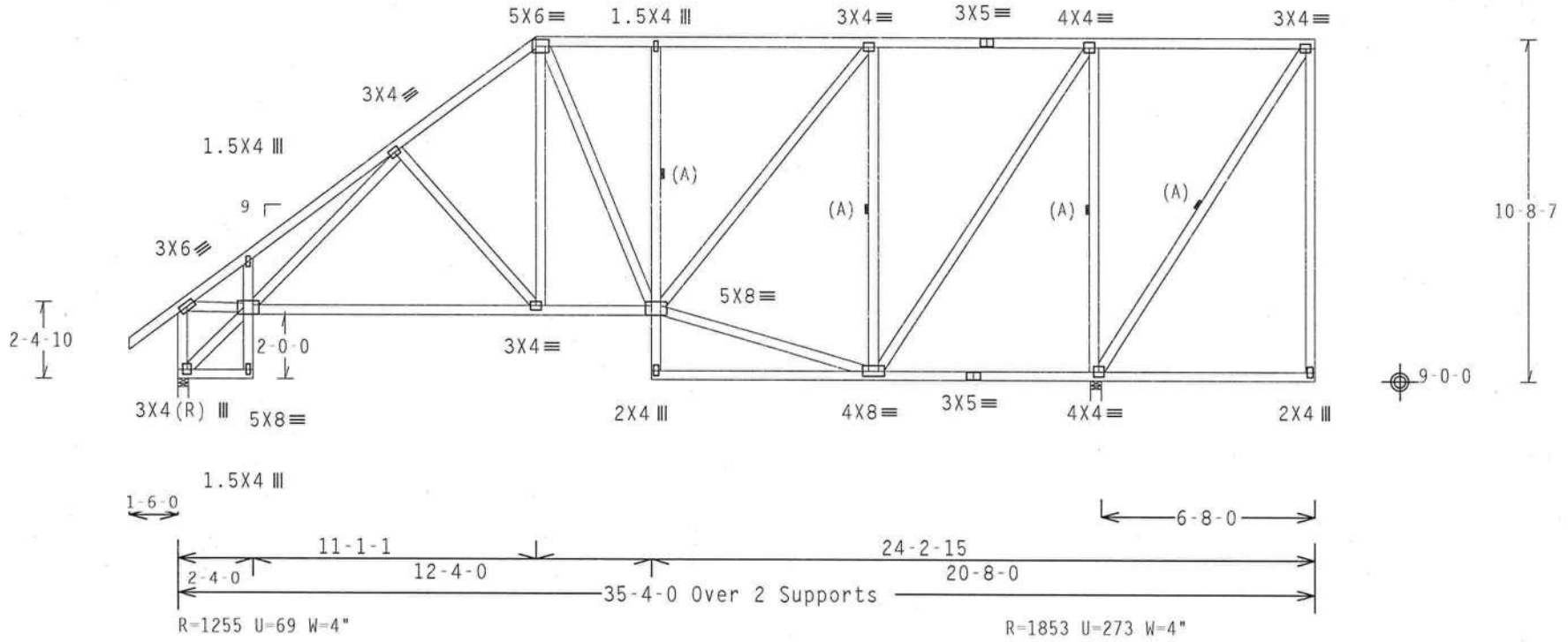
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER

Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93330
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263013
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	41787
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - PB13)

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

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 11.08
TC - From 65 PLF at 11.08 to 65 PLF at 16.67
TC - From 65 PLF at 16.67 to 65 PLF at 22.67
BC - From 4 PLF at 0.00 to 4 PLF at 22.67

Wind reactions based on MWFRS pressures.

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

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details. PORTION OF TRUSS UNDER PIGGYBACK IS TO BE BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

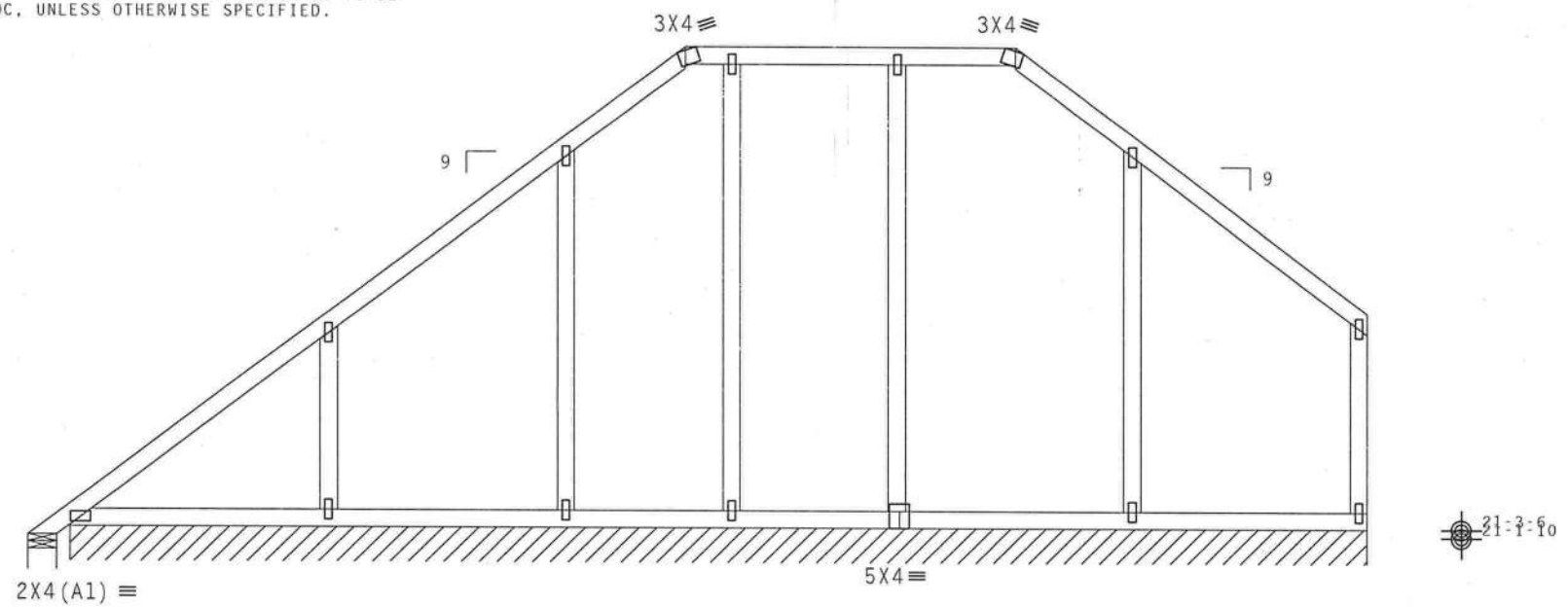
2 COMPLETE TRUSSES REQUIRED

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

110 mph wind, 25.29 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

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



10-4-8 | 5-7-1 | 5-11-15

22-8-0 Over 2 Supports

R=-78 Rw=170 U=159 W=5.833"
R=74 PLF U=33 PLF W=21-11-8

Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
19 '08

TC LL	20.0 PSF	REF R8228- 93331
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263014
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 41798
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - B5G)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense :B1 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W7, W14, W19 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at -1.50 to 65 PLF at 7.93
TC - From 65 PLF at 7.93 to 65 PLF at 13.00
TC - From 65 PLF at 13.00 to 65 PLF at 27.00
TC - From 65 PLF at 27.00 to 65 PLF at 35.67
BC - From 5 PLF at -1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 11.67
BC - From 20 PLF at 11.67 to 20 PLF at 25.67
BC - From 20 PLF at 25.67 to 20 PLF at 35.67
BC - 1200 LB Conc. Load at 15.67, 19.67, 21.67, 25.67, 27.67 29.67, 31.67, 33.67
BC - 2400 LB Conc. Load at 17.67, 23.67
BC - 1026 LB Conc. Load at 30.54, 32.67, 34.54

(A) Continuous lateral bracing equally spaced on member.

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

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"._min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 3.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

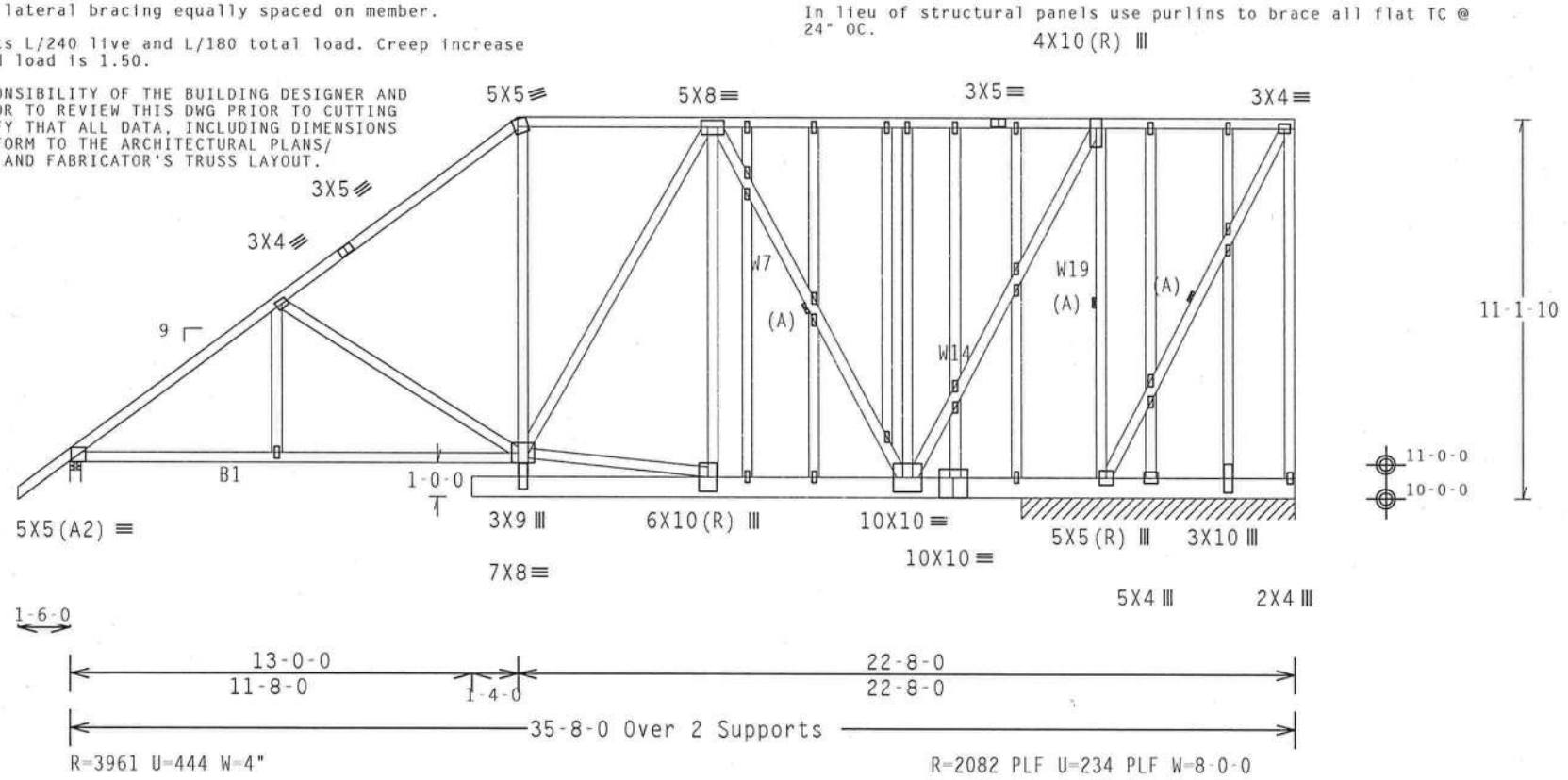
110 mph wind, 15.70 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Roof overhang supports 2.00 psf soffit load.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
9 19 '08

TC LL	20.0 PSF	REF	R8228- 93332
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263057
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	42607
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - CGE)

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

Roof overhang supports 2.00 psf soffit load.

Truss spaced at 24.0" OC designed to support 1-6-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Deflection meets L/180 live and L/120 total load. Creep increase factor for dead load is 1.50.

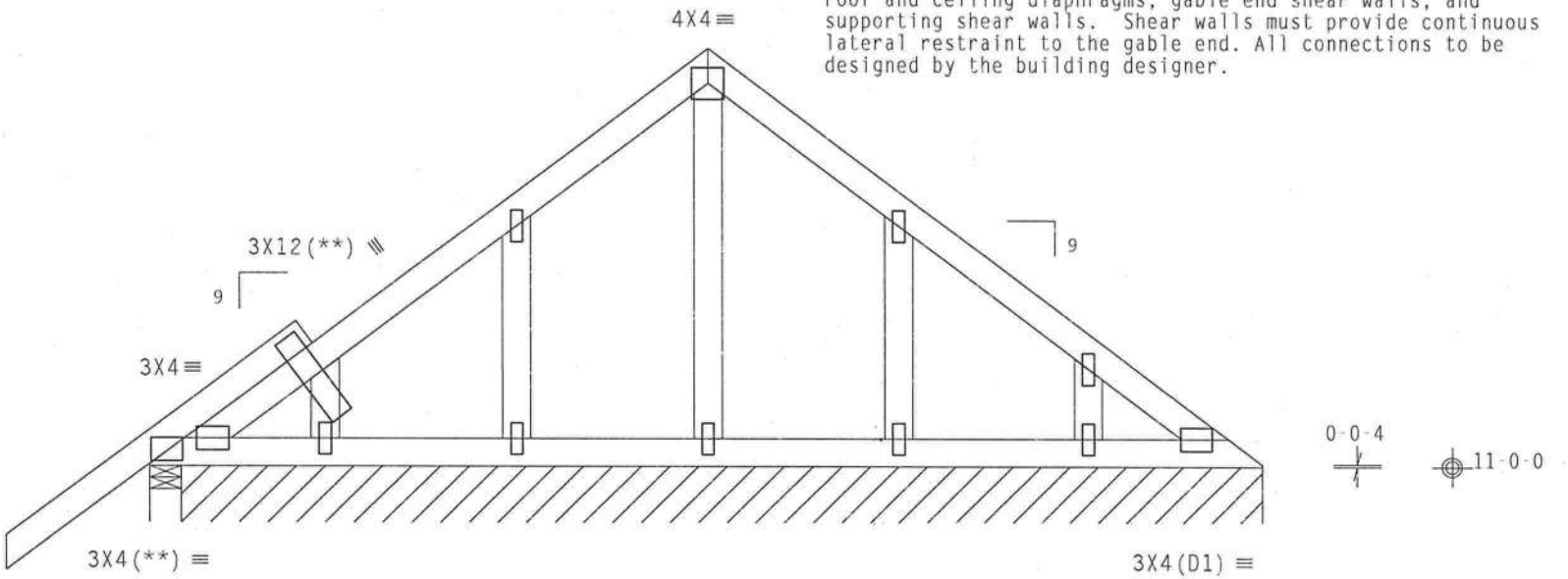
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

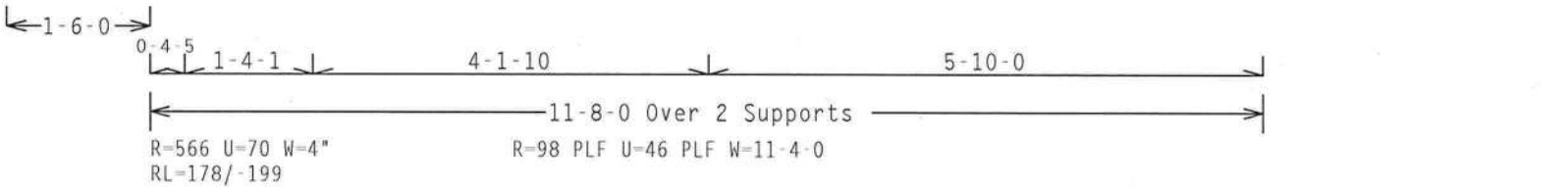
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf.

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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





Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 8.03.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF R8228- 93333
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263058
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 11191 REV
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - L2)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.

Roof overhang supports 2.00 psf soffit load.

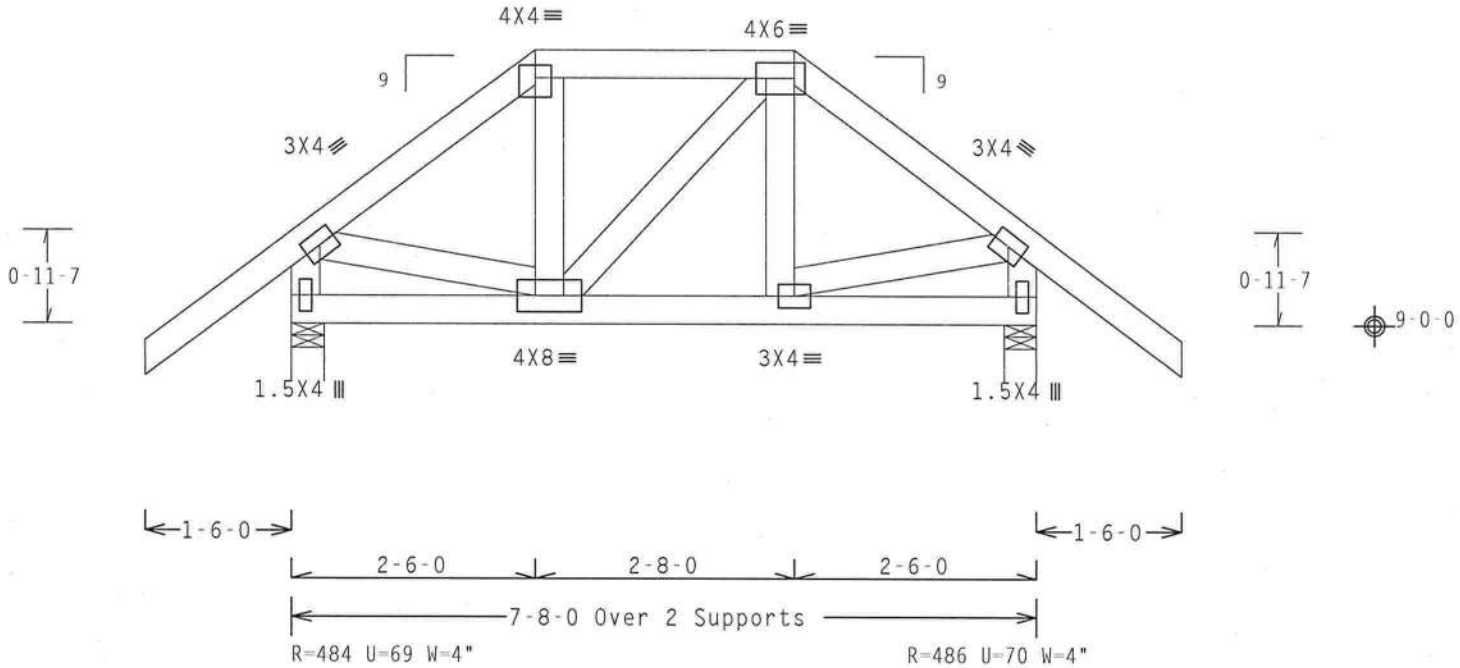
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER AND TRUSS FABRICATOR TO REVIEW THIS DWG PRIOR TO CUTTING LUMBER TO VERIFY THAT ALL DATA, INCLUDING DIMENSIONS AND LOADS, CONFORM TO THE ARCHITECTURAL PLANS/ SPECIFICATIONS AND FABRICATOR'S TRUSS LAYOUT.

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

TC - From	65 PLF	at	-1.50	to	65 PLF	at	2.50
TC - From	65 PLF	at	2.50	to	65 PLF	at	5.17
TC - From	65 PLF	at	5.17	to	65 PLF	at	9.17
BC - From	5 PLF	at	-1.50	to	5 PLF	at	0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at	7.67
BC - From	5 PLF	at	7.67	to	5 PLF	at	9.17
BC -	36 LB Conc. Load	at	2.60,		4.06,		5.07

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0	PSF	REF R8228- 93334
TC DL	10.0	PSF	DATE 09/19/08
BC DL	10.0	PSF	DRW HCUSR8228 08263059
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN- 42505
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1TL28228Z01

(8-231--Fill in later -- , ** - A1)

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 5.09
TC - From 65 PLF at 5.09 to 65 PLF at 35.33
BC - From 20 PLF at 0.00 to 20 PLF at 35.33
TC - 387 LB Conc. Load at 5.15
TC - 206 LB Conc. Load at 7.15, 9.15, 11.15, 13.15, 15.15 17.15, 19.15, 21.15, 23.15, 25.15, 27.15, 29.15, 31.15, 33.15 35.15
BC - 196 LB Conc. Load at 5.09
BC - 80 LB Conc. Load at 7.15, 9.15, 11.15, 13.15, 15.15 17.15, 19.15, 21.15, 23.15, 25.15, 27.15, 29.15, 31.15, 33.15 35.15

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

2 COMPLETE TRUSSES REQUIRED

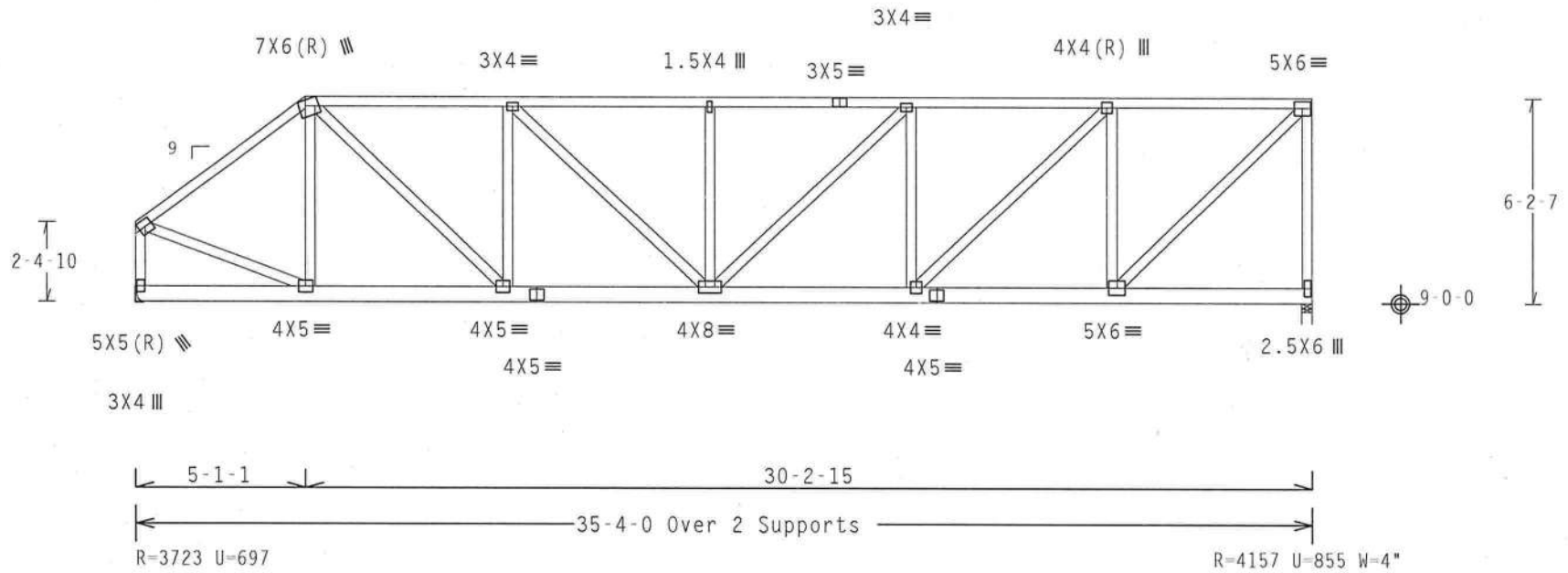
Nailing Schedule: (10d Box or Gun (0.128"x3", min.) nails)
Top Chord: 1 Row @11.50" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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.

End verticals not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF	R8228- 93335
TC DL	10.0 PSF	DATE	09/19/08
BC DL	10.0 PSF	DRW	HCUSR8228 08263060
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	42527
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TL28228Z01

(8-231--Fill in later -- , ** - L1G)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3
:Lt Wedge 2x4 SP #3::Rt Wedge 2x6 SP #2:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 65 PLF at 0.00 to 65 PLF at 3.83
TC - From 65 PLF at 3.83 to 65 PLF at 7.67
BC - From 20 PLF at 0.00 to 20 PLF at 7.67
BC - 46 LB Conc. Load at 1.09
BC - 131 LB Conc. Load at 3.09
BC - 3723 LB Conc. Load at 5.13
BC - 1502 LB Conc. Load at 7.06

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

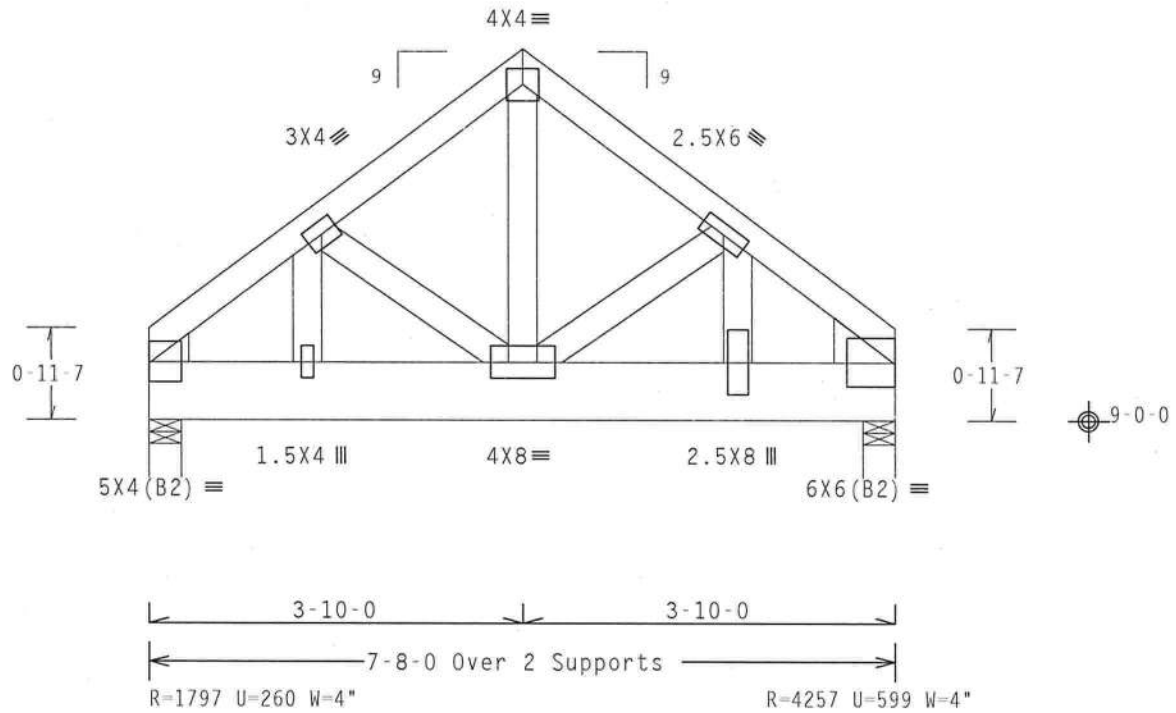
TRUSS MAY NOT BE INSTALLED END FOR END.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, 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.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.00 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Sep 19 '08

TC LL	20.0 PSF	REF R8228- 93336
TC DL	10.0 PSF	DATE 09/19/08
BC DL	10.0 PSF	DRW HCUSR8228 08263061
BC LL	0.0 PSF	HC-ENG JB/DF
TOT.LD.	40.0 PSF	SEQN- 42561
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TL28228Z01

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.

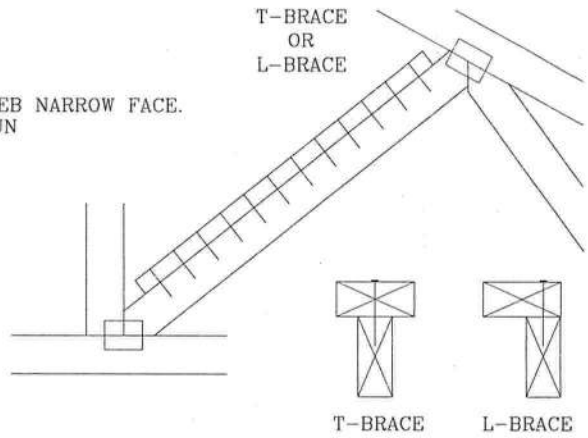
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

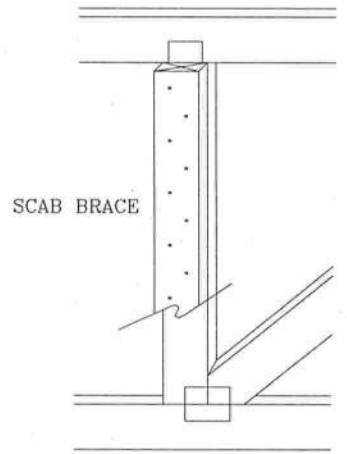
T-BRACING OR L-BRACING:

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

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.

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jan 9 '08

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		

PIGGYBACK DETAIL

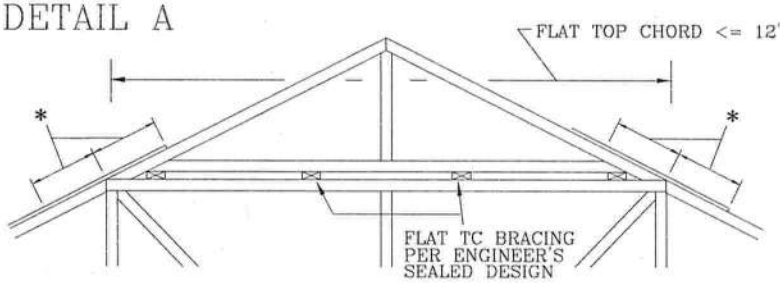
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATLY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

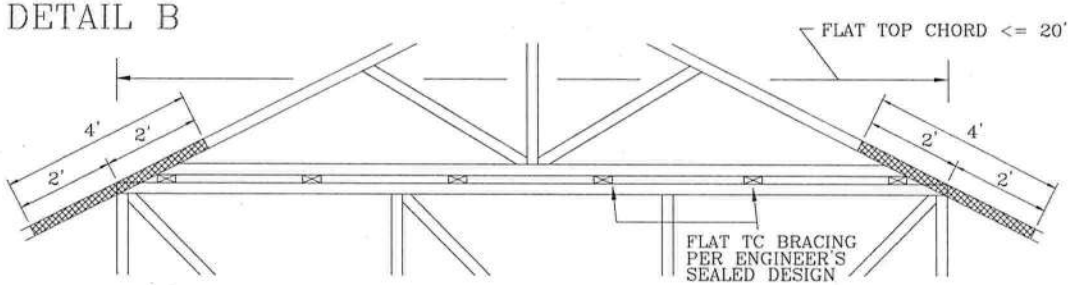
DETAIL A



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

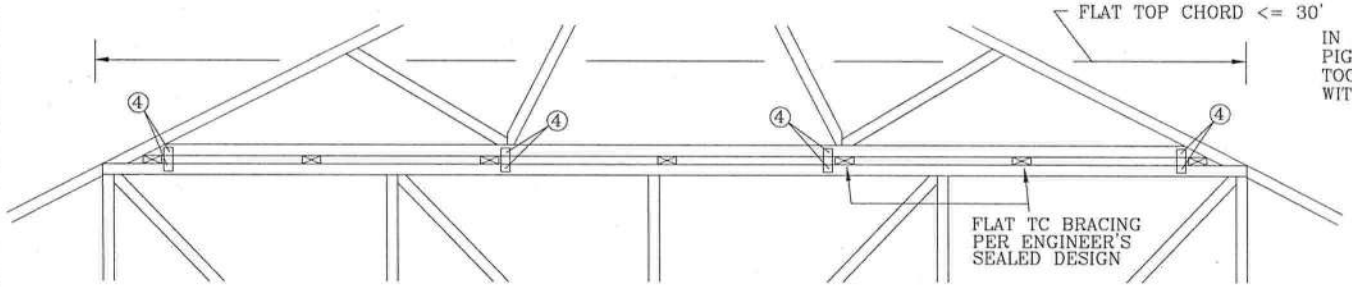
DETAIL B



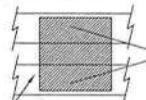
PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

DETAIL C

CAP TRUSS TOENAILED TO TOP CHORD BRACING AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS. CIRCLED NUMBER INDICATES REQUIRED NUMBER OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 160TL FOR TRULOX INFORMATION.



IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.



8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING
LICENSE
No. 66648
2/19/09
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

TC LL	PSF	REF	PIGGYBACK
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	PIGBACKA0207
BC LL	PSF	-ENG	DLJ/KAR
TOT. LD.	MAX 60 PSF		
DUR. FAC.	1.15		
SPACING	24.0"		

PIGGYBACK DETAIL

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

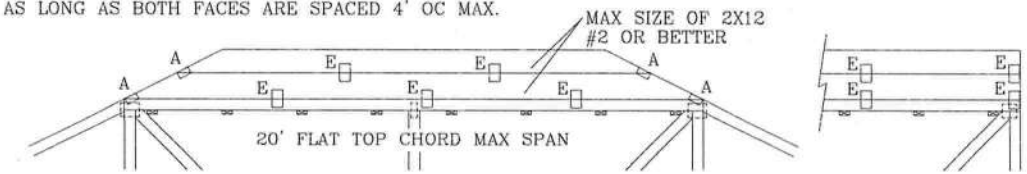
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

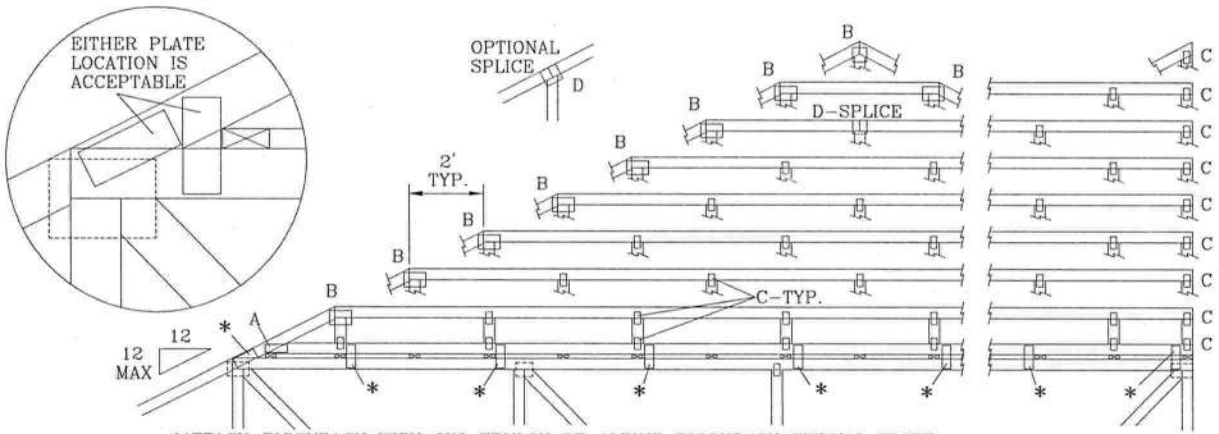
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

130 MPH WIND, 30' MEAN HGT, ASCE 7-98, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

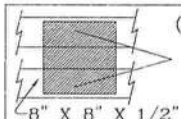
110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.





*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.



(4) 6d BOX (0.099"X 2.",MIN) NAILS.

8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET.

(4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

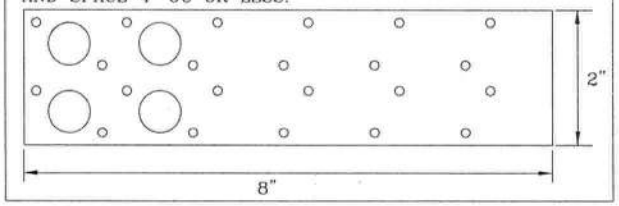
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5",MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF	PIGGYBACK
DATE	2/23/07
DRWG	PIGBACKB0207
-ENG	DLJ/KAR

ASCE 7-02: 110 MPH WIND SPEED, 30' 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' 8"	6' 4"	6' 6"	7' 6"	7' 8"	8' 11"	9' 2"	11' 9"	12' 1"	14' 0"	14' 0"
		#3	3' 7"	5' 5"	5' 5"	7' 2"	7' 2"	8' 11"	8' 11"	11' 2"	11' 2"	14' 0"	14' 0"
		STUD	3' 7"	5' 5"	5' 5"	7' 1"	7' 1"	8' 11"	8' 11"	11' 1"	11' 1"	14' 0"	14' 0"
		STANDARD	3' 7"	4' 8"	4' 8"	6' 1"	6' 1"	8' 3"	8' 3"	9' 6"	9' 6"	12' 11"	12' 11"
	SP DFL	#1	4' 0"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#2	3' 11"	6' 4"	6' 10"	7' 6"	8' 1"	8' 11"	9' 7"	11' 9"	12' 8"	14' 0"	14' 0"
		#3	3' 9"	5' 7"	5' 7"	7' 4"	7' 4"	8' 11"	9' 5"	11' 5"	11' 5"	14' 0"	14' 0"
		STUD	3' 9"	5' 6"	5' 6"	7' 3"	7' 3"	8' 11"	9' 5"	11' 4"	11' 4"	14' 0"	14' 0"
		STANDARD	3' 8"	4' 9"	4' 9"	6' 3"	6' 3"	8' 5"	8' 5"	9' 9"	9' 9"	13' 3"	14' 0"
16" O.C.	SPF HF	#1 / #2	4' 2"	7' 3"	7' 5"	8' 7"	8' 10"	10' 3"	10' 6"	13' 5"	13' 10"	14' 0"	14' 0"
		#3	4' 1"	6' 8"	6' 8"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
		STUD	4' 1"	8' 0"	8' 0"	8' 7"	8' 7"	10' 3"	10' 3"	13' 5"	13' 5"	14' 0"	14' 0"
		STANDARD	4' 1"	5' 8"	5' 8"	7' 6"	7' 6"	10' 1"	10' 1"	11' 8"	11' 8"	14' 0"	14' 0"
	SP DFL	#1	4' 7"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"
		#2	4' 6"	7' 3"	7' 9"	8' 7"	9' 3"	10' 3"	11' 0"	13' 5"	14' 0"	14' 0"	14' 0"
		#3	4' 4"	6' 10"	6' 10"	8' 7"	9' 0"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"
		STUD	4' 4"	6' 9"	6' 9"	8' 7"	8' 11"	10' 3"	10' 9"	13' 5"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 2"	5' 10"	5' 10"	7' 8"	7' 8"	10' 3"	10' 4"	11' 11"	11' 11"	14' 0"	14' 0"
12" O.C.	SPF HF	#1 / #2	4' 7"	8' 0"	8' 2"	9' 5"	9' 8"	11' 3"	11' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 6"	7' 8"	7' 8"	9' 5"	9' 5"	11' 3"	11' 3"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 6"	6' 7"	6' 7"	8' 8"	8' 8"	11' 3"	11' 3"	13' 6"	13' 6"	14' 0"	14' 0"
	SP DFL	#1	5' 1"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 11"	8' 0"	8' 7"	9' 5"	10' 2"	11' 3"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 9"	7' 11"	7' 11"	9' 5"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STUD	4' 9"	7' 9"	7' 9"	9' 5"	9' 11"	11' 3"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		STANDARD	4' 7"	6' 9"	6' 9"	8' 10"	8' 10"	11' 3"	11' 7"	13' 10"	13' 10"	14' 0"	14' 0"

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

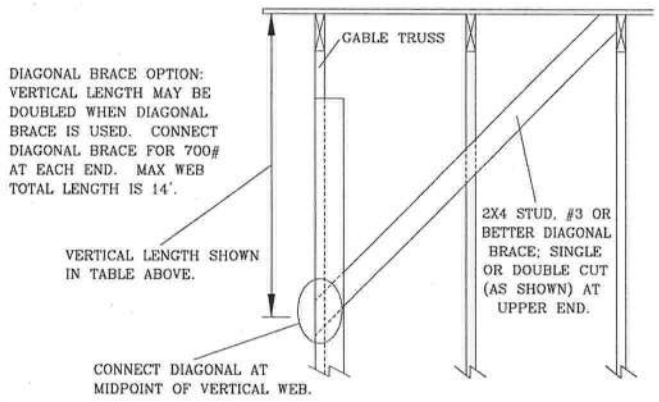
SOUTHERN PINE
#3
STUD
STANDARD

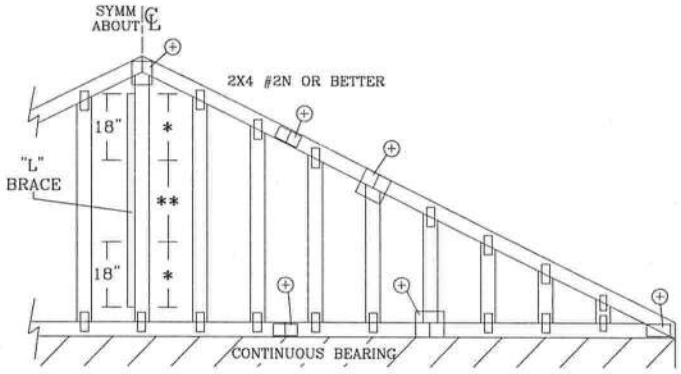
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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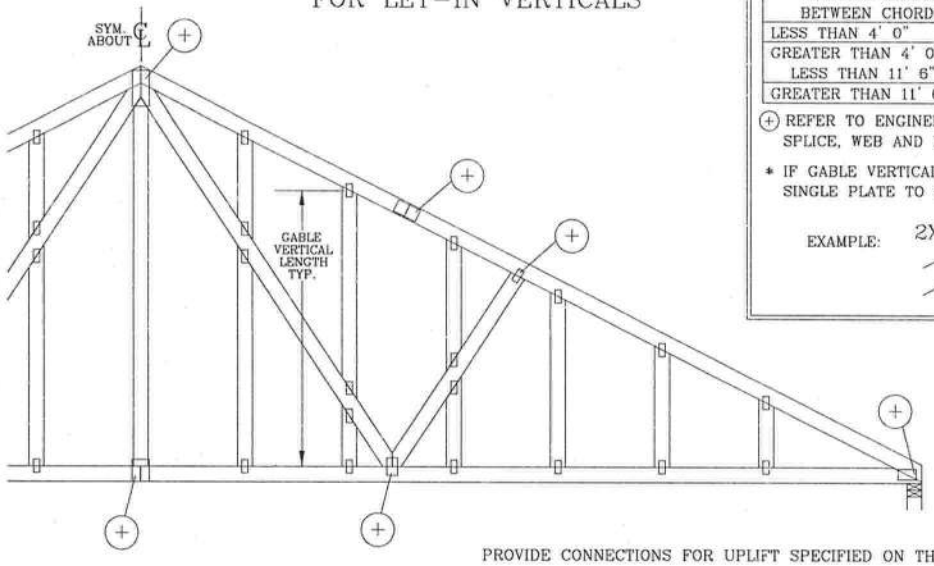
DOUGLAS FLEMING LICENSE
Sep 19 08 No 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11030
DATE	2/23/07
DRWG	A11030EE0207
-ENG	

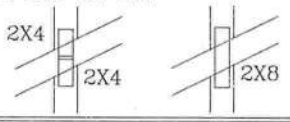
GABLE DETAIL
FOR LET-IN VERTICALS

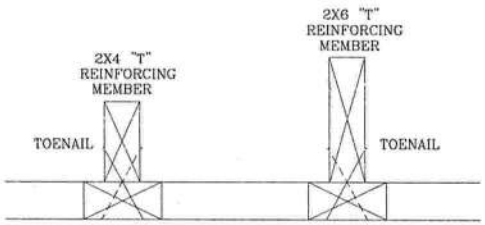


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ 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: 



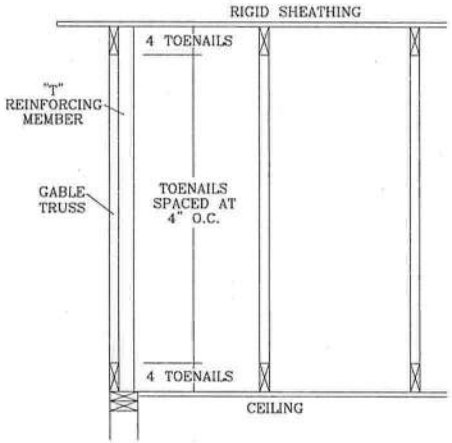
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

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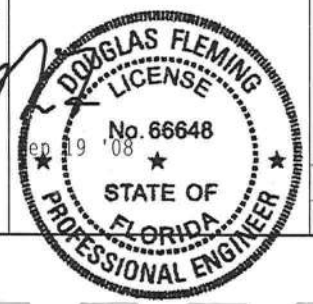


MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"

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

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d COMMON (0.162"X 3.5",MIN) NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

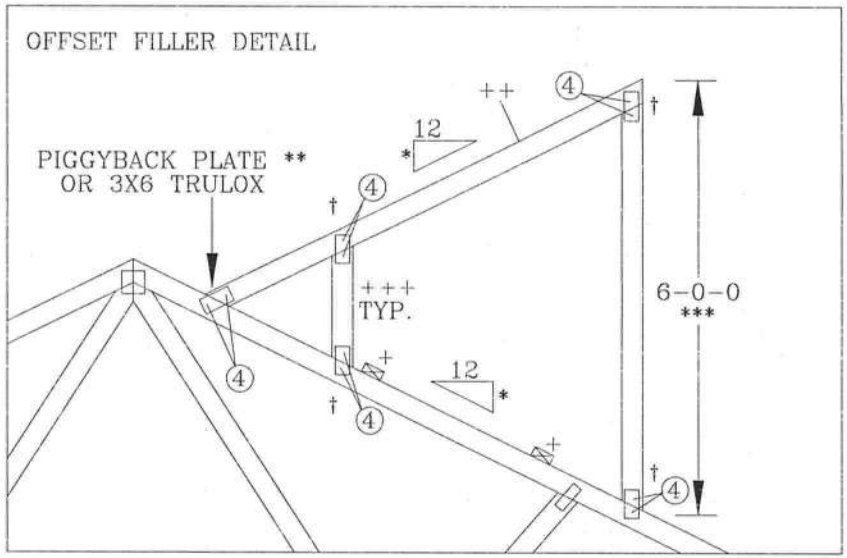
*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

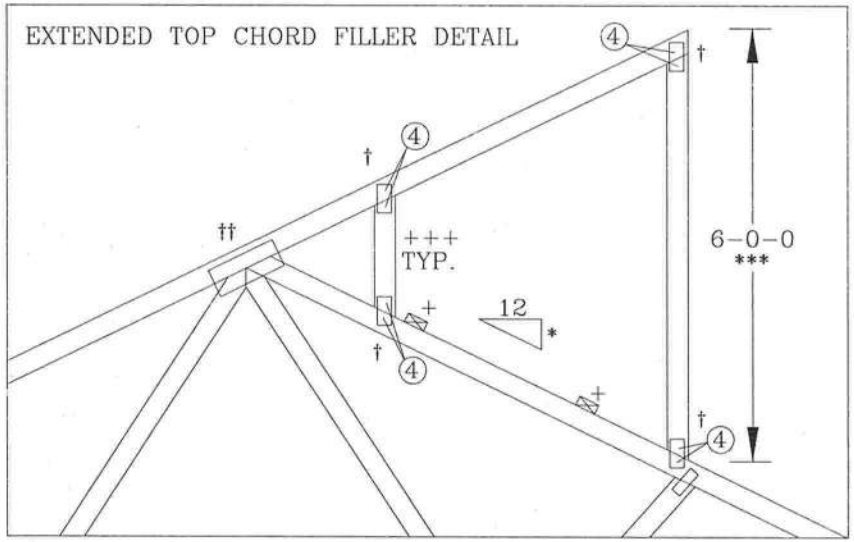
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

0.120"X 1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

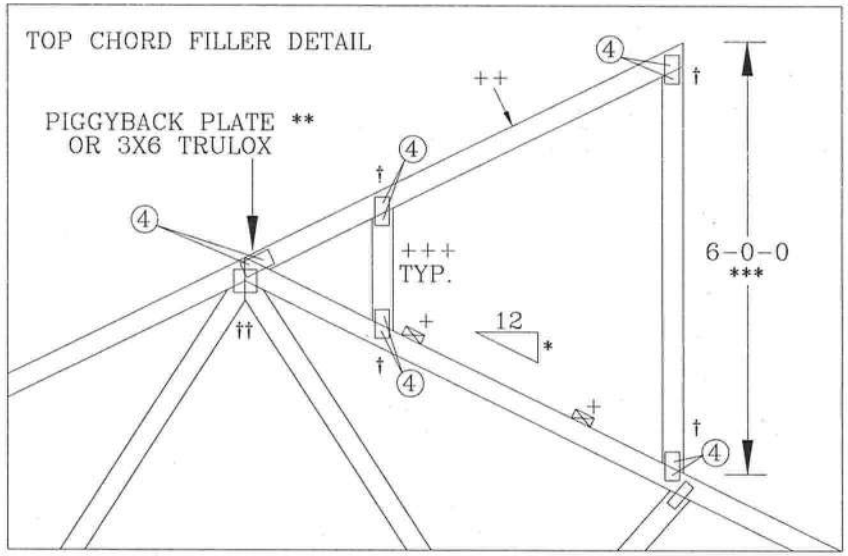
OFFSET FILLER DETAIL



EXTENDED TOP CHORD FILLER DETAIL



TOP CHORD FILLER DETAIL



THIS DRAWING REPLACES DRAWING 884,080

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEP 19 '08

TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	2/23/07
BC DL	MAX 10 PSF	DRWG	TCFILLER0207
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

BOTTOM CHORD FILLER DETAIL

* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

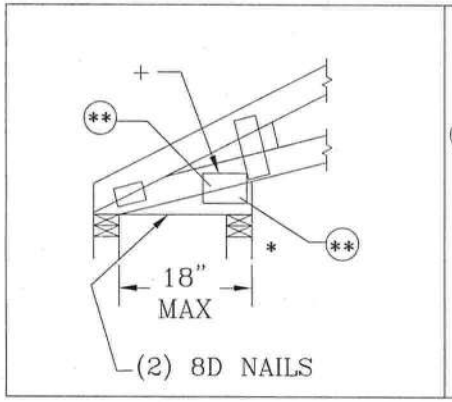
\+ 3X4 WAVE OR 4X8 TRULOX

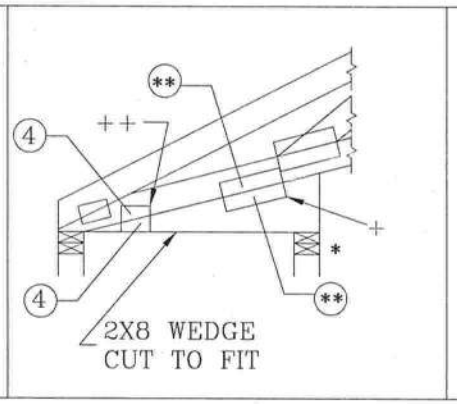
++ 2X4 WAVE OR 3X6 TRULOX

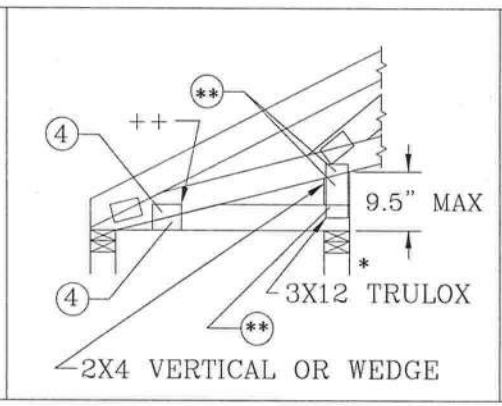
REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

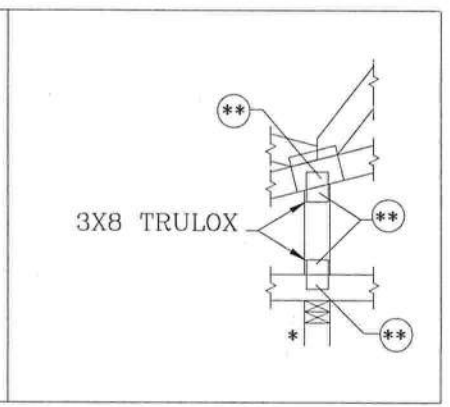
ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6









THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER Sep 19 '08

TC LL	—	PSF	REF BC FILLER
TC DL	—	PSF	DATE 2/23/07
BC DL	10.0	PSF	DRWG BCFILLER0207
BC LL	—	PSF	-ENG DLJ/KAR
TOT. LD.	—	PSF	
DUR. FAC. 1.0/1.15/1.25/1.33			
SPACING 24.0"			

BOTTOM CHORD FILLER REPAIR

RECOMMENDED REPAIR PROCEDURE

1. MEASURE DISTANCE FOR NEW LENGTH OF FILLER.
2. APPLY NEW 2X4 STUD GRADE OR BETTER VERTICAL SCAB TO BOTTOM CHORD AND FILLER WITH (3) NAILS 0.131" DIA. x 3.0" OR LARGER, (I.E. 10d OR 16d COMMON, SINKER, GUN, OR 16d BOX NAILS) TO EACH END OF VERTICAL.
3. CAREFULLY REMOVE EFFECTED CONNECTOR PLATES. USE CARE NOT TO DAMAGE THE REMAINING CONNECTOR PLATES OR LUMBER IN ANY WAY.
4. TRIM FILLER TO LENGTH, AT EDGE OF NEW VERTICAL SCAB.

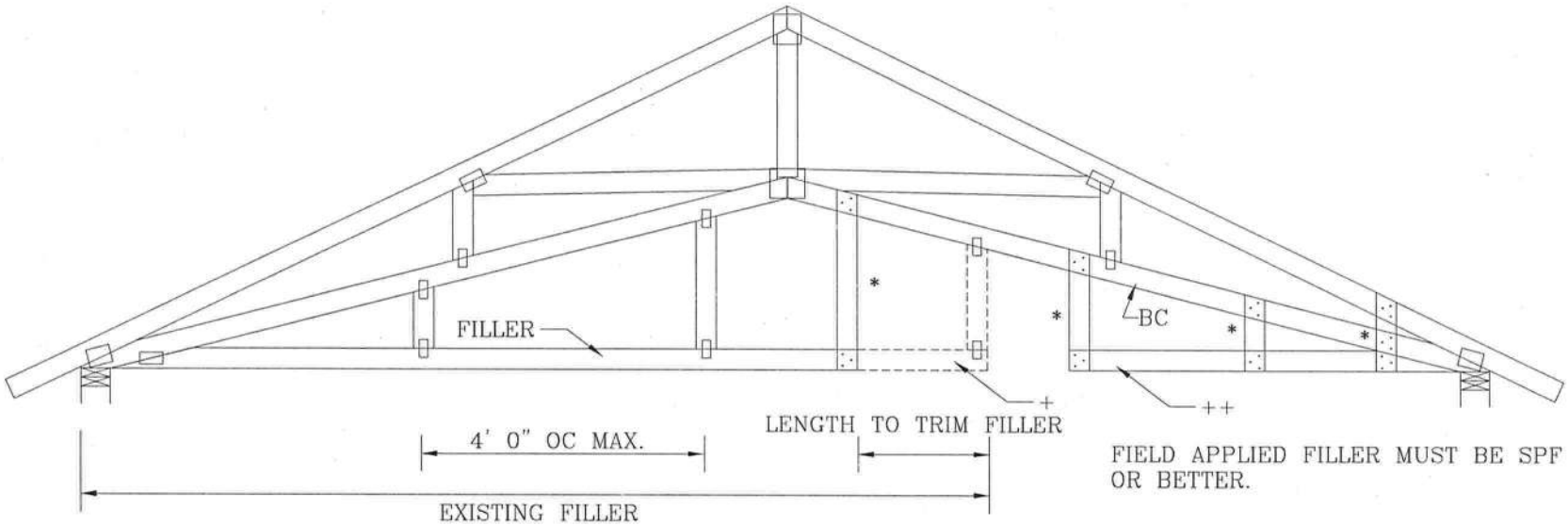
MAXIMUM BOTTOM CHORD LOAD IS 10 PSF.

\+ BOTTOM CHORD FILLER TO BE REMOVED. SEE NOTE #3.

++ FIELD APPLIED FILLER.

* 2X4 STUD GRADE OR BETTER VERTICAL SCAB. ATTACH TO BOTTOM CHORD AND FILLER WITH (3) NAILS WITH A MIN. 0.131" DIA. X 3.0" LENGTH.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR ALLOWABLE FILLER DIMENSIONS, PLACEMENT, AND WEBBING.



FIELD APPLIED FILLER MUST BE SPF #3 OR BETTER.

THIS DRAWING REPLACES DRAWING 962,767

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER
9 '08

REF	BC FILLER REP.
DATE	2/23/07
DRWG	REPBCFIL0207
-ENG	MLH/KAR

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:

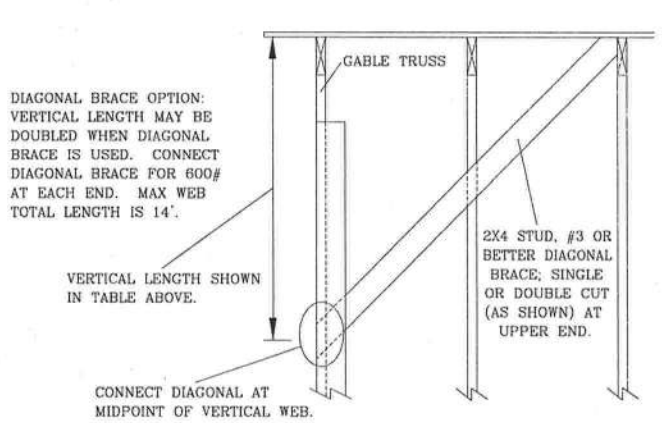
SPRUCE-PINE-FIR		HEM-FIR	
#1 / #2	STANDARD	#2	STUD
#3	STUD	#3	STANDARD

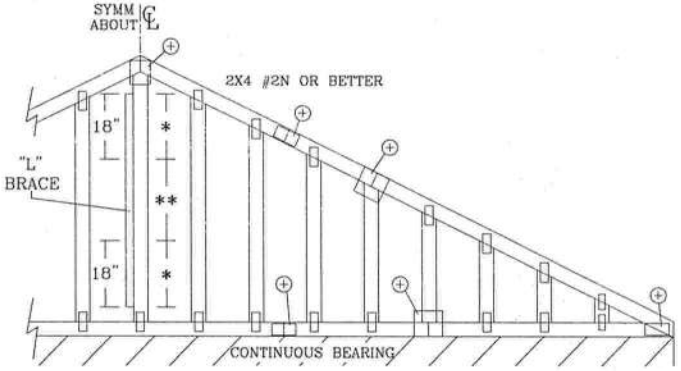
DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

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

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

GABLE VERTICAL PLATE SIZES

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

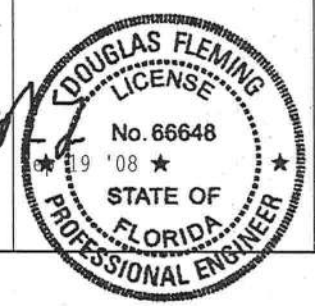
+ REFER TO COMMON TRUSS DESIGN FOR PEAK, SPLICE, AND HEEL PLATES.

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W,K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

FEES:

ROAD IMPACT FEE $1,046.00 CODE 210 UNIT 1
10100003632400

EMS IMPACT FEE $29.88
10300003632210

FIRE PROTECTION IMPACT FEE $78.63
10200003632220

CORRECTIONS IMPACT FEE $409.16
00100003632200

SCHOOL IMPACT FEE $1,500.00
00100003632900

TOTAL FEES CHARGED $3,063.67 CHECK NUMBER 4331