DATE 08/28/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000026179

APPLICANT LINDA RODER PHONE 752-2281

ADDRESS 387 SW KEMP CT LAKE CITY FL 32024

OWNER MICHAEL & ERICA WINSBERG PHONE 752-0771

ADDRESS 8635 SW SR 47 LAKE CITY FL 32024

CONTRACTOR NATHAN PETERSEN PHONE 623-3307

LOCATION OF PROPERTY 47 S, .5 MILES PAST 240, LOT IS ON THE LEFT JUST PAST THRASHER THAT IS ON THE RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 74000.00

HEATED FLOOR AREA 1480.00 TOTAL AREA 2005.00 HEIGHT 18.40 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 7/12 FLOOR SLAB

LAND USE & ZONING AG-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 10-5S-16-03529-004 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 2.01

		CRC1328397		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
DOT APPROVED	07-0652	BK	JH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

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

DOT APPROVAL, FAMILY AFFIDAVIT

Check # or Cash 3957

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by — Foundation date/app. by — Monolithic date/app. by

Under slab rough-in plumbing date/app. by — Slab date/app. by — Sheathing/Nailing date/app. by

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

Electrical rough-in date/app. by — Heat & Air Duct date/app. by — Peri. beam (Lintel) date/app. by

Permanent power date/app. by — C.O. Final date/app. by — Culvert date/app. by

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

Reconnection date/app. by — Pump pole date/app. by — Utility Pole date/app. by

M/H Pole date/app. by — Travel Trailer date/app. by — Re-roof date/app. by

BUILDING PERMIT FEE $ 370.00 CERTIFICATION FEE $ 10.03 SURCHARGE FEE $ 10.03

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** 465.06

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.

Winsberg

465.06

clc# 3957

Columbia County Building Permit Application

For Office Use Only Application # 0708-31 Date Received 8/10/07 By [illegible] Permit # 26179

Application Approved by - Zoning Official BLK Date 28.08.07 Plans Examiner OK JH Date 8-14-07

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

Comments

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

Fax 752-2282

Name Authorized Person Signing Permit Linda or Melanie Roder Phone 752-2281

Address 387 SW Kemp Ct Lake City FL 32024

Owner's Name Michael + Erica Winsberg Phone 752-0771

911 Address 8635 SW State Rd 47 Lake City FL 32024

Contractor Name Nathan Petersen Phone 623-3307

Address 197 SW Waterford Ct Ste 207 Lake City FL 32025

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address Willmyers/ Mark Disosway

Mortgage Lender Name & Address Columbia Bank

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

Property ID Number 10-5S-16-03529-004 Estimated Cost of Construction 100K

Subdivision Name Lot Block Unit Phase

Driving Directions 47 S. about ½ mi past Columbia City, before Thrasher LN on R, Lot is on left

Type Construction Sfd Number of Existing Dwellings on Property 0

Total Acreage 2.01 Lot Size 2.01 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 75' Side 50' Side 1223" Rear 328-1"

Total Building Height 18'-4" Number of Stories 1 Heated Floor Area 1480 TOTAL 2005 Roof Pitch 7-12

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

OWNER'S 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 COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number CRC 1328397

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

Linda R. Roder
Commission #DD383773
Expires: Mar 24, 2010
Bonded Thru Atlantic Bonding Co., Inc.

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me this 27 day of July 20 07.

Personally known ✓ or Produced Identification

Notary Signature (Revised Sept. 2006)

Family Lot from 03529-000

Notice of Authorization

I Nate Petersen, do hereby authorize Linda Roder or Melanie Roder,

to be my representative and act on my behaf in all aspects of applying for any

building permit to be located in Columbia county.

Any homeowner and legal description

Contractor's signature

7/27/07
Date

Sworn and subscribed before me this 27 day of July 2007.

Notary Public

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

My commision expires: _____
Commision No. _____
Personally known ✓
Produced ID (Type): _____

AFFIDAVIT OF SUBDIVIDED REAL PROPERTY FOR USE OF IMMEDIATE FAMILY MEMBERS FOR PRIMARY RESIDENCE

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared.

Daniel + Kathy Winsberg the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and Michael Winsberg, the family member of the Owner, who is the owner of the family parcel which is intended for immediate family primary residence use, hereafter the Family Member, and is related to the Owner as son, and both individuals being first duly sworn according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.

2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 10-5S-16-03529-000

3. The Owner has divided his parent parcel for use of immediate family members for their primary residence and the parcel divided and the remaining parent parcel are at least ½ acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.

4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner's parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 10-5S-16-03529-004

5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.

6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.

7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

X Daniel Winsberg
Owner

X Michael Winsberg
Family Member

DANIEL WINSBERG
Typed or Printed Name

Michael Winsberg
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 25 day of August, 2007, by Dan Winsberg (Owner) who is personally known to me or has produced _____ as identification.

Linda R. Roder
Notary Public

Subscribed and sworn to (or affirmed) before me this 25 day of August, 2007, by Mike Winsberg (Family Member) who is personally known to me or has produced _____ as identification.

Linda R. Roder
Notary Public

Linda R. Roder
Commission #DD303279
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

~~070852~~
070831

Warranty Deed

THIS WARRANTY DEED made this 24th day of August A.D., 2007

Daniel and Kathy Winsberg

hereinafter called the grantor, to

Inst:200712019224 Date:8/24/2007 Time:10:04 AM
Doc Stamp-Deed:0.00
DC,P.DeWitt Cason ,Columbia County Page 1 of 2

Michael and Erica Winsberg

whose post office address is:8729 SW St.Road 47,Lake City, FL 32024

hereinafter called the grantee:

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

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

See Exhibit "A" attached hereto and by this reference made a part hereof.

The above described property does not constitute the homestead property of the grantor described herein.

Parcel I.D. Number:03529-004

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

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2006.

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

Signed, sealed and delivered in our presence:

Witness: Latrina Vaucher

Witness: Rose Ann Aiello

x Daniel Winsberg
Daniel Winsberg

Kathy Winsberg
Kathy Winsberg

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 24 day of August, 2007 by Nathan Peterson, a married person, personally known to me or, if not personally known to me, who produced Driver's License for identification and who did not take an oath.

ROSE ANN AIELLO
MY COMMISSION # DD501204
EXPIRES: February 17, 2009
Bonded Thru Notary Public Underwriters

Rose Ann Aiello
Notary Public

(Notary Seal)

Prepared by: Nathan Peterson

070831

Exhibit "A"

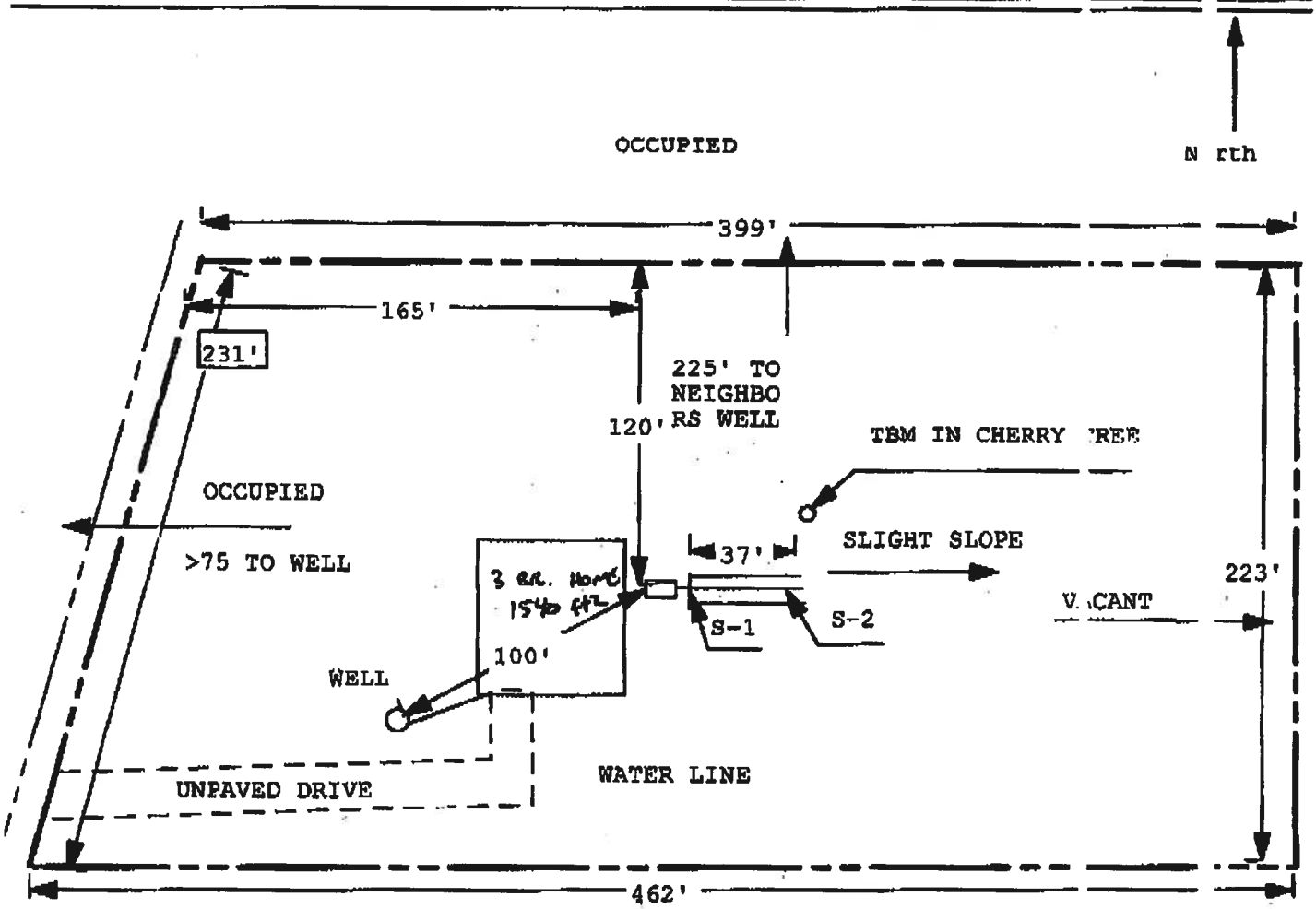
BEGIN AT THE SE CORNER OF THE SW 1/4 OF THE SE 1/4 OF SECTION 36, TOWNSHIP 4 SOUTH, RANGE 16 EAST, AND RUN NORTH 89°59'40" ALONG THE EAST LINE OF THE WEST 1/2 OF THE SE 1/4, A DISTANCE OF 1320.00 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 471; THENCE N00°39'21"E, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, 2013.39 FEET; THENCE N89°59'40"E, 2640.00 FEET TO THE EAST LINE OF THE WEST 1/2 OF THE SE 1/4; THENCE S00°39'21"W, ALONG SAID EAST LINE OF THE WEST 1/2 OF THE SE 1/4, 2013.39 FEET TO THE POINT OF BEGINNING CONTAINING 120 ACRES, MORE OR LESS.

08/26/2007 09:17 3867522282 LINDA RODER PAGE 03

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 07-0652

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



CR# 07-4083

1 inch = 60 feet

Site Plan Submitted By Paul Floyd Date 8/24/07

Plan Approved ✓ Not Approved ____ Date 8/14/7

By [signature] APPROVED Columbia CHD CPHU

Notes: _____

Columbia County, Florida
Building & Zoning Department

Number of pages including cover sheet 1

Date 24 Aug 07

To:
LINDA ROOER

Phone:

Fax: 752.2282

From:
Brian L. Kepner
County Planner

Phone: 386-758-1008
Fax: 386-758-2160

Remarks: ☐ Urgent ☐ For review ☐ ASAP ☐ Please comment

Still need Family Affidavit completed, Environmental Health, NOC and permit from DOT

FOR 0708-31 WINSBERG

Warranty Deed

THIS WARRANTY DEED made the 2ND day of August A.D., 2007

Daniel and Kathy Winsberg

hereinafter called the grantor, to

Inst:200712017491 Date:8/3/2007 Time:10:06 AM
Doc Stamp-Deed:0.70
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

Michael and Erica Winsberg

whose post office address is:8729 SW St.Road 47,Lake City, FL 32024

hereinafter called the grantee:

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

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

See Exhibit "A" attached hereto and by this reference made a part hereof.

The above described property does not constitute the homestead property of the grantor described herein.

Parcel I.D. Number:03529-004

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

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2006.

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

Signed, sealed and delivered in our presence:

Rose Ann Cecil
Witness:

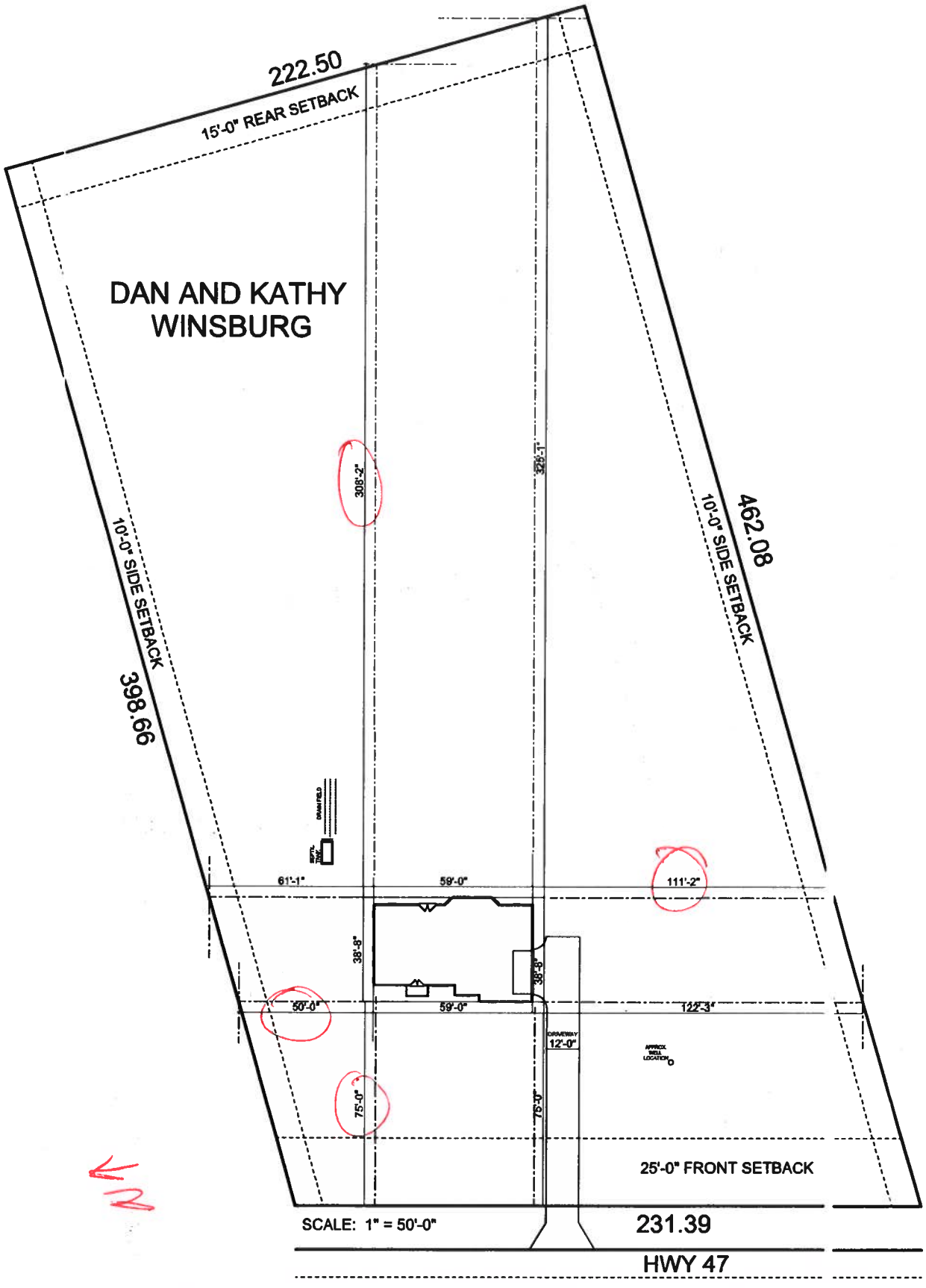
Daniel Winsberg
Daniel Winsberg

Theresa Davis
Witness:

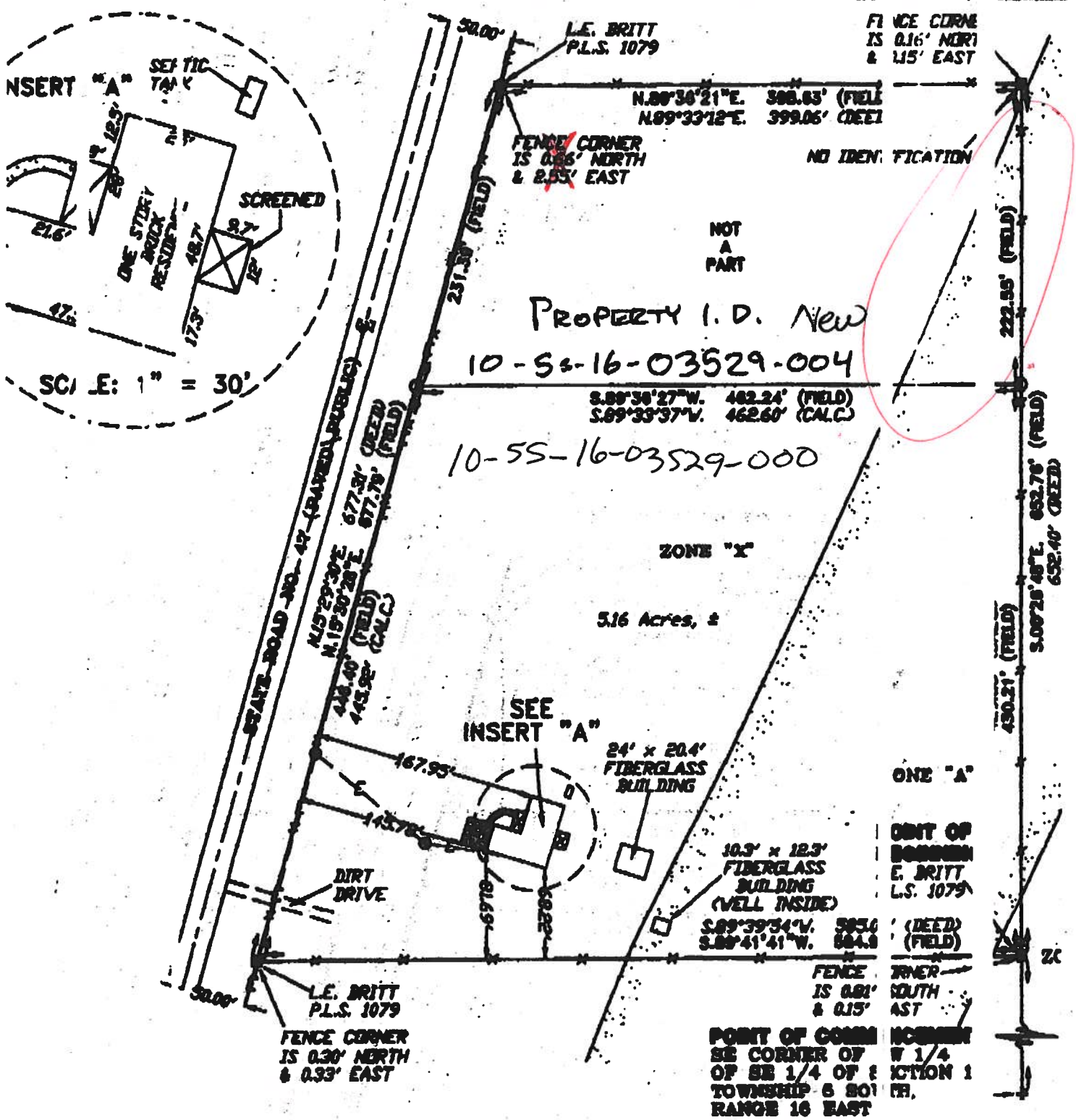
Kathy Winsberg
Kathy Winsberg

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 3 day of August, 2007 by Nathan Petersen, a married person, personally known to me or, if not personally known to me, who produced Driver's License for identification and who did not take an oath.


222.50
15'-0" REAR SETBACK
DAN AND KATHY
WINSBURG
462.08
10'-0" SIDE SETBACK
10'-0" SIDE SETBACK
398.66
308'-2"
326'-1"
DRAINFIELD
SEPTIC TANK
61'-1"
59'-0"
111'-2"
38'-8"
38'-8"
50'-0"
59'-0"
122'-3"
DRIVEWAY
12'-0"
APPROX WELL LOCATION
75'-0"
75'-0"
25'-0" FRONT SETBACK
SCALE: 1" = 50'-0"
231.39
HWY 47

Winsberg



CERTIFIED TO:

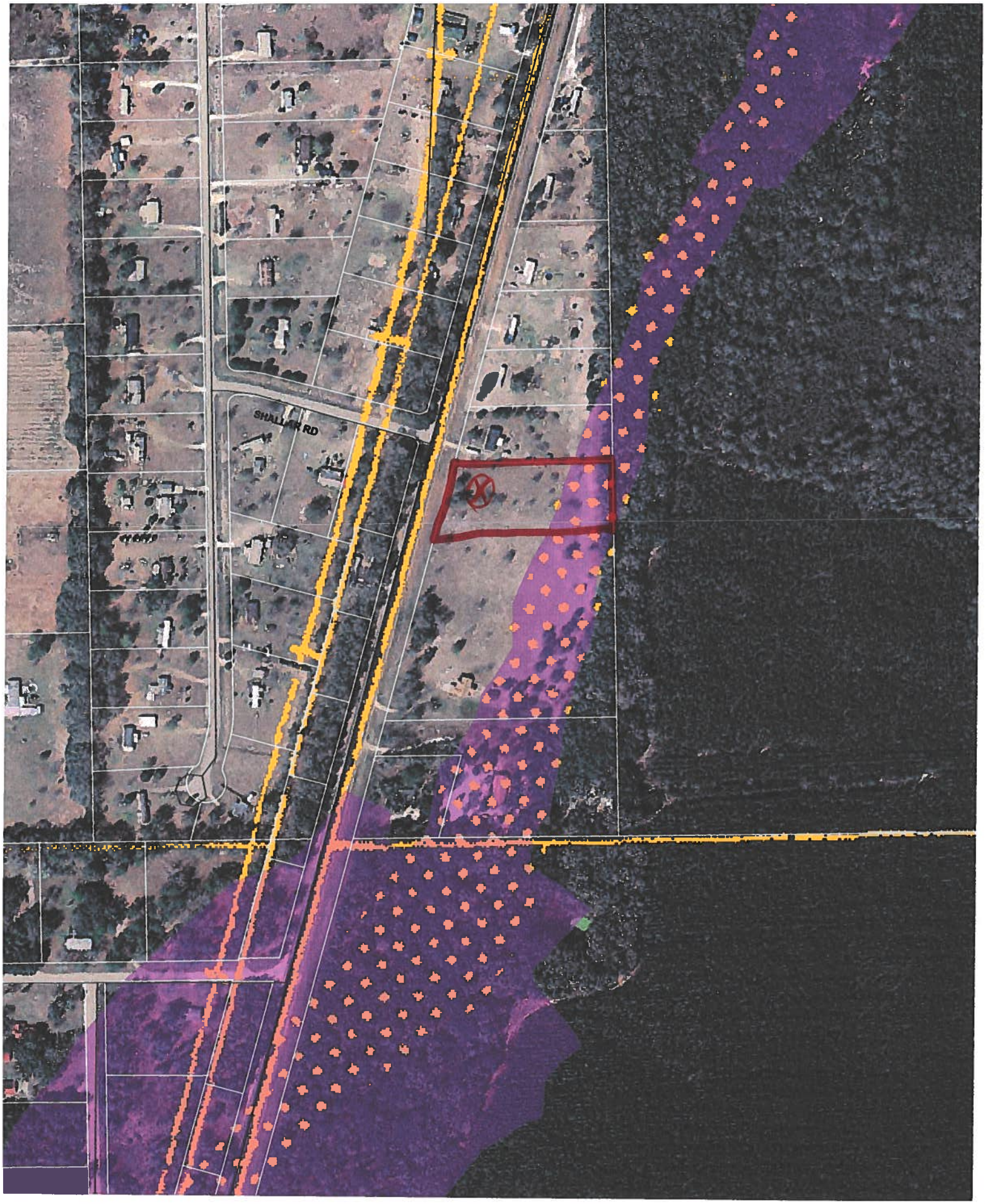
PETERSON CONSTRUCTION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ... TECHNICAL STANDARDS AS SET FORTH BY THE FLO... IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CO...

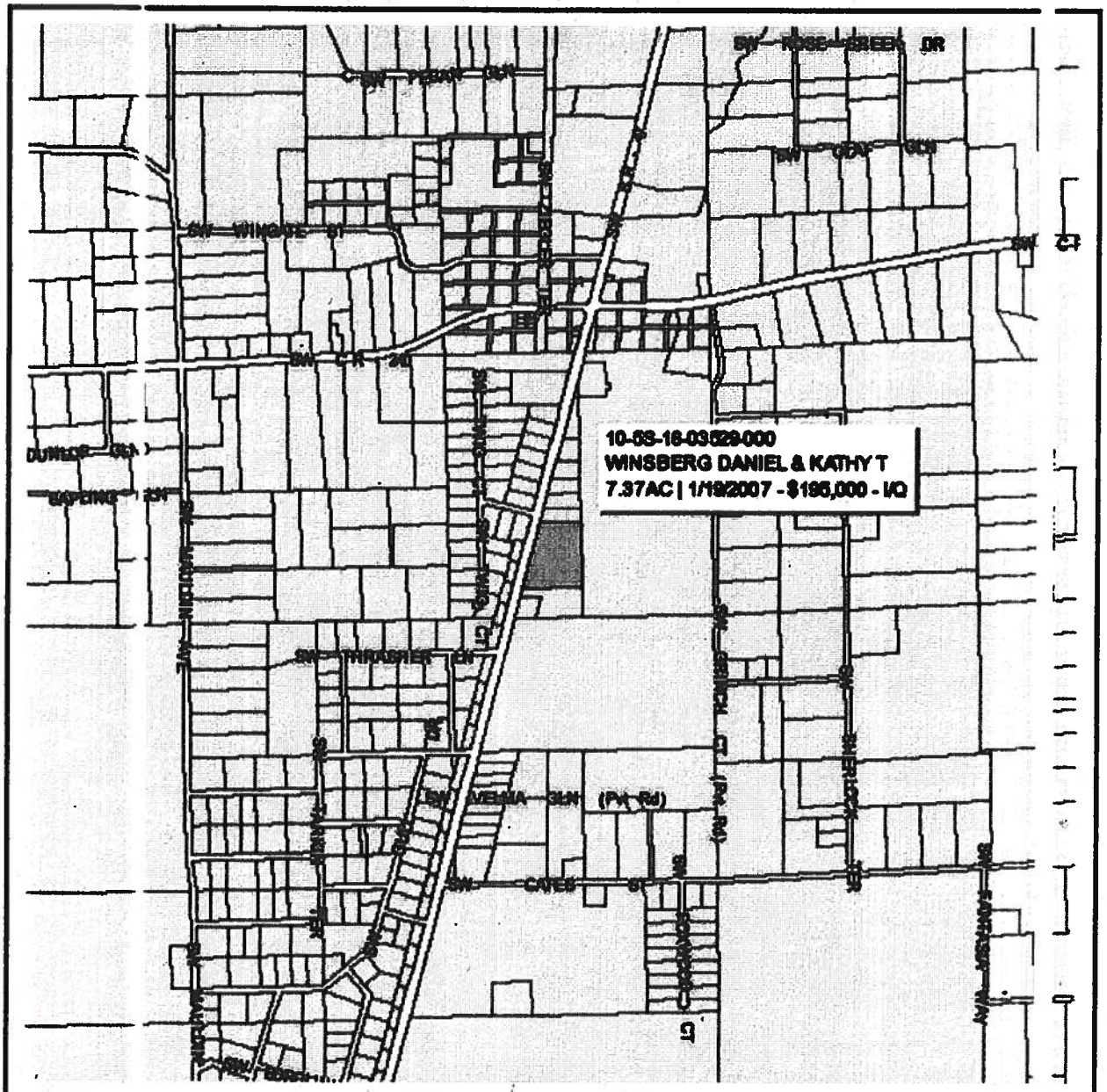
07/24/07
FIELD SURVEY DATE

07/31/07

FIELD BOOK: SEE PAGE(S): FILE



0708-31



Columbia County Property Appraiser

J. Dc /le Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 10-6S-16-03529-000 - SINGLE FAM (000100)

Name:	WINSBE RG DANIEL & KATHY T	LandVal	$46,431.00
Site:	SR 47	BldgVal	$93,522.00
Mail:	5623 SW SR 47	ApprVal	$142,491.00
	LAKE CI Y, FL 32024	JustVal	$142,491.00
Sales Info	1/19/200 $195,000.00 I / Q	Assd	$142,491.00
	10/3/200 $114,900.00 I / Q	Exmpt	$0.00
	11/1/199 $18,500.00V / Q	Taxable	$142,491.00

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	Daniel & Kathy Winsburg	Builder:	Nathan Peterson
Address:	Hwy 47	Permitting Office:	
City State:	Lake city, FL 32024-	Permit Number:	
Owner:	Winsburg Residence	Jurisdiction Number:	
Climate Zone:	North		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	1480 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description (Dble Default) Area 294.3 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 294.3 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=5.0, 188.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 909.7 ft²	
b	Frame, Wood, Adjacent	R=13.0, 318.0 ft²	
c	N/A		
d	N/A		
e	N/A		
10.	Ceiling types		
a	Under Attic	R=30.0, 1550.0 ft²	
b	N/A		
c	N/A		
11.	Ducts(Leak Free)		
a	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 45.0 ft	
b	N/A		

12.	Cooling systems	
a.	Central Unit	Cap: 39.0 kBtu/hr SEER: 13.00
b.	N/A	
c.	N/A	
13.	Heating systems	
a.	Electric Heat Pump	Cap: 39.0 kBtu/hr HSPF: 7.70
b.	N/A	
c.	N/A	
14.	Hot water systems	
a.	Electric Resistance	Cap: 50.0 gallons EF: 0.90
b.	N/A	
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT,

Glass/Floor Area: 0.20 Total as-built points: 20496 Total base points: 21300 **PASS**

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

PREPARED BY: _____

DATE: 7-18-07

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

OWNER/AGENT: _____

DATE: 7-25-07

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

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

BUILDING OFFICIAL: _____

DATE: _____

[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: Hwy 47, 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	1480.0		18.59	4952.0	1.Double, Clear	W	1.5	8.0	75.0	38.52	0.96	2768.0
					2.Double, Clear	SW	1.5	8.0	15.0	40.16	0.95	569.0
					3.Double, Clear	NW	1.5	8.0	15.0	25.97	0.96	375.0
					4.Double, Clear	W	1.5	8.0	40.0	38.52	0.96	1476.0
					5.Double, Clear	W	1.5	8.0	6.0	38.52	0.96	221.0
					6.Double, Clear	E	1.5	8.0	9.0	42.06	0.96	362.0
					7.Double, Clear	E	1.5	10.0	30.0	42.06	0.98	1234.0
					8.Double, Clear	E	5.5	10.0	33.3	42.06	0.69	972.0
					9.Double, Clear	E	1.5	8.0	30.0	42.06	0.96	1208.0
					10.Double, Clear	S	1.5	8.0	20.0	35.87	0.92	662.0
					11.Double, Clear	S	1.5	8.0	6.0	35.87	0.92	198.0
					12.Double, Clear	S	1.5	8.0	15.0	35.87	0.92	496.0
					As-Built Total:				294.3			10541.0

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	318.0	0.70	222.6	1. Frame, Wood, Exterior	13.0	909.7	1.50	1364.6
Exterior	909.7	1.70	1546.5	2. Frame, Wood, Adjacent	13.0	318.0	0.60	190.8
Base Total:	1227.7		1769.1	As-Built Total:		1227.7		1555.4

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	18.0	2.40	43.2	1.Adjacent Insulated	18.0	1.60	28.8
Exterior	0.0	0.00	0.0				
Base Total:	18.0		43.2	As-Built Total:	18.0		28.8

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X	SCM =	Points
Under Attic	1480.0	1.73	2560.4	1. Under Attic	30.0	1550.0	1.73 X	1.00	2681.5
Base Total:	1480.0		2560.4	As-Built Total:		1550.0			2681.5

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	188.0(p)	-37.0	-6956.0	1. Slab-On-Grade Edge Insulation	5.0	188.0(p	-36.20	-6805.6
Raised	0.0	0.00	0.0					
Base Total:			-6956.0	As-Built Total:		188.0		-6805.6

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Hwy 47, Lake city, FL, 32024- PERMIT #:

	BASE			AS-BUILT						
INFILTRATION	Area X	BSPM	= Points	Area X	SPM	= Points				
	1480.0	10.21	15110.8	1480.0	10.21	15110.8				
Summer Base Points:	17479.5			Summer As-Built Points:		23111.8				
Total Summer Points	X System Multiplier	= Cooling Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
				(sys 1: Central Unit 39000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)						
17479.5	0.3250	5680.8		23112 23111.8	1.00 1.00	(1.09 x 1.000 x 1.00) 1.090	0.260 0.260	0.950 0.950	6222.4 6222.4	

WINTER CALCULATIONS

Resi dential Whole Building Performance Method A - Details

ADDRESS: Hwy 47, Lake city, FL, 32024-	PERMIT #:

	BASE				AS-BUILT							
GL SS TYPES .18	Conditic ned Floor A ea	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	1480	0	20.17	5373.0	1.Double, Clear	W	1.5	8.0	75.0	20.73	1.01	1571.0
					2.Double, Clear	SW	1.5	8.0	15.0	16.74	1.03	258.0
					3.Double, Clear	NW	1.5	8.0	15.0	24.30	1.00	364.0
					4.Double, Clear	W	1.5	8.0	40.0	20.73	1.01	838.0
					5.Double, Clear	W	1.5	8.0	6.0	20.73	1.01	125.0
					6.Double, Clear	E	1.5	8.0	9.0	18.79	1.02	172.0
					7.Double, Clear	E	1.5	10.0	30.0	18.79	1.01	570.0
					8.Double, Clear	E	5.5	10.0	33.3	18.79	1.14	713.0
					9.Double, Clear	E	1.5	8.0	30.0	18.79	1.02	574.0
					10.Double, Clear	S	1.5	8.0	20.0	13.30	1.04	276.0
					11.Double, Clear	S	1.5	8.0	6.0	13.30	1.04	83.0
					12.Double, Clear	S	1.5	8.0	15.0	13.30	1.04	207.0
					As-Built Total:				294.3			5751.0

WA LL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adj cent	318.0	3.60	1144.8	1. Frame, Wood, Exterior	13.0	909.7	3.40	3093.0
Ext ior	909.7	3.70	3365.9	2. Frame, Wood, Adjacent	13.0	318.0	3.30	1049.4
Ba Total:	1227.7		4510.7	As-Built Total:		1227.7		4142.4

DO OR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adj cent	18.0	11.50	207.0	1.Adjacent Insulated	18.0	8.00	144.0
Ex rior	0.0	0.00	0.0				
Ba Total:	18.0		207.0	As-Built Total:	18.0		144.0

CI LING TYP ES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Un er Attic	1480.0	2.05	3034.0	1. Under Attic	30.0	1550.0	2.05 X	1.00	3177.5
Ba Total:	1480.0		3034.0	As-Built Total:		1550.0			3177.5

FL OOR TYPE S	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Sl	188.0(p)	8.9	1673.2	1. Slab-On-Grade Edge Insulation	5.0	188.0(p	7.60	1428.8
Re ed	0.0	0.00	0.0					
Ba Total:			1673.2	As-Built Total:		188.0		1428.8

WINTER CALCULATIONS

Resi dential Whole Building Performance Method A - Details

ADDRESS:	Hwy 47, Lake city, FL, 32024-
PERMIT #:	

	BASE			AS-BUILT						
INF	.TRATION	Area X	BWPM =	Points				Area X	WPM =	Points
		1480.0	-0.59	-873.2				1480.0	-0.59	-873.2
Wi	ter Base	Points:		13924.7	Winter As-Built Points:					13770.5
Tot	Winter X oints	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 39000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Gar(AH),R6.0					
	3924.7	0.5540		7714.3	13770.5	1.000	(1.069 x 1.000 x 1.00)	0.443	0.950	6193.2
					13770.5	1.00	1.069	0.443	0.950	6193.2

WAT ER HEATING & CODE COMPLIANCE STATUS

Resi dential Whole Building Performance Method A - Details

ODRESS: I lwy 47, Lake city, FL, 32024-	PERMIT #:

	BASE			AS-BUILT						
WA ER HEATI IG										
Nu ıber of Be lrooms	:	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	1.00	2693.56	1.00	8080.7
				As-Built Total:						8080.7

CODE COMPLIANCE STATUS

	BASE				AS-BUILT			
C oling + I ints	Heating Points	+ Hot Water Points	= Total Points		Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
5 81	7714	7905	21300		6222	6193	8081	20496

PASS

Code Compliance Checklist

Resi dential Whole Building Performance Method A - Details

/)DRESS: I wy 47, Lake city, FL, 32024-	PERMIT #:

6A :1 INFILTR ATION REDUCTION COMPLIANCE CHECKLIST

CO PONENTS		SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Ext or Windows &	Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Ext or & Adjacen	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.	
Flo s		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.	
Cei igs		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.	
Re essed 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.	
Mu -story House		606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Ad ional Infiltrati	n 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.)

CC IPONENTS		SECTION	REQUIREMENTS	CHECK
W er 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.	
Sv nming 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%.	
Sh wer heads		612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Ai Distribution S	stems	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.	
H\ AC Controls		607.1	Separate readily accessible manual or automatic thermostat for each system.	
In ilation		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* = 85.1

The higher the score, the more efficient the home.

Winsburg Residence, Hwy 47, Lake city, FL, 32024-

1.	ew constructi n or existing	New	__
2.	ingle family o multi-family	Single family	__
3.	umber of unit , if multi-family	1	__
4.	umber of Bec ooms	3	__
5.	this a worst (ase?	No	__
6.	onditioned fl(r area (ft²)	1480 ft²	__
7.	ilass type[1] an area: (Label reqd. by 13-104.4.5 if not default)		
a.	-factor:	Description Area	
	or Single or I ouble DEFAULT)	7a. (Dble Default) 294.3 ft²	__
b.	HGC:		
	(or Clear or T nt DEFAULT)	7b. (Clear) 294.3 ft²	__
8.	loor types		
a.	lab-On-Grade Edge Insulation	R=5.0, 188.0(p) ft	__
b.	I/A		__
c.	I/A		__
9.	Vall types		
a.	rame, Wood, xterior	R=13.0, 909.7 ft²	__
b.	rame, Wood, \djacent	R=13.0, 318.0 ft²	__
c.	I/A		__
d.	I/A		__
e.	I/A		__
10.	eiling types		
a.	Jnder Attic	R=30.0, 1550.0 ft²	__
b	I/A		__
c	I/A		__
11.	Ducts(Leak Fr e)		
a	Sup: Unc. Re Unc. AH: Garage	Sup. R=6.0, 45.0 ft	__
b	I/A		__

12.	Cooling systems	
a.	Central Unit	Cap: 39.0 kBtu/hr __ SEER: 13.00 __
b.	N/A	__
c.	N/A	__
13.	Heating systems	
a.	Electric Heat Pump	Cap: 39.0 kBtu/hr __ HSPF: 7.70 __
b.	N/A	__
c.	N/A	__
14.	Hot water systems	
a.	Electric Resistance	Cap: 50.0 gallons __ EF: 0.90 __
b.	N/A	__
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	__
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, __

I ce ify that this ome has complied with the Florida Energy Efficiency Code For Building Co truction thr ugh the above energy saving features which will be installed (or exceeded) in t is home bef re final inspection. Otherwise, a new EPL Display Card will be completed bas d on installe l Code compliant features.

Bu ilder Signatur :: _____ Date: _____

Ad ress of New Home: _____ City/FL Zip: _____

*N TE: The ho e's estimated energy performance score is only available through the FLA/RES computer progr m. Th is not a Bu ding Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), yo home may ualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Cc tact the Ene gy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for in rmation anc a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Cc struction, c ntact the Department of Community Affairs at 850/487-1824.

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

Energy Code Compliance

Duct System Performance Report

Pro ct Name:	Daniel & Kathy Winsburg	Builder:	Nathan Peterson
Adc ess:	Hwy 47	Permitting Office:	
City State:	Lake city, FL 32024-	Permit Number:	
Ow er:	Winsburg Residence	Jurisdiction Number:	
Clin ate 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: _____

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4" & 6" WELLS

[redacted]

DONALD AND MARY HALL
OWNERS

PHONE ( ) 755-
FAX ( ) 755-
[redacted]
LAKE CITY, [redacted]
904 NW Main Blvd.

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

If you have any questions please feel free to call our office anytime.

Thank you,

Donald D. Hall
DDH/jk

~~070852~~
070831

Warranty Deed

THIS WARRANTY DEED made this 24th day of August A.D., 2007

Daniel and Kathy Winsberg

hereinafter called the grantor, to

Inst:200712018224 Date:8/24/2007 Time:10:04 AM
Doc Stamp-Deed:0.00
DC,P.DeWitt Cason ,Columbia County Page 1 of 2

Michael and Erica Winsberg

whose post office address is:8729 SW St.Road 47,Lake City, FL 32024

hereinafter called the grantee:

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

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

See Exhibit "A" attached hereto and by this reference made a part hereof.

The above described property does not constitute the homestead property of the grantor described herein.

Parcel I.D. Number:05329-004

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

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

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2006.

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

Signed, sealed and delivered in our presence:

Witness: Latisha Vecchio

Witness: Rose Ann Aiello

x Daniel Winsberg
Daniel Winsberg

Kathy Winsberg
Kathy Winsberg

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 24 day of August, 2007 by Nathan Paterson, a married person, personally known to me or, if not personally known to me, who produced Driver's License for identification and who did not take an oath.

ROSE ANN AIELLO
MY COMMISSION # DD397594
EXPIRES: February 17, 2009
Bonded Thru Notary Public Underwriters

Rose Ann Aiello
Notary Public

(Notary Seal)

Prepared by: Nathan Paterson

~~070652~~

070831

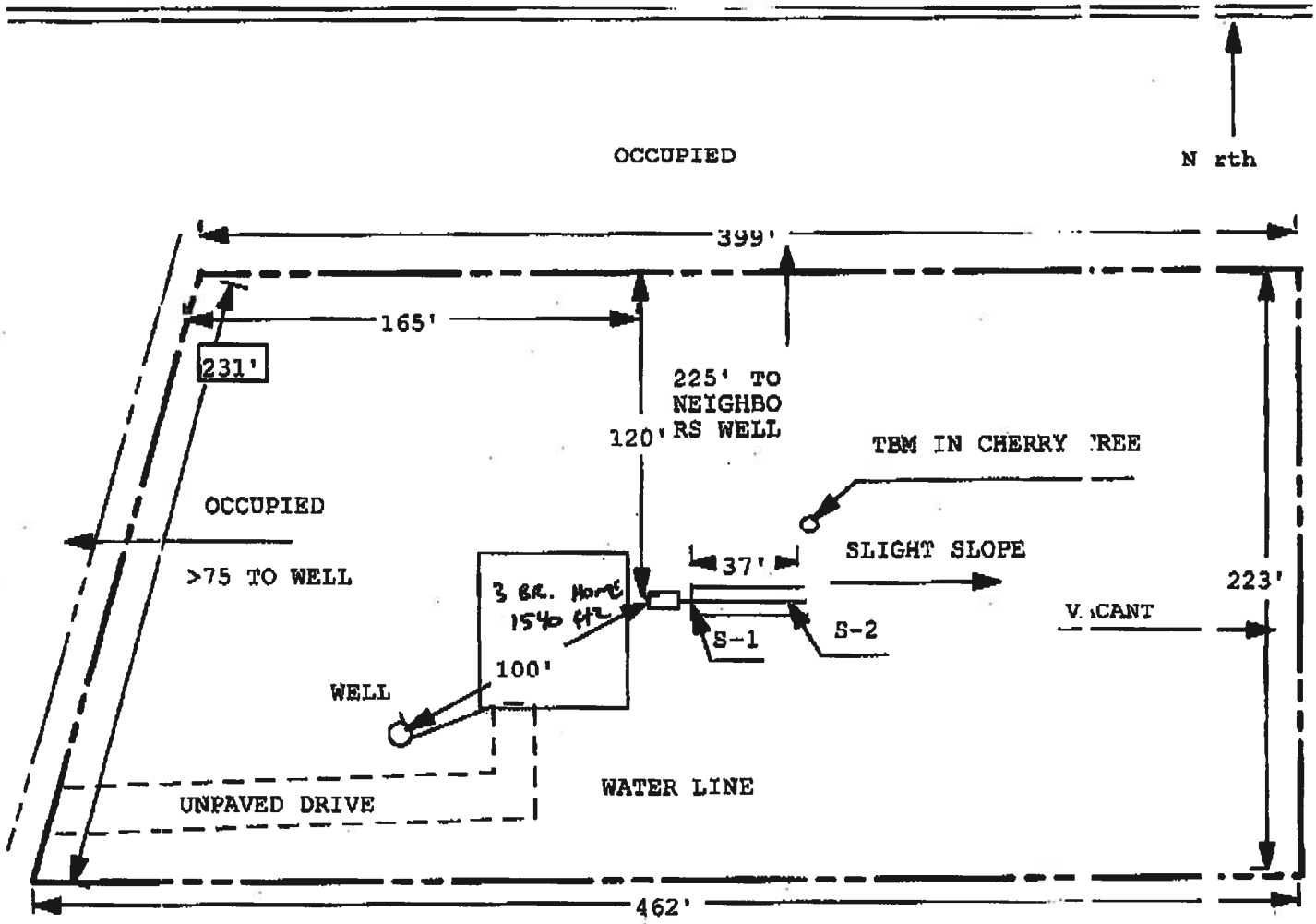
Exhibit "A"

BEGIN AT THE SE CORNER OF THE SW 1/4 OF THE SE 1/4 OF SECTION 18, TOWNSHIP 3 SOUTH, RANGE 16 EAST, AND RUN NORTH 00°37'W, ALONG THE EAST LINE OF THE WEST 1/2 OF THE SE 1/4, A DISTANCE OF 2662.0 FEET TO THE POINT OF BEGINNING; THENCE S.89°33'W., 467.0 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 47; THENCE N.00°33'W., ALONG SAID EASTERLY RIGHT-OF-WAY, 208.39 FEET; THENCE N.89°33'E., 467.0 FEET TO A POINT ON THE EAST LINE OF THE WEST 1/2 OF THE SE 1/4 OF THE SE 1/4; THENCE S.00°37'E., ALONG SAID EAST LINE OF THE WEST 1/2 OF THE SE 1/4 OF THE SE 1/4, A DISTANCE OF 208.39 FEET TO THE POINT OF BEGINNING. CONTAINING 2.00 ACRES, MORE OR LESS.

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 07-0652

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



CR# 07-4083

1 inch = 60 fee

Site Plan Submitted By Paul Floyd Date 8/7/07

Plan Approved ✓ Not Approved ____ Date 8/14/07

By [signature] APPROVED Columbia CHD CPHU

Notes: ____

070831

COLUMBIA COUNTY, FLORIDA
LAND DEVELOPMENT REGULATION ADMINISTRATOR
SPECIAL FAMILY LOT PERMIT APPLICATION

A special family lot permit may be issued by the Land Development Regulation Administrator on land zoned Agricultural or Environmentally Sensitive Area within these land development regulations, for the purpose of conveying a lot or parcel to an individual who is the parent, grandparent, sibling, child or adopted child or grandchild of the person who conveyed the parcel to said individual, not to exceed two (2) dwelling units per one (1) acre and the lot complies with all other conditions from permitting development as set forth in these land development regulations. This provision is intended to promote the perpetuation of the family homestead in rural areas by making it possible for family members to reside on lots, which exceed maximum density for such areas, provided that the lot complies with the following conditions for permitting:

1. The division of lots shall be by recorded separate deed and meet all other applicable land development regulations; and
2. The lot split or subdivision is for the establishment of a homestead of that relative and the lot so conveyed is at least one-half (1/2) acre in size and the remaining lot is at least one-half (1/2) acre in size; and
3. The family lot permit shall only be issued once for each relative of the parent tract owner. However, for purposes of this provision, if a lot is permitted under this provision to a daughter, for example, and was to be returned to the ownership of the owner of the parent tract, then the original use of this provision to provide the lot to the daughter shall not be counted as one of the one permitted per relative.
4. The lot complies with all other conditions for permitting and development as set forth in these land development regulations.

---

1. Name of Recipient Relative (Applicant) Michael & Erica Winsberg
   Address 8729 SW St Rd 47 City Lake City Zip Code 32024
   Phone (386) 752-0771
2. Name of Title Holder(s) Daniel & Kathy Winsberg
   Address 5623 SW St Rd 47 City Lake City FL Zip Code 32024
   Phone (386) 758-9067
3. Recipient's Relationship to Title Holder Son
4. Size of Property 2.01 acres
5. Tax Parcel ID# 10-55-16-03529-004 (Attach a Copy of the Deed)

No permit will be issued unless the deed is properly recorded in the Clerk of the Courts Office.

I (we) hereby certify that all of the above statements and the statements contained in any papers or plans submitted herewith are true and correct to the best of my (our) knowledge and belief.

Applicants Name (Print or Type) Michael and Erica Winsberg

X Michael and Erica Winsberg 8/13/07
Applicant Signature Date

OFFICIAL USE

Current Land Use Classification _____ Current Zoning District _____

_____ Approved _____ Denial – Reason _____

Oct 07 04 08:38a

Prepared by & return to:
Linda Roder
387 SW Kenapt
Lake City FL 32024

07083 P.1

NOTICE OF COMMENCEMENT

PERMIT # _____
Tax Folio/Parcel ID _____
State: Florida
County: 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 the notice of commencement.

1. Description of property (legal description of property, lot, block and street address if available):
8635 SW State Road 47 Lake City FL 32024
10-3S-16-03529-004

2. General description of improvement: Single family dwelling

   a. Owner Name: Michael & Erica Winsberg
   Owner Address: 8729 SW 57 Rd 47 Lake City FL 32024
   b. Interest in property: _____
   c. Name and address of fee simple title holder (if other than owner): NA

3. Contractor: (Qualifier name & address) Nate Petersen
197 SW Waterford Ct Ste 207 Lake City FL 32025

4. Surety: Name and address: NA Amount of bond $ _____

5. Lender (name & address) NA

6. 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 & address): NA

7. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (name & address) NA

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

X Michael Winsberg
Signature of owner

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 13 day of August 2007
by _____ who is personally known to me or who has produced _____ as identification.

Linda Roder
Notary Public

(SEAL)

Inst:200712018658 Date:8/16/2007 Time:3:59 PM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

P-1203

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

Page 2 of 2
Columbia Co. Building Department, Access Notice
RE: Michael Winsberg property
SR-47 South (of Col. City)

If further information is required on this project please do not hesitate to contact this office for additional access permitting information details. My office number is 961-7193 or 961-7180.

Sincerely,

Neil Miles
Access Permits Coordinator
It's great to have folks like you to work with, thanks again for your assistance!

Prepared by & return to:
Linda Roder
387 SW Kemplt
Lake City FL 32024

NOTICE OF COMMENCEMENT

PERMIT # _____
Tax Folio/Parcel ID _____
State: Florida
County: Columbia

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statues, the following information is provided in the notice of commencement.

1. Description of property (legal description of property, lot, block and street address if available):
8635 SW State Road 47 Lake City FL 32024
10-55-16-03529-004

2. General description of improvement: Single family dwelling

   a. Owner Name: Michael & Erica Winsberg
      Owner Address: 8729 SW State Rd 47 Lake City FL 32024
   b. Interest in property: _____
   c. Name and address of fee simple title holder (if other than owner): NA

3. Contractor: (Qualifier name & address) Nate Petersen
197 SW Waterford Ct Ste. 207 Lake City FL 32025

4. Surety: Name and address: NA Amount of bond $ _____

5. Lender (name & address) NA

6. 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 & address): NA

7. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (name & address) NA

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

X Michael Winsberg
Signature of owner

STATE OF FLORIDA
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 13 day of August 2007 by _____ who is personally know to me or who has produced _____ as identification.

Linda Roder
Notary Public

(SEAL)

Inst:200712018658 Date:8/16/2007 Time:3:59 PM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

P 1203

Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

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:1T8T8228Z0106133308

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-195--Petersen Construction WINSBURG -- , **
Truss Count:	31
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.36.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 07/06/2007

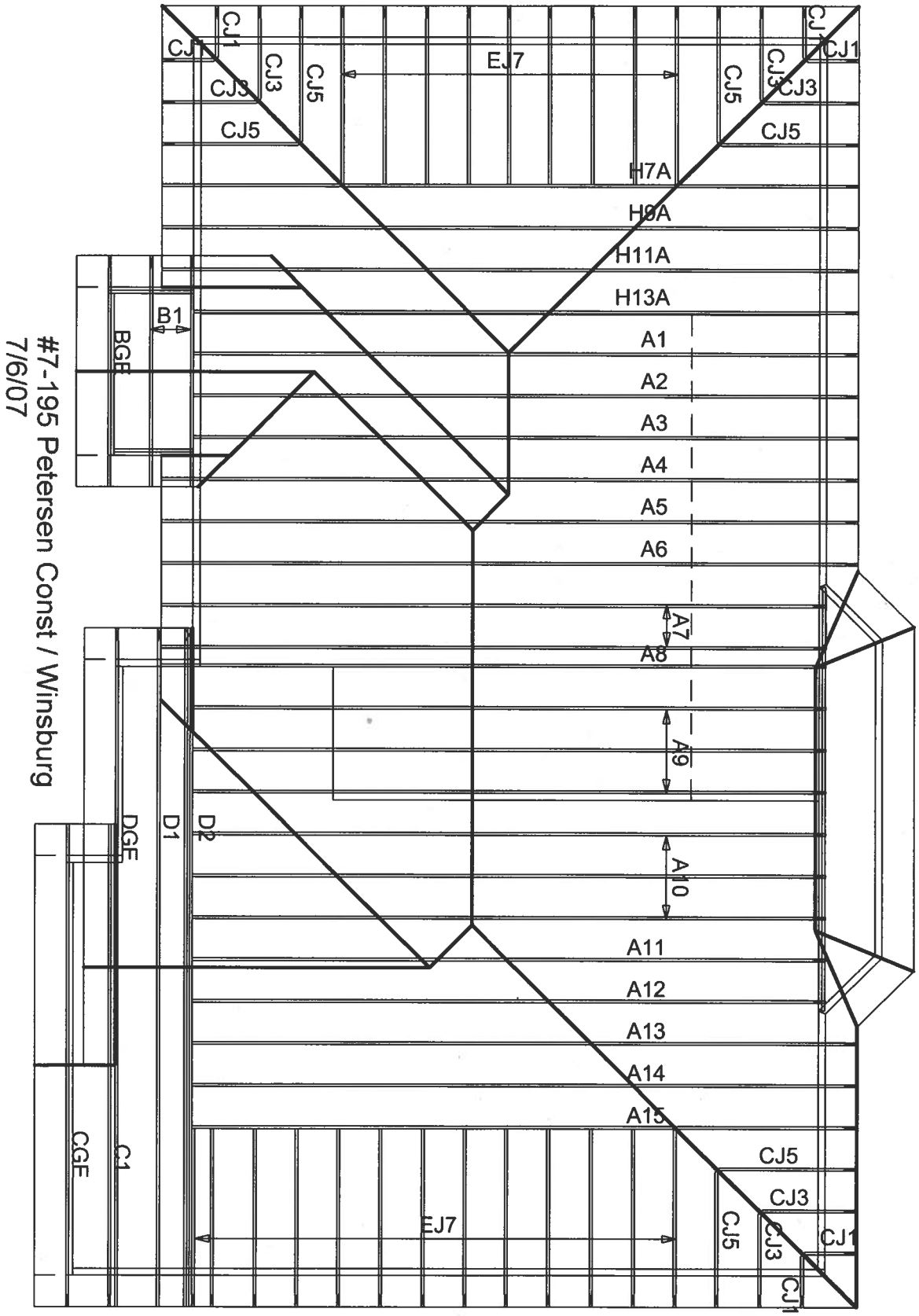
-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Notes:

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

Details: A11015EE-GBLLETIN-BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	32449	B1	07187001	07/06/07
2	32450	BGE	07187002	07/06/07
3	32451	C1	07187003	07/06/07
4	32452	CGE	07187030	07/06/07
5	32453	D1	07187006	07/06/07
6	32454	D2	07187031	07/06/07
7	32455	DGE	07187026	07/06/07
8	32456	EJ7	07187007	07/06/07
9	32457	CJ1	07187008	07/06/07
10	32458	T24	07187027	07/06/07
11	32459	CJ3	07187004	07/06/07
12	32460	CJ5	07187005	07/06/07
13	32461	H7A	07187028	07/06/07
14	32462	A15	07187029	07/06/07
15	32463	H9A	07187009	07/06/07
16	32464	H11A	07187010	07/06/07
17	32465	H13A	07187011	07/06/07
18	32466	A1	07187012	07/06/07
19	32467	A2	07187013	07/06/07
20	32468	A3	07187014	07/06/07
21	32469	A4	07187015	07/06/07
22	32470	A5	07187016	07/06/07
23	32471	A6	07187017	07/06/07
24	32472	A7	07187018	07/06/07
25	32473	A8	07187019	07/06/07
26	32474	A9	07187020	07/06/07
27	32475	A10	07187021	07/06/07
28	32476	A11	07187022	07/06/07
29	32477	A12	07187023	07/06/07
30	32478	A13	07187024	07/06/07
31	32479	A14	07187025	07/06/07



JOB DESCRIPTION:: Petersen Construction
/: WINSBURG

JOB NO: 7-195

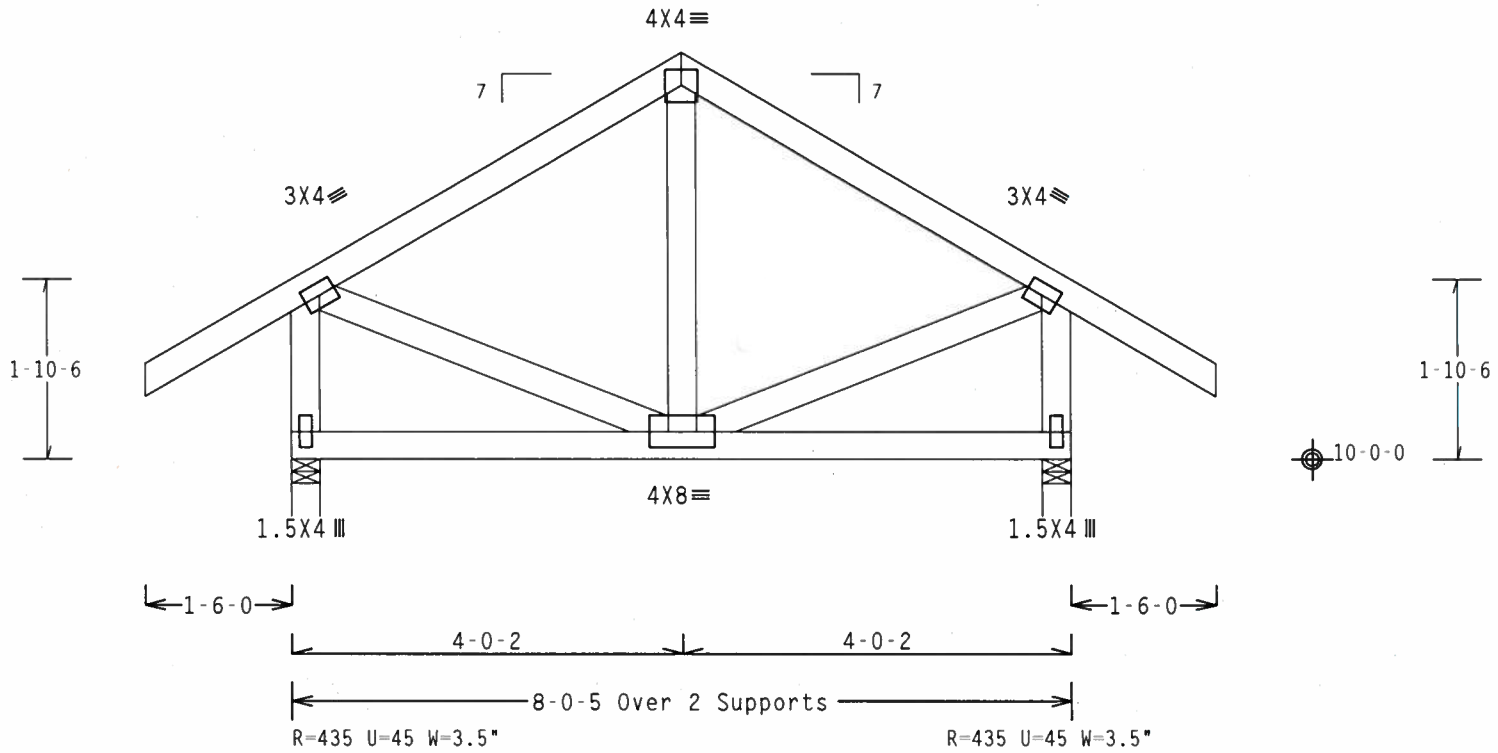
PAGE NO: 1 OF 1

(7 195 Petersen Construction WINSBURG , ** B1)

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

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.10 QTY: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.

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

JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06,07

TC LL	20.0 PSF	REF R8228- 32449
TC DL	10.0 PSF	DATE 07/06/07
BC DL	10.0 PSF	DRW HCUSR8228 07187001
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 25883
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8T8228Z01

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

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

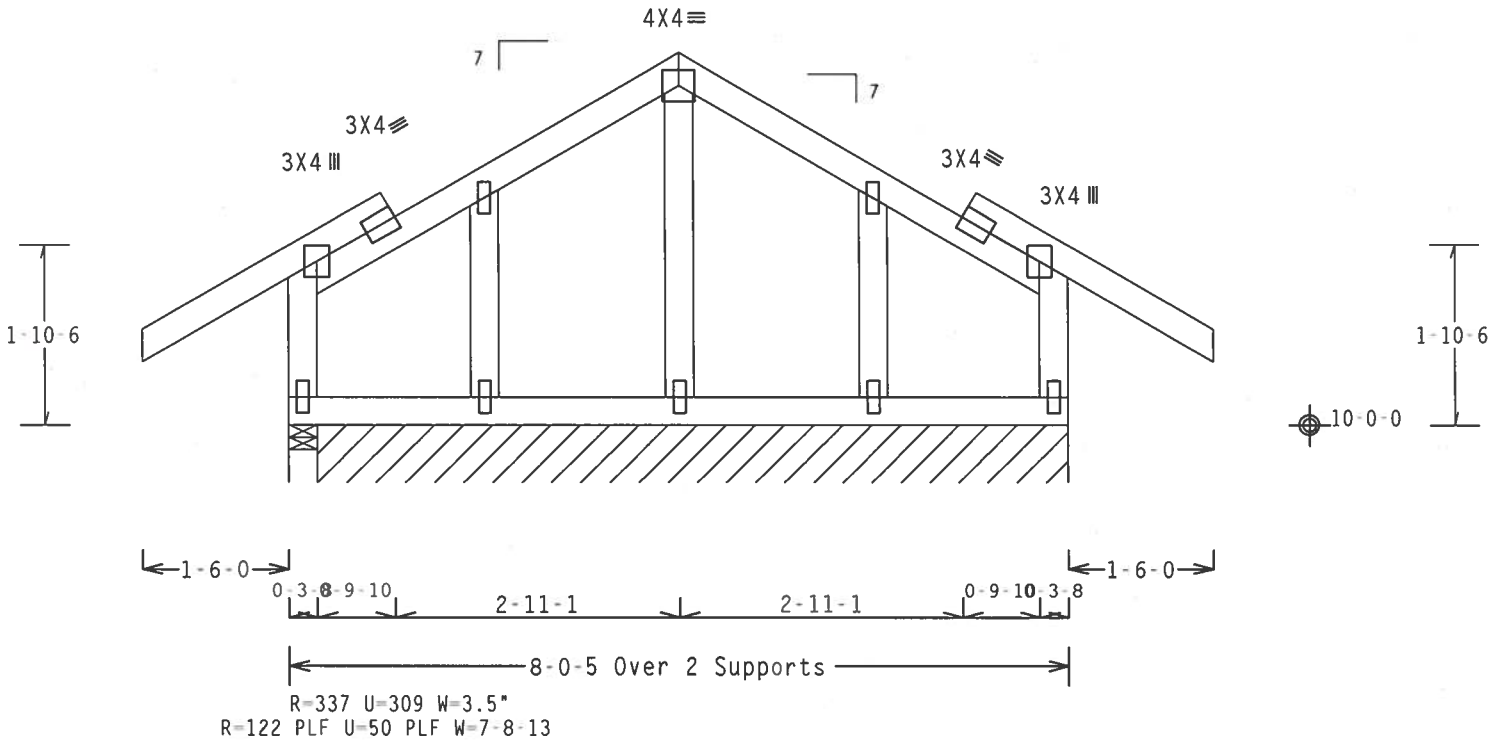
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

Fasten rated sheathing to one face of this frame.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.13 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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JAMES F. COLLINS JR LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 0

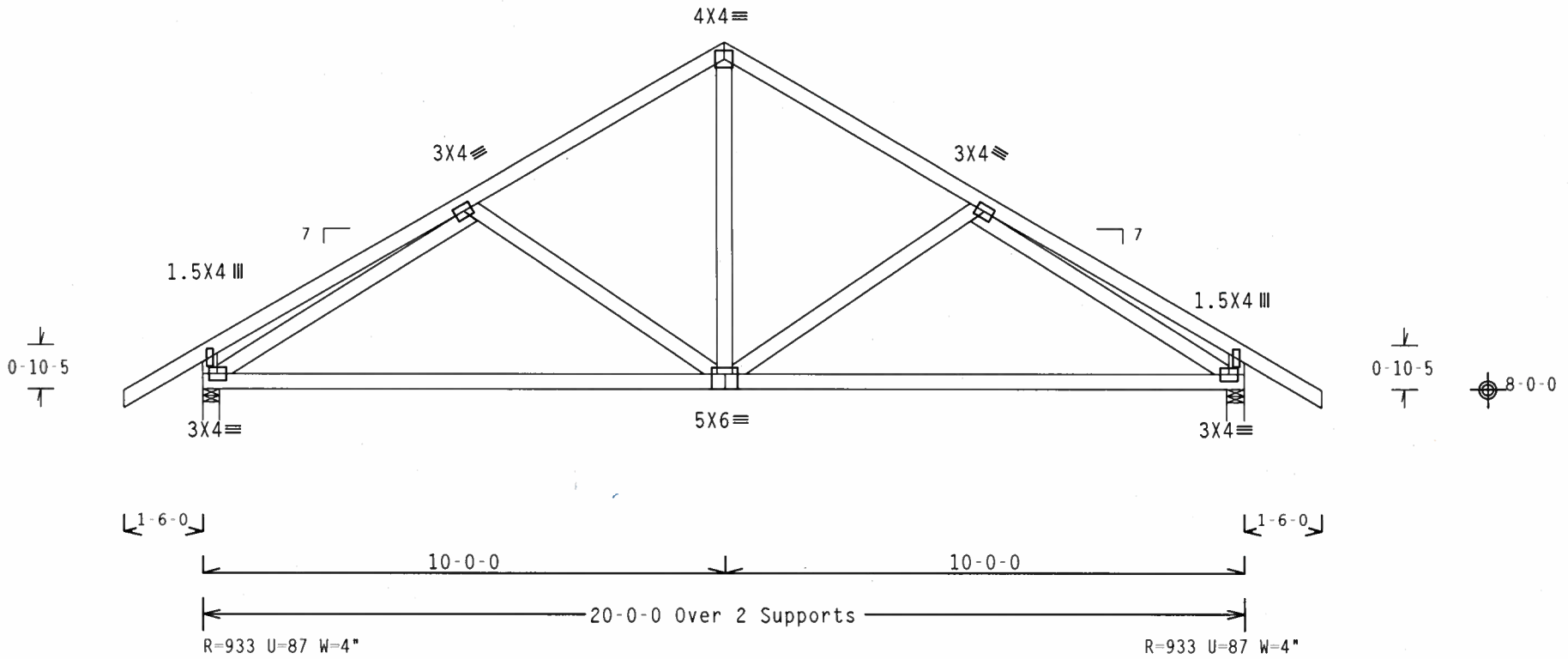
TC LL	20.0 PSF	REF	R8228- 32450
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187002
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	25891
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

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

Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32451
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187003
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	25910
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - CGE)

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

Wind reactions based on MWFRS pressures.

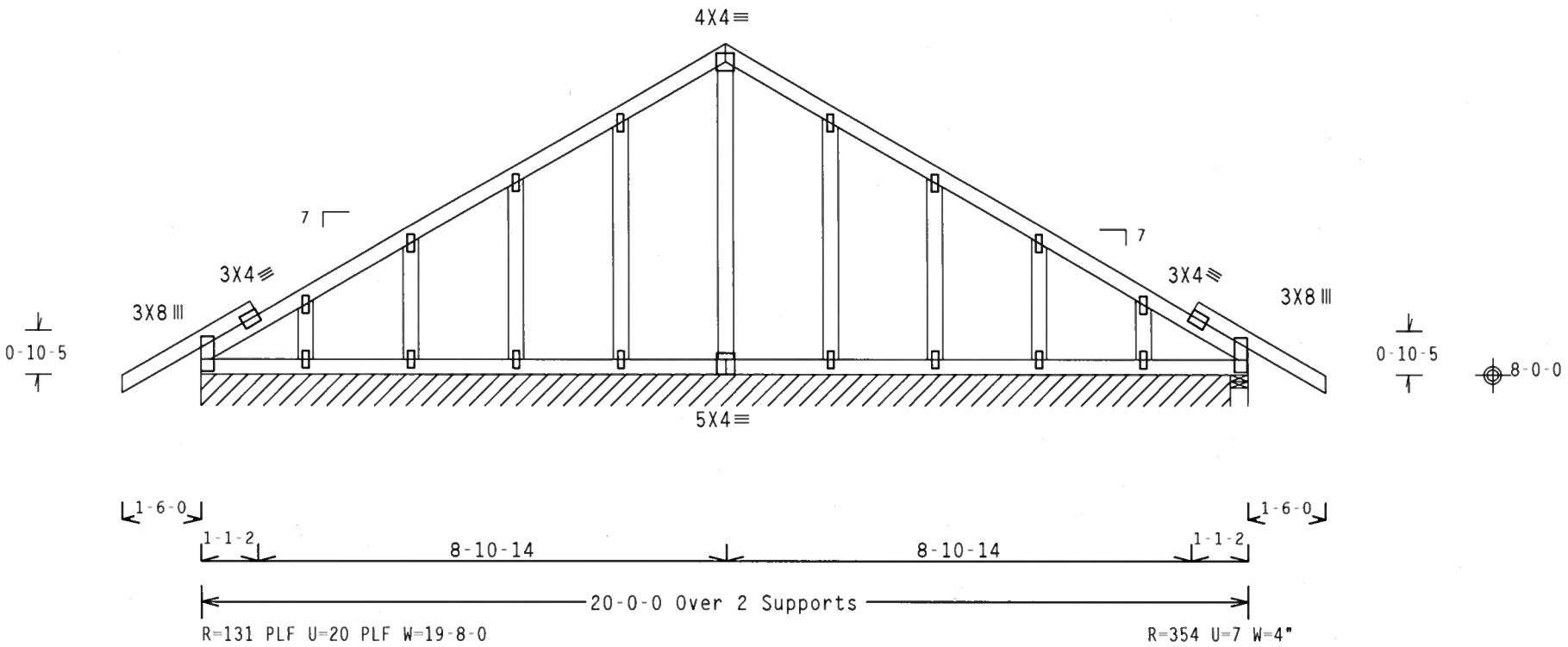
Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR LICENSE No 52214 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32452
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187030
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	25906
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - D1)

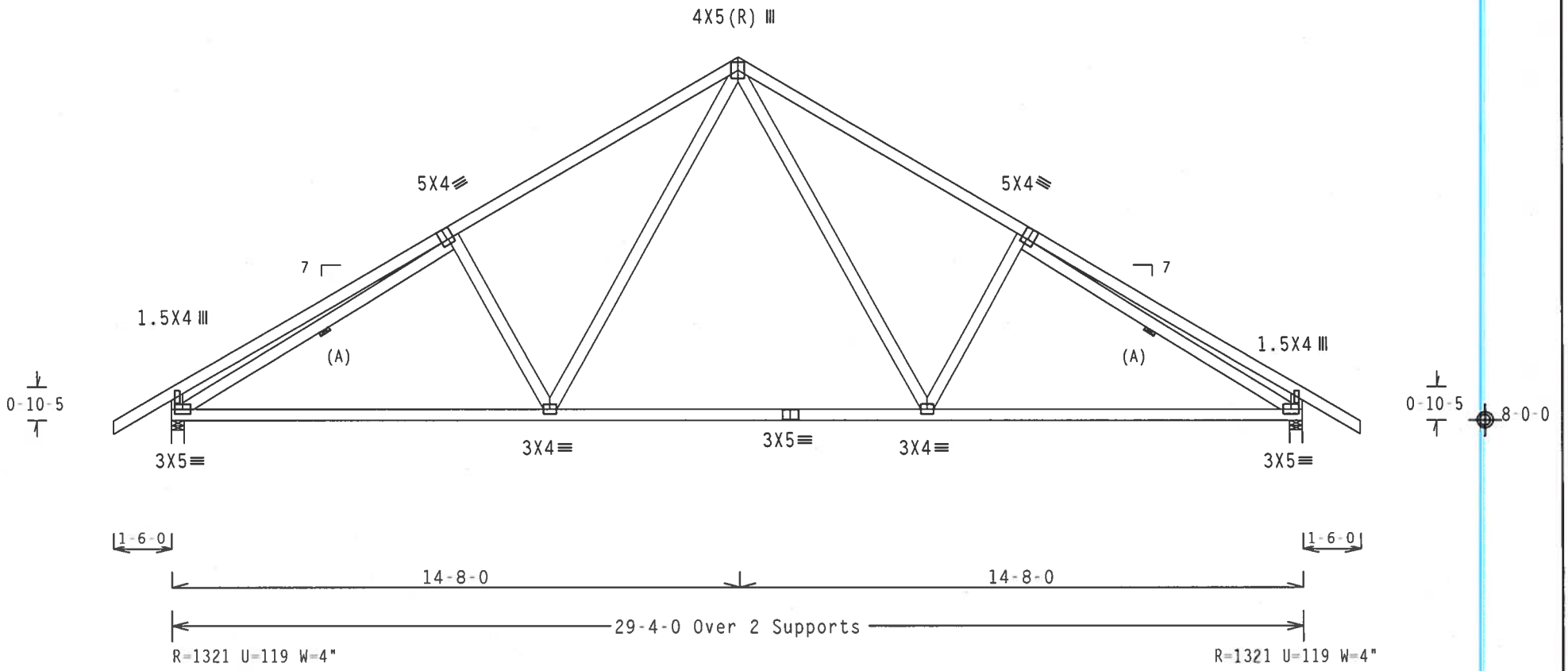
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424 1

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

ALPINE

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

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

Ju[illegible]

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

REF	R8228- 32453
DATE	07/06/07
DRW	HCUSR8228 07187006
	HC-ENG JB/AP
SEQN-	25918
JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - D2)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B2 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.556'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.556'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 63 PLF at -1.50 to 63 PLF at 14.67
TC - From 63 PLF at 14.67 to 63 PLF at 30.83
BC - From 5 PLF at -1.50 to 5 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 29.33
BC - From 5 PLF at 29.33 to 5 PLF at 30.83
BC - 1248 LB Conc. Load at 2.27, 4.27, 6.27, 8.27, 10.27 12.27, 14.27, 16.27
BC - 1245 LB Conc. Load at 18.27, 20.27
BC - 2675 LB Conc. Load at 22.27

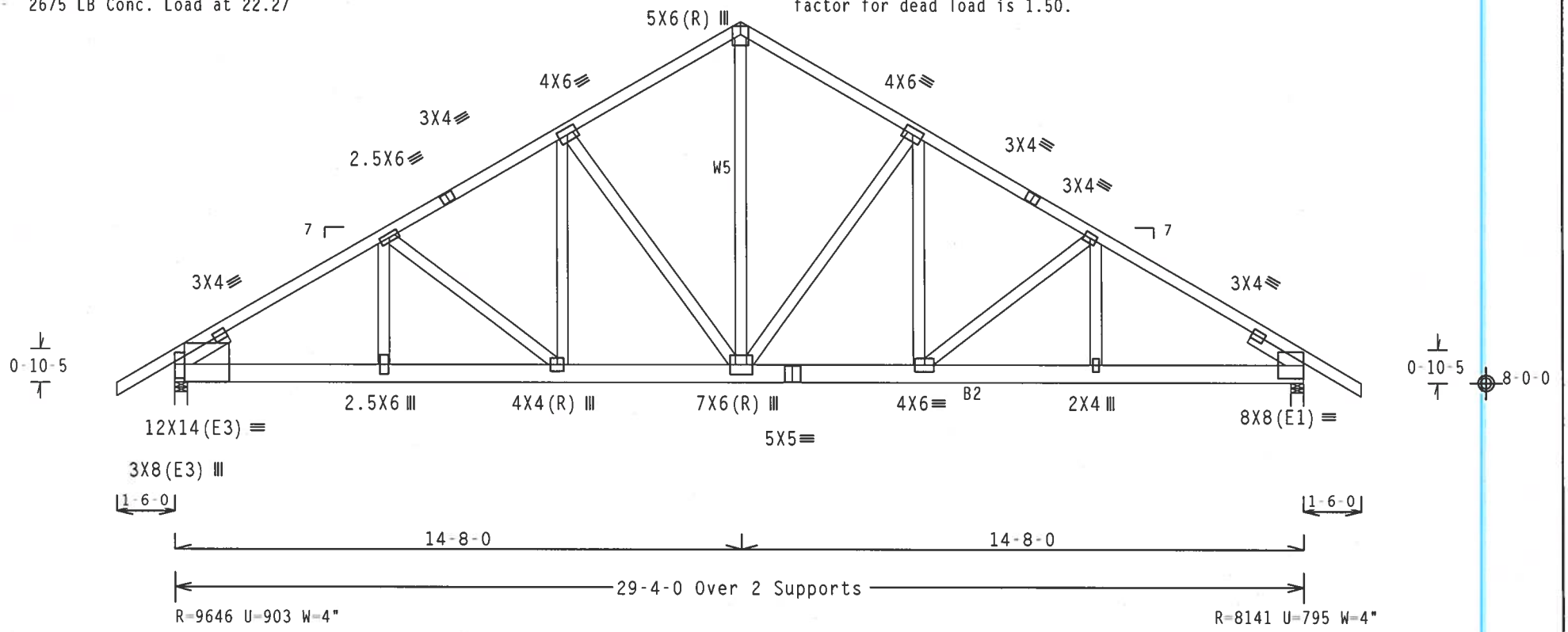
3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 5.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR LICENSE No. 52210 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32454
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187031
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	25922
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - DGE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W1 2x4 SP #2 Dense:
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 2.579'

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

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

(A) Continuous lateral bracing equally spaced on member.

+ MEMBER TO BE LATERALLY BRACED FOR WIND LOADS PERPENDICULAR TO TRUSS. BRACING SYSTEM TO BE DESIGNED AND FURNISHED BY OTHERS.

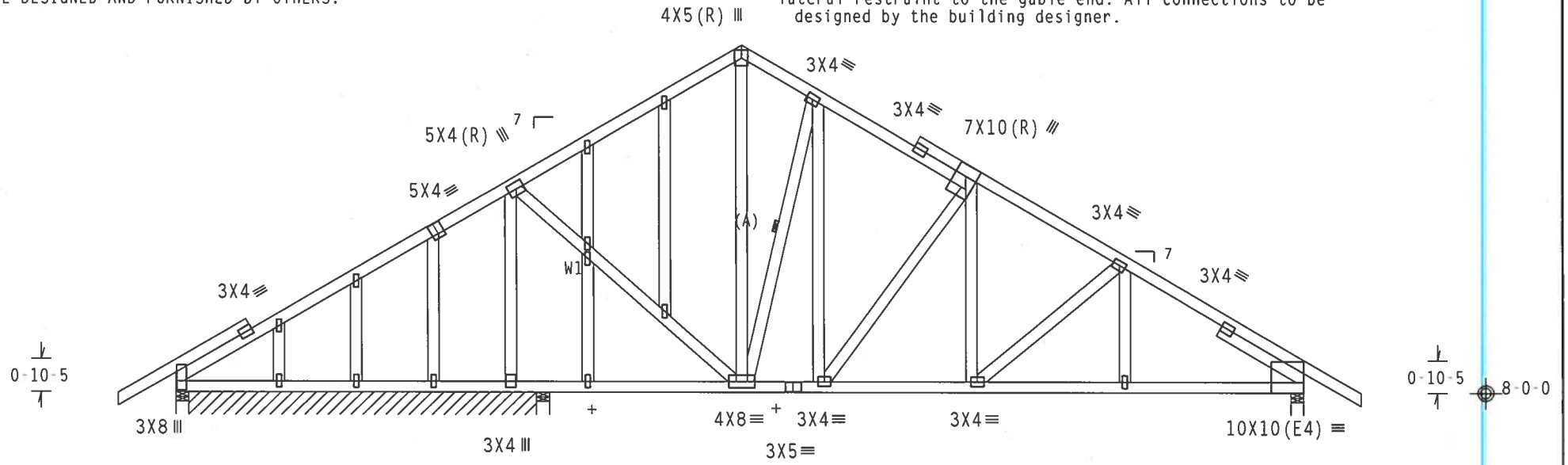
Negative reaction(s) of -182# MAX. (See below) from a non-wind load case requires uplift connection.

Wind reactions based on MWFRS pressures.

Truss spaced at 24.0" OC designed to support 1-4-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 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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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 06

TC LL	20.0 PSF	REF	R8228- 32455
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187026
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	25914
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

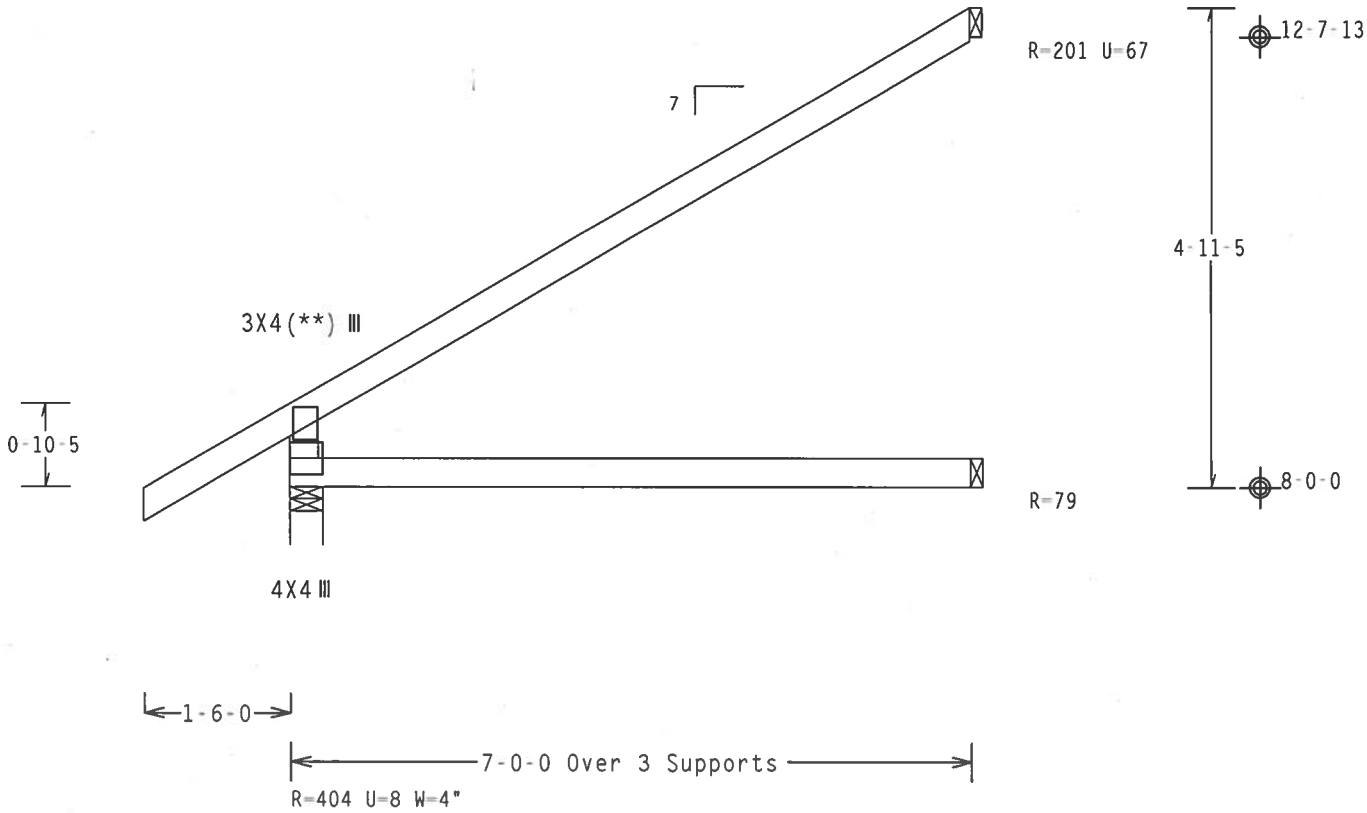
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

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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JAMES F. COLLINS JR
LICENSED
No. 52212
STATE OF FLORIDA
PROFESSIONAL ENGINEER
Jul 06 07

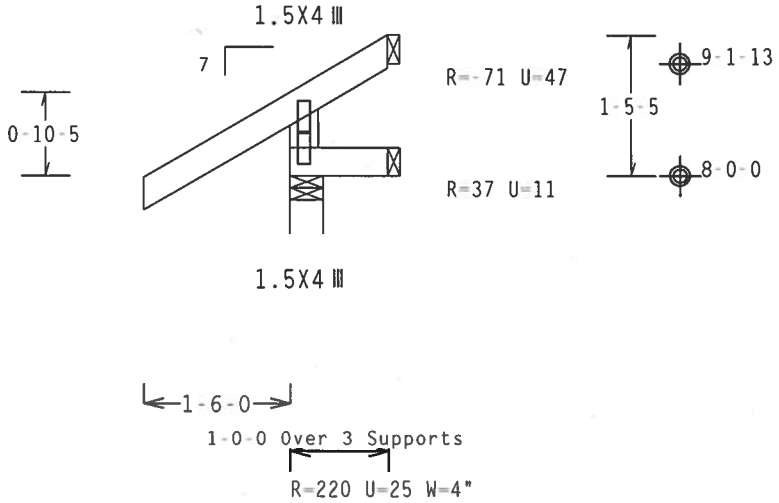
TC LL	20.0 PSF	REF	R8228- 32456
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187007
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	18760
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

PLT TYP. Wave

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

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

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

Jul 06 07

TC LL	20.0 PSF	REF R8228- 32457
TC DL	10.0 PSF	DATE 07/06/07
BC DL	10.0 PSF	DRW HCUSR8228 07187008
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 18766
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** T24)

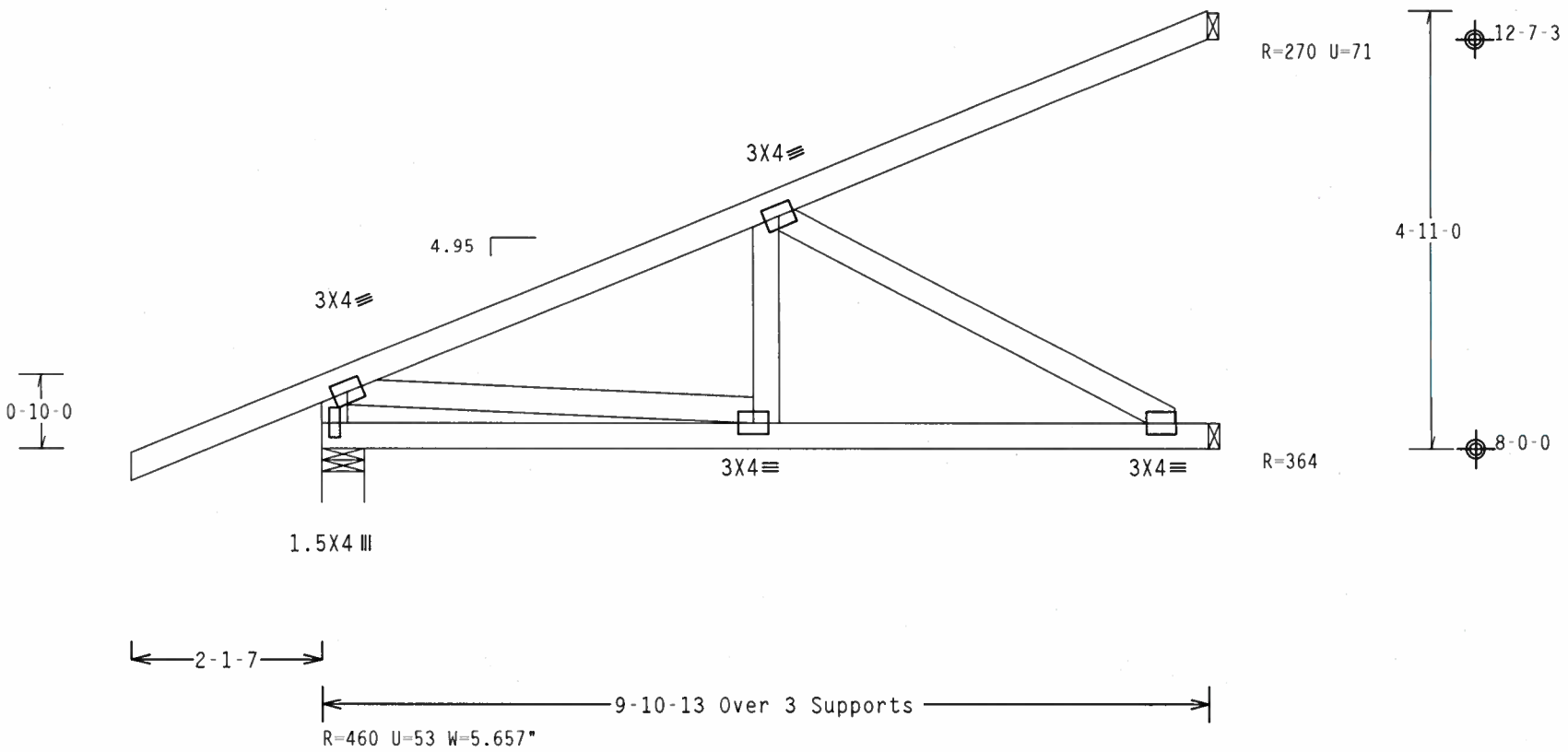
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32458
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187027
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18788
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

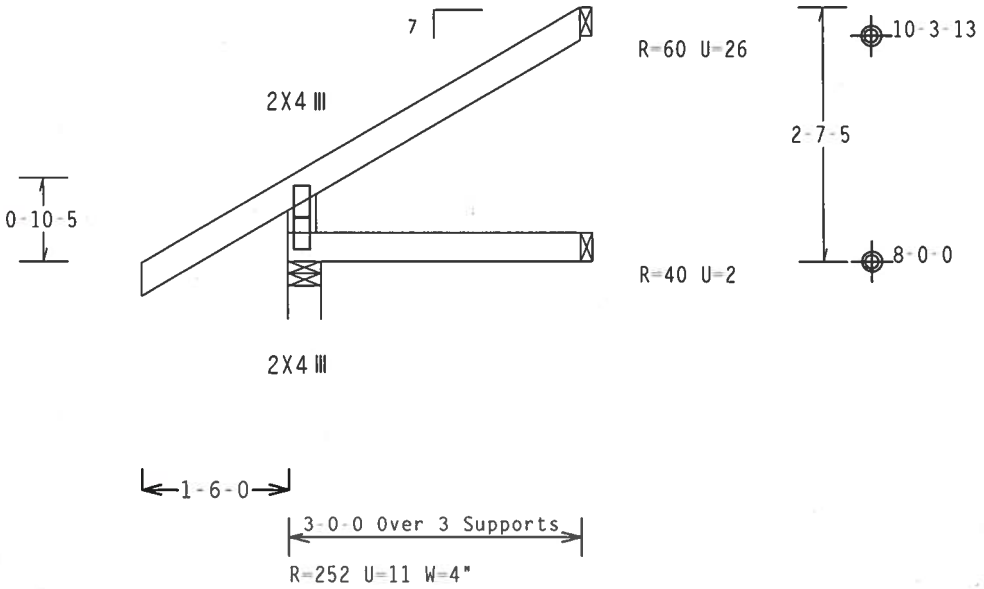
(7-195--Petersen Construction WINSBURG -- , ** - CJ3)

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32459
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187004
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	18771
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

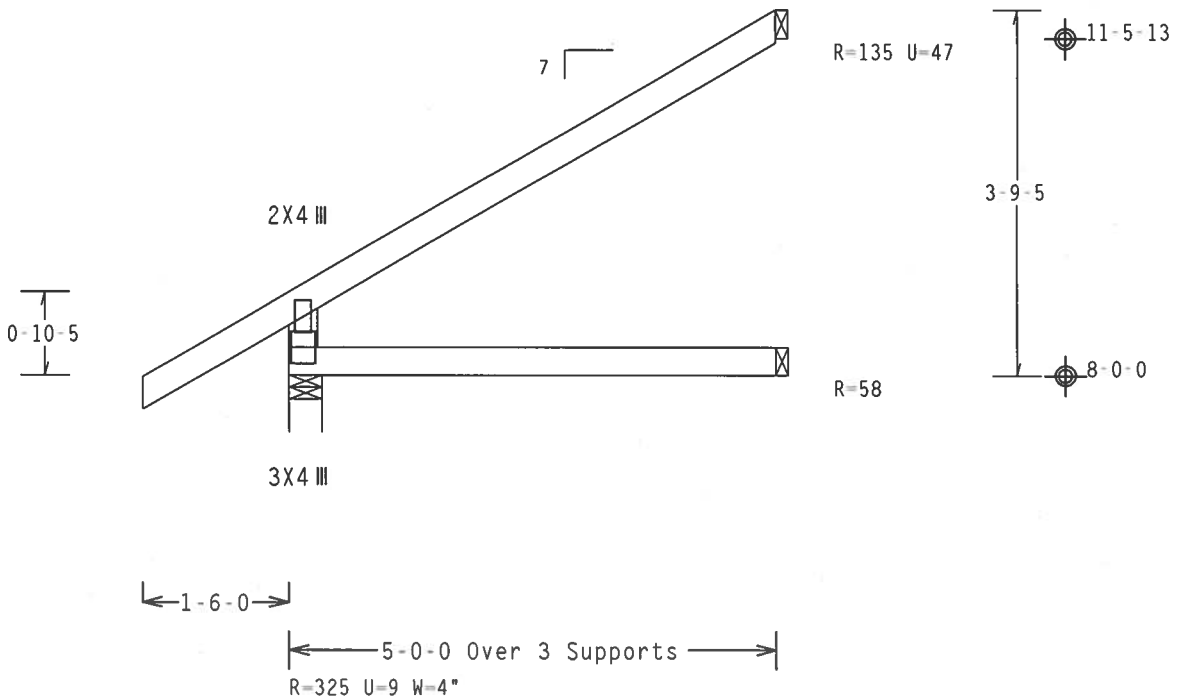
(7-195--Petersen Construction WINSBURG -- , ** - CJ5)

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32460
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187005
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	18775
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - H7A)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

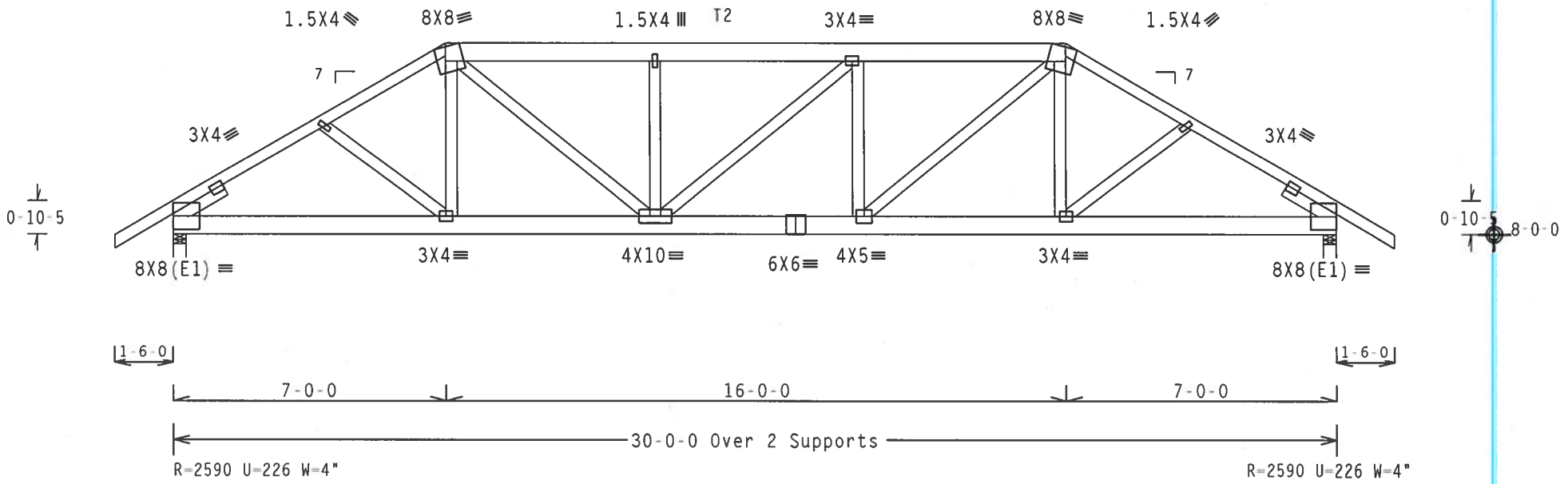
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32461
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187028
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18832
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - A15)

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W9 2x4 SP #2 Dense:
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 2.058'

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

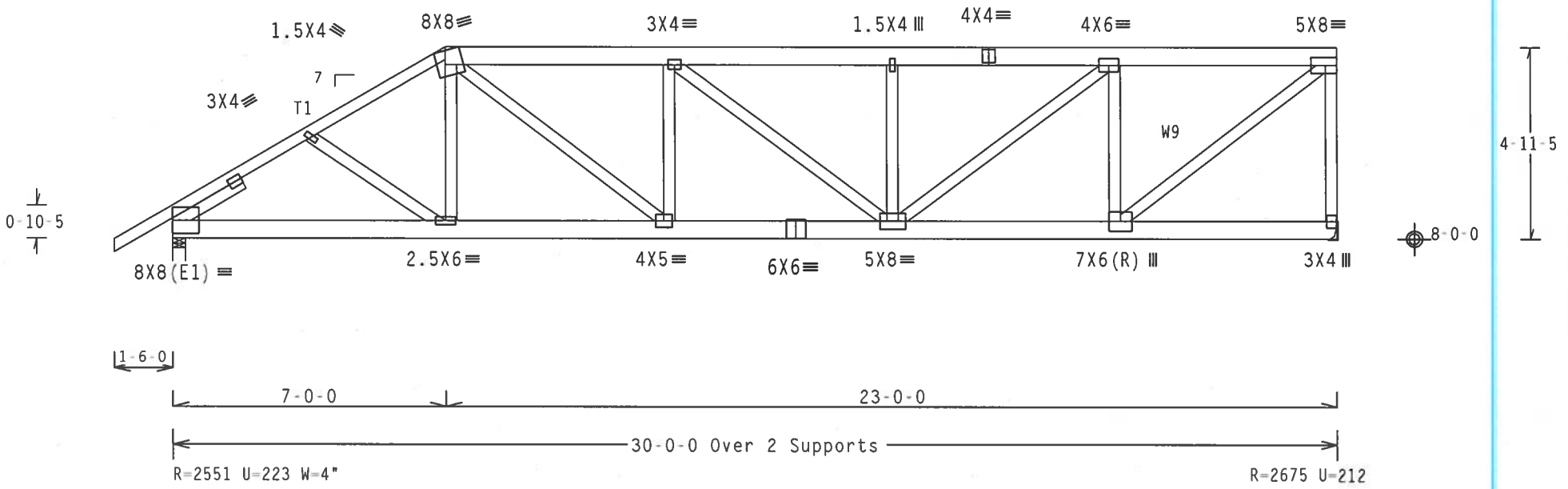
#1 hip supports 7-0-0 jacks with no webs.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 867

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

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

JAMES F. COLLINS JR. LICENSE NO. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32462
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187029
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18919
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

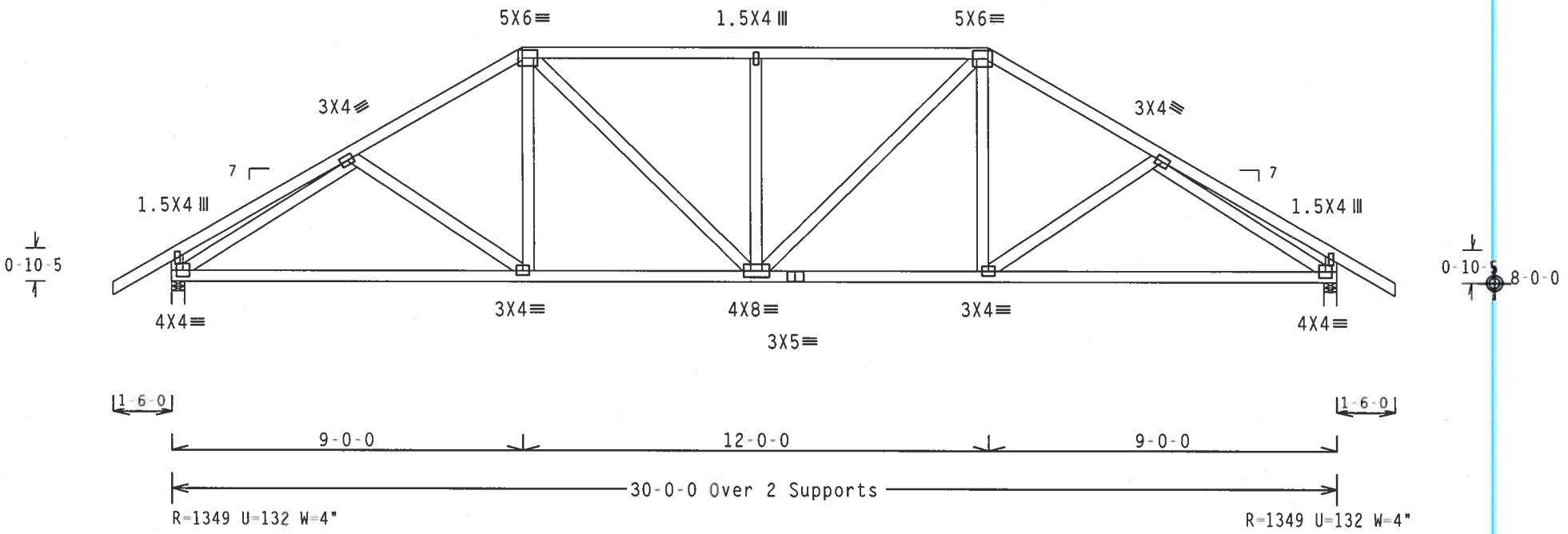
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32463
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187009
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18797
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - H11A)

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

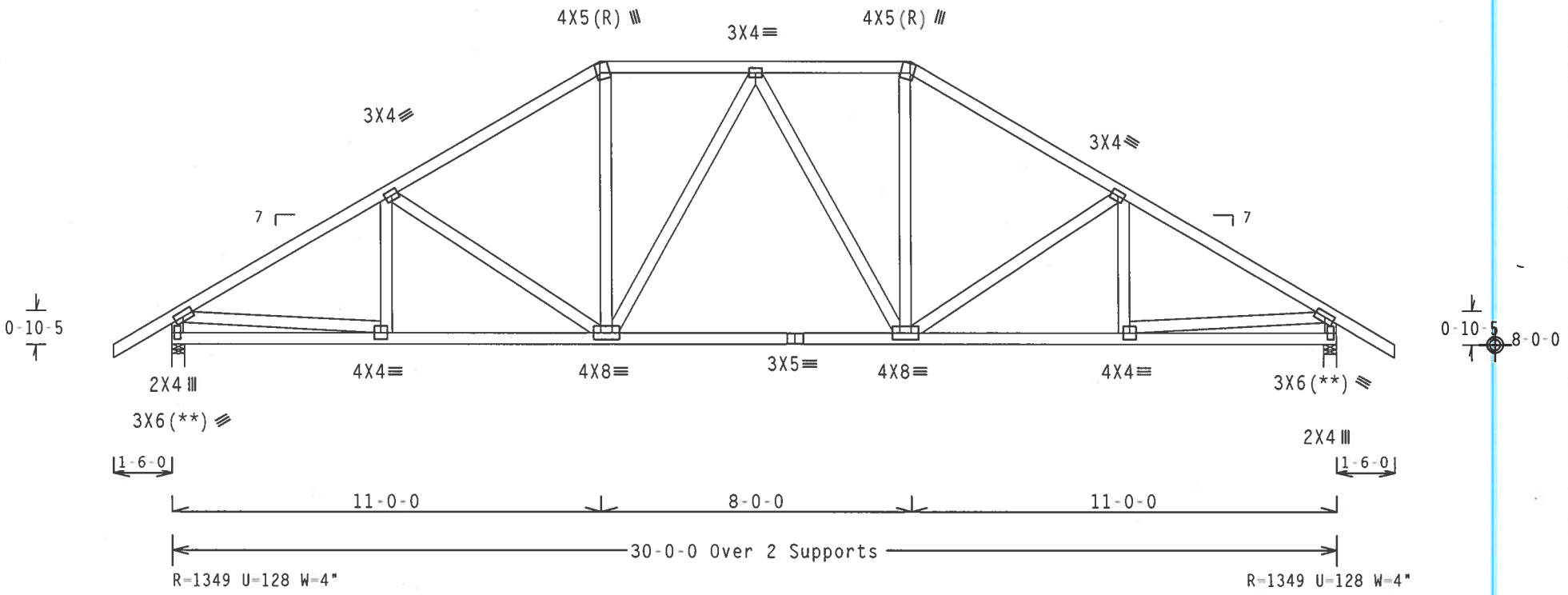
Wind reactions based on MWFRS pressures.

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

(**) 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 '07

TC LL	20.0 PSF	REF	R8228- 32464
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187010
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18802
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - H13A)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W11 2x4 SP #2 Dense:
:Rt Bearing Leg 2x6 SP #2:

Wind reactions based on MWFRS pressures.

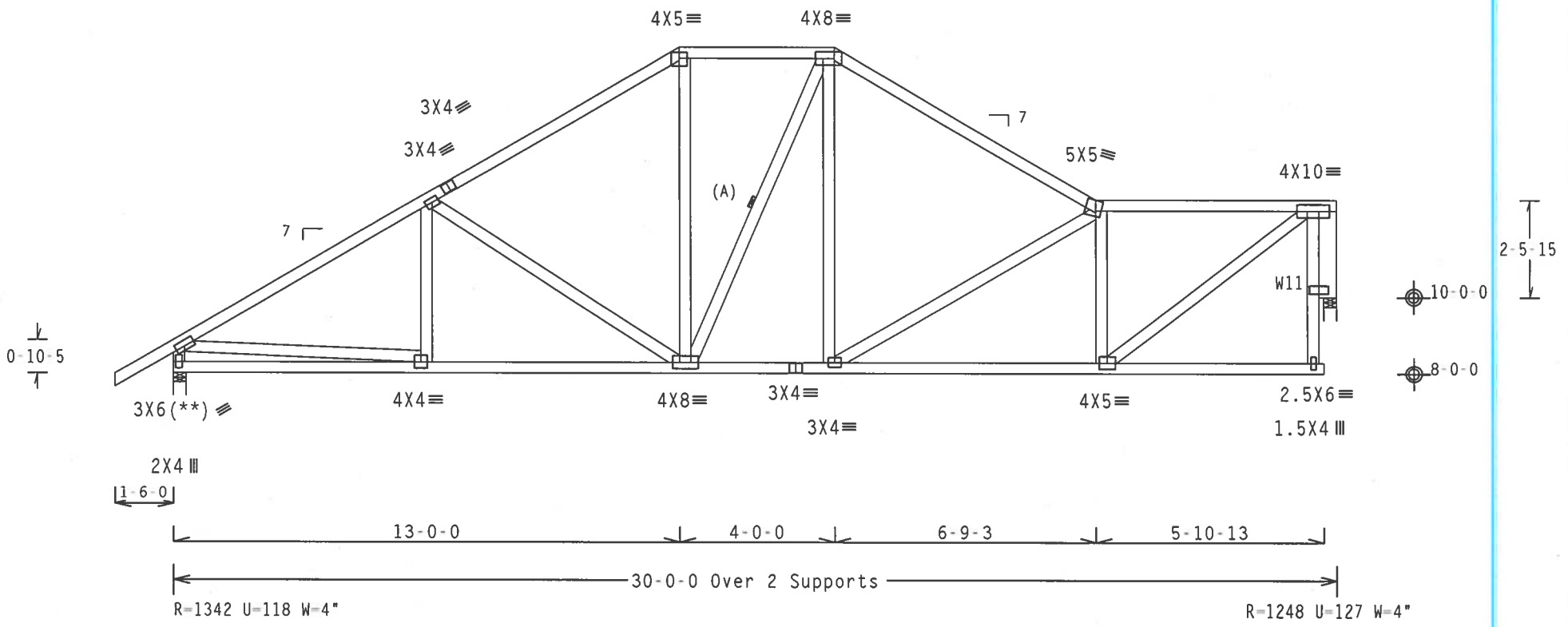
(A) Continuous lateral bracing equally spaced on member.

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

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

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR. LICENSE No. 52214 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32465
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187011
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18809
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - A1)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

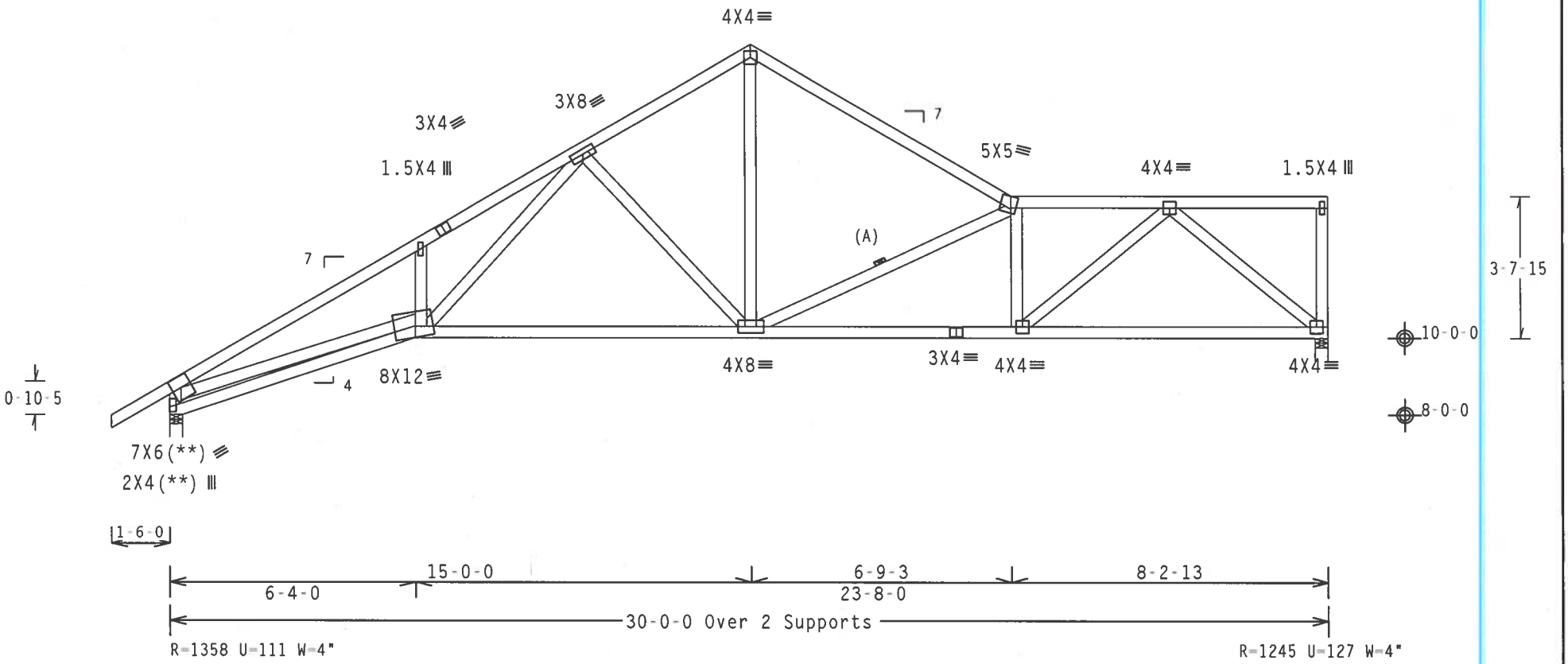
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

(**) 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.13 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 08

TC LL	20.0 PSF	REF	R8228- 32466
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187012
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	18817
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** A2)

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

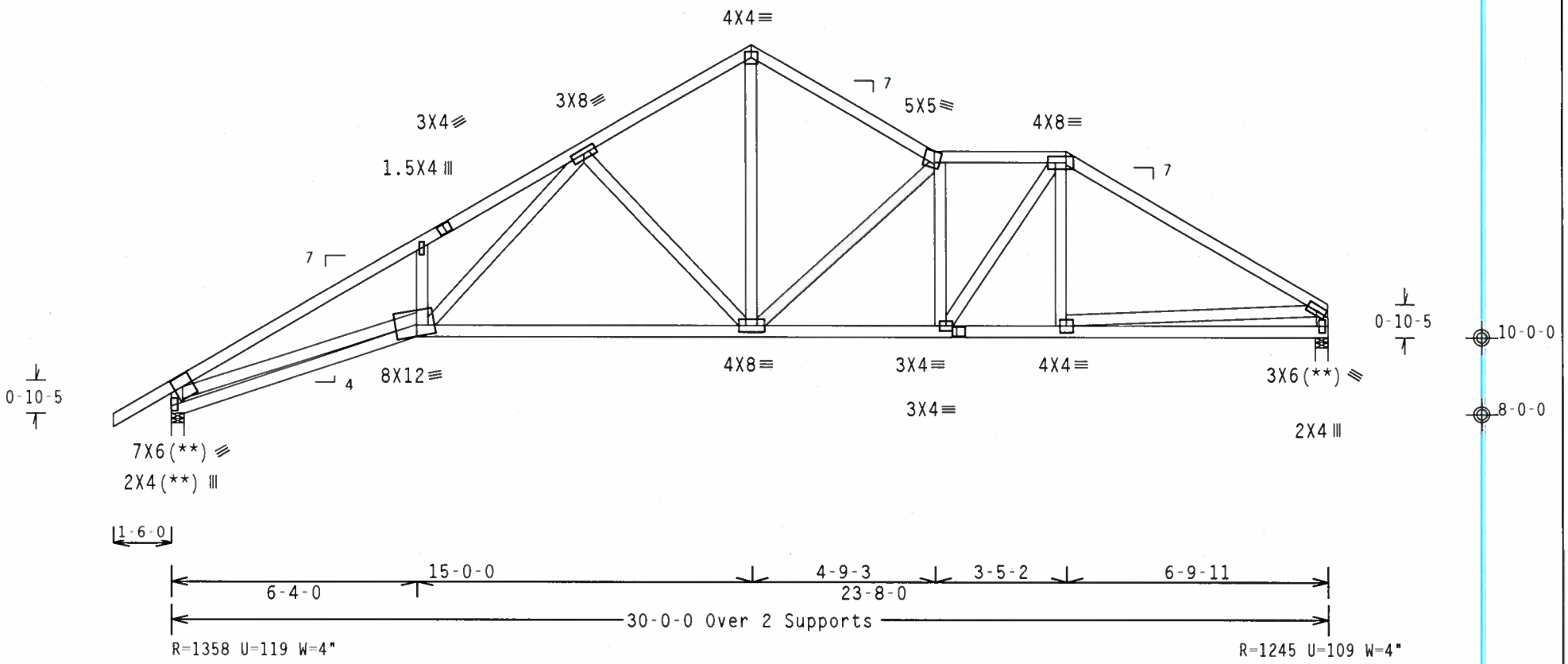
Wind reactions based on MWFRS pressures.

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

(**) 3 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32467
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187013
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18822
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** A3)

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

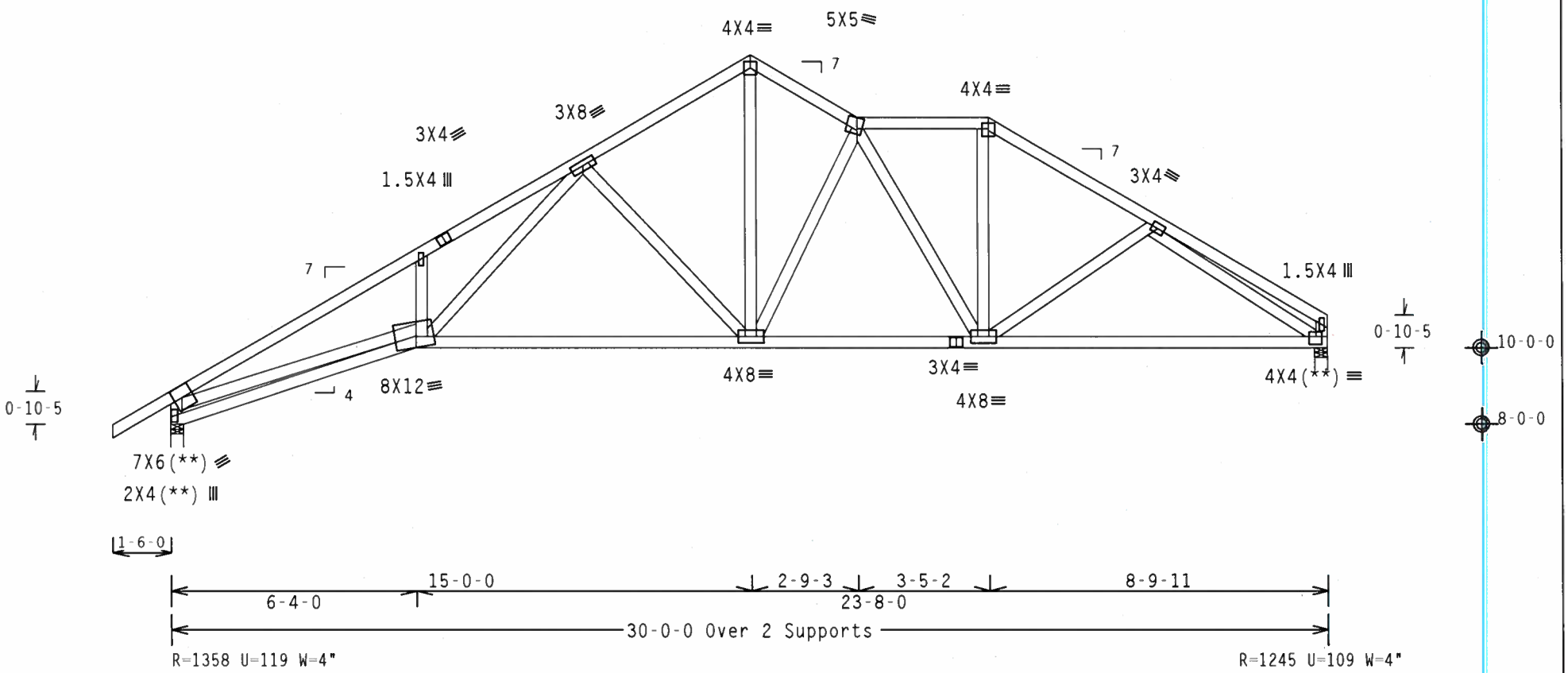
Wind reactions based on MWFRS pressures.

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

(**) 3 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

ITW Building Components Group, Inc.
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Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32468
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187014
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	18837
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** A4)

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

Wind reactions based on MWFRS pressures.

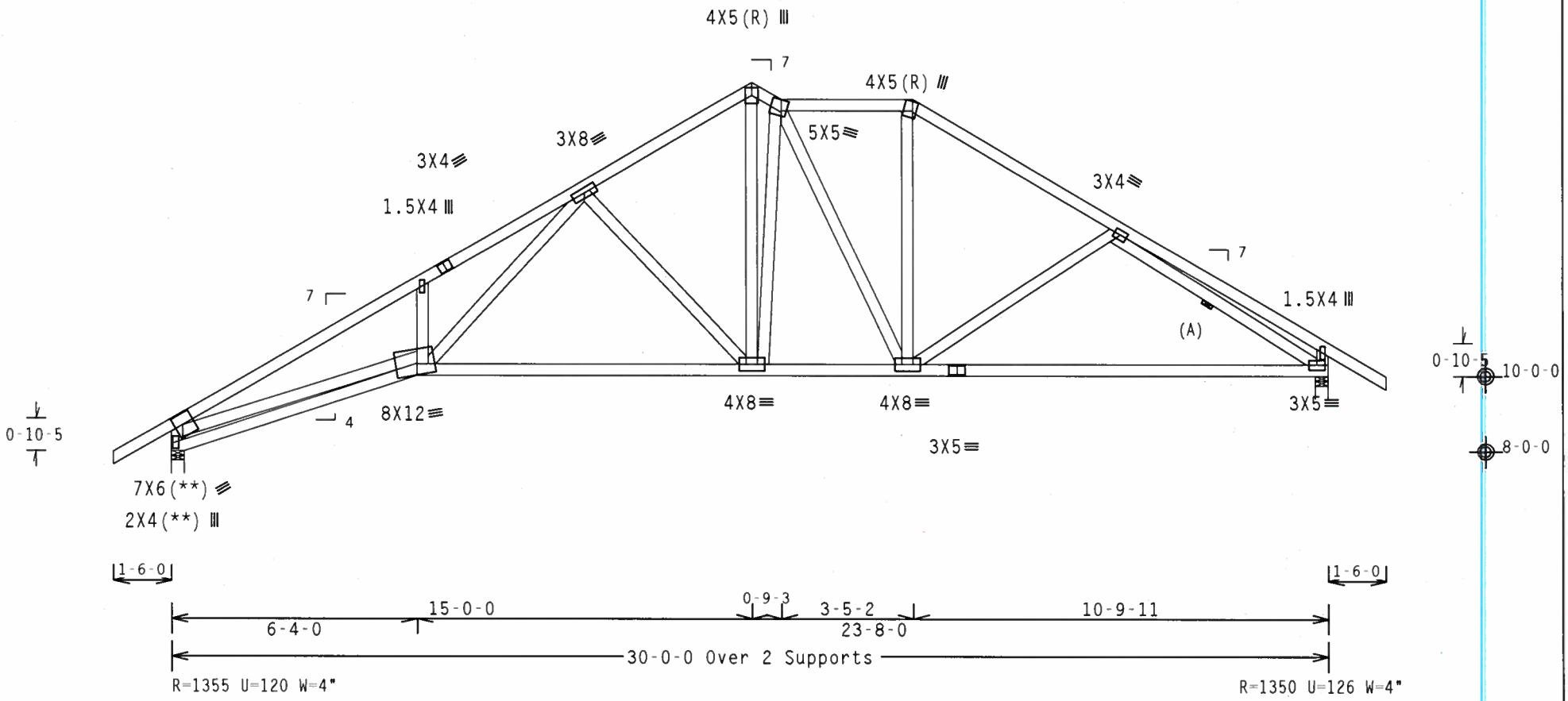
(A) Continuous lateral bracing equally spaced on member.

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

(**) 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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

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

JAMES F. COLLINS, JR. LICENSED No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32469
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187015
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	18842
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - A5)

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

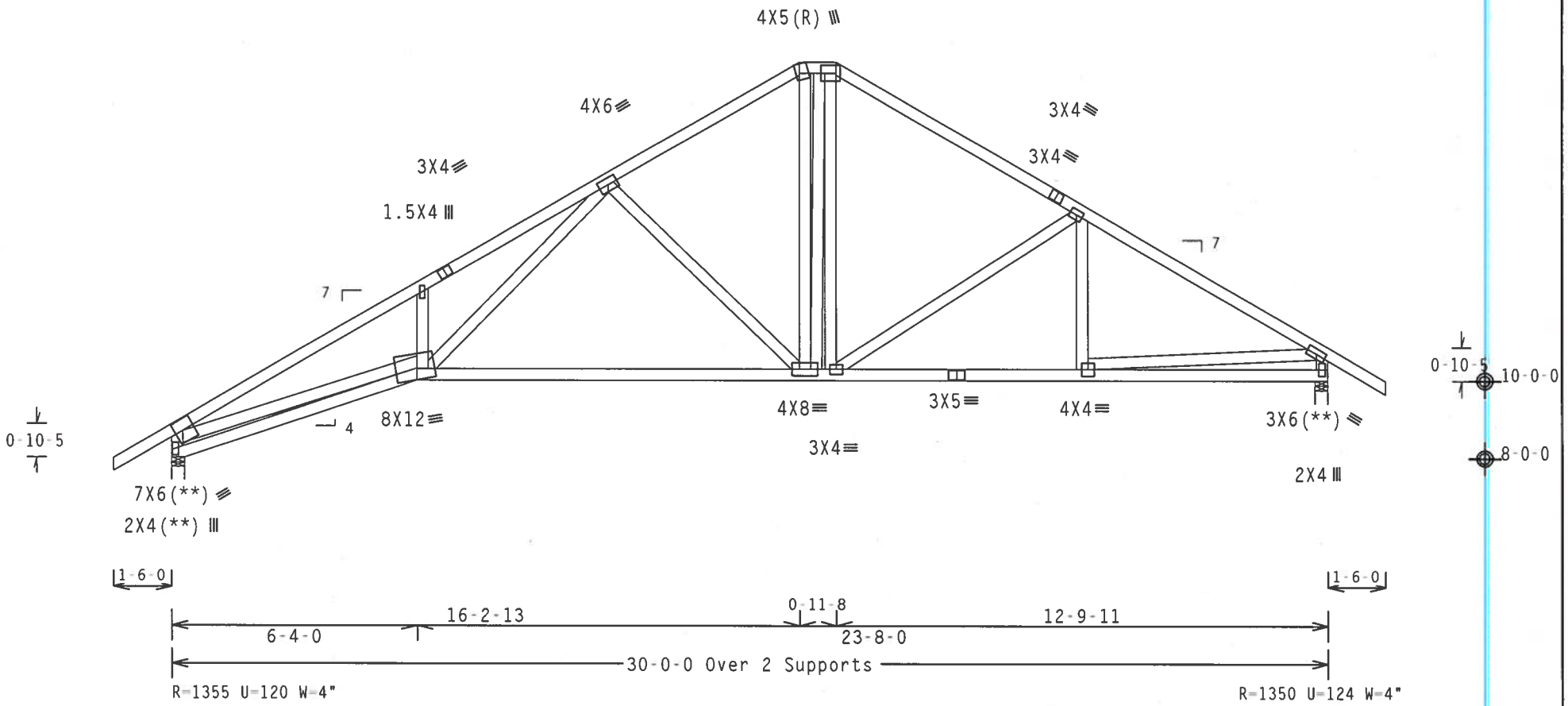
Wind reactions based on MWFRS pressures.

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

(**) 3 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cg/RT=1.00(1.25)/10(0) 7.36.0424 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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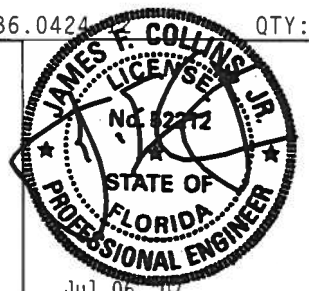


Jul 06 07

TC LL	20.0 PSF	REF R8228- 32470
TC DL	10.0 PSF	DATE 07/06/07
BC DL	10.0 PSF	DRW HCUSR8228 07187016
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 18849
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** A6)

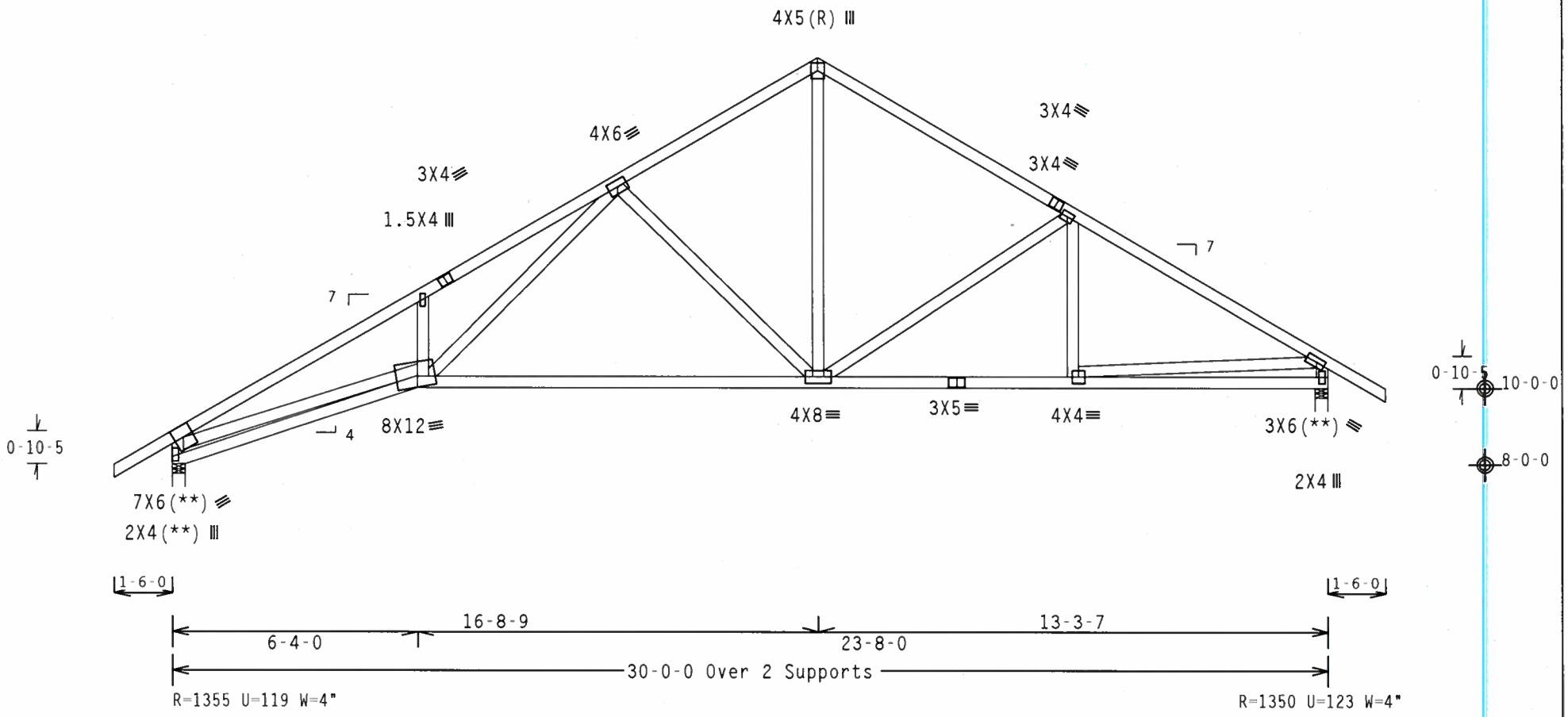
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.

(**) 3 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424 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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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32471
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187017
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18856
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - A7)

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

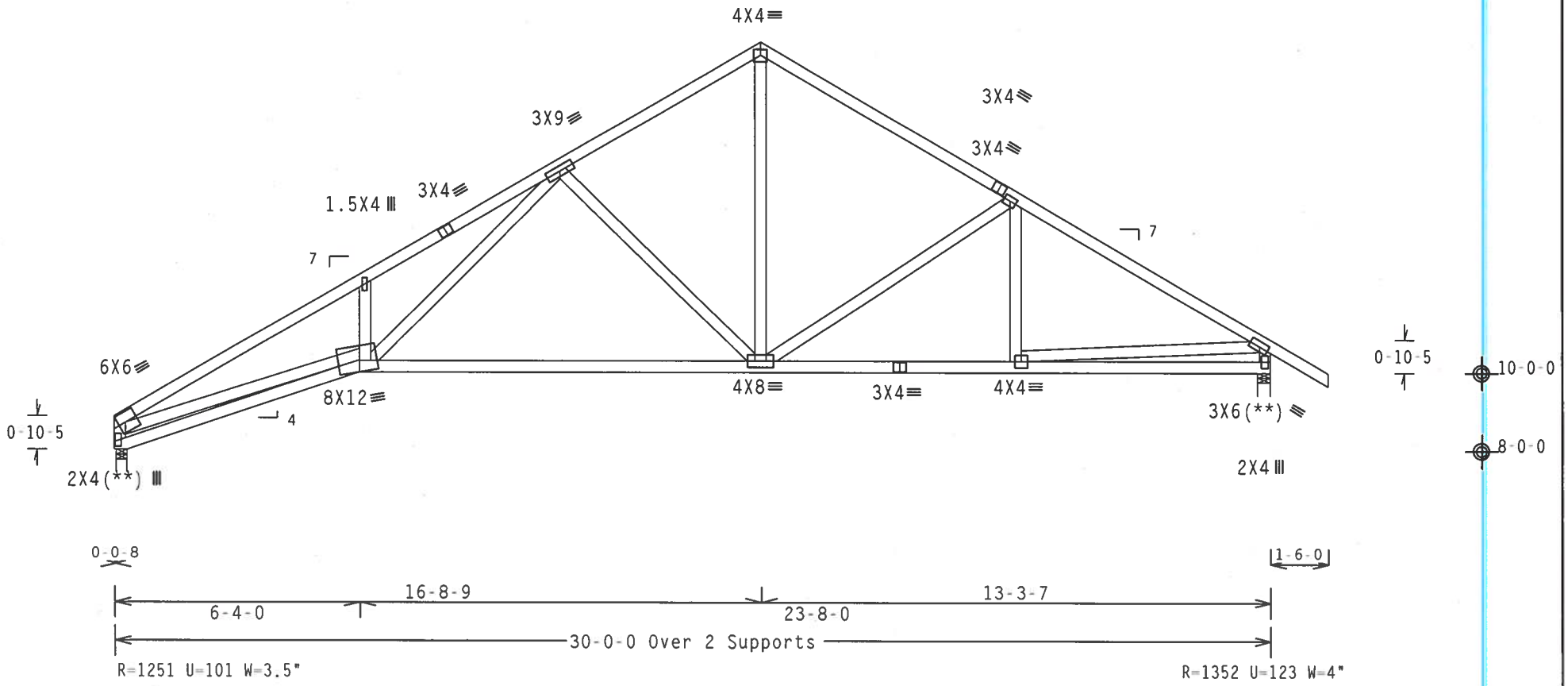
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

(**) 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cg/RT=1.00(1.25)/10(0) 7.36.0424.12 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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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju

TC LL	20.0 PSF	REF R8228- 32472
TC DL	10.0 PSF	DATE 07/06/07
BC DL	10.0 PSF	DRW HCUSR8228 07187018
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 18861
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - A8)

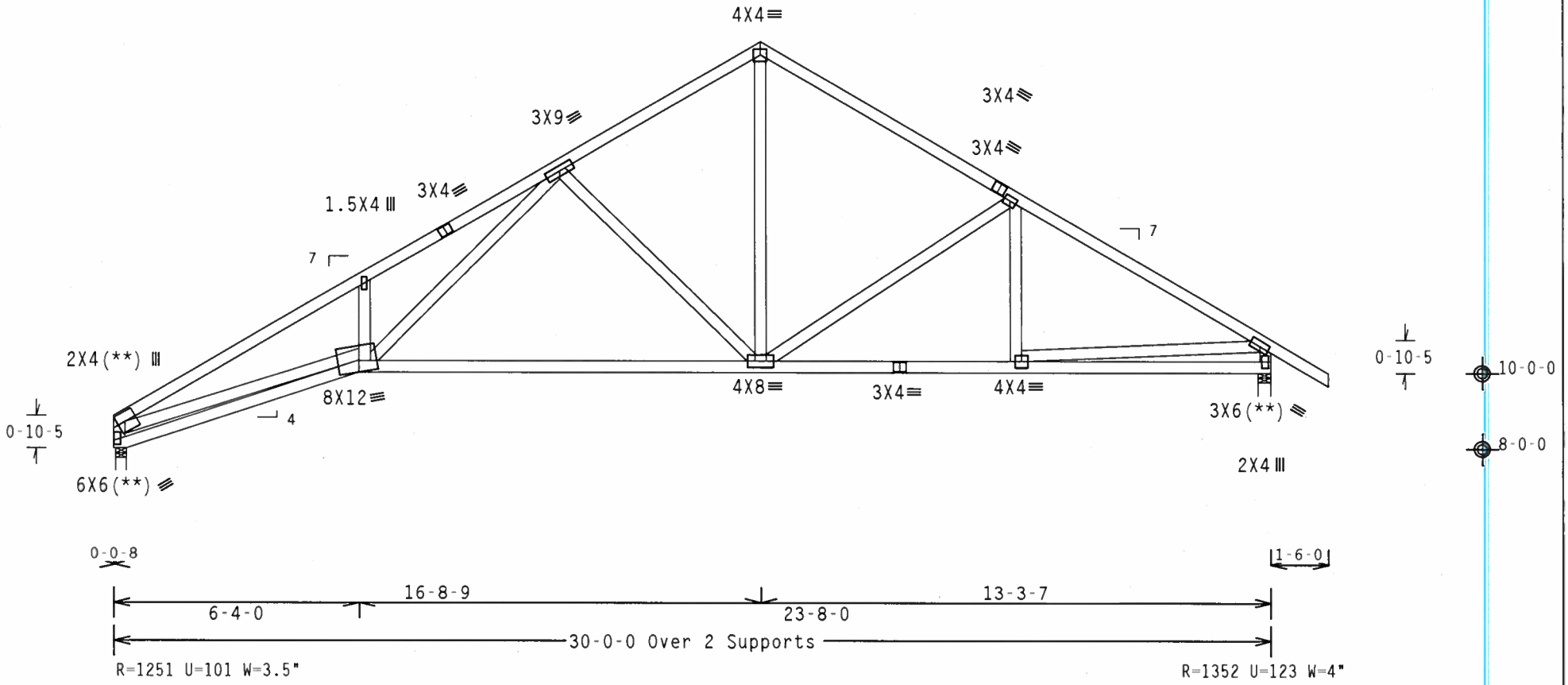
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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.

(**) 3 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, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 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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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ju

TC LL	20.0 PSF	REF	R8228- 32473
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187019
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18869
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - A9)

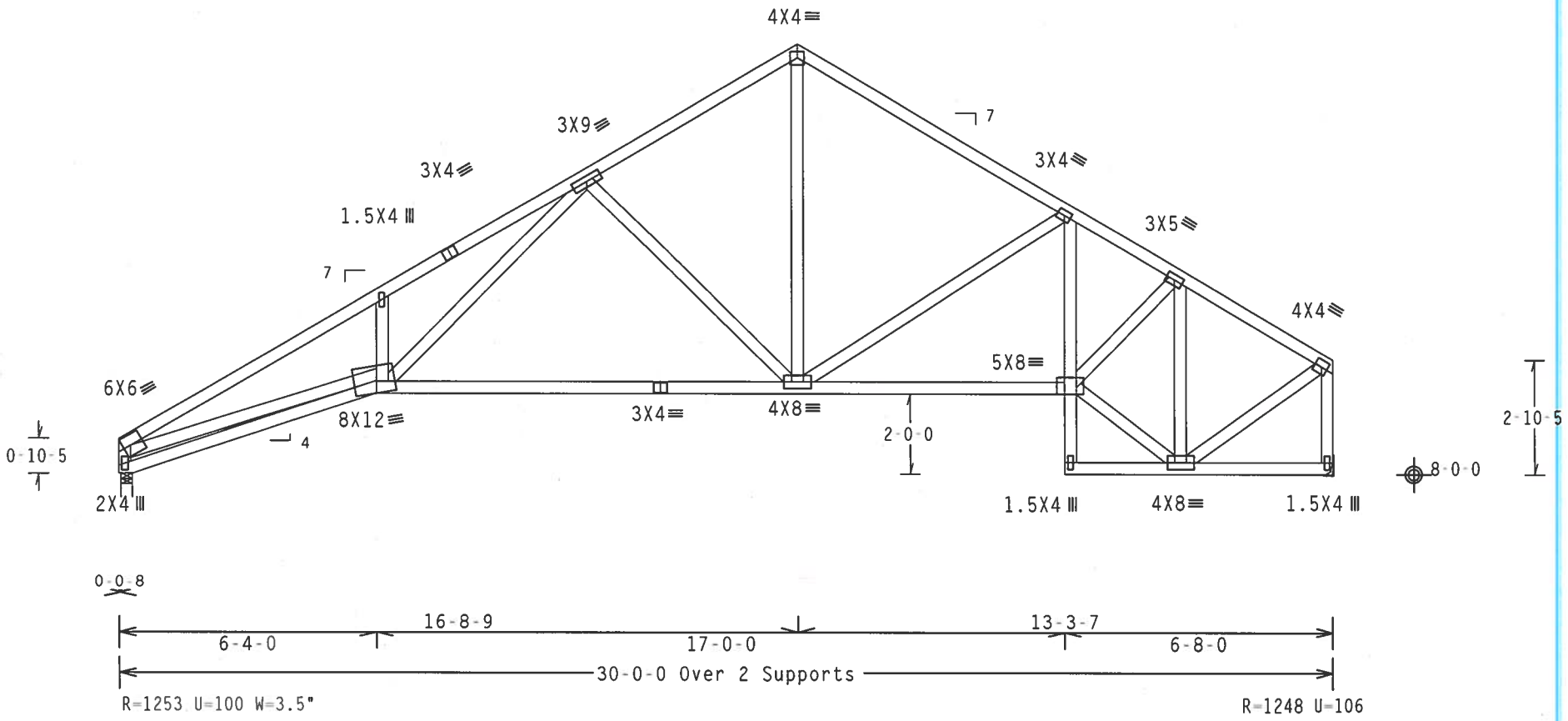
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

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) 7.36.0424 13 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

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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ALPINE

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

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

Ju[illegible]

TC LL	20.0 PSF	REF	R8228- 32474
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187020
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18880
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** A10)

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

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

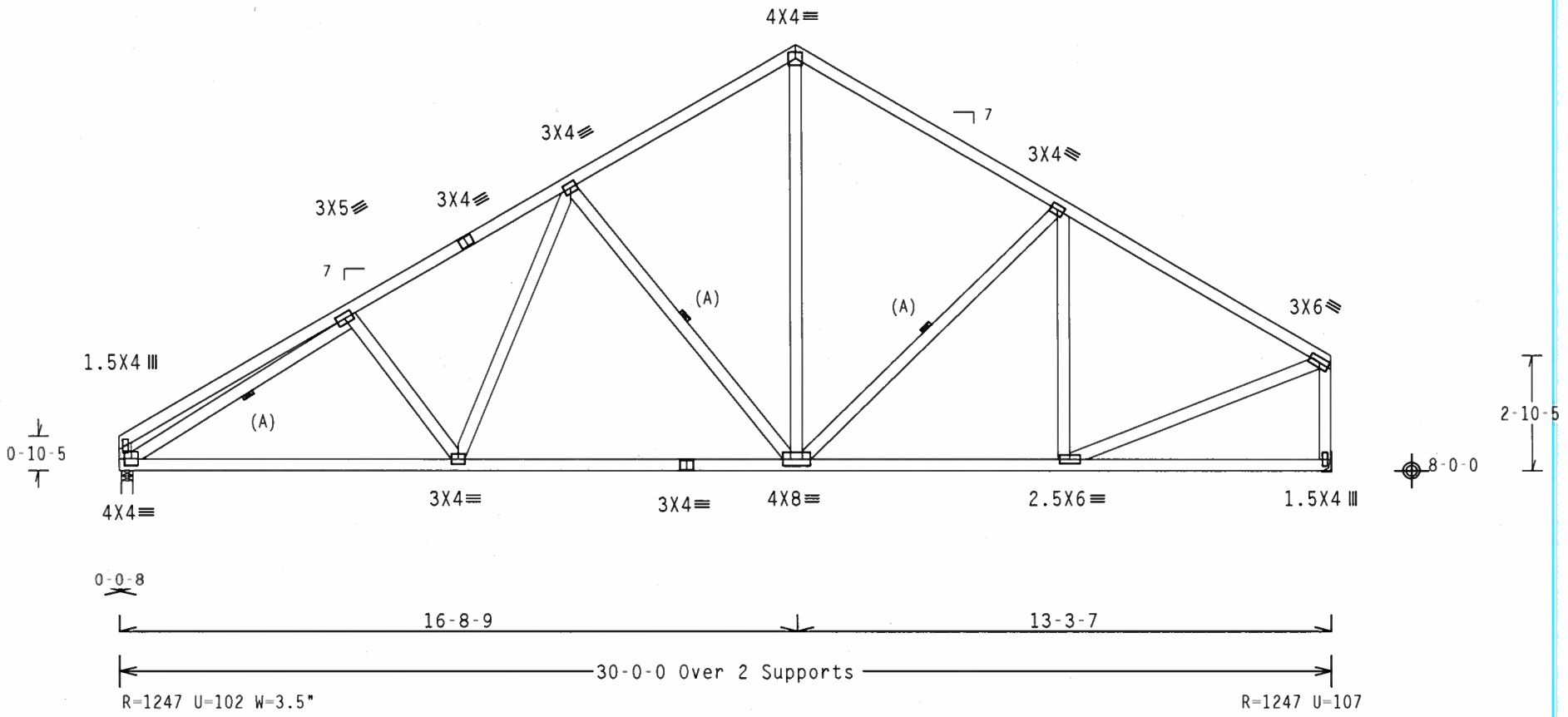
Wind reactions based on MWFRS pressures.

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.042

PLT TYP. Wave

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 647

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

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JAMES F. COLLINS JR. LICENSE No.62212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jul 06 '07

TC LL	20.0 PSF	REF	R8228- 32475
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187021
BC LL	0.0 PSF		HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN-	18888
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7-195--Petersen Construction WINSBURG -- , ** - A11)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

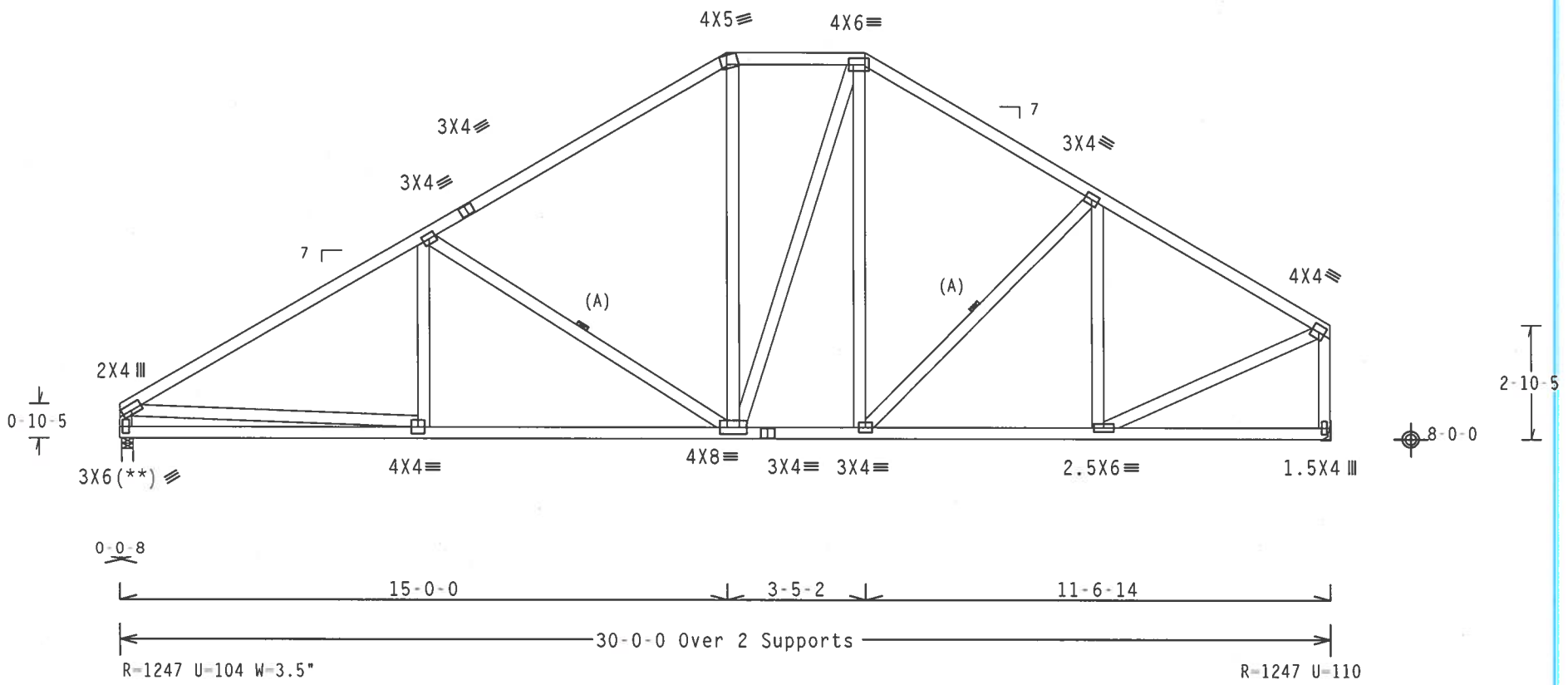
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.36.0424 | QTY:1 | FL/-/4/-/-/R/- | Scale =.25"/Ft.

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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ALPINE

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

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

Jul 06 07

TC LL	20.0 PSF	REF	R8228- 32476
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187022
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18894
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** A12)

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

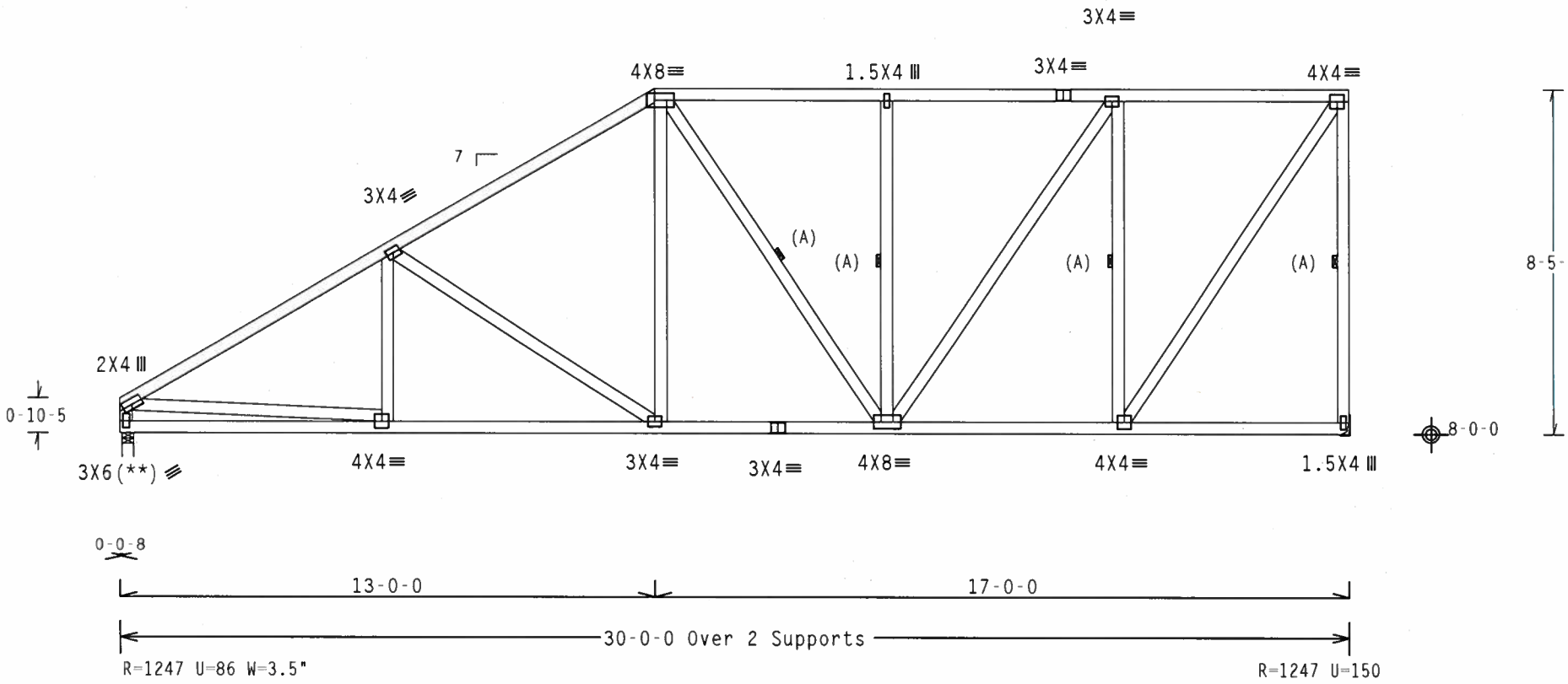
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424 10 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

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

Jul 0[illegible]

TC LL	20.0 PSF	REF R8228- 32477
TC DL	10.0 PSF	DATE 07/06/07
BC DL	10.0 PSF	DRW HCUSR8228 07187023
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 18900
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8T8228Z01

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

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

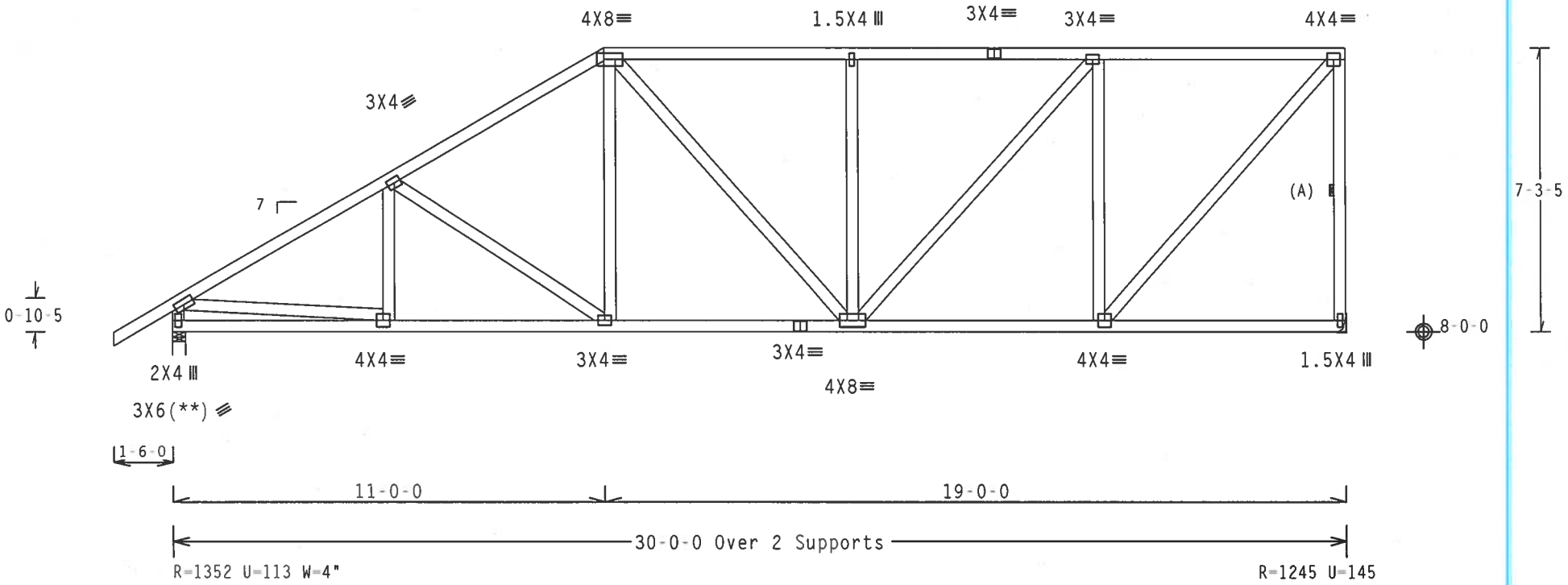
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.13

PLT TYP. Wave

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

Jul

TC LL	20.0 PSF	REF	R8228- 32478
TC DL	10.0 PSF	DATE	07/06/07
BC DL	10.0 PSF	DRW	HCUSR8228 07187024
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	40.0 PSF	SEQN-	18906
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T8T8228Z01

(7 195 Petersen Construction WINSBURG , ** A14)

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

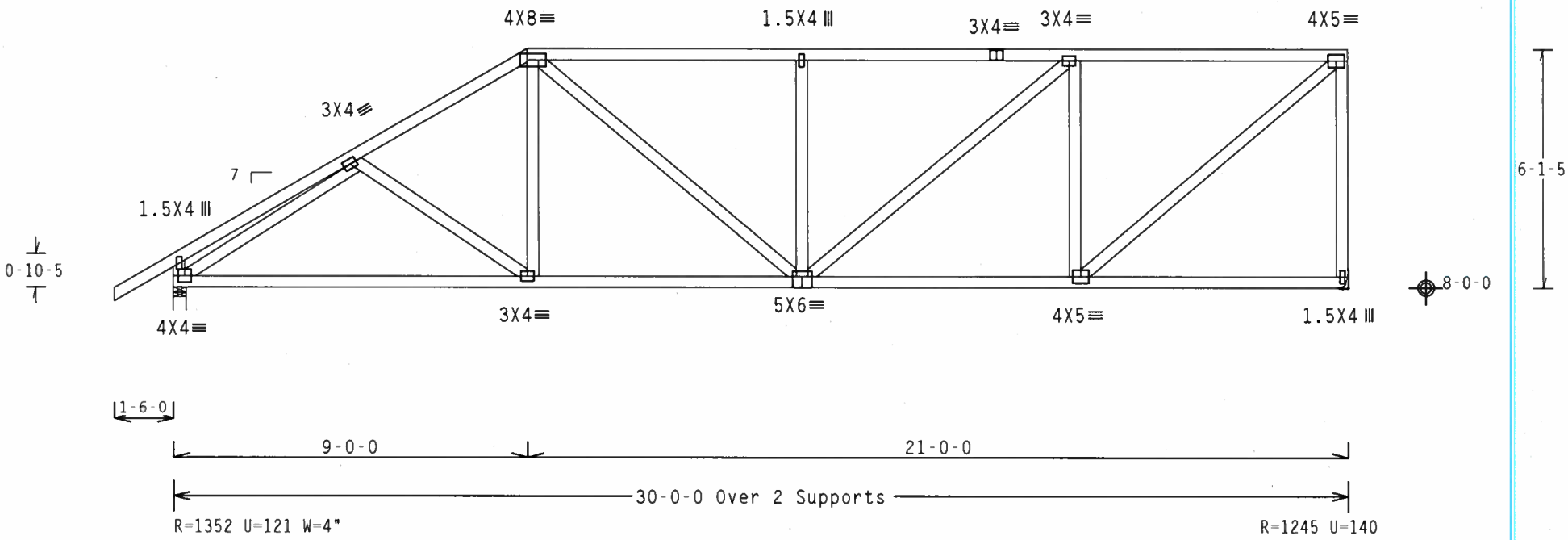
Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 10 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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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jul

TC LL	20.0 PSF	REF R8228- 32479
TC DL	10.0 PSF	DATE 07/06/07
BC DL	10.0 PSF	DRW HCUSR8228 07187025
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 18913
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T8T8228Z01

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

DOUGLAS FIR-LARCH	SOUTHERN PINE
#3	#3
STUD	STUD
STANDARD	STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE	DOUGLAS FIR-LARCH
#1	#1
#2	#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

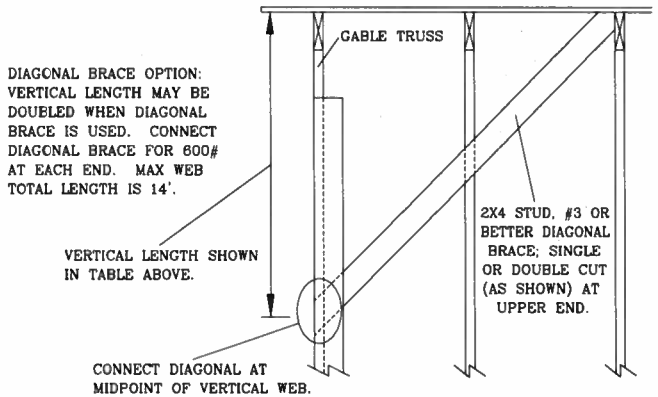
ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 6" O.C. BETWEEN ZONES.

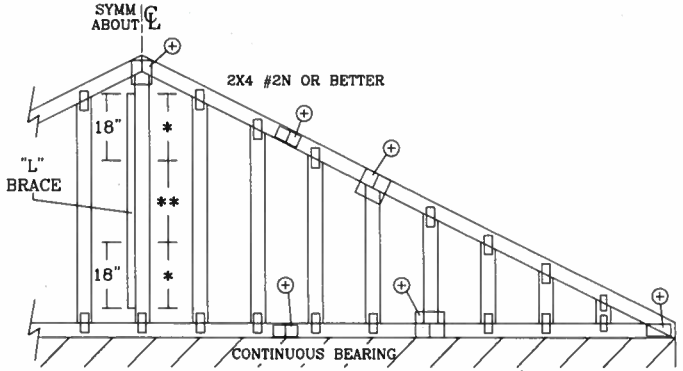
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

GABLE VERTICAL PLATE SIZES

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

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





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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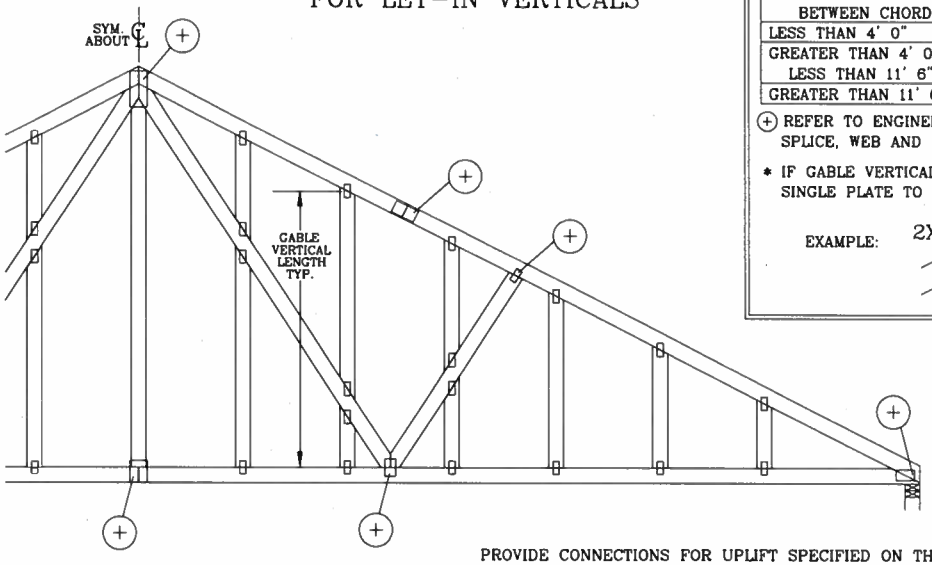
JAMES R. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

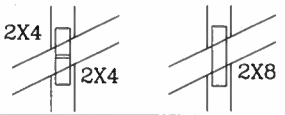
GABLE DETAIL
FOR LET-IN VERTICALS

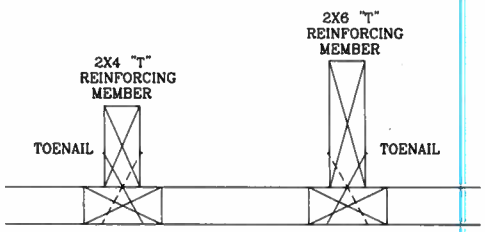


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X6
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE: 



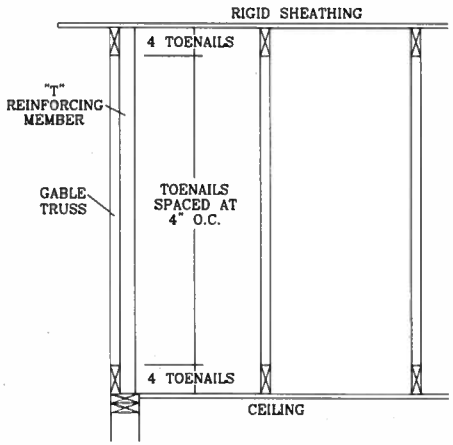
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

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

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.
ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207
ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207
ASCE 7-05 GABLE DETAIL DRAWINGS
A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207, A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207

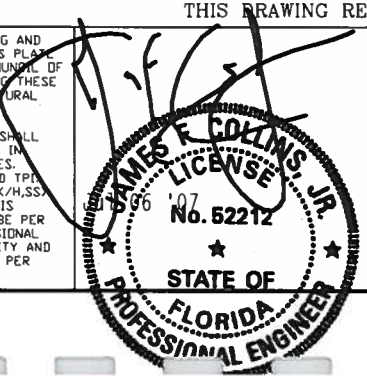
SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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

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

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



2/26 '07

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

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

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.

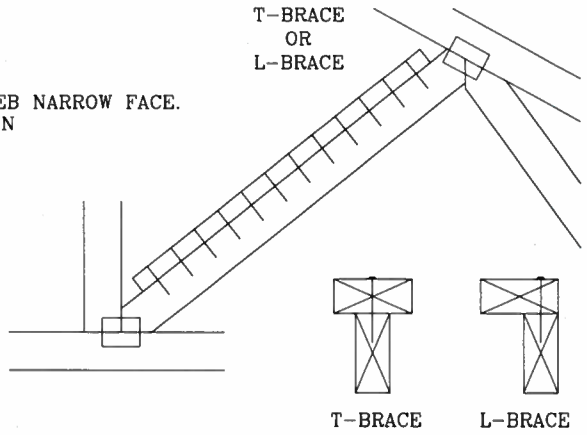
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

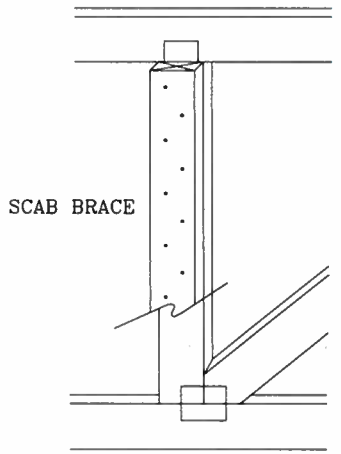
T-BRACING OR L-BRACING:

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			

ASPEN
PEST CONTROL, INC.

Notice of Intent for Preventative Treatment for Termites

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

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

Mike + Erica

(Dan & Kathy Winsberg) S47 Columbia County (Nate Petersen)
Address of Treatment or Lot/Block of Treatment

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

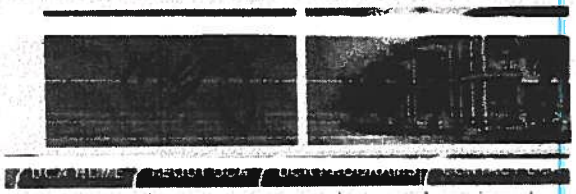
Application onto Structural Wood
Description of Treatment

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

Michelle Archer
Authorized Signature

8-3-07
Date

FLORIDA DEPARTMENT OF
Community Affairs



- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

Product Approval
USER: Public User

FL #	FL1956-R1
Application Type	Revision
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	TAMKO Building Products, Inc.
Address/Phone/Email	PO Box 1404 Joplin, MO 64802 (800) 641-4691 ext 2394 fred_oconnor@tamko.com
Authorized Signature	Frederick O'Connor fred_oconnor@tamko.com
Technical Representative	Frederick J. O'Connor
Address/Phone/Email	PO Box 1404 Joplin, MO 64802 (800) 641-4691 fred_oconnor@tamko.com

Quality Assurance Representative
Address/Phone/Email

Category	Roofing
Subcategory	Asphalt Shingles
Compliance Method	Certification Mark or Listing
Certification Agency	Underwriters Laboratories Inc.

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM D 3462	2001

Equivalence of Product Standards Certified By

Product Approval Method	Method 1 Option A
Date Submitted	06/09/2005
Date Validated	06/20/2005
Date Pending FBC Approval	06/25/2005
Date Approved	06/29/2005

Summary of Products

FL #	Model, Number or Name	Description

slopes of 2:12 or greater. Not approved for use in HVHZ.	

Back Next

DCA Administration

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

Product Approval Accepts:

4

Underwriters Laboratories Inc.®

333 Pfingsten Road
Northbrook, IL 60062-2096 USA
www.ul.com
tel: 1 847 272 8800

Jun 17, 2005

Tan ko Roofing Products
Ms. Kerri Eden
P.O Box 1404
220 W. 4th Street
Jopl n, MD 64802-1404

Our Reference: R2919

Thi is to confirm that "Elite Glass-Seal AR", "Heritage 30 AR", "Heritage 50 AR", "Gl ss-Seal AR" manufactured at Tuscaloosa, AL and "Elite Glass-Seal AR", "Heritage 30 / R", "Heritage XL AR", "Heritage 50 AR" manufactured at Frederick, MD and "He itage 30 AR", "Heritage XL AR", and "Heritage 50 AR" manufactured in Dallas, TX are] IL Listed asphalt glass mat shingles and have been evaluated in accordance with AN I/UL 790, Class A (ASTM E108), ASTM D3462, ASTM D3161 or UL 997 moc ified to 110 mph when secured with four nails.

Let ne know if you have any further questions.

Ver truly yours,

Alp sh Patel (Ext. 42522)
Eng neer Project
Fire Protection Division

Reviewed by,

Randall K. Laymon (Ext. 42687)
Engineer Sr Staff
Fire Protection Division

TAMKO BUILDING PRODUCTS

Application Instructions for

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

THIS PRODUCT IS COVERED BY A LIMITED WARRANTY, THE TERMS OF WHICH ARE PRINTED ON THE WRAPPER.

IN COLD WEATHER (BELOW 40°F), CARE MUST BE TAKEN TO AVOID DAMAGE TO THE EDGES AND CORNERS OF THE SHINGLES.

IMPORTANT. It is not necessary to remove the plastic strip from the back of the shingles.

1. ROOF DECK

These shingles are for application to roof decks capable of receiving and retaining fasteners, and to inclines of not less than 2 in. per foot. For roofs having pitches 2 in. per foot to less than 4 in. per foot, refer to special instructions titled "Low Slope Application". Shingles must be applied properly. TAMKO assumes no responsibility for leaks or defects resulting from improper application, or failure to properly prepare the surface to be roofed over.

NEW ROOF DECK CONSTRUCTION: Roof deck must be smooth, dry and free from warped surfaces. It is recommended that metal drip edges be installed at eaves and rakes.

PLYWOOD. All plywood shall be exterior grade as defined by the American Plywood Association. Plywood shall be a minimum of 3/8 in. thickness and applied in accordance with the recommendations of the American Plywood Association.

SHEATHING BOARDS: Boards shall be well-seasoned tongue-and-groove boards and not over 6 in. nominal width. Boards shall be a 1 in. nominal minimum thickness. Boards shall be properly spaced and nailed.

TAMKO does not recommend re-roofing over existing roof.

2. VENTILATION

Inadequate ventilation of attic spaces can cause accumulation of moisture in winter months and a build up of heat in the summer. These conditions can lead to:

1. Vapor Condensation
2. Buckling of shingles due to deck movement.
3. Rotting of wood members.
4. Premature failure of roof.

To insure adequate ventilation and circulation of air, place louvers of sufficient size high in the gable ends and/or install continuous ridge and soffit vents. FHA minimum property standards require one square foot of net free ventilation area to each 150 square feet of space to be vented, or one square foot per 300 square feet if a vapor barrier is installed on the warm side of the ceiling or if at least one half of the ventilation is provided near the ridge. If the ventilation openings are screened, the total area should be doubled.

IT IS PARTICULARLY IMPORTANT TO PROVIDE ADEQUATE VENTILATION.

3. FASTENERS

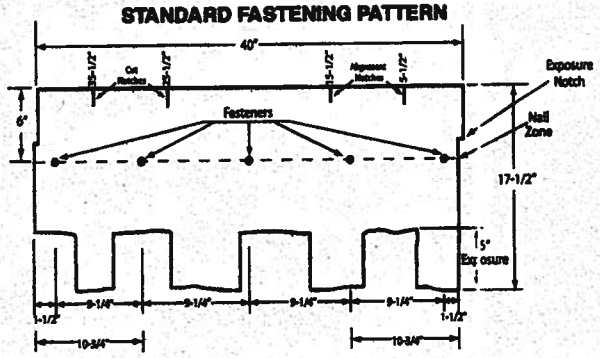
WIND CAUTION: Extreme wind velocities can damage these shingles after application when proper sealing of the shingles does not occur. This can especially be a problem if the shingles are applied in cooler months or in areas on the roof that do not receive direct sunlight. These conditions may impede the sealing of the adhesive strips on the shingles. The inability to seal down may be compounded by prolonged cold weather conditions and/or blowing dust. In these situations, hand sealing of the shingles is recommended. Shingles must also be fastened according to the fastening instructions described below.

Correct placement of the fasteners is critical to the performance of the shingle. If the fasteners are not placed as shown in the diagram and described below, this will result in the termination of TAMKO's liabilities under the limited warranty. TAMKO will not be responsible for damage to shingles caused by winds in excess of the applicable miles per hour as stated in the limited warranty. See limited warranty for details.

FASTENING PATTERNS: Fasteners must be placed 6 in. from the top edge of the shingle located horizontally as follows:

1) Standard Fastening Pattern. (For use on decks with slopes 2 in. per foot to 21 in. per foot.) One fastener 1-1/2 in. back from each end, one 10-3/4 in. back from each end and one 20 in. from one end of the shingle for a total of 5 fasteners. (See standard fastening pattern illustrated below).

STANDARD FASTENING PATTERN



2) Mansard or Steep Slope Fastening Pattern. (For use on decks with slopes greater than 21 in. per foot.) Use standard nailing instructions with four additional nails placed 6 in. from the butt edge of the shingle making certain nails are covered by the next (successive) course of shingles.

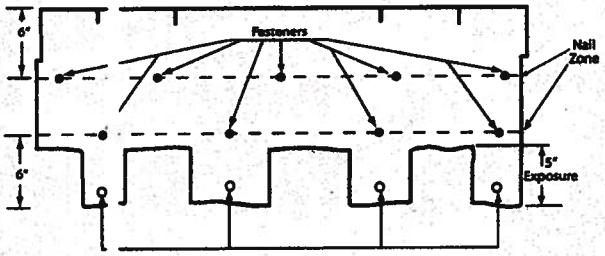
(Continued)

(CONTINUED from Pg. 1)

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

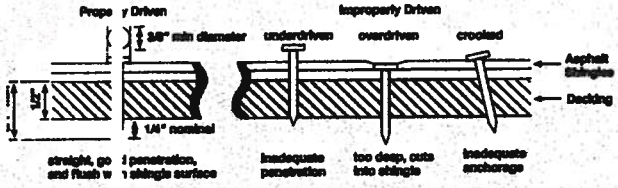
Each shingle tab must be sealed underneath with quick setting asphalt adhesive cement immediately upon installation. Spots of cement must be equivalent in size to a $.25 piece and applied to shingles with a 5 in. exposure, using 9 fasteners per shingle.

MANSARD FASTENING PATTERN



Apply under each tab 1" diameter asphalt adhesive cement.

NAILS: TAMKO recommends the use of nails as the preferred method of application. Standard type roofing nails should be used. Nail shanks should be made of minimum 12 gauge wire, and a minimum head diameter of 3/8 in. Nails should be long enough to penetrate 3/4 in. into the roof deck. Where the deck is less than 3/4 in. thick, the nails should be long enough to penetrate completely through plywood decking and extend at least 1/8 in. through the roof deck. Drive nail head flush with the shingle surface.



4. UNDERLAYMENT

UNDERLAYMENT: An underlayment consisting of asphalt saturated felt must be applied over the entire deck before the installation of TAMKO shingles. Failure to add underlayment can cause premature failure of the shingles and leaks which are not covered by TAMKO's limited warranty. Apply the felt when the deck is dry. On roof decks 4 in. per foot and greater apply the felt parallel to the eaves lapping each course of the felt over the lower course at least 2 in. Where ends join, lap the felt 4 in. If left exposed, the underlayment felt may be adversely affected by moisture and weathering. Laying of the underlayment and the shingle application must be done together.

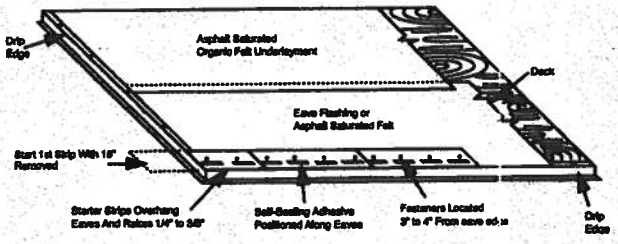
Products which are acceptable for use as underlayment are:

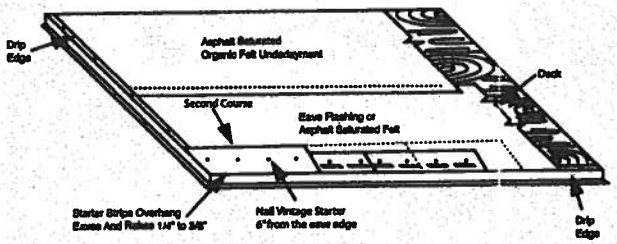
- TAMKO No. 15 Asphalt Saturated Organic Felt
- A non-perforated asphalt saturated organic felt which meets ASTM: D226, Type I or ASTM D4869, Type I
- Any TAMKO non-perforated asphalt saturated organic felt
- TAMKO TW Metal and Tile Underlayment, TW Underlayment and Moisture Guard Plus® (additional ventilation maybe required. Contact TAMKO's technical services department for more information)

In areas where ice builds up along the eaves or a back-up of water from frozen or clogged gutters is a potential problem, TAMKO's Moisture Guard Plus® waterproofing underlayment (or any specialty eaves flashing product) may be applied to eaves, rakes, ridges, valleys, around chimneys, skylights or dormers to help prevent water damage. Contact TAMKO's Technical Services Department for more information. TAMKO does not recommend the use of any substitute products as shingle underlayment.

5. APPLICATION INSTRUCTIONS

STARTER COURSE: Two starter course layers must be applied prior to application of Heritage Vintage AR Shingles.
The first starter course may consist of TAMKO Shingle Starter, three tab self-sealing type shingles or a 9 inch wide strip of mineral surface roll roofing. If three tab self-sealing shingles are used, remove the exposed tab portion and install with the factory applied adhesive adjacent to the eaves. If using three tab self-sealing shingles or shingle starter, remove 18 in. from first shingle to offset the end joints of the Vintage Starter. Attach the first starter course with approved fasteners along a line parallel to and 3 in. to 4 in. above the eave edge. The starter course should overhang both the eave and rake edge 1/4 in. to 3/8 in. Over the first starter course, install Heritage Vintage Starter AR and begin at the left rake edge with a full size shingle and continue across the roof nailing the Heritage Vintage Starter AR along a line parallel to and 6 in. from the eave edge.





Note: Do not allow Vintage Starter AR joints to be visible between shingle tabs. Cutting of the starter may be required.

HERITAGE VINTAGE STARTER AR
12 1/2" x 36" 20 PIECES PER BUNDLE
60 LINEAL FT. PER BUNDLE

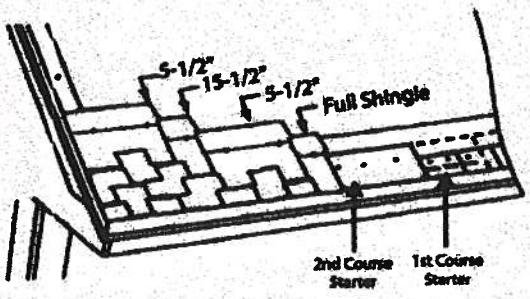
(Continued)

(CONTINUED from Pg. 2)

TAMKO BUILDING PRODUCTS

• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

SHINGLE APPLICATION: Start the first course at the left rake edge with a full size shingle and overhang the rake edge 1/4 in. to 3/8 in.. To begin the second course, align the right side of the shingle with the 5-1/2 in. alignment notch on the first course shingle making sure to align the exposure notch. (See shingle illustration on next page) Cut the appropriate amount from the rake edge so the overhang is 1/4" to 3/8". For the third course, align the shingle with the 15-1/2 in. alignment notch at the top of the second course shingle, again being sure to align the exposure notch. Cut the appropriate amount from the rake edge. To begin the fourth course, align the shingle with the 5-1/2 in. alignment notch from the third course shingle while aligning the exposure notch. Cut the appropriate amount from the rake edge. Continue up the rake in as many rows as necessary using the same formula as outlined above. Cut pieces may be used to complete courses at the right side. As you work across the roof, install full size shingles taking care to align the exposure notches. Shingle joints should be no closer than 4 in.



6. LOW SLOPE APPLICATION

On pitches 2 in. per foot to 4 in. per foot cover the deck with two layers of underlayment. Begin by applying the underlayment in a 19 in. wide strip along the eaves and overhanging the drip edge by 1/4 to 3/4 in. Place a full 36 in. wide sheet over the 19 in. wide starter piece, completely overlapping it. All succeeding courses will be positioned to overlap the preceding course by 19 in. If winter temperatures average 25°F or less, thoroughly cement the laps of the entire underlayment to each other with plastic cement from eaves and rakes to a point of a least 24 in. inside the interior wall line of the building. As an alternative, TAMKO's Moisture Guard Plus self-adhering waterproofing underlayment may be used in lieu of the cemented felts.

7. VALLEY APPLICATION

TAMKO recommends an open valley construction with Heritage Vintage AR shingles.

To begin, center a sheet of TAMKO Moisture Guard Plus, TW Underlayment or TW Metal & Tile Underlayment in the valley.

After the underlayment has been secured, install the recommended corrosion resistant metal (26 gauge galvanized metal or an equivalent) in the valley. Secure the valley metal to the roof deck. Overlaps should be 12" and cemented.

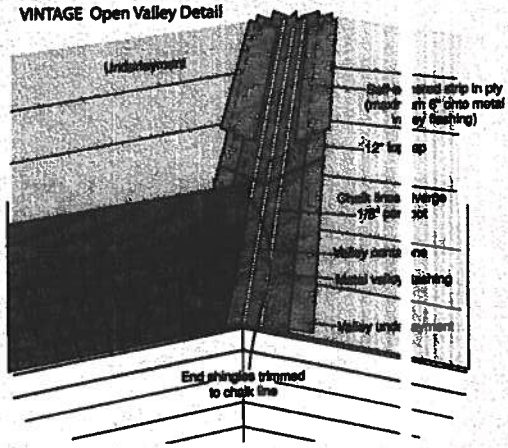
Following valley metal application; a 9" to 12" wide st p of TAMKO Moisture Guard Plus, TW Underlayment or TW fetal & Tile Underlayment should be applied along the edges of th metal valley flashing (max. 6" onto metal valley flashing) and on to of the valley underlayment. The valley will be completed with shingl application.

SHINGLE APPLICATION INSTRUCTIONS (OPEN VA LEY)

- Snap two chalk lines, one on each side of the valle centerline over the full length of the valley flashing. Locate th upper ends of the chalk lines 3" to either side of the valley cent rline.
- The lower end should diverge from each other by 1 8" per foot. Thus, for an 8' long valley, the chalk lines should b 7" either side of the centerline at the eaves and for a 16' val y 8".

As shingles are applied toward the valley, trim the last s ingle in each course to fit on the chalk line. Never use a shingle tr nmed to less than 12" in length to finish a course running into a valle If necessary, trim the adjacent shingle in the course to allow a longe portion to be used.

- Clip 1" from the upper corner of each shingle on a 5° angle to direct water into the valley and prevent it from p netrating between the courses.
- Form a tight seal by cementing the shingle to the v lley lining with a 3" width of asphalt plastic cement (conformi g to ASTM D 4586).



- **CAUTION:**

Adhesive must be applied in smooth, thin, even layer.

Excessive use of adhesive will cause blistering to this product.

TAMKO assumes no responsibility for blistering.

(Continued)

(CONTINUED from Pg. 3)

TAMKO BUILDING PRODUCTS

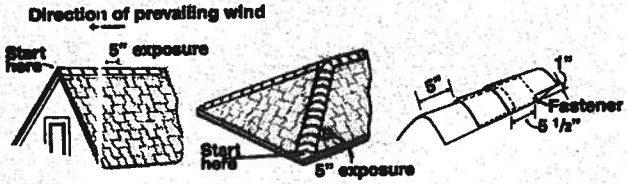
• HERITAGE® VINTAGE™ AR – Phillipsburg, KS
LAMINATED ASPHALT SHINGLES

8. HIP AND RIDGE FASTENING DETAIL

Apply the shingles with a 5 in. exposure beginning at the bottom of the hip or from the end of the ridge opposite the direction of the prevailing winds. Secure each shingle with one fastener on each side, 5-1/2 in. back from the exposed end and 1 in. up from the edge. TAMKO recommends the use of TAMKO Heritage Vintage Hip & Ridge shingle products.

Fasteners should be 1/4 in. longer than the ones used for shingles.

IMPORTANT: PRIOR TO INSTALLATION, CARE NEEDS TO BE TAKEN TO PREVENT DAMAGE WHICH CAN OCCUR WHILE BENDING SHINGLE IN COLD WEATHER.



THESE ARE THE MANUFACTURER'S APPLICATION INSTRUCTIONS FOR THE ROOFING CONDITIONS DESCRIBED. TAMKO BUILDING PRODUCTS, INC. ASSUMES NO RESPONSIBILITY FOR LEAKS OR OTHER ROOFING DEFECTS RESULTING FROM FAILURE TO FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

Visit Our Web Site at
www.tamko.com

Central District	220 West 4th St., Joplin, MO 64801	800-641-4691
Northeast District	4500 Tamko Dr., Frederick, MD 21701	800-368-2055
Southeast District	2300 35th St., Tuscaloosa, AL 35401	800-228-2656
Southwest District	7910 S. Central Exp., Dallas, TX 75216	800-443-1834
Western District	5300 East 43rd Ave., Denver, CO 80216	800-530-8868

Florida Building Code Online

Building Code Information System

Overview | User Registration | Organization Registration | User Activation | Organization Activation

Select the organization type, status, or name to find an organization

Organization Type: Product Manufacturer

Approval Status: (ALL)

Organization Name: General American Door - Product Manufacturer

Cancel Search

Results List for Organizations

Displaying 1-1 of 1

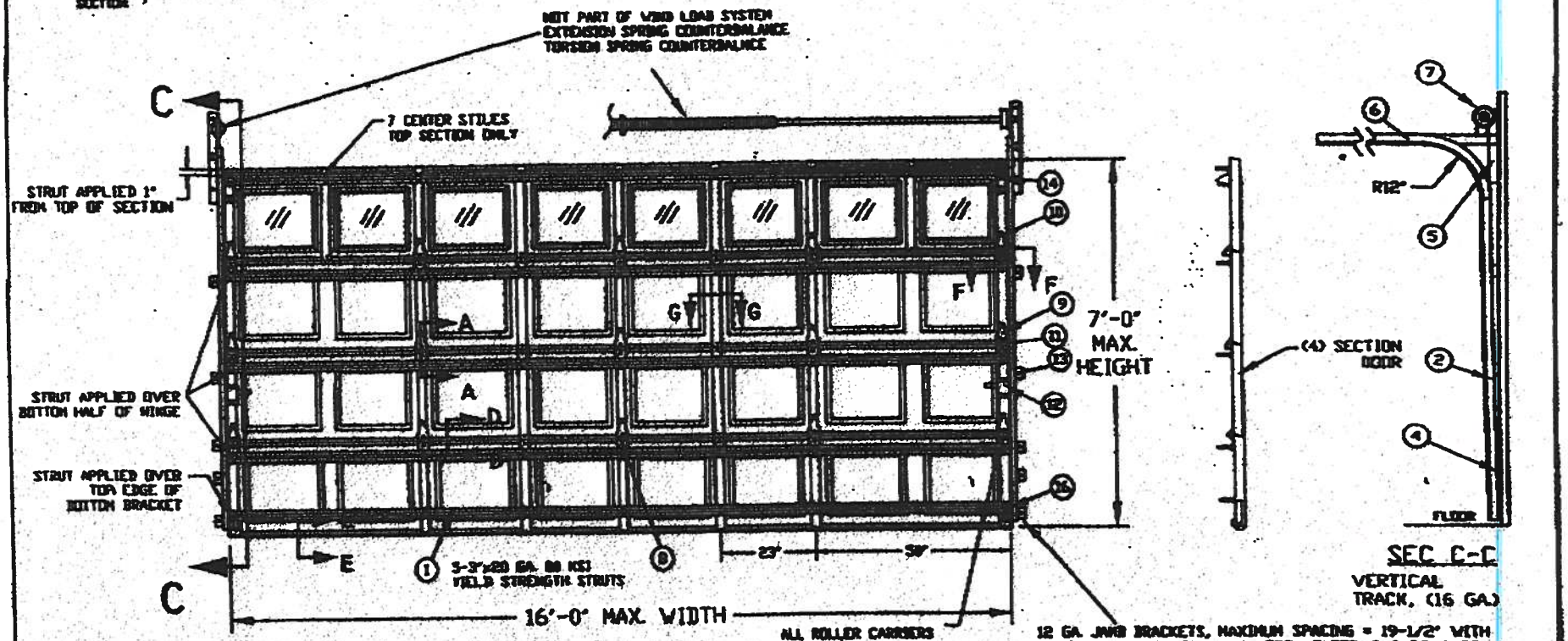
Name	City	Contact	Phone	Type	Expire	Status
General American Door	Montgomery	James Campbell	4805593000	Product Manufacturer	01/01/2009	Approved

City Codes FBM System ID: 3365

Displaying 1-1 of 1

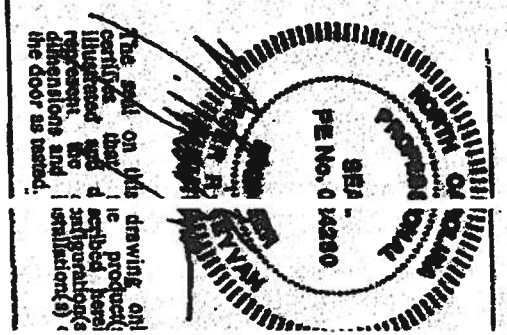
NOTES:

1. TESTED TO POSITIVE AND NEGATIVE 20 PSF DESIGN AND POSITIVE AND NEGATIVE 30 PSF TEST PRESSURES PER ASTM E-330
2. MAXIMUM SECTION HEIGHT= 21"
3. SECTION HEIGHTS OF 21.00" AND 19.50" ARE AVAILABLE AND MAY BE USED IN ANY COMBINATION TO ACHIEVE VARIOUS DOOR HEIGHTS.
4. WINDOWS MAY BE INSTALLED IN THE TOP SECTION (AS TESTED WITH 1/8" DSB GLASS OR EQUIVALENT) OR IN THE SECTION IMMEDIATELY BELOW THE TOP SECTION.
5. MINIMUM LENGTH OF ROLLER STEM IS 5 1/2" AS TESTED
6. THE STRUT PLACEMENT ON DOOR MUST BE CONSISTENT WITH THE DOOR SHOWN.
7. STRUTS SECURED AT ALL LOCATIONS WITH TEK SCREWS.
8. QUANTITY OF SIDE LOCKS CAN BE 0,1, OR 12 AS TESTED.
9. DROP IN TYPE OF INSULATION IS OPTIONAL



INSIDE ELEVATION

SEC C-C



REPORT No. 2202

TEST REPORTS ON FILE VIDEO 10/19/00 000933

DESIGN LOAD +20.0 PSF & -20.0 PSF
TEST LOAD +30.0 PSF & -30.0 PSF

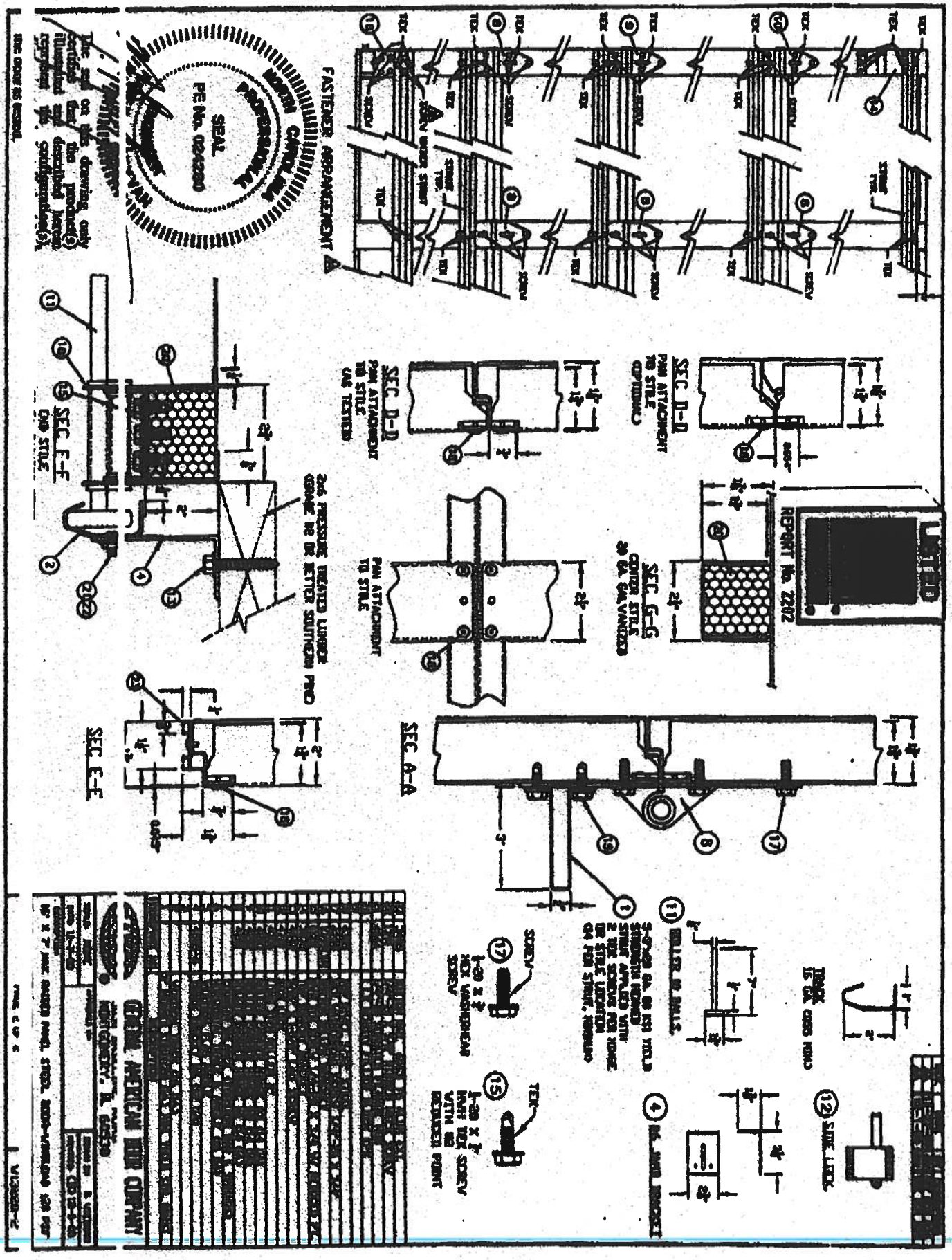
GADCO DOORS
SERIES 7400, EXTERIOR STEEL =.017 MIN (AS TESTED)
SERIES 7524, EXTERIOR STEEL =.024" MIN
(TESTED WITH WINDOWS)

MAXIMUM DOOR WIDTH	MAXIMUM DOOR HEIGHT	TYPICAL CTR. STILE SPACING	STRUTS 80 KSI SIZE	STRUTS 80 KSI QTY.	VERTICAL TRACK

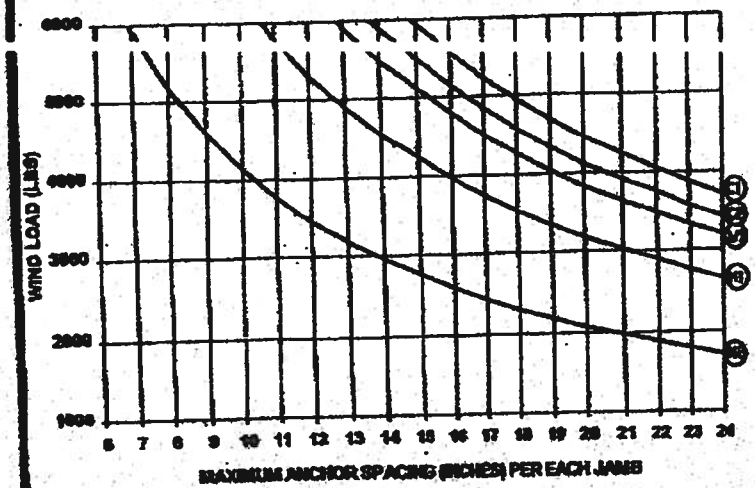
GADCO GENERAL AMERICAN DOOR COMPANY
5050 BASELINE ROAD

DRWG 103	APPROVED BY	DRWG No. & VERSION
DATE 10-20-00		REVISED (A) 11-19-00

DESCRIPTION
16' X 7' MAX. RAISED PANEL STEEL DOOR -WINDLOAD ±20 PSF


SEAL
PE No. 0043280
FASTENER ARRANGEMENT
SEC D-D
SEC D-D
SEC G-G
REPORT No. 2282
SEC E-E
SEC E-E
SEC A-A
SCREW
TEK
COLUMBIA, TENNESSEE

WIND LOAD vs ANCHOR SPACING



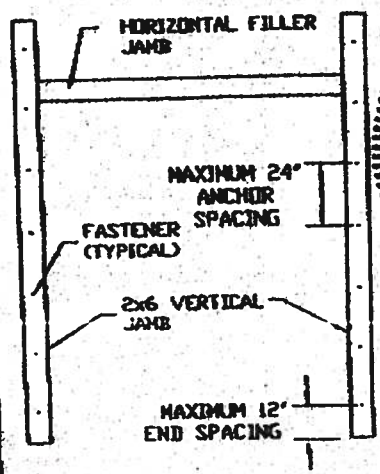
DESIGN LOAD (LBS)/FT² X GARAGE DOOR AREA(WIDTH-FT X HEIGHT-FT) = WIND LOAD(LBS)

EXAMPLE

30 LBS/FT² X 016 FT WIDE X 8 FT HIGH = 3840 LBS

(1) USE 22" SPACING
(2) USE 21" SPACING
(3) USE 19" SPACING
(4) USE 15" SPACING
(5) USE 10" SPACING

SEE NOTE 11 FOR ADDITIONAL REQUIRED 2X6 WOOD JAMB ANCHORS



2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

2x6 PRESSURE TREATED (GRADE #2 OR BETTER SOUTHERN PINE) WOOD JAMB SHALL BE ANCHORED TO BUILDING WOOD FRAME, [illegible] OR COLUMNS, OR REINFORCED CONCRETE COLUMNS.

NOTES:

1) ALL DOOR OPENING SURROUNDING STRUCTURE TO BE DESIGNED BY REGISTERED ENGINEER OR ARCHITECT WITH DUE CONSIDERATION GIVEN TO INSTALLATIONS USING CENTER "HURRICANE" POSTS.

2) ALL DOOR OPENING STRUCTURE AND FASTENERS TO COMPLY WITH ALL APPLICABLE CODES INCLUDING SBCCI "STANDARD FOR HURRICANE RESISTANT RESIDENTIAL CONSTRUCTION" SSTD 10," CURRENT EDITION.

3) ALL FASTENERS TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, INSTRUCTIONS AND RECOMMENDATIONS.

4) WOOD FRAME BUILDINGS: STUDS AT EACH SIDE OF DOOR OPENING SHALL BE PROPERLY DESIGNED, CONNECTED, ANCHORED AND SHALL CONSIST OF A MINIMUM OF THREE (3) LAMINATIONS OF 2X6 PRESSURE TREATED SOUTHERN PINE (#2 GRADE OR BETTER) WALL STUDS CONTINUOUS FROM FOOTING TO DOUBLE TOP PLATE.

5) REINFORCED CMU OR CONCRETE: 2X6 WOOD JAMB SHALL BE ANCHORED TO SOLIDLY GROUTED AND REINFORCED CONCRETE MASONRY UNIT (CMU) WALLS OR COLUMNS, OR REINFORCED CONCRETE COLUMNS. ANCHOR SPACING AND EMBEDMENT IS BASED ON CONCRETE MASONRY UNITS COMPLYING WITH ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 2000 PSI, GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI, REINFORCED CONCRETE COLUMNS WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.

6) EMBEDMENTS LISTED ARE THE MINIMUM ALLOWABLE EMBEDMENTS.

7) ANCHORS FOR CONCRETE AND CONCRETE MASONRY UNITS (CMU) SHALL HAVE A MINIMUM 3" EDGE DISTANCE FROM ALL EDGES OF CONCRETE OR CONCRETE MASONRY UNITS. ANCHORS FOR CONCRETE AND CMU SHALL HAVE A MINIMUM SPACING OF 3-3/4"

8) LAG SCREWS SHALL BE CENTERED IN ONE OF THE 1-1/2" DIMENSION FACES OF THE TRIPLE 2X6 WALL STUDS.

9) WASHERS ARE REQUIRED ON ALL FASTENERS.

10) THE WIND LOAD VS. ANCHOR SPACING CHART IS FOR A MAXIMUM DOOR SIZE OF 18' X 8' AT A MAXIMUM 42 PSF DESIGN WIND LOAD.

11) FOR THE UPPER THREE INDIVIDUAL STEEL JAMB BRACKETS, BRACKETS SHALL BE CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS. IF THE STEEL JAMB BRACKET IS NOT CENTERED BETWEEN THE TWO CLOSEST 2X6 WOOD JAMB ANCHORS, ADD AN ADDITIONAL 2X6 WOOD JAMB ANCHOR NEAR THAT STEEL BRACKET TO INSURE THAT THE LOAD FROM THE STEEL BRACKET IS EQUALLY TRANSFERRED TO TWO WOOD JAMB ANCHORS.

GENERAL AMERICAN DOOR COMPANY
3859 BASELINE ROAD
MONTGOMERY, IL 60538

MNE		BV
9-20-99		

JAMB TO STRUCTURE ATTACHMENT FOR WIND LOADED GARAGE DOORS

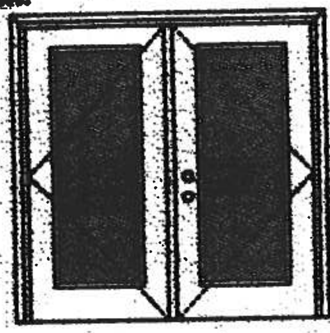
A1560

XX
Glazed Outswing Unit

[redacted]

WOOD-EDGE STEEL DOORS

APPROVED ARRANGEMENT:



Note:
Units of other sizes are covered by this report as long as the panels used do not exceed 3'6" x 6'8".

Double Door
Maximum unit size - 6'0" x 6'8"

Design Pressure
+40.5/-40.5
Limited water unless special threshold design is used.

Large Missile Impact Resistance
Hurricane protective system (shutters) is REQUIRED.

Actual design pressure and impact resistant requirements for a specific building design and geographic location is determined by ASCE 7-standard, state or local building codes specify the edition required.

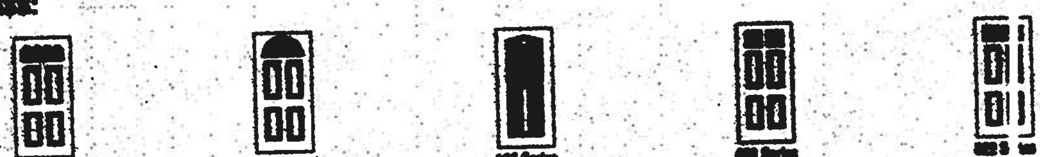
MINIMUM ASSEMBLY DETAIL:

Compliance requires that minimum assembly details have been followed – see MAD-WL-MA0 2-02 and MAD-WL-MA0041-02.

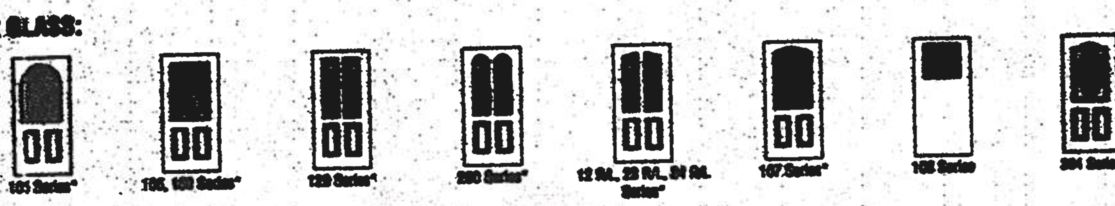
MINIMUM INSTALLATION DETAIL:

Compliance requires that minimum installation details have been followed – see MID-WL-MA 02-02.

APPROVED DOOR STYLES:
1/4 GLASS:



1/2 GLASS:



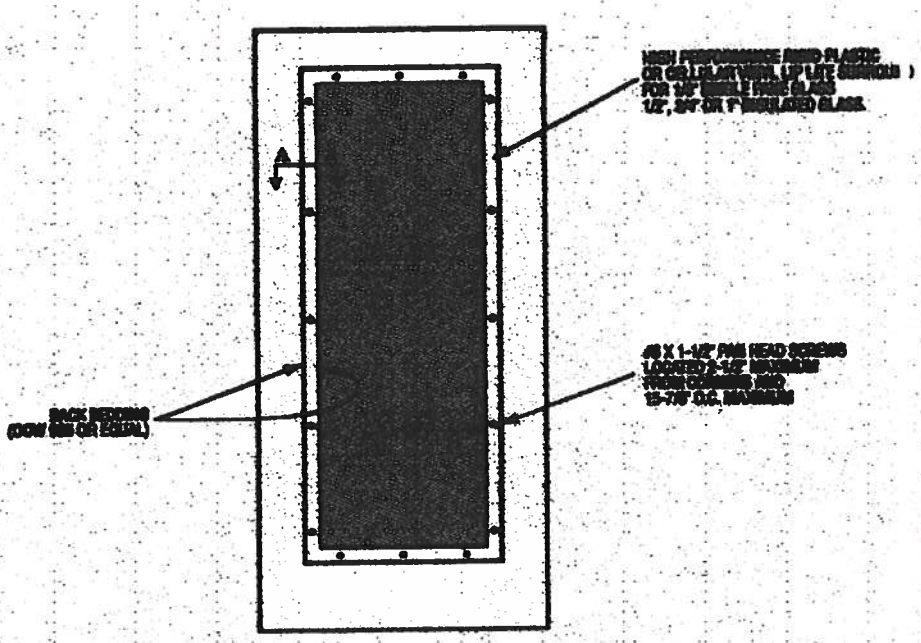
*This glass kit may also be used in the following door styles: 6-panel; 6-panel with scroll; Eyebrow 6-panel; Eyebrow 6-panel with scroll.

Johnson EntrySystems

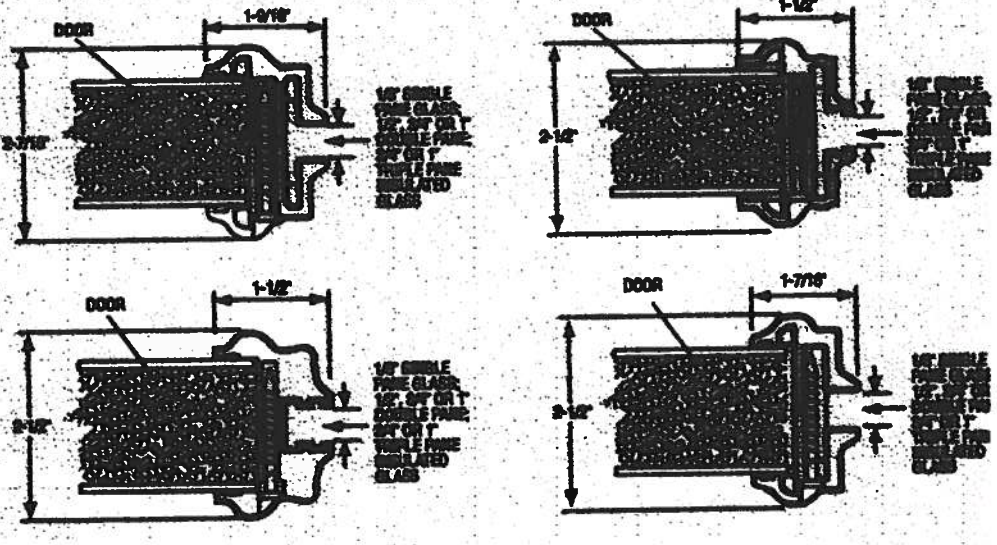
March 20, 2002
Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMDOR Collection · Exclusively on Masonite · Masonite International Corporation

GLASS INSERT IN DOOR OR SIDELITE PANEL



SECTION A-A
TYPICAL RIGID PLASTIC LIP LITE SURROUND



XX
Glazed Outswing Unit

[redacted]

WOOD-EDGE STEEL DOORS

APPROVED DOOR STYLES:

3/4 GLASS:

FULL GLASS:

CERTIFIED TEST REPORTS:

MCTL 210-1897-7, 8, 9, 10, 11, 12; MCTL 210-1884-5, 6, 7, 8; MCTL 210-2178-1, 2, 3

Certifying Engineer and License Number: Barry D. Portney, P.E. / 16258.

Unit Tested in Accordance with Miami-Dade BCCO PA202.

Evaluation report MCTL-210-2794-1

Door panels constructed from 26-gauge 0.017" thick steel skins. Both stiles constructed from wood. Top and rails constructed of 0.041" steel. Bottom end rails constructed of 0.021" steel. Interior cavity of slab filled with rigid polyurethane foam core. Slab glazed with insulated glass mounted in a rigid plastic lip fit surround.

Frame constructed of wood with an extruded aluminum bumper threshold.

PRODUCT COMPLIANCE LABELING:

TESTED IN
ACCORDANCE WITH
MIAMI-DADE BCCO PA202

COMPANY NAME
CITY, STATE

To the best of my knowledge and ability the above side-hinged exterior door unit conforms to the requirements of the 2001 Florida Building Code, Chapter 17 (Structural Tests and Inspections).

Kurt L Balthazor

State of Florida, Professional Engineer
Kurt Balthazor, P.E. – License Number 56533

[redacted]

Johnson

March 29, 2002
The continuing program of product improvement makes specifications, weights and product dimensions subject to change without notice.

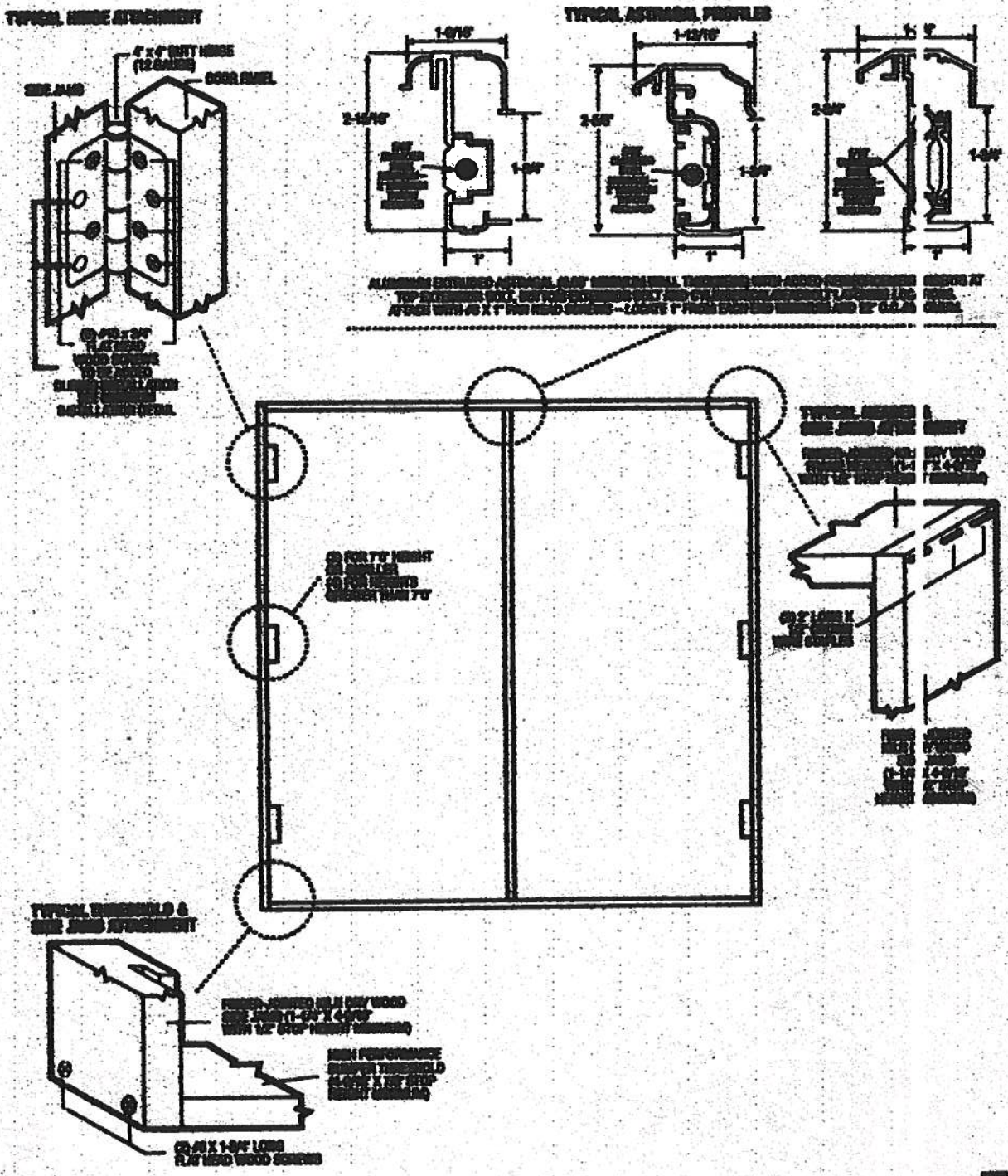
FIBERDOR

Masonite

Masonite International Corporation

XX
Unit

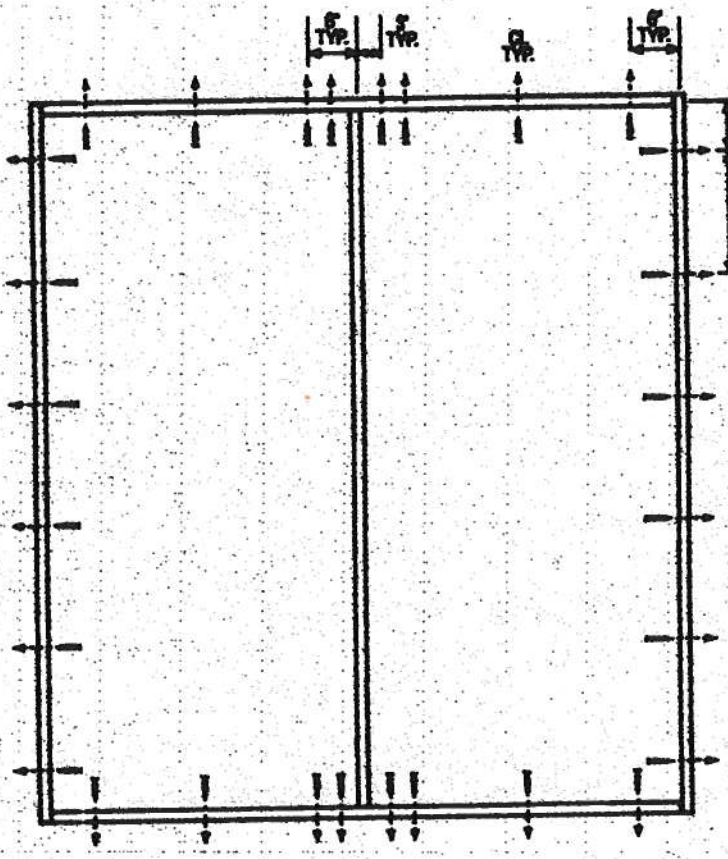
OUTSWING UNITS WITH DOUBLE DOOR



XX
Unit

[redacted]

DOUBLE D[redacted]OR



[redacted]

- 8 per vertical framing member
- 8 per horizontal framing member

Hinge and strike plates require two 2-1/2" long screws per location.

Latching Hardware:

- Compliance requires that GRADE 2 or better (ANSI/BHMA A156.2) cylindrical and deadlock hardware be installed.

Notes:

1. Anchor calculations have been carried out with the lowest (least) fastener rating from the different fasteners being considered for use. F[redacted]steners analyzed for this unit include #8 and #10 wood screws or 3/16" Tapcons.
2. The wood screw single shear design values come from Table 11.3A of ANSI/AF & PA NDS for southern pine lumber with a side member thickness of 1-1/4" and achievement of minimum embedment. The 3/16" Tapcon single shear design values come from the ITW and ELCO Data Co[redacted]try approvals respectively, each with minimum 1-1/4" embedment.
3. Wood bucks by others, must be anchored properly to transfer loads to the structure.

[redacted]

FRENDOR[redacted]

Masonite

Masonite International Co[redacted]poration

March 29, 2022
Our continuous program of product improvement makes specifications, designs and product detail subject to change without notice.

FLORIDA DEPARTMENT OF
Community Affairs

Community Affairs

- COMMUNITY PLANNING
- HOUSING & COMMUNITY DEVELOPMENT
- EMERGENCY MANAGEMENT
- OFFICE OF THE SECRETARY

Product Approval
USER: Public User

Product Approval Menu > Product or Application Search > Application List > **Application Detail**

FL #	FL5108
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	MI Windows and Doors
Address/Phone/Email	650 W Market St Gratz, PA 17030 (717) 365-3300 ext 2101 surich@miwd.com
Authorized Signature	Steven Urich surich@miwd.com
Technical Representative Address/Phone/Email	
Quality Assurance Representative Address/Phone/Email	

Window

[redacted]

Validator / Operations Administrator

AAMA
CERTIFICATION PROGRAM

AUTHORIZATION FOR PRODUCT CERTIFICATION

MI Windows & Doors, Inc.
P.O. Box 370
Gratz, PA 17030-0370

Attn: Bill Emley

The product described below is hereby approved for listing in the next issue of the AAMA Certified Products Directory. The approval is based on successful completion of tests, and the reporting to the Administrator of the results of tests, accompanied by related drawings, by an AAMA Accredited Laboratory.

1. The listing below will be added to the next published AAMA Certified Products Directory.

SPECIFICATION	RECORD OF PRODUCT TESTED				LABEL ORDER NO.
AAMA/NWWDA 101/I.S. 2-97 H-R55*-38x62					
COMPANY AND PLANT LOCATION	CODE NO.	SERIES MODEL & PRODUCT DESCRIPTION	MAXIMUM SIZE TESTED		
			FRAME	SASH	
MI Windows & Doors, Inc. (Dickerson, PA) MI Windows & Doors, Inc. (Smyrna, TN)	MTL-8 MTL-9	185/3185 SH (Fin) (AL)(CO)(DG) (ASTM)	39" x 62"	21.0" x 27"	By Request

2. This Certification will expire May 14, 2008 and requires validation until then by continued listing in the current AAMA Certified Products Directory.

3. Product Tested and Reported by: Architectural Testing, Inc.

Report No.: 01-50360.02

Date of Report: June 14, 2004

NOTE: PLEASE REVIEW, AND ADVISE ALL IMMEDIATELY IF DATA, AS SHOWN, NEEDS CORRECTION.

Date: August 1, 2005

Validated for Certification:

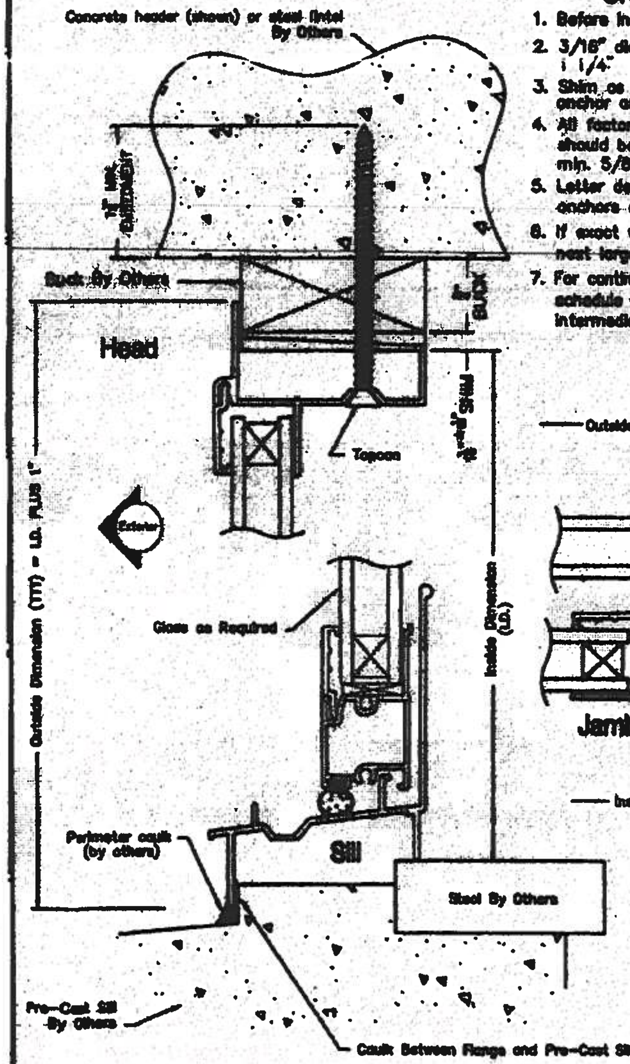
Associated Laboratories, Inc.

Authorized for Certification:

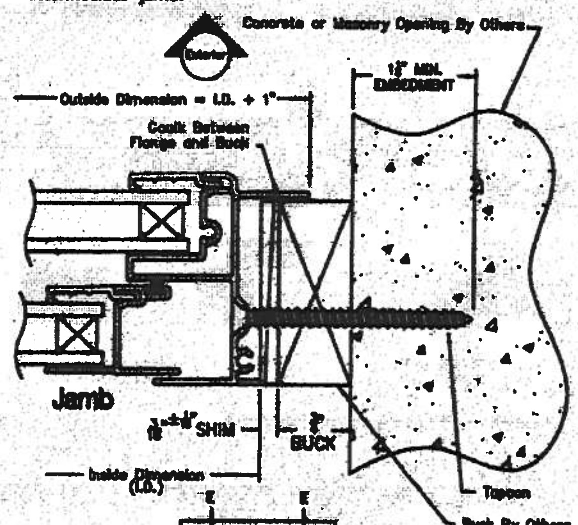
American Architectural Manufacturers Association

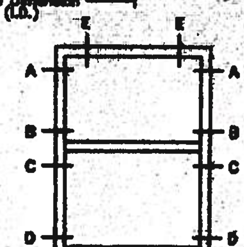
cc: AAMA
JGS/df
ACP-04 (Rev. 5/03)

"ONE BY" (3/4") BUCKS (SHOWN)



1. Before installation, caulk back of flange, or face of buck.
2. 3/16" dia. masonry Tapcon must be of a length to have 1 1/4" embedment into masonry or concrete.
3. Shim as required with load bearing shims at each installation anchor as shown.
4. All factory applied holes not designated for Tapcon anchor should be filled with #10 screws of sufficient length to provide min. 5/8" embedment into wood buck.
5. Letter designations on the Tapcon location chart indicate where anchors are to be installed using the elevation as a key.
6. If exact window size is not given, use anchor quantity for next larger window in chart.
7. For continuous head and all twins & triples, use the same fastener schedule for each unit in the main frame except ignore the intermediate jambs.





"TWO BY" (1 1/2") BUCKS

"TWO BY" bucks are engineered and fastened to the masonry opening BY OTHERS.

Follow the same instructions and fastener requirements for "one by" bucks except use #10 screws of sufficient length for 1 1/4" minimum embedment into buck.

MI HOME PRODUCTS BetterBilt / Capitol

*TAPCON LOCATION CHART

CODE SIZE	WINDOW ID SIZE	FASTENER LOCATIONS: UP TO DP35	FASTENER LOCATIONS: DP35.1 TO DP55	FASTENER LOCATIONS: DP55.1 TO DP55.3
12	18 1/8 x 25	A, D & E	A, D & E	A, D & E
13	18 1/8 x 37 3/8	A, D & E	A, D & E	A, D & E
14	18 1/8 x 49 5/8	A, D & E	A, D & E	A, D & E
15	18 1/8 x 62	A, D & E	A, D & E	A, D & E
16	18 1/8 x 71	A, D & E	A, D & E	A, D & E
17	18 1/8 x 83	A, D & E	A, D & E	A, D & E
1/2 32	25 1/2 x 25	A, D & E	A, D & E	A, D & E
1/2 33	25 1/2 x 37 3/8	A, D & E	A, D & E	A, D & E
1/2 34	25 1/2 x 49 5/8	A, D & E	A, D & E	A, D & E
1/2 35	25 1/2 x 62	A, D & E	A, D & E	A, D & E
1/2 36	25 1/2 x 71	A, D & E	A, D & E	A, D & E
1/2 37	25 1/2 x 83	A, D & E	A, D & E	A, C, D & E
22	36 x 25	A, D & E	A, D & E	A, D & E
23	36 x 37 3/8	A, D & E	A, D & E	A, D & E
24	36 x 49 5/8	A, D & E	A, D & E	A, D & E
25	36 x 62	A, D & E	A, D & E	A, D & E
26	36 x 71	A, D & E	A, D & E	A, C, D & E
27	36 x 83	A, D & E	A, C, D & E	A, C, D & E
32	52 1/8 x 25	A, D & E	A, D & E	A, D & E
33	52 1/8 x 37 3/8	A, D & E	A, D & E	A, D & E
34	52 1/8 x 49 5/8	A, D & E	A, D & E	A, D & E
35	52 1/8 x 62	A, D & E	A, C, D & E	A, C, D & E
36	52 1/8 x 71	A, D & E	A, C, D & E	A, B, C, D & E
37	52 1/8 x 83	A, D & E	A, C, D & E	A, B, C, D & E
2040	23 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
2050	23 3/8 x 59 5/8	A, D & E	A, D & E	A, D & E
2060	23 3/8 x 71 5/8	A, D & E	A, D & E	A, D & E
[illegible]	[illegible] x 83 5/8	A, D & E	A, D & E	A, D & E
[illegible]	[illegible] x 47 5/8	A, D & E	A, D & E	A, D & E
[illegible]	[illegible] x 59 5/8	A, D & E	A, D & E	A, D & E
[illegible]	[illegible] x 71 5/8	A, D & E	A, D & E	A, C, D & E
3070	[illegible] x 83 5/8	A, D & E	A, C, D & E	A, C, D & E
4040	47 3/8 x 47 5/8	A, D & E	A, D & E	A, D & E
4050	47 3/8 x 59 5/8	A, D & E	A, D & E	A, C, D & E
4060	47 3/8 x 71 5/8	A, D & E	A, C, D & E	A, C, D & E
4070	47 3/8 x 83 5/8	A, D & E	A, C, D & E	A, B, C, D & E
4450	51 3/8 x 59 5/8	A, D & E	A, D & E	A, C, D & E
4460	51 3/8 x 71 5/8	A, D & E	A, C, D & E	A, B, C, D & E
4470	[illegible] x 83 5/8	A, D & E	A, C, D & E	A, B, C, D & E

*"TAPCON" TYPE HARDENED MASONRY SCREWS INCLUDE TAPCON, RAWL, & SIMPSON

REV	DESCRIPTION	DATE	BY
A	REVISED SILL INSTALLATION ANCHOR SCREWS	[illegible]	[illegible]

MI HOME PRODUCTS
GRATZ, PA

185/3185 SINGLE HUNG FLANGE FRAME INSTALLATION DETAILS & FASTENER SCHEDULE

SCALE: N.T.S.
REV: A
DWG NO: MHP0059
SHEET: 1 OF 1

Residential System Sizing Calculation

Summary

W sburg Resi lence
Hv ' 47
La e city, FL 3 2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

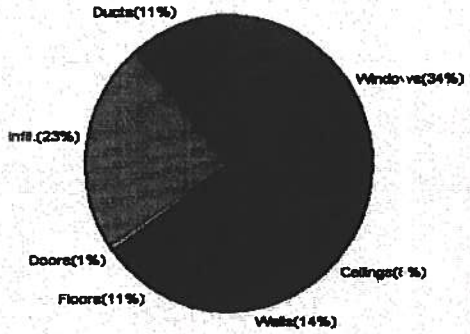
7/18/2007

L	cation for w	eather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
H	midity data	Interior RH (50%)	Outdoor wet bulb (77F)	Humidity difference(54gr.)	
W	nter design	temperature	33 F	Summer design temperature	92 F
W	nter setpoi	t	70 F	Summer setpoint	75 F
W	nter tempe	ature difference	37 F	Summer temperature difference	17 F
T	**tal heating**	**load calculation**	**28223 Btuh**	**Total cooling load calculation**	**42397 Btuh**
S	omitted he	ting capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
T	al (Electric	Heat Pump)	138.2 39000	Sensible (SHR = 0.75)	81.9 29250
H	at Pump +	Auxiliary(0.0kW)	138.2 39000	Latent	145.8 9750
				Total (Electric Heat Pump)	92.0 39000

WINTER CALCULATIONS

W nter Heating Load (for 1480 sqft)

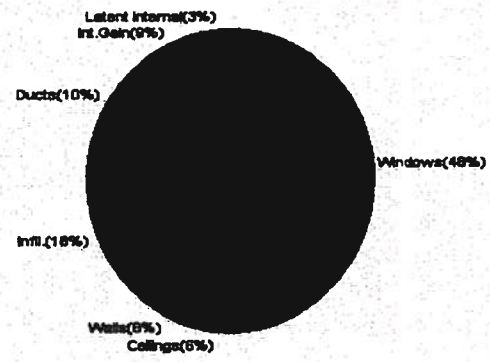
L	ad compone	nt		Load	
W	ndow total	294	sqft	9474	Btuh
W	ll total	1228	sqft	4032	Btuh
D	or total	18	sqft	233	Btuh
C	iling total	1550	sqft	1826	Btuh
F	or total	188	sqft	3075	Btuh
Ir	ltration	158	cfm	6395	Btuh
D	ct loss			3188	Btuh
S	**btotal**			**28223**	**Btuh**
V	ntilation	0	cfm	0	Btuh
T	**TAL HEAT .OSS**			**28223**	**Btuh**



SUMMER CALCULATIONS

S mmer Cooli g Load (for 1480 sqft)

L	ad compone	nt		Load	
V	ndow total	294	sqft	20473	Btuh
V	ll total	1228	sqft	2377	Btuh
D	or total	18	sqft	176	Btuh
C	iling total	1550	sqft	2567	Btuh
F	or total			0	Btuh
Ir	ltration	138	cfm	2571	Btuh
Ir	emal gain			3780	Btuh
D	ct gain			3764	Btuh
S	ns. Ventilati n	0	cfm	0	Btuh
T	**tal sensible gain**			**35709**	**Btuh**
L	ent gain(du ts)			440	Btuh
L	ent gain(inf tration)			5048	Btuh
L	ent gain(ve tilation)			0	Btuh
L	tent gain(int rnal/occupants/other)			1200	Btuh
T	**tal latent g in**			**6688**	**Btuh**
T	**TAL HEAT GAIN**			**42397**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 7-18-07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

W sburg Res dence
H / 47
La e city, FL 3 2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

Re erence City Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/18/2007

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	75.0	32.2	2414 Btuh
2	2, Clear, Metal, 0.87	SW	15.0	32.2	483 Btuh
3	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
4	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
5	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
6	2, Clear, Metal, 0.87	E	9.0	32.2	290 Btuh
7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
8	2, Clear, Metal, 0.87	E	33.3	32.2	1073 Btuh
9	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
10	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
11	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
12	2, Clear, Metal, 0.87	S	15.0	32.2	483 Btuh
	Window Total		294(sqft)		9474 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	910	3.3	2988 Btuh
2	Frame - Wood - Adj(0.09)	13.0	318	3.3	1044 Btuh
	Wall Total		1228		4032 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		18	12.9	233 Btuh
	Door Total		18		233Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1550	1.2	1826 Btuh
	Ceiling Total		1550		1826Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	188.0 ft(p)	16.4	3075 Btuh
	Floor Total		188		3075 Btuh
			Envelope Subtotal:		18640 Btuh
nfiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.80	11840	1228 157.9	6395 Btuh
Ductload				(DLM of 0.127)	3188 Btuh
ll Zones			**Sensible Subtotal All Zones**		**28223 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

W ɔsburg Res ɪdence
H y 47
L: ɛe city, FL : 2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

7/18/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	28223 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	28223 Btuh

EQUIPMENT

. Electric H ɜat Pump	#	39000 Btuh

K : Window typ s (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)
K : Floor size (ɾ erimeter(p) for slab-on-grade or area for all other floor types)

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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

W sburg Resi lence
Hv ' 47
La e city, FL 3 :024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

Re erence City Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/18/2007

Component Loads for Zone #1: Main

	Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
	1	2, Clear, Metal, 0.87	W	75.0	32.2	2414 Btuh
	2	2, Clear, Metal, 0.87	SW	15.0	32.2	483 Btuh
	3	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
	4	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
	5	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
	6	2, Clear, Metal, 0.87	E	9.0	32.2	290 Btuh
	7	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
	8	2, Clear, Metal, 0.87	E	33.3	32.2	1073 Btuh
	9	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
	10	2, Clear, Metal, 0.87	S	20.0	32.2	644 Btuh
	11	2, Clear, Metal, 0.87	S	6.0	32.2	193 Btuh
	12	2, Clear, Metal, 0.87	S	15.0	32.2	483 Btuh
		Window Total		294(sqft)		9474 Btuh
	Walls	Type	R-Value	Area X	HTM=	Load
	1	Frame - Wood - Ext(0.09)	13.0	910	3.3	2988 Btuh
	2	Frame - Wood - Adj(0.09)	13.0	318	3.3	1044 Btuh
		Wall Total		1228		4032 Btuh
	Doors	Type		Area X	HTM=	Load
	1	Insulated - Adjacent		18	12.9	233 Btuh
		Door Total		18		233Btuh
	Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
	1	Vented Attic/D/Shin	30.0	1550	1.2	1826 Btuh
		Ceiling Total		1550		1826Btuh
	Floors	Type	R-Value	Size X	HTM=	Load
	1	Slab On Grade	5	188.0 ft(p)	16.4	3075 Btuh
		Floor Total		188		3075 Btuh
				Zone Envelope Subtotal:		18640 Btuh
	nfiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
		Natural	0.80	11840	1228	157.9	6395 Btuh
	Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)			(DLM of 0.127)	3188 Btuh
	:one #1			**Sensible Zone Subtotal**		**28223 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

V nsburg Re: idence
H y 47
L ke city, FL :2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

7/18/2007

	Subtotal Sensible	28223 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	28223 Btuh

. Electric H eat Pump	#	39000 Btuh

K r: Window typ s (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)
K r: Floor size (erimeter(p) for slab-on-grade or area for all other floor types)

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System Sizing Calculations - Summer

Residential Load - Whole House Component Details

W ısburg Res dence
H y 47
L: :e city, FL : 2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

R ference Cit : Gainesville (Defaults) Summer Temperature Difference: 17.0 F 7/18/2007

Component Loads for Whole House

		Type*		Overhang		Window Area(sqft)			HTM		Load
/indow	F	V/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2	Clear, 0.87, None,N,N	W	1.5ft	8ft.	75.0	0.0	75.0	29	80	5984 Btuh
2	2	Clear, 0.87, None,N,N	SW	1.5ft	8ft.	15.0	0.0	15.0	29	63	938 Btuh
3	2	Clear, 0.87, None,N,N	NW	1.5ft	8ft.	15.0	0.0	15.0	29	60	901 Btuh
4	2	Clear, 0.87, None,N,N	W	1.5ft	8ft.	40.0	0.0	40.0	29	80	3181 Btuh
5	2	Clear, 0.87, None,N,N	W	1.5ft	8ft.	6.0	0.0	6.0	29	80	477 Btuh
6	2	Clear, 0.87, None,N,N	E	1.5ft	8ft.	9.0	0.0	9.0	29	80	716 Btuh
7	2	Clear, 0.87, None,N,N	E	1.5ft	10ft.	30.0	0.0	30.0	29	80	2385 Btuh
8	2	Clear, 0.87, None,N,N	E	5.5ft	10ft.	33.3	6.2	27.2	29	80	2339 Btuh
9	2	Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385 Btuh
10	2	Clear, 0.87, None,N,N	S	1.5ft	8ft.	20.0	20.0	0.0	29	34	579 Btuh
11	2	Clear, 0.87, None,N,N	S	1.5ft	8ft.	6.0	6.0	0.0	29	34	174 Btuh
12	2	Clear, 0.87, None,N,N	S	1.5ft	8ft.	15.0	15.0	0.0	29	34	434 Btuh
	V	/indow Total				294 (sqft)					20473 Btuh

Walls	ype	R-Value/U-Value	Area(sqft)	HTM	Load
1	ame - Wood - Ext	13.0/0.09	909.7	2.1	1897 Btuh
2	ame - Wood - Adj	13.0/0.09	318.0	1.5	480 Btuh
	/all Total		1228 (sqft)		2377 Btuh

Doors	ype	Area (sqft)	HTM	Load
1	sulated - Adjacent	18.0	9.8	176 Btuh
	oor Total	18 (sqft)		176 Btuh

eilings	ype/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	ented Attic/DarkShingle	30.0	1550.0	1.7	2567 Btuh
	eiling Total		1550 (sqft)		2567 Btuh

Floors	ype	R-Value	Size	HTM	Load
1	lab On Grade	5.0	188 (ft(p))	0.0	0 Btuh
	loor Total		188.0 (sqft)		0 Btuh

	Envelope Subtotal:	25594 Btuh

I iltration	ype	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	ensibleNatural	0.70	11840	1228	157.9	2571 Btuh

nternal gain	Occupants	Btuh/occupant	Appliance	Load
	6	X 230 +	2400	3780 Btuh

Sensible Envelope Load:	31944 Btuh
(DGM of 0.118)	3764 Btuh
Sensible Load All Zones	**35709 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

V nsburg Re: idence
H y 47
L ke city, FL 2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

7/18/2007

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**31944**	**Btuh**
	Sensible Duct Load	3764	Btuh
	Total Sensible Zone Loads	**35709**	**Btuh**
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Wh ole House	**Total sensible gain**	**35709**	**Btuh**
Totak for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	5048	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	440	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	**6688**	**Btuh**
	TOTAL GAIN	**42397**	**Btuh**

EQUIPMENT

. Central U nit	#	39000 Btuh

*h y: Window t) es (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))
(Omt - compass orientation)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

W nsburg Re: idence
H y 47
L ke city, FL :2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

R ference Cit /: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 7/18/2007

omponent Loads for Zone #1: Main

Window	Type* n/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	, Clear, 0.87, None,N,N	W	1.5ft	8ft.	75.0	0.0	75.0	29	80	5964 Btuh
2	, Clear, 0.87, None,N,N	SW	1.5ft	8ft.	15.0	0.0	15.0	29	63	938 Btuh
3	, Clear, 0.87, None,N,N	NW	1.5ft	8ft.	15.0	0.0	15.0	29	60	901 Btuh
4	, Clear, 0.87, None,N,N	W	1.5ft	8ft.	40.0	0.0	40.0	29	80	3181 Btuh
5	, Clear, 0.87, None,N,N	W	1.5ft	8ft.	6.0	0.0	6.0	29	80	477 Btuh
6	, Clear, 0.87, None,N,N	E	1.5ft	8ft.	9.0	0.0	9.0	29	80	716 Btuh
7	, Clear, 0.87, None,N,N	E	1.5ft	10ft.	30.0	0.0	30.0	29	80	2385 Btuh
8	, Clear, 0.87, None,N,N	E	5.5ft	10ft.	33.3	6.2	27.2	29	80	2339 Btuh
9	, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385 Btuh
10	, Clear, 0.87, None,N,N	S	1.5ft	8ft.	20.0	20.0	0.0	29	34	579 Btuh
11	, Clear, 0.87, None,N,N	S	1.5ft	8ft.	6.0	6.0	0.0	29	34	174 Btuh
12	, Clear, 0.87, None,N,N	S	1.5ft	8ft.	15.0	15.0	0.0	29	34	434 Btuh
	Window Total				294 (sqft)					20473 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	rame - Wood - Ext	13.0/0.09	909.7	2.1	1897 Btuh
2	rame - Wood - Adj	13.0/0.09	318.0	1.5	480 Btuh
	Vall Total		1228 (sqft)		2377 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	nsulated - Adjacent	18.0	9.8	176 Btuh
	loor Total	18 (sqft)		176 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	ented Attic/DarkShingle	30.0	1550.0	1.7	2567 Btuh
	eiling Total		1550 (sqft)		2567 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	lab On Grade	5.0	188 (ft(p))	0.0	0 Btuh
	loor Total		188.0 (sqft)		0 Btuh

				Zone Envelope Subtotal:	25594 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	ensibleNatural	0.70	11840	1228	138.1	2571 Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load
	6	X 230	+	2400	3780 Btuh

	Sensible Envelope Load:	31944 Btuh

Duct load		
	rop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic) (DGM of 0.118)	3764 Btuh
	Sensible Zone Load	**35709 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

W nsburg Re: idence
H y 47
L ‹e city, FL ›2024-

Project Title:
Daniel & Kathy Winsburg

Code Only
Professional Version
Climate: North

7/18/2007

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**31944**	**Btuh**
	Sensible Duct Load	3764	Btuh
	Total Sensible Zone Loads	**35709**	**Btuh**
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Wh ›le House	**Total sensible gain**	**35709**	**Btuh**
Total for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	5048	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	440	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	**6688**	**Btuh**
	TOTAL GAIN	**42397**	**Btuh**

EQUIPMENT

. Central U nit	#	39000 Btuh

*I y: Window t› es (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))
(Omt - compass orientation)

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

W nsburg Res idence
H y 47
L: ke city, FL : 2024-

Project Title:
Daniel & Kathy Winsburg

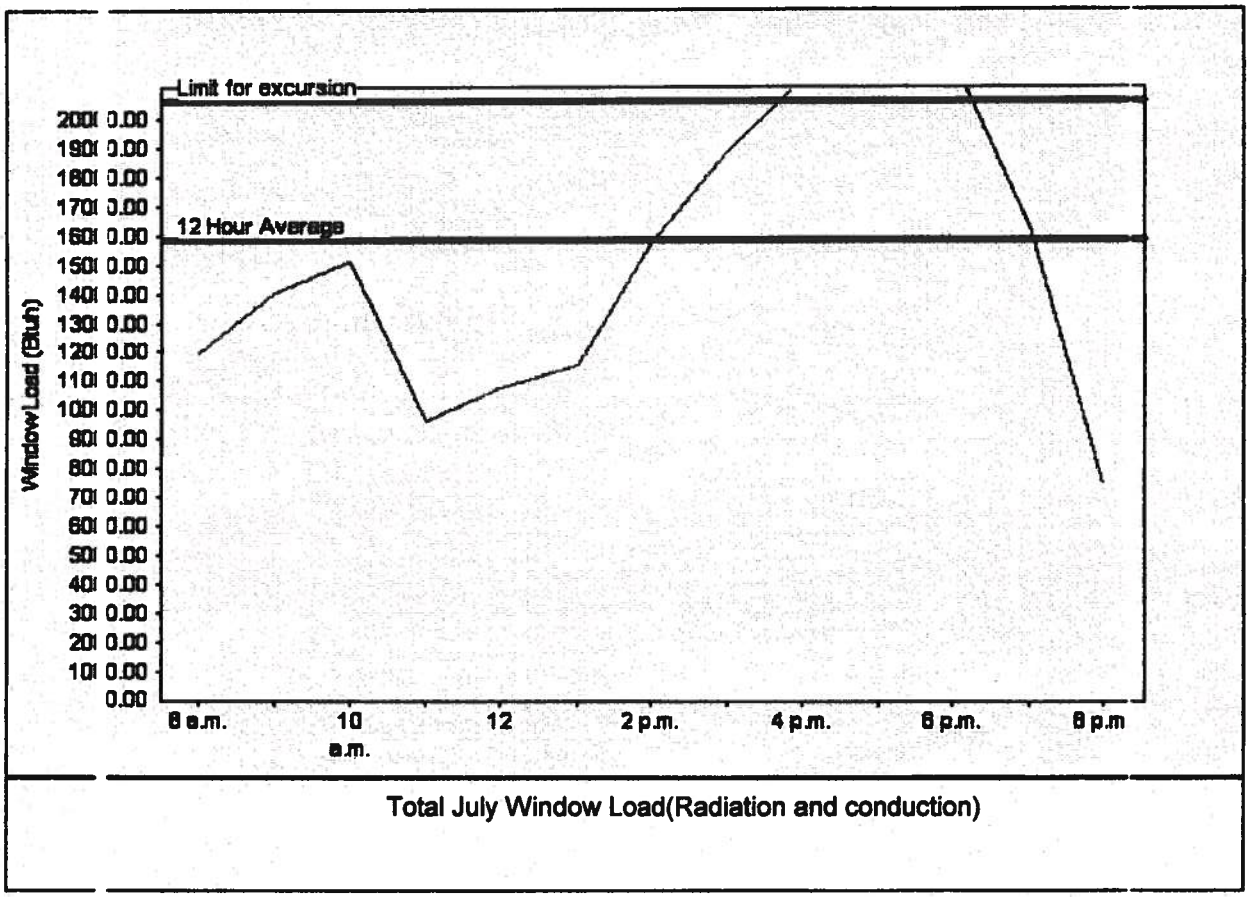
Code Only
Professional Version
Climate: North

7/18/2007

Weat er data for: Gainesville - Defaults

Summe r design temperature	92 F	Average window load for July	15829 Btu
Summe r setpoint	75 F	Peak window load for July	22711 Btu
Summe r temperature difference	17 F	Excusion limit(130% of Ave.)	20577 Btu
Latitude	29 North	Window excursion (July)	2133 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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

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 10-5S-16-03529-004 **Building permit No.** 000026179

Use Classification SFD,UTILITY **Fire:** 51.36

Permit Holder NATHAN PETERSEN **Waste:** 134.00

Owner of Building MICHAEL & ERICA WINSBERG **Total:** 185.36

Location: 8635 SW SR 47, LAKE CITY, FL 32024

Date: 02/18/2008

Wayne A. Russ

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)