DATE 08/28/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000026178

APPLICANT JERRY CASTAGNA PHONE 755-6867

ADDRESS 521 NW OLD MILL RD LAKE CITY FL 32055

OWNER WILLIAM DANNECKER PHONE

ADDRESS 355 SW AVIATION DRIVE LAKE CITY FL 32024

CONTRACTOR JERRY CASTAGNA PHONE 755-6867

LOCATION OF PROPERTY 441 S, R ON SW AVIATION DR, FIRST LOT ON R.

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 156050.00

HEATED FLOOR AREA 3121.00 TOTAL AREA 5058.00 HEIGHT 23.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

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

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

PARCEL ID 22-5S-17-09322-012 SUBDIVISION LAKE CITY AIRPARK

LOT 12 BLOCK PHASE UNIT TOTAL ACRES 5.00

		CBC047842		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
PRIVATE	07-0598-E	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD. NOC ON FILE.

Check # or Cash 5069

FOR BUILDING & ZONING DEPARTMENT ONLY

Temporary Power ____ date/app. by

Foundation ____ date/app. by

Monolithic (footer/Slab) ____ date/app. by

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

Slab ____ date/app. by

Sheathing/Nailing ____ date/app. by

Framing ____ date/app. by

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

Electrical rough-in ____ date/app. by

Heat & Air Duct ____ date/app. by

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

Permanent power ____ date/app. by

C.O. Final ____ date/app. by

Culvert ____ date/app. by

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

Pool ____ date/app. by

Reconnection ____ date/app. by

Pump pole ____ date/app. by

Utility Pole ____ date/app. by

M/H Pole ____ date/app. by

Travel Trailer ____ date/app. by

Re-roof ____ date/app. by

BUILDING PERMIT FEE $ 785.00 CERTIFICATION FEE $ 25.29 SURCHARGE FEE $ 25.29

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** 910.58

INSPECTORS OFFICE CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

After Recording return to:
Castagna Construction, Inc
521 NW Old Mill RD
Lake City FL 32055
Permit No.

NOTICE OF COMMENCEMENT
FS 713.13

State of Florida
County of Columbia

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

1. Legal description of property and street address if available: Lot # 12 Lake City Airpark
ORB 1067-332, 752-354, 764-533, 792-1635, 802-163, 812-1257

General description of improvement: new home, airplane hanger

2. Owner Information: Name and address:
William & Jean Danaecker
6054 SW 52nd Terr Palm City FL 34990
b. Interest in property: 100%
c. Name and address of fee simple titleholder (if other than Owner)

3. Contractor: Name and address: Castagna Construction, Inc
521 NW Old Mill RD Lake City, FL 32055
Phone number 386-755-1686 Fax number (optional, if service by fax is acceptable) 386-755-1686

4. Surety: Name and address N/A
Phone number N/A Fax number (optional, if service by fax is acceptable)
Amount of Bond $ N/A
Lender: Name and address N/A
Phone number N/A Fax number (optional, if service by fax is acceptable) N/A

5. 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: (name and address):

Inst:2006012131 Date:05/18/2006 Time:09:15
S.T. DC,P.DeWitt Cason,Columbia County B:1084 P:316

Phone numbers of designated persons
Fax number (optional, if service by fax is acceptable)

6. In addition to himself or herself, Owner designates _____ of _____ ___ to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
Phone number of person or entity designated by owner _____ Fax number (optional, if service by fax is acceptable) _____

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

William Danaecker
Signature of Owner

STATE OF FLORIDA
COUNTY OF Columbia

Sworn to (or affirmed) and subscribed before me this 18th day of May 2006 ___, by William Danaecker who is personally known to me or who has produced _____ as identification and who did ___ or did not ✓ take an oath.

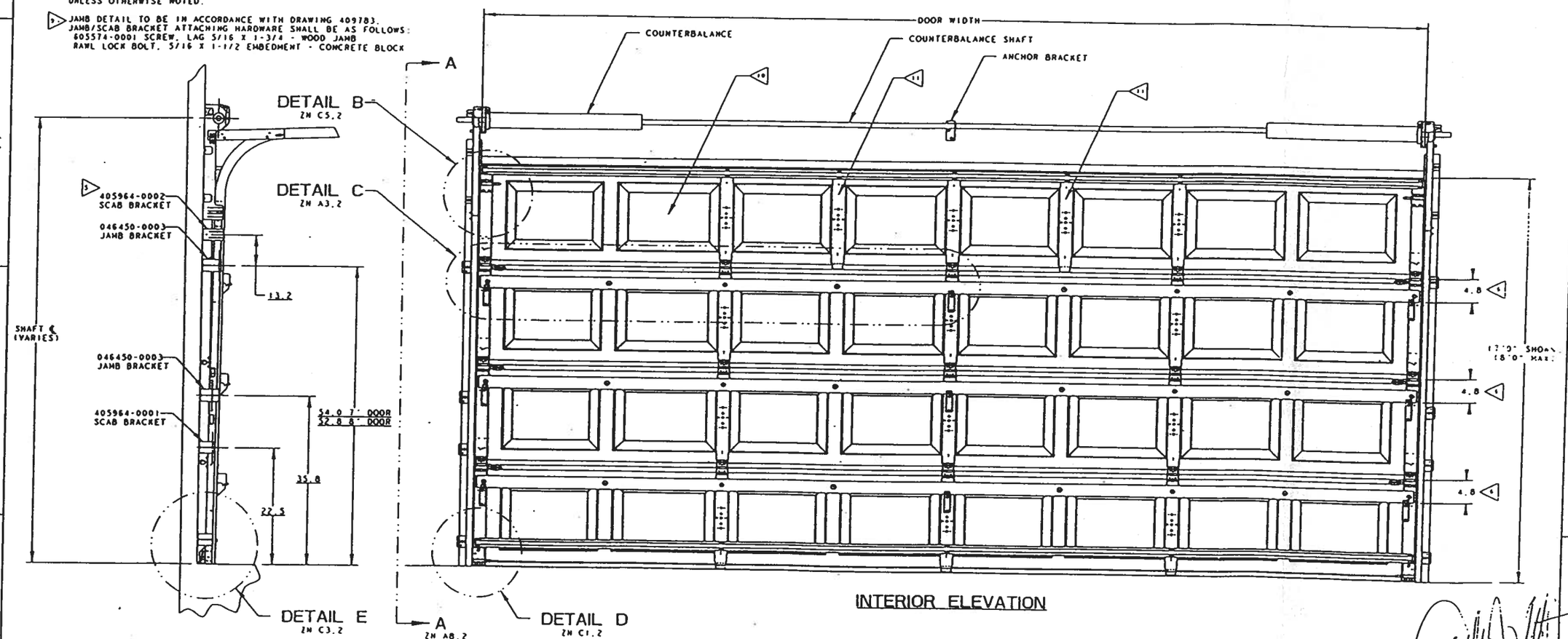
Melinda Pettyjohn
Notary Public (Signature)

Melinda Pettyjohn
Commission # DD367867
Expires November 1, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

NOTES:
1. TESTED IN ACCORDANCE WITH DASMA 108.
2. FOUR SECTION 7' TALL DOOR SHOWN. 8' DOORS HAVE 5 SECTIONS. SECTION HEIGHTS OF 20.88, 19.00 AND 16.75 ARE AVAILABLE AND MAY BE USED IN COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS.
3. EMBOSSMENT PATTERN OF 14.3 X 20.4 SHOWN. ALTERNATE PATTERNS OF 12.5 X 43.4 AND 18.5 X 20.4 MAY BE USED.
4. ARMORTITE/REVOLUTION COUNTERBALANCE SHOWN. TORSION AND EXTENSION COUNTERBALANCE SYSTEMS AVAILABLE. 405964-0002 REQUIRED AT TRACK INTERFACE ON TORSION AND EXTENSION SYSTEMS.
5. USE THIS BRACKET 405964-0002 ON 8' HIGH DOORS ONLY.
6. LOCATE 409517 CHANNELS AS SHOWN. VERTICAL PLACEMENT CAN VARY PLUS/MINUS 3 INCHES.
7. ON THE MIDDLE CENTER STILE THERE IS NO TOOL CLEARANCE HOLE FOR THE UPPER 605911-0001 SCREW. INSTALL FROM BELOW.
8. USE 605911-0001 AB POINT SCREWS FOR ALL COMPONENT INSTALLATION UNLESS OTHERWISE NOTED.
9. JAMB DETAIL TO BE IN ACCORDANCE WITH DRAWING 409783. JAMB/SCAB BRACKET ATTACHING HARDWARE SHALL BE AS FOLLOWS: 605574-0001 SCREW, LAG 5/16 X 1-3/4 - WOOD JAMB RAWL LOCK BOLT, 5/16 X 1-1/2 EMBEDMENT - CONCRETE BLOCK
10. WINDOW INSTALLATION ALLOWED. WINDOWS MUST BE INSTALLED IN TOP SECTION.
11. EXTRA CENTER STILES ARE NOT REQUIRED ON DOORS WITHOUT A WINDOW SECTION.
12. USE 18 GAUGE CHANNEL.

REVISIONS				
LTR	ECN	DESCRIPTION	DATE	APPROVED
10838	-	RLSE FOR PRE-PRODUCTION	7/30/01	DEH
10889	A	RLSE FOR PRODUCTION	7/31/01	DEH

OHD/GENIE DOOR EQUIVALENCY CHART		
OHD DOOR SERIES No.	GENIE DOOR SERIES No.	PAN STEEL THICKNESS
SERIES 188	SERIES GDS300	24 GA
SERIES 189	SERIES GDS30R	24 GA
SERIES 281	SERIES GDS200	25 GA
SERIES 288	SERIES GDS500	25 GA



INTERIOR ELEVATION

STD TRACK DETAIL
FOR 16' WIDE DOOR

DOOR WIDTH	CENTER STILE	END STILE	RLR SHAFT BRACKET	STRUTS/SECT	ROLLER	VERT TRK GA	JAMB LOAD (LB/FT-HT)
16'	3	SINGLE	YES	4" + 2.5" CH HS-2	STL 2"-7/16"	.049"	176

REF DWG | RESIDENTIAL USED ON

WHOLE NUMBERS ± .25
X ± .1
XX ± .03
XXX ± .010
ANGLES ± 1°
HOLES ±

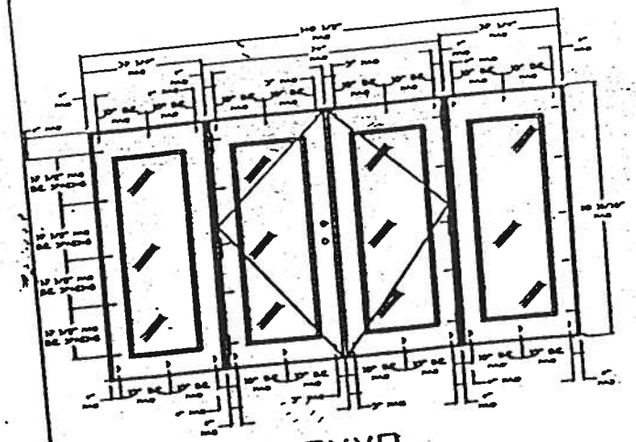
FINISH: N/A
UNIT OF MEASURE: EA
MATERIAL: N/A

OVERHEAD DOOR

DRAWN BY: RR HOOFARD 30 July 01
CHECKED BY: M BOWACK 7/30/01
APPROVED BY: RR HOOFARD 7/30/01

DRAWING TYPE: RESI PAN STL DOOR 22/33 PSF 16 MAX
DRAWING NUMBER: D-409884
SIZE: D SHEET 1 OF 1

OTHER DOOR CONFIGURATIONS



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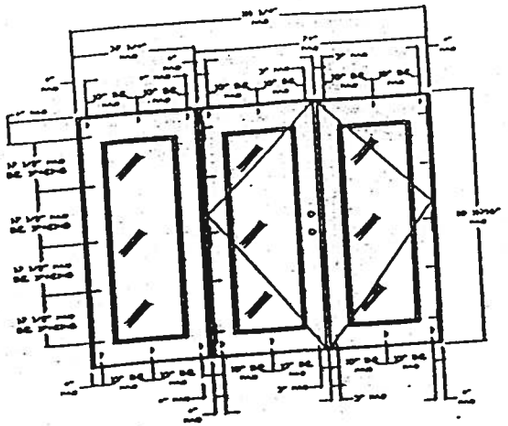

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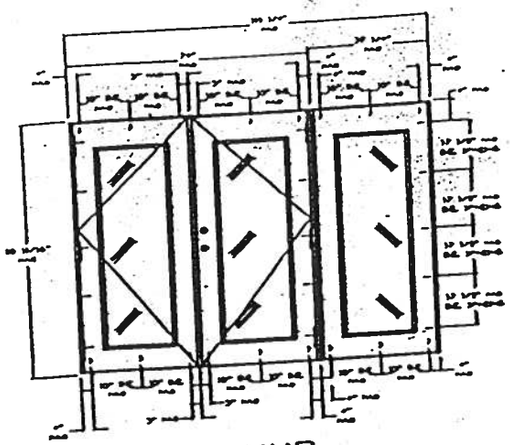

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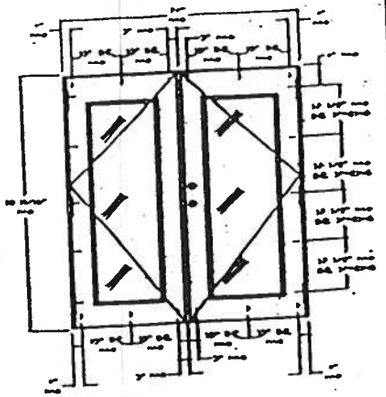

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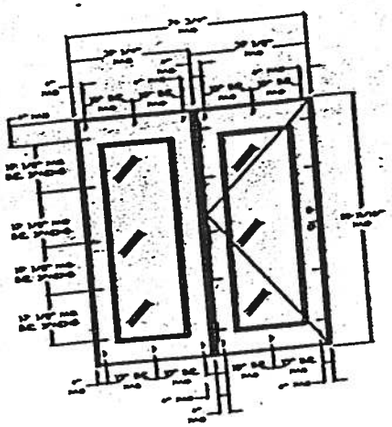

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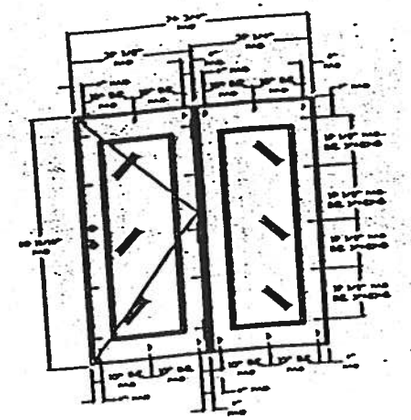

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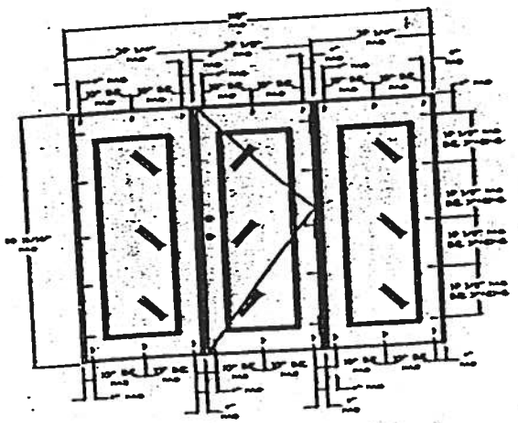

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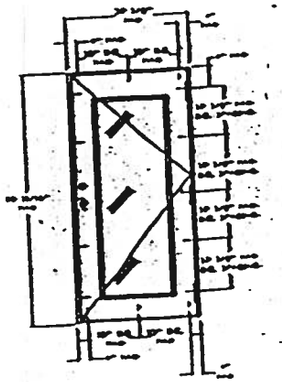


X

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-0314.29

UNLESS NOTED, FRAC. : DEC. : ANG. :
EXTRUSIONS: UNLESS NOTED, STR. COMPL. TOL'S.

ENGINEER:

DR. BY LD | DATE 1-11-01

LTR | REVISIONS | DATE | BY

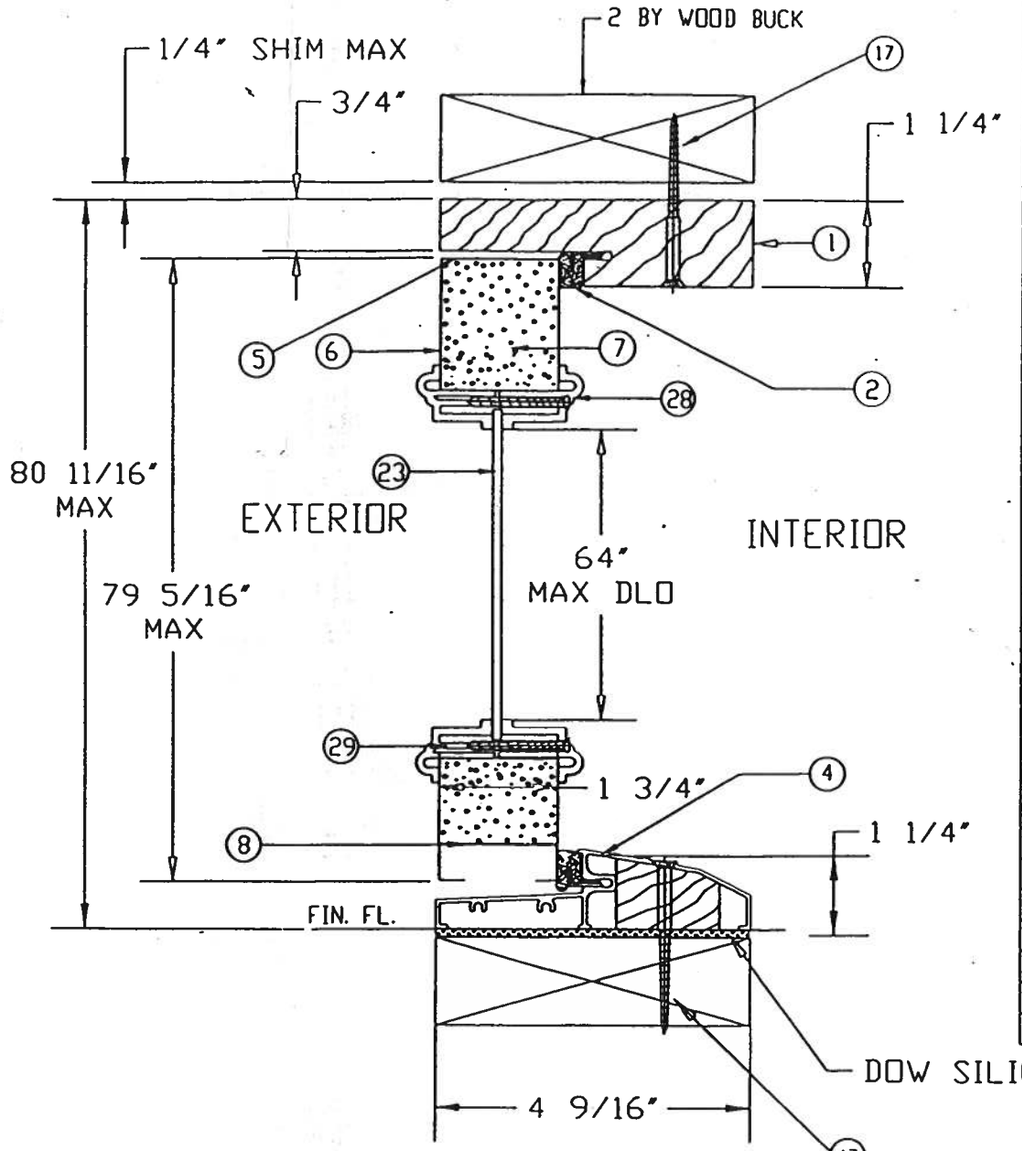
PART NAME:

MAT'L: | SCALE:

PREMDOR ENTRY SYSTEMS
911 E. JEFFERSON
PITTSBURG, KS. 66762

31-1028-EW-0
SHEET 5 OF 6

REVISION LETTER



SECTION B-B

MATERIALS LIST

ITEM NO.	DESCRIPTION	PART NUMBER	COMMENTS
①	WOOD HEAD JAMB	EV-14	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
②	COMPRESSION WEATHERSTRIP	EV-25	LOCKSCREEN BRAND LOXSEAL 9650 (BRONZE)
③	ALUMINUM ASTRAGAL	EV-12	PREMDOR BRAND OR EQUIVALENT- 5/8" ALUMINUM ASTRAGAL
④	ALUMINUM-BUMPER THRESHOLD	EV-15	PREMDOR BRAND OR EQUIVALENT - 1 1/4" x 4 9/16"
⑤	TOP CHANNEL	EV-08	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑥	STEEL SKIN	26 ga. (.017 +.004 -.000)	MIN. YIELD STRENGTH 45,000 PSI MIN. THICKNESS PER TESTABLE TEST REPORT IS .017"
⑦	POLYURETHANE FOAM CORE	BASF FOAM - DENSITY 2.0 TO 2.5 lbs./ft³	
⑧	BOTTOM CHANNEL	EV-07	PREMDOR BRAND - 1 11/16" - 20 GA STEEL
⑨	WOOD LOCK BLOCK	EV-09	4" X 9 1/2" MTL. TO BE PINE OR EQUIVALENT
⑩	STRIKE STILE	EV-06	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
⑪	HINGE STILE	EV-05	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
⑫	LOCK PREP FILLER PLATE	EV-10	PREMDOR BRAND - .050" THICK- MTL. TO BE POLYETHYLENE
⑬	4"x4" HINGE	EV-16	HAGER BRAND HINGE OR EQUIVALENT - .097 THICK (STEEL)
⑭	WOOD HINGE JAMB	EV-13	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
⑮	#10 x 3/4" F.H.W.S.		(4) SCREWS PER HINGE INTO DOOR
⑯	#10 X 2" F.H.W.S.		(5) SCREWS THROUGH HINGE JAMB INTO SIDELITE JAMB, 8" DOWN FROM TOP, MAX 18" O.C. THEREAFTER (10) SCREWS THROUGH STRIKE JAMB INTO SIDELITE JAMB, 4" DOWN FROM TOP MAX 8" O.C. THEREAFTER (6) SCREWS THROUGH EACH SIDELITE JAMB INTO SIDELITE, 4" DOWN FROM TOP, MAX 15" O.C. THEREAFTER
⑰	#10 F.H.W.S. W/MINIMUM 1 1/2 EMBEDMENT OR 3/16" PITH TAPCONS W/MINIMUM 1 1/2" EMBEDMENT		REFER TO ELEVATION VIEW FOR # OF SCREWS USED AND LOCATIONS
⑱	#10 X 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
⑲	#8 x 2" F.H.W.S.		(2) SCREWS AT EACH STRIKE PLATE
⑳	LOCKSET		KWIKSET BRAND 200 LOCK OR HARLOC BRAND 100 LOCK
㉑	#10 X 1 3/4" F.H.W.S.		(2) SCREWS PER HINGE INTO JAMB
㉒	WOOD SIDELITE JAMB	EV-19	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉓	22" X 64" SINGLE PANEL GLASS	EV-20	TEMPERED GLASS IN POLYPROPYLENE FRAME- DC-1643 - (ODL-2) 1/8" CLEAR TEMPERED GLASS
㉔	SIDELITE TRIM (WOOD)	EV-21	5/16 x 1/2" MTL. TO BE PINE OR EQUIVALENT
㉕	WOOD CASING	EV-22	1/8" x 1" MTL. TO BE PINE OR EQUIVALENT - ITEMS ARE MOLDINGS USED FOR "SIDE BY SIDE JAMBS" AS MULLIONS
㉖	WOOD SIDELITE HEAD JAMB	EV-23	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉗	WOOD SIDELITE BASE	EV-24	1 1/4" X 4 9/16" MTL. TO BE PINE OR EQUIVALENT
㉘	POLYPROPYLENE LITE FRAME	DC-1643, ODL-2	HP Polypropylene by ODL
㉙	#6 X 1 1/2" PAN HEAD SCREWS		18 PER FRAME SCREW SPACING TO BE 3" IN FROM EACH CORNER AND NOT TO EXCEED 14" OC THERE AFTER.
㉚	SIDELITE STILES	EV-26	15/16" X 1 11/16" MTL. TO BE PINE OR EQUIVALENT
㉛	PIN NAIL		3/4" LONG NAIL, 4" IN FROM END, MAX 8" O.C. THEREAFTER, USED ON MULLIONS AND TRIM

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE CO' 'NCE OFFICE
ACCEPTANCE NO. 314.29

LIMITS: UNLESS NOTED, FRAC. : DEC. : ANG. :	B	DADE COUNTY MODIFICATIONS	1/11/01 JD
EXTRUSIONS: UNLESS NOTED, STD. COMM. TOL'S.	A	ADDED PAGE 5 (DOOR OPTIONS)	10-1-98 RS
ENGINEER:	LTR.	REVISIONS	DATE BY
	PART NAME: ENTERGY WOOD EDGE DOOR (B-B)		
DR. BY R.S. DATE 7-29-97	MAT'L:	SCALE:	

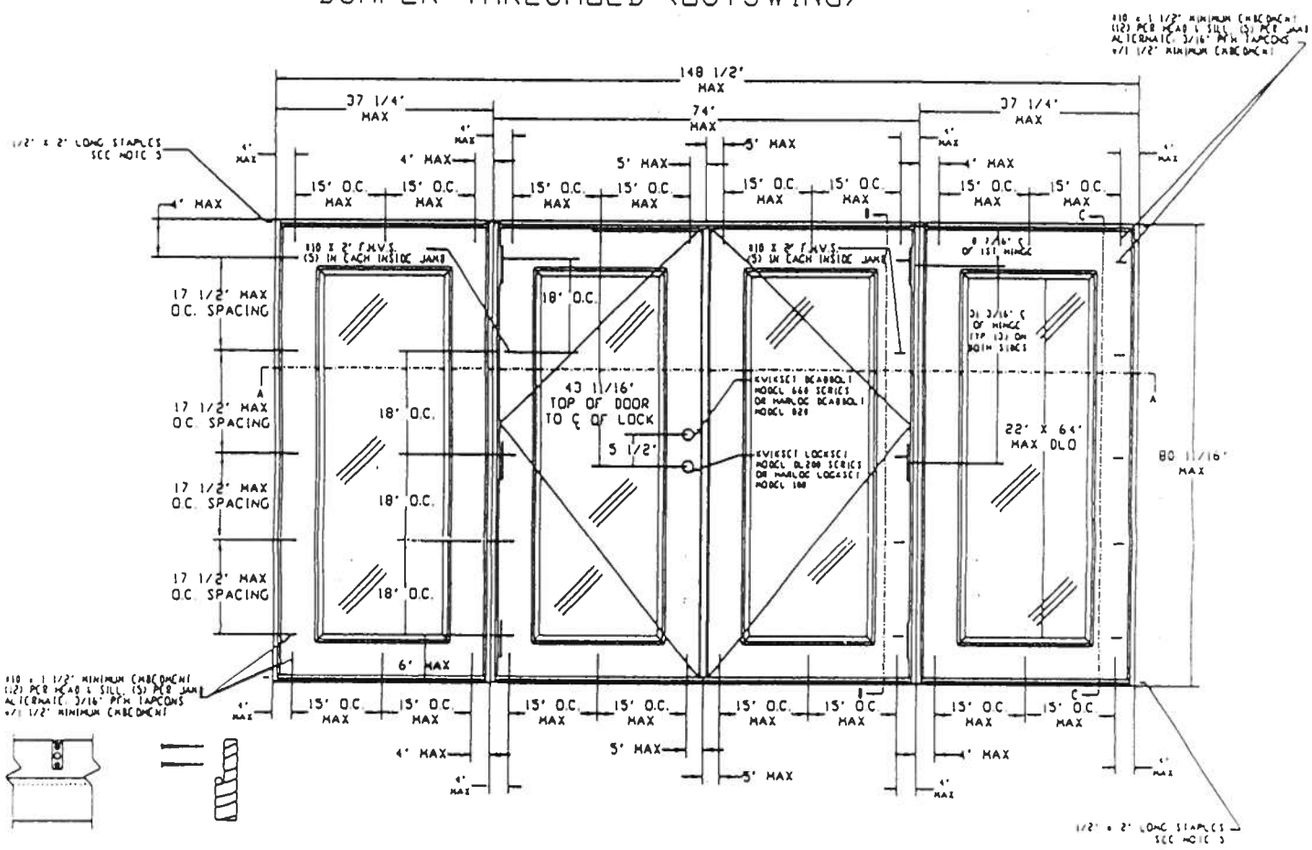
PREMDOR ENTRY SYSTEMS
911 E. JEFFERSON
PITTSBURG, KS. 66762

A

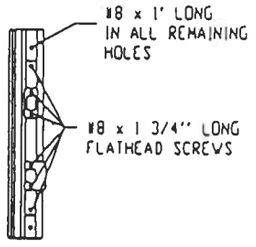
31-1028-EW-0
SHEET 3 OF 6

REVISION LETTER B

PREMDOR (ENTERGY BRAND) DOUBLE DOOR WITH SIDELITES IN WOOD FRAMES WITH A BUMPER THRESHOLD (OUTSWING)



ATTACH ASTRAGAL THROW BOLT STRIKE PLATE TO THE HEADER AND THRESHOLD WITH #10 x 1 3/4" FLATHEAD SCREWS



ASTRAGAL

R.H. OUTSWING L.H. OUTSWING

NOTES:

1) WOOD BUCKS BY OTHERS. MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
2) THE PRECEDING DRAWINGS ARE INTENDED TO QUALIFY THE FOLLOWING INSTALLATIONS.

A. WOOD FRAME CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY WOOD OPENING.

B. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED TO A MINIMUM TWO BY STRUCTURAL WOOD BUCK.

C. MASONRY OR CONCRETE CONSTRUCTION WHERE DOOR SYSTEM IS ANCHORED DIRECTLY TO CONCRETE OR MASONRY WITH OR WITHOUT A NON-STRUCTURAL ONE BY WOOD BUCK.

3) ALL ANCHORING SCREWS TO BE #10 WITH MINIMUM 1 1/2" EMBEDMENT INTO WOOD SUBSTRATE OR 3/16" PTH TAPCONS WITH 1 1/2" MINIMUM EMBEDMENT MASONRY

4) UNIT MUST BE INSTALLED WITH 'MIAMI-DADE COUNTY APPROVED' SHUTTERS

5) THREE STAPLES PER SIDE JAMB INTO HEADER ON SIDELITES AND DOOR. THREE STAPLES PER JAMB INTO THRESHOLD ON SIDELITES AND DOOR.

6) LATEX SEALANT TO BE APPLIED AT SIDE BY SIDE JAMBS AND SIDELITES.

7) DOOR/SIDELITE HEADER, DOOR/SIDELITE JAMBS, AND SIDELITE BASE CORNERS ARE COPED AND BUTT JOINED.

8) DOORS SHALL BE PRE-PAINTED WITH A WATER-BASED EPOXY RUST INHIBITIVE PRIMER PAINT WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.

9) FRAMES SHALL BE PRE-PAINTED WITH AN ACRYLIC LATEX WATER-BASED/ WATER-REDUCIBLE WHITE PRIMER WITH A DRY FILM THICKNESS OF 0.8 TO 1.2 MIL.

DESIGN PRESSURE RATINGS		
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED *	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED
Positive	+50.5 psf	+50.5 psf
Negative	NOT APPROVED*	-50.5 psf

* UNITS SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION.

APPROVED AS COMPLYING WITH SOUTH FLORIDA BUILDING CODE
DATE JUN 05 2001
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 01-03

C	DADE COUNTY MODIFICATIONS	
B	ADDED PAGE 5 (DOOR OPTIONS)	
A	ADD OTHER DOOR CONFIGURATIONS	
LTR	REVISIONS	
PART MARK:		
MTS:		SEAL MTS

UNITS UNLESS NOTED, FRAC ± DEC ± ANG ±
DIMENSIONS UNLESS NOTED, STD COM. TOL.
ENGINEER:
DR BY R.S. DATE 7-29-97

PREMDOR ENTRY SYSTEMS
911 E. JEFFERSON
PITTSBURG, KS 66762

31-1028-EW-5
SHEET 1 OF

REVISION LETTER

Columbia County Building Permit Application CH# 5069

For Office Use Only Application # 0707-66 Date Received 7/24 By JW Permit # 26178

Application Approved by - Zoning Official BLK Date 01.08.07 Plans Examiner OKJTH Date 7-27-07

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

Comments ENV. HEALTH ☑

NOC ☑ SITE PLAN ☑ Treat OWNER/BUILD ☑

Applicants Name Jerry CASTAGNA - CONS INC Phone 386 755 6867

Address 521 NW OLD MILL DR. LAKE City FLA 32055

Owners Name WILLIAM C DANNECKER. Phone

911 Address 355 SW AVIATION

Contractors Name JERRY CASTAGNA. Phone 386-755-6867

Address 521 NW OLD MILL DR. LAKE City FLA 32055

Fee Simple Owner Name & Address

Bonding Co. Name & Address N/A.

Architect/Engineer Name & Address NICHOLAS GEISLER. 1758 NW BROWN R LAKE City FLA 32055

Mortgage Lenders Name & Address n/a.

Property ID Number 22-5S-17-09322-012 Estimated Cost of Construction 280,000

Subdivision Name Lot 12 LAKE City AIRPARK Lot 12 Block Unit Phase

Driving Directions 441 SOUTH ABOUT 3½ MILE TO AVIATION DR on Right TURN Right FIRST Lot on Right.

Type of Construction BLOCK HOUSE. Number of Existing Dwellings on Property 1

Total Acreage 5 Lot Size Do you need a - Culvert Permit or (Culvert Waiver) or Have an Existing (PRIVATE)

Actual Distance of Structure from Property Lines - Front 150 Side 225 Side 190 Rear 175

Total Building Height 23 Number of Stories 1 Heated Floor Area 3121 TOTAL 5,058 Roof Pitch 8/12

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 all laws regulating construction in this jurisdiction.

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

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

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC047842

Competency Card Number QB33997

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 24th day of July 2007.

Personally known ____ or Produced Identification ____

NOTARY STAMP: Melinda Pettyjohn Commission # DD367867 Expires November 1, 2008 Bonded Thru Budget Notary Services, Inc. 800-385-7019

Notary Signature

JW Called Melinda 8.1.07

1081

Prepared by and Return to:
Virlyn Willis
Gateway Title Agency, LLC
4255 SW Cambridge Glen
Lake City, Florida 32024
File Number: 32000GW
Parcel I.D. Number: R09322-012
Incidental to the issuance of a Title Insurance Policy

Return To Keystone Title Agency, Inc.
9735 U.S. Hwy. 19
Port Richey, FL 34668
File # 32000GW

General Warranty Deed

Made this February 18, 2005 A.D. By **Jeffrey P. Roberts and Karen A. Roberts, his wife,** whose address is: **213 Pebbles Drive, Smyrna, TN 37167** hereinafter called the grantor, to **William C. Dannecker and Jean D. Dannecker, husband and wife,** whose post office address is: **6054 SW 52nd Terrace, Palm City, FL 34990,** hereinafter called the grantee:

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

Witnesseth, that the grantor, for and in consideration of the sum of **Seventy Seven Thousand dollars & no cents, ($77,000.00)** and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 12, of Lake City Airpark, according to the Plat thereof, as recorded in Plat Book 5, at Page 10, of the Public Records of Columbia County, Florida.

Subject to covenants, conditions, restrictions, reservations, limitations, easements and agreements of record, if any; taxes and assessments for the year 2005 and subsequent years; and to all applicable zoning ordinances and/or restrictions and prohibitions imposed by governmental authorities, if any

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

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

REQUIRES TWO DIFFERENT WITNESSES

Witness #1 signature
Monica L Clouse
Print Witness #1 name

Witness #2 signature
Christie Sellers
Christie Sellers
Print Witness #2 name

Jeffrey P. Roberts (Seal)

Karen A. Roberts (Seal)

State of Tennessee
County of Rutherford

The foregoing instrument was acknowledged before me this 18th of Feb., 2005, by **Jeffrey P. Roberts and Karen A. Roberts, his wife,** who has produced a drivers license as identification.

Notary Seal

JENNIFER PAUL
STATE OF TENNESSEE
NOTARY PUBLIC
RUTHERFORD COUNTY, TENN.

Notary Public
my commission expires: November 24, 2008

Inst:2005004957 Date:03/02/2005 Time:15:42
Doc Stamp-Deed : 539.00
DC,P.DeWitt Cason,Columbia County B:1039 P:1478

Closer's Choice Individual Warranty Deed

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

Parcel: 22-5S-17-09322-012

2007 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	DANNECKER WILLIAM C & JEAN D		
Site Address			
Mailing Address	6054 SW 52ND TERR PALM CITY, FL 34990		
Use Desc. (code)	VACANT (000000)		
Neighborhood	22517.02	**Tax District**	3
UD Codes	MKTA02	**Market Area**	02
Total Land Area	0.000 ACRES		
Description	LOT 12 LAKE CITY AIRPARK S/D. ORB 667-332, 752-354, 764-533 792-1635, 802-163, 812-1257, WD 1020-429, WD 1039-1478		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$59,000.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$59,000.00

Just Value	$59,000.00
Class Value	$0.00
Assessed Value	$59,000.00
Exempt Value	$0.00
Total Taxable Value	$59,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price
2/18/2005	1039/1478	WD	V	Q		$77,000.00
6/30/2004	1020/429	WD	V	Q		$50,000.00
10/25/1995	812/1257	WD	V	Q		$20,000.00

Building Characteristics

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

Extra Features & Out Buildings

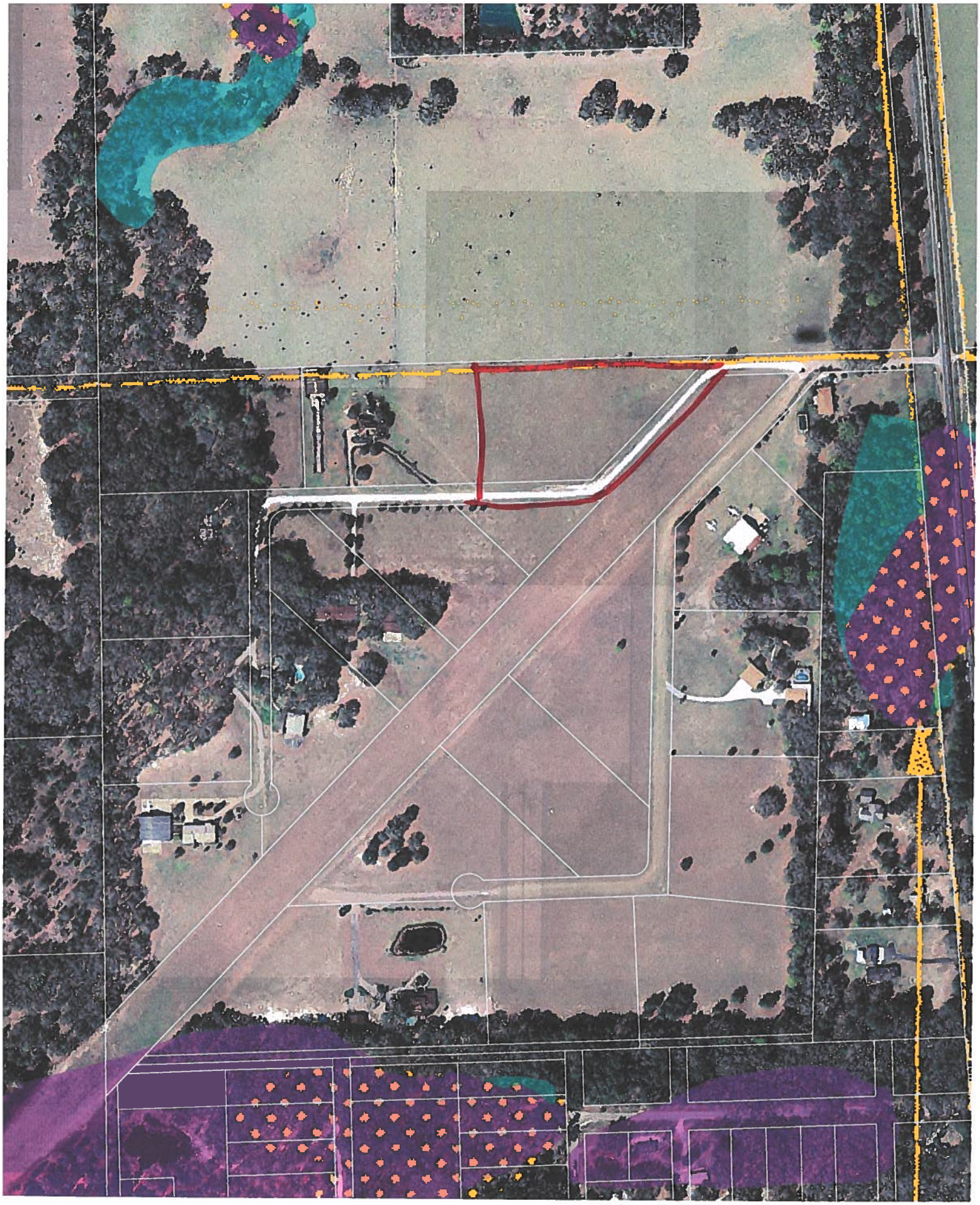
Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.000AC)	1.00/1.00/1.00/1.00	$59,000.00	$59,000.00

Columbia County Property Appraiser

DB Last Updated: 5/11/2007



0707-66

DANA ECKER

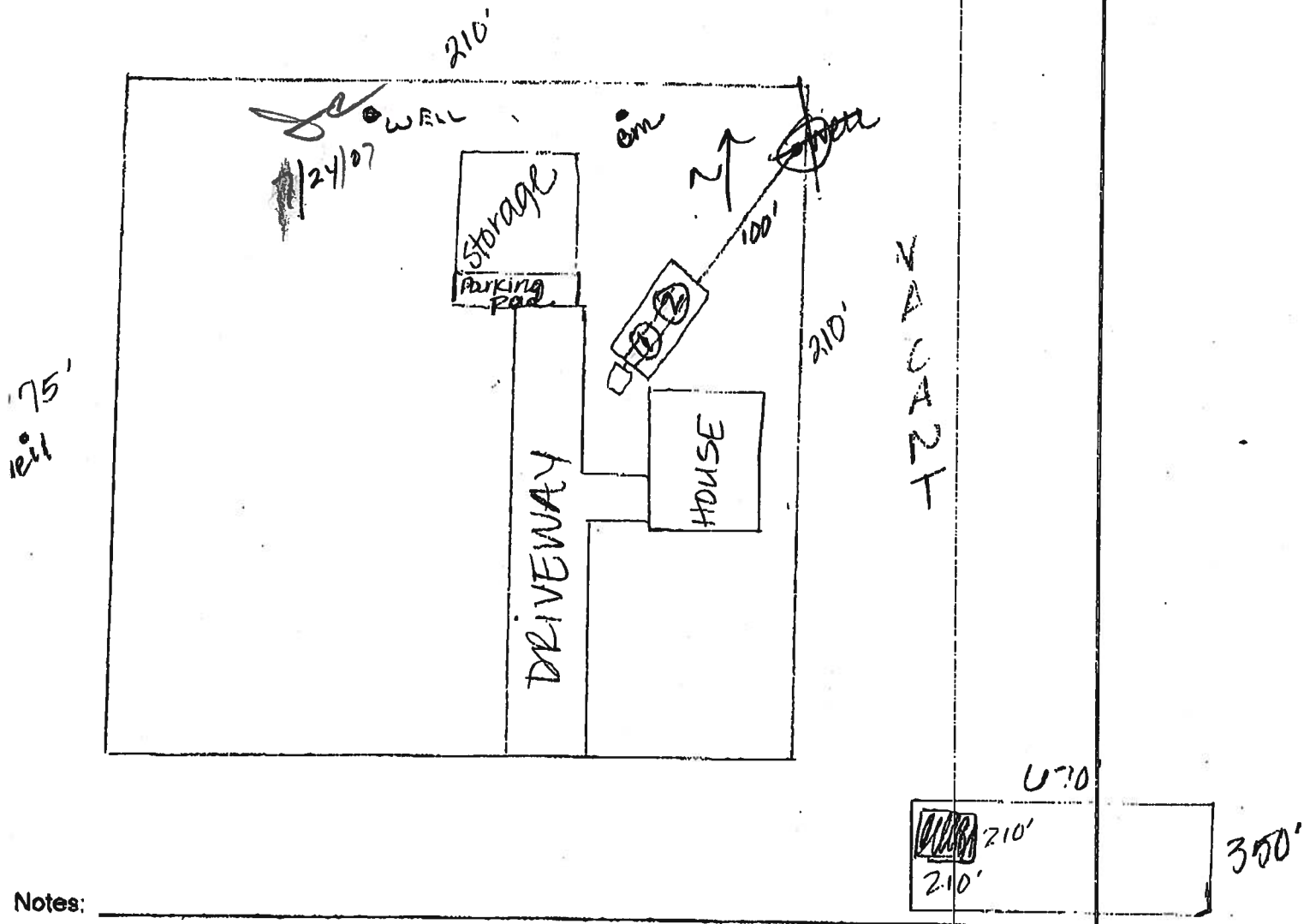
REVISED

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0598-E

---------- PART II - SITEPLAN ----------

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: _____

Plan Approved ✓ Not Approved ____

By _____ Columbia CHD

MASTER CONTRACTOR

Date JAN 25 2007

County Health Department

7/24/07

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

FORM 600A-2004 Tested sealed ducts must be certified in this house. EnergyGauge® 4.1

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**William & Jean Dannecker**	Builder:	
Address:	**255 SW Aviation Drive**	Permitting Office:	COLUMBIA
City, State:	**Lake City, FL 32024-**	Permit Number:	
Owner:	**Dannecker Res.**	Jurisdiction Number:	22100 0
Climate Zone:	**North**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 40.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. Central Unit	Cap: 40.0 kBtu/hr
5. Is this a worst case?	No		SEER: 11.00
6. Conditioned floor area (ft²)	3121 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 (Sngle Default) 449.3 ft²	a. Electric Heat Pump	Cap: 40.0 kBtu/hr
b. SHGC:			HSPF: 6.80
(or Clear or Tint DEFAULT)	7b. (Clear) 449.3 ft²	b. Electric Heat Pump	Cap: 40.0 kBtu/hr
8. Floor types			HSPF: 6.80
a. Slab-On-Grade Edge Insulation	R=0.0, 300.0(p) ft	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Concrete, Ext Insul, Exterior	R=5.0, 2140.7 ft²		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 360.0 ft²	b. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.90
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 3300.0 ft²	15. HVAC credits	PT,
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts(Leak Free)		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft	MZ-C-Multizone cooling,	
b. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft	MZ-H-Multizone heating)	

Glass/Floor Area: 0.14 Total as-built points: 38834 Total base points: 40591 **PASS**

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

PREPARED BY: _____

DATE: 10-24-06

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **255 SW Aviation Drive, Lake City, FL, 32024-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points
.18	3121.0	20.04	11258.1	Single, Clear	W	1.5	10.0	75.0	43.84	0.98	3218.6
				Single, Clear	N	1.5	10.0	45.0	21.73	0.98	960.0
				Single, Clear	N	8.0	10.0	20.0	21.73	0.75	323.8
				Single, Clear	W	9.5	10.0	133.3	43.84	0.54	3169.3
				Single, Clear	W	9.5	10.0	15.0	43.84	0.54	356.6
				Single, Clear	N	9.5	10.0	20.0	21.73	0.72	312.4
				Single, Clear	N	9.5	10.0	6.0	21.73	0.72	93.7
				Single, Clear	E	9.5	10.0	60.0	47.92	0.53	1524.8
				Single, Clear	S	9.5	10.0	15.0	40.81	0.53	323.0
				Single, Clear	E	1.5	10.0	9.0	47.92	0.98	421.9
				Single, Clear	S	1.5	10.0	16.0	40.81	0.96	626.9
				Single, Clear	S	1.5	10.0	20.0	40.81	0.96	783.7
				Single, Clear	S	1.5	10.0	15.0	40.81	0.96	587.7
				As-Built Total:				**449.3**			**12702.5**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	360.0	0.70	252.0	Concrete, Ext Insul, Exterior	5.0	2140.7	0.50	1070.3
Exterior	2140.7	1.70	3639.2	Frame, Wood, Adjacent	13.0	360.0	0.60	216.0
Base Total:	**2500.7**		**3891.2**	**As-Built Total:**		**2500.7**		**1286.3**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	1.60	32.0	Exterior Insulated	20.0	4.10	82.0
Exterior	20.0	4.10	82.0	Adjacent Insulated	20.0	1.60	32.0
Base Total:	**40.0**		**114.0**	**As-Built Total:**	**40.0**		**114.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	3121.0	1.73	5399.3	Under Attic	30.0	3300.0	1.73 X 1.00	5709.0
Base Total:	**3121.0**		**5399.3**	**As-Built Total:**		**3300.0**		**5709.0**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	300.0(p)	-37.0	-11100.0	Slab-On-Grade Edge Insulation	0.0	300.0(p	-41.20	-12360.0
Raised	0.0	0.00	0.0					
Base Total:			**-11100.0**	**As-Built Total:**		**300.0**		**-12360.0**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **255 SW Aviation Drive, Lake City, FL, 32024-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points				Area X	SPM	=	Points
	3121.0	10.21	31865.4				3121.0	10.21		31865.4
Summer Base Points: 41428.0				**Summer As-Built Points:**						**39317.3**
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 40000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
				39317	0.50	(1.09 x 1.000 x 1.00)	0.310	0.950		6316.1
				(sys 2: Central Unit 40000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
				39317	0.50	(1.09 x 1.000 x 1.00)	0.310	0.950		6316.1
41428.0	**0.4266**	**17673.2**		**39317.3**	**1.00**	**1.090**	**0.310**	**0.950**		**12632.1**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **255 SW Aviation Drive, Lake City, FL, 32024-** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	3121.0	12.74	7157.1	Single, Clear	W	1.5	10.0	75.0	28.84	1.01	2175.4
				Single, Clear	N	1.5	10.0	45.0	33.22	1.00	1495.2
				Single, Clear	N	8.0	10.0	20.0	33.22	1.02	674.8
				Single, Clear	W	9.5	10.0	133.3	28.84	1.16	4464.5
				Single, Clear	W	9.5	10.0	15.0	28.84	1.16	502.4
				Single, Clear	N	9.5	10.0	20.0	33.22	1.02	676.1
				Single, Clear	N	9.5	10.0	6.0	33.22	1.02	202.8
				Single, Clear	E	9.5	10.0	60.0	26.41	1.27	2015.6
				Single, Clear	S	9.5	10.0	15.0	20.24	2.65	804.6
				Single, Clear	E	1.5	10.0	9.0	26.41	1.01	240.7
				Single, Clear	S	1.5	10.0	16.0	20.24	1.01	327.9
				Single, Clear	S	1.5	10.0	20.0	20.24	1.01	409.9
				Single, Clear	S	1.5	10.0	15.0	20.24	1.01	307.4
				As-Built Total:				**449.3**			**14297.3**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	360.0	3.60	1296.0	Concrete, Ext Insul, Exterior	5.0	2140.7	4.30	9205.0
Exterior	2140.7	3.70	7920.6	Frame, Wood, Adjacent	13.0	360.0	3.30	1188.0
Base Total:	**2500.7**		**9216.6**	**As-Built Total:**		**2500.7**		**10393.0**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	8.00	160.0	Exterior Insulated	20.0	8.40	168.0
Exterior	20.0	8.40	168.0	Adjacent Insulated	20.0	8.00	160.0
Base Total:	**40.0**		**328.0**	**As-Built Total:**	**40.0**		**328.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	3121.0	2.05	6398.0	Under Attic	30.0	3300.0	2.05 X 1.00	6765.0
Base Total:	**3121.0**		**6398.0**	**As-Built Total:**		**3300.0**		**6765.0**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	300.0(p)	8.9	2670.0	Slab-On-Grade Edge Insulation	0.0	300.0(p	18.80	5640.0
Raised	0.0	0.00	0.0					
Base Total:			**2670.0**	**As-Built Total:**		**300.0**		**5640.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **255 SW Aviation Drive, Lake City, FL, 32024-** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points			
	3121.0	-0.59	-1841.4		3121.0	-0.59	-1841.4			
Winter Base Points:			**23928.3**	**Winter As-Built Points:**						**35582.0**
Total Winter Points	X System Multiplier	= Heating Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
				(sys 1: Electric Heat Pump 40000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
				35582.0	0.500	(1.069 x 1.000 x 1.00)	0.501	0.950	9060.4	
				(sys 2: Electric Heat Pump 40000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Gar(AH),R6.0						
				35582.0	0.500	(1.069 x 1.000 x 1.00)	0.501	0.950	9060.4	
23928.3	**0.6274**		**15012.6**	**35582.0**	**1.00**	**1.069**	**0.501**	**0.950**	**18120.8**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **255 SW Aviation Drive, Lake City, FL, 32024-** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	50.0	0.90	3	0.50	2693.56	1.00	4040.3	
				50.0	0.90	3	0.50	2693.56	1.00	4040.3	
				As-Built Total:							**8080.7**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
17673	**15013**	**7905**	**40591**	**12632**	**18121**	**8081**	**38834**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **255 SW Aviation Drive, Lake City, FL, 32024-** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked 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* = 84.3

The higher the score, the more efficient the home.

Dannecker Res., 255 SW Aviation Drive, Lake City, FL, 32024-

1.	New construction or existing	New	12.	Cooling systems	
2.	Single family or multi-family	Single family		a. Central Unit	Cap: 40.0 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 11.00
4.	Number of Bedrooms	3		b. Central Unit	Cap: 40.0 kBtu/hr
5.	Is this a worst case?	No			SEER: 11.00
6.	Conditioned floor area (ft²)	3121 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 (Sngle Default) 449.3 ft²		a. Electric Heat Pump	Cap: 40.0 kBtu/hr
	b. SHGC:				HSPF: 6.80
	(or Clear or Tint DEFAULT)	7b. (Clear) 449.3 ft²		b. Electric Heat Pump	Cap: 40.0 kBtu/hr
8.	Floor types				HSPF: 6.80
	a. Slab-On-Grade Edge Insulation	R=0.0, 300.0(p) ft		c. N/A	
	b. N/A				
	c. N/A		14.	Hot water systems	
9.	Wall types			a. Electric Resistance	Cap: 50.0 gallons
	a. Concrete, Ext Insul, Exterior	R=5.0, 2140.7 ft²			EF: 0.90
	b. Frame, Wood, Adjacent	R=13.0, 360.0 ft²		b. Electric Resistance	Cap: 50.0 gallons
	c. N/A				EF: 0.90
	d. N/A			c. Conservation credits	
	e. N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
	a. Under Attic	R=30.0, 3300.0 ft²	15.	HVAC credits	PT,
	b. N/A			(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A			HF-Whole house fan,	
11.	Ducts(Leak Free)			PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft		MZ-C-Multizone cooling,	
	b. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 50.0 ft		MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

Energy Code Compliance

Duct System Performance Report

Project Name:	William & Jean Dannecker	Builder:	
Address:	255 SW Aviation Drive	Permitting Office:	
City, State:	Lake City, FL 32024-	Permit Number:	
Owner:	Dannecker Res.	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: _____

BP# 26178

Notice of Treatment 12816

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Baya Dr.
City Lake City Phone (386) 752-1703

Site Location: Subdivision
Lot # Block# Permit # 26178
Address 355 SW Aviation Dr.

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

Type treatment: ☑ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Main Body	5850	318	400

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

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

11-16-07 Date

10:20 Time

RD Crawford Print Technician's Name

Remarks:

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 567
Florida Certificate of Product Approval # FL1999
 Document ID:1T5Z8228Z0226143916

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL
Truss Count:	70
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.24.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 32.0 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

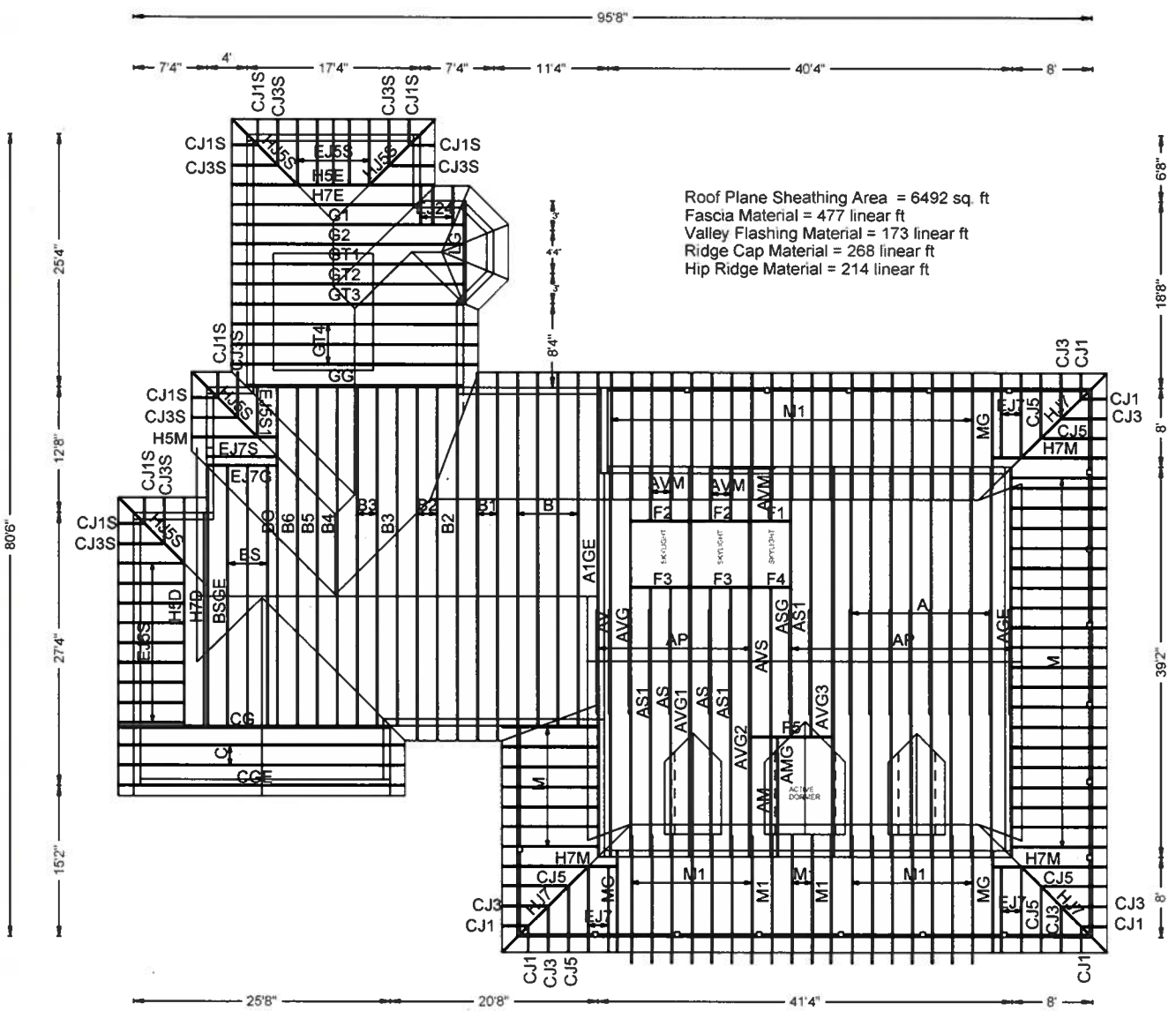
Seal Date: 03/26/2007

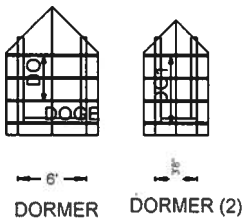
-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

Details: BRCLBSUB-A11030EE-GBLLETIN-A11015EE-PIGBACKA-PIGBACKB-

#	Ref Description	Drawing#	Date
1	64659--A	07085022	03/26/07
2	64660--AGE	07085077	03/26/07
3	64661--A1GE	07085078	03/26/07
4	64662--AVM	07085023	03/26/07
5	64663--AM	07085024	03/26/07
6	64664--AMG	07085025	03/26/07
7	64665--AS	07085079	03/26/07
8	64666--AS	07085026	03/26/07
9	64667--AS1	07085027	03/26/07
10	64668--AV	07085028	03/26/07
11	64669--AVG	07085088	03/26/07
12	64670--AVG1	07085089	03/26/07
13	64671--AVG2	07085090	03/26/07
14	64672--AVG3	07085091	03/26/07
15	64673--AVS	07085029	03/26/07
16	64674--ASG	07085081	03/26/07
17	64675--BG	07085083	03/26/07
18	64676--BS	07085030	03/26/07
19	64677--BSGE	07085084	03/26/07
20	64678--B6	07085031	03/26/07
21	64679--B5	07085032	03/26/07
22	64680--B4	07085033	03/26/07
23	64681--B3	07085034	03/26/07
24	64682--B3	07085035	03/26/07
25	64683--B2	07085036	03/26/07
26	64684--B2	07085037	03/26/07
27	64685--B1	07085038	03/26/07
28	64686--B	07085039	03/26/07
29	64687--CG	07085085	03/26/07
30	64688--CGE	07085040	03/26/07
31	64689--C	07085041	03/26/07
32	64690--H5D	07085042	03/26/07
33	64691--H7D	07085043	03/26/07
34	64692--DO	07085044	03/26/07
35	64693--D01	07085045	03/26/07
36	64694--DOGE	07085046	03/26/07

#	Ref Description	Drawing#	Date
37	64695--H5E	07085047	03/26/07
38	64696--H7E	07085048	03/26/07
39	64697--F1	07085049	03/26/07
40	64698--F3	07085080	03/26/07
41	64699--F2	07085050	03/26/07
42	64700--F4	07085051	03/26/07
43	64701--F5	07085082	03/26/07
44	64702--GG	07085086	03/26/07
45	64703--G2	07085052	03/26/07
46	64704--G1	07085053	03/26/07
47	64705--GT1	07085054	03/26/07
48	64706--GT2	07085055	03/26/07
49	64707--GT3	07085056	03/26/07
50	64708--GT4	07085057	03/26/07
51	64709--EJ7	07085058	03/26/07
52	64710--CJ5	07085059	03/26/07
53	64711--HJ7	07085060	03/26/07
54	64712--CJ3	07085061	03/26/07
55	64713--CJ1	07085062	03/26/07
56	64714--CJ1S	07085063	03/26/07
57	64715--HJ5S	07085064	03/26/07
58	64716--CJ3S	07085065	03/26/07
59	64717--H5M	07085066	03/26/07
60	64718--EJ7S	07085067	03/26/07
61	64719--EJ5S	07085068	03/26/07
62	64720--EJ5S1	07085069	03/26/07
63	64721--EJ7G	07085070	03/26/07
64	64722--EJ24	07085071	03/26/07
65	64723--LG	07085087	03/26/07
66	64724--M	07085072	03/26/07
67	64725--M1	07085073	03/26/07
68	64726--H7M	07085074	03/26/07
69	64727--MG	07085075	03/26/07
70	64728--AP	07085076	03/26/07





CASTAGNA CONSTRUCTION/DANNECKER
#7-088 03.22.07

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1, W17 2x6 SP #2:
:W16 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 14.33
TC - From 64 PLF at 14.33 to 64 PLF at 24.84
TC - From 64 PLF at 24.84 to 64 PLF at 29.12
TC - From 176 PLF at 29.12 to 176 PLF at 29.34
TC - From 176 PLF at 29.34 to 237 PLF at 35.86
TC - From 64 PLF at 35.86 to 64 PLF at 39.17
BC - From 20 PLF at 0.00 to 20 PLF at 39.17
TC - 124 LB Conc. Load at 35.86

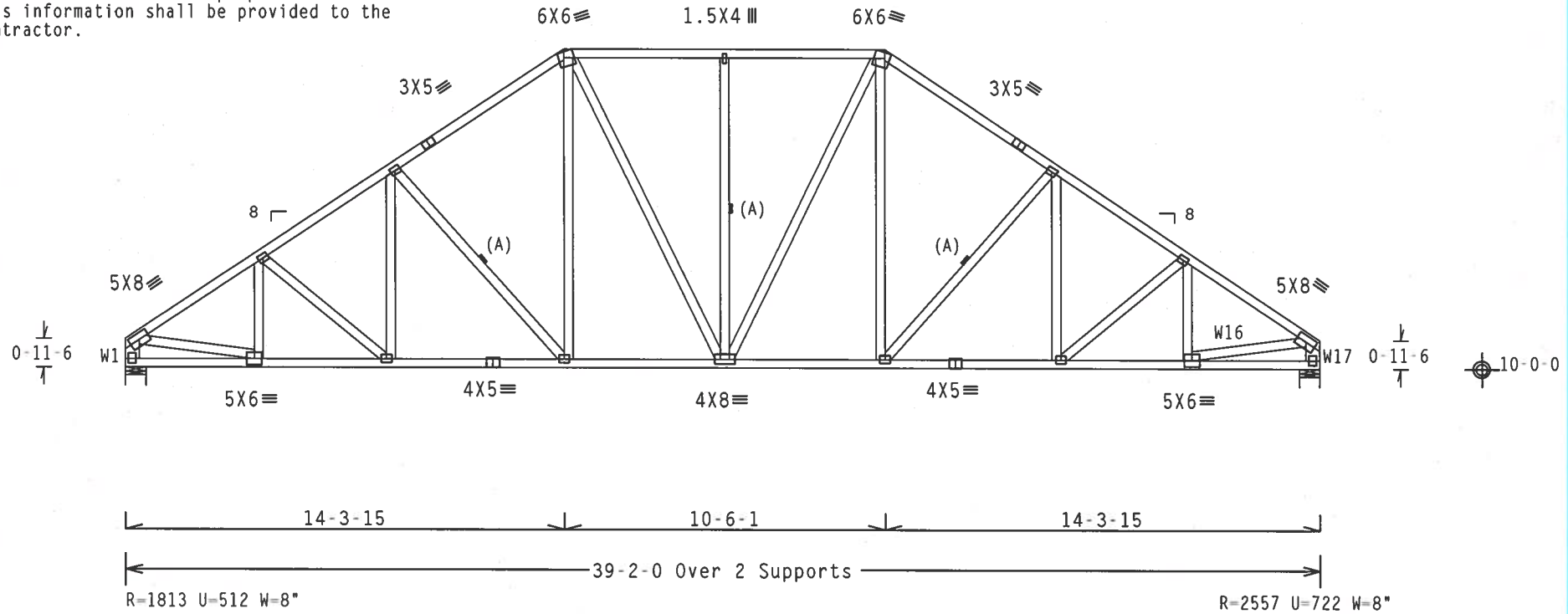
This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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.



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) 7.24.1[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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

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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64659
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085022
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173798
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense :T2, T8 2x6 SP #2:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

(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.

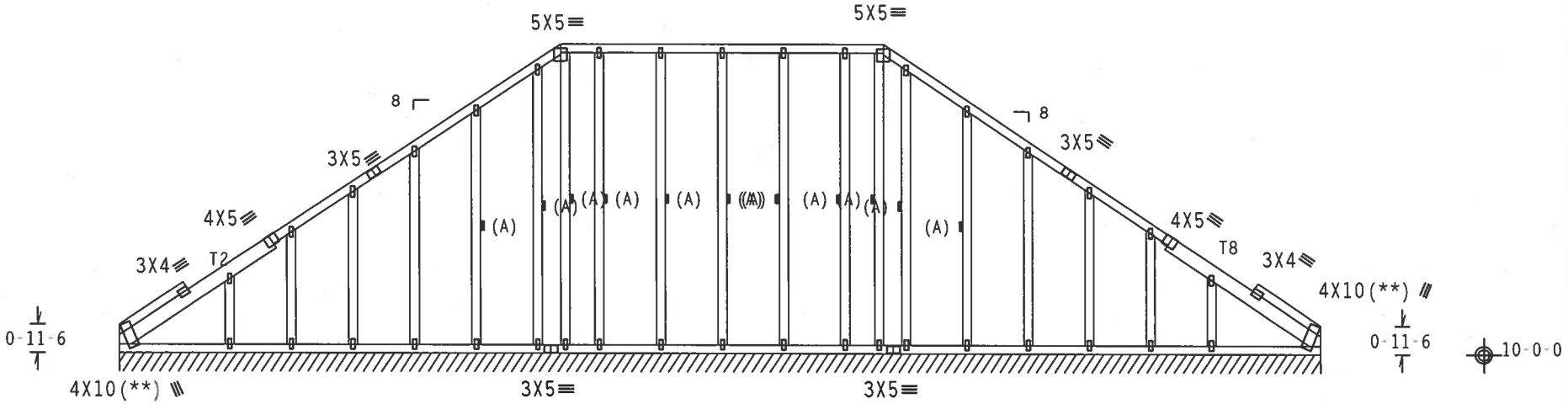
Bracing shown in referenced gable detail may be used in lieu of web bracing indicated on this drawing.

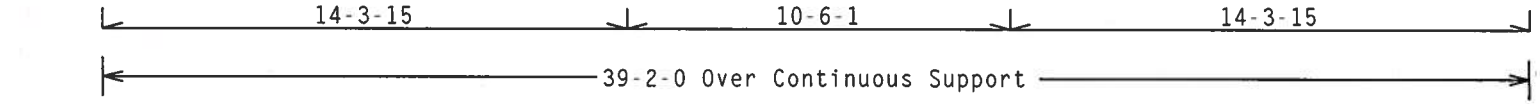
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.37 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

Girder supports 8-0-0 span to BC one face and 2-0-0 span to TC/BC split opposite face.





R=196 PLF U=54 PLF W=39-2-0

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) 7.24.12 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64660
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085077
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 173880
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

Top chord 2x4 SP #2 Dense :T4, T5 2x6 SP #2:
Bot chord 2x6 SP #1 Dense :B2 2x6 SP #2:
Webs 2x4 SP #3 :W8, W12 2x4 SP #2 Dense:
:W16 2x6 SP #2:

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

TC - From	61 PLF	at	-1.50	to	61 PLF	at 11.30
TC - From	64 PLF	at	11.30	to	64 PLF	at 21.16
TC - From	64 PLF	at	21.16	to	64 PLF	at 22.33
TC - From	61 PLF	at	22.33	to	61 PLF	at 32.84
TC - From	64 PLF	at	32.84	to	64 PLF	at 43.75
TC - From	61 PLF	at	43.75	to	61 PLF	at 46.88
TC - From	61 PLF	at	46.88	to	61 PLF	at 47.17
BC - From	4 PLF	at	-1.50	to	4 PLF	at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 15.17
BC - From	20 PLF	at	15.17	to	20 PLF	at 31.17
BC - From	20 PLF	at	31.17	to	20 PLF	at 34.73
BC - From	133 PLF	at	34.73	to	133 PLF	at 47.17

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

110 mph wind, 15.05 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

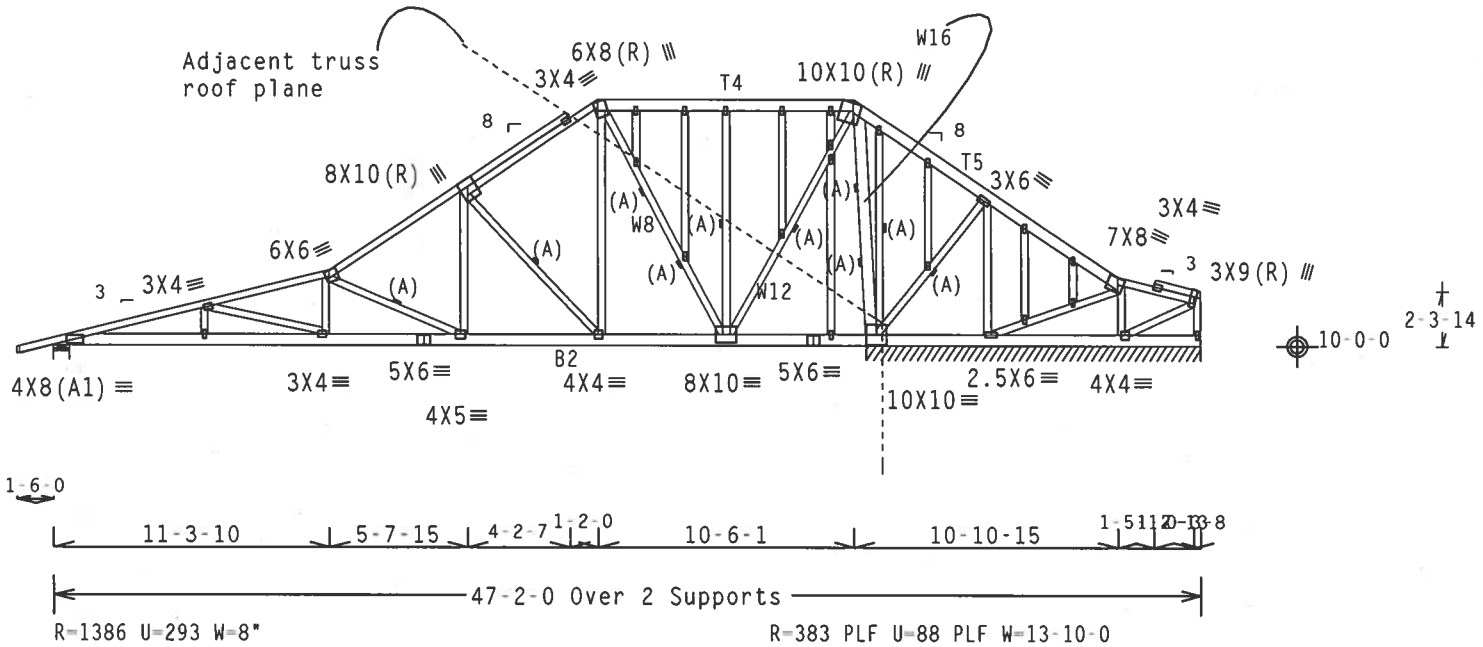
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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.

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



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) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64661
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085078
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173949
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

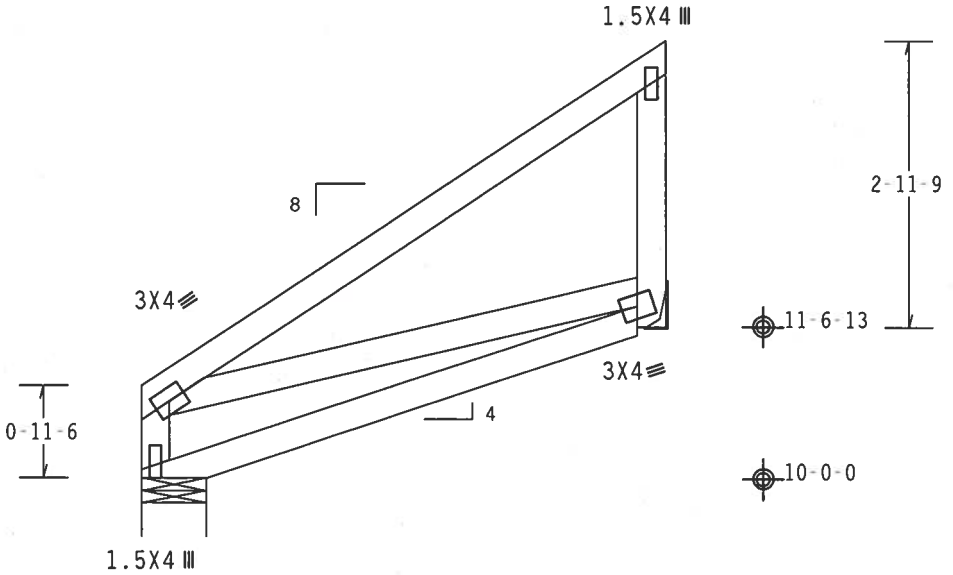
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.[illegible]0.18 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64662
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085023
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 173558
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

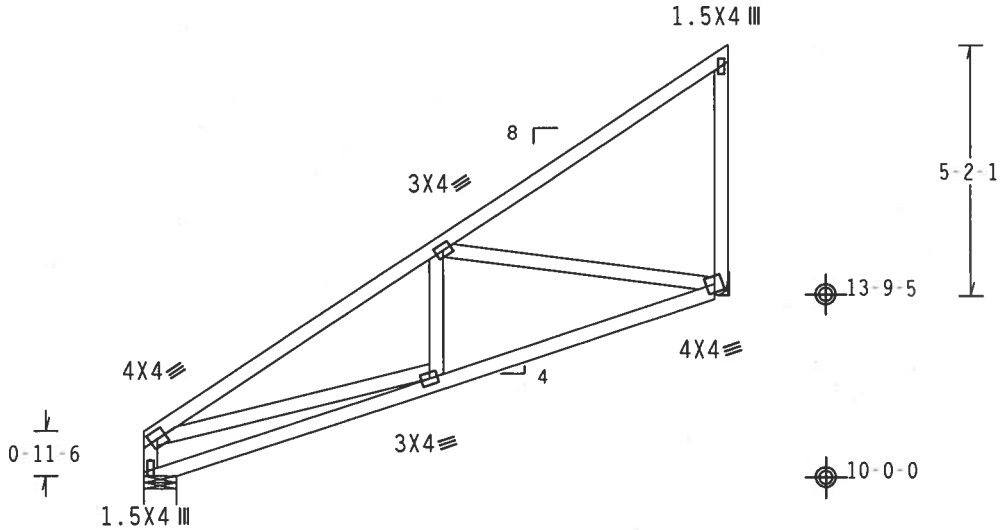
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64663
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085024
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 173765
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - AMG)

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 64 PLF at 0.00 to 64 PLF at 3.30
TC - From 286 PLF at 3.30 to 225 PLF at 10.05
TC - From 64 PLF at 10.05 to 64 PLF at 12.00
BC - From 21 PLF at 0.00 to 21 PLF at 11.71
TC - 186 LB Conc. Load at 3.30

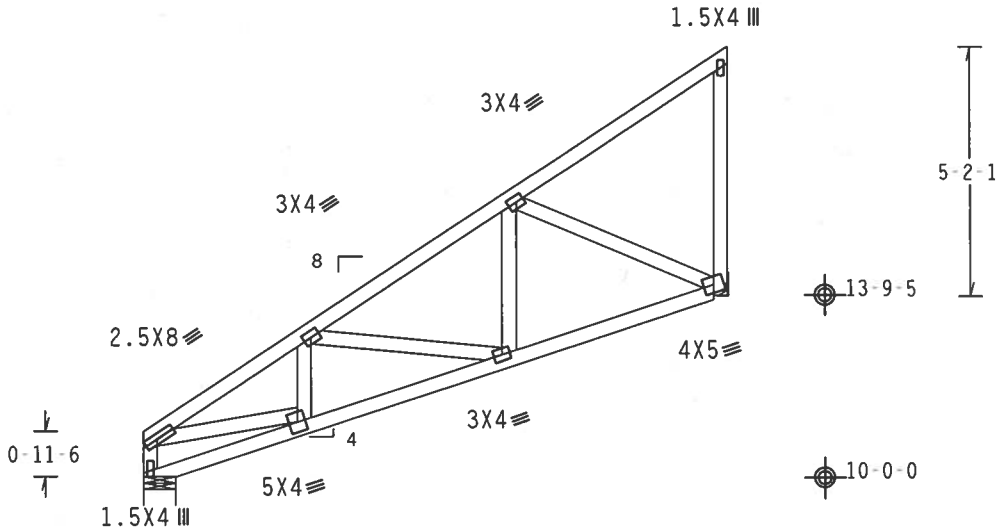
Loading has been calculated by the truss fabricator.
It is the responsibility of the Building Designer (or
Engineer of Record) to verify and approve the loading.

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 C, 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.



12-0-0 Over 2 Supports

R=1222 U=339 W=8" R=1270 U=352

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1[illegible]KEY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64664
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085025
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173802
DUR.FAC.	1.25		
SPACING-	24.0"	JREF-	1T5Z8228Z02

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 2.21
TC - From 64 PLF at 2.21 to 64 PLF at 12.71
TC - From 64 PLF at 12.71 to 64 PLF at 16.99
TC - From 225 PLF at 16.99 to 286 PLF at 23.74
TC - From 64 PLF at 23.74 to 64 PLF at 27.04
BC - From 21 PLF at 0.00 to 21 PLF at 7.46
BC - From 21 PLF at 7.46 to 21 PLF at 27.04
TC - 124 LB Conc. Load at 23.74

Loading has been calculated by the truss fabricator.
It is the responsibility of the Building Designer (or
Engineer of Record) to verify and approve the loading.

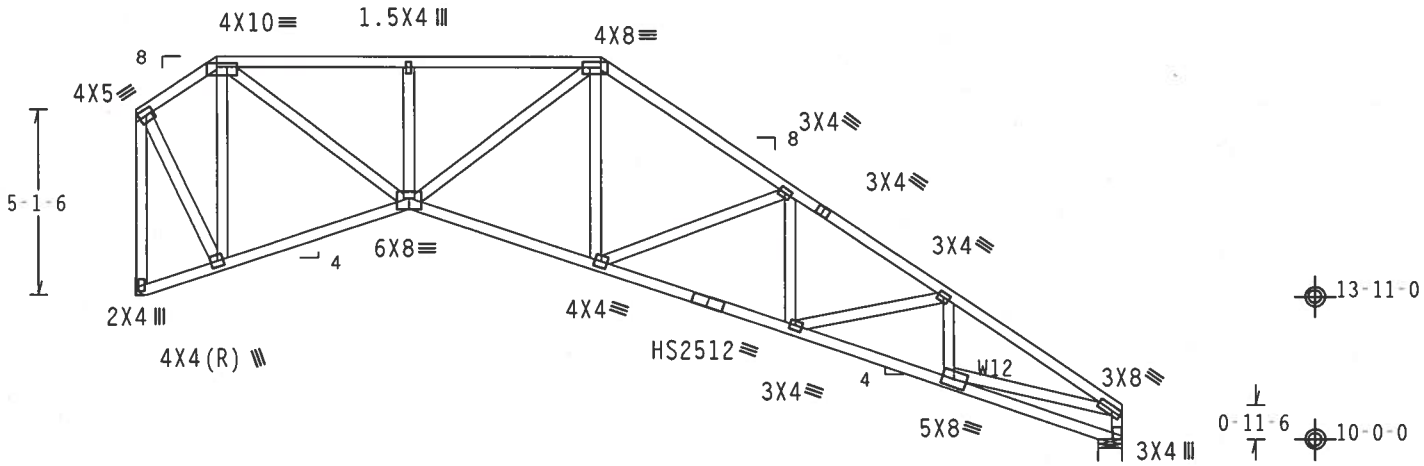
110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, not
located within 4.50 ft from roof edge, CAT II, EXP C, wind TC
DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

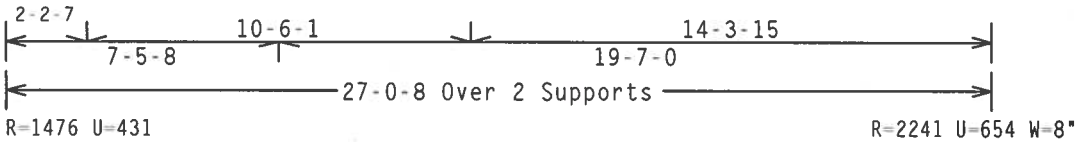
Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

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

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64665
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085079
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 13679
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - AS)

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

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

TC - From	64 PLF at	0.00 to	64 PLF at	2.21
TC - From	64 PLF at	2.21 to	64 PLF at	12.71
TC - From	64 PLF at	12.71 to	64 PLF at	16.99
TC - From	176 PLF at	16.99 to	237 PLF at	23.74
TC - From	64 PLF at	23.74 to	64 PLF at	27.04
BC - From	21 PLF at	0.00 to	21 PLF at	7.46
BC - From	21 PLF at	7.46 to	21 PLF at	27.04

TC - 124 LB Conc. Load at 23.74

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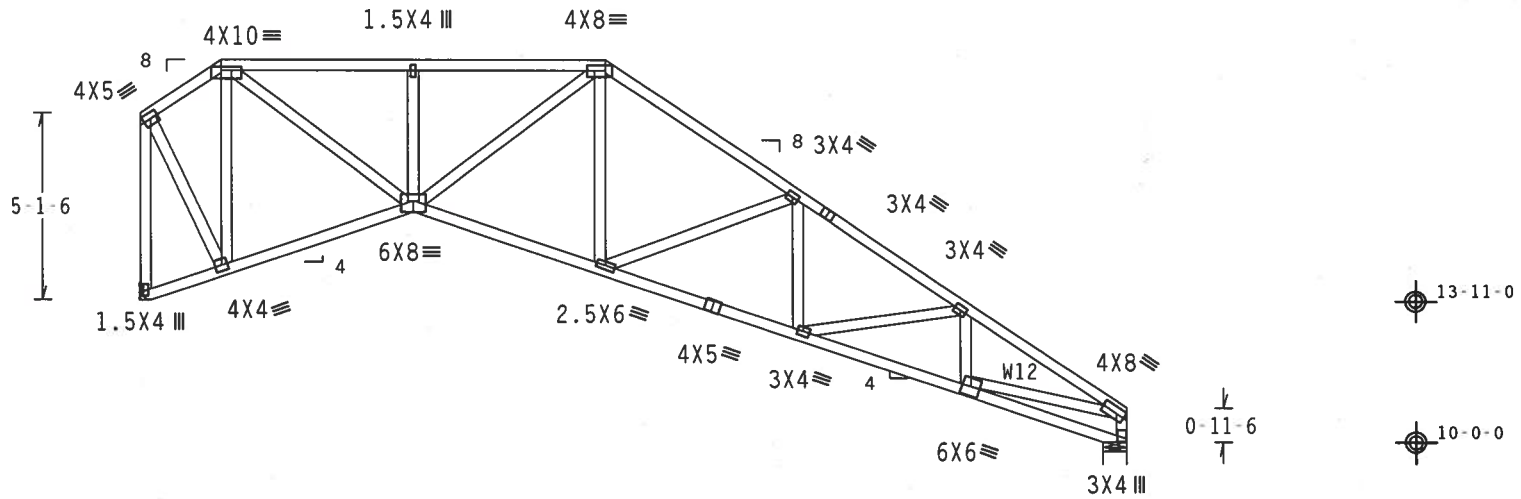
110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

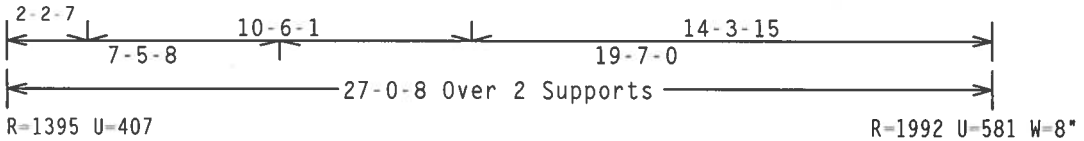
Wind reactions based on MWFRS pressures.

Left end vertical not exposed to wind pressure.

Calculated horizontal deflection is 0.10" due to live load and 0.16" due to dead load.

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

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

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64666
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085026
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173780
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

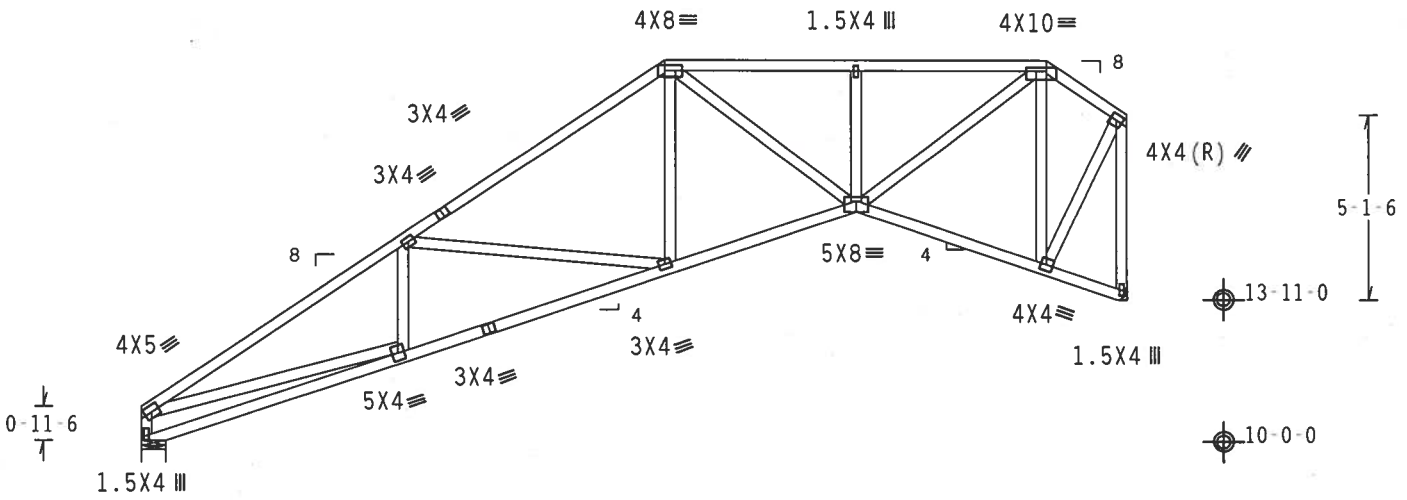
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

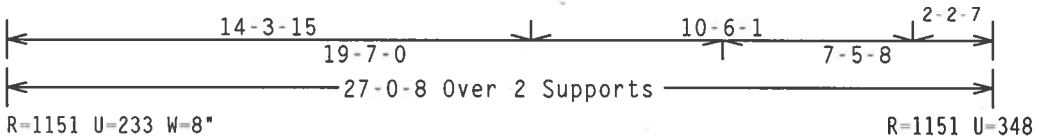
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

ALPINE
ITW Building Components Group, Inc.
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TC LL	20.0 PSF	REF	R8228- 64667
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085027
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173747
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

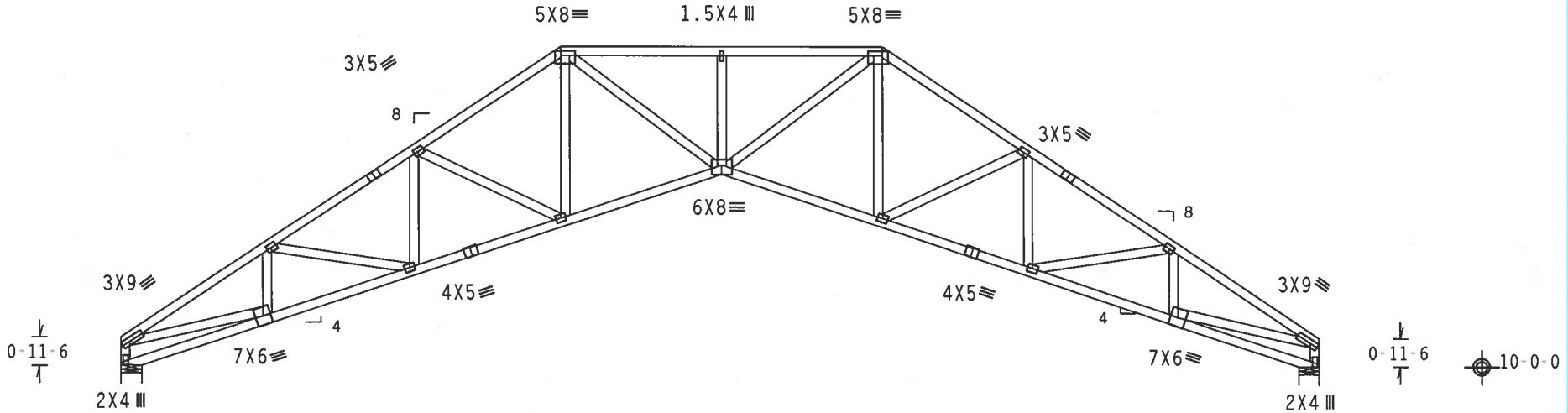
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

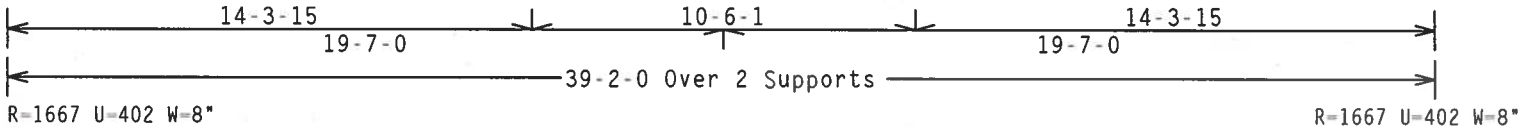
Wind reactions based on MWFRS pressures.

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

110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.26" due to live load and 0.43" due to dead load.





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

ALPINE

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

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

Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64668
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085028
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173116
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - AVG)

Top chord 2x6 SP #1 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W8 2x4 SP #2 Dense:
:Lt Slider 2x4 SP #2 Dense: BLOCK LENGTH = 4.315'
:Rt Slider 2x4 SP #2 Dense: BLOCK LENGTH = 4.314'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 14.33
TC - From 64 PLF at 14.33 to 64 PLF at 24.84
TC - From 64 PLF at 24.84 to 64 PLF at 39.17
BC - From 21 PLF at 0.00 to 21 PLF at 19.58
BC - From 21 PLF at 19.58 to 21 PLF at 39.17
BC - 472 LB Conc. Load at 5.44
BC - 1573 LB Conc. Load at 12.06

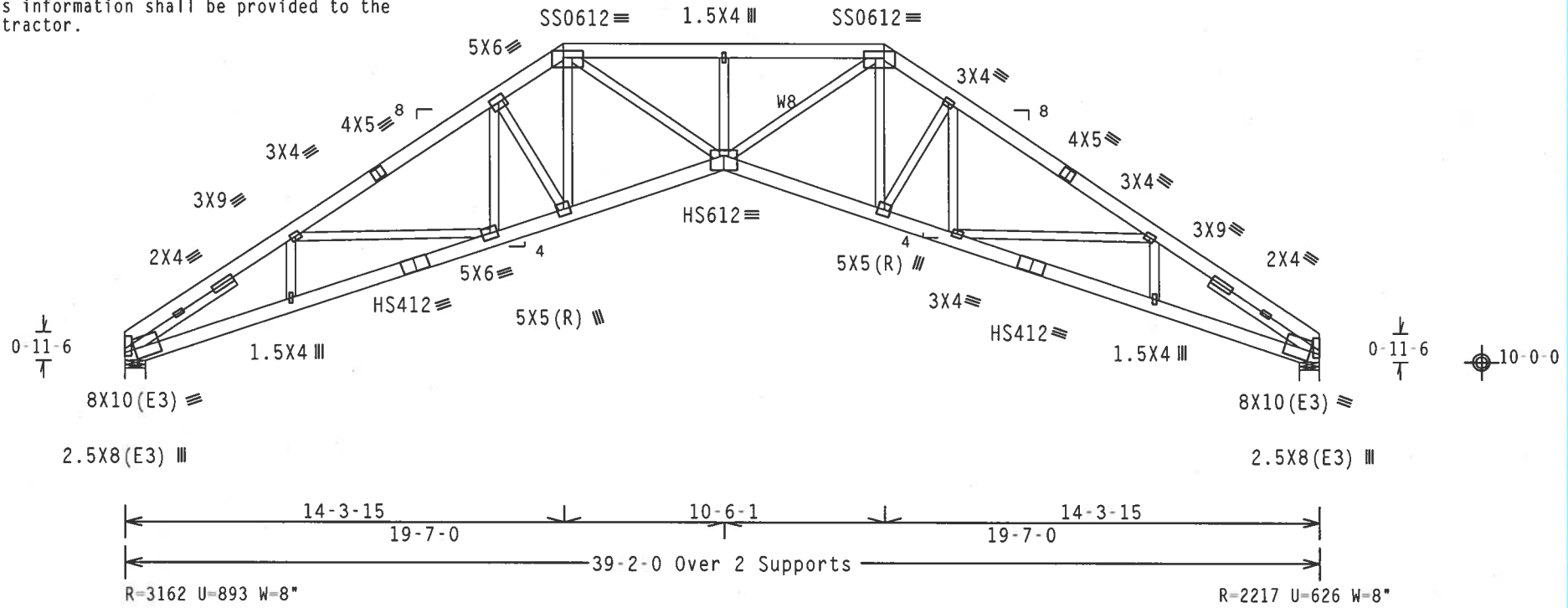
This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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 0.33" due to live load and 0.54" due to dead load.

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



14-3-15 | 10-6-1 | 14-3-15
19-7-0 | 19-7-0
39-2-0 Over 2 Supports

R=3162 U=893 W=8" R=2217 U=626 W=8"

PLT TYP. 20 Gauge HS,18 Gauge HS, Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64669
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085088
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 173790
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 14.33
TC - From 64 PLF at 14.33 to 64 PLF at 24.84
TC - From 64 PLF at 24.84 to 64 PLF at 39.17
BC - From 21 PLF at 0.00 to 21 PLF at 19.58
BC - From 21 PLF at 19.58 to 21 PLF at 39.17
BC - 945 LB Conc. Load at 5.44
BC - 3146 LB Conc. Load at 12.06

Calculated horizontal deflection is 0.27" due to live load and 0.43" due to dead load.

(B) (1) scab required. 2X4X (10-0-0) SP #2 Dense (or better).
Attach to one face of truss with (1) row of 10d box or gun (0.128"x3.0") nails @ 6" o.c. throughout member(s) without splitting lumber.

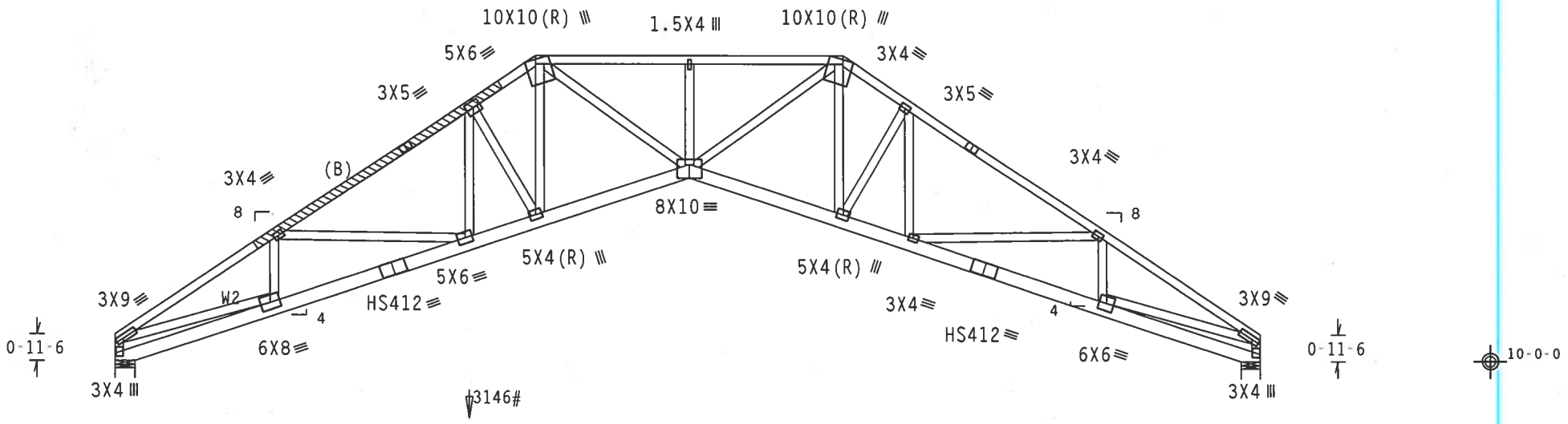
2 COMPLETE TRUSSES REQUIRED

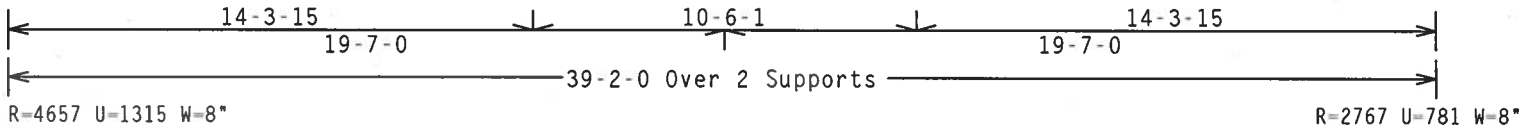
Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"._min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 39687 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAY 26 '07

TC LL	20.0 PSF	REF	R8228- 64670
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085089
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	173997
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense :T3 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W2, W16 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 14.33
TC - From 64 PLF at 14.33 to 64 PLF at 24.84
TC - From 64 PLF at 24.84 to 64 PLF at 39.17
BC - From 21 PLF at 0.00 to 21 PLF at 19.58
BC - From 21 PLF at 19.58 to 21 PLF at 39.17
BC - 746 LB Conc. Load at 5.44
BC - 2045 LB Conc. Load at 12.06
BC - 3066 LB Conc. Load at 27.10

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.

(B) (1) scab required. 2X4X (10-0-0) SP #2 Dense (or better).
Attach to one face of truss with (1) row of 10d box (0.128"x3") nails @ 6" o.c. throughout member(s) without splitting lumber.

2 COMPLETE TRUSSES REQUIRED

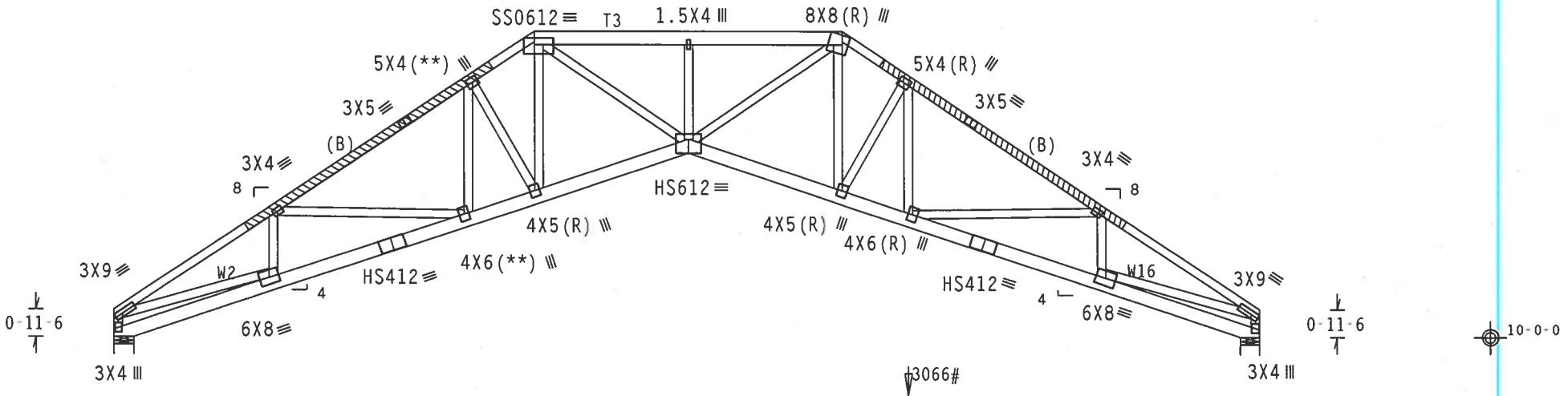
Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"._min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 9.50" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

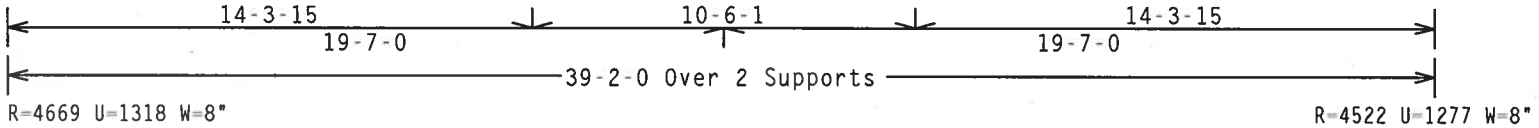
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.32" due to live load and 0.50" due to dead load.

Calculated vertical deflection is 0.41" due to live load and 0.64" due to dead load at X = 19-7-0.





PLT TYP. 20 Gauge HS,18 Gauge HS, Wave
Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/-
Scale =.1875"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64671
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085090
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	174053
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3 :W20 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 14.33
TC - From 64 PLF at 14.33 to 64 PLF at 24.84
TC - From 64 PLF at 24.84 to 64 PLF at 29.11
TC - From 225 PLF at 29.11 to 225 PLF at 29.34
TC - From 225 PLF at 29.34 to 286 PLF at 35.86
TC - From 64 PLF at 35.86 to 64 PLF at 39.17
BC - From 21 PLF at 0.00 to 21 PLF at 19.58
BC - From 21 PLF at 19.58 to 21 PLF at 39.17
TC - 186 LB Conc. Load at 35.86
BC - 2564 LB Conc. Load at 27.10

Loading has been calculated by the truss fabricator. It is the responsibility of the Building Designer (or Engineer of Record) to verify and approve the loading.

This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

2 COMPLETE TRUSSES REQUIRED

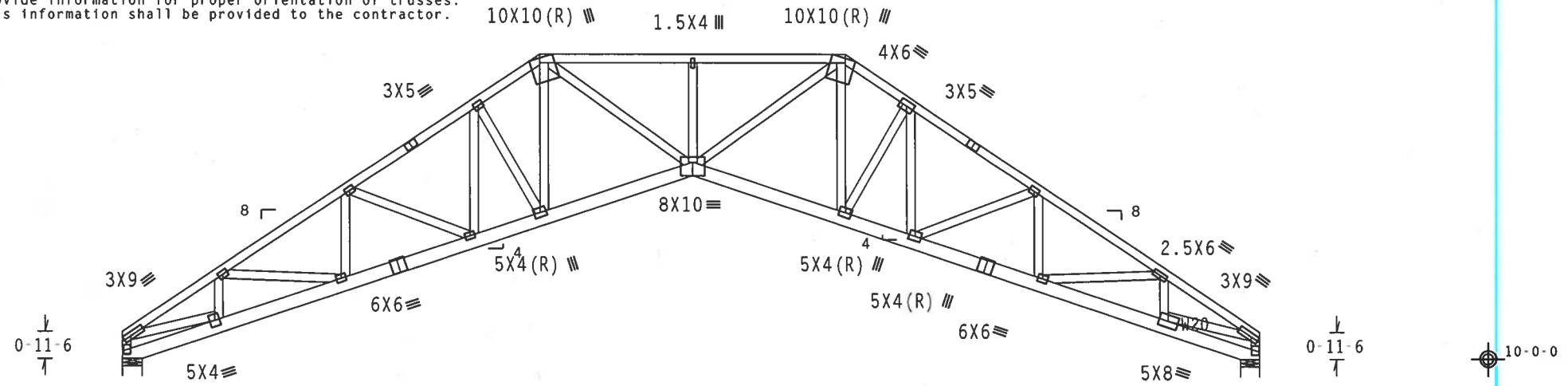
Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"._min.)_nails)
Top Chord: 1 Row @10.25" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

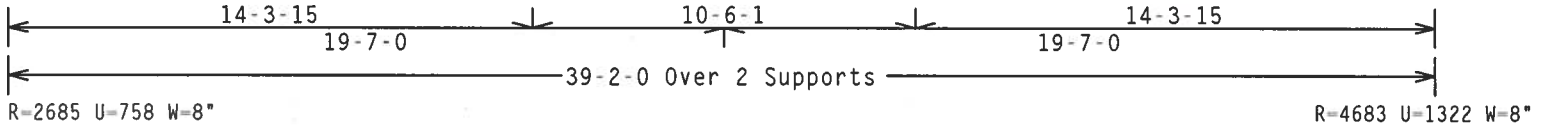
110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.25" due to live load and 0.40" due to dead load.

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





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

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

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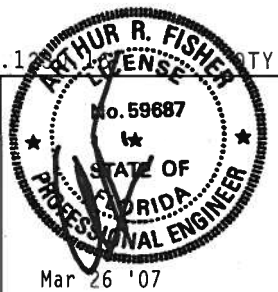


Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64672
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085091
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 174098
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

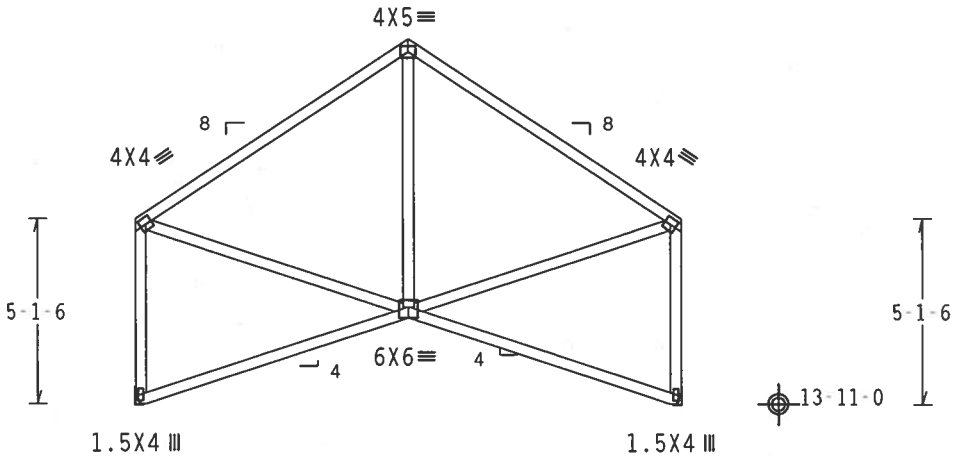
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

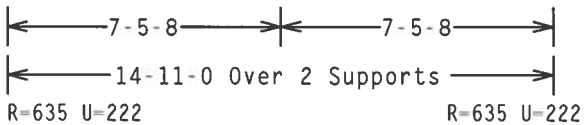
Wind reactions based on MWFRS pressures.

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

110 mph wind, 21.52 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12[illegible] TY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 07

TC LL	20.0 PSF	REF	R8228- 64673
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085029
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173667
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

110 mph wind, 15.72 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

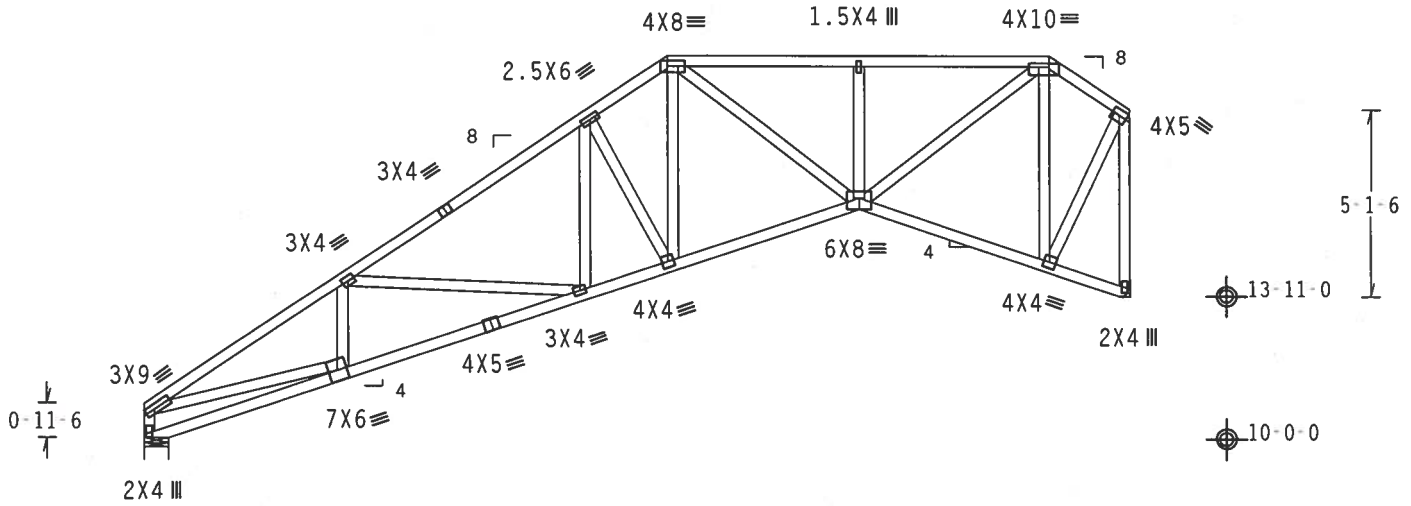
Wind reactions based on MWFRS pressures.

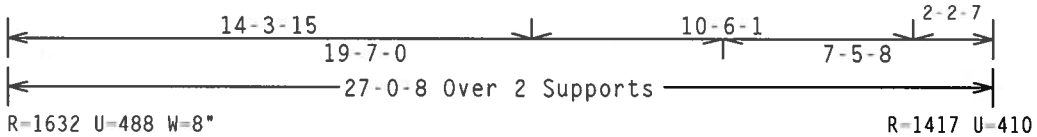
Calculated horizontal deflection is 0.10" due to live load and 0.17" due to dead load.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 14.33
TC - From 64 PLF at 14.33 to 64 PLF at 24.84
TC - From 64 PLF at 24.84 to 64 PLF at 27.04
BC - From 21 PLF at 0.00 to 21 PLF at 19.58
BC - From 21 PLF at 19.58 to 21 PLF at 27.04
PLB- 274 LB Conc. Load at (5.44,11.63)
PLB- 472 LB Conc. Load at (12.06,13.84)

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) 7.24.12 [illegible]Y:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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

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

ARTHUR R. FISHER
LICENSE
No.59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26,07

TC LL	20.0 PSF	REF	R8228- 64674
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085081
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	173672
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - BG)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x6 SP #1 Dense :B2 2x6 SP #2:
:B3 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W2 2x4 SP #2 Dense:
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 3.00
TC - From 64 PLF at 3.00 to 64 PLF at 7.00
TC - From 64 PLF at 7.00 to 64 PLF at 15.00
TC - From 64 PLF at 15.00 to 64 PLF at 21.00
TC - From 64 PLF at 21.00 to 64 PLF at 34.00
BC - From 20 PLF at 0.00 to 20 PLF at 34.00
TC - 220 LB Conc. Load at 7.06
BC - 74 LB Conc. Load at 7.06
PLB- 563 LB Conc. Load at (5.06,10.04)
PLB- 2196 LB Conc. Load at (7.94,10.04)

Left end vertical not exposed to wind pressure.

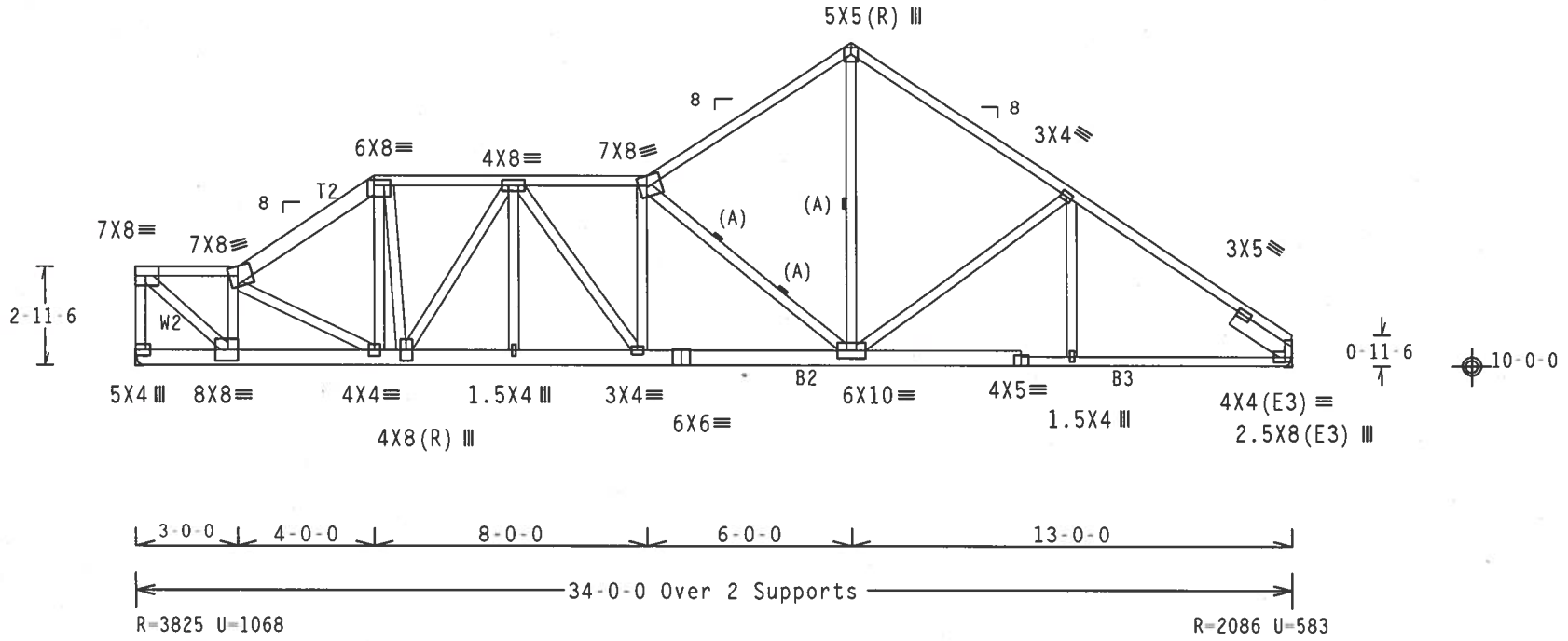
110 mph wind, 15.28 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Max JT VERT DEFL: LL: 0.20" DL: 0.32" recommended camber 1/2"

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

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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228-64675
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085083
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	159613
DUR.FAC.	1.25	FROM	JFB
SPACING	24.0"	JREF-	1T5Z8228Z02

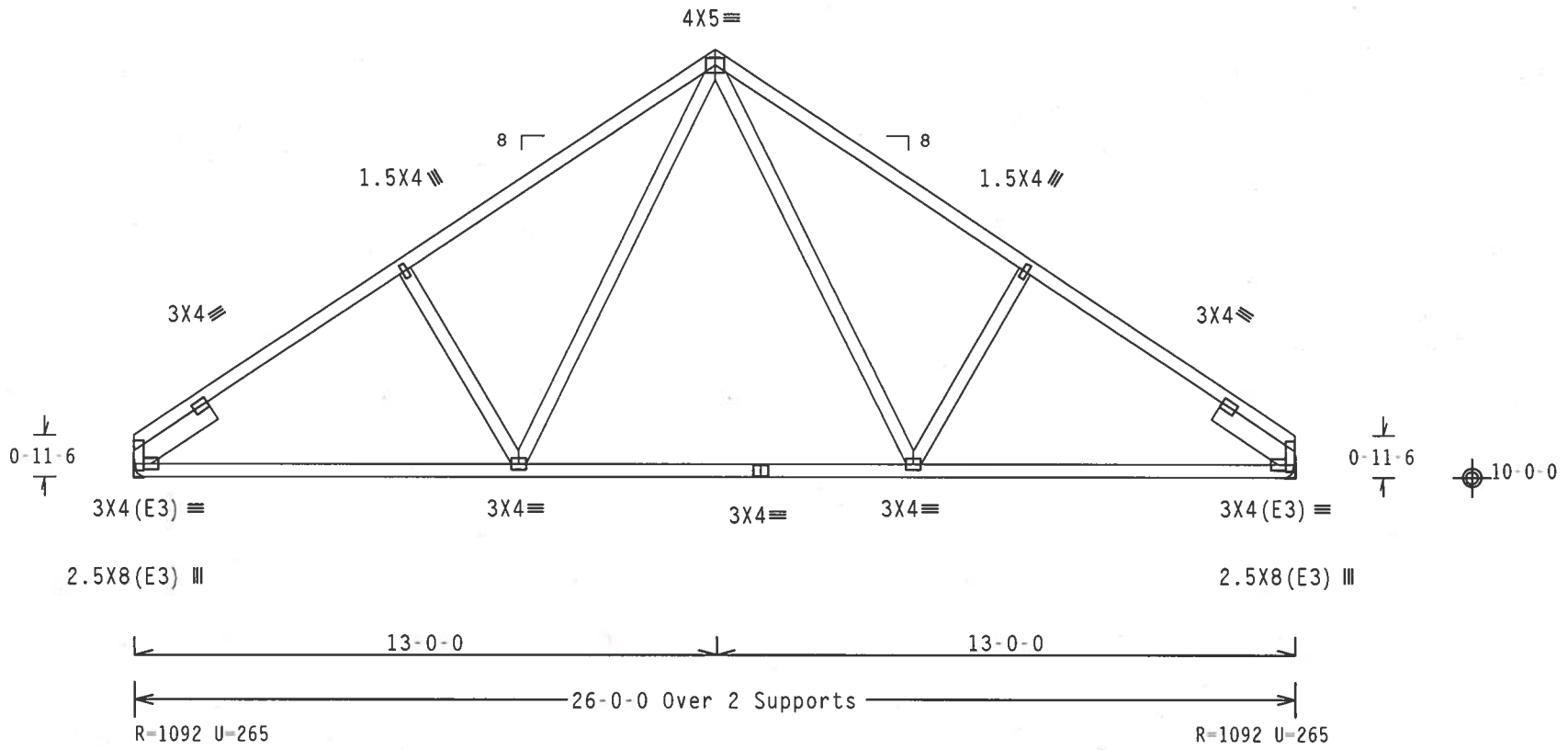
(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - BS)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 2.122'
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.122'

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

110 mph wind, 15.28 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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) 7.24.12 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.25"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64676
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085030
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172780
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

Top chord 2x4 SP #2 Dense :T2, T5 2x6 SP #2:
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

(A) Continuous lateral bracing equally spaced on member.

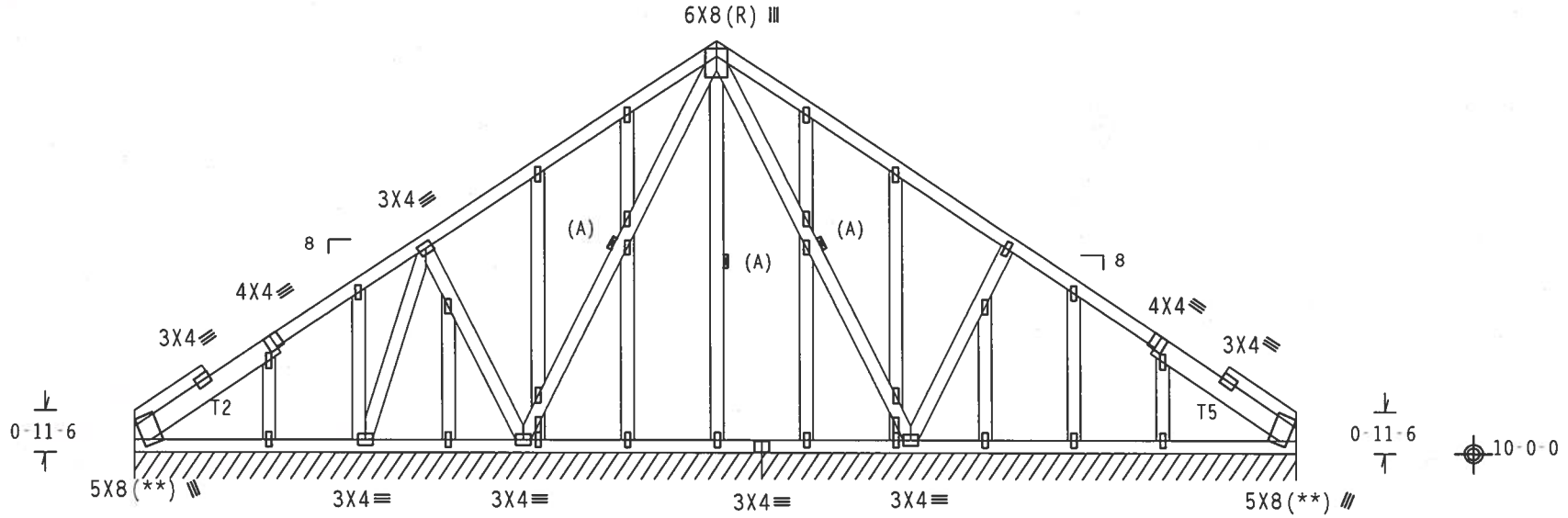
Bracing shown in referenced gable detail may be used in lieu of web bracing indicated on this drawing.

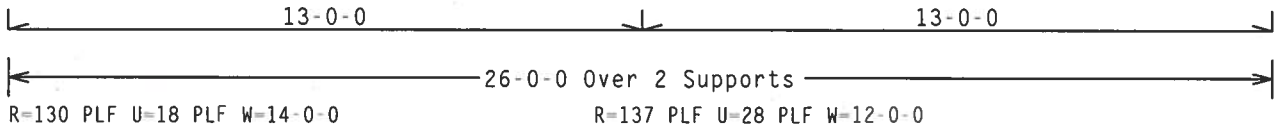
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

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

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

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





Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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

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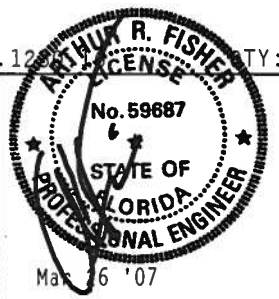


Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64677
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085084
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	173884
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

Left end vertical not exposed to wind pressure.

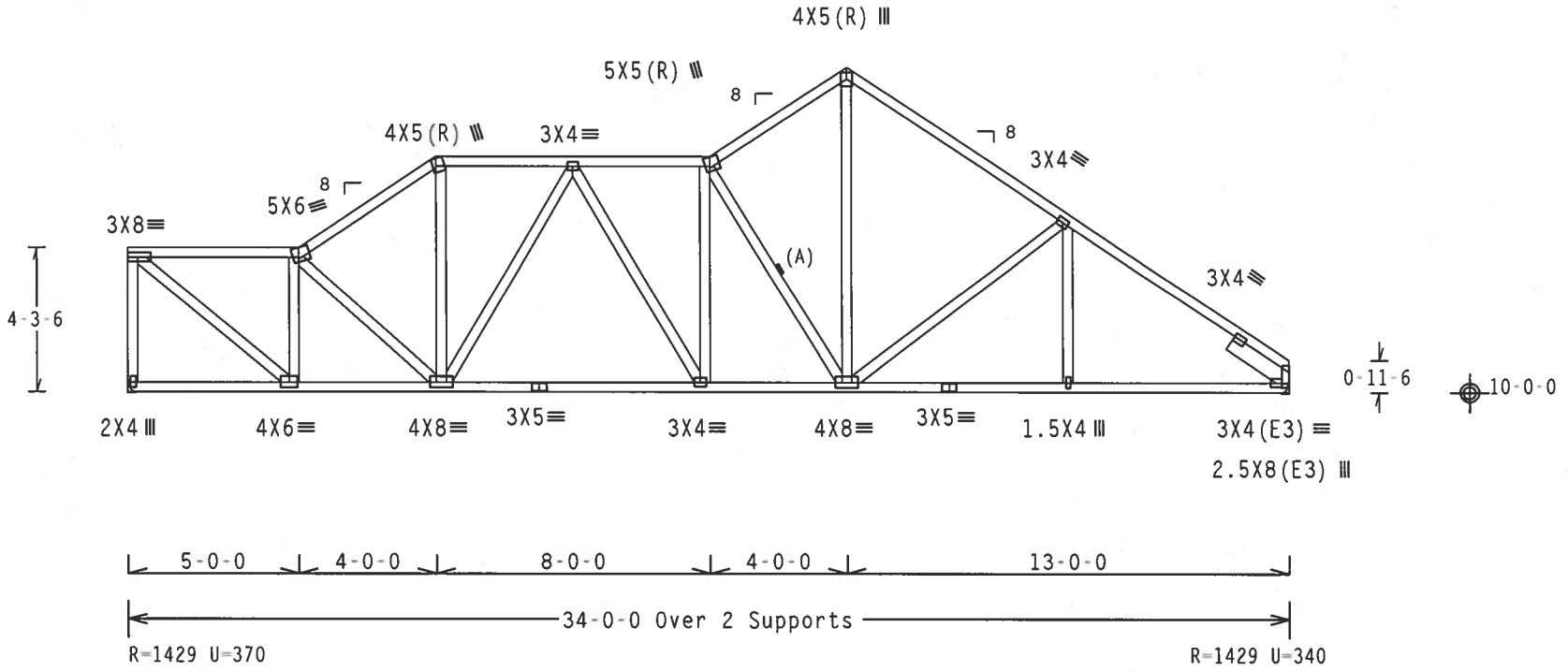
(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.28 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Max JT VERT DEFL: LL: 0.11" DL: 0.19" recommended camber 1/4"

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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64678
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085031
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	172994
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

Left end vertical not exposed to wind pressure.

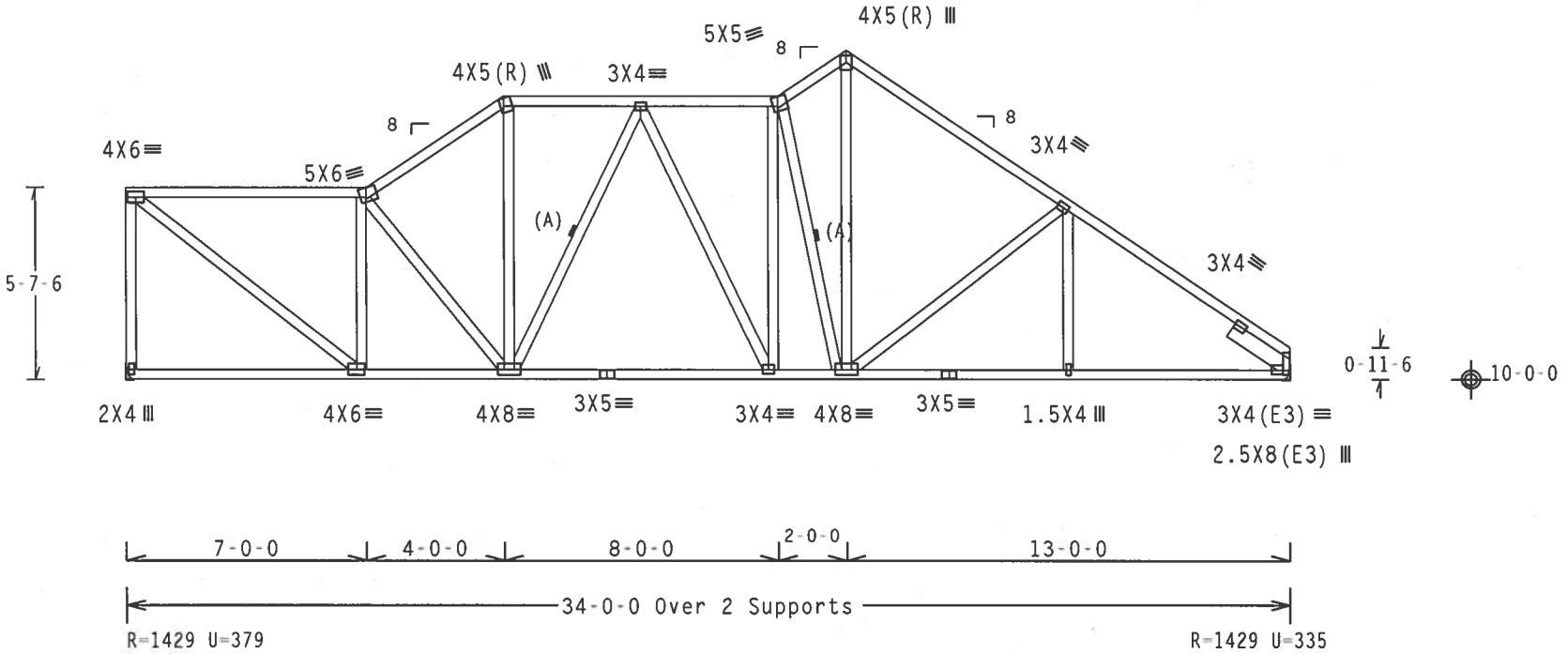
(A) Continuous lateral bracing equally spaced on member.

110 mph wind, 15.28 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Max JT VERT DEFL: LL: 0.12" DL: 0.19" recommended camber 3/8"

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 607

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64679
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085032
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173004
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - B4)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.009'

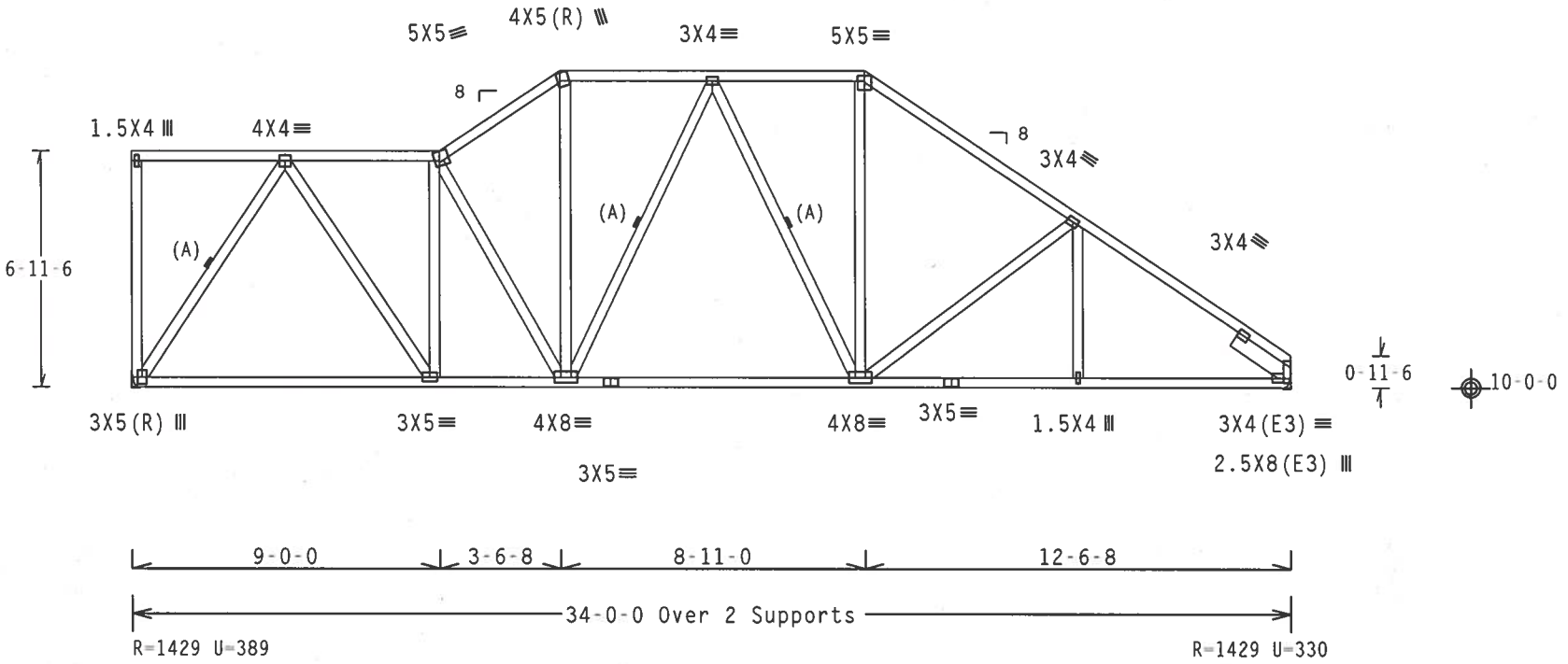
Left end vertical not exposed to wind pressure.

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

110 mph wind, 15.13 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, 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.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible] QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.1875"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64680
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085033
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 173012
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - B3)

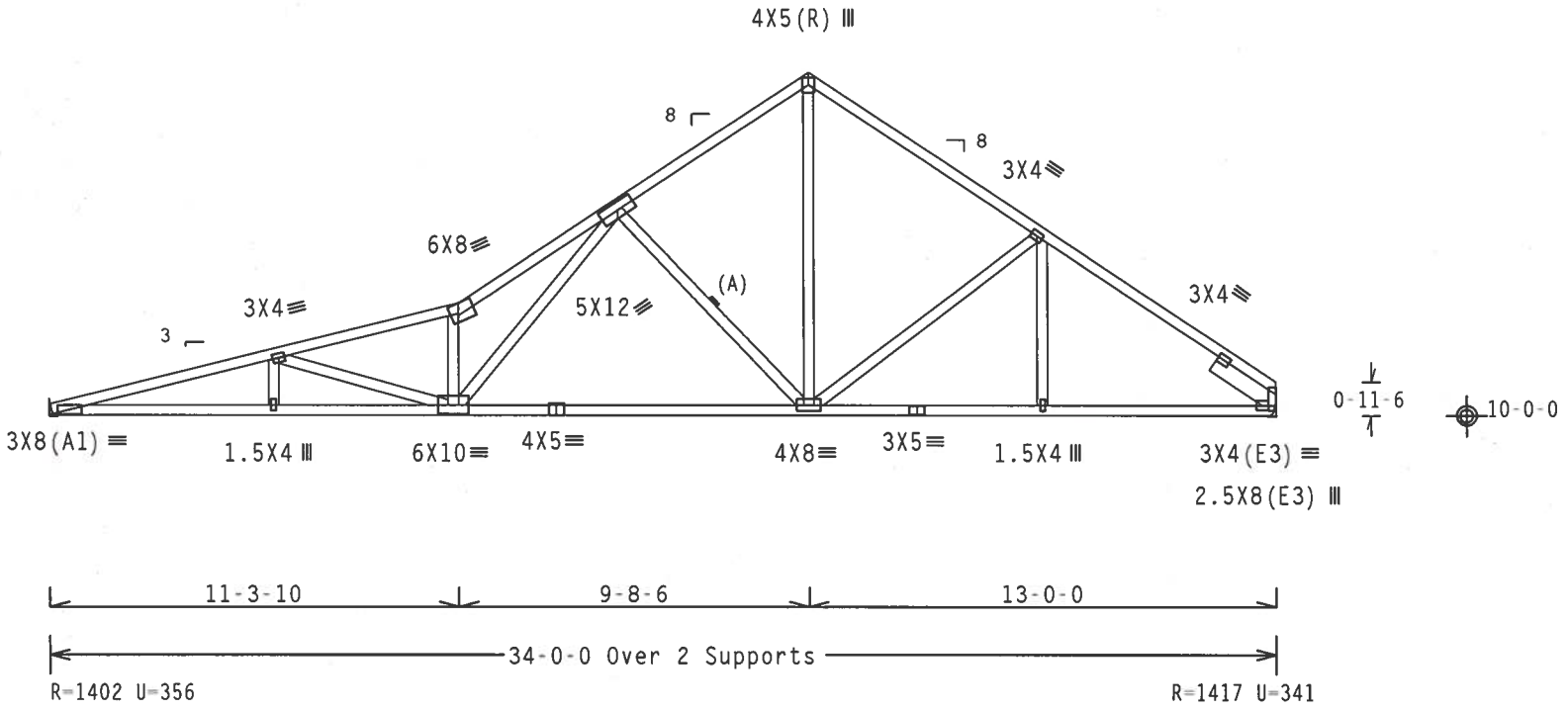
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

(A) Continuous lateral bracing equally spaced on member.

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 C, 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) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64681
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085034
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173024
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

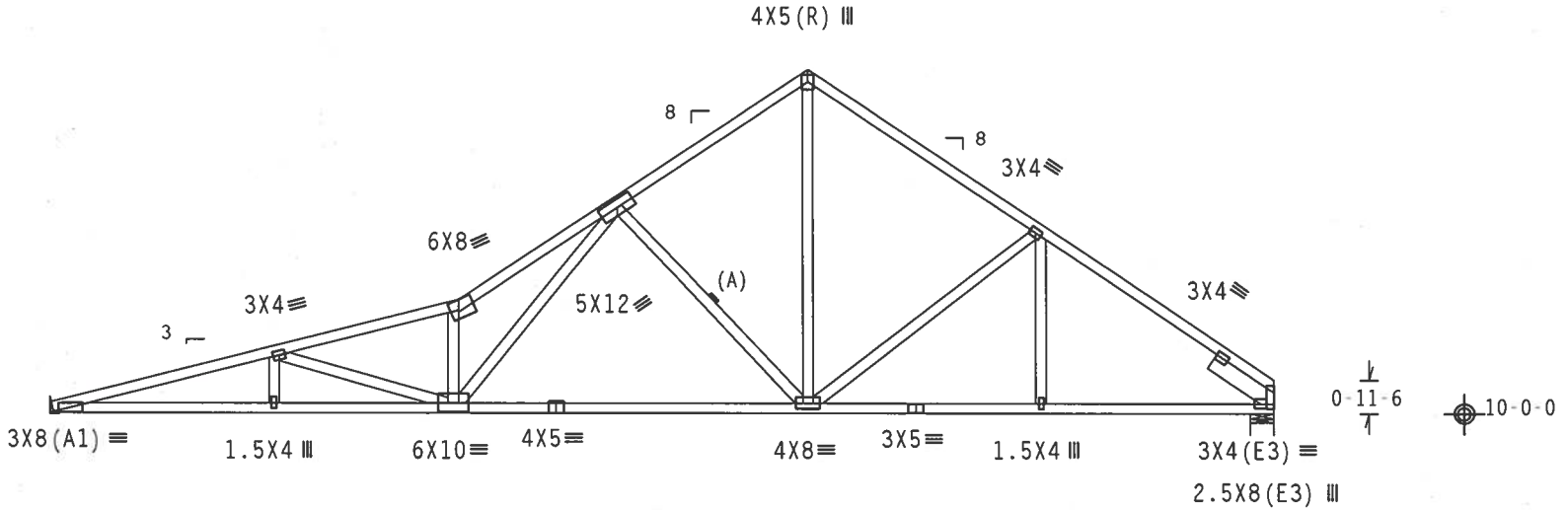
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

(A) Continuous lateral bracing equally spaced on member.

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 C, 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
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.1875"/Ft.

ALPINE

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

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

Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64682
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085035
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	173032
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - B2)

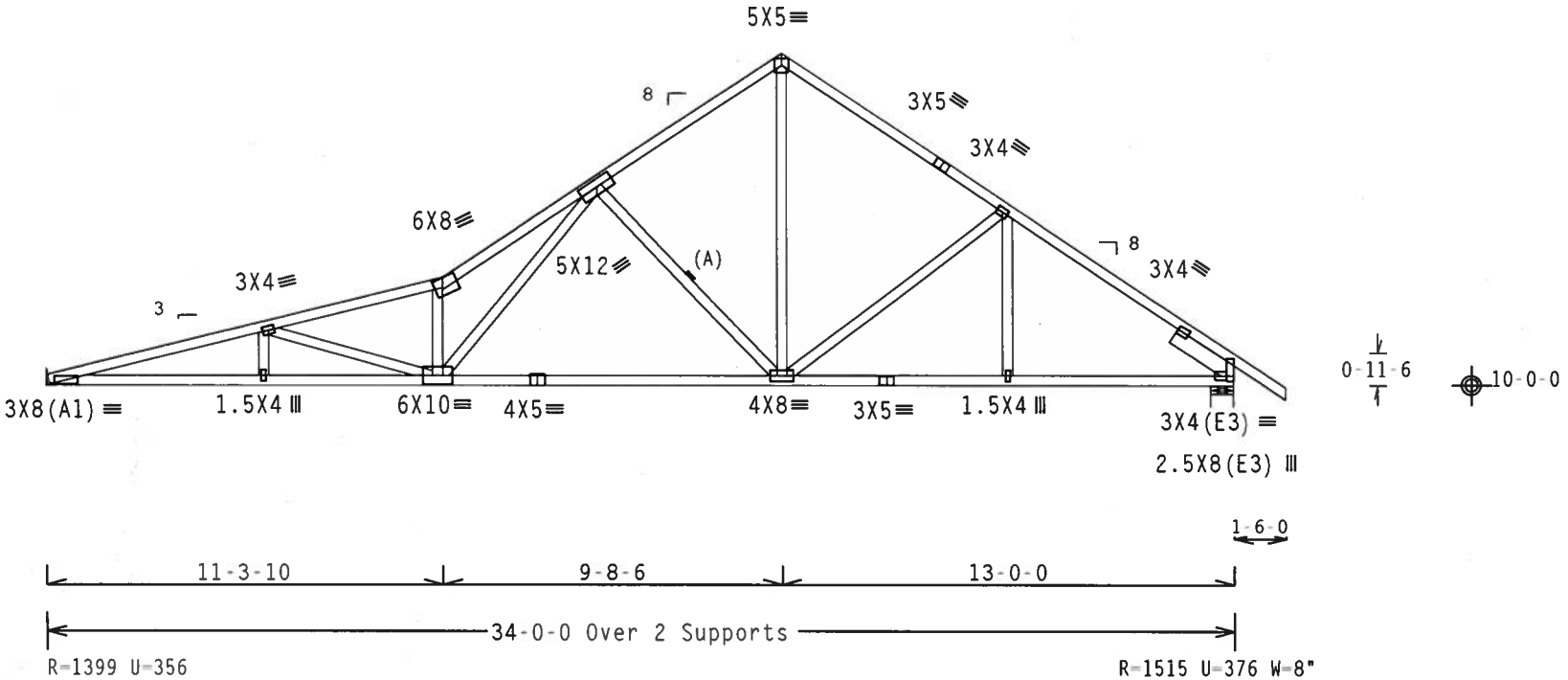
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

(A) Continuous lateral bracing equally spaced on member.

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 C, 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) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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ARTHUR B. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64683
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085036
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173040
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - B2)

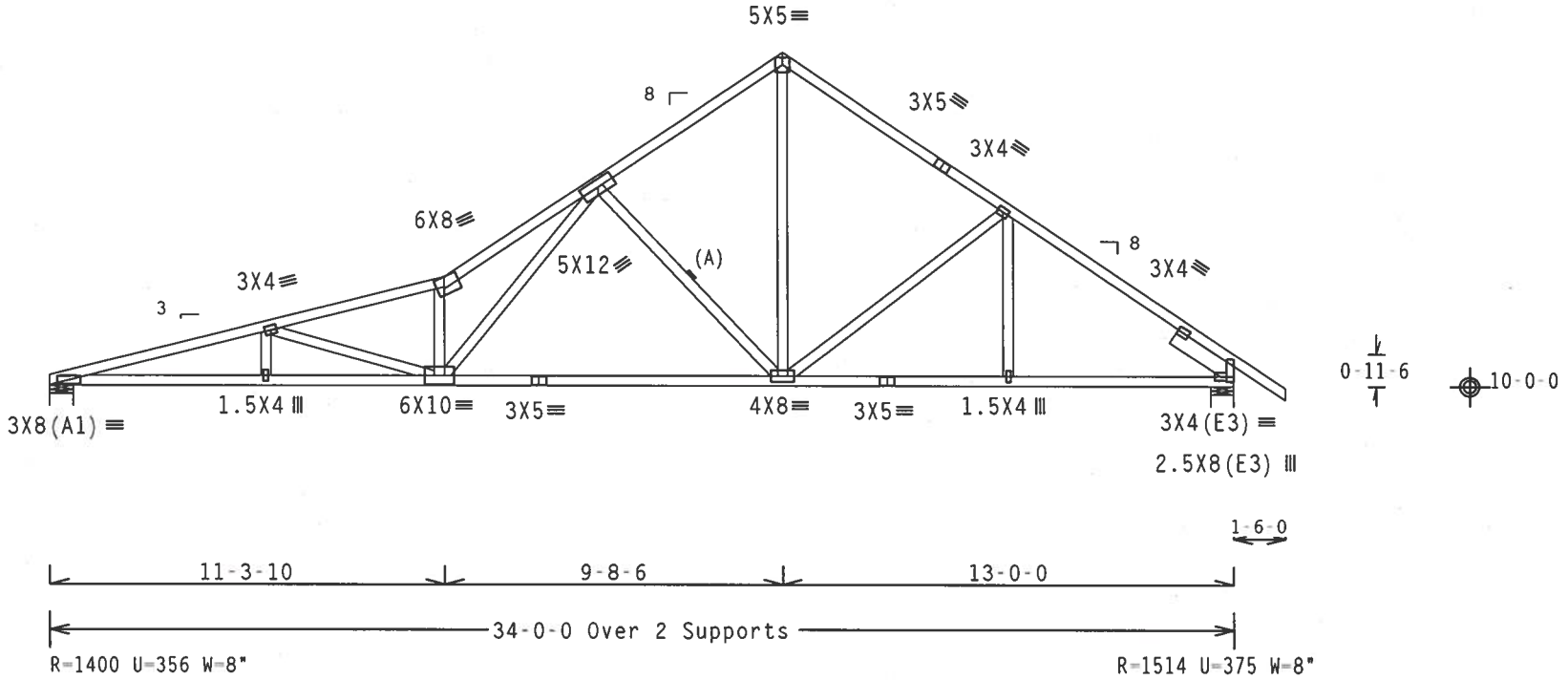
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

(A) Continuous lateral bracing equally spaced on member.

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 C, 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) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64684
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085037
BC LL	0.0 PSF	HC-ENG	CR/AF *
TOT.LD.	40.0 PSF	SEQN-	173047
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

(A) Continuous lateral bracing equally spaced on member.

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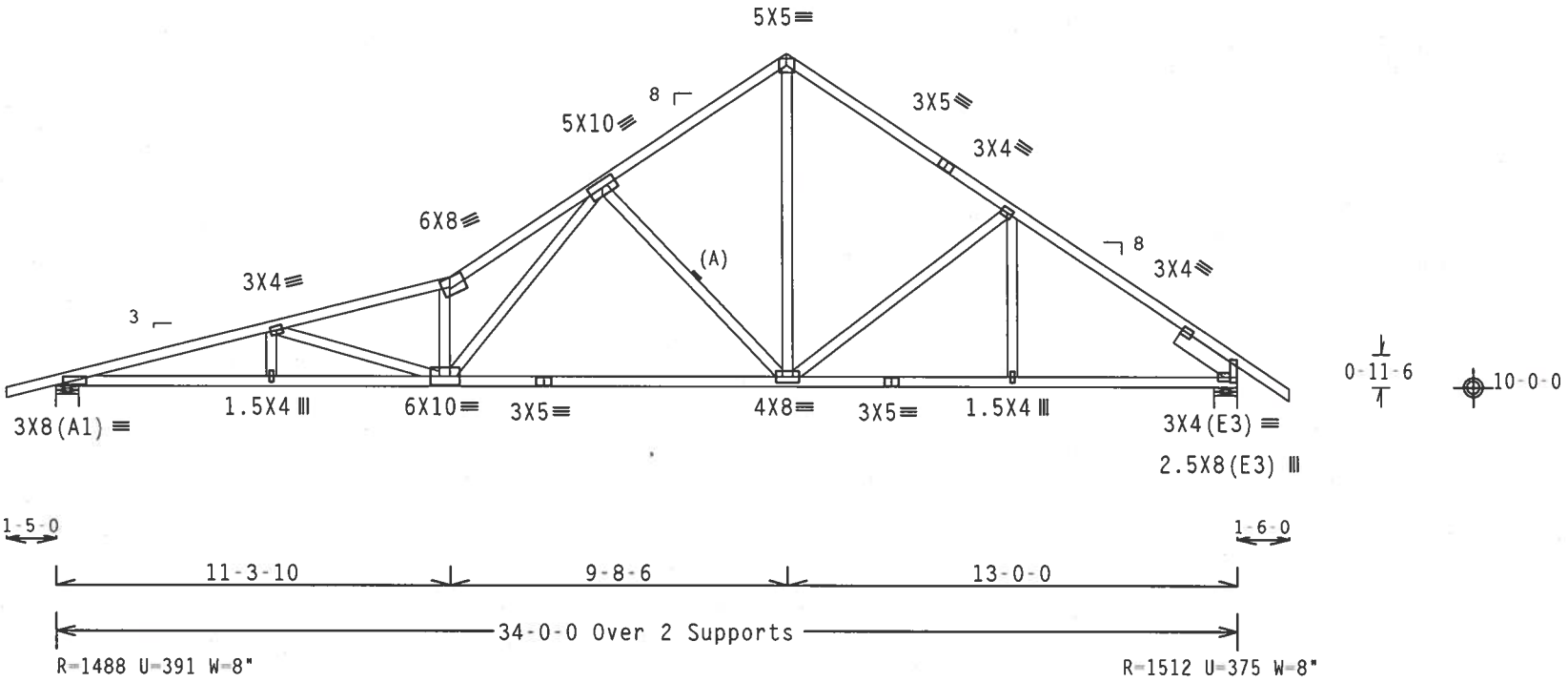
Wind reactions based on MWFRS pressures.

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) 7.24.1 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER
LICENSE
No.59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64685
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085038
BC LL	0.0 PSF	HC-ENG	CR/AF *
TOT.LD.	40.0 PSF	SEQN-	173053
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

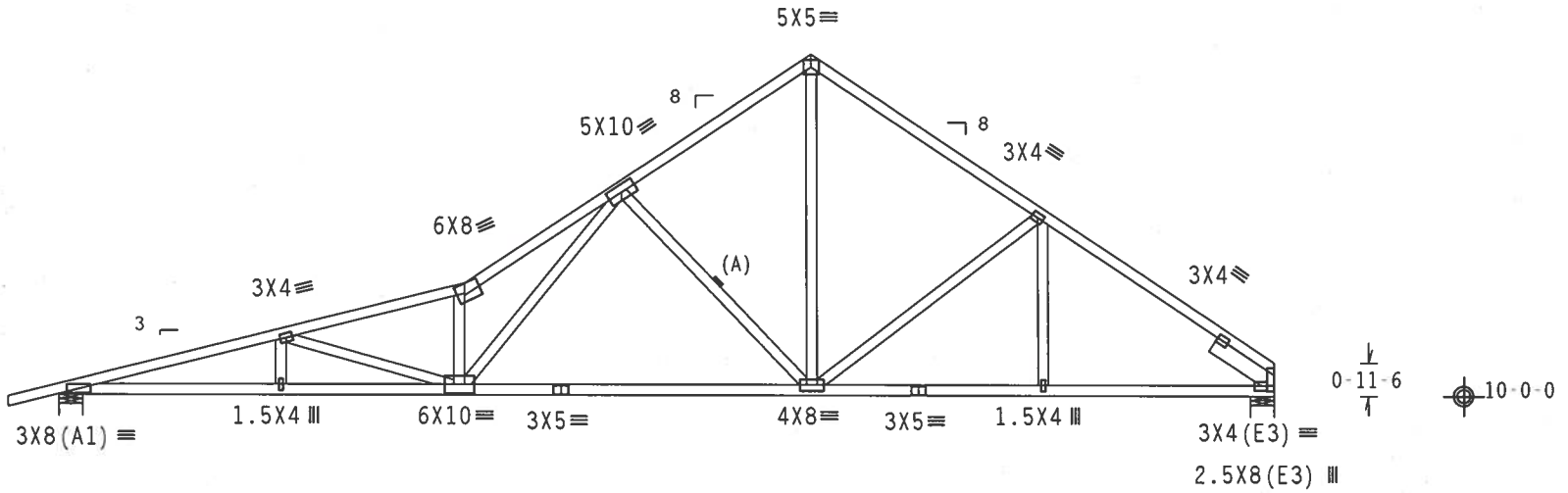
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.078'

(A) Continuous lateral bracing equally spaced on member.

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 C, 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) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64686
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085039
BC LL	0.0 PSF	HC-ENG	CR/AF *
TOT.LD.	40.0 PSF	SEQN-	173060
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at -1.50 to 64 PLF at 12.83
TC - From 64 PLF at 12.83 to 64 PLF at 25.67
BC - From 5 PLF at -1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 25.67
BC - 1440 LB Conc. Load at 5.06
BC - 896 LB Conc. Load at 7.06, 9.40, 11.40, 13.40
BC - 1037 LB Conc. Load at 7.40
BC - 2041 LB Conc. Load at 14.40
BC - 1429 LB Conc. Load at 16.40, 18.40, 20.40
BC - 1417 LB Conc. Load at 22.40, 24.40

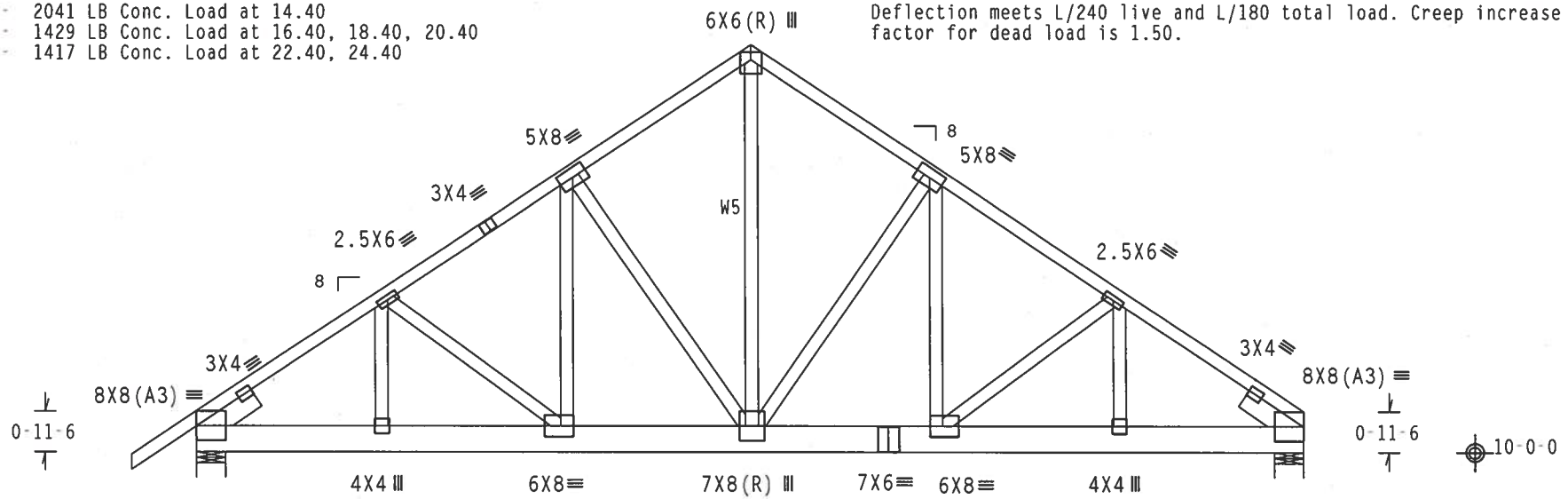
2 COMPLETE TRUSSES REQUIRED

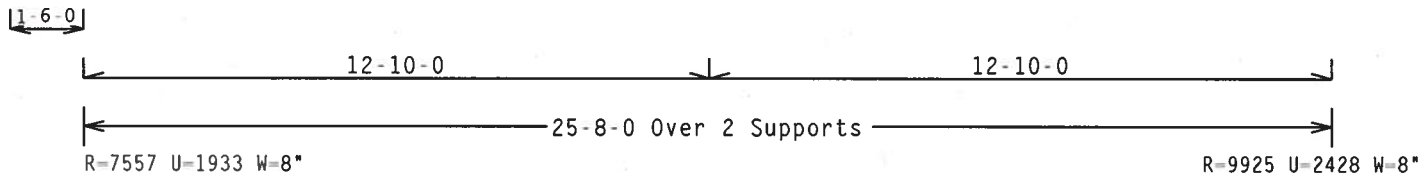
Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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 C, 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) 7.24.1 [illegible]Y:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6[illegible]

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

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

TC LL	20.0 PSF	REF	R8228- 64687
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085085
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	173082
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

(A) Continuous lateral bracing equally spaced on member.

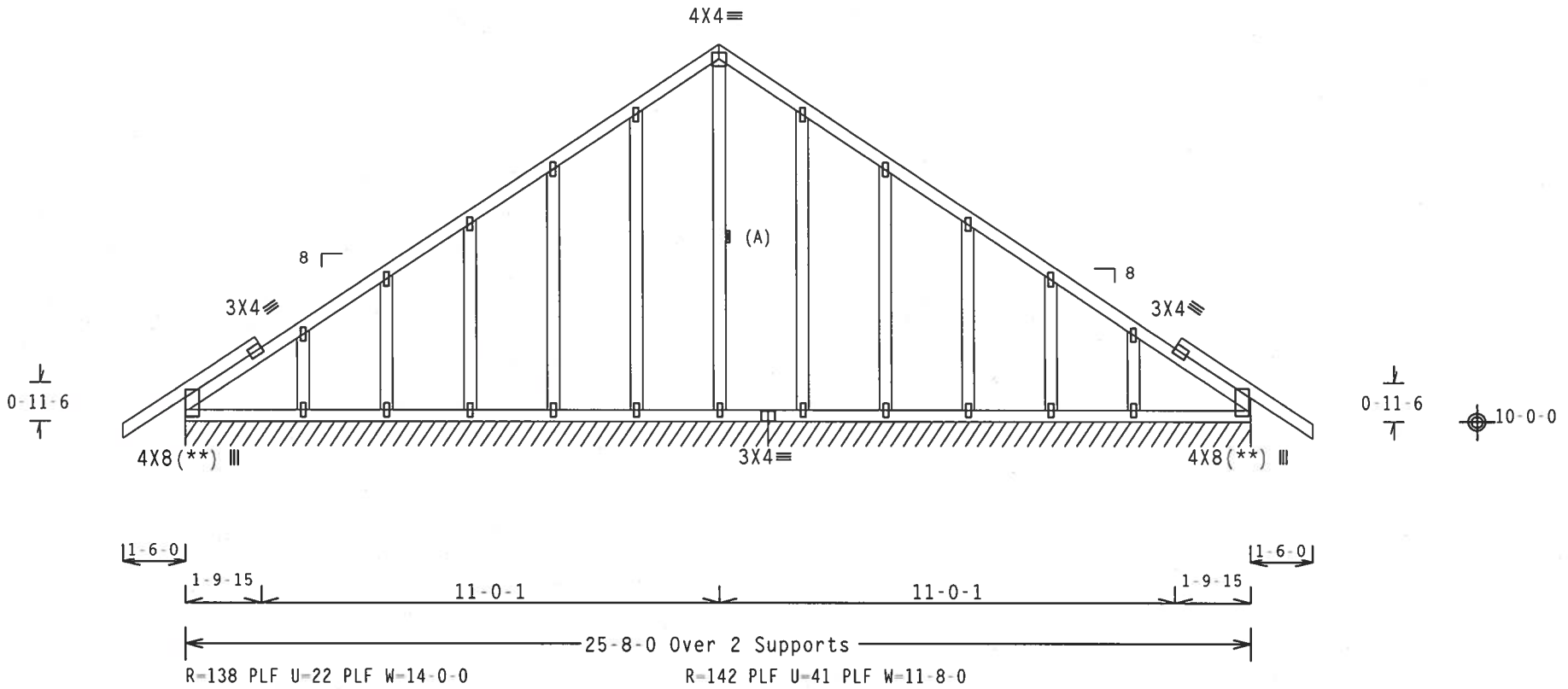
Bracing shown in referenced gable detail may be used in lieu of web bracing indicated on this drawing.

(**) 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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

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

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

Mar 26 '07

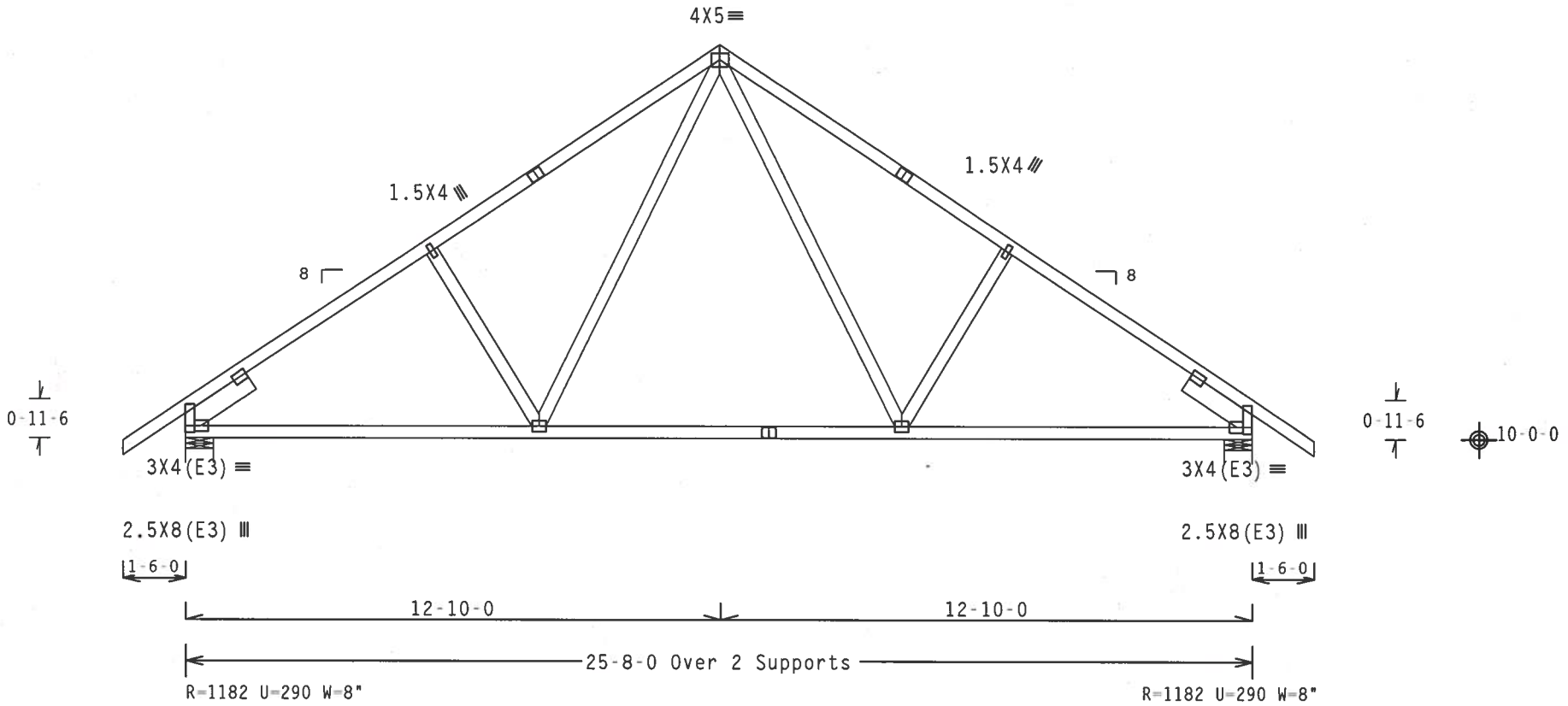
TC LL	20.0 PSF	REF	R8228- 64688
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085040
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	172754
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.910'
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 1.910'

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64689
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085041
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	172764
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

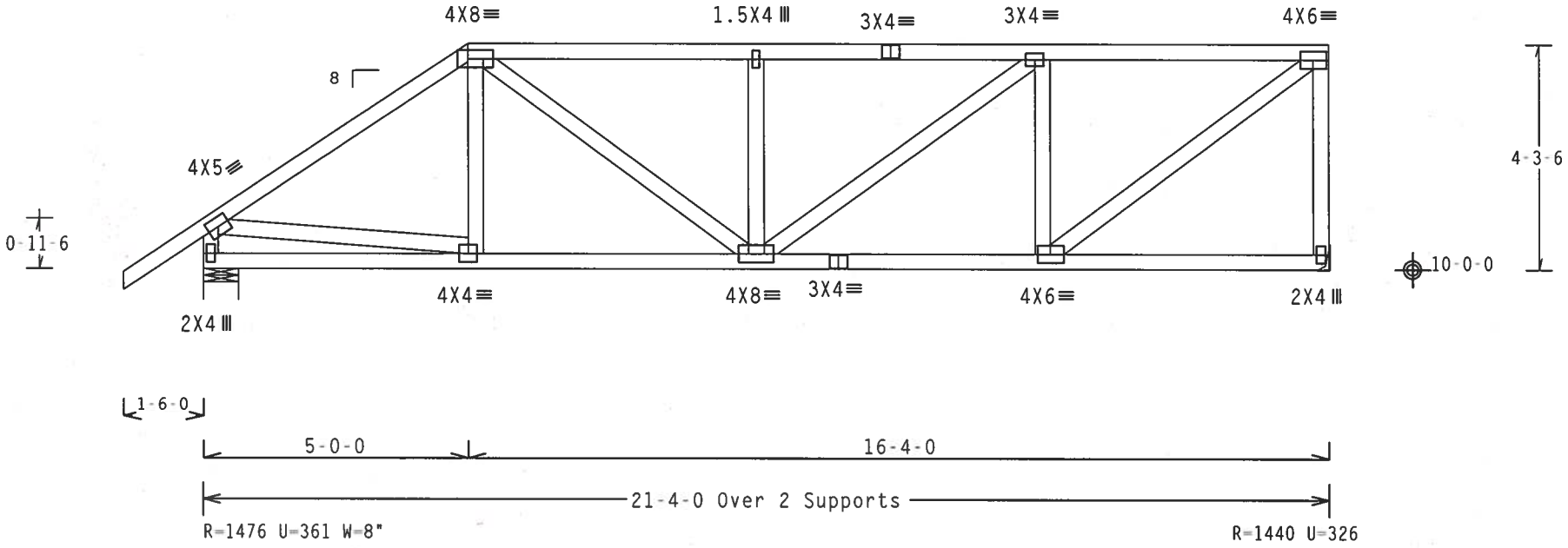
Wind reactions based on MWFRS pressures.

#1 hip supports 5-0-0 jacks with no webs.

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.3125"/Ft.

ALPINE

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

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

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

Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64690
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085042
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172709
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

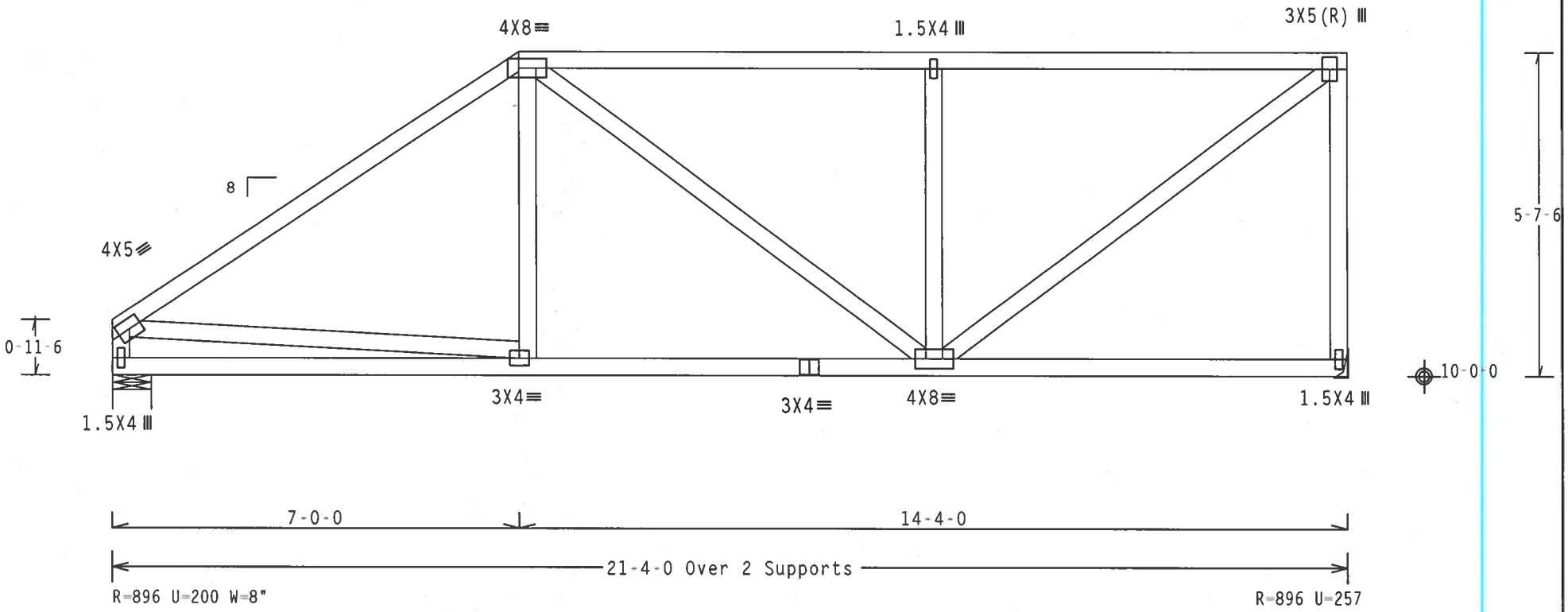
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

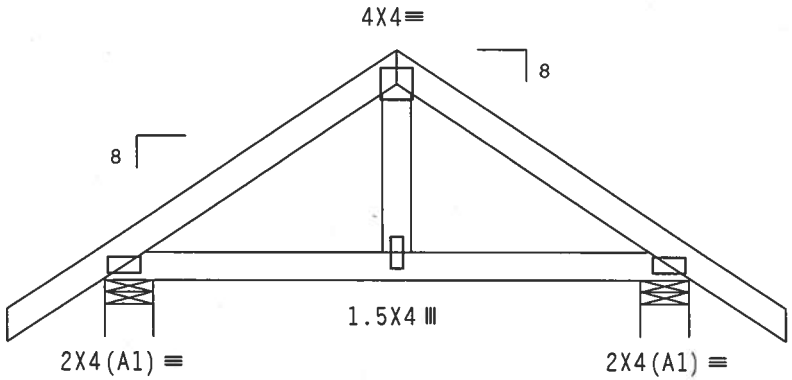
TC LL	20.0 PSF	REF R8228- 64691
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085043
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172716
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

110 mph wind, 18.68 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
Cg/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 39687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar [illegible] '07

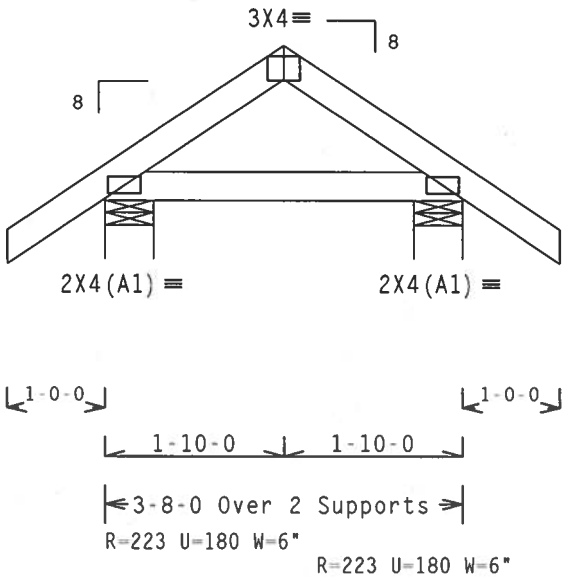
TC LL	20.0 PSF	REF	R8228- 64692
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085044
BC LL	0.0 PSF	HC-ENG	CR/AF *
TOT.LD.	40.0 PSF	SEQN-	172794
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

110 mph wind, 18.29 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



17-7-12

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

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

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

Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64693
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085045
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172837
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - DOGE)

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

Wind reactions based on MWFRS pressures.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.

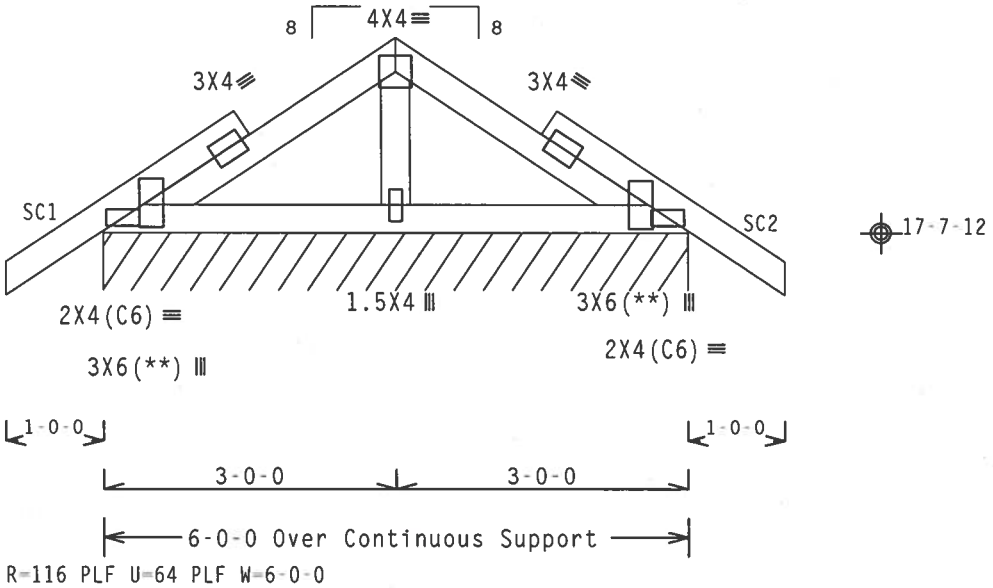
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 18.81 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

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

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



R=116 PLF U=64 PLF W=6-0-0

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64694
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085046
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	172812
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

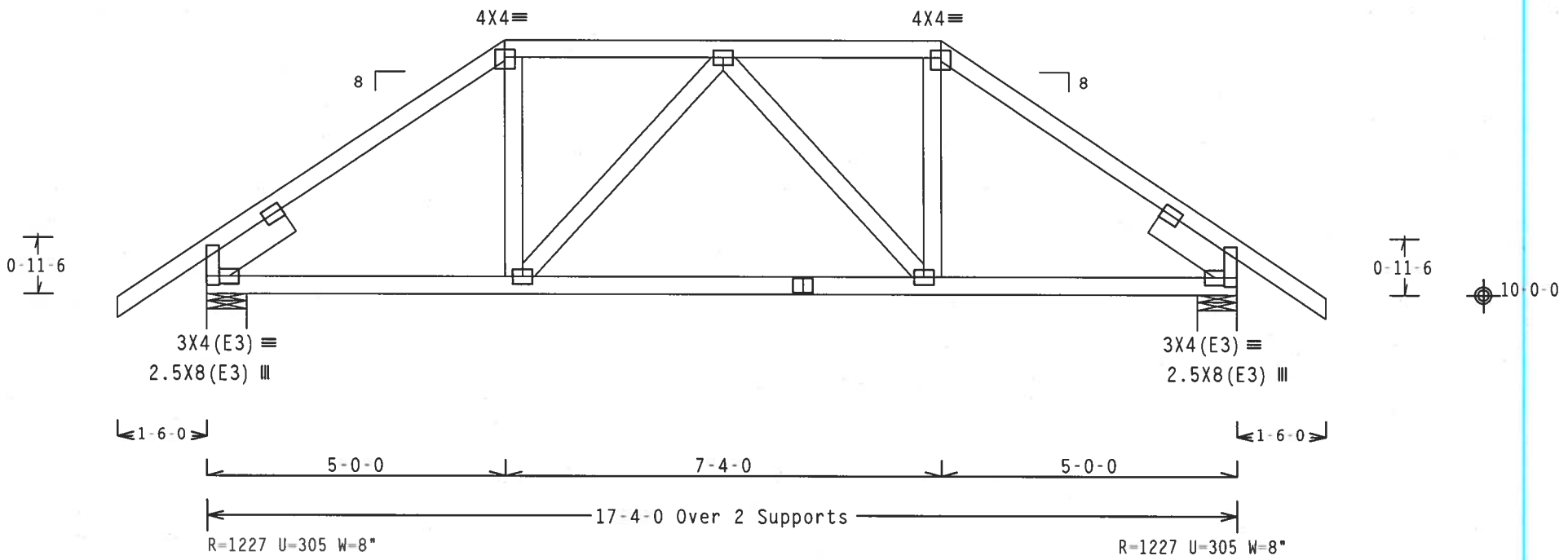
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.671'
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 1.671'

#1 hip supports 5-0-0 jacks with no webs.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, 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.



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) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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

Mar 26 '07

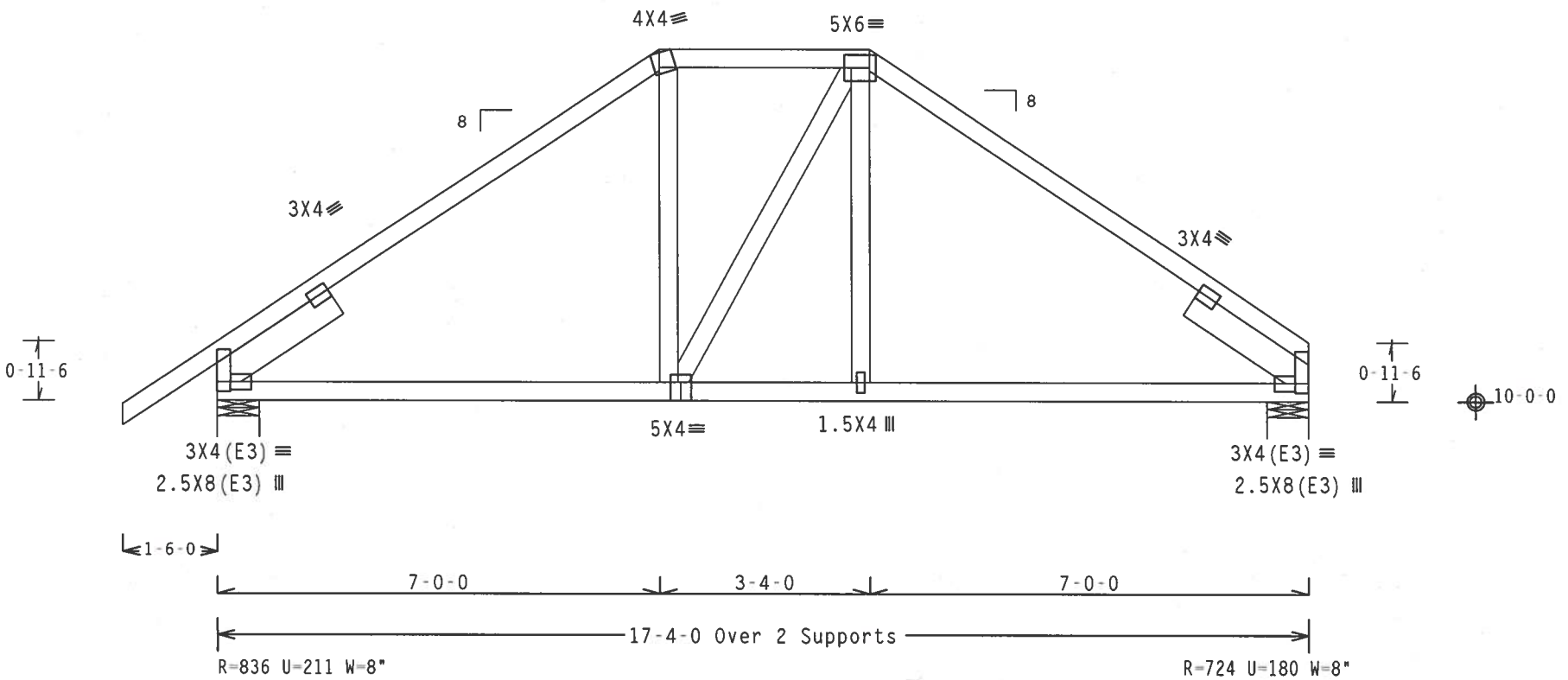
TC LL	20.0 PSF	REF R8228- 64695
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085047
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172844
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 2.272'
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 2.272'

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 C, 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) 7.24.12[illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26, 07

TC LL	20.0 PSF	REF R8228- 64696
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085048
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 172849
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

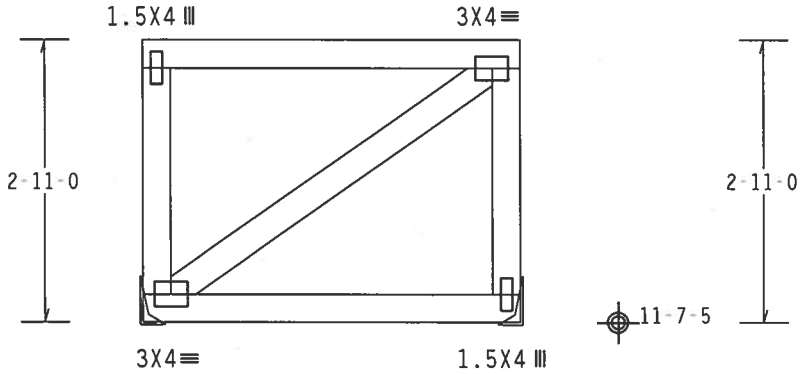
Truss must be installed as shown with top chord up.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 3.88
BC - From 20 PLF at 0.00 to 20 PLF at 3.88
BC - 235 LB Conc. Load at 1.94

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.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



3-10-8 Over 2 Supports
R=271 U=180 R=274 U=180

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26,07

TC LL	20.0 PSF	REF R8228- 64697
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085049
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 174034
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 5.75
BC - From 20 PLF at 0.00 to 20 PLF at 5.75
BC - 1151 LB Conc. Load at 1.94
BC - 1395 LB Conc. Load at 3.94

Truss must be installed as shown with top chord up.

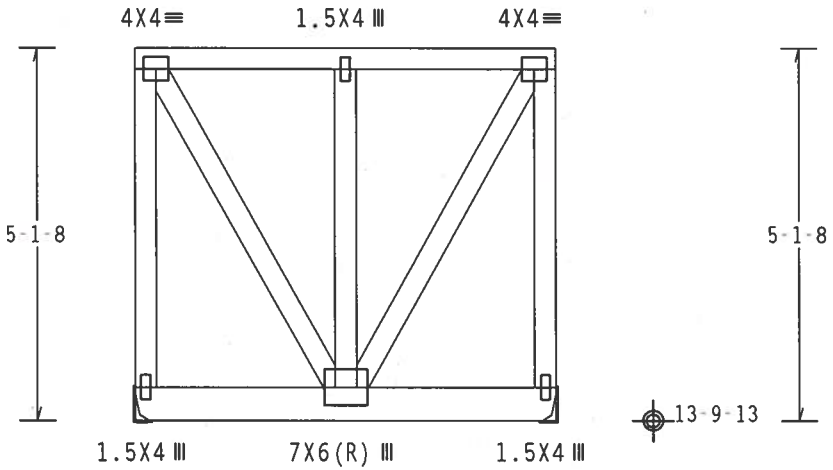
110 mph wind, 18.95 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

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

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



5-9-0 Over 2 Supports

R=1433 U=510 R=1573 U=560

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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ARTHUR R. FISHER LICENSE No:59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64698
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085080
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 173784
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - F2)

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 C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

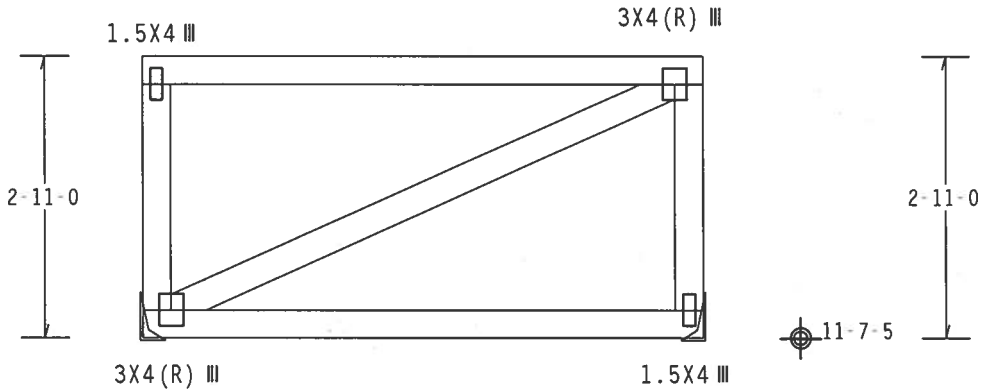
Truss must be installed as shown with top chord up.

SPECIAL LOADS
-------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 5.75
BC - From 20 PLF at 0.00 to 20 PLF at 5.75
BC - 235 LB Conc. Load at 1.94, 3.94

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.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 39687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64699
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085050
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	173566
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - F4)

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

110 mph wind, 18.95 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

End verticals not exposed to wind pressure.

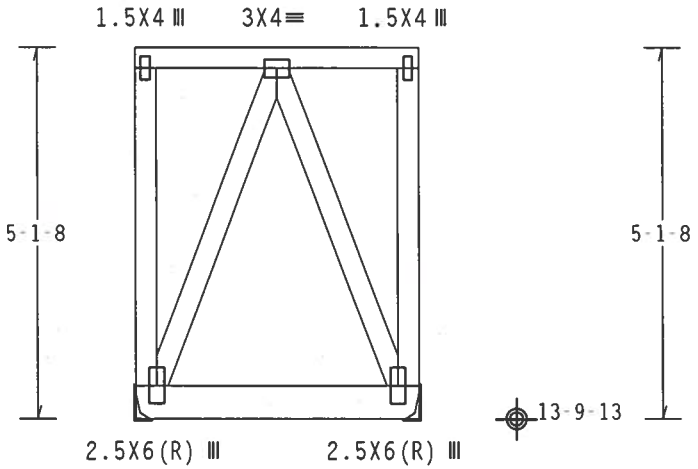
Truss must be installed as shown with top chord up.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 3.88
BC - From 20 PLF at 0.00 to 20 PLF at 3.88
BC - 635 LB Conc. Load at 1.94

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.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



3-10-8 Over 2 Supports

R=472 U=180 R=472 U=180

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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ARTHUR B. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 07

TC LL	20.0 PSF	REF	R8228- 64700
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085051
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	174030
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 60 PLF at 0.00 to 60 PLF at 8.00
BC - From 20 PLF at 0.00 to 20 PLF at 8.00
BC - 1152 LB Conc. Load at 1.94, 5.94
BC - 1270 LB Conc. Load at 2.60
BC - 1417 LB Conc. Load at 3.94

This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

110 mph wind, 18.95 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

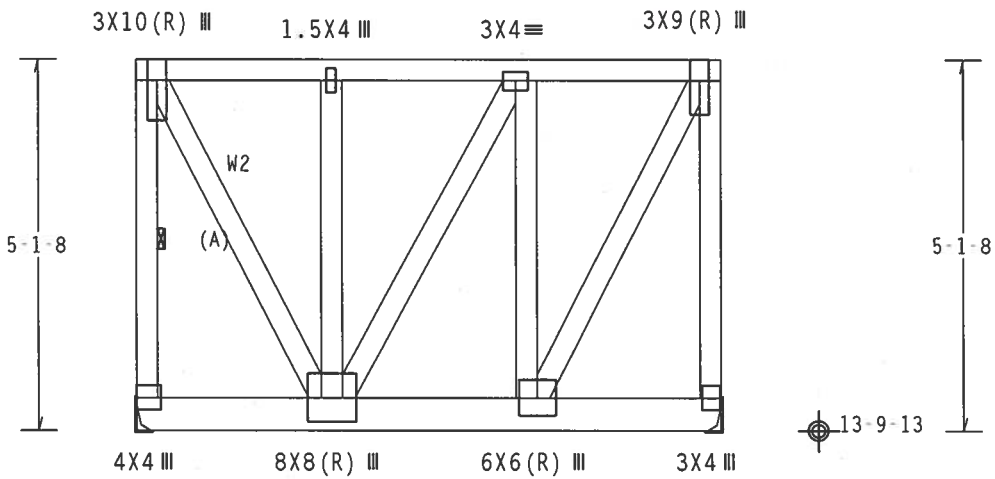
End verticals not exposed to wind pressure.

(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.

Truss must be installed as shown with top chord up.

The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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

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 COMFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64701
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085082
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 174066
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'
:Rt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 10.83
TC - From 64 PLF at 10.83 to 64 PLF at 21.67
BC - From 20 PLF at 0.00 to 20 PLF at 21.67
TC - 158 LB Conc. Load at 1.06
BC - 210 LB Conc. Load at 1.06
BC - 3826 LB Conc. Load at 3.06
BC - 1429 LB Conc. Load at 5.06, 7.06, 9.06
BC - 1402 LB Conc. Load at 11.06, 13.06, 15.06
BC - 1399 LB Conc. Load at 17.06, 19.06

This truss is not reversible. Per ANSI/TPI 1-2002, Section 2.4.3 Truss Manufacturer is responsible to provide information for proper orientation of trusses. This information shall be provided to the contractor.

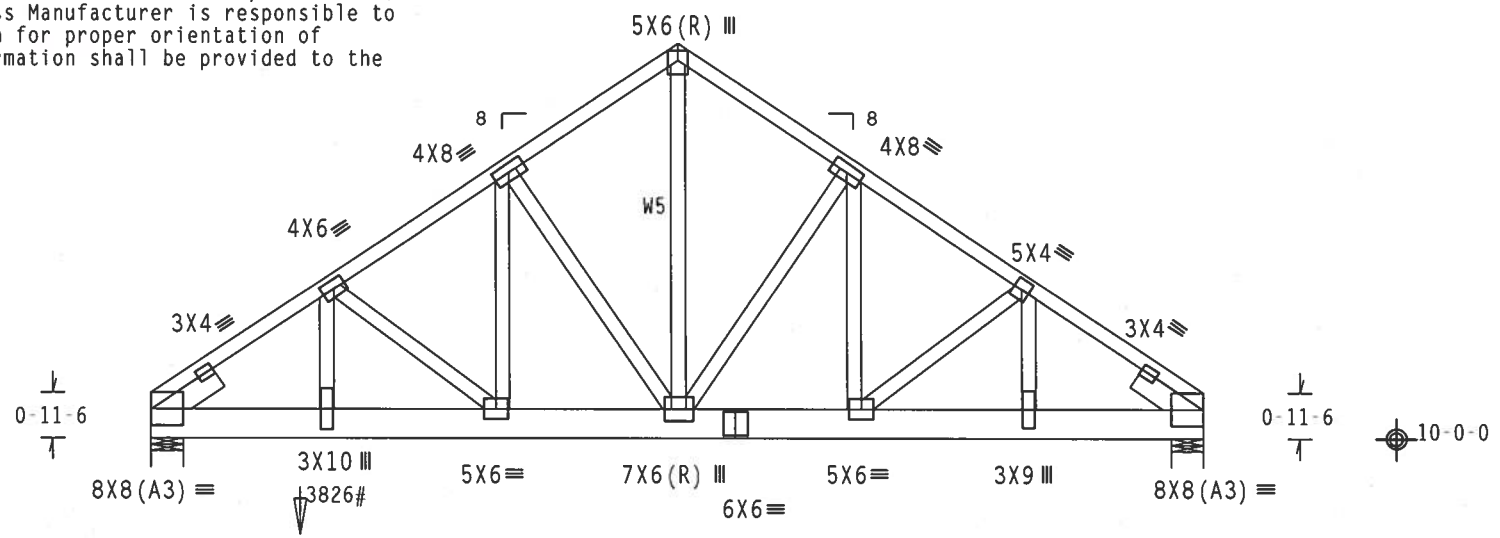
2 COMPLETE TRUSSES REQUIRED

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, Located anywhere in roof, CAT II, EXP C, 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) 7.24. TY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

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

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

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TC LL	20.0 PSF	REF	R8228- 64702
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085086
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	159619
DUR.FAC.	1.25	FROM	JFB
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - G2)

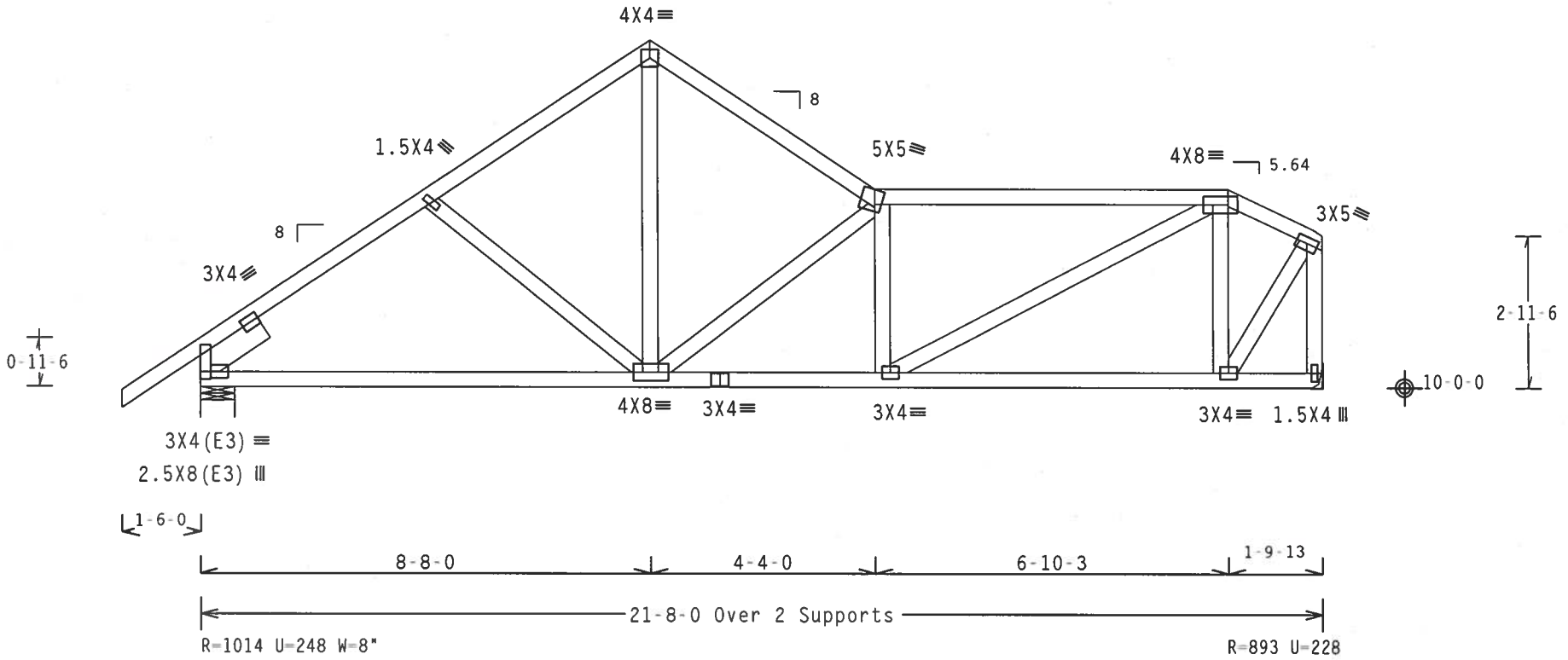
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'

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 C, 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) 7.24.1 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.3125"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64703
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085052
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	172914
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - G1)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3
:Lt Slider 2x6 SP #2: BLOCK LENGTH = 1.500'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at -1.50 to 64 PLF at 8.67
TC - From 64 PLF at 8.67 to 64 PLF at 15.00
TC - From 62 PLF at 15.00 to 62 PLF at 20.68
TC - From 62 PLF at 20.68 to 62 PLF at 21.67
BC - From 5 PLF at -1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 21.67
TC - 42 LB Conc. Load at 17.40, 18.74, 20.68
BC - 23 LB Conc. Load at 17.40, 18.74, 20.68

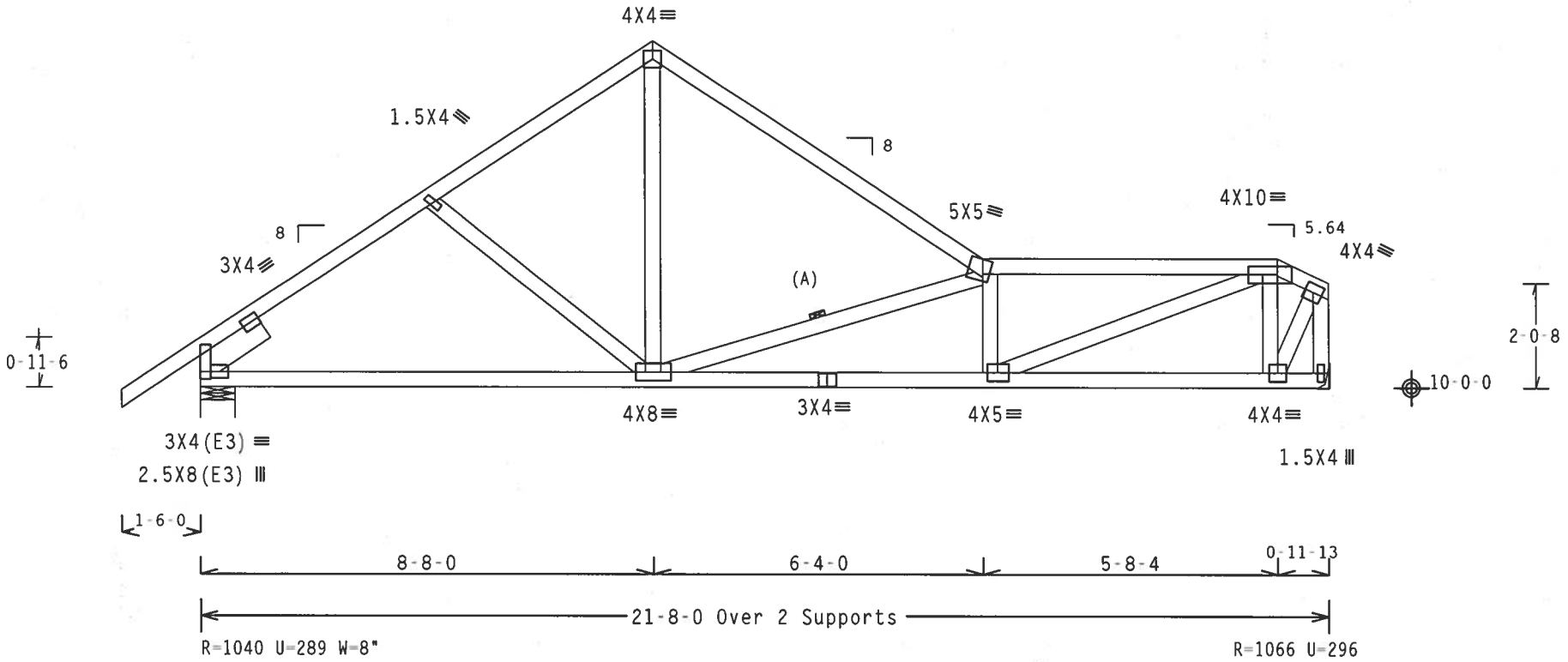
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(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

Cg/RT=1.00(1.25)/10(0) 7.24.1[illegible]TY:1 FL/-/4/-/-/R/-

Scale =.3125"/Ft.

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

Mar 26 '07

ALPINE

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

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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TC LL	20.0 PSF	REF R8228- 64704
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085053
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172970
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

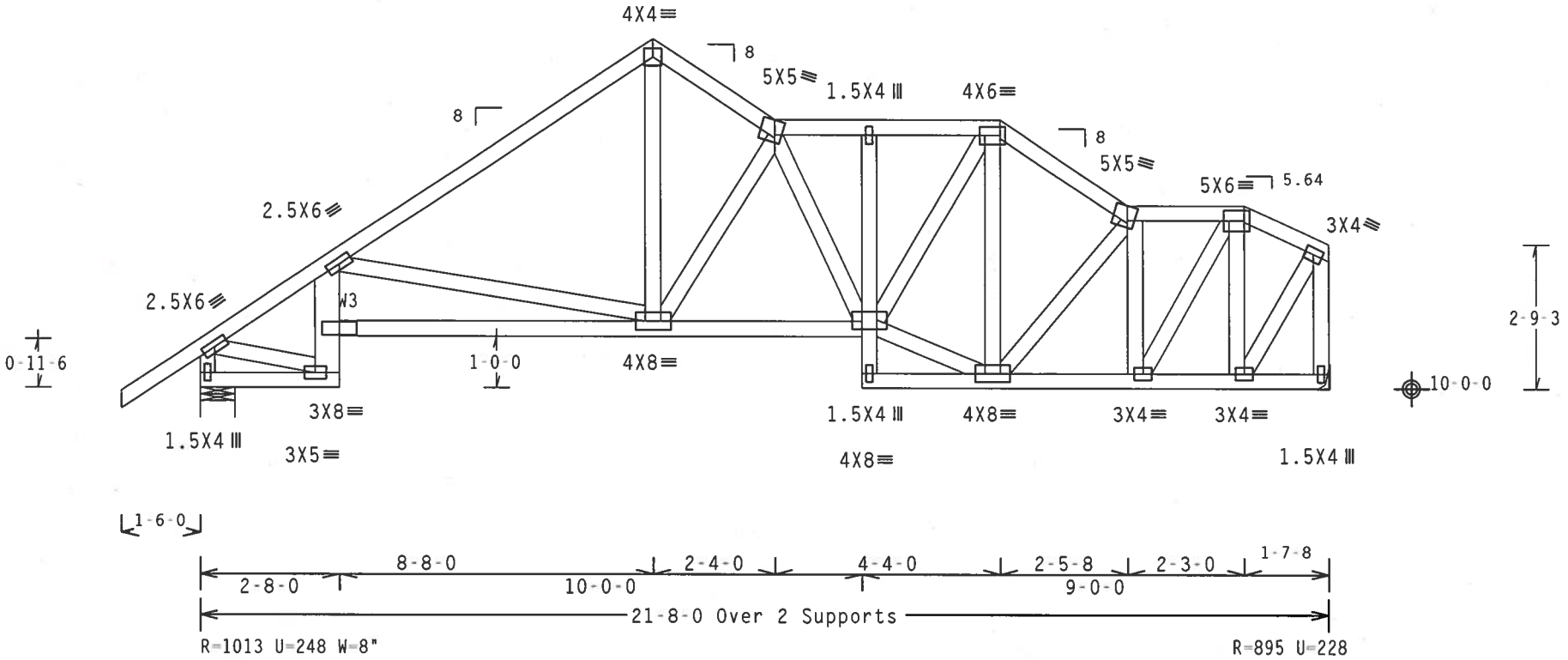
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W3 2x6 SP #2:

Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No. 39687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26,07

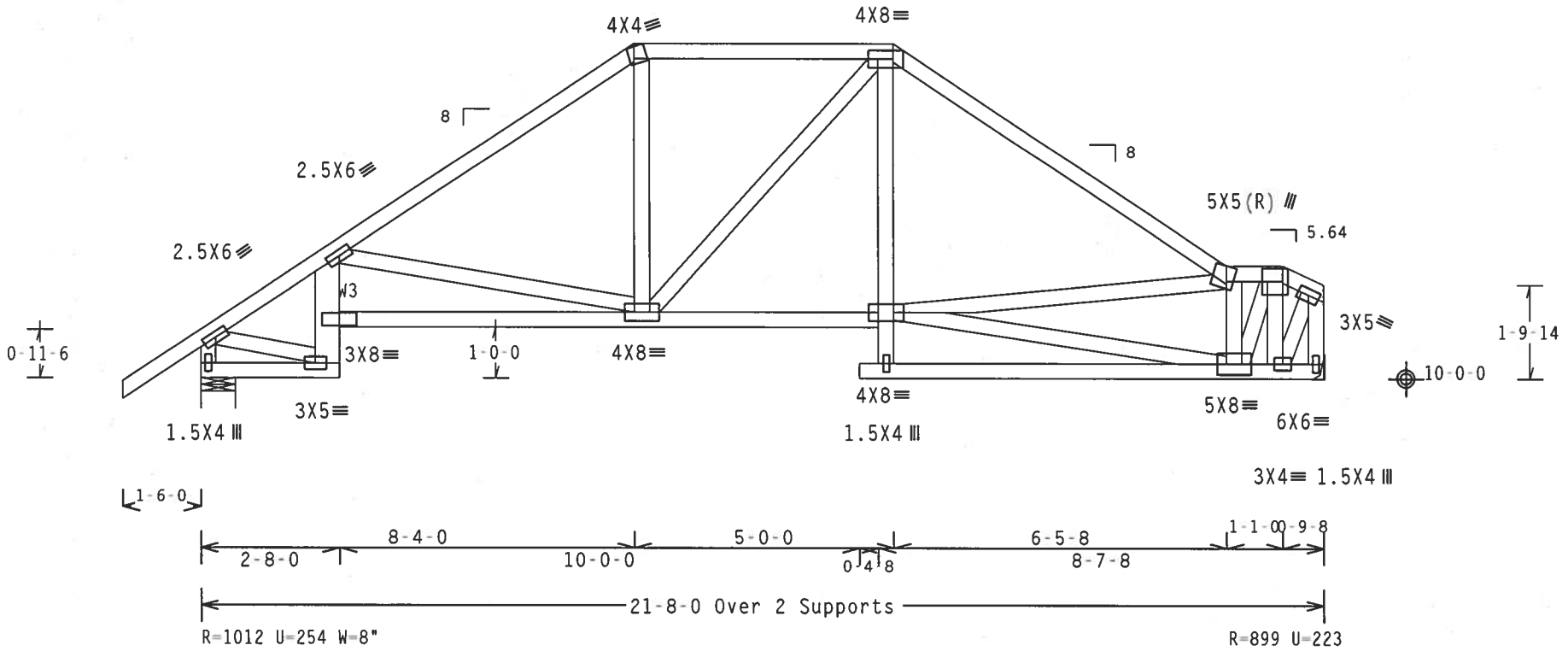
TC LL	20.0 PSF	REF R8228- 64705
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085054
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172920
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W3 2x6 SP #2:

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64706
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085055
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	172925
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

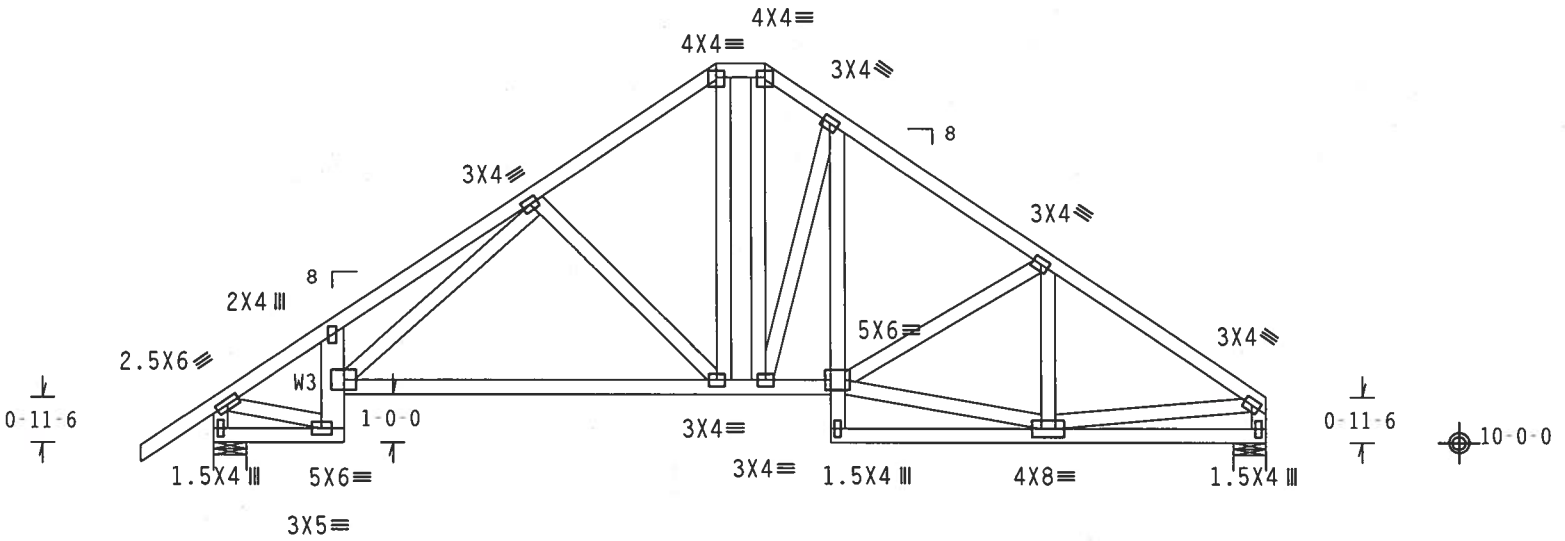
(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - GT3)

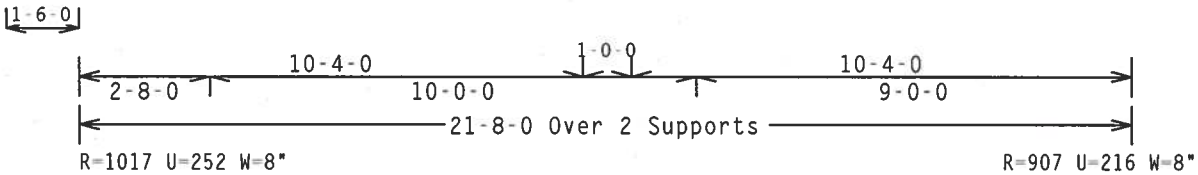
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W3 2x6 SP #2:

Wind reactions based on MWFRS pressures.

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

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

PLT TYP. Wave

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAR 26 '07

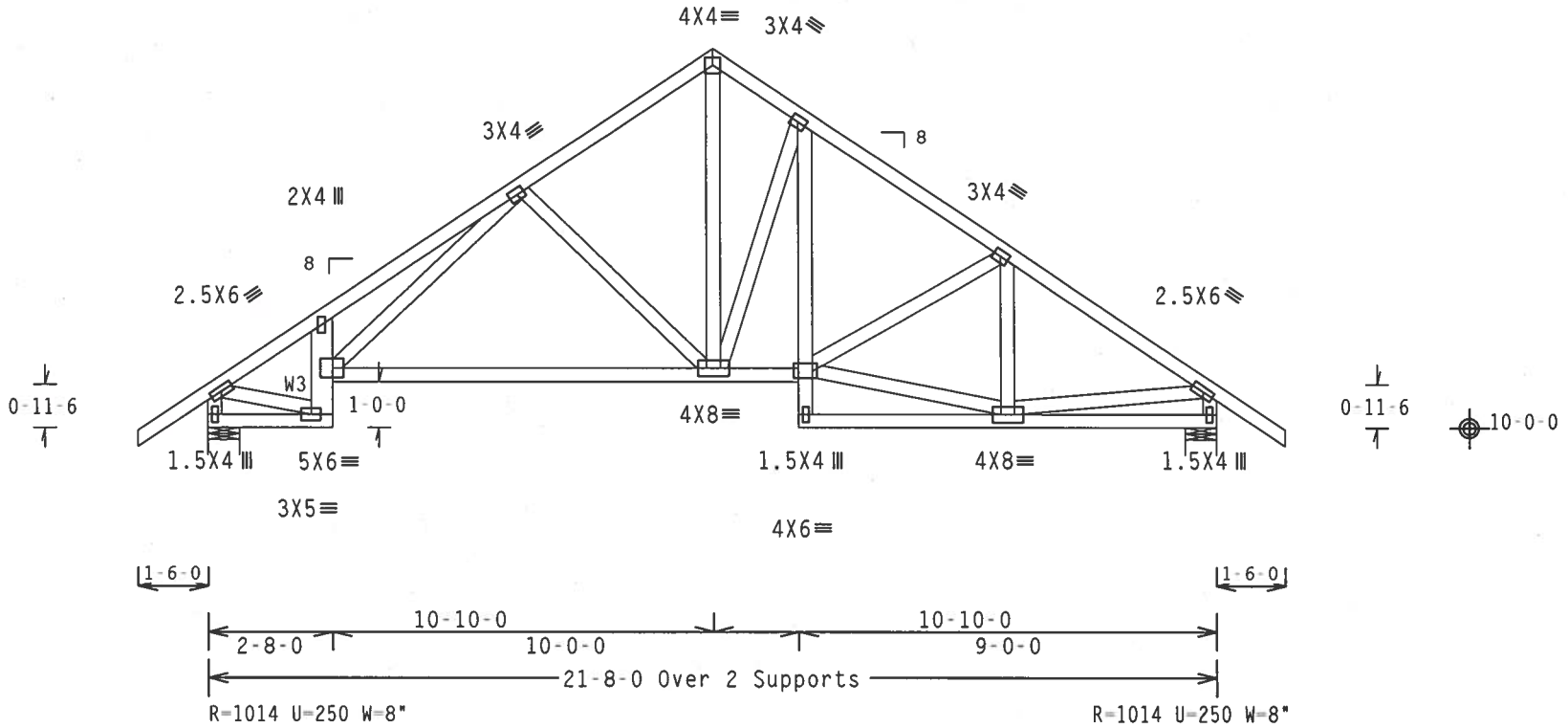
TC LL	20.0 PSF	REF	R8228- 64707
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085056
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	172930
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W3 2x6 SP #2:

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26,'07

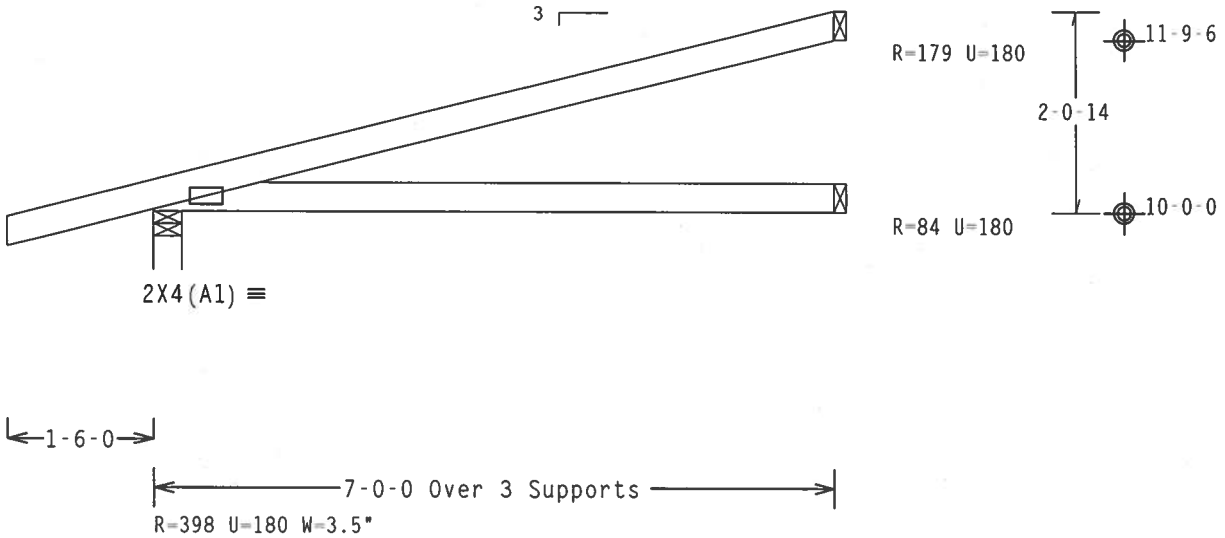
TC LL	20.0 PSF	REF	R8228- 64708
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085057
BC LL	0.0 PSF		HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN-	172939
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

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

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

Mar 26 '07

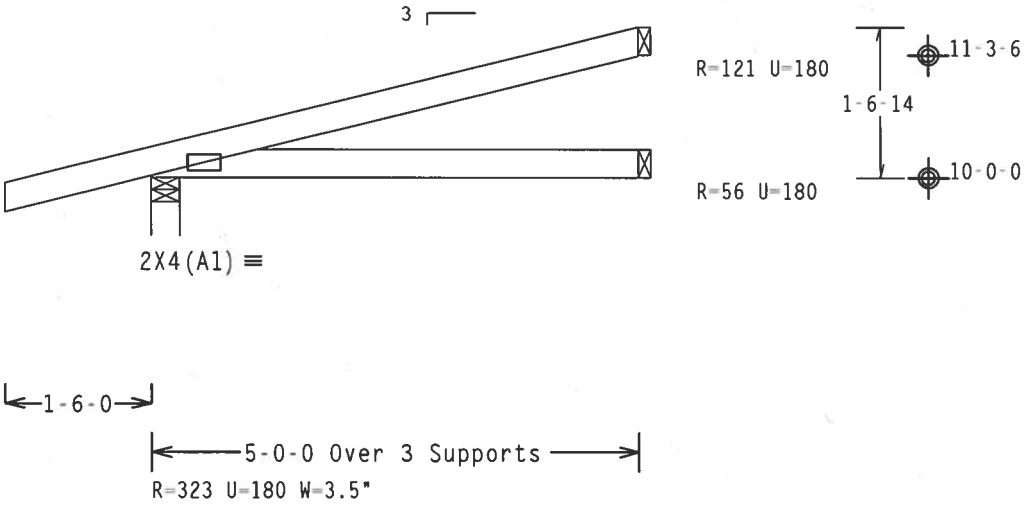
TC LL	20.0 PSF	REF R8228- 64709
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085058
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 172653
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64710
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085059
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 172615
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - HJ7)

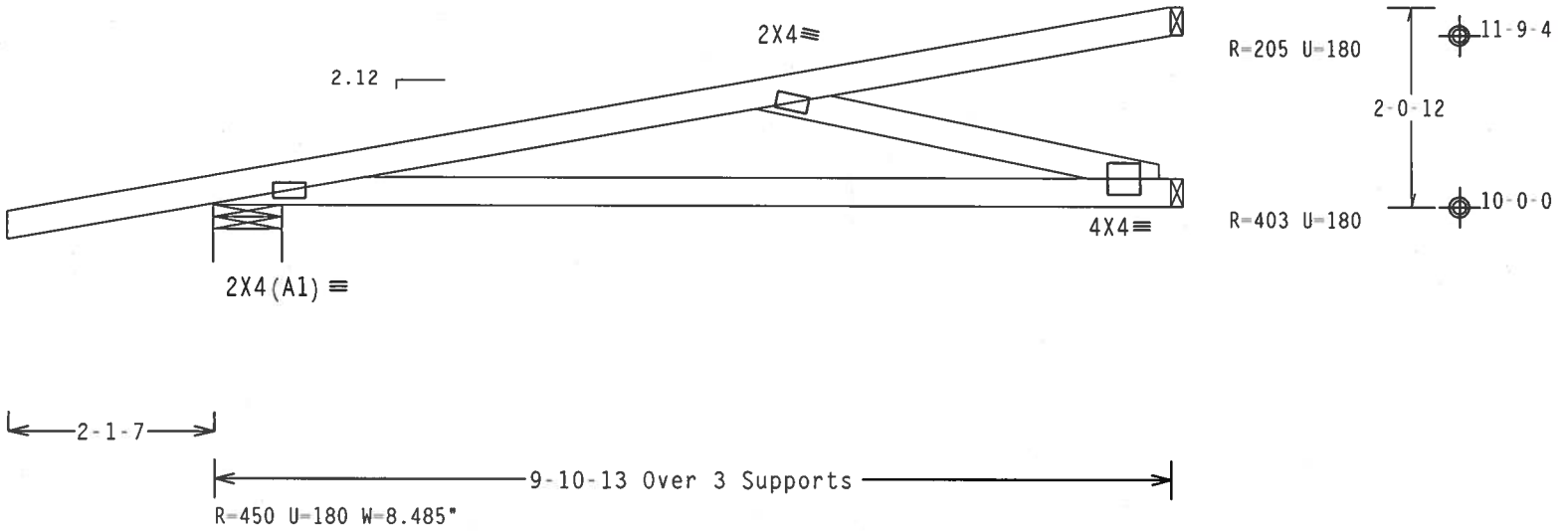
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

Mar 26,'07

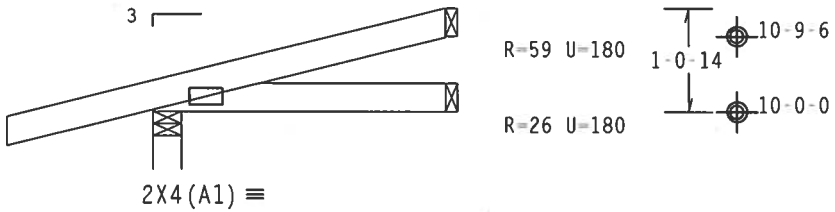
TC LL	20.0 PSF	REF R8228- 64711
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085060
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172632
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6[illegible]

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

Mar 26 07

TC LL	20.0 PSF	REF R8228- 64712
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085061
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 172620
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

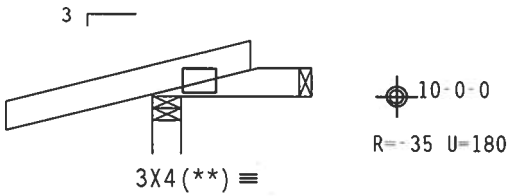
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

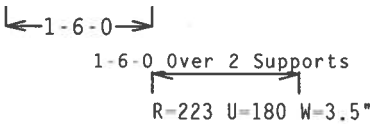
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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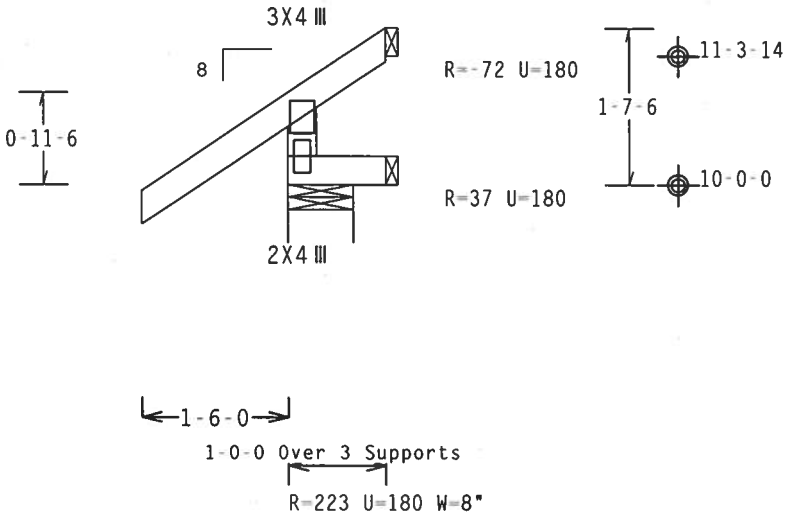
TC LL	20.0 PSF	REF	R8228- 64713
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085062
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	172626
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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ARTHUR R. FISHER
LICENSE
No.59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64714
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085063
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172670
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

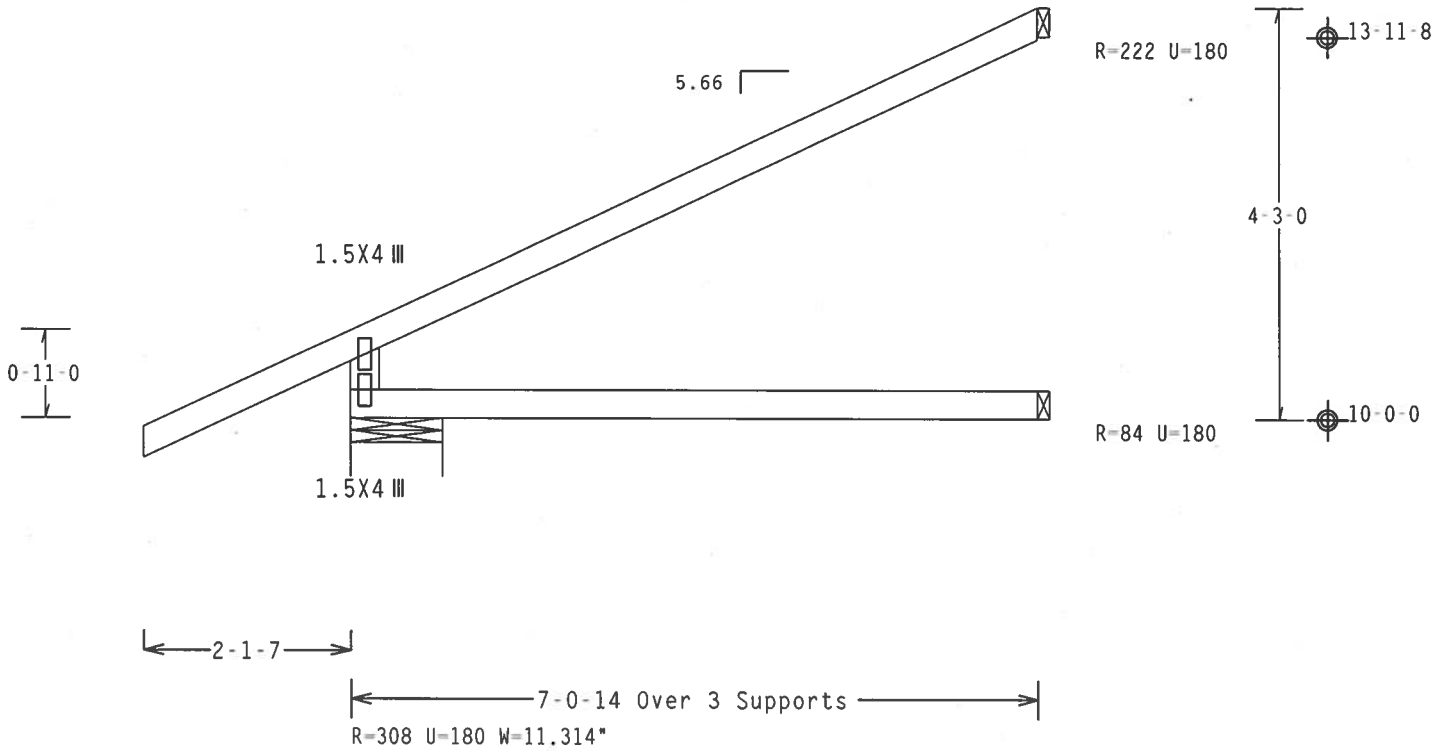
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Hipjack supports 5-0-0 setback jacks with no webs.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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

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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

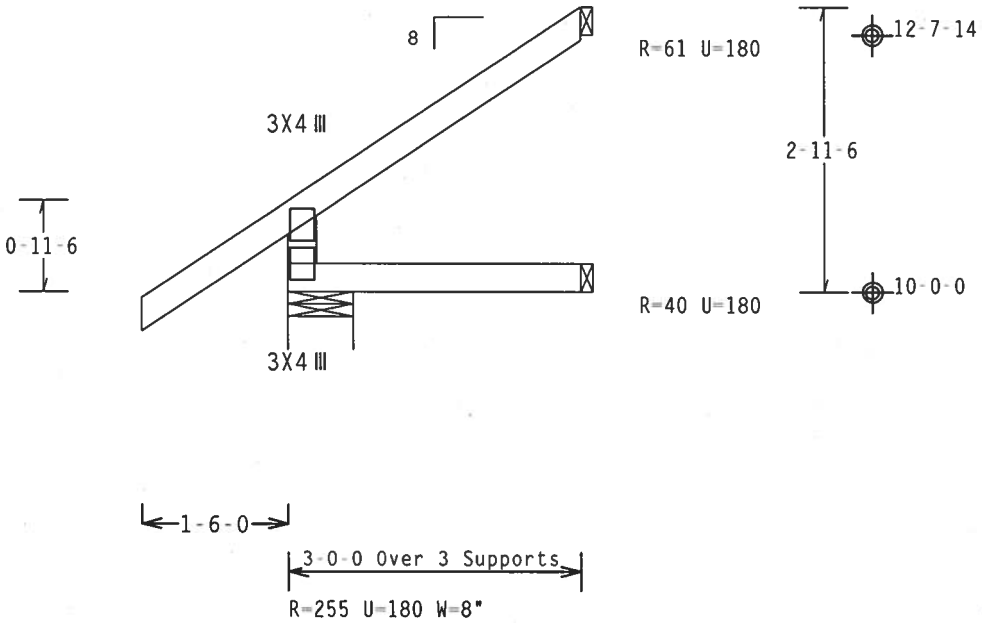
TC LL	20.0 PSF	REF R8228- 64715
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085064
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172680
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64716
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085065
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 172675
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

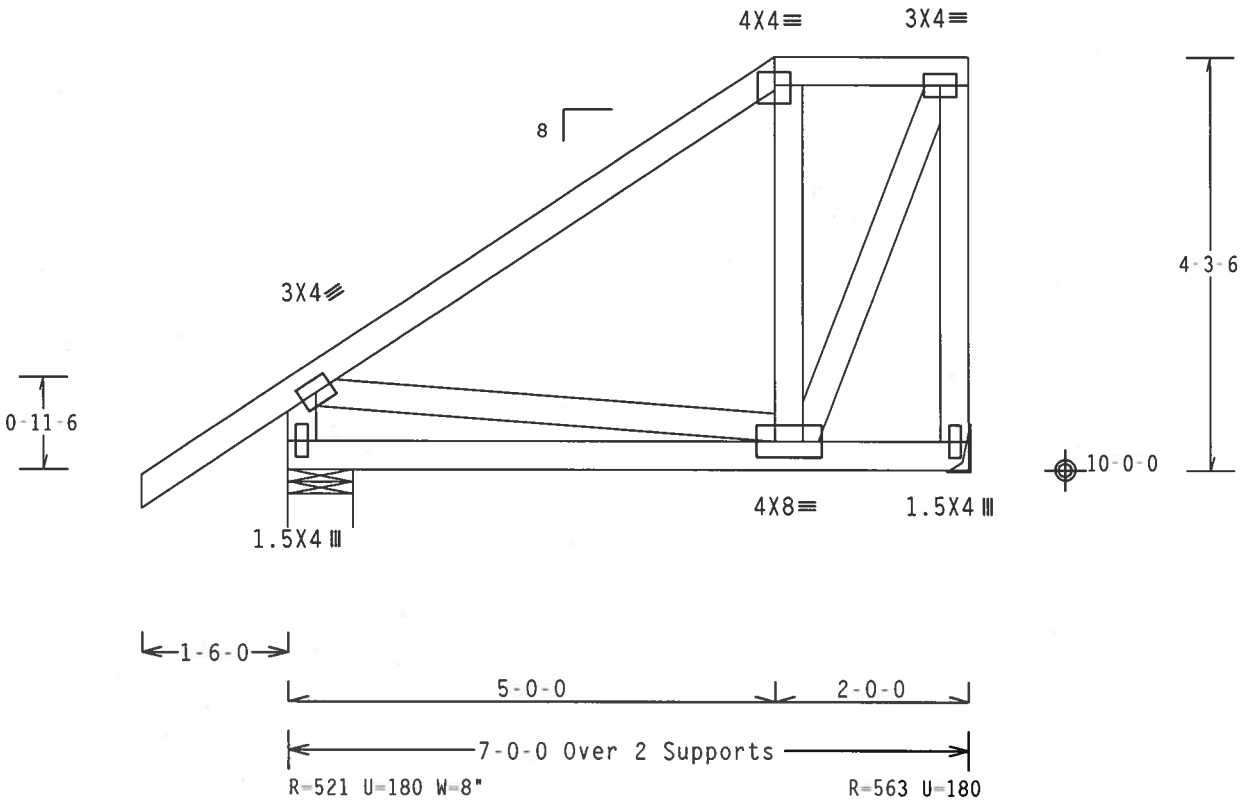
Wind reactions based on MWFRS pressures.

#1 hip supports 5-0-0 jacks at left end and 2-0-0 jacks at right end. Jacks have no webs.

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64717
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085066
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172858
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

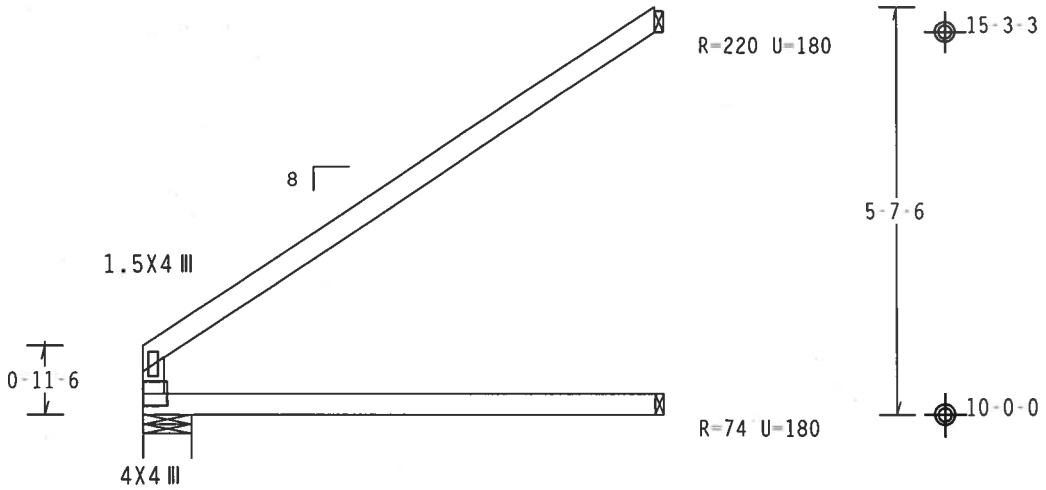
(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - EJ7S)

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar [illegible] '07

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

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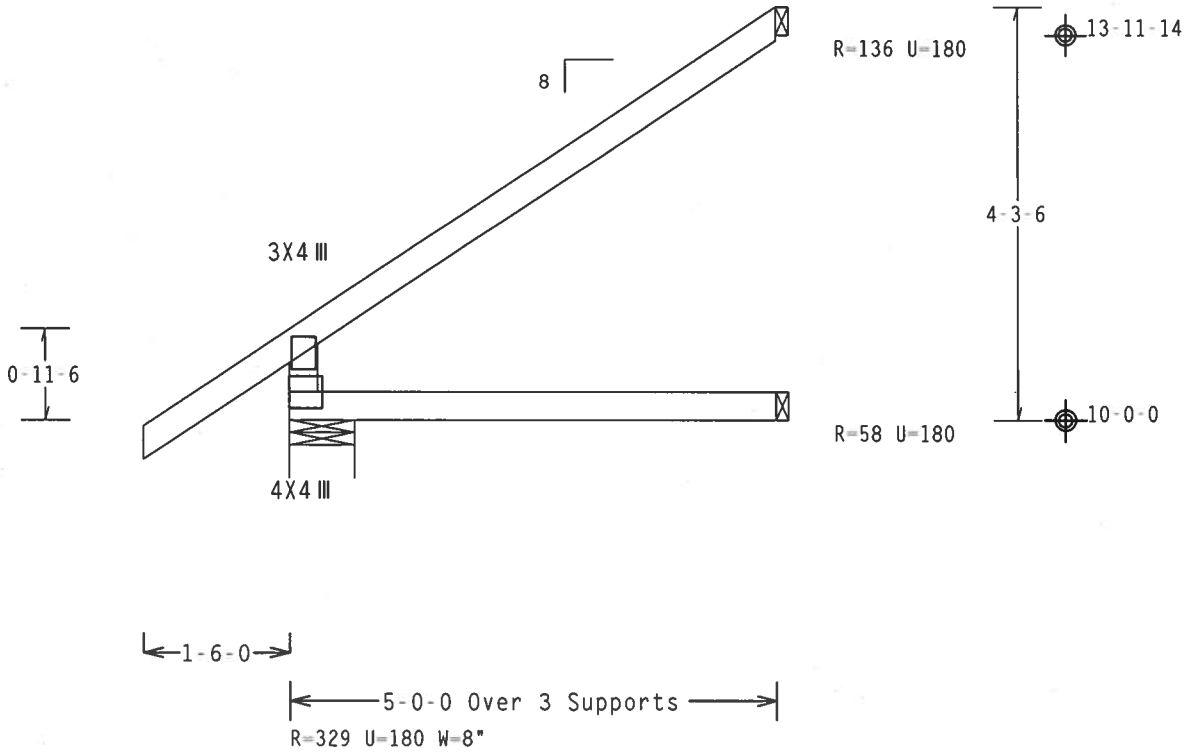
TC LL	20.0 PSF	REF	R8228- 64718
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085067
BC LL	0.0 PSF	HC-ENG	CR/AF *
TOT.LD.	40.0 PSF	SEQN-	172853
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cg/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

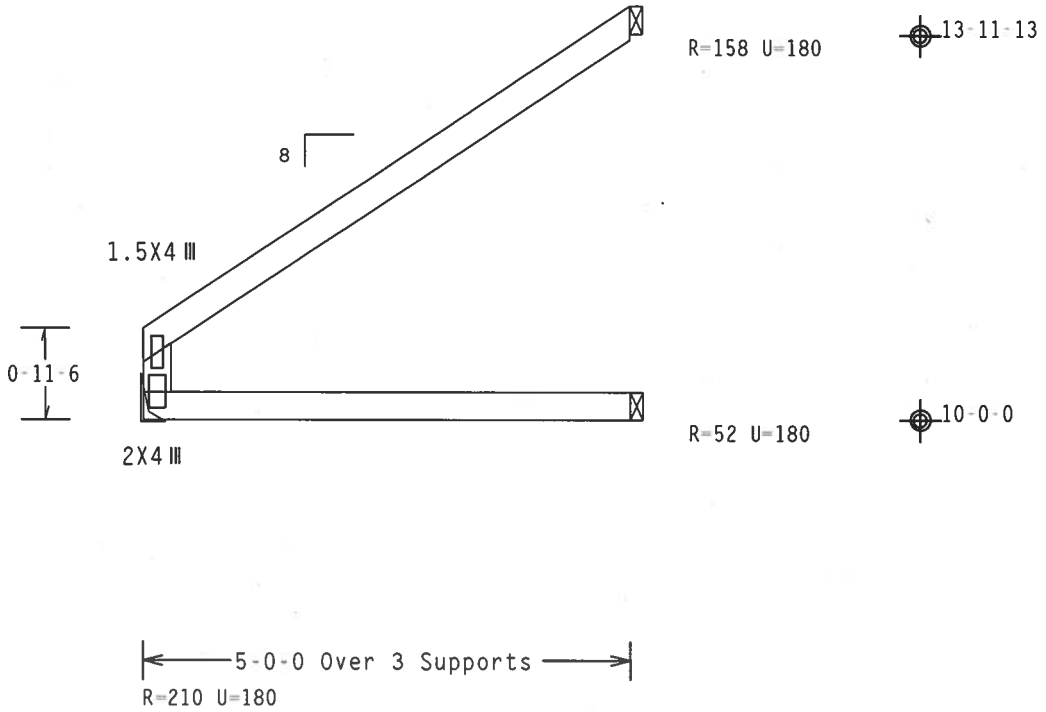
TC LL	20.0 PSF	REF R8228- 64719
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085068
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 172702
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 6677

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64720
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085069
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172743
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 2.093'

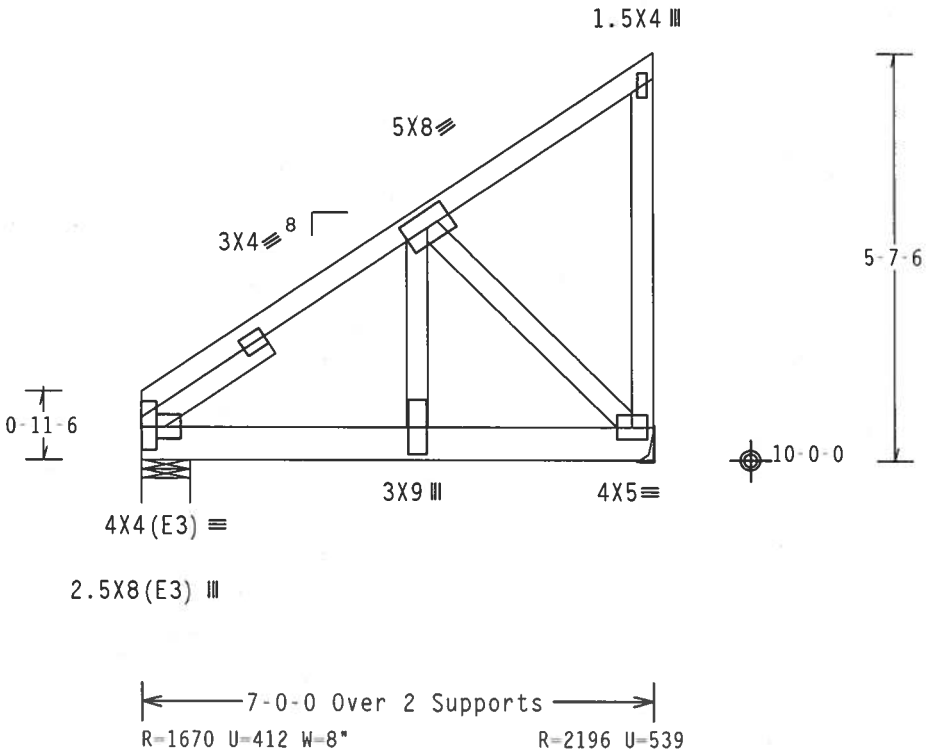
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 64 PLF at 0.00 to 64 PLF at 7.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.00
BC - 1092 LB Conc. Load at 2.06, 4.06, 6.06

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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ARTHUR A. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

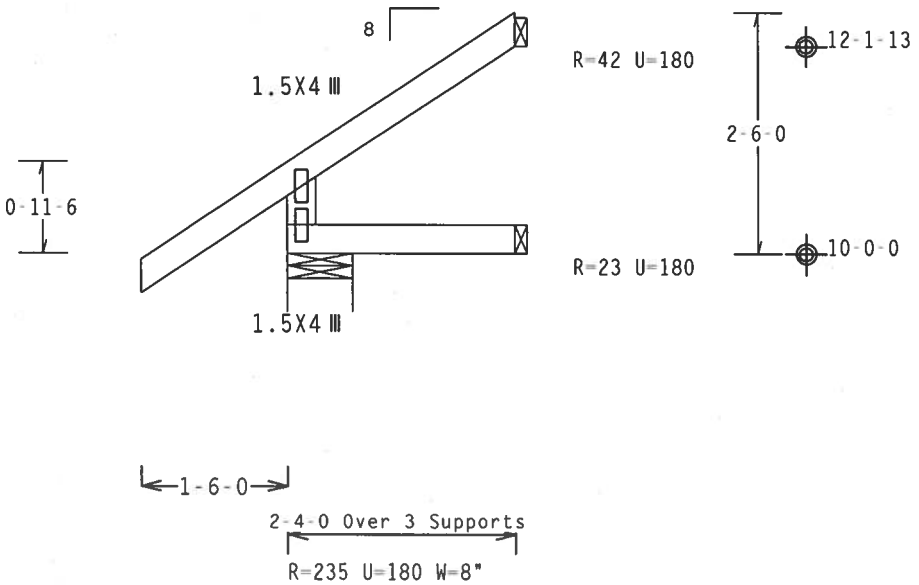
TC LL	20.0 PSF	REF	R8228- 64721
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085070
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	172789
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible]EY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64722
TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085071
BC LL	0.0 PSF	HC-ENG	CR/AF *
TOT.LD.	40.0 PSF	SEQN-	172962
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #1 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at 0.00 to 62 PLF at 4.16
TC - From 62 PLF at 4.16 to 62 PLF at 6.18
TC - From 62 PLF at 6.18 to 62 PLF at 10.33
BC - From 20 PLF at 0.00 to 20 PLF at 10.33
BC - 1066 LB Conc. Load at 2.40
BC - 893 LB Conc. Load at 4.40
BC - 895 LB Conc. Load at 6.40
BC - 899 LB Conc. Load at 8.40

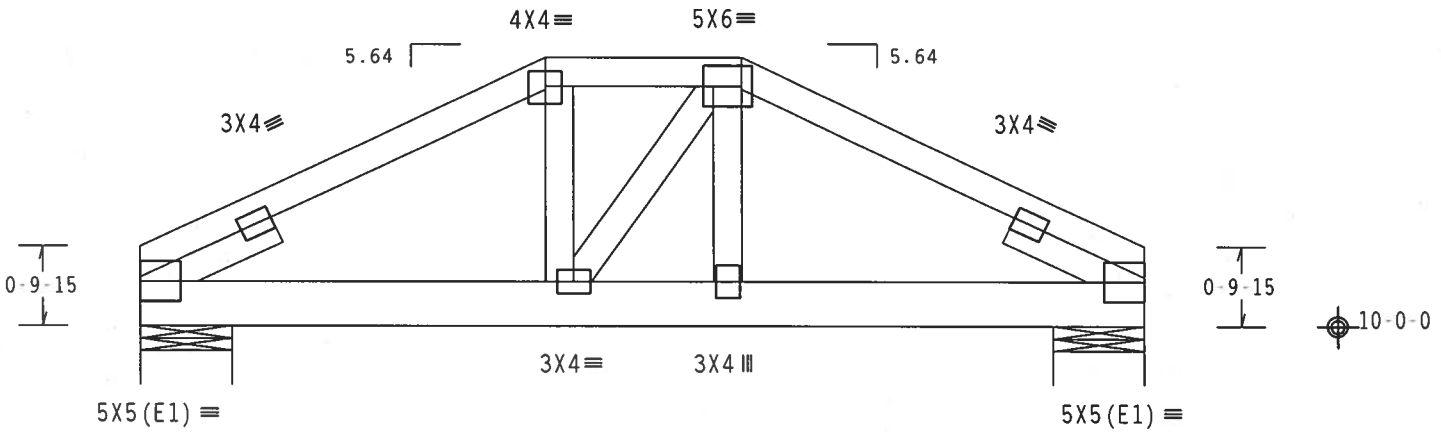
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 4.00" 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, not located within 4.50 ft from roof edge, CAT II, EXP C, 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
Cq/RT=1.00(1.25)/10(0) 7.24.12 [illegible] TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26,'07

TC LL	20.0 PSF	REF R8228- 64723
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085087
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172984
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

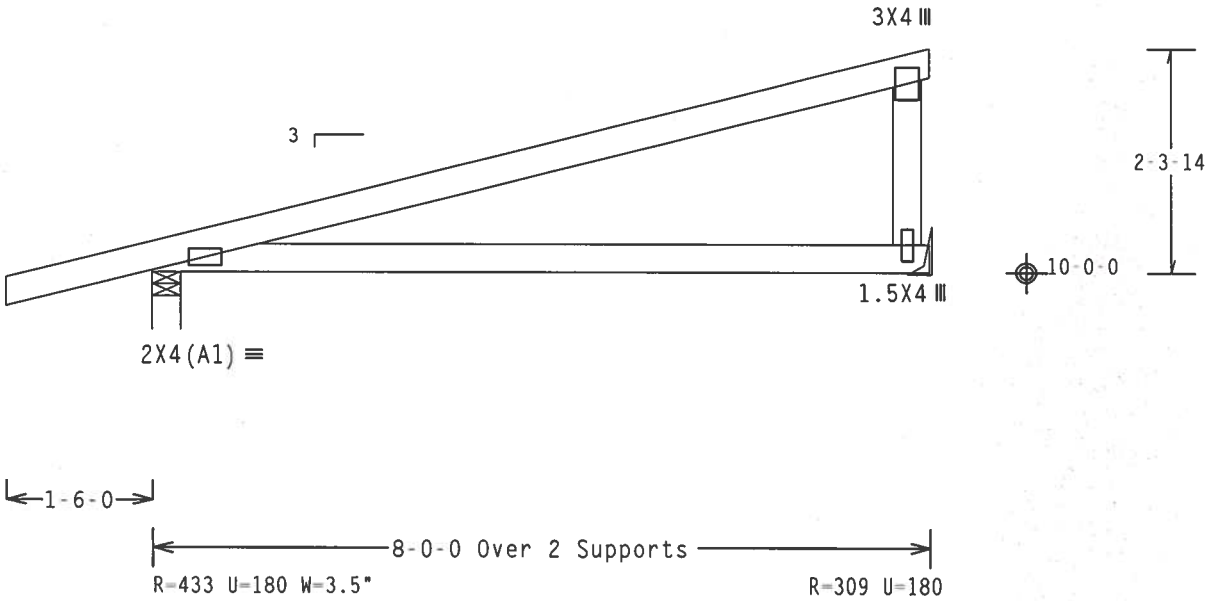
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 2[illegible] '07

TC LL	20.0 PSF	REF R8228- 64724
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085072
BC LL	0.0 PSF	HC-ENG CR/AF *
TOT.LD.	40.0 PSF	SEQN- 172636
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

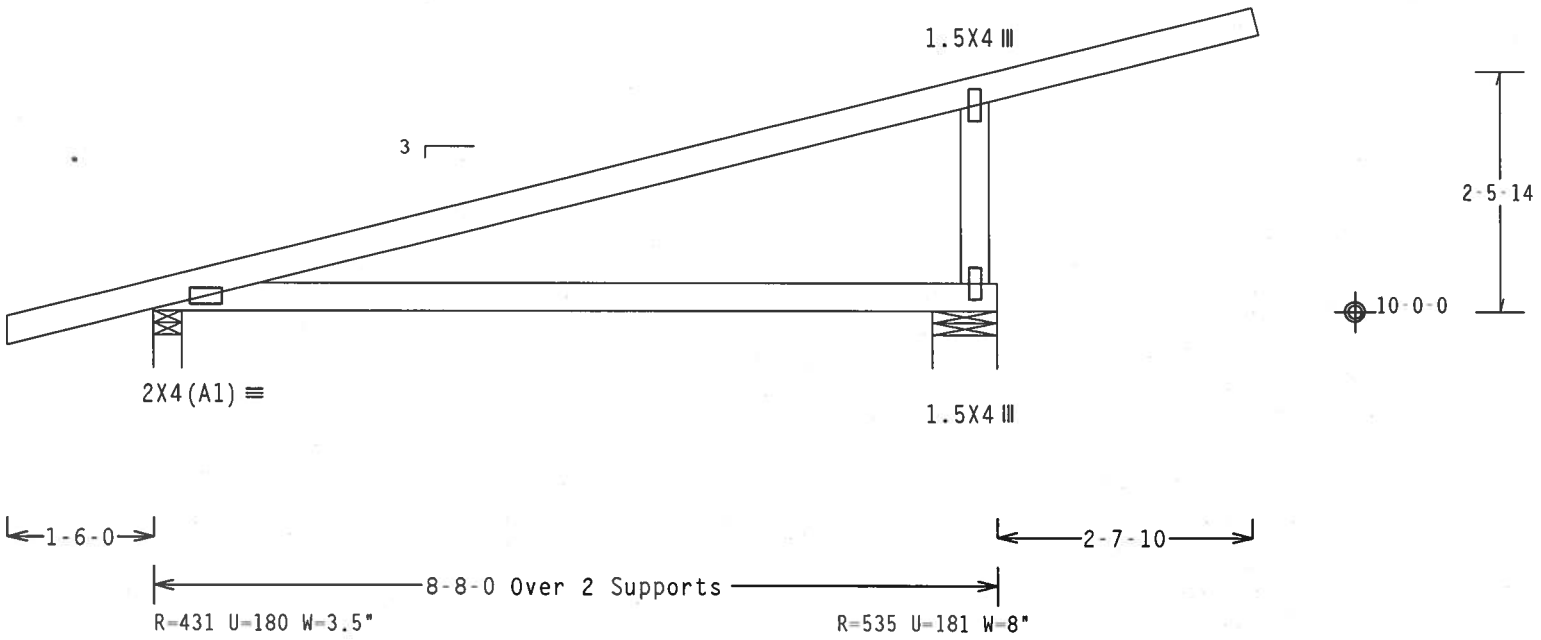
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64725
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085073
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 173840
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

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

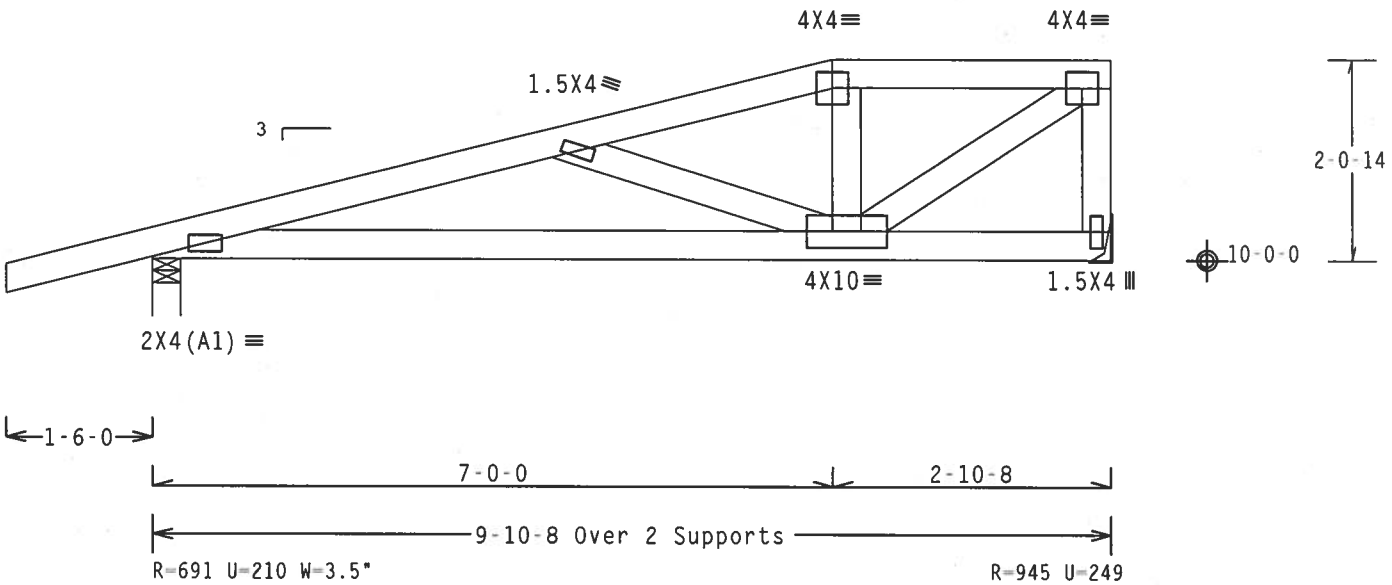
Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.13 [illegible]/TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

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

Mar 26 '07

TC LL	20.0 PSF	REF R8228- 64726
TC DL	10.0 PSF	DATE 03/26/07
BC DL	10.0 PSF	DRW HCUSR8228 07085074
BC LL	0.0 PSF	HC-ENG CR/AF
TOT.LD.	40.0 PSF	SEQN- 172646
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - MG)

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

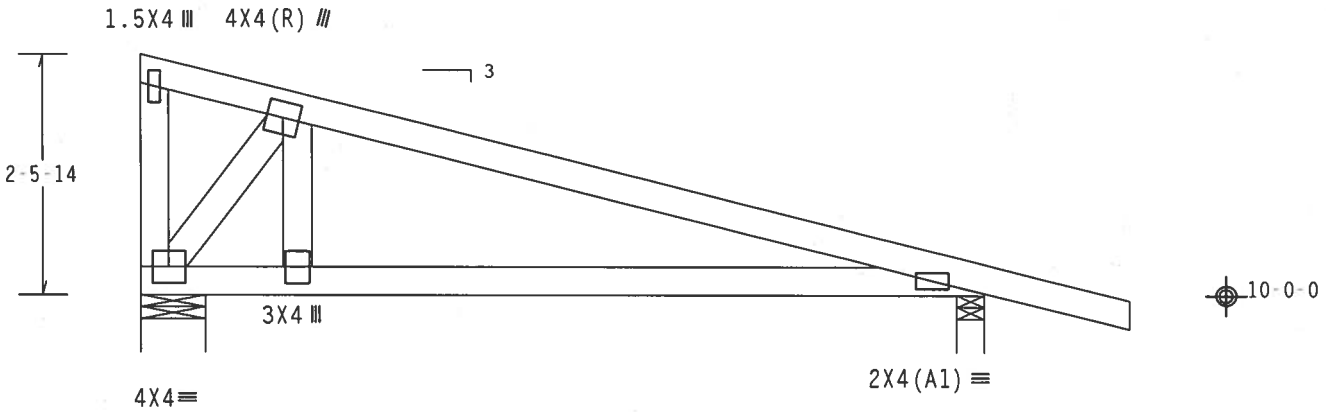
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Left end vertical not exposed to wind pressure.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at 0.00 to 61 PLF at 10.17
BC - From 20 PLF at 0.00 to 20 PLF at 8.67
BC - From 4 PLF at 8.67 to 4 PLF at 10.17
BC - 945 LB Conc. Load at 1.60

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
Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] QTY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

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Mar 26 '07

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TC DL	10.0 PSF	DATE	03/26/07
BC DL	10.0 PSF	DRW	HCUSR8228 07085075
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	40.0 PSF	SEQN-	172665
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

(7-088--Jerry Castagna Constructi DANNECKER -- Lake City, FL - AP)

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

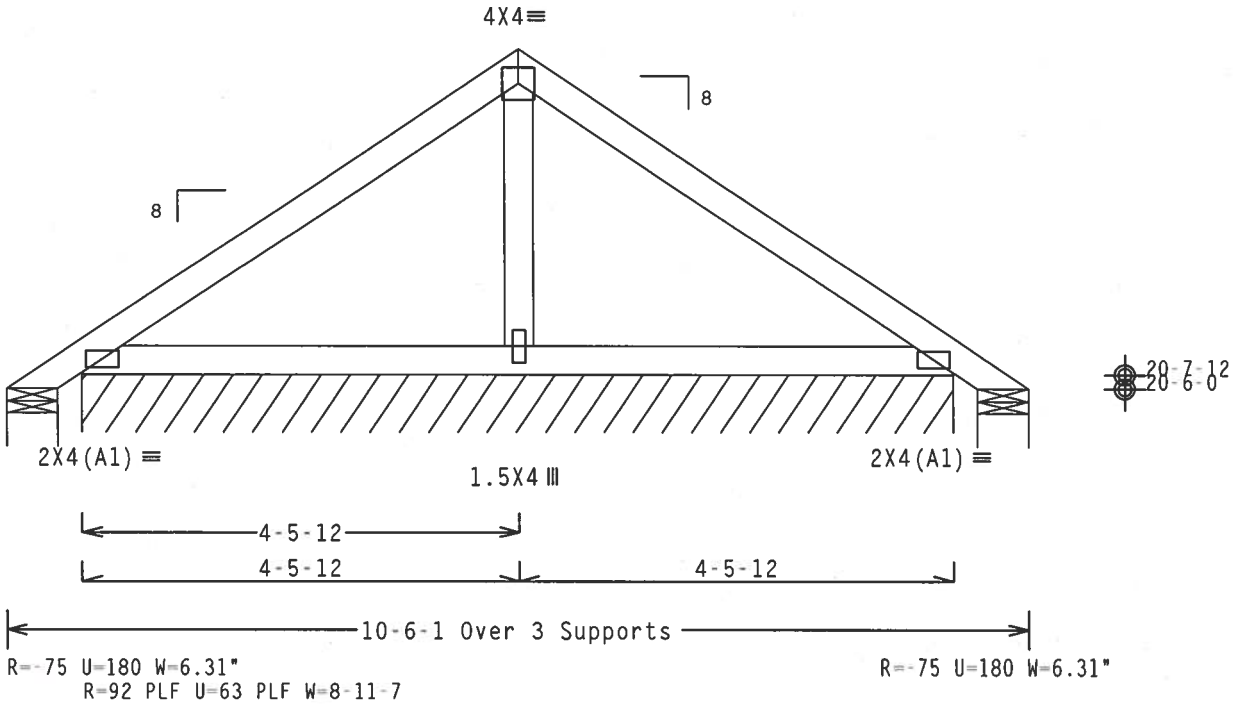
Wind reactions based on MWFRS pressures.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

Top chord of supporting truss under piggyback to be laterally braced at 24" oc, unless specified otherwise.

110 mph wind, 22.25 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=1.2 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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Mar 26 '07

TC LL	20.0 PSF	REF	R8228- 64728
TC DL	10.0 PSF	DATE	03/26/07
BC DL	2.0 PSF	DRW	HCUSR8228 07085076
BC LL	0.0 PSF	HC-ENG	CR/AF
TOT.LD.	32.0 PSF	SEQN-	173743
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T5Z8228Z02

CLB WEB BRACE SUBSTITUTION

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

NOTES:

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

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

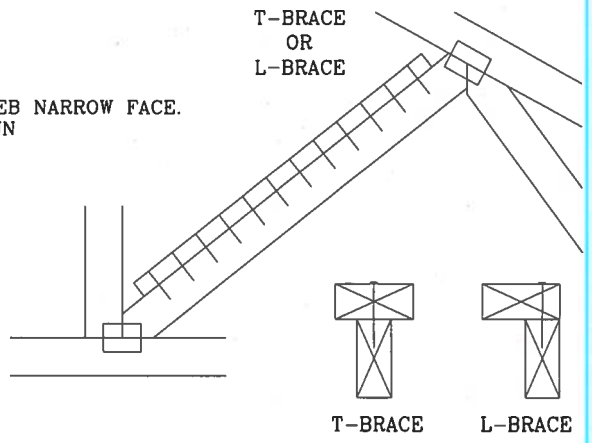
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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

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

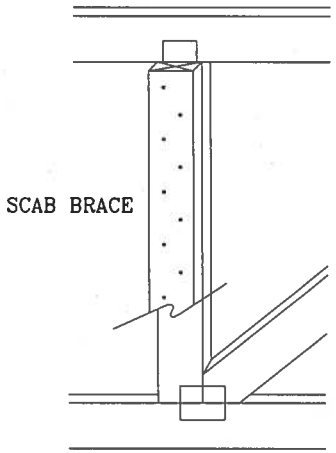
T-BRACING OR L-BRACING:

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



SCAB BRACING:

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



THIS DRAWING REPLACES DRAWING 579,640

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

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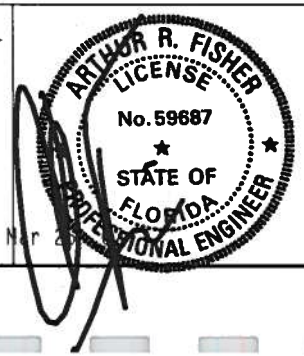


TC LL	PSF	REF	CLB SUBST.
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	BRCLBSUB0207
BC LL	PSF	-ENG	MLH/KAR
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

ASCE 7-02: 110 MPH WIND SPEED, 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

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).

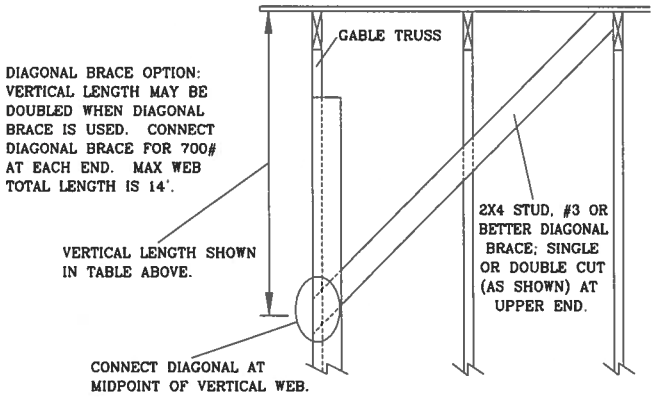
GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

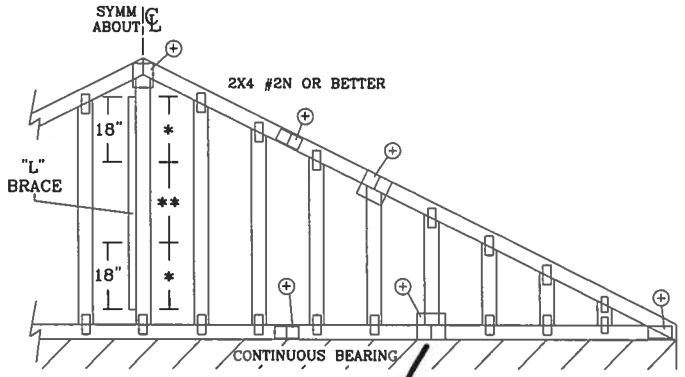
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

"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.





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

ALPINE
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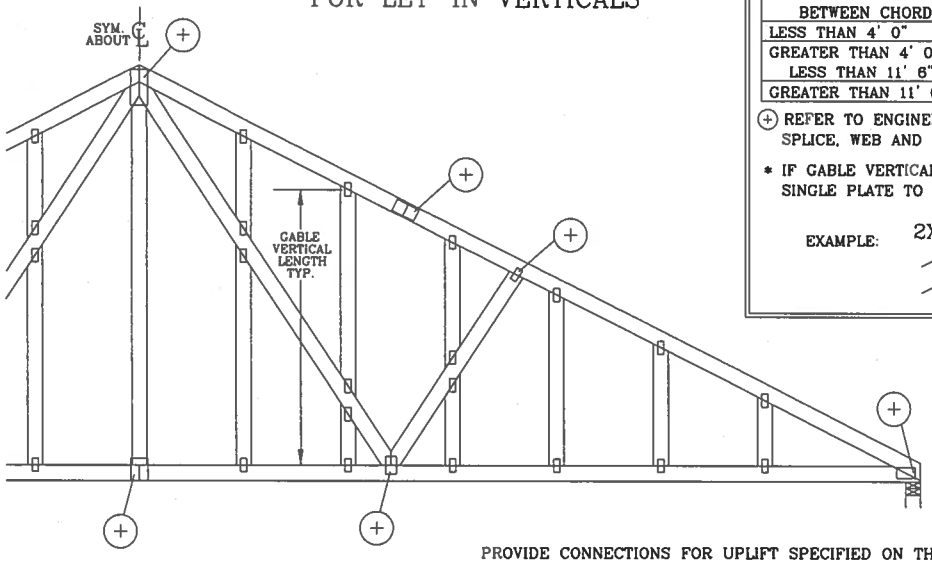
ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
Mar 26

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

REF	ASCE7-02-GAB11030
DATE	2/23/07
DRWG	A11030EE0207
-ENG	

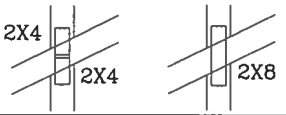
GABLE DETAIL
FOR LET-IN VERTICALS

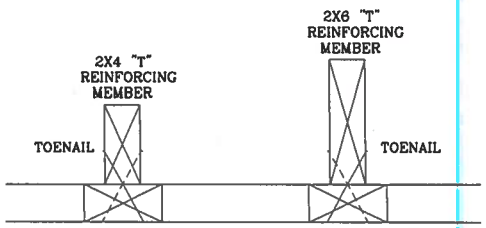


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

⊕ 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: 



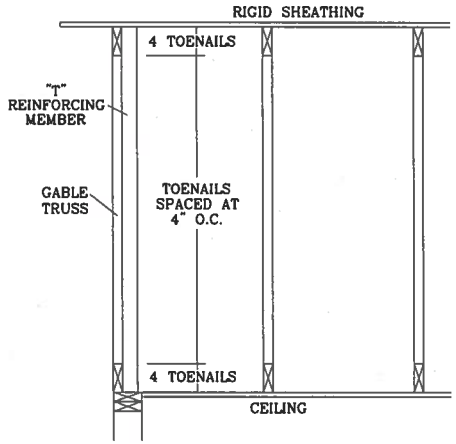
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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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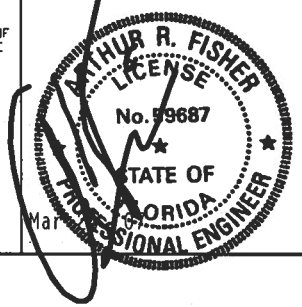


MAX TOT. LD. 60 PSF
DUR. FAC. ANY
MAX SPACING 24.0"

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

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

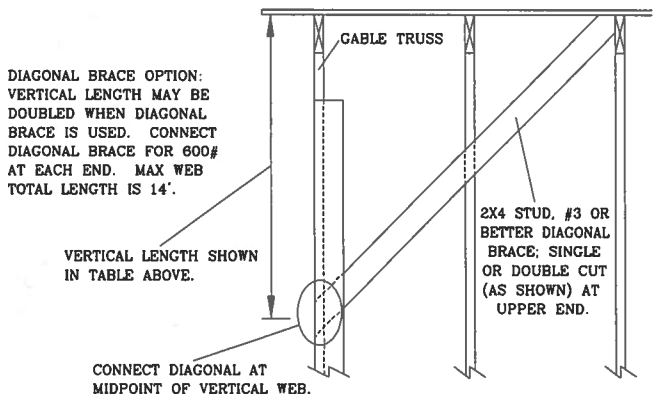
SOUTHERN PINE
#3
STUD
STANDARD

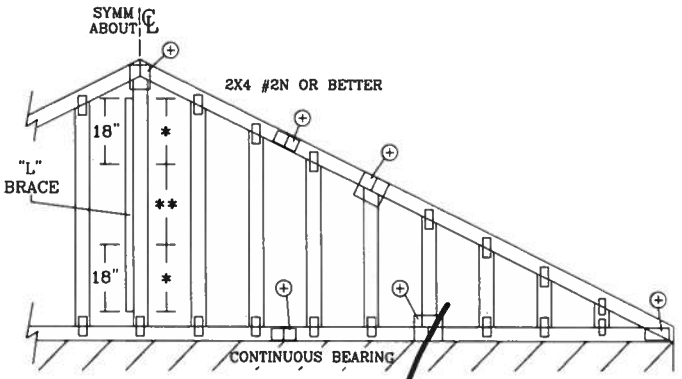
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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ARTHUR R. FISHER LICENSE No. 51687 STATE OF FLORIDA PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

PIGGYBACK DETAIL

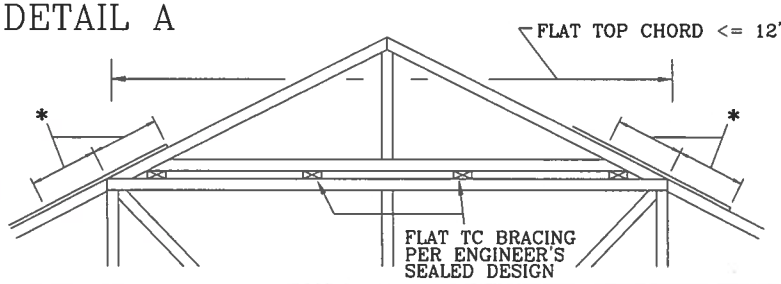
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

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.

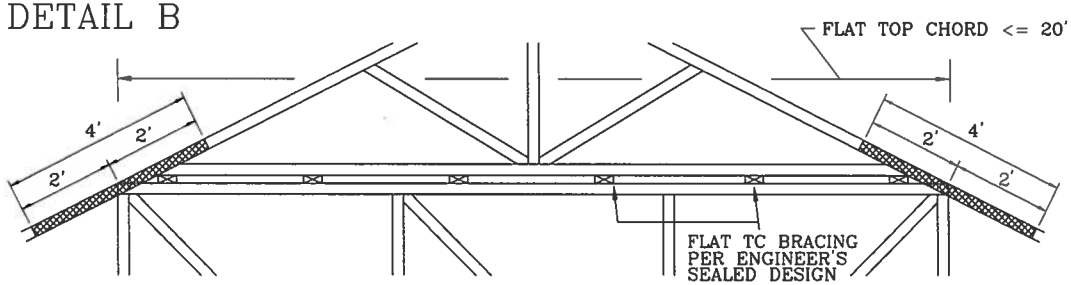
DETAIL A



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.

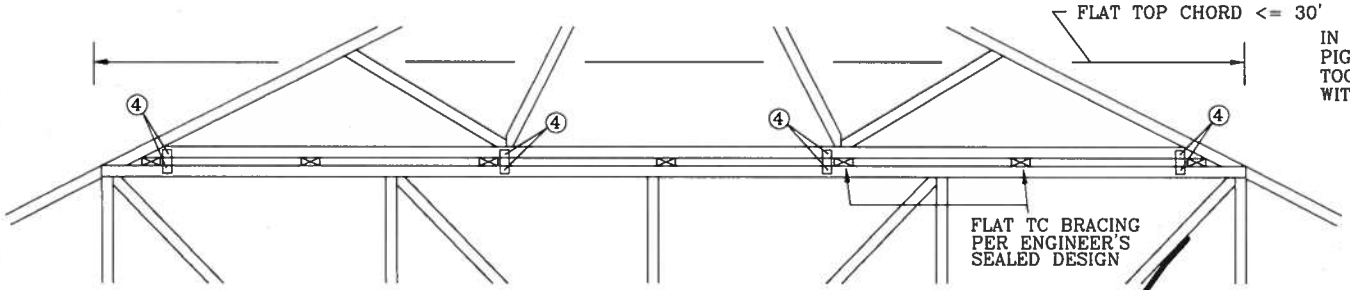
DETAIL B



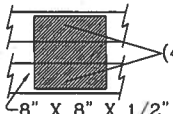
PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

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

Mar [illegible]

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.

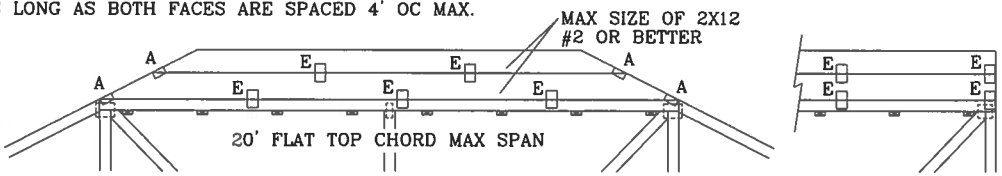
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

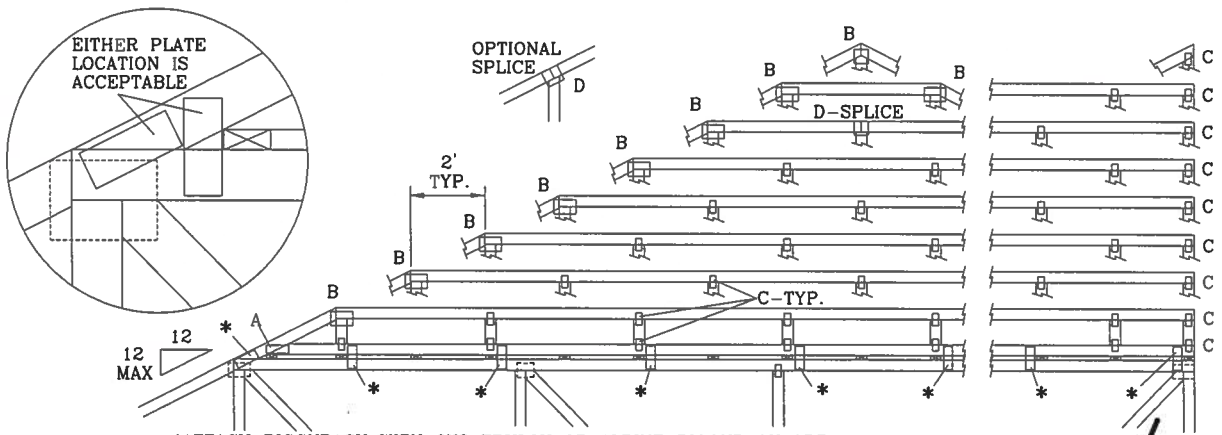
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

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

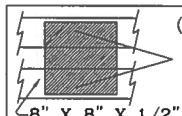
110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

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.

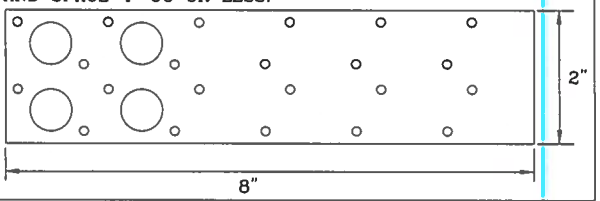
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

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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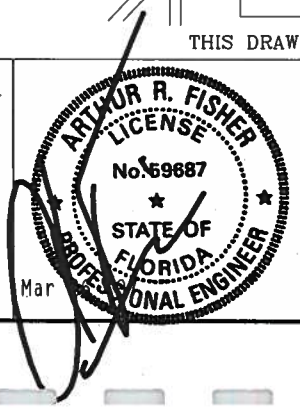


MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

REF	PIGGYBACK
DATE	2/23/07
DRWG	PIGBACKB0207
-ENG	DLJ/KAR

Castagna Construction, Inc
521 NW Old Mill Rd
Lake City, Fl 32055
386-755-6867phone
386-755-3745 fax
Castagnaconstruc@bellsouth.net

September 15, 2008

Building Department
RE: Dannecker Job

To whom it may concern,

We need to get a 90 extension on permit # 26178 for William Dannecker.
We appreciate your consideration and help in this matter.

Sincerely

Castagna Construction, Inc.
Jerry Castagna
CBC047842

Castagna Construction
521 NW Old Mill Rd.
Lake City, Florida 32055

Re: [redacted]

Plans will include arc fault interrupters in all bedrooms.

Jerry Castagna
Castagna Construction INC

jc/lc

ELK

**PRESTIQUE®
HIGH DEFINITION®**

RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size.....13⅜"x 39⅜"
Exposure.....5⅝"
Pieces/Bundle.....16
Bundles/Square.....4/98.5 sq.ft.
Squares/Pallet.....11

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

Prestique I *High Definition*

Product size.....13⅜"x 39⅜"
Exposure.....5⅝"
Pieces/Bundle.....16
Bundles/Square.....4/98.5 sq.ft.
Squares/Pallet.....14

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

Prestique *High Definition*

Product size.....13⅜"x 39⅜"
Exposure.....5⅝"
Pieces/Bundle.....22
Bundles/Square.....3/100 sq.ft.
Squares/Pallet.....16

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

Raised Profile

Product size.....13⅜"x 38⅝"
Exposure.....5⅝"
Pieces/Bundle.....22
Bundles/Square.....3/100 sq.ft.
Squares/Pallet.....16

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

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

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

Elk Starter Strip

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

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

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

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

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

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

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

SPECIFICATIONS

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

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

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 6" (24.4mm x 152.4mm) boards; exterior grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

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

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula *FLX* with StainGuard treatment.

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

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

SOUTHEAST & ATLANTIC OFFICE:
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

ELK
www.elkcorp.com

55007 01.02

PRODUCT PERFORMANCE DATA

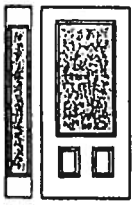
HURRICANE CODE

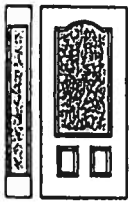
WOOD-EDGE STEEL DOOR IN WOOD FRAME

PRODUCT CERTIFICATION SHEET 01-0314.29 (DADE-OUTSWING)

Valid for the following side-hinged door arrangements (Sheet 2 of 2):

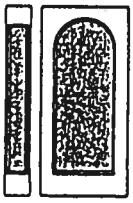
3/4 GLASS:


404 Series


410 Series


450 Series

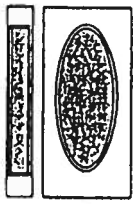
FULL GLASS:


109 Series


114, 120, 122 Series

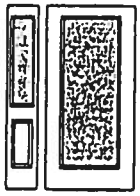

152 Series

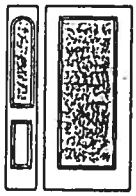

149 Series

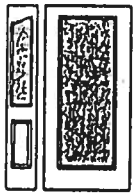

300 Series

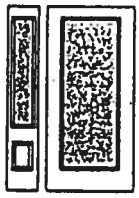
SIDELITE STYLES:

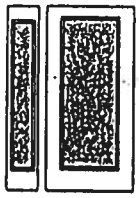

680 Series

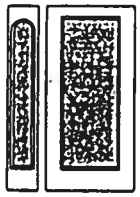

129 Series


200 Series


12R, 12L, 23R, 23L, 24R, 24L Series


450 Series


152 Series


149 Series

DP +50.5-50.5 IMPACT NO MULTI_WE_STL_WD_GLZ-2

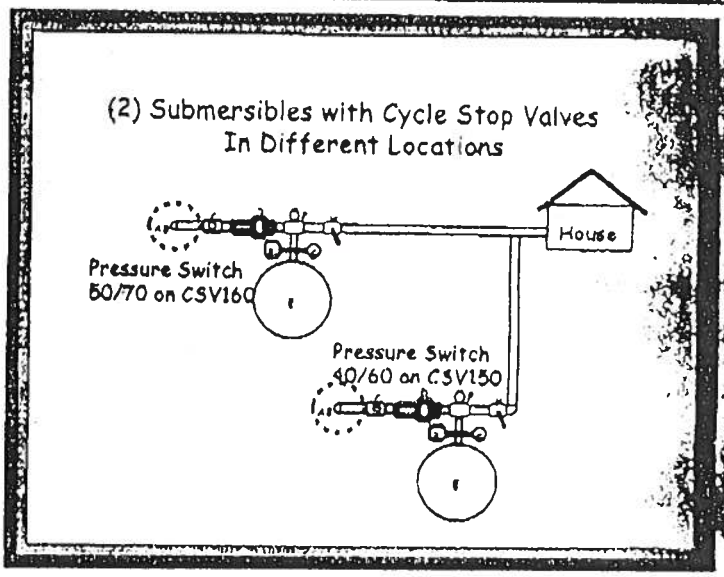
Entergy
Entry Systems

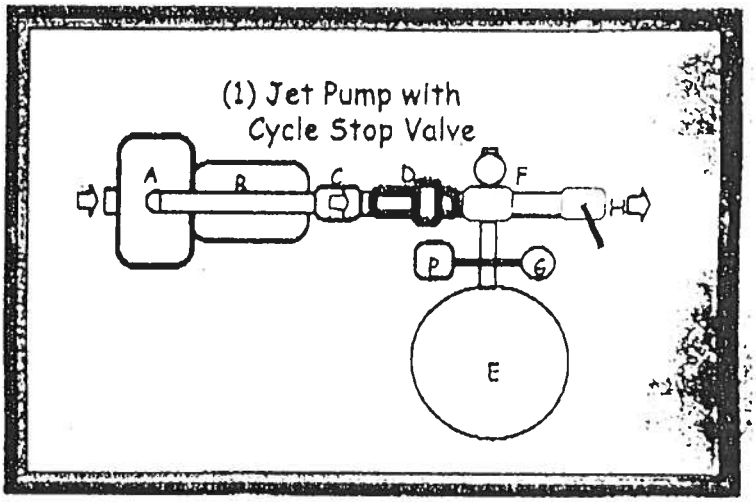
PREMI makes it!

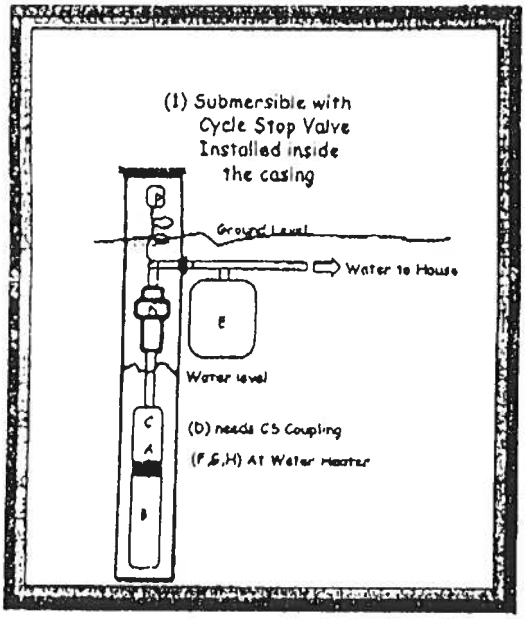
Technical Information

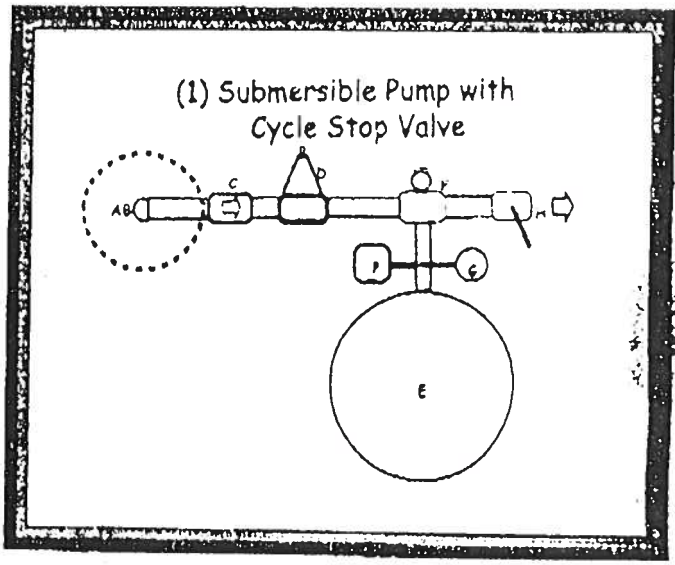
Model CSV1 and CSV2 Applications

A) Pump
B) Motor
C) Check valve
D) Cycle Stop Valve
E) Pressure tank
F) Pressure relief valve
G) Pressure gauge
H) Isolation valve
P) Pressure switch
LP) Low Pressure Cut off









ELK

PRESTIQUE®
HIGH DEFINITION®

RAISED PROFILE™

Prestique Plus *High Definition* and Prestique Gallery Collection™

Product size.....13⅜"x 39⅜"
Exposure.....5⅝"
Pieces/Bundle.....16
Bundles/Square....4/98.5 sq.ft.
Squares/Pallet.....11

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

Raised Profile

Product size .....13⅜"x 38⅝"
Exposure.....5⅝"
Pieces/Bundle.....22
Bundles/Square.....3/100 sq.ft.
Squares/Pallet 16

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

Prestique I *High Definition*

Product size ... . .13⅜"x 39⅜"
Exposure.....5⅝"
Pieces/Bundle.....16
Bundles/Square....4/98.5 sq.ft.
Squares/Pallet 14

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

Prestique *High Definition*

Product size.....13⅜"x 38⅝"
Exposure.....5⅝"
Pieces/Bundle.....22
Bundles/Square.....3/100 sq.ft.
Squares/Pallet.....16

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

HIP AND RIDGE SHINGLES

Seal-A-Ridge® w/FLX™

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

Elk Starter Strip

62 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

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

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

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

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

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

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

SPECIFICATIONS

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

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

Preparation of Roof Deck: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

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For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula *FLX* with StainGuard treatment.

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

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

SOUTHEAST & ATLANTIC OFFICE:
800.945.5551

CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

ELK
www.elkcorp.com

Residential System Sizing Calculation

Summary

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

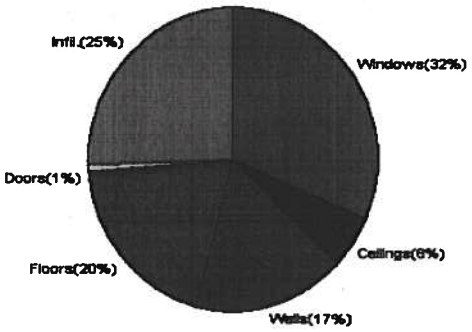
10/25/2006

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	**66849**	**Btuh**	**Total cooling load calculation**	**71770**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	119.7	80000	Sensible (SHR = 0.75)	104.8	60000
Heat Pump + Auxiliary(0.0kW)	119.7	80000	Latent	137.9	20000
			Total (Electric Heat Pump)	111.5	80000

WINTER CALCULATIONS

Winter Heating Load (for 3121 sqft)

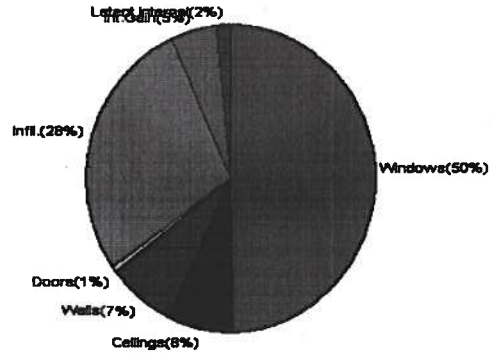
Load component			Load	
Window total	449	sqft	21113	Btuh
Wall total	2501	sqft	11376	Btuh
Door total	40	sqft	518	Btuh
Ceiling total	3300	sqft	3889	Btuh
Floor total	300	sqft	13098	Btuh
Infiltration	416	cfm	16856	Btuh
Duct loss			0	Btuh
Subtotal			**66849**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**66849**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 3121 sqft)

Load component			Load	
Window total	449	sqft	35540	Btuh
Wall total	2501	sqft	5309	Btuh
Door total	40	sqft	392	Btuh
Ceiling total	3300	sqft	5465	Btuh
Floor total			0	Btuh
Infiltration	364	cfm	6777	Btuh
Internal gain			3780	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**57263**	**Btuh**
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			13307	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**14507**	**Btuh**
TOTAL HEAT GAIN			**71770**	**Btuh**



Powered by ACCA MANUAL J

For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 10-24-06

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

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

10/25/2006

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	W	75.0	47.0	3524 Btuh
2	1, Clear, Metal, 1.27	N	45.0	47.0	2115 Btuh
3	1, Clear, Metal, 1.27	N	20.0	47.0	940 Btuh
4	1, Clear, Metal, 1.27	W	133.3	47.0	6264 Btuh
5	1, Clear, Metal, 1.27	W	15.0	47.0	705 Btuh
6	1, Clear, Metal, 1.27	N	20.0	47.0	940 Btuh
7	1, Clear, Metal, 1.27	N	6.0	47.0	282 Btuh
8	1, Clear, Metal, 1.27	E	60.0	47.0	2819 Btuh
9	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
10	1, Clear, Metal, 1.27	E	9.0	47.0	423 Btuh
11	1, Clear, Metal, 1.27	S	16.0	47.0	752 Btuh
12	1, Clear, Metal, 1.27	S	20.0	47.0	940 Btuh
13	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
	Window Total		449(sqft)		21113 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Concrete Blk, - Ext(0.13)	5.0	2141	4.8	10194 Btuh
2	Frame - Wood - Adj(0.09)	13.0	360	3.3	1182 Btuh
	Wall Total		2501		11376 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		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	3300	1.2	3889 Btuh
	Ceiling Total		3300		3889Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	300.0 ft(p)	43.7	13098 Btuh
	Floor Total		300		13098 Btuh
			Zone Envelope Subtotal:		49993 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	31210	416.1	16856 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**66849 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

10/25/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	66849 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	66849 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)

For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

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

10/25/2006

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	1, Clear, Metal, 1.27	W	75.0	47.0	3524 Btuh
2	1, Clear, Metal, 1.27	N	45.0	47.0	2115 Btuh
3	1, Clear, Metal, 1.27	N	20.0	47.0	940 Btuh
4	1, Clear, Metal, 1.27	W	133.3	47.0	6264 Btuh
5	1, Clear, Metal, 1.27	W	15.0	47.0	705 Btuh
6	1, Clear, Metal, 1.27	N	20.0	47.0	940 Btuh
7	1, Clear, Metal, 1.27	N	6.0	47.0	282 Btuh
8	1, Clear, Metal, 1.27	E	60.0	47.0	2819 Btuh
9	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
10	1, Clear, Metal, 1.27	E	9.0	47.0	423 Btuh
11	1, Clear, Metal, 1.27	S	16.0	47.0	752 Btuh
12	1, Clear, Metal, 1.27	S	20.0	47.0	940 Btuh
13	1, Clear, Metal, 1.27	S	15.0	47.0	705 Btuh
	Window Total		449(sqft)		21113 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Concrete Blk, - Ext(0.13)	5.0	2141	4.8	10194 Btuh
2	Frame - Wood - Adj(0.09)	13.0	360	3.3	1182 Btuh
	Wall Total		2501		11376 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		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	3300	1.2	3889 Btuh
	Ceiling Total		3300		3889Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	300.0 ft(p)	43.7	13098 Btuh
	Floor Total		300		13098 Btuh
			Zone Envelope Subtotal:		49993 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	
	Natural	0.80	31210	416.1	16856 Btuh
Ductload	Proposed leak free, R6.0, Supply(Attic), Return(Attic)			(DLM of 0.00)	0 Btuh
Zone #1			**Sensible Zone Subtotal**		**66849 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

10/25/2006

WHOLE HOUSE TOTALS

	Subtotal Sensible	66849 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	66849 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)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 10/25/2006

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	1, Clear, 1.27, None,N,N	W	1.5ft	10ft.	75.0	0.0	75.0	37	94	7053 Btuh
2	1, Clear, 1.27, None,N,N	N	1.5ft	10ft.	45.0	0.0	45.0	37	37	1685 Btuh
3	1, Clear, 1.27, None,N,N	N	8ft.	10ft.	20.0	0.0	20.0	37	37	749 Btuh
4	1, Clear, 1.27, None,N,N	W	9.5ft	10ft.	133.3	91.0	42.3	37	94	7386 Btuh
5	1, Clear, 1.27, None,N,N	W	9.5ft	10ft.	15.0	8.7	6.3	37	94	921 Btuh
6	1, Clear, 1.27, None,N,N	N	9.5ft	10ft.	20.0	0.0	20.0	37	37	749 Btuh
7	1, Clear, 1.27, None,N,N	N	9.5ft	10ft.	6.0	0.0	6.0	37	37	225 Btuh
8	1, Clear, 1.27, None,N,N	E	9.5ft	10ft.	60.0	34.6	25.4	37	94	3684 Btuh
9	1, Clear, 1.27, None,N,N	S	9.5ft	10ft.	15.0	15.0	0.0	37	43	562 Btuh
10	1, Clear, 1.27, None,N,N	E	1.5ft	10ft.	9.0	0.0	9.0	37	94	846 Btuh
11	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	16.0	14.0	2.0	37	43	609 Btuh
12	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	20.0	18.0	2.0	37	43	759 Btuh
13	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	15.0	13.5	1.5	37	43	569 Btuh
	Excursion									9741 Btuh
	Window Total				449 (sqft)					35540 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Concrete Blk, - Ext	5.0/0.13	2140.7	2.2	4766 Btuh
2	Frame - Wood - Adj	13.0/0.09	360.0	1.5	543 Btuh
	Wall Total		2501 (sqft)		5309 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	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	3300.0	1.7	5465 Btuh
	Ceiling Total		3300 (sqft)		5465 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	300 (ft(p))	0.0	0 Btuh
	Floor Total		300.0 (sqft)		0 Btuh

	Zone Envelope Subtotal:	46706 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.70	31210	364.1	6777 Btuh
Internal gain		Occupants	Btuh/occupant	Appliance	Load
		6	X 230 +	2400	3780 Btuh
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)			DGM = 0.00	0.0 Btuh
				Sensible Zone Load	**57263 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

10/25/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**57263 Btuh**
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	**57263 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
Whole House	**Total sensible gain**	**57263 Btuh**
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	13307 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**14507 Btuh**
	TOTAL GAIN	**71770 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)

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 10/25/2006

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	1, Clear, 1.27, None,N,N	W	1.5ft	10ft.	75.0	0.0	75.0	37	94	7053 Btuh
2	1, Clear, 1.27, None,N,N	N	1.5ft	10ft.	45.0	0.0	45.0	37	37	1685 Btuh
3	1, Clear, 1.27, None,N,N	N	8ft.	10ft.	20.0	0.0	20.0	37	37	749 Btuh
4	1, Clear, 1.27, None,N,N	W	9.5ft	10ft.	133.3	91.0	42.3	37	94	7386 Btuh
5	1, Clear, 1.27, None,N,N	W	9.5ft	10ft.	15.0	8.7	6.3	37	94	921 Btuh
6	1, Clear, 1.27, None,N,N	N	9.5ft	10ft.	20.0	0.0	20.0	37	37	749 Btuh
7	1, Clear, 1.27, None,N,N	N	9.5ft	10ft.	6.0	0.0	6.0	37	37	225 Btuh
8	1, Clear, 1.27, None,N,N	E	9.5ft	10ft.	60.0	34.6	25.4	37	94	3684 Btuh
9	1, Clear, 1.27, None,N,N	S	9.5ft	10ft.	15.0	15.0	0.0	37	43	562 Btuh
10	1, Clear, 1.27, None,N,N	E	1.5ft	10ft.	9.0	0.0	9.0	37	94	846 Btuh
11	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	16.0	14.0	2.0	37	43	609 Btuh
12	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	20.0	18.0	2.0	37	43	759 Btuh
13	1, Clear, 1.27, None,N,N	S	1.5ft	10ft.	15.0	13.5	1.5	37	43	569 Btuh
	Excursion									9741 Btuh
	Window Total				449 (sqft)					35540 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Concrete Blk, - Ext	5.0/0.13	2140.7	2.2	4766 Btuh
2	Frame - Wood - Adj	13.0/0.09	360.0	1.5	543 Btuh
	Wall Total		2501 (sqft)		5309 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Adjacent	20.0	9.8	196 Btuh
2	Insulated - Exterior	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	3300.0	1.7	5465 Btuh
	Ceiling Total		3300 (sqft)		5465 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	300 (ft(p))	0.0	0 Btuh
	Floor Total		300.0 (sqft)		0 Btuh

	Zone Envelope Subtotal:	46706 Btuh

Infiltration	Type	ACH	Volume(cuft)	CFM=	Load
	SensibleNatural	0.70	31210	364.1	6777 Btuh
Internal gain		Occupants	Btuh/occupant	Appliance	Load
		6	X 230 +	2400	3780 Btuh
Duct load	Proposed leak free, R6.0, Supply(Attic), Return(Attic)			DGM = 0.00	0.0 Btuh
				Sensible Zone Load	**57263 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

Code Only
Professional Version
Climate: North

10/25/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**57263**	**Btuh**
	Sensible Duct Load	0	Btuh
	Total Sensible Zone Loads	**57263**	**Btuh**
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	**Total sensible gain**	**57263**	**Btuh**
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	13307	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	**14507**	**Btuh**
	TOTAL GAIN	**71770**	**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)

For Florida residences only

Residential Window Diversity

MidSummer

Dannecker Res.
255 SW Aviation Drive
Lake City, FL 32024-

Project Title:
William & Jean Dannecker

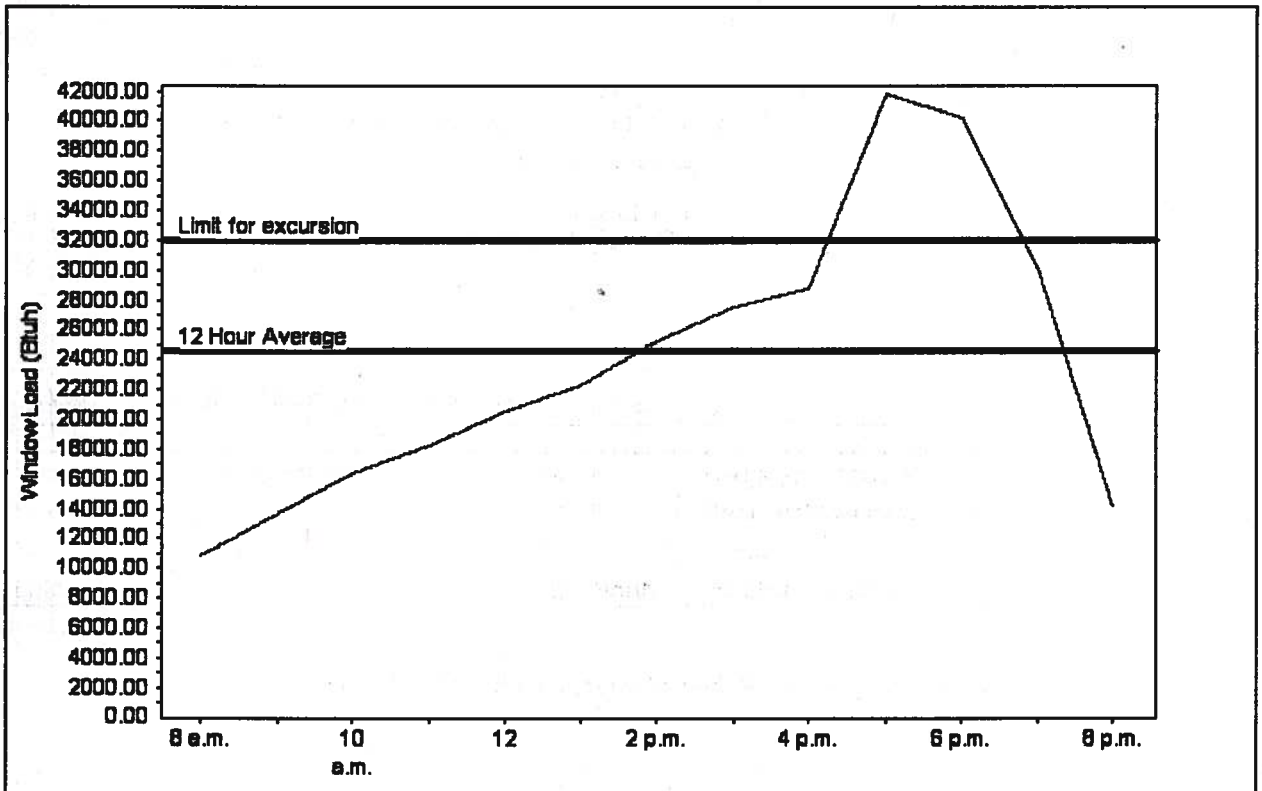
Code Only
Professional Version
Climate: North

10/25/2006

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	24624 Btu
Summer setpoint	75 F	Peak window load for July	41753 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	32011 Btu
Latitude	29 North	Window excursion (July)	9741 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: _____
DATE: _____

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 22-5S-17-09322-012 **Building permit No.** 000026178

Use Classification SFD/UTILITY **Fire:** 0.00

Permit Holder JERRY CASTAGNA **Waste:**

Owner of Building WILLIAM DANNECKER **Total:** 0.00

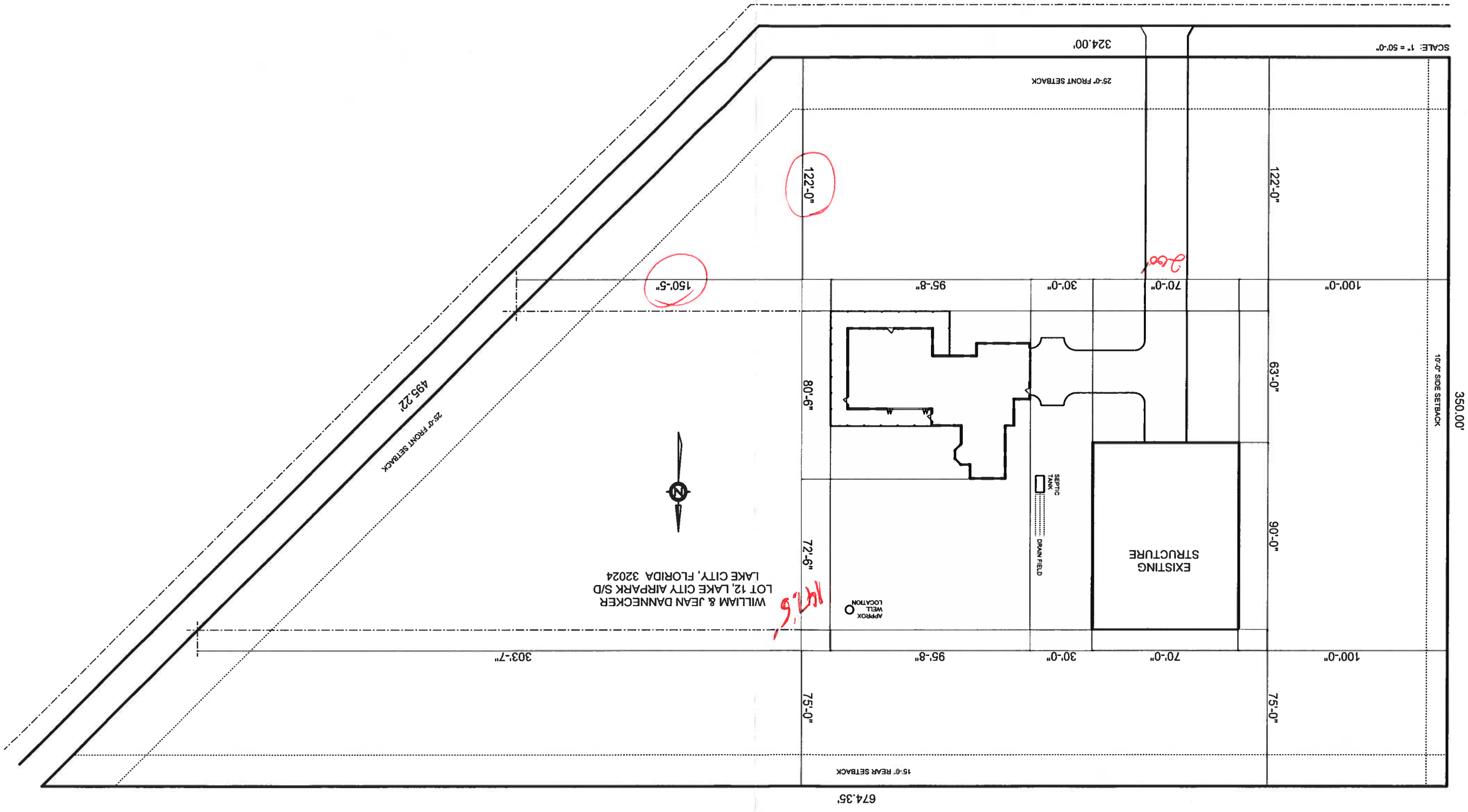
Location: 355 SW AVIATION DR., LAKE CITY, FL

Date: 12/16/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)


SCALE: 1" = 50'-0"
324.00'
25'-0" FRONT SETBACK
122'-0"
150'-5"
95'-8"
30'-0"
70'-0"
100'-0"
122'-0"
63'-0"
10'-0" SIDE SETBACK
350.00'
80'-6"
495.22'
25'-0" FRONT SETBACK
SEPTIC TANK
DRAIN FIELD
EXISTING STRUCTURE
90'-0"
72'-6"
APPROX WELL LOCATION
WILLIAM & JEAN DANNECKER
LOT 12, LAKE CITY AIRPARK S/D
LAKE CITY, FLORIDA 32024
303'-7"
95'-8"
30'-0"
70'-0"
100'-0"
75'-0"
75'-0"
15'-0" REAR SETBACK
674.35'