DATE 09/06/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000026204

APPLICANT JOHNNY FULGER PHONE 752-6524

ADDRESS 504 SW SUNVIEW STREET FORT WHITE FL 32038

OWNER JOHNNY & JOANNA FULGER PHONE 752-6524

ADDRESS 504 SW SUNVIEW STREET FORT WHITE FL 32038

CONTRACTOR OWNWE BUILDER PHONE

LOCATION OF PROPERTY 47 S, R SUNVIEW STREET, THEN 1/4 MILE ON THE RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 145350.00

HEATED FLOOR AREA 2907.00 TOTAL AREA 4352.00 HEIGHT 19.00 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 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 33-5S-16-03751-218 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 5.00

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			Johnny Fulgar

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	07-0643	BK	JH	N

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, SECTION 14.9 SPECIAL FAMILY LOT

Check # or Cash 001

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 $ 730.00 CERTIFICATION FEE $ 21.76 SURCHARGE FEE $ 21.76

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** 848.52

INSPECTORS OFFICE L.H.C 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.

Designer/Nancy 239 495-5478 8.6.07

Columbia County Building Permit Application

CK 601 26204

For Office Use Only Application # 0708-58 Date Received 8/24/07 By CG Permit # 26204

Application Approved by - Zoning Official BLK Date 31.08.07 Plans Examiner OKJTH Date 9-4-07

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

Comments Section 14.9 ; family Lot limit

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

Name Authorized Person Signing Permit JOHNNY & JOANNA FULGER Phone 7526524 Fax

Address P.O. Box 504, LAKE CITY, FL 32056-0504

Owners Name SAME AS ABOVE Phone

911 Address 504 SW SUNVIEW STREET, Ft. White, FL 32038

Contractors Name JOHNNY & JOANNA FULGER Phone

Address —

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address SATEK DESIGN COLLECTION.

Mortgage Lenders Name & Address CASH

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

Property ID Number 33-5S-16-03754-218 Estimated Cost of Construction 120,000.

Subdivision Name SOUTH WIND - PART 1 - LOT - Lot 9 Block Unit Phase

Driving Directions 90 Hwy 47 South to Sunview St. Turn Right AND it is 1/4 Mile on Right Side.

Type of Construction FRAME-SFD Number of Existing Dwellings on Property

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

Actual Distance of Structure from Property Lines - Front 300' Side 250' Side 250' Rear 300'

Total Building Height 19' Number of Stories 1 Heated Floor Area 2,907 TOTAL 4,352 Roof Pitch 6'12

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

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

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

Joanna Fulger Johnny Fulger

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL
LAURIE HOBSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters

Sworn to (or affirmed) and subscribed before me this 06 day of 08 2007

Personally known ____ or Produced Identification ✓

Notary Signature #1446

(Revised Sept. 20(

Called 1 H 9-1-07 # applied for culvert 9.7.07

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.

YOLANDA M. FULGER, the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and JOHNNY + JOANNE FULGER, 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 PARENTS, 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. 33-5S-16-03751-209.

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. 33-5S-16-03751-218.

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.

Yolanda M. Fulger
Owner

Johnny Fulger + Joanna Fulger
Family Member

Yolanda M Fulger
Typed or Printed Name

Johnny Fulger & JoAnna Fulger
Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 7th day of August, 2007, by Yolanda Fulger (Owner) who is personally known to me or has produced _____ as identification.

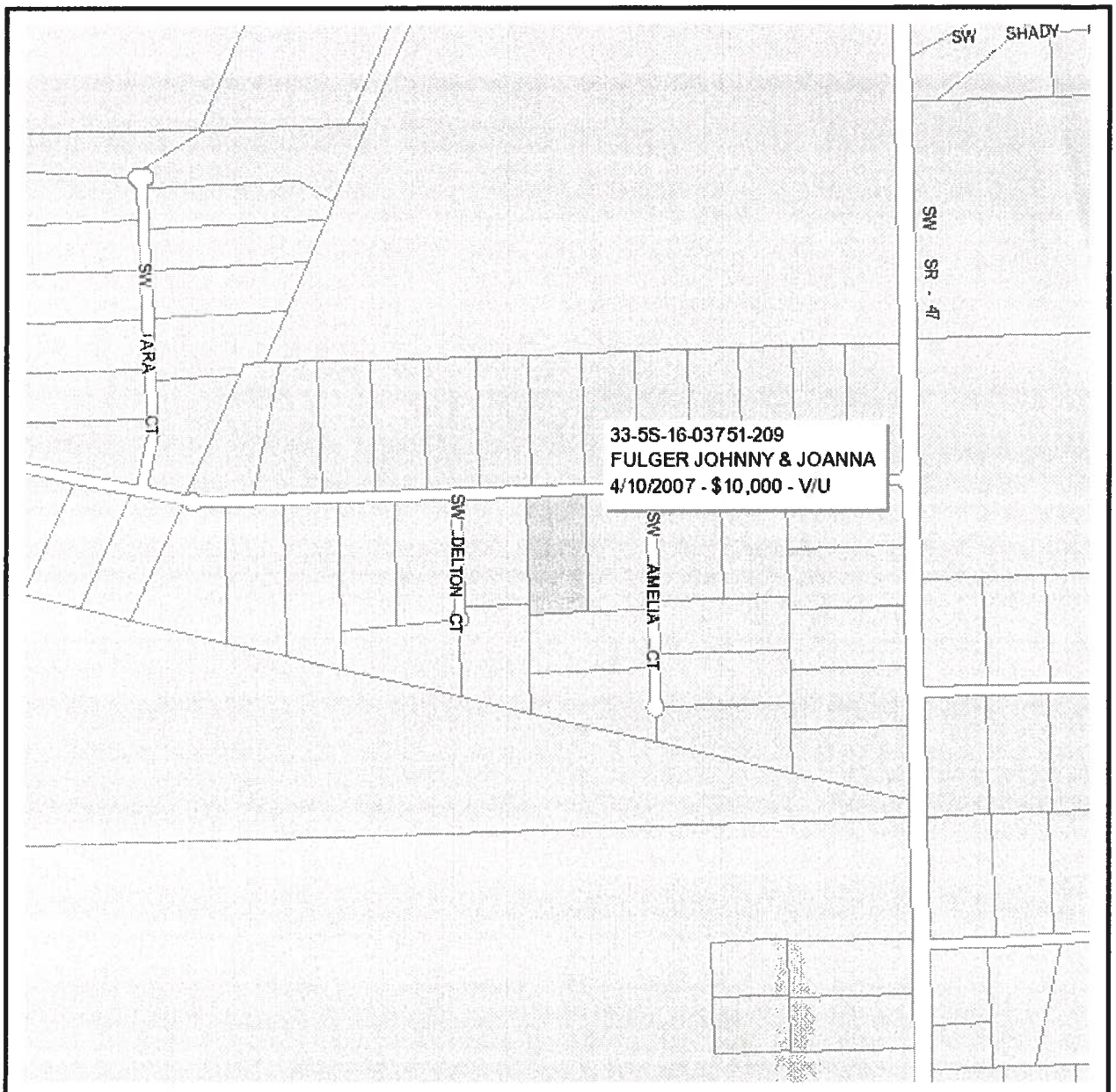
Marcia J. Dow
Notary Public

MARCIA T. DOW
MY COMMISSION # DD 282042
EXPIRES: January 26, 2008
Bonded Thru Notary Public Underwriters

Subscribed and sworn to (or affirmed) before me this 7th day of August, 2007, by Johnny & JoAnna Fulger (Family Member) who is personally known to me or has produced _____ as identification.

Marcia J. Dow
Notary Public

MARCIA T. DOW
MY COMMISSION # DD 282042
EXPIRES: January 26, 2008
Bonded Thru Notary Public Underwriters

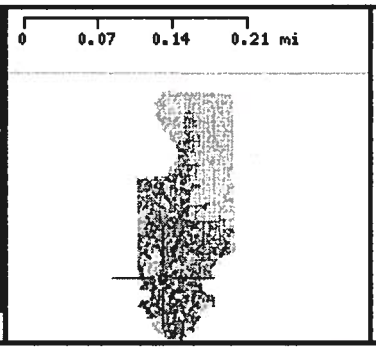


Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 33-5S-16-03751-209 - VACANT (000000)

Name:	FULGER JOHNNY & JOANNA	LandVal	$58,000.00
Site:	SOUTH WIND	BldgVal	$0.00
Mail:	P O BOX 504 LAKE CITY, FL 32056	ApprVal	$58,000.00
		JustVal	$58,000.00
Sales Info	4/10/2007 $10,000.00 V / U 12/1/2006 $22,000.00 V / U	Assd	$58,000.00
		Exmpt	$0.00
		Taxable	$58,000.00



This information, GIS Map Updated: 8/2/2007, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001446

DATE 09/07/2007 PARCEL ID # 33-5S-16-03751-218

APPLICANT JOHNNY FULGER PHONE 386.752.6524

ADDRESS POB 504 LAKE CITT FL 32056

OWNER JOHNNY & JOANNA FULGER PHONE 386.752.6524

ADDRESS 504 SW SUNVIEW STREET FT. WHITE FL 32038

CONTRACTOR JOHNNY FULGER PHONE 386.752.6524

LOCATION OF PROPERTY 47-S TO SUNVIEW STREET,TR & IT'S 1/4 MILE ON THE R.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT SOUTH WIND-PART OF 9 SOUTH

SIGNATURE Johnny Fulger

INSTALLATION REQUIREMENTS

[X] Culvert size will be 18 inches in diameter with a total lenght of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:
a) a majority of the current and existing driveway turnouts are paved, or;
b) the driveway to be served will be paved or formed with concrete.
Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

[ ] Culvert installation shall conform to the approved site plan standards.

[ ] Department of Transportation Permit installation approved standards.

[ ] Other _____

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED DURING THE INSTALATION OF THE CULVERT.

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

Amount Paid 25.00

COLUMBIA COUNTY GATEWAY TO FLORIDA

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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

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

Tax Parcel ID Number 33-3S-16-03751-209 **Permit Number** 000026204

1. Description of property: (legal description of the property and street address or 911 address)
504 SW Sunview Street
Ft. White, FL 32038

Inst:200712020300 Date:9/7/2007 Time:8:36 AM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

2. General description of improvement: ~~Foundation~~

3. Owner Name & Address Johnny + Joanna Fulgs
504 SW Sunview St Ft. White, FL 32038 **Interest in Property** 100%

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

5. Contractor Name Johnny + Joanna Fulgs **Phone Number**
Address 504 SW Sunview St, Ft. White, FL. 32038

6. Surety Holders Name **Phone Number**
Address
Amount of Bond

7. Lender Name **Phone Number**
Address

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:
Name **Phone Number**
Address

9. In addition to himself/herself the owner designates **of** **to receive a copy of the Lien Notice as provided in Section 713.13 (1) –**
(a) 7. Phone Number of the designee

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

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

Johnny + Joanna Fulgs
Signature of Owner

Sworn to (or affirmed) and subscribed before day of 8-6-07

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

Signature of Notary **NOTARY STAMP/SEAL**

-DL

J: 426-432-50-960 J-426-430-52-906-0

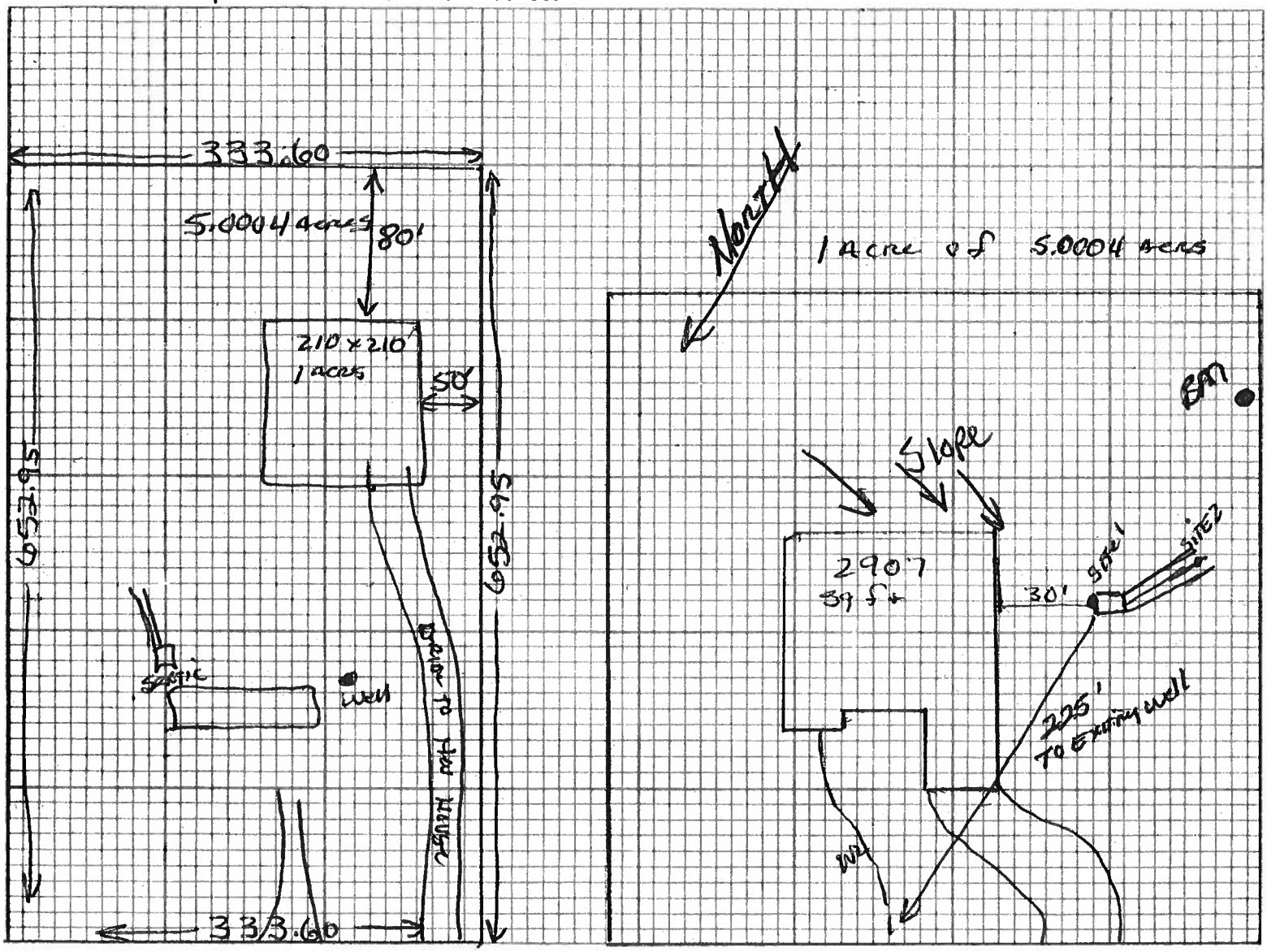
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 07-0643

PART II - SITE PLAN

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



Notes: SW SUNVIEW CT

Johnny & Joanna Folger

Lot 9 Southwind

33-55-16-03751-209

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

Plan Approved ✓ Not Approved _____ Date 8/13/07

By [signature] Columbia County Health Departmen

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 3/20/2007 **DATE ISSUED:** 3/21/2007

ENHANCED 9-1-1 ADDRESS:

504 SW SUNVIEW ST

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

33-5S-16-03751-209

Remarks:

PARENT PARCEL

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

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

678

Approved Address

MAR 21 2007

911Addressing/GIS Dept

HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL
OWNERS

PHONE (386) 752-1854
FAX (386) 755-7022
904 NW MAIN BLVD.
LAKE CITY, FLORIDA 32055

January 23,2007

Notice To All Contractors:

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm tank is used then we will install a cycle stop valve which will produce the same results. All wells will have a pump & tank combination that will be sufficient enough for each situation.

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

Thank You ,

Donald D. Hall

Johnny Fuller

504 SW Sunview St

Lake City, Fla. 32024

PRODUCT APPROVAL SPECIFICATION SHEET

Location: _____ **Project Name:** _____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			FL 4242.1 +
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS	Alenco.	1111 / FI214.10	
1. Single hung	Alenco	3753 – FL 7674.1	FL. 6029.7 +
2. Horizontal Slider			
3. Casement	Bilt Best Windows & Doors		
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding Hardie			
2. Soffits			FL. 889 -122
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			Shingles Hip Rdg Starter
1. Asphalt Shingles	ELK	Shingles	728.4, 728.5, 728.6
2. Underlayments			
3. Roofing Fasteners			30RF→ FL. 1814.3
4. Non-structural Metal Rf	Wheeling Corrugating Co.	Century Brass	15RF→ FL. 1814.1
5. Built-Up Roofing			FI.5190 — X
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

When recorded, mail to:

Name: Johnny L. Fulger

Address: P.O. Box 504

City/State/Zip Code: Lake City, Fl. 32056

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office
P. DeWITT CASON, CLERK OF COURTS
By Bonnie Dow Deputy Clerk
Date 8-03-2007

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

Inst:200708036 Date:04/10/2007 Time:10:23
Doc Stamp-Deed : 70.00
DC,P.DeWitt Cason,Columbia County B:1115 P:

QUITCLAIM DEED

KNOW ALL MEN BY THESE PRESENTS:

That I(we), Yolanda M. Fulger, the undersigned, for the consideration of Ten Dollars ($10.00), and other valuable considerations, do hereby release, remise, and forever quitclaim unto Johnny & Joanna Fulger, all right, title and interest in that certain Property situated in Columbia County, State of Florida, and described as follows: The south 261.03 Feet of Lot 9 of "southWind" as per plat thereof record recorded in plat Book 6, Page 179 of the public records of Columbia County, florida. Together with an Easement for ingress and Egress over and across the west 30.00 ft. of the north 391.92 feet of lot 9 of "south wind" as per plat thereof recorded recorded in plat Book 6, Page 179 of the public records of Columbia County, Fl

IN WITNESS WHEREOF, I(we) have hereunto set my(our) hand(s) and seal this 10th day of April, 2007.

Yolanda M. Fulger
Printed Name of Releasor

Yolanda M. Fulger
Signature of Releasor

Printed Name of Releasor

Signature of Releasor

Frances Mandy
Printed Name of Witness (if required by State Laws)

Frances Mandy
Signature of Witness (if required by State Laws)

ACKNOWLEDGMENT
(States Other Than California)

State of Florida)
)
County of Columbia)

Inst:2007008016 Date:04/10/2007 Time:10:23
Doc Stamp-Deed : 70.00
DC,P.DeWitt Cason,Columbia County B:1115 P:2

On this 10th day of April, 2007, before me, the undersigned Notary Public, personally appeared Yolanda Fulger,

known to me to be the individual(s) who executed the foregoing instrument and acknowledged the same to be his(her)(their) free act and deed.

My Commission Expires: 8-20-07

Sharon O. Parker
Notary Public

If acknowledged in the State of Florida, complete section(s) below:

(Releasor) ☒ Personally Known (or) ☐ Produced Identification

If applicable, Type of Identification Produced: _____

(Co-Releasor) ☐ Personally Known (or) ☐ Produced Identification

If applicable, Type of Identification Produced: _____

Sharon O. Parker
My Commission DD217961
Expires August 20, 2007

ACKNOWLEDGMENT
(State Of California)

State of California)
) ss.
County of _____)

On this _____ day of _____, _____, before me, _____, the undersigned Notary Public, personally appeared,

_____,

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is(are) subscribed to the attached instrument and acknowledged to me that he(she)(they) executed the same in his(her)(their) authorized capacity(ies),and that by his(her)(their) signature(s) on the instrument, the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

_____
Notary Public

NOTORIZED DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THER OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed $75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F .I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

( ) Single Family Dwelling
( ) Farm Outbuilding
( ) Two-Family Residence
( ) Other_____

NEW CONSTRUCTION OR IMPROVEMENT

(X) New Construction
( ) Addition, Alteration, Modification or other Improvement

I JOHNNY & JOANNA FULGHUM, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Johnny & Joanna Fulgh
Owner Builder Signature Date

The above signer is personally known to me or produced identification ✓ D.L. J.426-432-50-096 0 + J.426-430-52-906-0

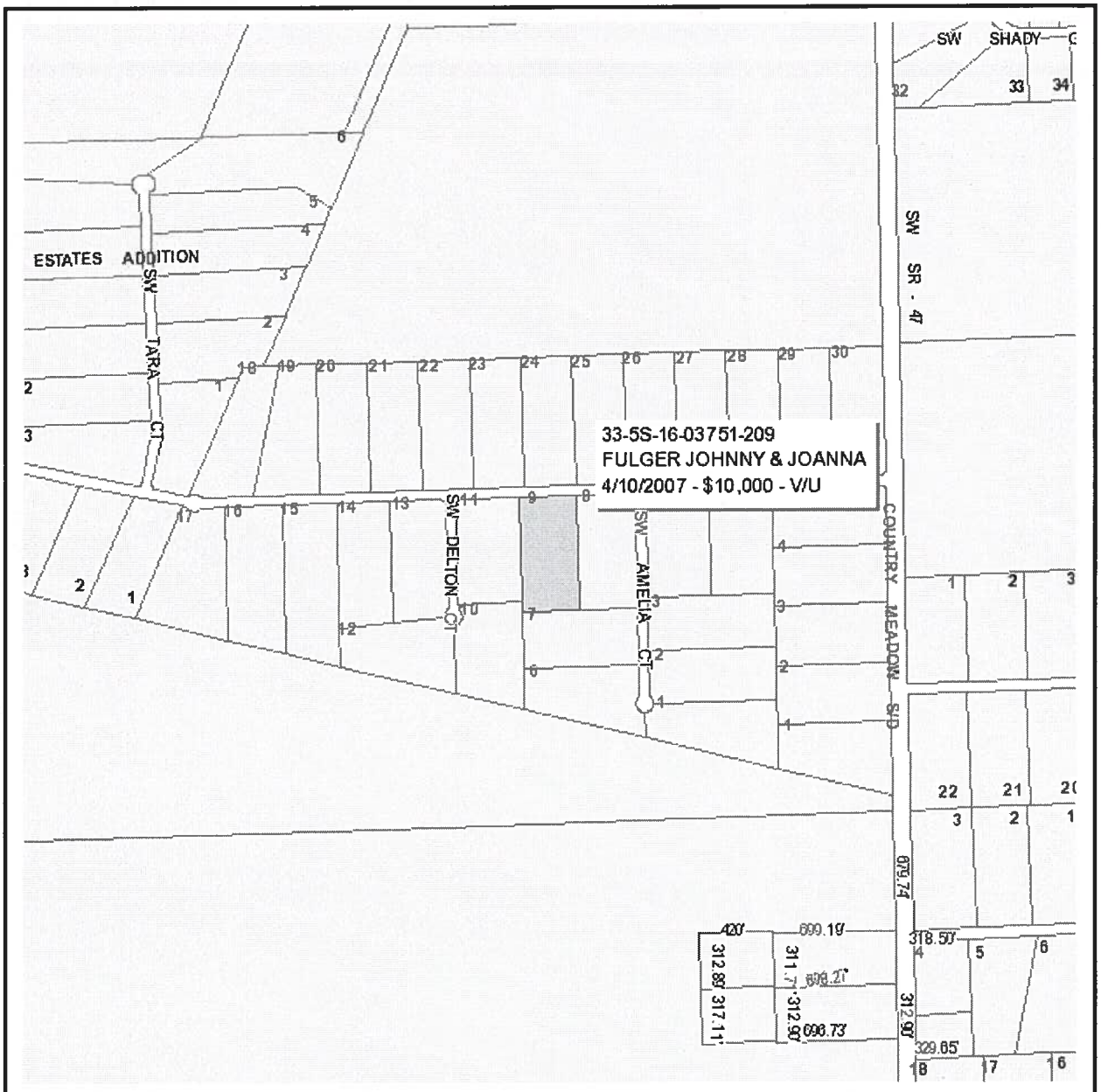
Notary Signature _____ Date 8-6-07

LAURIE HODSON
MY COMMISSION # DD 333503
EXPIRES: June 28, 2008
Bonded Thru Notary Public Underwriters
(Stamp / Seal)

FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date 9-6-07 Building Official/Representative _____

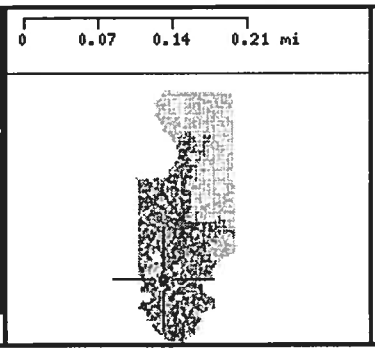


Columbia County Property Appraiser

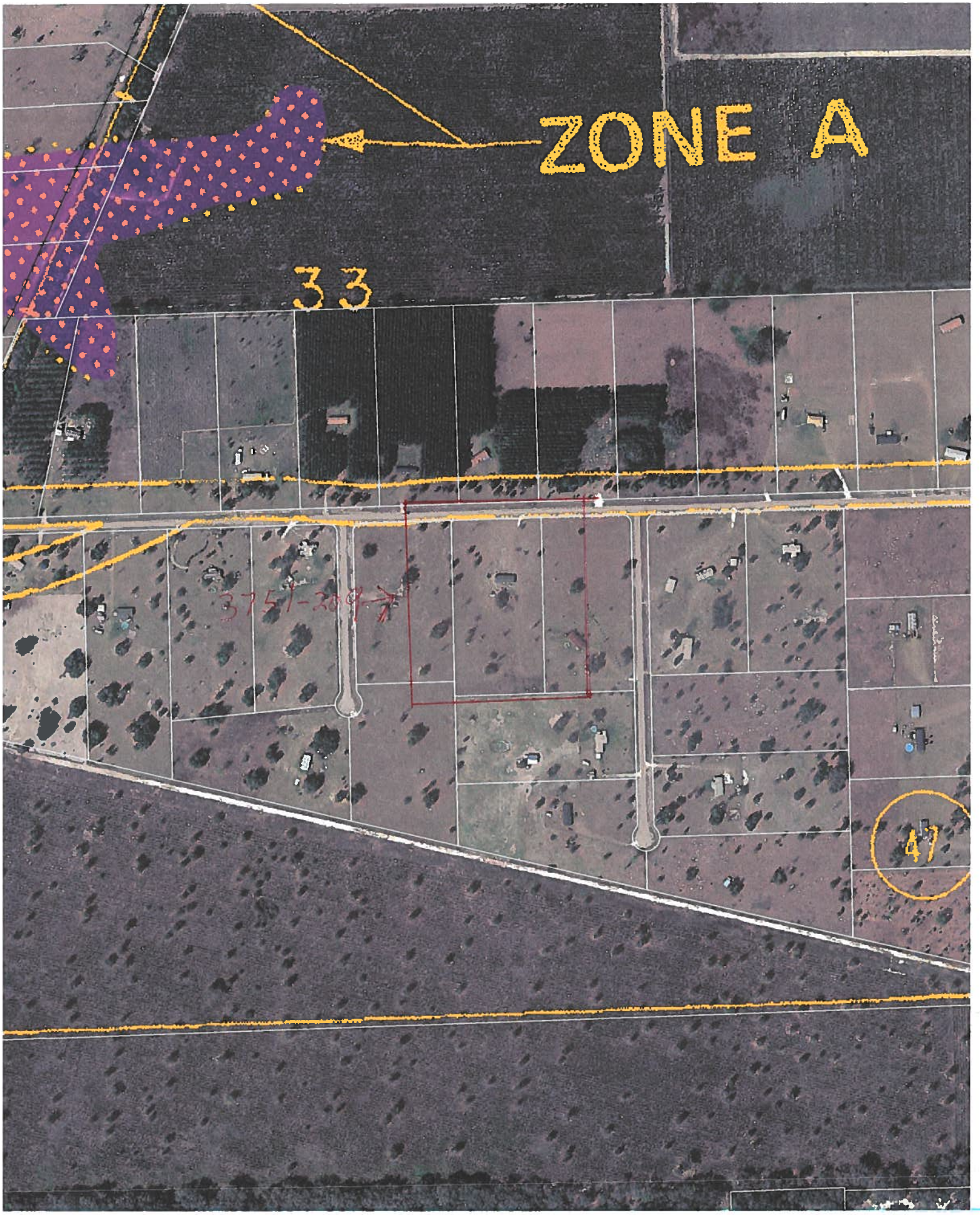
J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 33-5S-16-03751-209 - VACANT (000000)

Name:	FULGER JOHNNY & JOANNA	LandVal	$58,000.00
Site:	SOUTH WIND	BldgVal	$0.00
Mail:	P O BOX 504 LAKE CITY, FL 32056	ApprVal	$58,000.00
		JustVal	$58,000.00
Sales	4/10/2007 $10,000.00 V / U	Assd	$58,000.00
Info	12/1/2006 $22,000.00 V / U	Exmpt	$0.00
		Taxable	$58,000.00



This information, GIS Map Updated: 8/2/2007, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.


ZONE A
33
3751-2
47

```
@ CAM112M01     S  CamaUSA Appraisal System                      Columbia County
 8/24/2007 16:28  Legal Description Maintenance          22400  Land   001   *
Year T Property                          Sel                     AG     000
2007 R 33-5S-16-03751-218                 ...                    Bldg   000
                                                                  Xfea   000
       FULGER JOHNNY & JOANNA                             22400  TOTAL      B

  1  THE SOUTH 261.03 FT OF LOT 9    SOUTHWIND S/D ORB 1115-2749        2
  3                                                                     4
  5                                                                     6
  7                                                                     8
  9                                                                    10
 11                                                                    12
 13                                                                    14
 15                                                                    16
 17                                                                    18
 19                                                                    20
 21                                                                    22
 23                                                                    24
 25                                                                    26
 27                                                                    28
                                                  Mnt  8/21/2007 LARRY
F1=Task  F3=Exit  F4=Prompt  F10=GoTo  PgUp/PgDn  F24=More
```

FORM 600A-2004R EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Fulger Kinsey Design**	Builder:	Owner
Address:		Permitting Office:	Columbia
City, State:	,	Permit Number:	26204
Owner:	**Mr. Johnny Fulger**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	2907 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
	a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 328.3 ft²	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 328.3 ft²	
8.	Floor types		
	a. Slab-On-Grade Edge Insulation	R=0.0, 330.0(p) ft	
	b. N/A		
	c. N/A		
9.	Wall types		
	a. Frame, Wood, Exterior	R=13.0, 2338.1 ft²	
	b. N/A		
	c. N/A		
	d. N/A		
	e. N/A		
10.	Ceiling types		
	a. Under Attic	R=30.0, 2907.0 ft²	
	b. N/A		
	c. N/A		
11.	Ducts		
	a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 65.0 ft	
	b. N/A		

12.	Cooling systems		
	a. Central Unit/Split	Cap: 32.0 kBtu/hr SEER: 13.00	
	b. N/A		
	c. N/A		
13.	Heating systems		
	a. Electric Heat Pump/Split	Cap: 32.0 kBtu/hr HSPF: 8.50	
	b. N/A		
	c. N/A		
14.	Hot water systems		
	a. Electric Resistance	Cap: 52.0 gallons EF: 0.90	
	b. N/A		
	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	PT, CF,	

Glass/Floor Area: 0.11

Total as-built points: 34234
Total base points: 36405

PASS

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

PREPARED BY: _____

DATE: _____

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , 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	2907.0	18.59	9727.0	1.Double, Clear	E	1.0	6.0	50.0	42.06	0.97	2039.0	
				2.Double, Clear	E	1.0	6.0	15.0	42.06	0.97	611.0	
				3.Double, Clear	S	6.0	6.0	60.0	35.87	0.52	1120.0	
				4.Double, Clear	S	1.0	6.0	34.2	35.87	0.94	1157.0	
				5.Double, Clear	W	1.0	6.0	40.0	38.52	0.97	1495.0	
				6.Double, Clear	W	1.0	6.0	25.0	38.52	0.97	934.0	
				7.Double, Clear	N	1.0	6.0	50.0	19.20	0.98	936.0	
				8.Double, Clear	N	1.0	6.0	20.0	19.20	0.98	374.0	
				9.Double, Clear	N	1.0	6.0	34.2	19.20	0.98	640.0	
				As-Built Total:				**328.3**			**9306.0**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2338.1	1.50		3507.2	
Exterior	2338.1	1.70	3974.8									
Base Total:	**2338.1**		**3974.8**	**As-Built Total:**				**2338.1**			**3507.2**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				16.5	4.10		67.7	
Exterior	240.6	6.10	1467.9	2.Exterior Insulated				15.2	4.10		62.2	
				3.Exterior Insulated				99.0	4.10		405.9	
				4.Exterior Insulated				110.0	4.10		450.8	
Base Total:	**240.6**		**1467.9**	**As-Built Total:**				**240.6**			**986.6**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	2907.0	1.73	5029.1	1. Under Attic			30.0	2907.0	1.73 X 1.00		5029.1	
Base Total:	**2907.0**		**5029.1**	**As-Built Total:**				**2907.0**			**5029.1**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	330.0(p)	-37.0	-12210.0	1. Slab-On-Grade Edge Insulation			0.0	330.0(p	-41.20		-13596.0	
Raised	0.0	0.00	0.0									
Base Total:			**-12210.0**	**As-Built Total:**				**330.0**			**-13596.0**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	2907.0	10.21	29680.5					2907.0	10.21		29680.5	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 37669.2			**Summer As-Built Points:**					**34913.3**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 32000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS)					
			34913	1.00	(1.09 x 1.147 x 1.11)	0.260	0.902	11369.1
37669.2	**0.3250**	**12242.5**	**34913.3**	**1.00**	**1.388**	**0.260**	**0.902**	**11369.1**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2907.0	20.17	10554.0	1.Double, Clear	E	1.0	6.0	50.0	18.79	1.02	954.0	
				2.Double, Clear	E	1.0	6.0	15.0	18.79	1.02	286.0	
				3.Double, Clear	S	6.0	6.0	60.0	13.30	2.73	2179.0	
				4.Double, Clear	S	1.0	6.0	34.2	13.30	1.02	464.0	
				5.Double, Clear	W	1.0	6.0	40.0	20.73	1.01	835.0	
				6.Double, Clear	W	1.0	6.0	25.0	20.73	1.01	522.0	
				7.Double, Clear	N	1.0	6.0	50.0	24.58	1.00	1229.0	
				8.Double, Clear	N	1.0	6.0	20.0	24.58	1.00	491.0	
				9.Double, Clear	N	1.0	6.0	34.2	24.58	1.00	840.0	
				As-Built Total:				**328.3**			**7800.0**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior			13.0	2338.1	3.40		7949.5	
Exterior	2338.1	3.70	8651.0									
Base Total:	**2338.1**		**8651.0**	**As-Built Total:**				**2338.1**			**7949.5**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	0.0	0.00	0.0	1.Exterior Insulated				16.5	8.40		138.6	
Exterior	240.6	12.30	2959.8	2.Exterior Insulated				15.2	8.40		127.5	
				3.Exterior Insulated				99.0	8.40		831.6	
				4.Exterior Insulated				110.0	8.40		923.6	
Base Total:	**240.6**		**2959.8**	**As-Built Total:**				**240.6**			**2021.3**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	2907.0	2.05	5959.4	1. Under Attic			30.0	2907.0	2.05 X	1.00	5959.4	
Base Total:	**2907.0**		**5959.4**	**As-Built Total:**				**2907.0**			**5959.4**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	330.0(p)	8.9	2937.0	1. Slab-On-Grade Edge Insulation			0.0	330.0(p	18.80		6204.0	
Raised	0.0	0.00	0.0									
Base Total:			**2937.0**	**As-Built Total:**				**330.0**			**6204.0**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	2907.0	-0.59	-1715.1					2907.0	-0.59		-1715.1	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**29346.0**	**Winter As-Built Points:**					**28219.1**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 32000 btuh ,EFF(8.5) Ducts:Unc(S),Unc(R),Att(AH),R6.0					
29346.0	**0.5540**	**16257.7**	28219.1 **28219.1**	1.000 **1.00**	(1.069 x 1.169 x 1.10) **1.375**	0.401 **0.401**	0.950 **0.950**	14783.8 **14783.8**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

BASE				AS-BUILT						
WATER HEATING										
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total
3		2635.00	7905.0	52.0	0.90	3	1.00	2693.56	1.00	8080.7
				As-Built Total:						**8080.7**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	Heating Points	Hot Water Points	Total Points	Cooling Points	Heating Points	Hot Water Points	Total Points
12242	**16258**	**7905**	**36405**	**11369**	**14784**	**8081**	**34234**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , , PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.2

The higher the score, the more efficient the home.

Mr. Johnny Fulger, , , ,

1.	New construction or existing	New	12.	Cooling systems	
2.	Single family or multi-family	Single family	a.	Central Unit/Split	Cap: 32.0 kBtu/hr
3.	Number of units, if multi-family	1			SEER: 13.00
4.	Number of Bedrooms	3	b.	N/A	
5.	Is this a worst case?	Yes			
6.	Conditioned floor area (ft²)	2907 ft²	c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)				
a.	U-factor:	Description Area	13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble Default) 328.3 ft²	a.	Electric Heat Pump/Split	Cap: 32.0 kBtu/hr
b.	SHGC:				HSPF: 8.50
	(or Clear or Tint DEFAULT)	7b. (Clear) 328.3 ft²	b.	N/A	
8.	Floor types				
a.	Slab-On-Grade Edge Insulation	R=0.0, 330.0(p) ft	c.	N/A	
b.	N/A				
c.	N/A		14.	Hot water systems	
9.	Wall types		a.	Electric Resistance	Cap: 52.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 2338.1 ft²			EF: 0.90
b.	N/A		b.	N/A	
c.	N/A				
d.	N/A		c.	Conservation credits	
e.	N/A			(HR-Heat recovery, Solar	
10.	Ceiling types			DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 2907.0 ft²	15.	HVAC credits	PT, CF,
b.	N/A			(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A			HF-Whole house fan,	
11.	Ducts			PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 65.0 ft		MZ-C-Multizone cooling,	
b.	N/A			MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

BUILDING INPUT SUMMARY REPORT

PROJECT

Title:	Fulger Kinsey Design	**Family Type:**	Single	**Address Type:**	Street Address
Owner:	Mr. Johnny Fulger	**New/Existing:**	New	**Lot #:**	N/A
# of Units:	1	**Bedrooms:**	3	**Subdivision:**	N/A
Builder Name:	(blank)	**Conditioned Area:**	2907	**Platbook:**	N/A
Climate:	North	**Total Stories:**	1	**Street:**	(blank)
Permit Office:	(blank)	**Worst Case:**	Yes	**County:**	(blank)
Jurisdiction #:	(blank)	**Rotate Angle:**	90	**City, St, Zip:**	, ,

FLOORS

#	Floor Type	R-Val	Area/Perimeter	Units
1	Slab-On-Grade Edge Insulation	0.0	330.0(p) ft	1

DOORS

#	Door Type	Orientation	Area	Units
1	Insulated	Exterior	16.5 ft²	1
2	Insulated	Exterior	15.2 ft²	1
3	Insulated	Exterior	49.5 ft²	2
4	Insulated	Exterior	55.0 ft²	2

CEILINGS

#	Ceiling Type	R-Val	Area	Base Area	Units
1	Under Attic	30.0	2907.0 ft²	2907.0 ft²	1

Credit Multipliers: None

COOLING

#	System Type	Efficiency	Capacity
1	Central Unit/Split	SEER: 13.00	32.0 kBtu/hr

Credit Multipliers: Ceil Fn, PT

WALLS

#	Wall Type	Location	R-Val	Area	Units
1	Frame - Wood	Exterior	13.0	2338.1 ft²	1

HEATING

#	System Type	Efficiency	Capacity
1	Electric Heat Pump/Split	HSPF: 8.50	32.0 kBtu/hr

Credit Multipliers: PT

WINDOWS

#	Panes	Tint	Ornt	Area	OH Length	OH Hght	Units
1	Double	Clear	N	25.0 ft²	1.0 ft	6.0 ft	2
2	Double	Clear	N	15.0 ft²	1.0 ft	6.0 ft	1
3	Double	Clear	E	30.0 ft²	6.0 ft	6.0 ft	2
4	Double	Clear	E	17.1 ft²	1.0 ft	6.0 ft	2
5	Double	Clear	S	20.0 ft²	1.0 ft	6.0 ft	2
6	Double	Clear	S	25.0 ft²	1.0 ft	6.0 ft	1
7	Double	Clear	W	25.0 ft²	1.0 ft	6.0 ft	2
8	Double	Clear	W	20.0 ft²	1.0 ft	6.0 ft	1
9	Double	Clear	W	17.1 ft²	1.0 ft	6.0 ft	2

DUCTS

#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
1	Uncond.	Uncond.	Attic	6.0	65.0 ft

Credit Multipliers: None

WATER

#	System Type	EF	Cap.	Conservation Type	Con. EF
1	Electric Resistance	0.90	52.0	None	0.00

REFR.

#	Use Default?	Annual Operating Cost	Electric Rate
1	Yes	N/A	N/A

MISC

Rater Name:	CodeOnlyPro	**Class #:**	3	**Pool Size:**	0
Rater Certification #:	CodeOnlyPro	**Duct Leakage Type:**	N/A	**Pump Size:**	0.00 hp
Area Under Fluorescent:	0.0	**Visible Duct Disconnects:**	N/A	**Dryer Type:**	Electric
Area Under Incandescent:	2907.0	**Leak Free Duct System Proposed:**	No	**Stove Type:**	Electric
NOTE: Not all Rating info shown		**HRV/ERV System Present?:**	No	**Avg Ceil Hgt:**	

Residential System Sizing Calculation

Summary

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

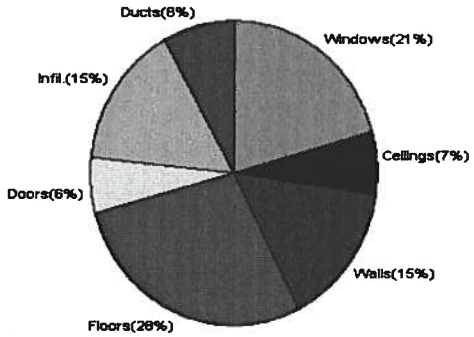
8/31/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**50941**	**Btuh**	**Total cooling load calculation**	**37057**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	62.8	32000	Sensible (SHR = 0.75)	77.0	24000
Heat Pump + Auxiliary(0.0kW)	62.8	32000	Latent	135.4	8000
			Total (Electric Heat Pump)	86.4	32000

WINTER CALCULATIONS

Winter Heating Load (for 2907 sqft)

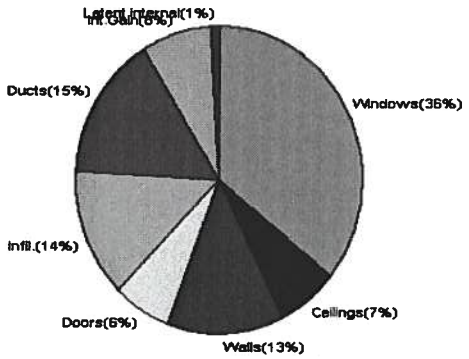
Load component			Load	
Window total	328	sqft	10569	Btuh
Wall total	2338	sqft	7678	Btuh
Door total	241	sqft	3116	Btuh
Ceiling total	2907	sqft	3425	Btuh
Floor total	330	sqft	14408	Btuh
Infiltration	186	cfm	7536	Btuh
Duct loss			4208	Btuh
Subtotal			**50941**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**50941**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2907 sqft)

Load component			Load	
Window total	328	sqft	13276	Btuh
Wall total	2338	sqft	4877	Btuh
Door total	241	sqft	2358	Btuh
Ceiling total	2907	sqft	2500	Btuh
Floor total			0	Btuh
Infiltration	93	cfm	1731	Btuh
Internal gain			2860	Btuh
Duct gain			3549	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**31150**	**Btuh**
Latent gain(ducts)			2107	Btuh
Latent gain(infiltration)			3400	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			400	Btuh
Total latent gain			**5907**	**Btuh**
TOTAL HEAT GAIN			**37057**	**Btuh**



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EnergyGauge® System Sizing
PREPARED BY: _____
DATE: _____

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

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

8/31/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	50.0	32.2	1609 Btuh
2	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
3	2, Clear, Metal, 0.87	NE	60.0	32.2	1931 Btuh
4	2, Clear, Metal, 0.87	NE	34.2	32.2	1100 Btuh
5	2, Clear, Metal, 0.87	SE	40.0	32.2	1288 Btuh
6	2, Clear, Metal, 0.87	SE	25.0	32.2	805 Btuh
7	2, Clear, Metal, 0.87	SW	50.0	32.2	1609 Btuh
8	2, Clear, Metal, 0.87	SW	20.0	32.2	644 Btuh
9	2, Clear, Metal, 0.87	SW	34.2	32.2	1100 Btuh
	Window Total		328(sqft)		10569 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2338	3.3	7678 Btuh
	Wall Total		2338		7678 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		17	12.9	214 Btuh
2	Insulated - Exterior		15	12.9	197 Btuh
3	Insulated - Exterior		99	12.9	1282 Btuh
4	Insulated - Exterior		110	12.9	1424 Btuh
	Door Total		241		3116Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Tile	30.0	2907	1.2	3425 Btuh
	Ceiling Total		2907		3425Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	330.0 ft(p)	43.7	14408 Btuh
	Floor Total		330		14408 Btuh
				Envelope Subtotal:	39197 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.32	34884	2338 186.0	7536 Btuh
Ductload				(DLM of 0.090)	4208 Btuh
All Zones				**Sensible Subtotal All Zones**	**50941 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

8/31/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	50941 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	50941 Btuh

EQUIPMENT

1. Electric Heat Pump/Split	#(Outside) #(Inside)	32000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Mr. Johnny Fulger | Project Title: Fulger Kinsey Design | Code Only Professional Version Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F | 8/31/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	50.0	32.2	1609 Btuh
2	2, Clear, Metal, 0.87	NW	15.0	32.2	483 Btuh
3	2, Clear, Metal, 0.87	NE	60.0	32.2	1931 Btuh
4	2, Clear, Metal, 0.87	NE	34.2	32.2	1100 Btuh
5	2, Clear, Metal, 0.87	SE	40.0	32.2	1288 Btuh
6	2, Clear, Metal, 0.87	SE	25.0	32.2	805 Btuh
7	2, Clear, Metal, 0.87	SW	50.0	32.2	1609 Btuh
8	2, Clear, Metal, 0.87	SW	20.0	32.2	644 Btuh
9	2, Clear, Metal, 0.87	SW	34.2	32.2	1100 Btuh
	Window Total		328(sqft)		10569 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	2338	3.3	7678 Btuh
	Wall Total		2338		7678 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		17	12.9	214 Btuh
2	Insulated - Exterior		15	12.9	197 Btuh
3	Insulated - Exterior		99	12.9	1282 Btuh
4	Insulated - Exterior		110	12.9	1424 Btuh
	Door Total		241		3116Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Tile	30.0	2907	1.2	3425 Btuh
	Ceiling Total		2907		3425Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	330.0 ft(p)	43.7	14408 Btuh
	Floor Total		330		14408 Btuh
			Zone Envelope Subtotal:		39197 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.32	34884	2338	186.0	7536 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.090)				4208 Btuh
Zone #1			**Sensible Zone Subtotal**		**50941 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

8/31/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	50941 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	50941 Btuh

EQUIPMENT

1. Electric Heat Pump/Split	#(Outside) #(Inside)	32000 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)
Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

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Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 8/31/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, B-D, N,F	NW	1ft.	6ft.	50.0	0.0	50.0	19	41	2039 Btuh
2	2, Clear, 0.87, B-D, N,F	NW	1ft.	6ft.	15.0	0.0	15.0	19	41	612 Btuh
3	2, Clear, 0.87, B-D, N,F	NE	6ft.	6ft.	60.0	0.0	60.0	19	41	2447 Btuh
4	2, Clear, 0.87, B-D, N,F	NE	1ft.	6ft.	34.2	0.0	34.2	19	41	1394 Btuh
5	2, Clear, 0.87, B-D, N,F	SE	1ft.	6ft.	40.0	5.5	34.5	19	43	1604 Btuh
6	2, Clear, 0.87, B-D, N,F	SE	1ft.	6ft.	25.0	3.4	21.6	19	43	1002 Btuh
7	2, Clear, 0.87, B-D, N,F	SW	1ft.	6ft.	50.0	6.8	43.2	19	43	2005 Btuh
8	2, Clear, 0.87, B-D, N,F	SW	1ft.	6ft.	20.0	2.7	17.3	19	43	802 Btuh
9	2, Clear, 0.87, B-D, N,F	SW	1ft.	6ft.	34.2	4.7	29.5	19	43	1370 Btuh
	Window Total				328 (sqft)					13276 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2338.1	2.1	4877 Btuh
	Wall Total		2338 (sqft)		4877 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	16.5	9.8	162 Btuh
2	Insulated - Exterior	15.2	9.8	149 Btuh
3	Insulated - Exterior	99.0	9.8	970 Btuh
4	Insulated - Exterior	110.0	9.8	1078 Btuh
	Door Total	241 (sqft)		2358 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Tile	30.0	2907.0	0.9	2500 Btuh
	Ceiling Total		2907 (sqft)		2500 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	330 (ft(p))	0.0	0 Btuh
	Floor Total		330.0 (sqft)		0 Btuh

			Envelope Subtotal:		23010 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.16	34884	2338	186.0	1731 Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load
		2	X	230	+	2400	2860 Btuh

	Sensible Envelope Load:		27602 Btuh
Duct load		(DGM of 0.129)	3549 Btuh
		Sensible Load All Zones	**31150 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

8/31/2007

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	**27602 Btuh**
	Sensible Duct Load	3549 Btuh
	Total Sensible Zone Loads	**31150 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
Whole House	**Total sensible gain**	**31150 Btuh**
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	3400 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	2107 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**5907 Btuh**
	TOTAL GAIN	**37057 Btuh**

EQUIPMENT

1. Central Unit/Split	#(Outside) #(Inside)	32000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F 8/31/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Zone #1: Main

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Clear, 0.87, B-D, N,F	NW	1ft.	6ft.	50.0	0.0	50.0	19	41	2039 Btuh
2	2, Clear, 0.87, B-D, N,F	NW	1ft.	6ft.	15.0	0.0	15.0	19	41	612 Btuh
3	2, Clear, 0.87, B-D, N,F	NE	6ft.	6ft.	60.0	0.0	60.0	19	41	2447 Btuh
4	2, Clear, 0.87, B-D, N,F	NE	1ft.	6ft.	34.2	0.0	34.2	19	41	1394 Btuh
5	2, Clear, 0.87, B-D, N,F	SE	1ft.	6ft.	40.0	5.5	34.5	19	43	1604 Btuh
6	2, Clear, 0.87, B-D, N,F	SE	1ft.	6ft.	25.0	3.4	21.6	19	43	1002 Btuh
7	2, Clear, 0.87, B-D, N,F	SW	1ft.	6ft.	50.0	6.8	43.2	19	43	2005 Btuh
8	2, Clear, 0.87, B-D, N,F	SW	1ft.	6ft.	20.0	2.7	17.3	19	43	802 Btuh
9	2, Clear, 0.87, B-D, N,F	SW	1ft.	6ft.	34.2	4.7	29.5	19	43	1370 Btuh
	Window Total				328 (sqft)					13276 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	13.0/0.09	2338.1	2.1	4877 Btuh
	Wall Total		2338 (sqft)		4877 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	16.5	9.8	162 Btuh
2	Insulated - Exterior	15.2	9.8	149 Btuh
3	Insulated - Exterior	99.0	9.8	970 Btuh
4	Insulated - Exterior	110.0	9.8	1078 Btuh
	Door Total	241 (sqft)		2358 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Tile	30.0	2907.0	0.9	2500 Btuh
	Ceiling Total		2907 (sqft)		2500 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	330 (ft(p))	0.0	0 Btuh
	Floor Total		330.0 (sqft)		0 Btuh
			Zone Envelope Subtotal:		23010 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.16	34884	2338	93.0	1731 Btuh

Internal gain		Occupants		Btuh/occupant		Appliance	Load
		2	X	230	+	2400	2860 Btuh
					Sensible Envelope Load:		27602 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)					(DGM of 0.129)	3549 Btuh
					Sensible Zone Load		**31150 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

Code Only
Professional Version
Climate: North

8/31/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**27602 Btuh**
	Sensible Duct Load	3549 Btuh
	Total Sensible Zone Loads	**31150 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**31150 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	3400 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	2107 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**5907 Btuh**
	TOTAL GAIN	**37057 Btuh**

EQUIPMENT

1. Central Unit/Split	#(Outside) #(Inside)	32000 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Mr. Johnny Fulger

Project Title:
Fulger Kinsey Design

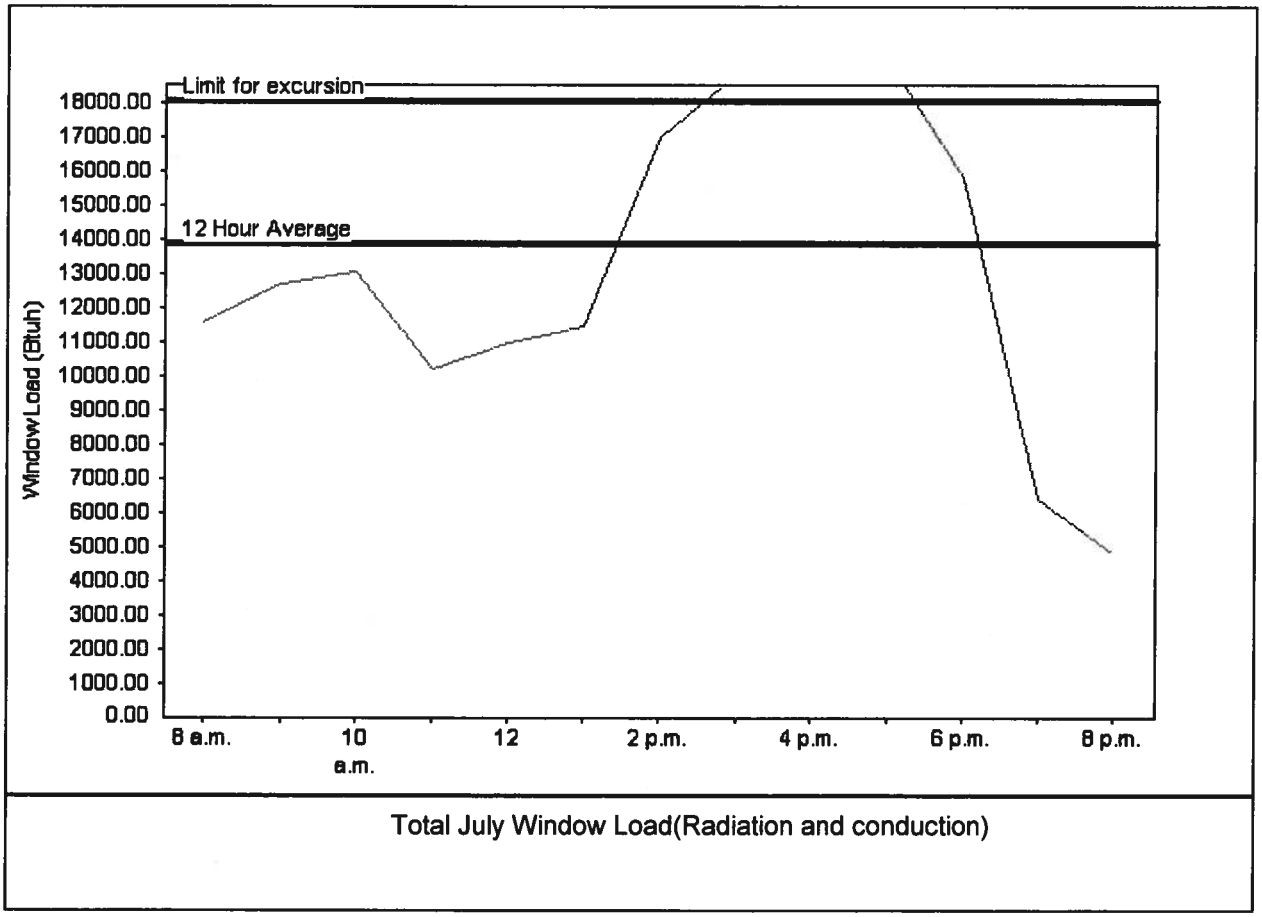
Code Only
Professional Version
Climate: North

8/31/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	13858 Btu
Summer setpoint	75 F	Peak window load for July	19255 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	18016 Btu
Latitude	29 North	Window excursion (July)	1239 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

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

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: _____
DATE: _____

Project Summary
Entire House
Glenn I. Jones, Inc.

Job: Fulger Residence
Date:
By: Louis Weeks

Project Information

For: Johnny Fulger
504 sw Sunview St., Lake City, FL 32024
Phone: 386-867-1832

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33	°F
Inside db	70	°F
Design TD	37	°F

Summer Design Conditions

Outside db	92	°F
Inside db	75	°F
Design TD	17	°F
Daily range	M	
Relative humidity	50	%
Moisture difference	52	gr/lb

Heating Summary

Structure	46163	Btuh
Ducts	2308	Btuh
Central vent (0 cfm)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	48472	Btuh

Sensible Cooling Equipment Load Sizing

Structure	40928	Btuh
Ducts	4093	Btuh
Central vent (50 cfm)	0	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	43670	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2907	2907
Volume (ft³)	29067	29067
Air changes/hour	0.70	0.40
Equiv. AVF (cfm)	339	194

Latent Cooling Equipment Load Sizing

Structure	9323	Btuh
Ducts	0	Btuh
Central vent (50 cfm)	0	Btuh
Equipment latent load	9323	Btuh
Equipment total load	52993	Btuh
Req. total capacity at 0.70 SHR	5.2	ton

Heating Equipment Summary

Make	n/a
Trade	n/a
Model	n/a

Efficiency	n/a	
Heating input		
Heating output	0	Btuh
Temperature rise	0	°F
Actual air flow	0	cfm
Air flow factor	0.000	cfm/Btuh
Static pressure	0.00	in H2O
Space thermostat	n/a	

Cooling Equipment Summary

Make	n/a
Trade	n/a
Cond	n/a
Coil	n/a

Efficiency	n/a	
Sensible cooling	0	Btuh
Latent cooling	0	Btuh
Total cooling	0	Btuh
Actual air flow	0	cfm
Air flow factor	0.000	cfm/Btuh
Static pressure	0.00	in H2O
Load sensible heat ratio	0.00	

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Project Summary
AH2
Glenn I. Jones, Inc.

Job: Fulger Residence
Date:
By: Louis Weeks

Project Information

For: Johnny Fulger
504 sw Sunview St., Lake City, FL 32024
Phone: 386-867-1832

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33	°F
Inside db	70	°F
Design TD	37	°F

Summer Design Conditions

Outside db	92	°F
Inside db	75	°F
Design TD	17	°F
Daily range	M	
Relative humidity	50	%
Moisture difference	52	gr/lb

Heating Summary

Structure	23868	Btuh
Ducts	1193	Btuh
Central vent (0 cfm)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	25061	Btuh

Sensible Cooling Equipment Load Sizing

Structure	22628	Btuh
Ducts	2263	Btuh
Central vent (0 cfm)	0	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	24144	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1269	1269
Volume (ft³)	12686	12686
Air changes/hour	0.89	0.51
Equiv. AVF (cfm)	188	107

Latent Cooling Equipment Load Sizing

Structure	5606	Btuh
Ducts	0	Btuh
Central vent (0 cfm)	0	Btuh
Equipment latent load	5606	Btuh
Equipment total load	29750	Btuh
Req. total capacity at 0.70 SHR	2.9	ton

Heating Equipment Summary

Make Carrier
Trade Base 13 Puron HP
Model 25HBA336A30

Efficiency	8.6 HSPF	
Heating input		
Heating output	33800	Btuh @ 47°F
Temperature rise	26	°F
Actual air flow	1167	cfm
Air flow factor	0.047	cfm/Btuh
Static pressure	0.50	in H2O
Space thermostat		

Cooling Equipment Summary

Make Carrier
Trade Base 13 Puron HP
Cond 25HBA336A30
Coil FV4BNF005

Efficiency	14 SEER	
Sensible cooling	24500	Btuh
Latent cooling	10500	Btuh
Total cooling	35000	Btuh
Actual air flow	1167	cfm
Air flow factor	0.047	cfm/Btuh
Static pressure	0.50	in H2O
Load sensible heat ratio	0.82	

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Project Summary
(Rest of House)
Glenn I. Jones, Inc.

Job: Fulger Residence
Date:
By: Louis Weeks

Project Information

For: Johnny Fulger
504 sw Sunview St., Lake City, FL 32024
Phone: 386-867-1832

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33	°F
Inside db	70	°F
Design TD	37	°F

Summer Design Conditions

Outside db	92	°F
Inside db	75	°F
Design TD	17	°F
Daily range	M	
Relative humidity	50	%
Moisture difference	52	gr/lb

Heating Summary

Structure	22296	Btuh
Ducts	1115	Btuh
Central vent (0 cfm)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	23410	Btuh

Sensible Cooling Equipment Load Sizing

Structure	18300	Btuh
Ducts	1830	Btuh
Central vent (50 cfm)	935	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	20433	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1638	1638
Volume (ft³)	16381	16381
Air changes/hour	0.55	0.32
Equiv. AVF (cfm)	151	86

Latent Cooling Equipment Load Sizing

Structure	3717	Btuh
Ducts	0	Btuh
Central vent (50 cfm)	1753	Btuh
Equipment latent load	5470	Btuh
Equipment total load	25903	Btuh
Req. total capacity at 0.70 SHR	2.4	ton

Heating Equipment Summary

Make Carrier
Trade Base 13 Puron HP
Model 25HBA330A30

Efficiency	8.4 HSPF	
Heating input		
Heating output	31000	Btuh @ 47°F
Temperature rise	29	°F
Actual air flow	987	cfm
Air flow factor	0.042	cfm/Btuh
Static pressure	0.50	in H2O
Space thermostat		

Cooling Equipment Summary

Make Carrier
Trade Base 13 Puron HP
Cond 25HBA330A30
Coil FV4BNF002

Efficiency	14 SEER	
Sensible cooling	20720	Btuh
Latent cooling	8880	Btuh
Total cooling	29600	Btuh
Actual air flow	987	cfm
Air flow factor	0.049	cfm/Btuh
Static pressure	0.50	in H2O
Load sensible heat ratio	0.79	

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Fulger Residence**	Builder:	**Glenn I. Jones, Inc.**
Address:	**504 sw Sunview St.**	Permitting Office:	
City, State:	**Lake City, FL 32024**	Permit Number:	
Owner:	**Johnny Fulger**	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)	2907 ft²		
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble, U=0.7) 82.8 ft²		
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 531.8 ft²		
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 272.3(p) ft		
b. N/A			
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 2151.0 ft²		
b. Frame, Wood, Adjacent	R=13.0, 263.3 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2907.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 154.0 ft		
b. Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 158.0 ft		
12. Cooling systems			
a. Central Unit	Cap: 35.0 kBtu/hr SEER: 14.00		
b. Central Unit	Cap: 29.6 kBtu/hr SEER: 14.00		
c. N/A			
13. Heating systems			
a. Electric Heat Pump	Cap: 33.8 kBtu/hr HSPF: 8.60		
b. Electric Heat Pump	Cap: 31.0 kBtu/hr HSPF: 8.40		
c. N/A			
14. Hot water systems			
a. Electric Resistance	Cap: 40.0 gallons EF: 0.92		
b. Electric Resistance	Cap: 40.0 gallons EF: 0.92		
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)			

Glass/Floor Area: 0.18

Total as-built points: 35363
Total base points: 38779

PASS

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

PREPARED BY: R.P. Wil

DATE: 8-6-07

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **504 sw Sunview St., 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	**2907.0**	**20.04**	**10486.1**	Double,U=0.61,Clear	N	1.5	6.0	80.0	20.46	0.94	1536.7
				Double,U=0.61,Clear	W	1.5	6.0	33.3	39.69	0.91	1207.2
				Double,U=0.61,Clear	E	1.5	6.0	40.0	43.20	0.91	1577.1
				Double,U=0.61,Clear	NE	1.5	6.0	46.3	30.76	0.92	1310.9
				Double,U=0.73,Clear	SE	1.5	8.0	82.8	43.33	0.94	3381.9
				Double,U=0.73,Clear	NE	1.5	8.0	41.4	30.17	0.96	1199.1
				Double,U=0.61,Clear	W	5.0	6.0	60.0	39.69	0.57	1363.3
				Double,U=0.61,Clear	W	5.0	8.0	14.0	39.69	0.66	364.8
				Double,U=0.61,Clear	S	1.5	6.0	50.0	37.01	0.86	1584.5
				Double,U=0.73,Clear	N	1.5	8.0	42.0	19.85	0.97	805.3
				Double,U=0.73,Clear	E	1.5	8.0	42.0	42.64	0.96	1711.7
				As-Built Total:				**531.8**			**16042.4**

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Exterior	2151.0	1.70	3656.7	Frame, Wood, Exterior	13.0	2151.0	1.50	3226.5
Adjacent	263.3	0.70	184.3	Frame, Wood, Adjacent	13.0	263.3	0.60	158.0
Base Total:	**2414.3**		**3841.0**	**As-Built Total:**		**2414.3**		**3384.5**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Exterior	42.6	4.10	174.7	Exterior Wood	42.6	6.10	259.9
Adjacent	0.0	0.00	0.0				
Base Total:	**42.6**		**174.7**	**As-Built Total:**	**42.6**		**259.9**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	2907.0	1.73	5029.1	Under Attic	30.0	2907.0	1.73 X 1.00	5029.1
Base Total:	**2907.0**		**5029.1**	**As-Built Total:**		**2907.0**		**5029.1**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	272.3(p)	-37.0	-10075.1	Slab-On-Grade Edge Insulation	0.0	272.3(p	-41.20	-11218.8
Raised	0.0	0.00	0.0					
Base Total:			**-10075.1**	**As-Built Total:**		**272.3**		**-11218.8**

INFILTRATION	Area X	BSPM	= Points	Area X	SPM	= Points
	2907.0	10.21	29680.5	2907.0	10.21	29680.5

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **504 sw Sunview St., Lake City, FL, 32024** PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 39136.3			**Summer As-Built Points:**					**43177.5**
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 35000 btuh ,SEER/EFF(14.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS)					
			43178	0.54	(1.09 x 1.147 x 1.05)	0.244	1.000	7518.6
			(sys 2: Central Unit 29600 btuh ,SEER/EFF(14.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS)					
			43178	0.46	(1.09 x 1.147 x 1.05)	0.244	1.000	6358.6
39136.3	**0.4266**	**16695.5**	**43177.5**	**1.00**	**1.318**	**0.244**	**1.000**	**13877.2**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **504 sw Sunview St., Lake City, FL, 32024** PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points
.18	**2907.0**	**12.74**	**6666.3**	Double,U=0.61,Clear	N	1.5	6.0	80.0	17.34	1.00	1390.5
				Double,U=0.61,Clear	W	1.5	6.0	33.3	13.51	1.02	460.6
				Double,U=0.61,Clear	E	1.5	6.0	40.0	11.68	1.04	483.9
				Double,U=0.61,Clear	NE	1.5	6.0	46.3	16.35	1.01	762.0
				Double,U=0.73,Clear	SE	1.5	8.0	82.8	10.92	1.05	950.0
				Double,U=0.73,Clear	NE	1.5	8.0	41.4	19.71	1.00	817.6
				Double,U=0.61,Clear	W	5.0	6.0	60.0	13.51	1.15	930.6
				Double,U=0.61,Clear	W	5.0	8.0	14.0	13.51	1.11	210.4
				Double,U=0.61,Clear	S	1.5	6.0	50.0	6.22	1.12	347.7
				Double,U=0.73,Clear	N	1.5	8.0	42.0	20.70	1.00	870.3
				Double,U=0.73,Clear	E	1.5	8.0	42.0	14.99	1.02	642.6
				As-Built Total:				**531.8**			**7866.1**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Exterior	2151.0	3.70	7958.7	Frame, Wood, Exterior	13.0	2151.0	3.40	7313.4
Adjacent	263.3	3.60	947.9	Frame, Wood, Adjacent	13.0	263.3	3.30	868.9
Base Total:	**2414.3**		**8906.6**	**As-Built Total:**		**2414.3**		**8182.3**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Exterior	42.6	8.40	357.8	Exterior Wood	42.6	12.30	524.0
Adjacent	0.0	0.00	0.0				
Base Total:	**42.6**		**357.8**	**As-Built Total:**	**42.6**		**524.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X WCM	= Points
Under Attic	2907.0	2.05	5959.4	Under Attic	30.0	2907.0	2.05 X 1.00	5959.4
Base Total:	**2907.0**		**5959.4**	**As-Built Total:**		**2907.0**		**5959.4**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	272.3(p)	8.9	2423.5	Slab-On-Grade Edge Insulation	0.0	272.3(p	18.80	5119.2
Raised	0.0	0.00	0.0					
Base Total:			**2423.5**	**As-Built Total:**		**272.3**		**5119.2**

INFILTRATION	Area X	BWPM	= Points	Area X	WPM	= Points
	2907.0	-0.59	-1715.1	2907.0	-0.59	-1715.1

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **504 sw Sunview St., Lake City, FL, 32024** PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**22598.4**	**Winter As-Built Points:**					**25935.9**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 33800 btuh ,EFF(8.6) Ducts:Unc(S),Unc(R),Att(AH),R6.0					
			25935.9	0.522	(1.069 x 1.169 x 1.05)	0.397	1.000	7005.0
			(sys 2: Electric Heat Pump 31000 btuh ,EFF(8.4) Ducts:Unc(S),Unc(R),Att(AH),R6.0					
			25935.9	0.478	(1.069 x 1.169 x 1.05)	0.406	1.000	6577.7
22598.4	**0.6274**	**14178.3**	**25935.9**	**1.00**	**1.306**	**0.401**	**1.000**	**13580.8**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **504 sw Sunview St., Lake City, FL, 32024** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2635.00	7905.0	40.0	0.92	3	0.50	2635.00	1.00	3952.5	
				40.0	0.92	3	0.50	2635.00	1.00	3952.5	
				As-Built Total:						**7905.0**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
16696	**14178**	**7905**	**38779**	**13877**	**13581**	**7905**	**35363**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **504 sw Sunview St., Lake City, FL, 32024** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.5

The higher the score, the more efficient the home.

Johnny Fulger, 504 sw Sunview St., Lake City, FL, 32024

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family		a.	Central Unit	Cap: 35.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 14.00
4.	Number of Bedrooms	3		b.	Central Unit	Cap: 29.6 kBtu/hr
5.	Is this a worst case?	No				SEER: 14.00
6.	Conditioned floor area (ft²)	2907 ft²		c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT)	7a. (Dble, U=0.7) 82.8 ft²		a.	Electric Heat Pump	Cap: 33.8 kBtu/hr
b.	SHGC:					HSPF: 8.60
	(or Clear or Tint DEFAULT)	7b. (Clear) 531.8 ft²		b.	Electric Heat Pump	Cap: 31.0 kBtu/hr
8.	Floor types					HSPF: 8.40
a.	Slab-On-Grade Edge Insulation	R=0.0, 272.3(p) ft		c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 40.0 gallons
a.	Frame, Wood, Exterior	R=13.0, 2151.0 ft²				EF: 0.92
b.	Frame, Wood, Adjacent	R=13.0, 263.3 ft²		b.	Electric Resistance	Cap: 40.0 gallons
c.	N/A					EF: 0.92
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=30.0, 2907.0 ft²		15.	HVAC credits	
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 154.0 ft			MZ-C-Multizone cooling,	
b.	Sup: Unc. Ret: Unc. AH(Sealed):Attic	Sup. R=6.0, 158.0 ft			MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

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:1T9Y8228Z0117084146

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview
Truss Count:	74
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.36, 7.25.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 55.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 08/17/2007

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

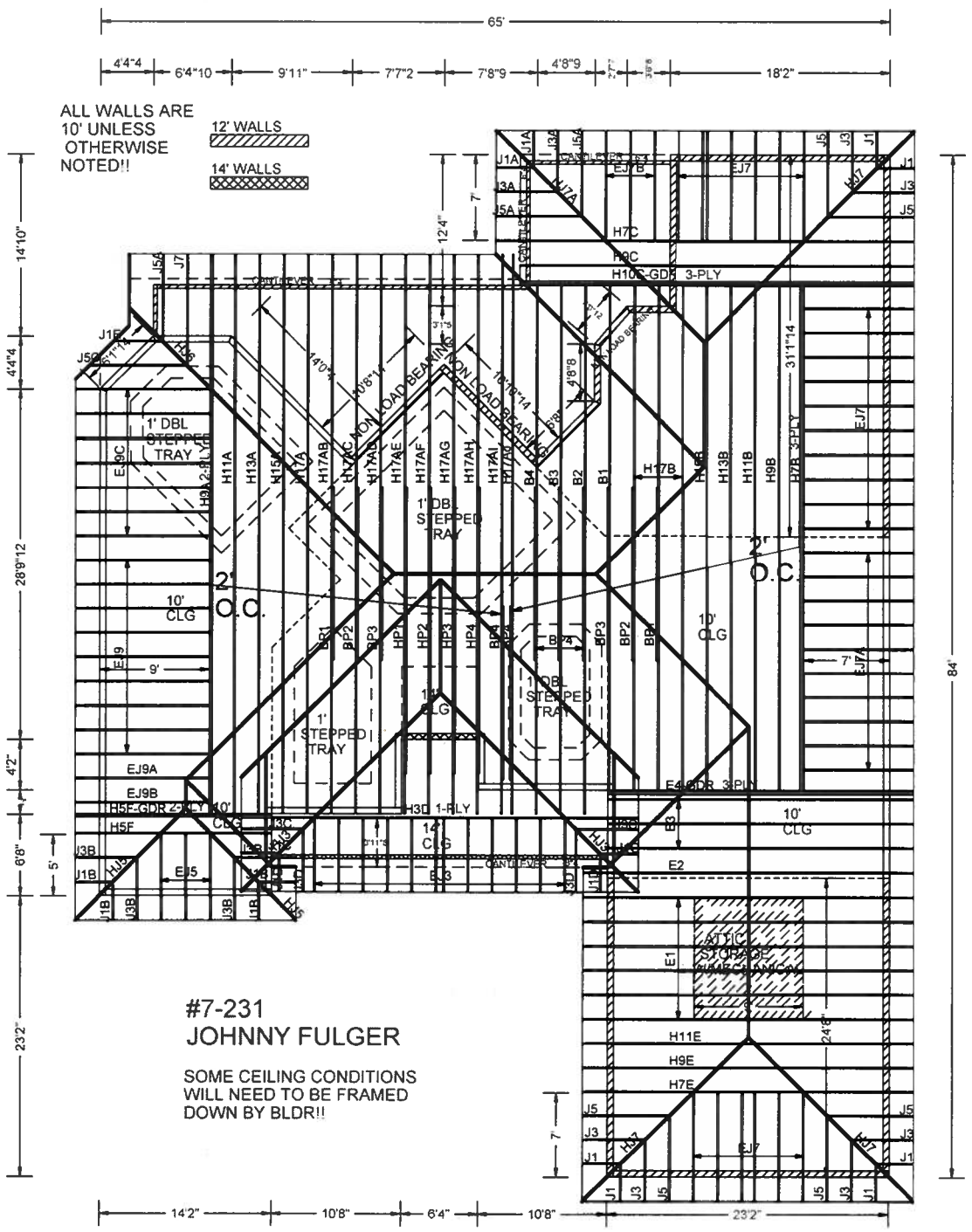
Notes:

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: TCFILLER-BCFILLER-TCFILLER-BCFILLER-REPBCFIL-BRCLBSUB-PIGBACKA-PIGBACKB-

#	Ref Description	Drawing#	Date
1	98541--H9A	07228003	08/16/07
2	98542--H11A	07228004	08/16/07
3	98543--H13A	07228005	08/16/07
4	98544--H15A	07228006	08/16/07
5	98545--H17A	07228007	08/16/07
6	98546--H17AB	07228008	08/16/07
7	98547--H17AC	07228009	08/16/07
8	98548--H17AD	07228010	08/16/07
9	98549--H17AE	07228011	08/16/07
10	98550--H17AF	07228012	08/16/07
11	98551--H17AG	07228013	08/16/07
12	98552--H17AH	07228014	08/16/07
13	98553--H17AI	07228015	08/16/07
14	98554--H17AJ	07228016	08/16/07
15	98555--H7B	07228017	08/16/07
16	98556--H9B	07228018	08/16/07
17	98557--H11B	07228019	08/16/07
18	98558--H13B	07228020	08/16/07
19	98559--H15B	07228021	08/16/07
20	98560--H17B	07228022	08/16/07
21	98561--B1	07228023	08/16/07
22	98562--B2	07228024	08/16/07
23	98563--B3	07228025	08/16/07
24	98564--B4	07228026	08/16/07
25	98565--H7C	07228027	08/16/07
26	98566--H9C	07228028	08/16/07
27	98567--H10C-GDR	07228029	08/16/07
28	98568--H3D	07228030	08/16/07
29	98569--E1	07228031	08/16/07
30	98570--E2	07228032	08/16/07
31	98571--E3	07228033	08/16/07
32	98572--H11E	07228034	08/16/07
33	98573--H9E	07228035	08/16/07
34	98574--H7E	07228036	08/16/07
35	98575--E4-GDR	07228037	08/16/07
36	98576--H5F	07228038	08/16/07
37	98577--H5F-GDR	07228039	08/16/07
38	98578--EJ7	07228040	08/16/07

#	Ref Description	Drawing#	Date
39	98579--J5	07228041	08/16/07
40	98580--HJ7	07228042	08/16/07
41	98581--J3	07228043	08/16/07
42	98582--J1	07228044	08/16/07
43	98583--EJ5	07228045	08/16/07
44	98584--J3B	07228046	08/16/07
45	98585--HJ5	07228047	08/16/07
46	98586--J1B	07228048	08/16/07
47	98587--EJ7A	07228049	08/16/07
48	98588--EJ7B	07228050	08/16/07
49	98589--J5A	07228051	08/16/07
50	98590--HJ7A	07228052	08/16/07
51	98591--HJ6	07228053	08/16/07
52	98592--J3A	07228054	08/16/07
53	98593--J1A	07228055	08/16/07
54	98594--EJ3	07228056	08/16/07
55	98595--J3D	07228057	08/16/07
56	98596--HJ3	07228058	08/16/07
57	98597--J1D	07228059	08/16/07
58	98598--J1C	07228060	08/16/07
59	98599--J3C	07228061	08/16/07
60	98600--J7	07228062	08/16/07
61	98601--J1E	07228063	08/16/07
62	98602--J5C	07228064	08/16/07
63	98603--EJ9C	07228065	08/16/07
64	98604--EJ9	07228066	08/16/07
65	98605--EJ9A	07228067	08/16/07
66	98606--EJ9B	07228068	08/16/07
67	98607--BP1	07228069	08/16/07
68	98608--BP2	07228070	08/16/07
69	98609--BP3	07228071	08/16/07
70	98610--BP4	07228072	08/16/07
71	98611--HP4	07229001	08/17/07
72	98612--HP3	07229002	08/17/07
73	98613--HP2	07229003	08/17/07
74	98614--HP1	07229004	08/17/07



JOB DESCRIPTION:: OWNER BUILDER
/: Johnny Fulger

JOB NO:
7-231

PAGE NO:
1 OF 1

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H9A)

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

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x4 SP #2 Dense :B3 2x6 SP #1 Dense:
:B4, B5 2x6 SP #2:
Webs 2x4 SP #3 :W1, W10 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at 2.00 to 94 PLF at 9.00
TC - From 94 PLF at 9.00 to 94 PLF at 39.33
TC - From 94 PLF at 39.33 to 94 PLF at 44.00
BC - From 4 PLF at 2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 4.67
BC - From 20 PLF at 4.67 to 20 PLF at 7.17
BC - From 20 PLF at 7.17 to 20 PLF at 22.45
BC - From 20 PLF at 22.45 to 20 PLF at 44.00
TC - 78 LB Conc. Load at 9.00
BC - 286 LB Conc. Load at 9.07
BC - 231 LB Conc. Load at 11.07, 13.07, 15.07, 17.07, 19.07
21.07
BC - 314 LB Conc. Load at 23.07, 25.07, 27.07, 29.07, 31.07
33.07, 35.07, 37.07, 39.07
BC - 572 LB Conc. Load at 41.07
BC - 555 LB Conc. Load at 43.07

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

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @11.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

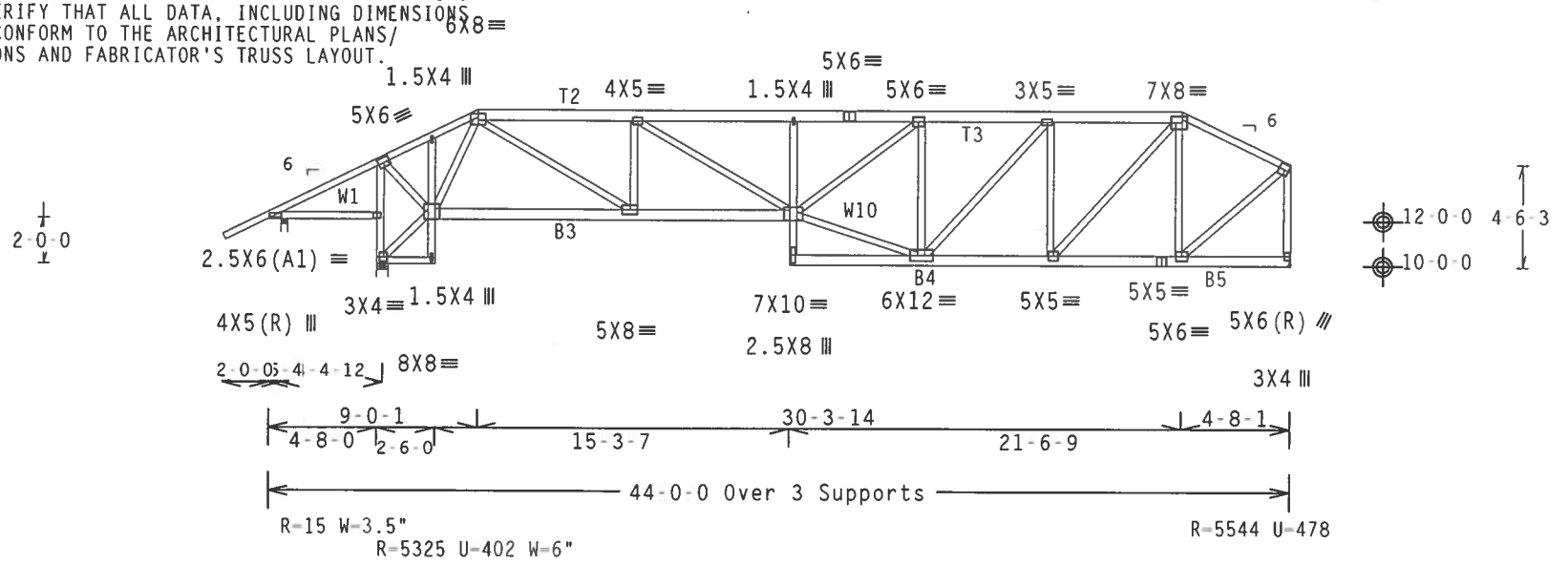
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/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

Aug

TC LL	30.0 PSF	REF	R8228- 98541
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228003
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43838
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

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

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

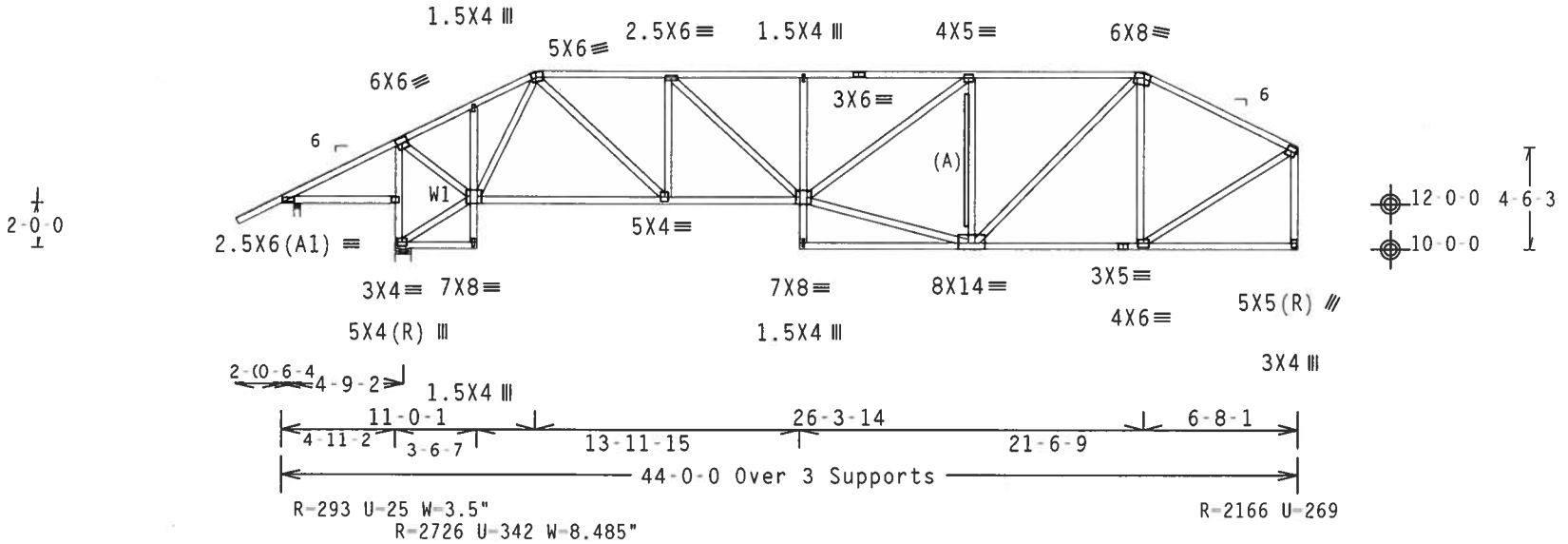
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF	R8228- 98542
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228004
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43848
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H13A)

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

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

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

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

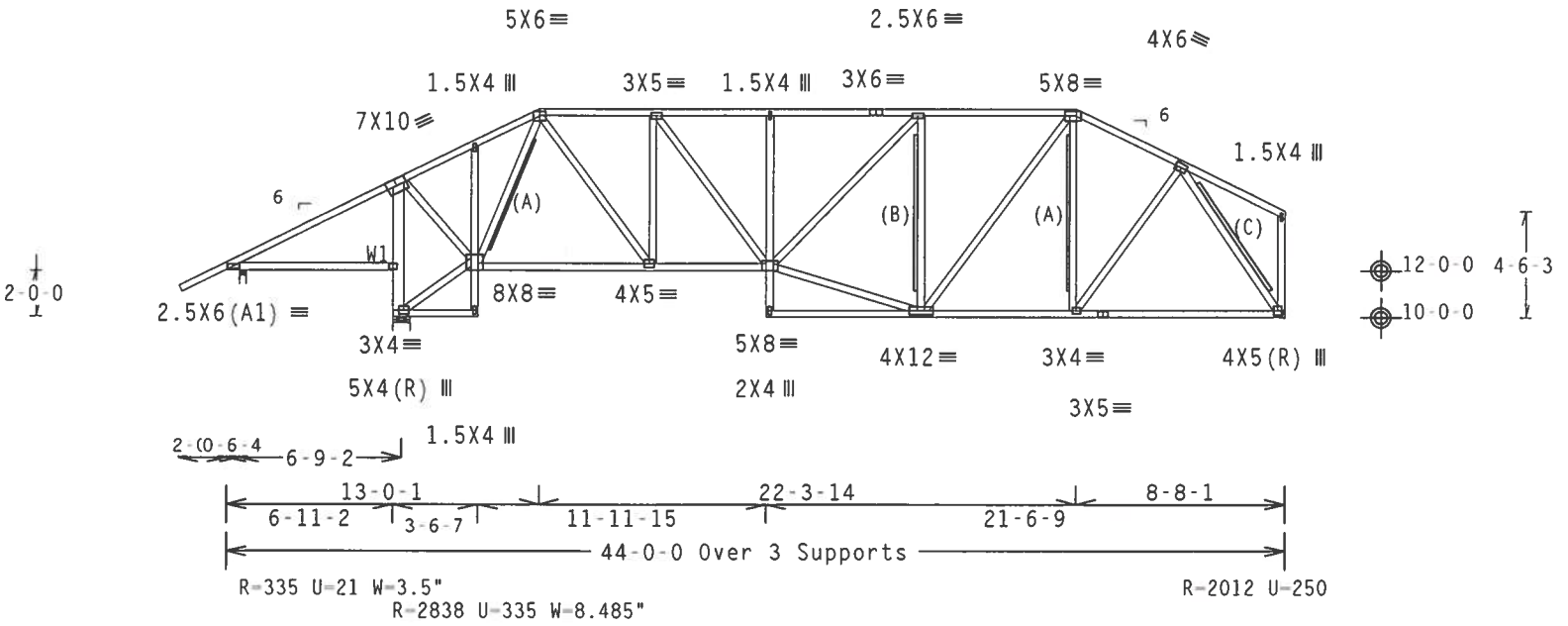
110 mph wind, 15.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



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 =.125"/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

Aug

TC LL	30.0 PSF	REF R8228- 98543
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228005
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43919
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H15A)

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
Filler 2x4 SP #2 Dense

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

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

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

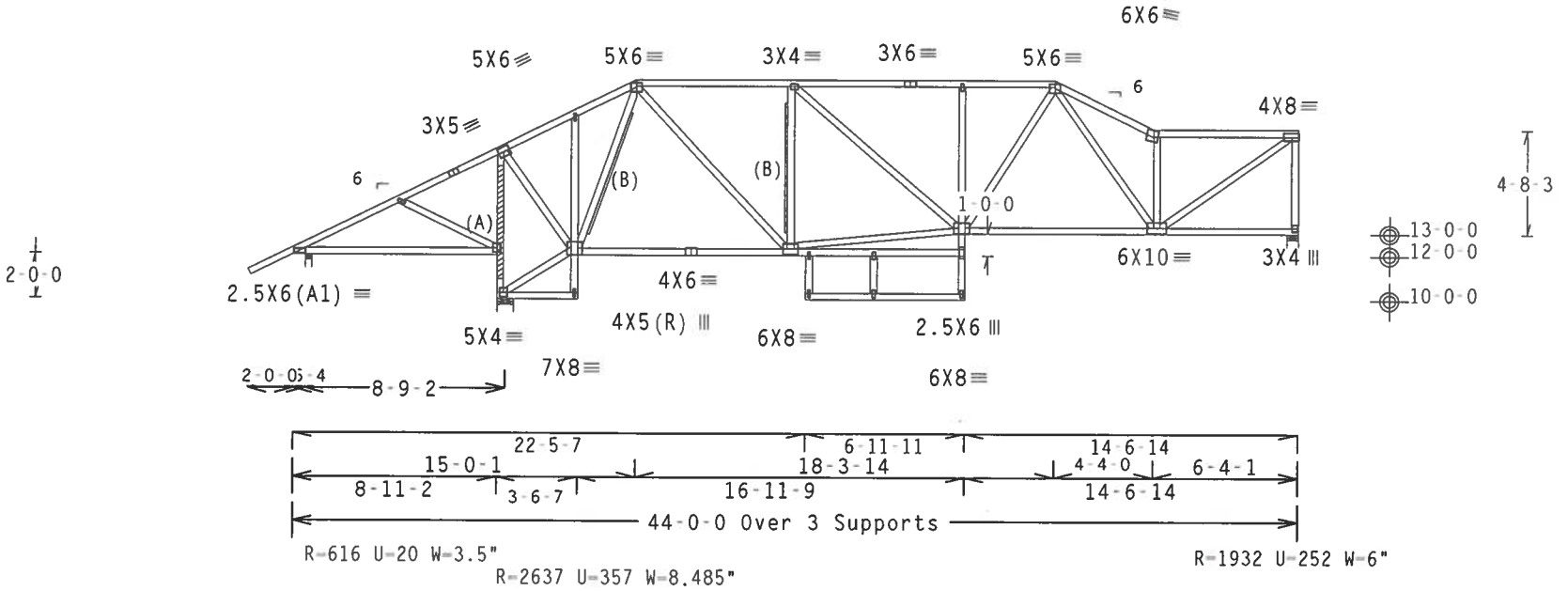
110 mph wind, 15.60 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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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

TC LL	30.0 PSF	REF	R8228- 98544
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228006
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43898
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17A)

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

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

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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

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

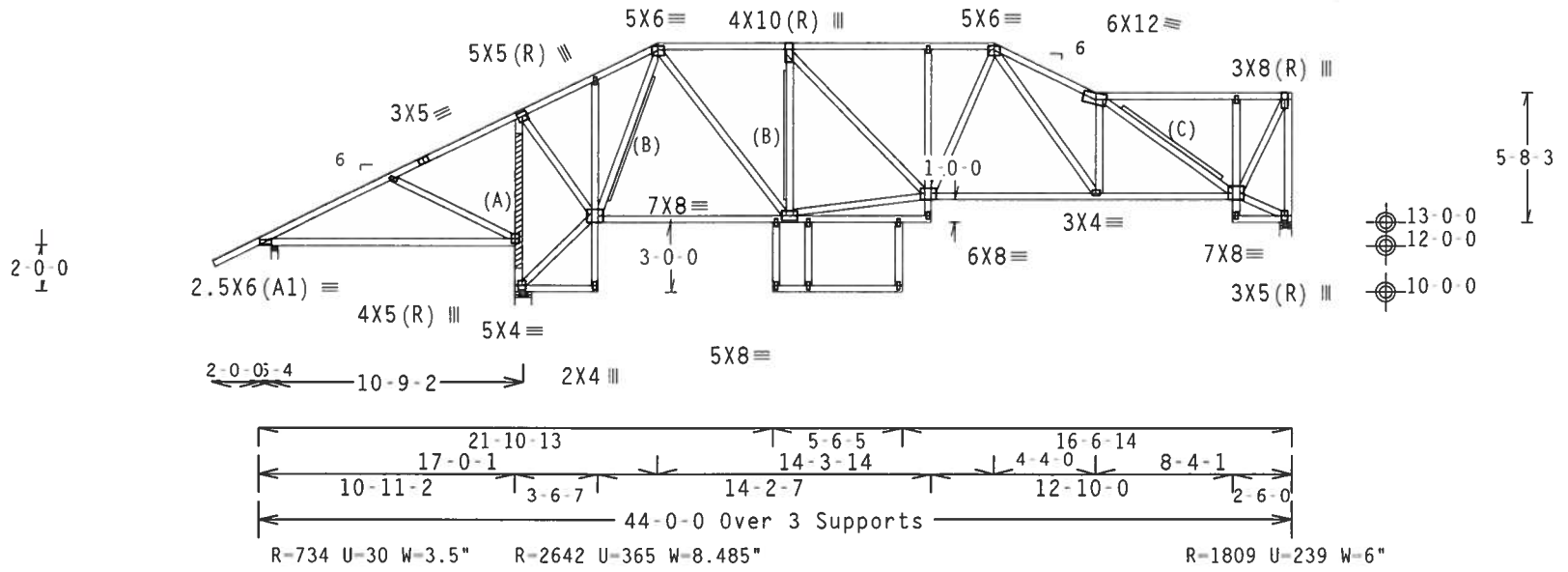
110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



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 =.125"/Ft.

ALPINE

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

Aug

TC LL	30.0 PSF	REF R8228- 98545
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228007
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43932
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AB)

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

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

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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

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

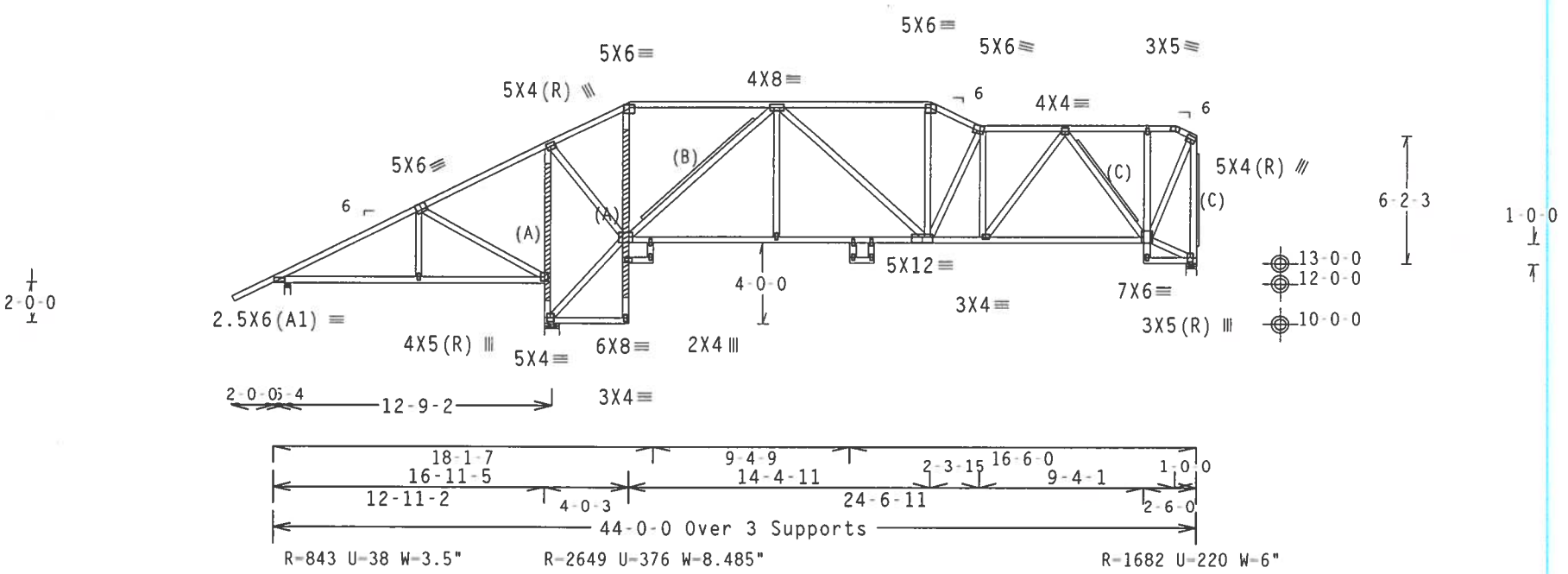
110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



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 =.125"/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. COLKINS JR LICENSED No.38216 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98546
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228008
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43953
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

Top chord 2x4 SP #2 Dense :T3 2x6 SP #2:
Bot chord 2x6 SP #2 :B3, B4 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W5 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

Calculated horizontal deflection is 0.14" due to live load and 0.18" due to dead load.

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

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

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

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

110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

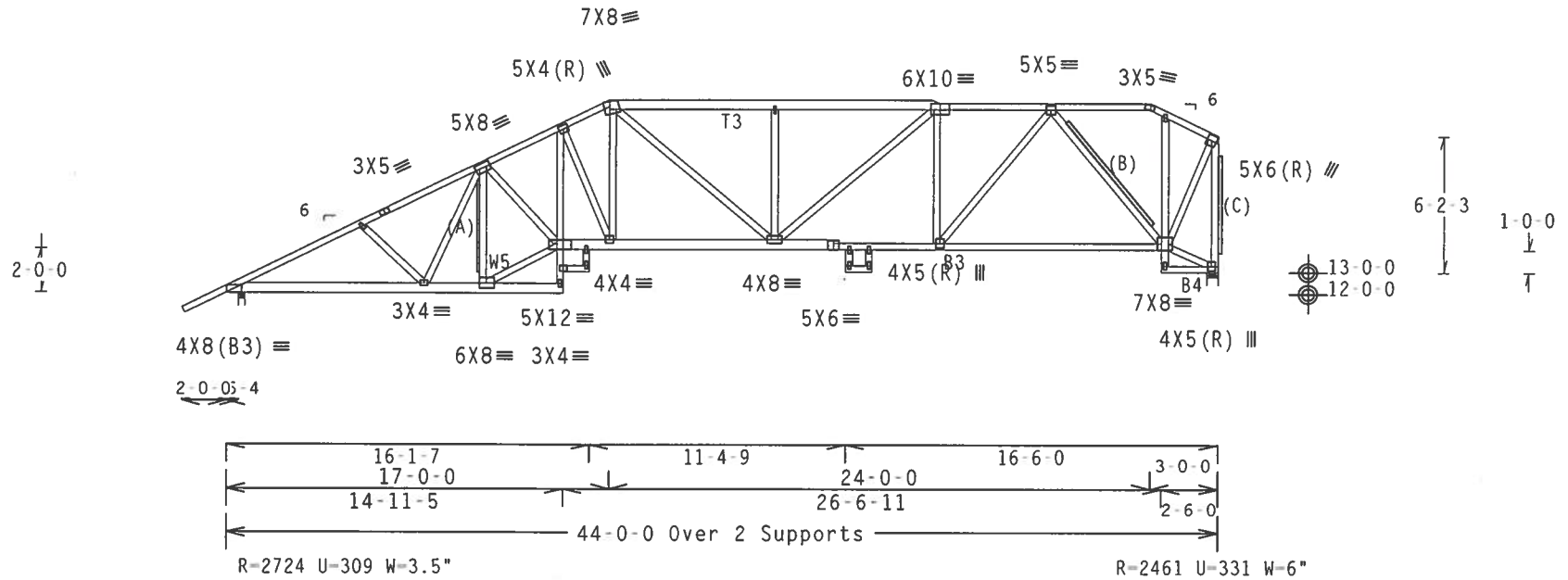
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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JAMES F. COLIANNI LICENSED No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98547
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228009
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44374
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AD)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B1 2x6 SP #2:
:B2 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W4 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

Calculated horizontal deflection is 0.14" due to live load and 0.18" due to dead load.

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

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

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

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

110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

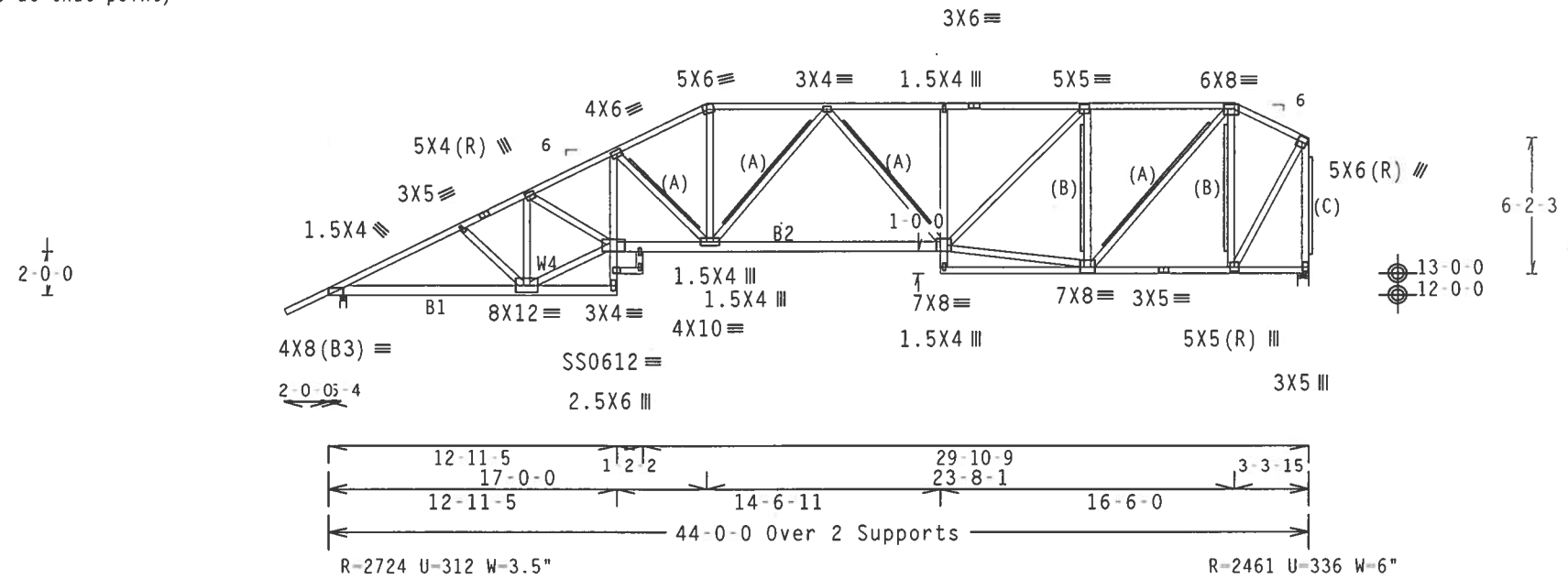
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 18 Gauge HS,Wave | Cq/RT=1.00(1.25)/10(0) | 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.125"/Ft.

ALPINE

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

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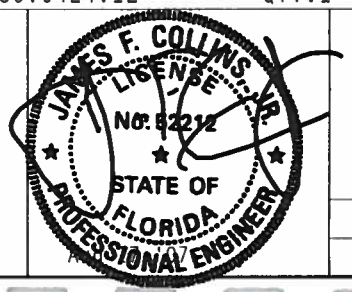


TC LL	30.0 PSF	REF	R8228- 98548
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228010
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44461
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B1 2x6 SP #2:
:B2 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W3, W4 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

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

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

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

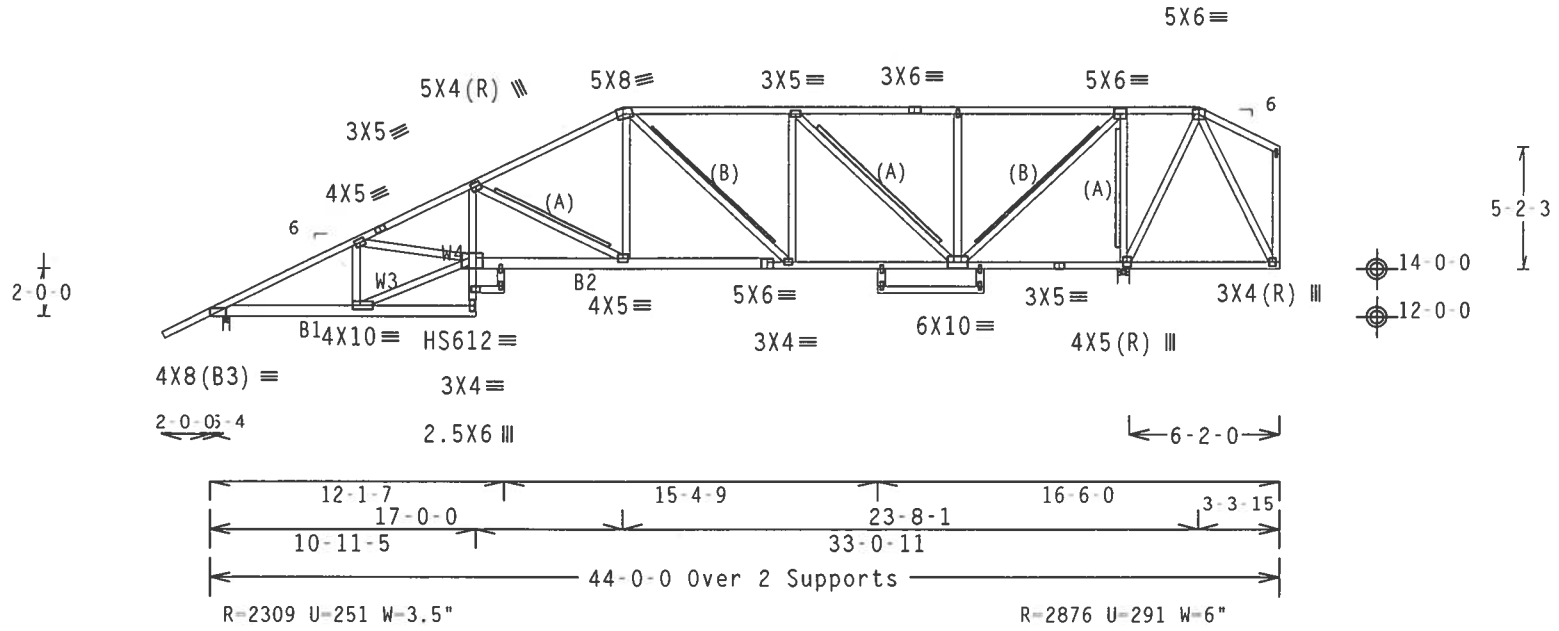
110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF R8228- 98549
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228011
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44657
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AF)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B3, B4 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W3, W4 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

Calculated horizontal deflection is 0.13" due to live load and 0.18" due to dead load.

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

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

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

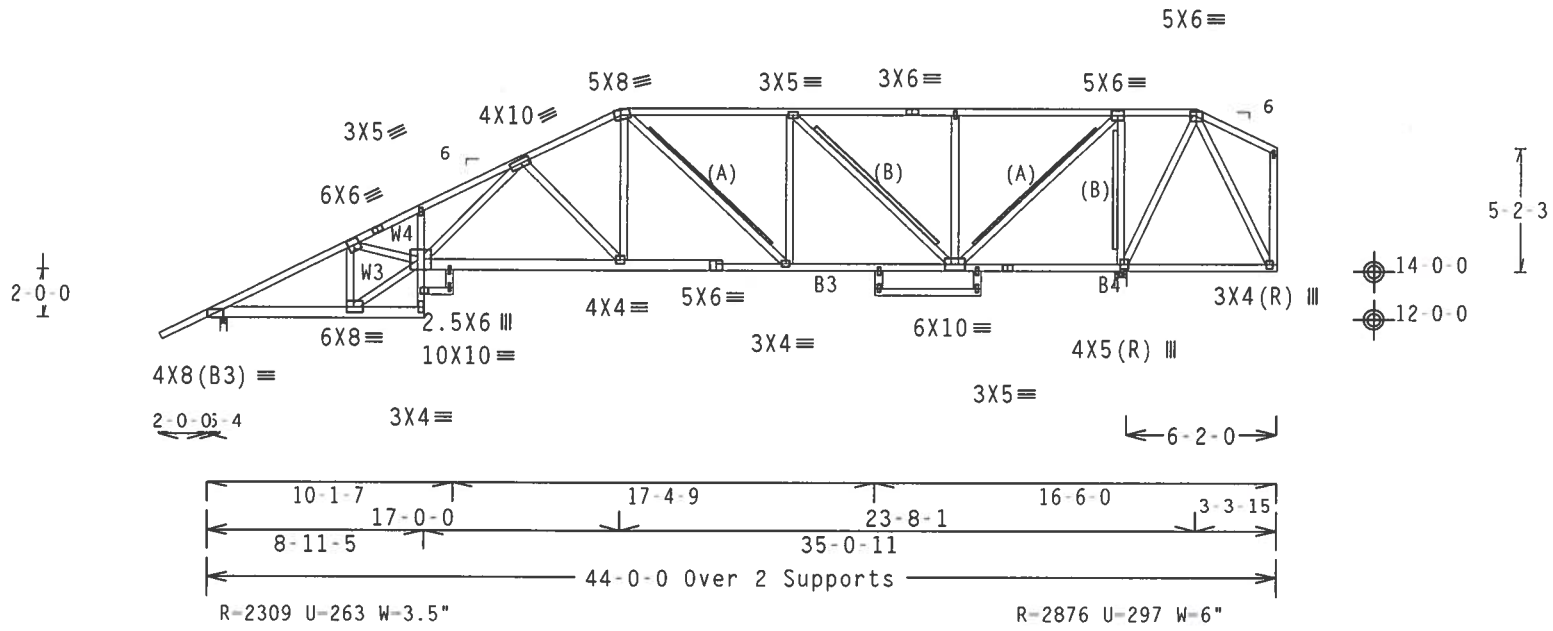
110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 567

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

Aug

TC LL	30.0 PSF	REF R8228- 98550
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228012
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44455
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AG)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B3, B4 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W2, W3, W4, W5 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

Calculated horizontal deflection is 0.15" due to live load and 0.19" due to dead load.

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

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

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

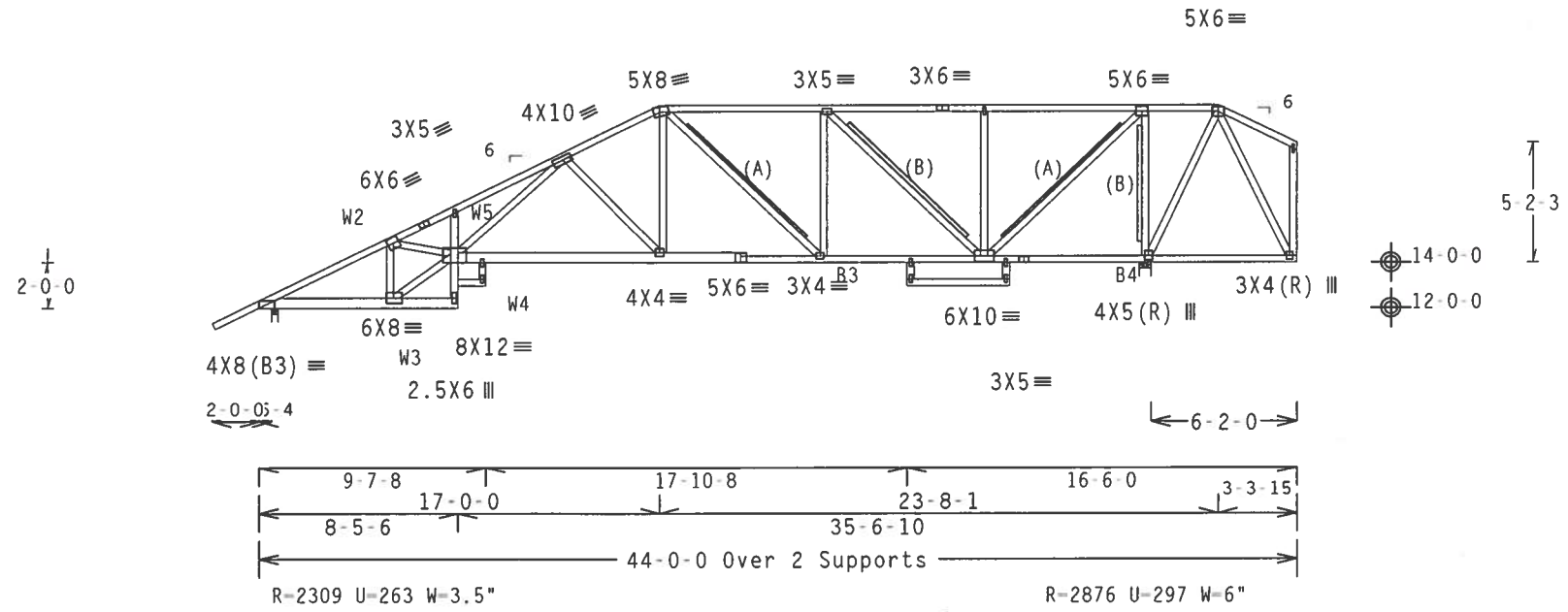
110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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FL Certificate of Authorization # 567

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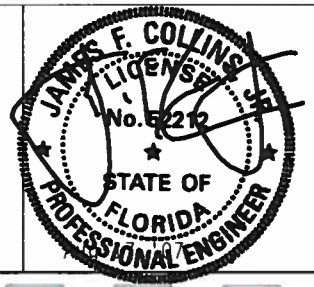


TC LL	30.0 PSF	REF R8228- 98551
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228013
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44533
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AH)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B3, B4 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W3, W4 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

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

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

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

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

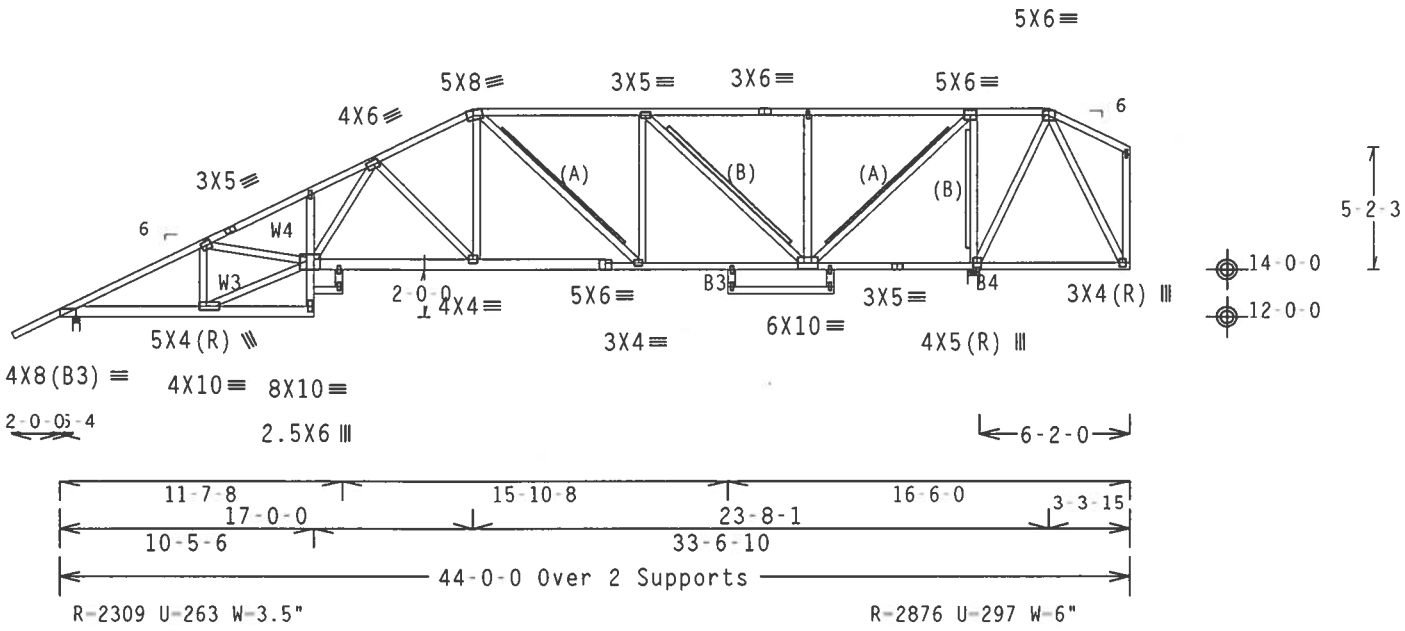
110 mph wind, 16.10 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF R8228- 98552
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228014
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44561
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AI)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B3, B4 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W4, W5 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

Calculated horizontal deflection is 0.13" due to live load and 0.17" due to dead load.

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

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

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

110 mph wind, 15.97 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

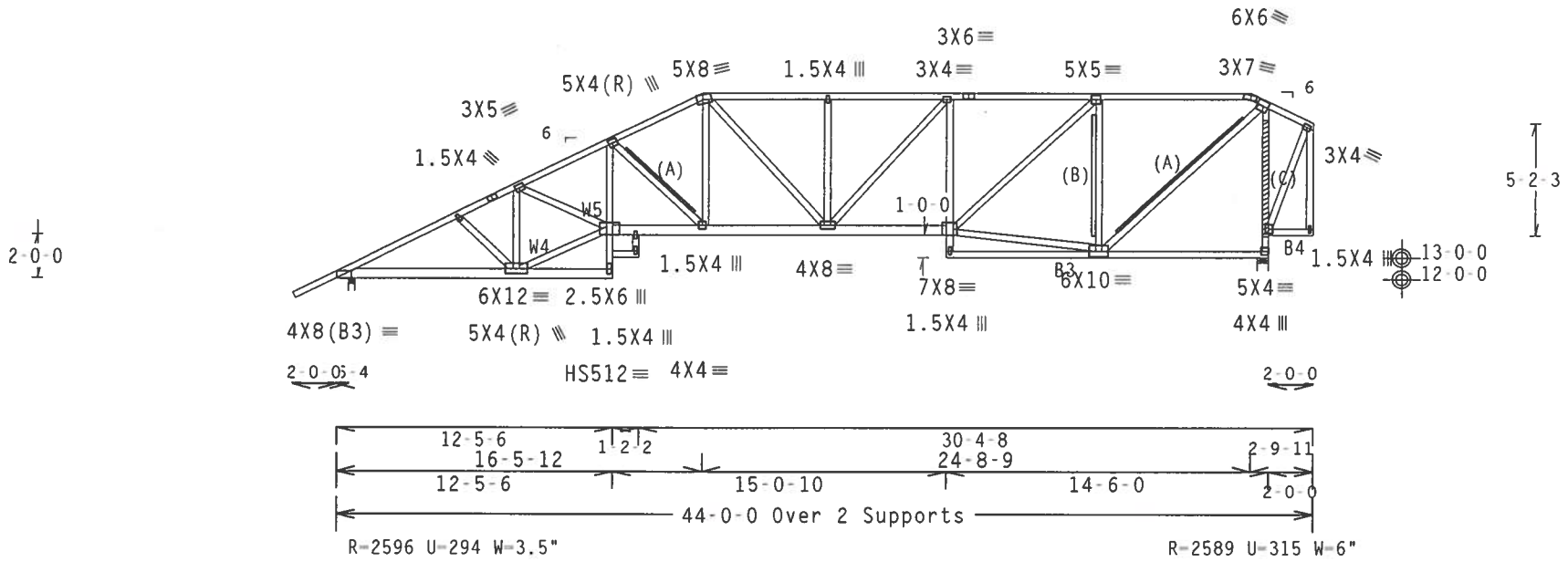
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

(C) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF R8228- 98553
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228015
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44597
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17AJ)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense :B1 2x6 SP #2:
:B2 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W5, W6 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

Calculated horizontal deflection is 0.19" due to live load and 0.26" due to dead load.

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

(C) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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

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

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

110 mph wind, 15.97 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

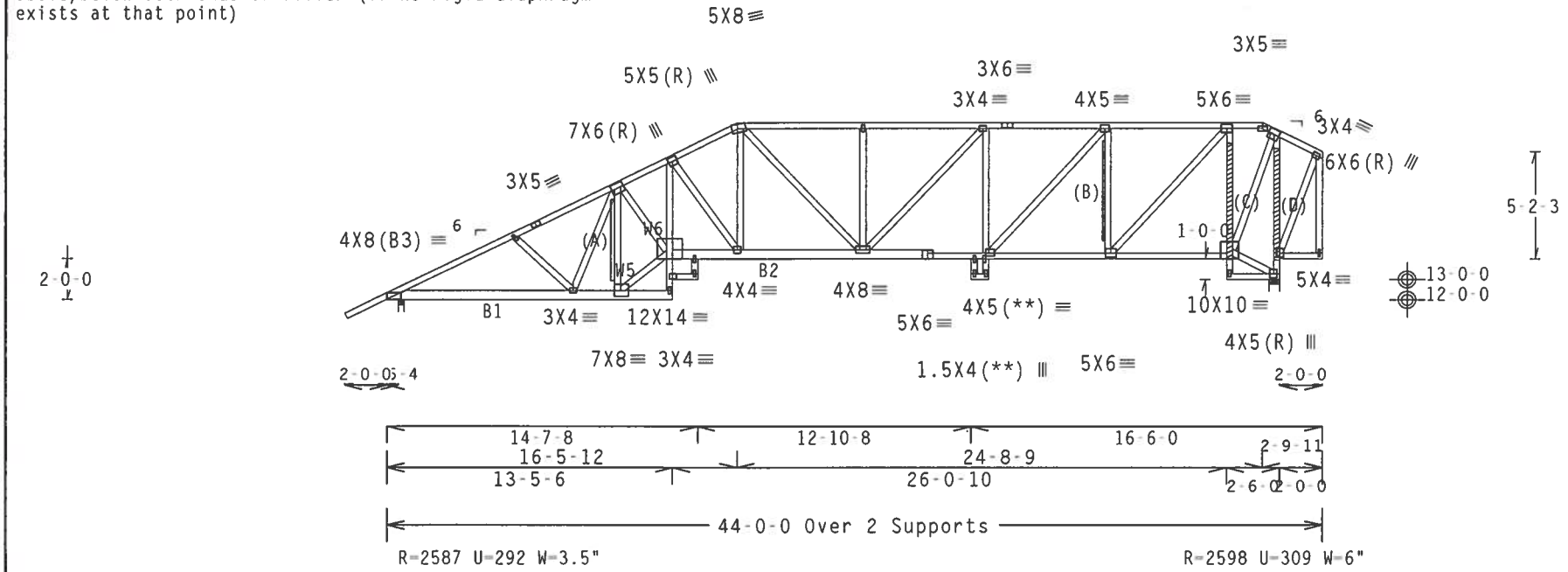
Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

(D) (2) #3 or better scab braces. Same size & 80% length of web member. Attach one to each face w/10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF R8228- 98554
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228016
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44652
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

Top chord 2x6 SP #2
Bot chord 2x6 SP #2
Webs 2x4 SP #3
:W2, W4, W9, W10, W11 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 90 PLF at 0.00 to 90 PLF at 41.48
BC - From 20 PLF at 0.00 to 20 PLF at 20.47
BC - From 20 PLF at 20.47 to 20 PLF at 41.48
TC - 271 LB Conc. Load at 1.79, 3.79, 5.79, 7.79, 9.79 11.79, 13.79, 15.79, 17.79, 19.79
TC - 291 LB Conc. Load at 21.79, 23.79, 25.79, 27.79, 29.79 31.79, 33.79, 35.79, 37.79, 39.79
BC - 87 LB Conc. Load at 1.79, 3.79, 5.79, 7.79, 9.79 11.79, 13.79, 15.79, 17.79, 19.79
BC - 81 LB Conc. Load at 21.79, 23.79, 25.79, 27.79, 29.79 31.79, 33.79, 35.79, 37.79, 39.79

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

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"_min.)_nails)
Top Chord: 1 Row @ 7.75" o.c.
Bot Chord: 1 Row @12.00" o.c.
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, 15.85 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

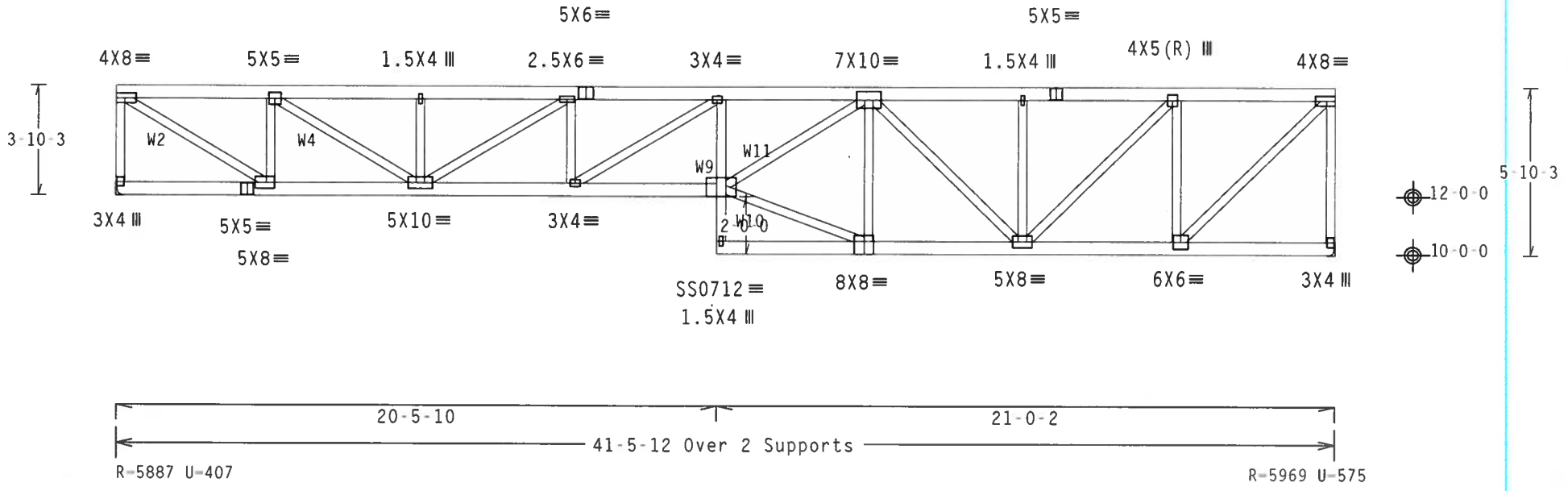
Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.38" DL: 0.48" recommended camber 7/8"

Truss must be installed as shown with top chord up.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. 18 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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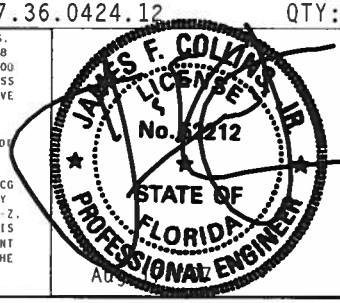


TC LL	30.0 PSF	REF R8228- 98555
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228017
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44142
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H9B)

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 :W10 2x4 SP #2 Dense:

End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.37" DL: 0.46" recommended camber 3/4"

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

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

Truss must be installed as shown with top chord up.

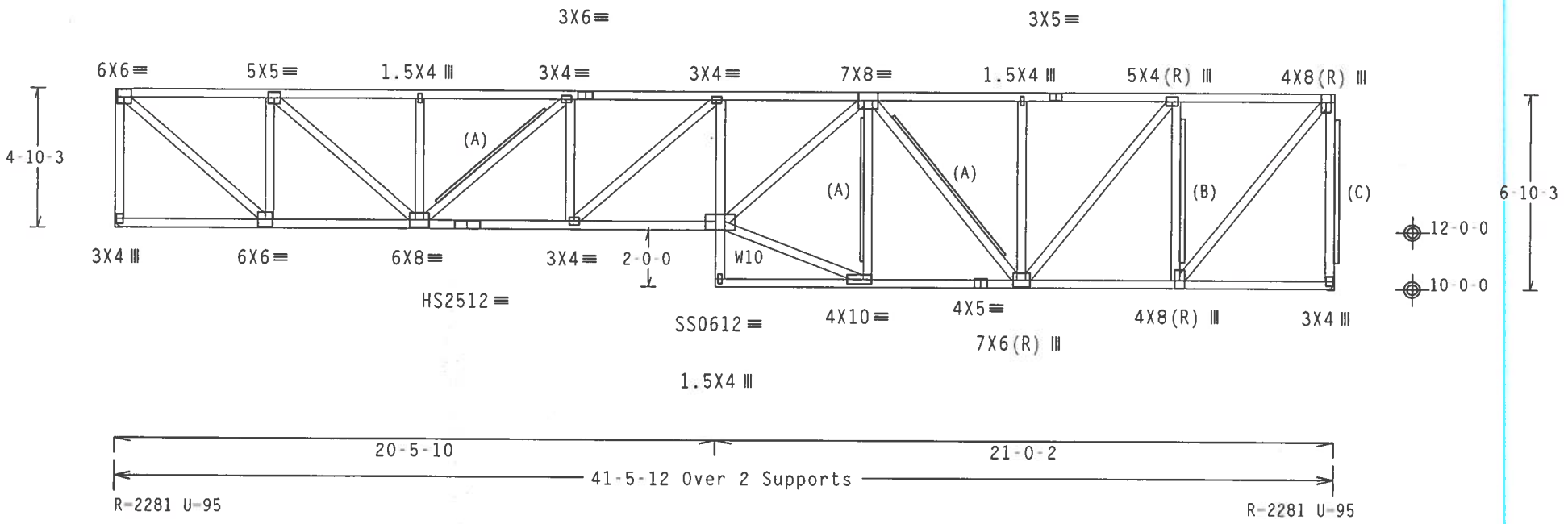
110 mph wind, 16.85 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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

Provide for complete drainage of roof.



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

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

ALPINE

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

TC LL	30.0 PSF	REF R8228- 98556
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228018
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44109
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

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

End verticals not exposed to wind pressure.

Max JT VERT DEFL: LL: 0.29" DL: 0.36" recommended camber 5/8"

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

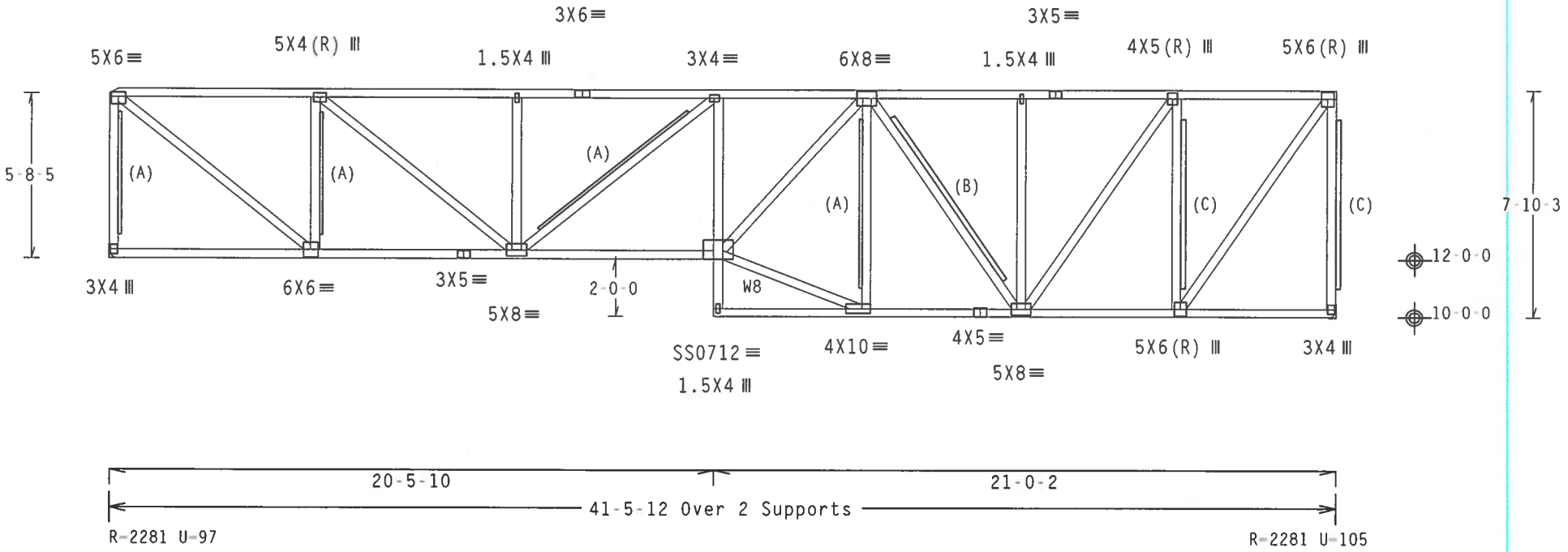
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 17.85 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 18 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

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

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

TC LL	30.0 PSF	REF R8228- 98557
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228019
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44136
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H13B)

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

End verticals not exposed to wind pressure.

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

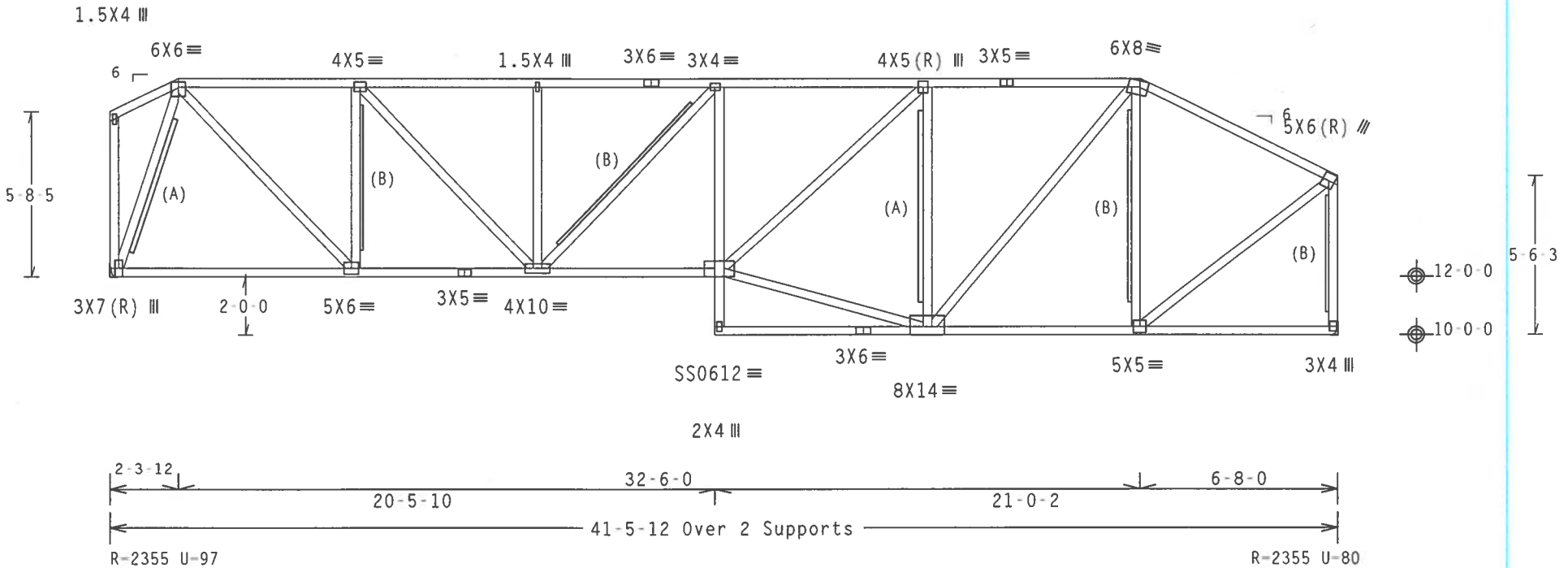
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 17.18 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 18 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF R8228- 98558
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228020
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44168
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

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

End verticals not exposed to wind pressure.

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

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

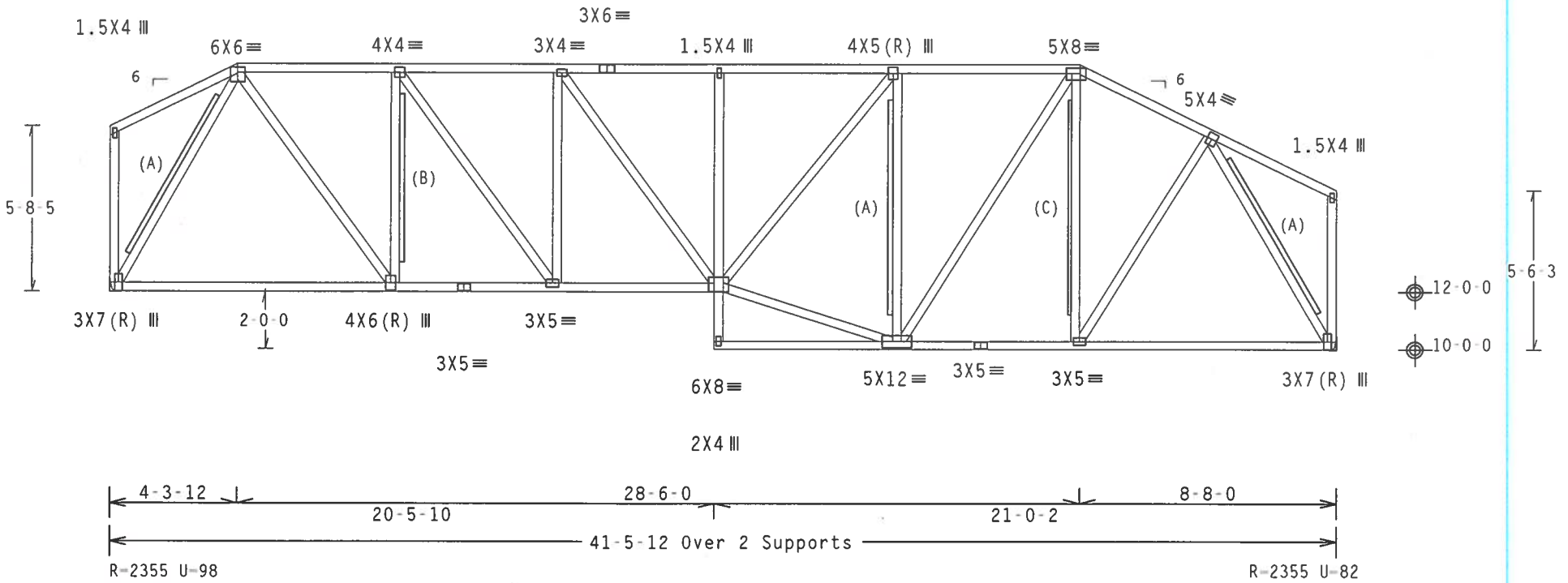
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 17.68 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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) 7.36.0424.12

QTY:1 FL/-/4/-/-/R/-

Scale =.1875"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF	R8228- 98559
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228021
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44185
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H17B)

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

(A) Continuous lateral bracing equally spaced on member.

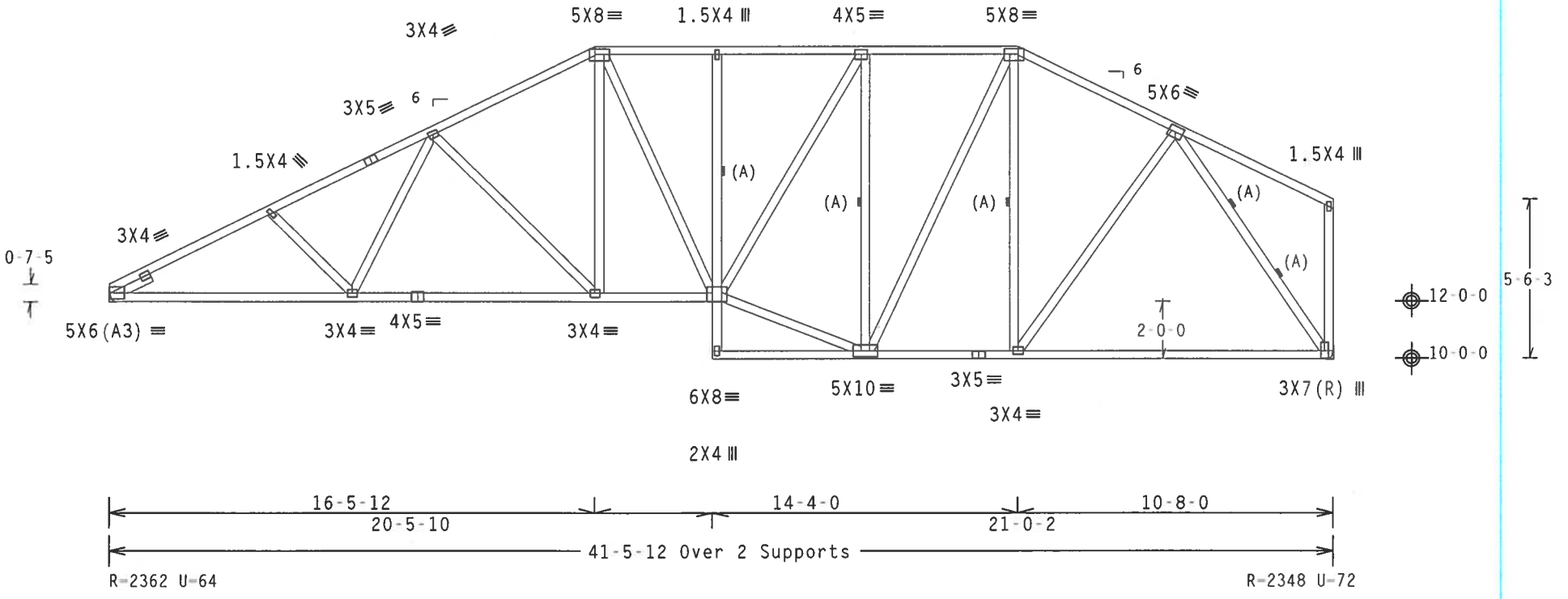
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 16.73 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.1875"/Ft.

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

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JAMES F. COLVIN, JR. LICENSED No. 42212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98560
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228022
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44256
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - B1)

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

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

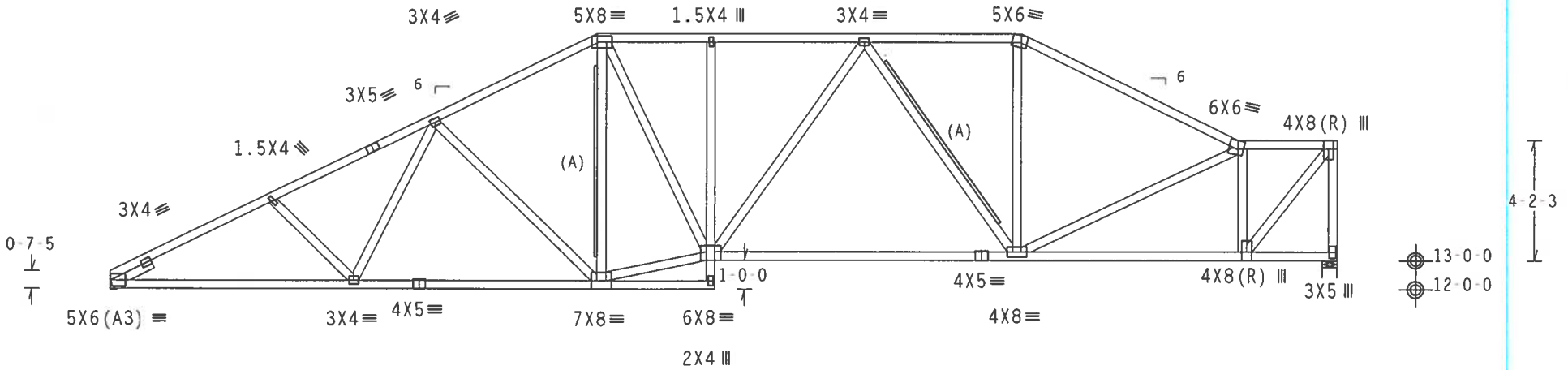
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 16.73 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

QTY:1 FL/-/4/-/-/R/-

Scale =.1875"/Ft.

ALPINE

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

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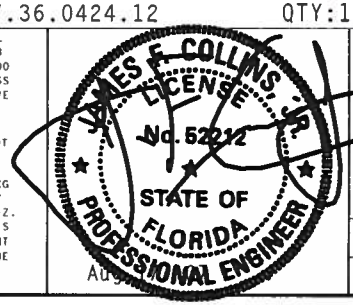


TC LL	30.0 PSF	REF R8228- 98561
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228023
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44264
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - B2)

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 :W18 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense
:Lt Slider 2x4 SP #3: BLOCK LENGTH - 1.500'

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

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

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

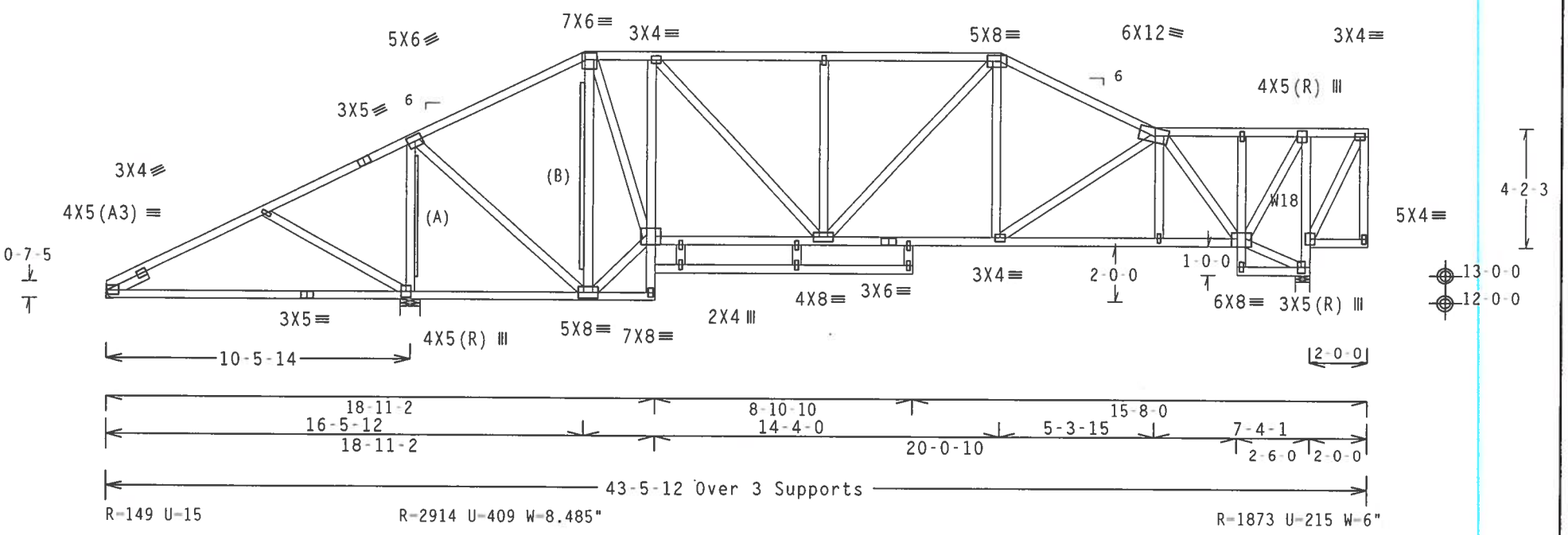
110 mph wind, 16.73 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF	R8228- 98562
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228024
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44280
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - B3)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W6, W17 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense
:Lt Slider 2x4 SP #3: BLOCK LENGTH - 1.500'

See DWGS TCFILLER0207 and BCFILLER0207 for filler details.

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

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

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.

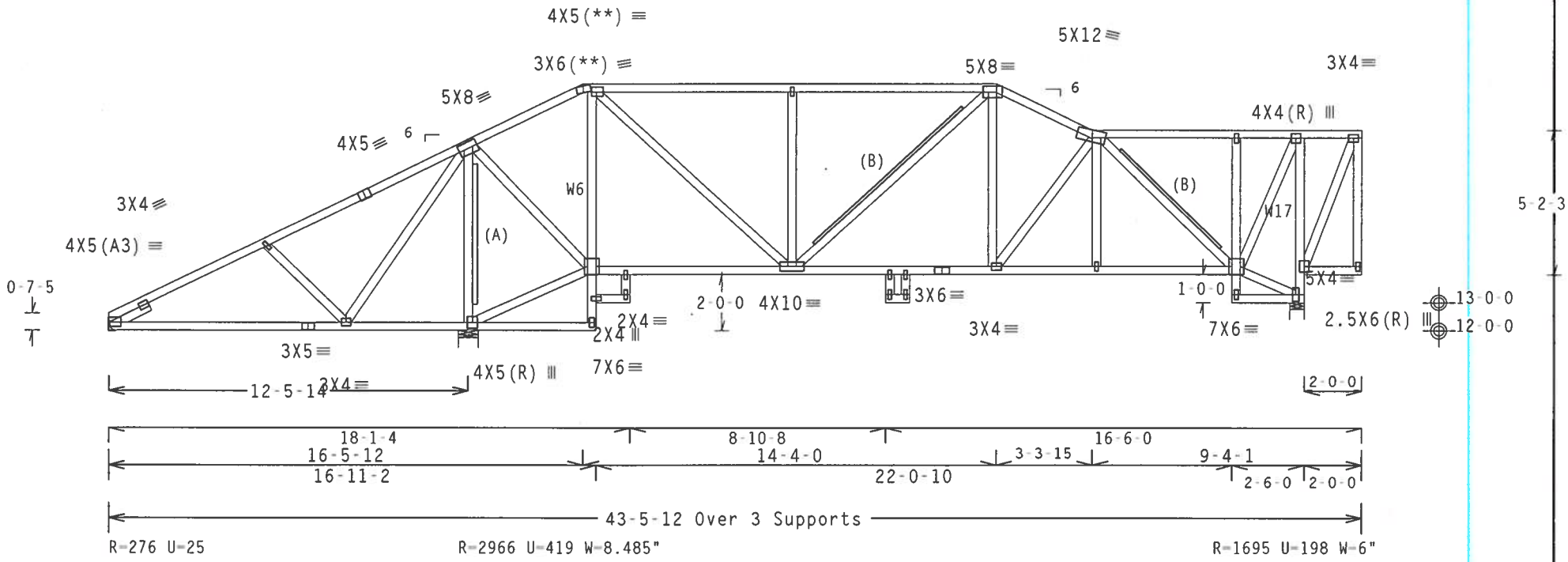
110 mph wind, 16.73 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Laterally brace BC at 24" OC in lieu of rigid ceiling. Laterally brace BC above filler at 24" OC.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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

Aug

TC LL	30.0 PSF	REF R8228- 98563
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228025
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44299
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - B4)

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

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

(A) #3 or better scab brace. Same size & 80% length of web member. Attach with 10d Box or Gun (0.128"x3",min.)nails @ 6" OC.

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

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

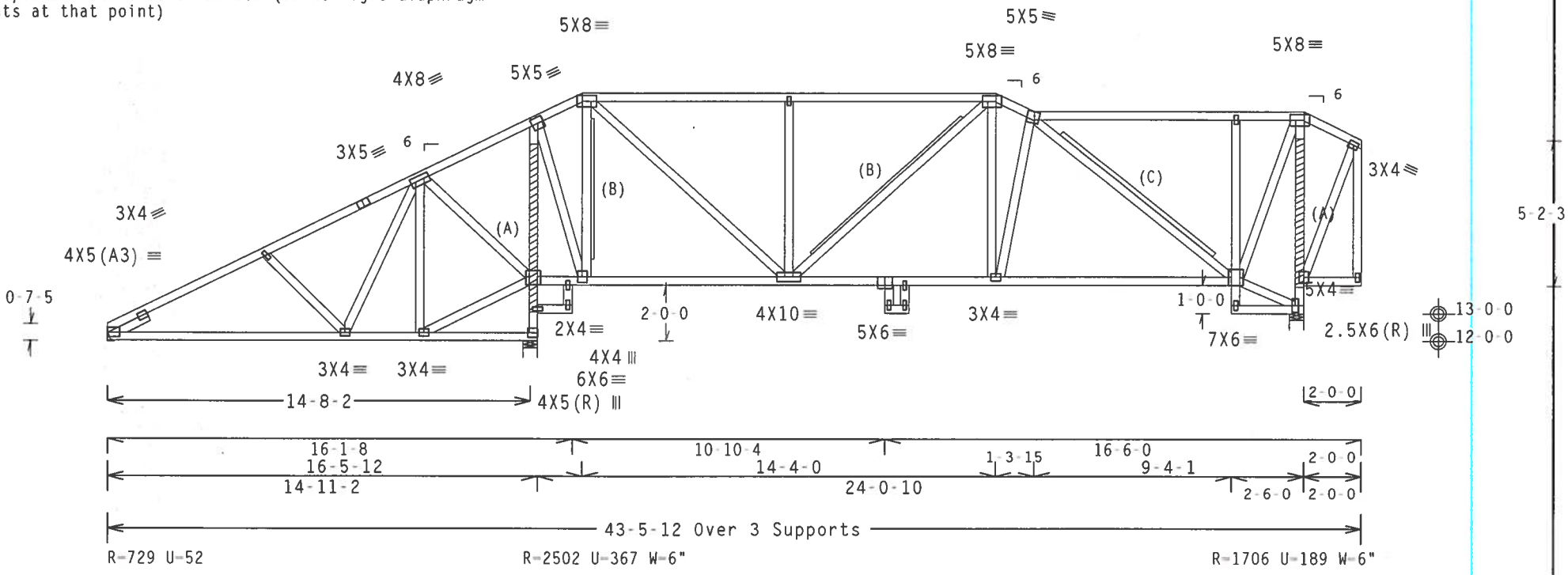
110 mph wind, 16.73 ft mean hgt, ASCE 7-02, PART. ENC. bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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

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



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 =.1875"/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

Aug

TC LL	30.0 PSF	REF	R8228- 98564
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228026
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44330
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

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

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

Left side jacks have 7-0-0 setback with 0-6-4 cant and 2-0-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 2-0-0 overhang.

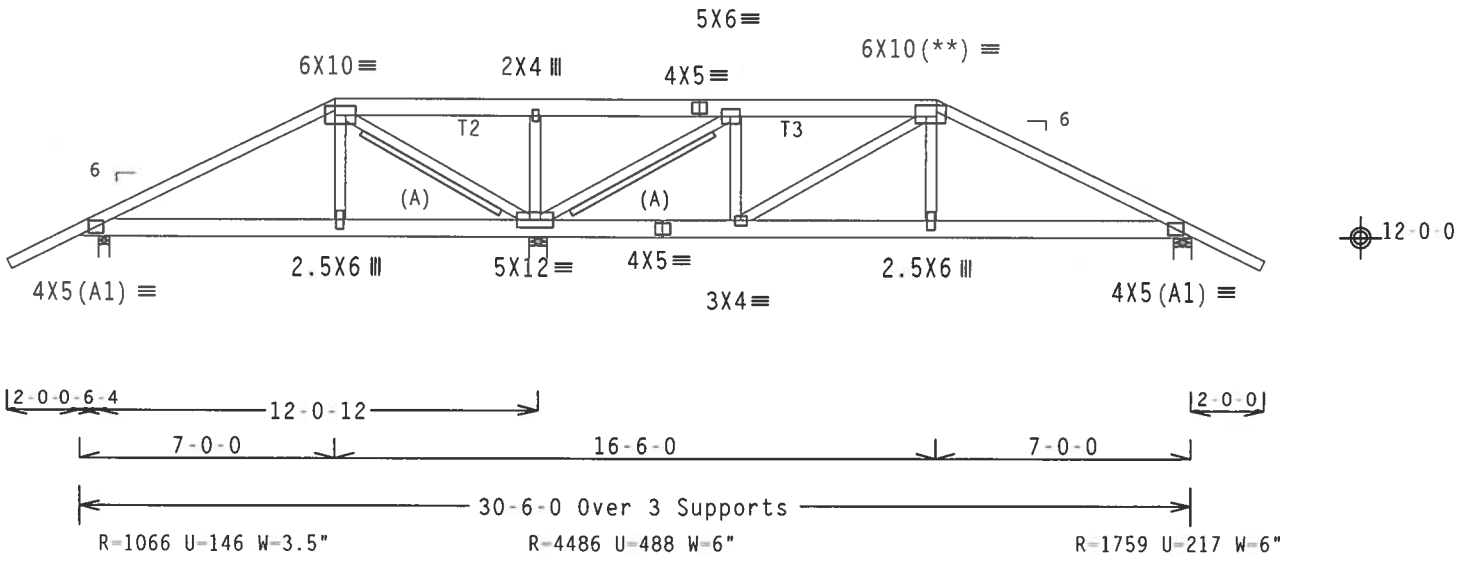
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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

TC LL	30.0 PSF	REF	R8228- 98565
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228027
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43707
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

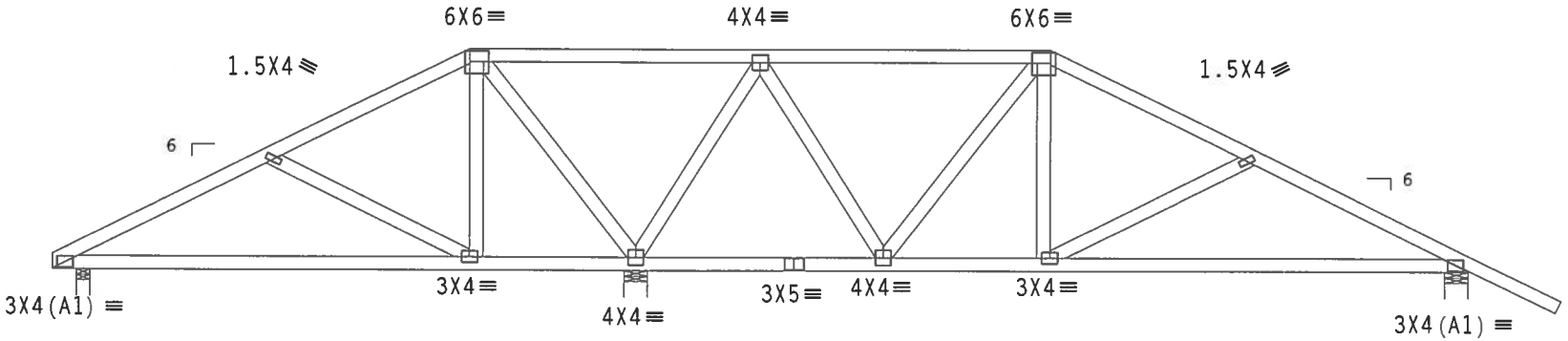
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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) 7.36.0424.12 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

Aug

TC LL	30.0 PSF	REF	R8228- 98566
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228028
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43715
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at 0.00 to 94 PLF at 10.31
TC - From 94 PLF at 10.31 to 94 PLF at 20.19
TC - From 94 PLF at 20.19 to 94 PLF at 32.50
BC - From 20 PLF at 0.00 to 20 PLF at 30.50
BC - From 4 PLF at 30.50 to 4 PLF at 32.50
BC - 729 LB Conc. Load at 1.44
BC - 276 LB Conc. Load at 3.44
BC - 149 LB Conc. Load at 5.44
BC - 2362 LB Conc. Load at 7.44, 9.44, 11.44, 13.44
BC - 2355 LB Conc. Load at 15.44, 17.44
BC - 2281 LB Conc. Load at 19.44, 21.44
BC - 5887 LB Conc. Load at 23.31

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

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d Box or Gun (0.128"x3.25", min.) nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 3 Rows @ 3" 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.

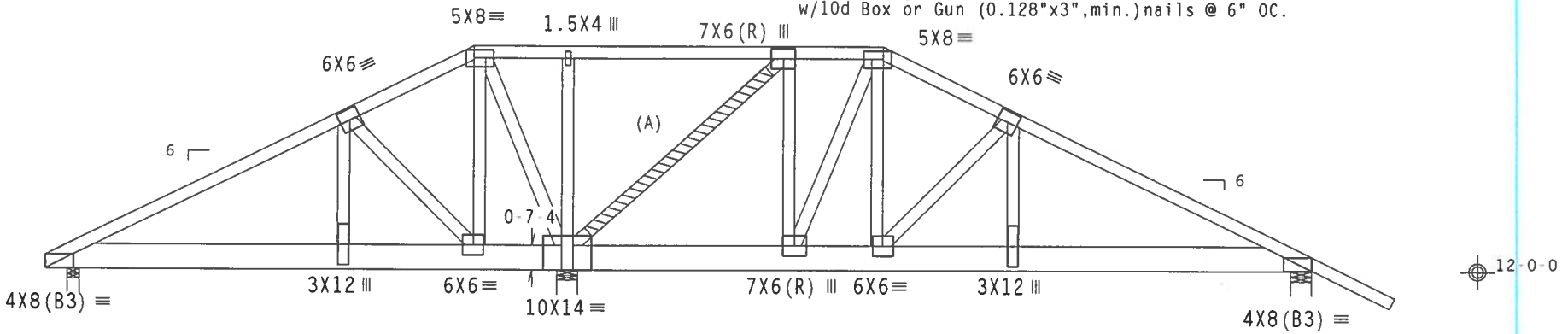
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

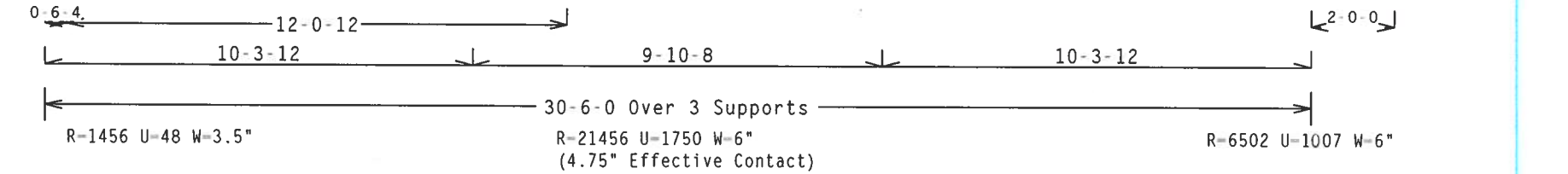
Wind reactions based on MWFRS pressures.

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

* WARNING* A reaction exceeds 20000 lbs.

(A) 2 SCAB braces. 80% length of web member. Same size, species & grade or better. Attach one to each face w/10d Box or Gun (0.128"x3",min.)nails @ 6" OC.





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

TC LL	30.0 PSF	REF	R8228- 98567
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228029
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44700
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H3D)

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

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

110 mph wind, 17.51 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

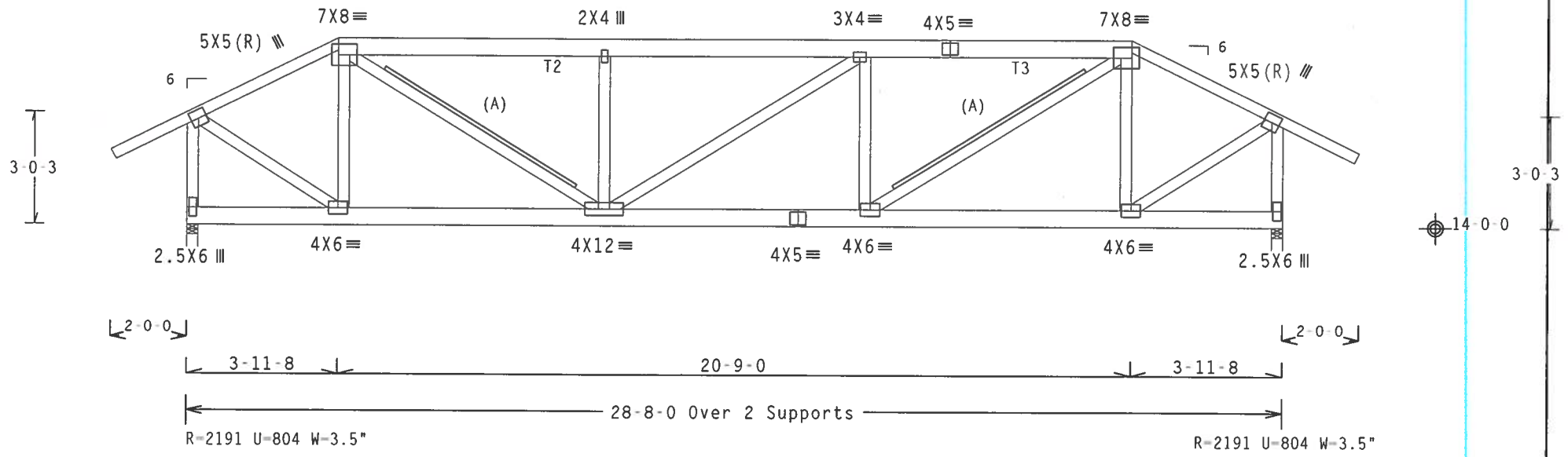
(A) 1x4 #3 or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.)nails @ 6" OC.

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

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at -2.00 to 94 PLF at 3.96
TC - From 94 PLF at 3.96 to 94 PLF at 24.71
TC - From 94 PLF at 24.71 to 94 PLF at 30.67
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 28.67
BC - From 4 PLF at 28.67 to 4 PLF at 30.67
TC - 230 LB Conc. Load at 3.96, 24.71
TC - 82 LB Conc. Load at 6.02, 8.02, 10.02, 12.02, 14.02 14.65, 16.65, 18.65, 20.65, 22.65
BC - -134 LB Conc. Load at 3.96, 24.71
BC - -27 LB Conc. Load at 6.02, 8.02, 10.02, 12.02, 14.02 14.65, 16.65, 18.65, 20.65, 22.65

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) 7.36.0424.12 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. 82212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF	R8228- 98568
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228030
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43755
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - E1)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #1 Dense:
Bot chord 2x8 SP SS :B2 2x4 SP #2 Dense:
Webs 2x4 SP #3

Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

Truss designed for sleeping room only. No waterbeds permitted. Provide information to contractor, architect, and bldg owner. Trusses to be visibly stamped to indicate 30.00 psf MAX LL.

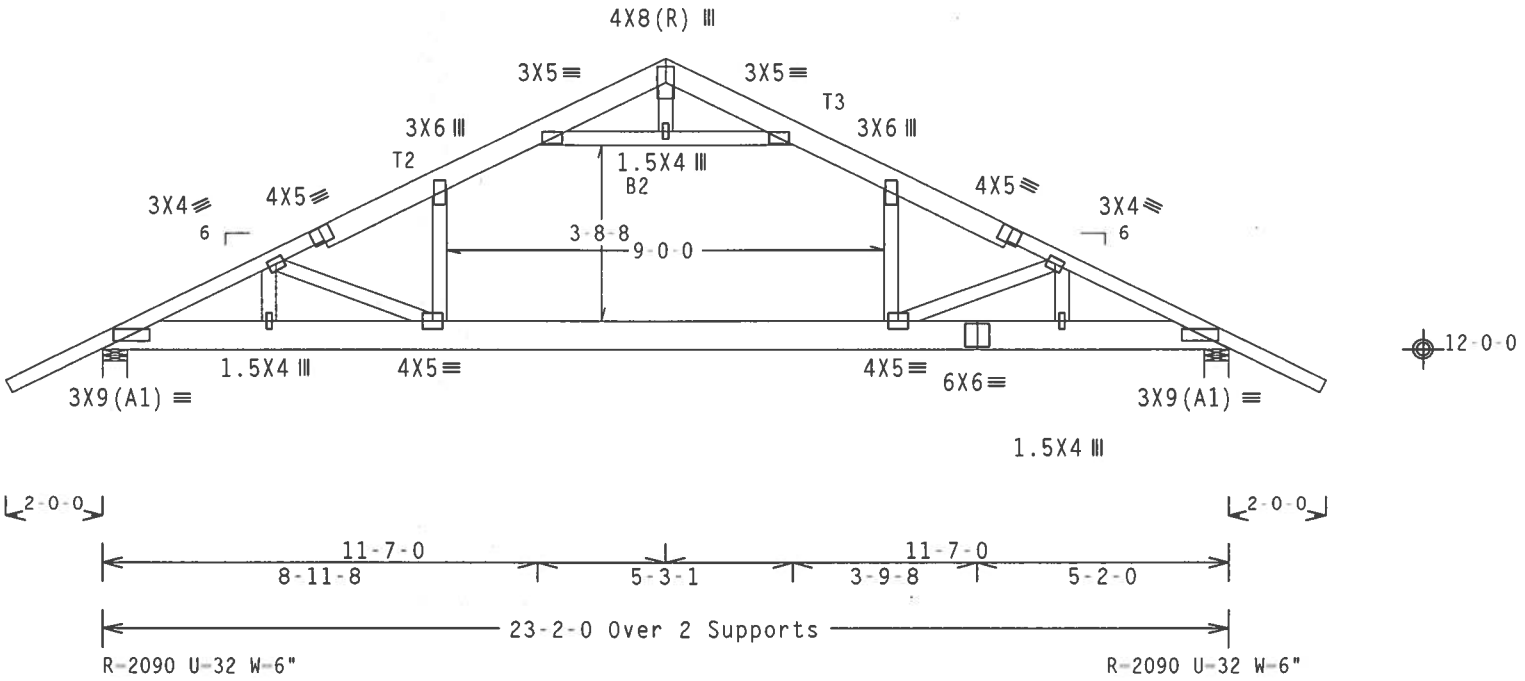
Truss supports 400# mech unit; unit centered at 11-7-0; supported by BC; unit width 4-0-0; supported by 2 trusses.

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

BC attic room floor loading: LL = 30.00 psf; DL = 5.00 psf; from 7-1-0 to 16-1-0.

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) 7.36.0424.12 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.

IMPORTANTFURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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

TC LL	30.0 PSF	REF R8228- 98569
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228031
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43547
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - E2)

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

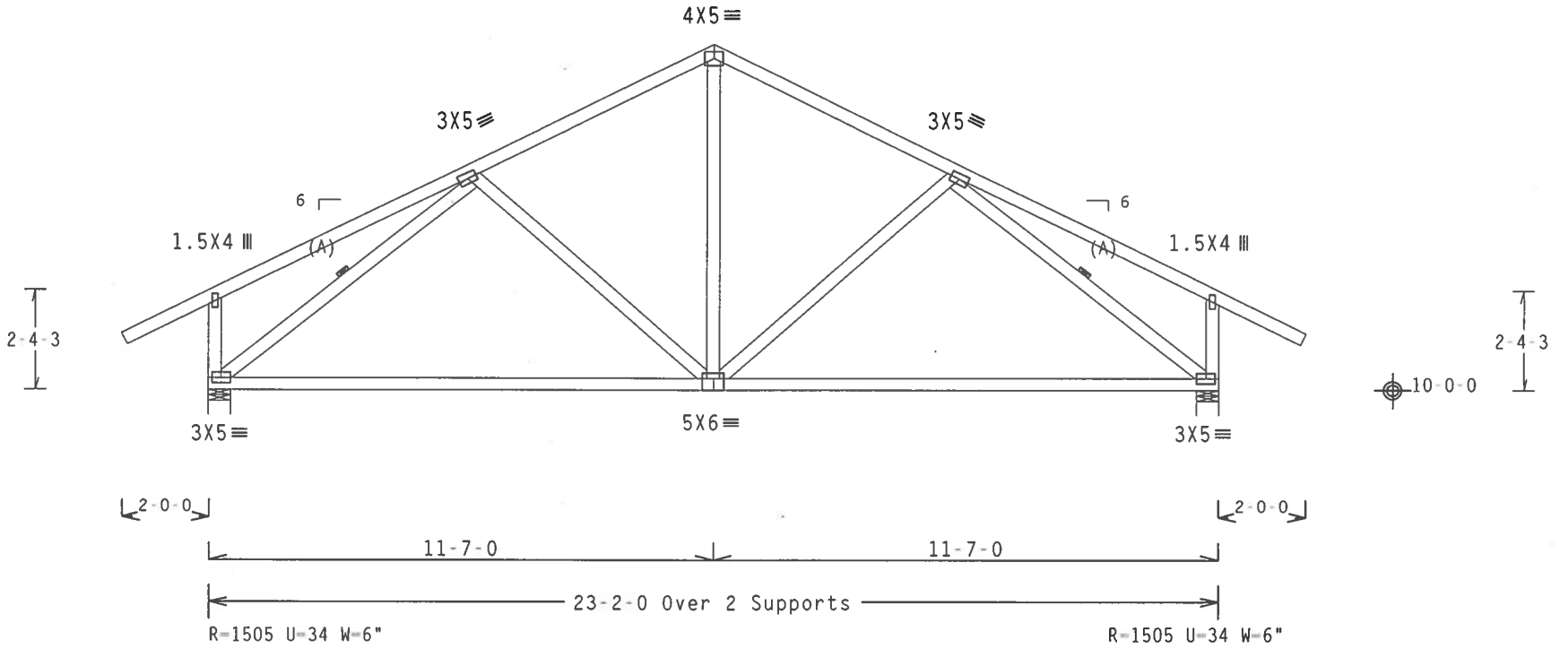
End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC

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

TC LL	30.0 PSF	REF R8228- 98570
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228032
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43575
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - E3)

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

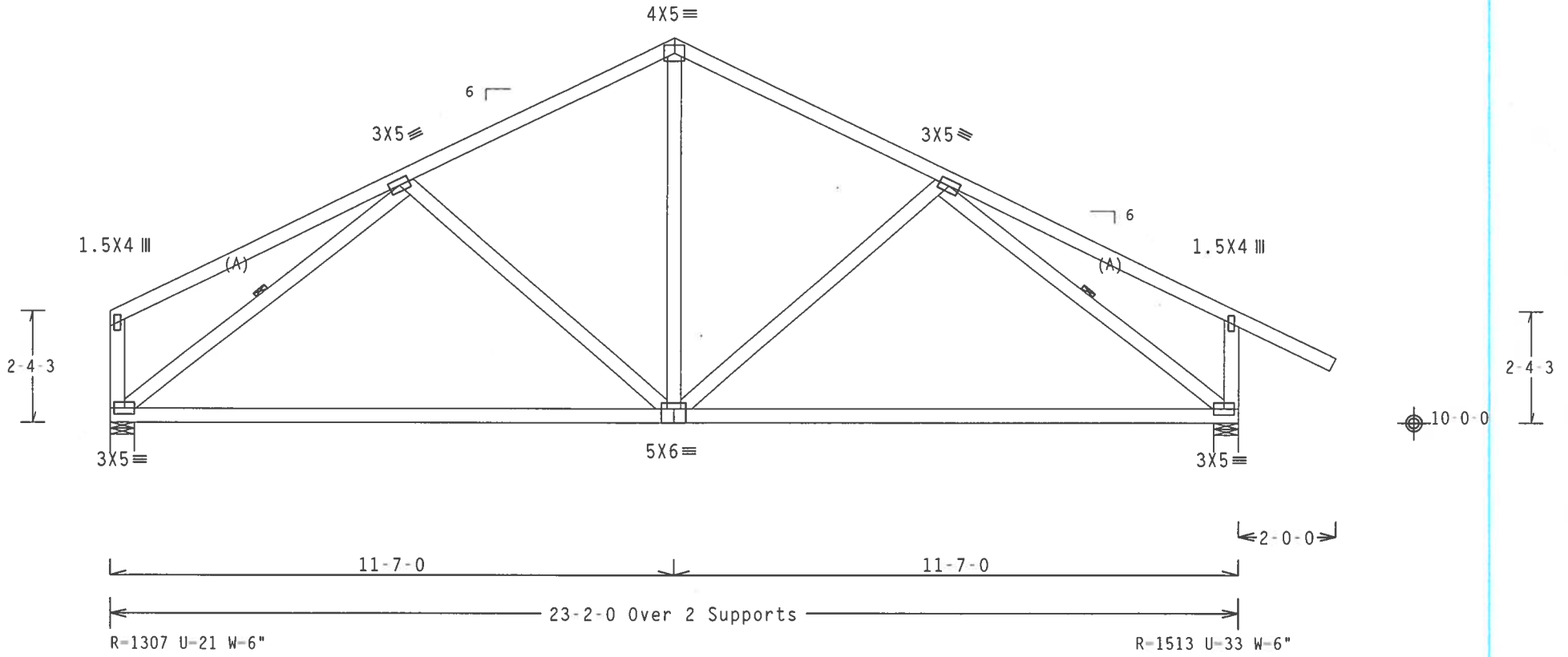
End verticals exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 | 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. COLVIN JR. LICENSE No. 52211 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF	R8228- 98571
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228033
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43570
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H11E)

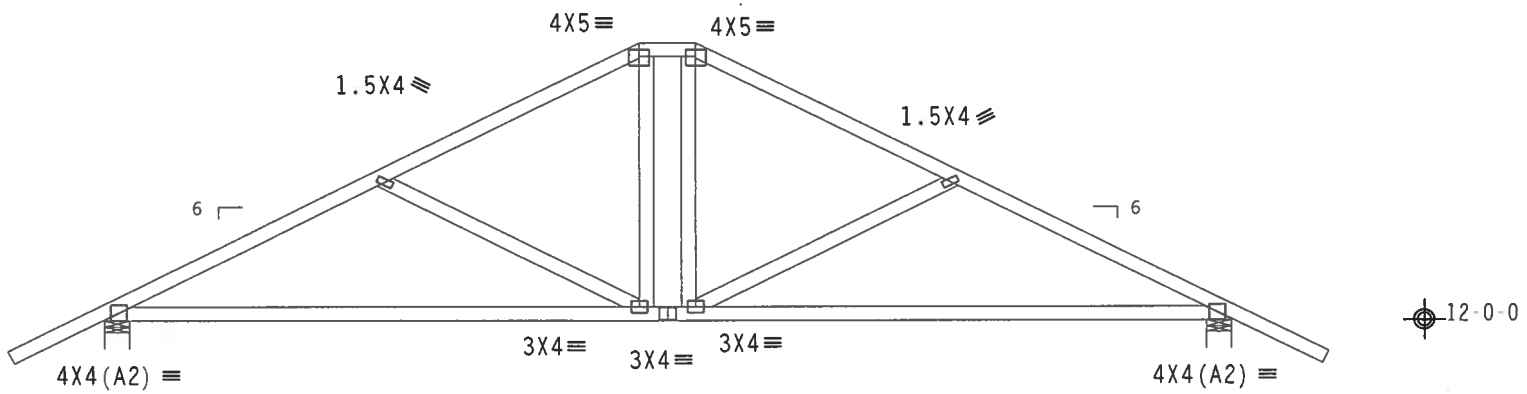
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

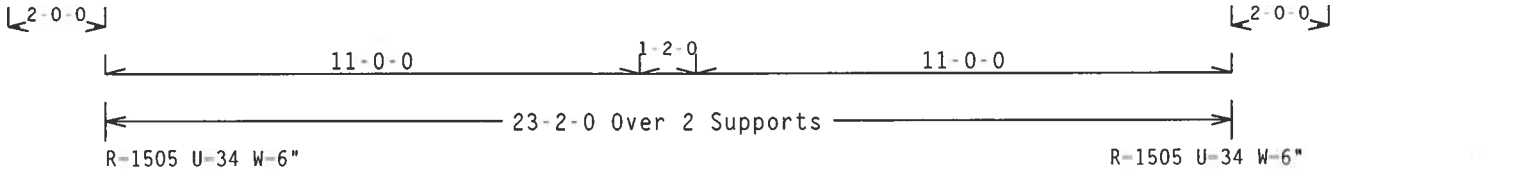
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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=7.5 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) 7.36.0424.12 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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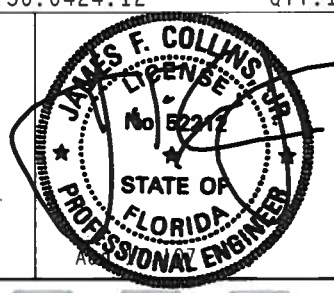


TC LL	30.0 PSF	REF	R8228- 98572
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228034
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43581
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H9E)

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

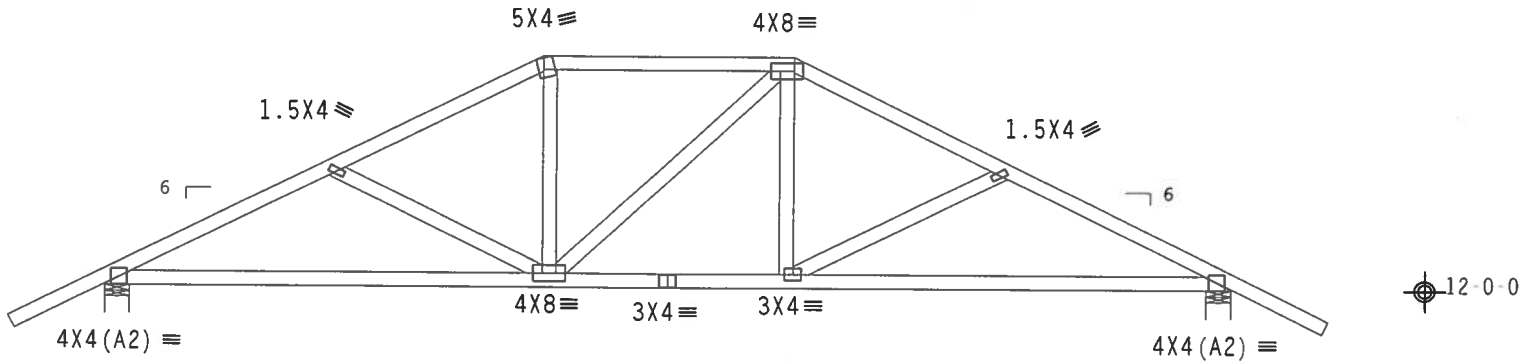
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

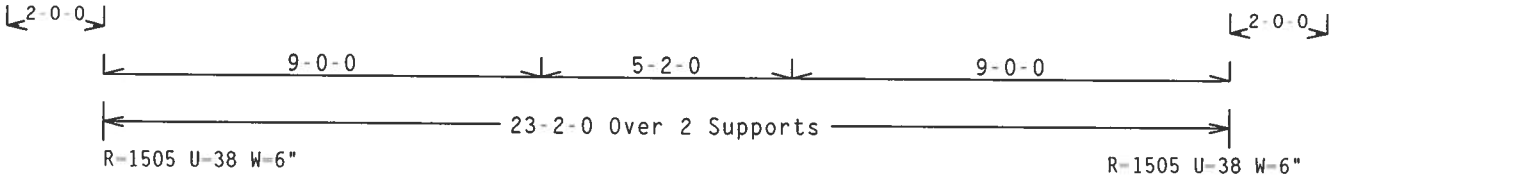
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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=7.5.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.





PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC
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 E. COLLINS JR. LICENSED No. 52213 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF	R8228- 98573
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228035
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43586
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H7E)

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

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

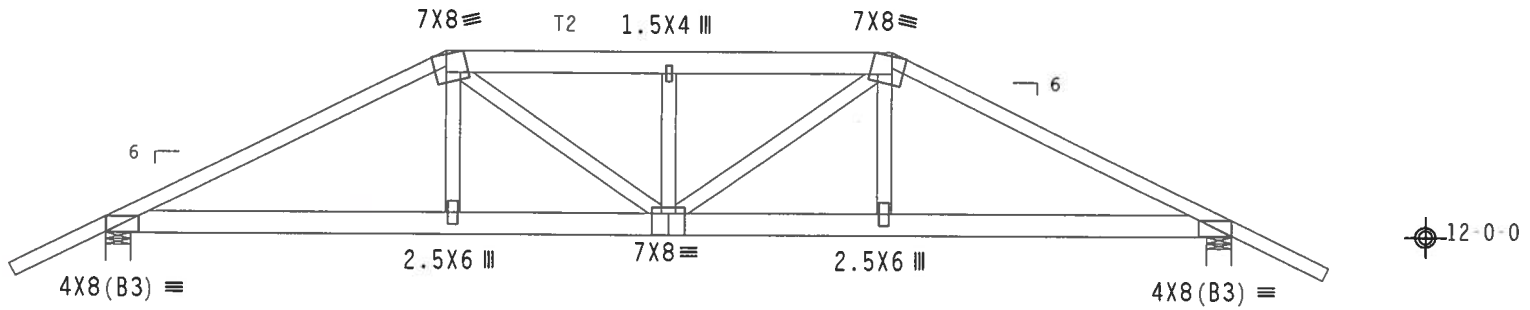
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

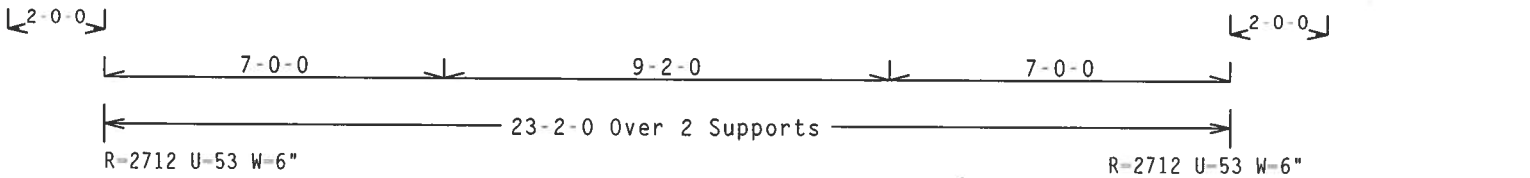
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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) 7.36.0424.12 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 E. COLLINS, JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug

TC LL	30.0 PSF	REF R8228- 98574
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228036
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43592
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - E4-GDR)

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

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W2, W7, W12 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at 2.00 to 94 PLF at 11.58
TC - From 94 PLF at 11.58 to 94 PLF at 25.17
BC - From 20 PLF at 0.00 to 20 PLF at 23.17
BC - From 4 PLF at 23.17 to 4 PLF at 25.17
BC - 2348 LB Conc. Load at 2.10, 4.10, 6.10
BC - 2355 LB Conc. Load at 8.10, 10.10
BC - 2281 LB Conc. Load at 12.10, 14.10
BC - 5969 LB Conc. Load at 16.04

End verticals not exposed to wind pressure.

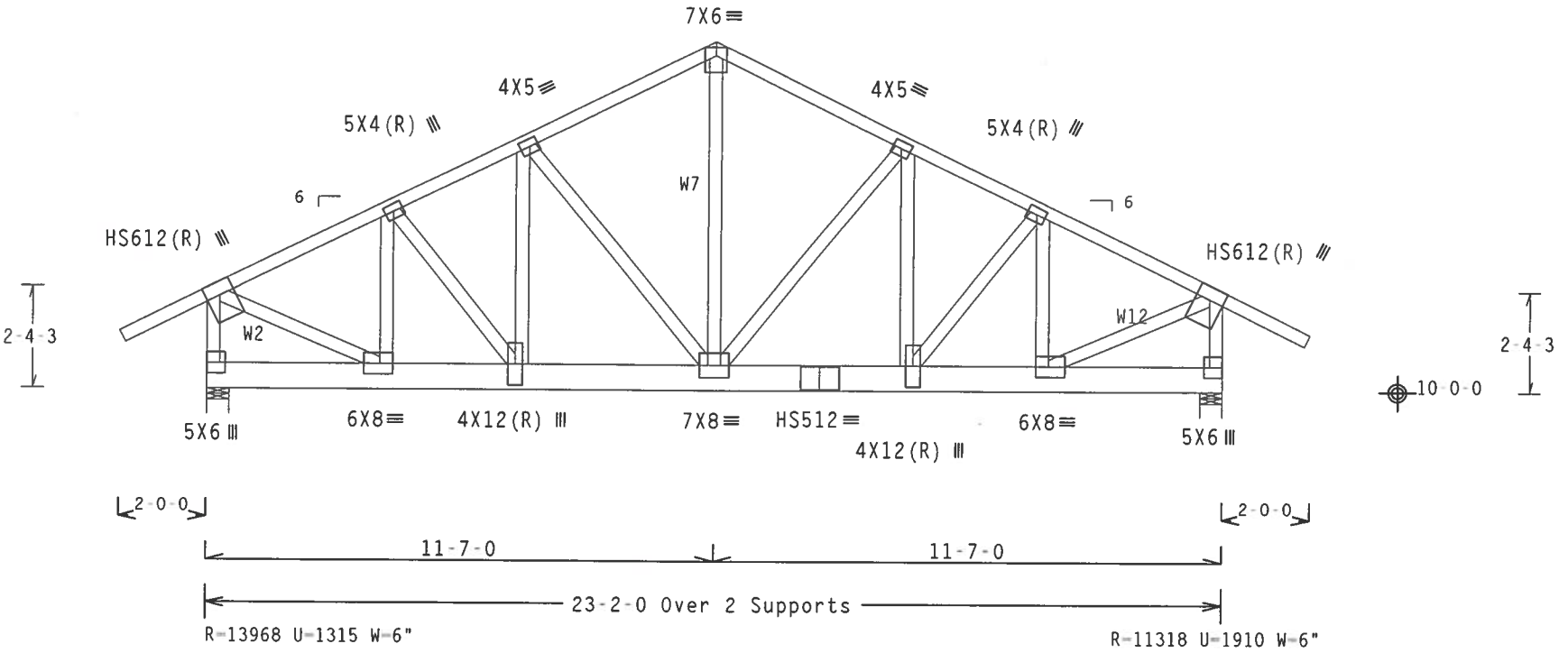
3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 3 Rows @ 3.00" 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, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 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. COLVINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98575
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228037
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 44674
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

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

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H5F)

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

End verticals not exposed to wind pressure.

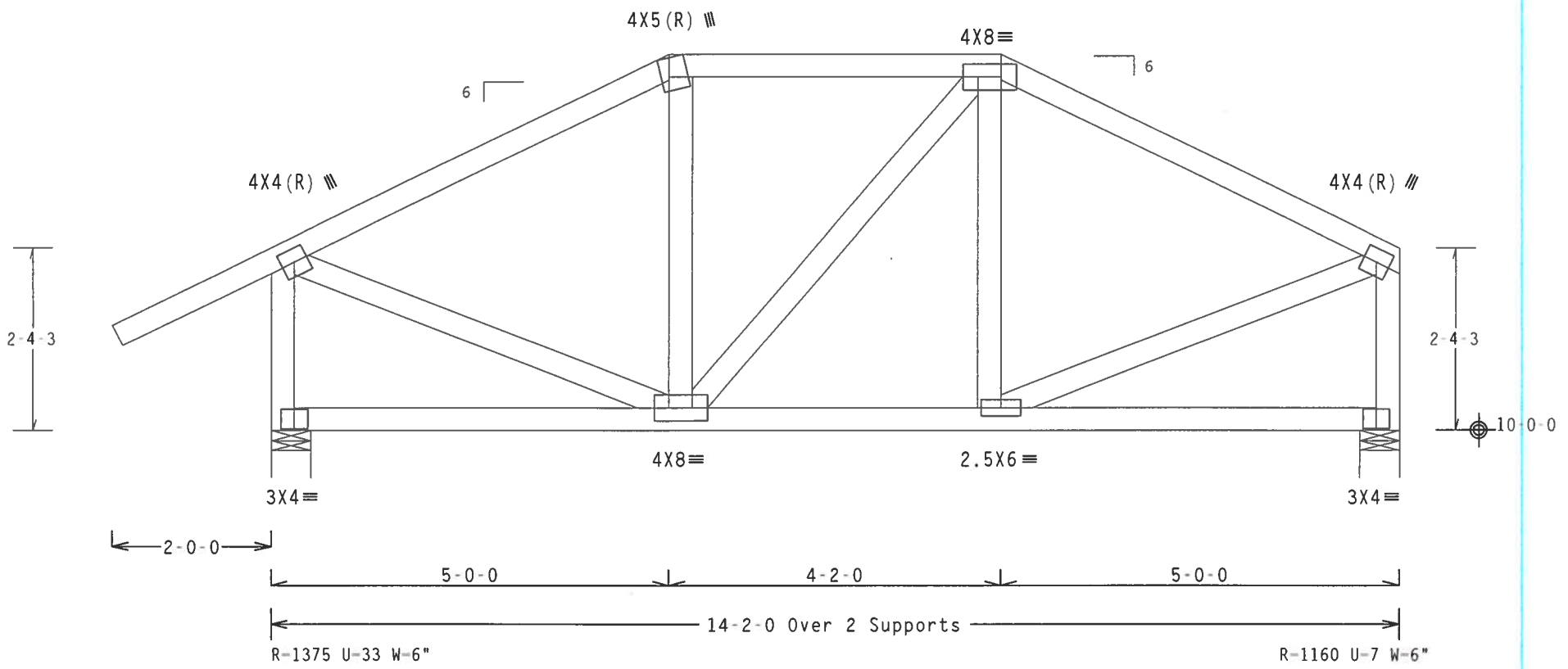
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/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

Aug

TC LL	30.0 PSF	REF R8228- 98576
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228038
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43639
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - H5F-GDR)

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP SS
Webs 2x4 SP #3 :W9 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at -2.00 to 94 PLF at 6.42
TC - From 94 PLF at 6.42 to 94 PLF at 7.75
TC - From 94 PLF at 7.75 to 94 PLF at 14.17
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 14.17
BC - 5544 LB Conc. Load at 9.13
BC - 2166 LB Conc. Load at 11.06
BC - 2012 LB Conc. Load at 13.06

End verticals not exposed to wind pressure.

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

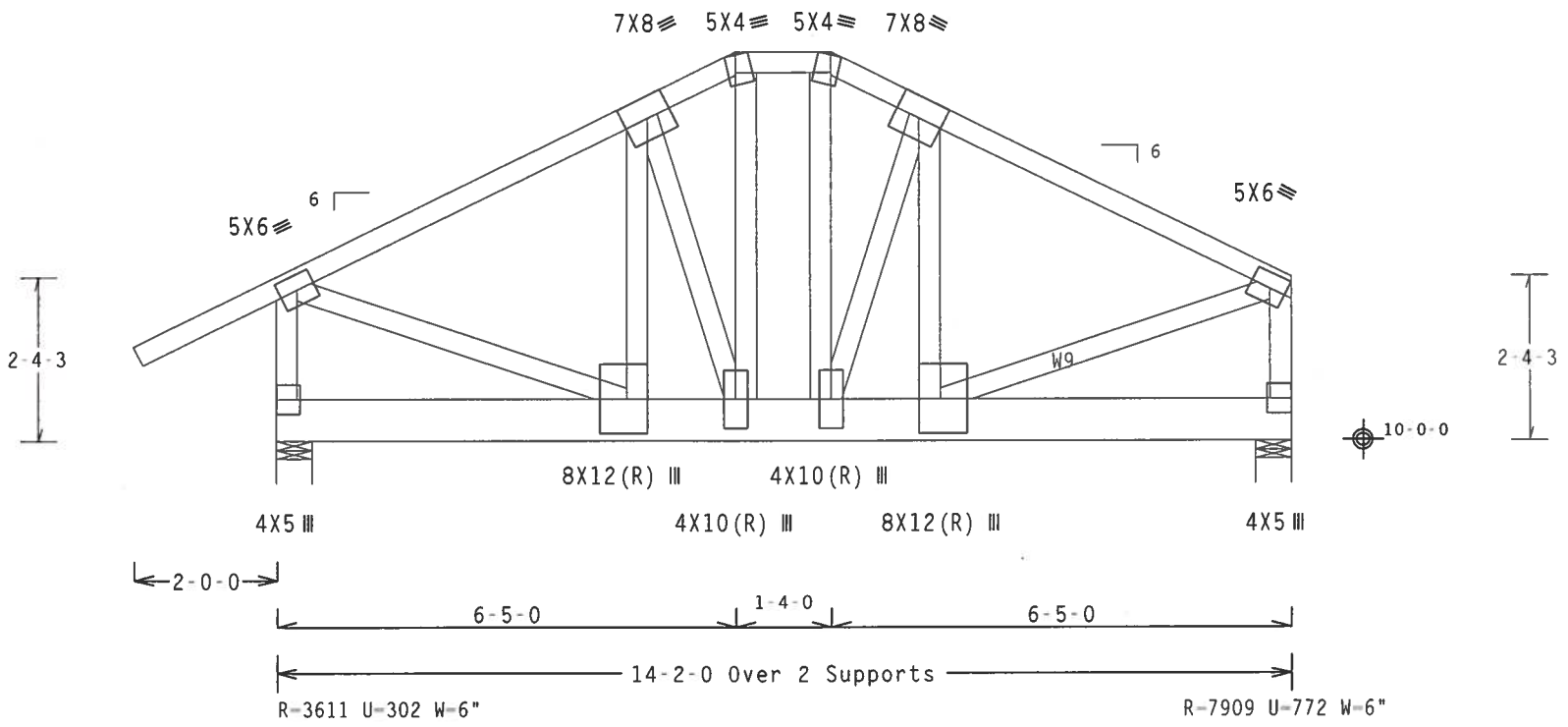
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Box_or_Gun_(0.128"x3.25"._min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 4.50" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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

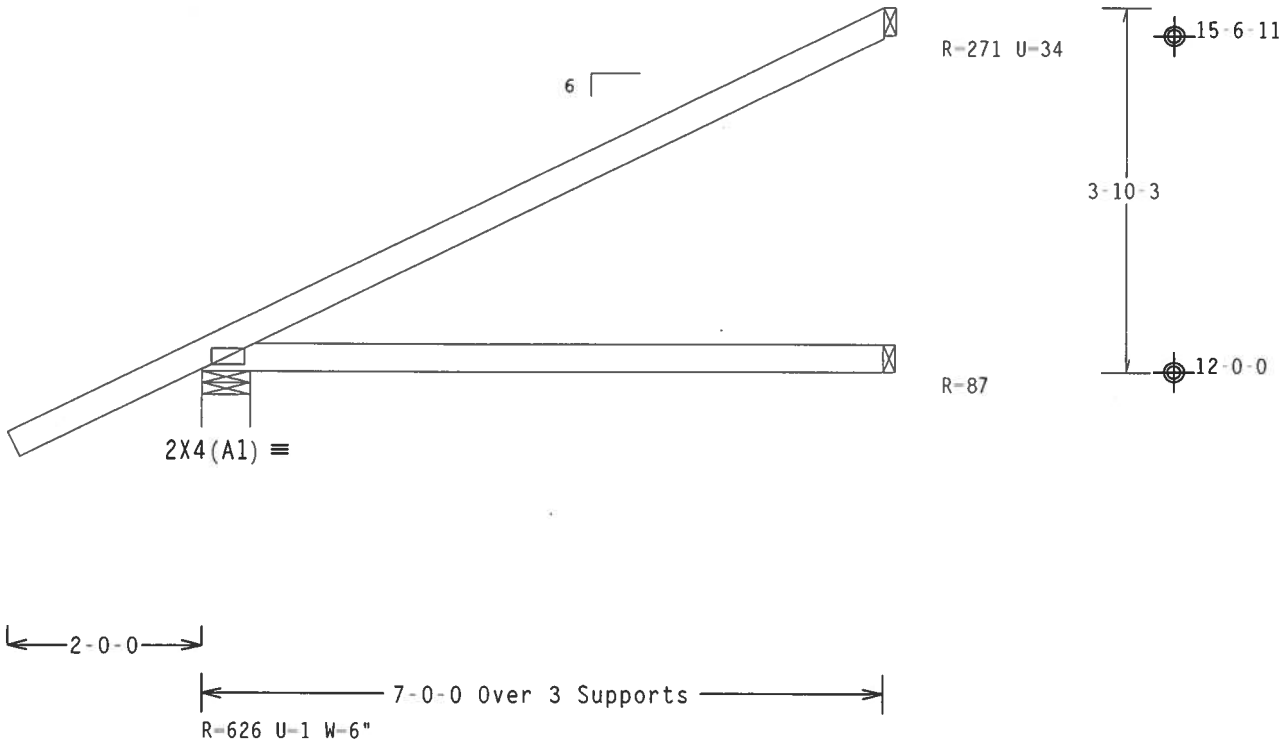
TC LL	30.0 PSF	REF R8228- 98577
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228039
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43870
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

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

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

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

ALPINE

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

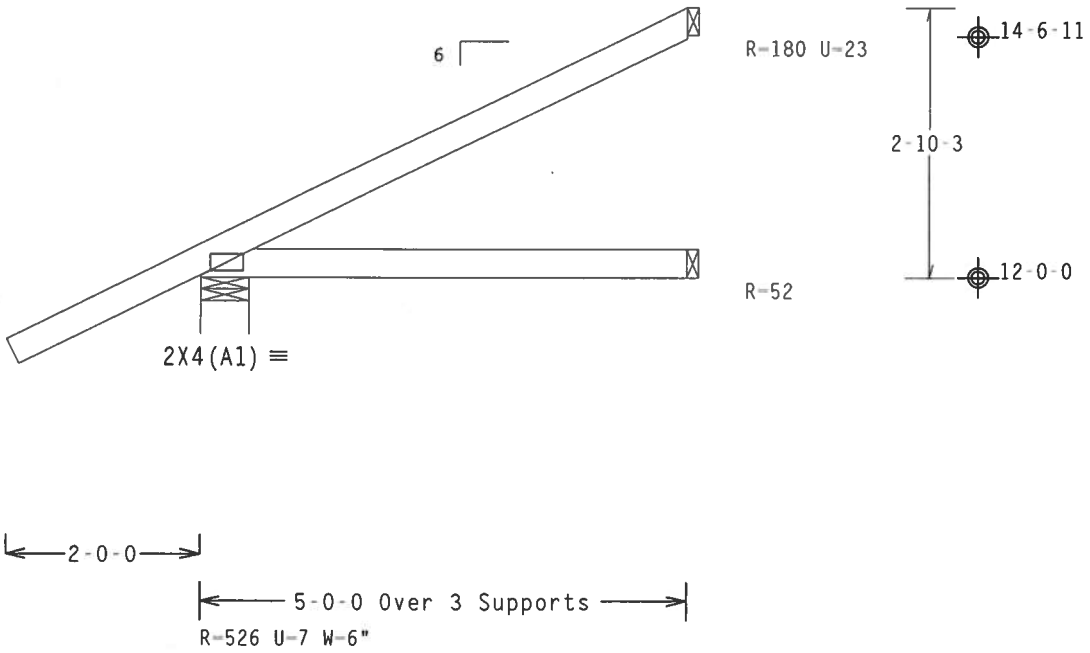
TC LL	30.0 PSF	REF	R8228- 98578
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228040
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43596
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

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

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

TC LL	30.0 PSF	REF	R8228- 98579
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228041
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43602
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

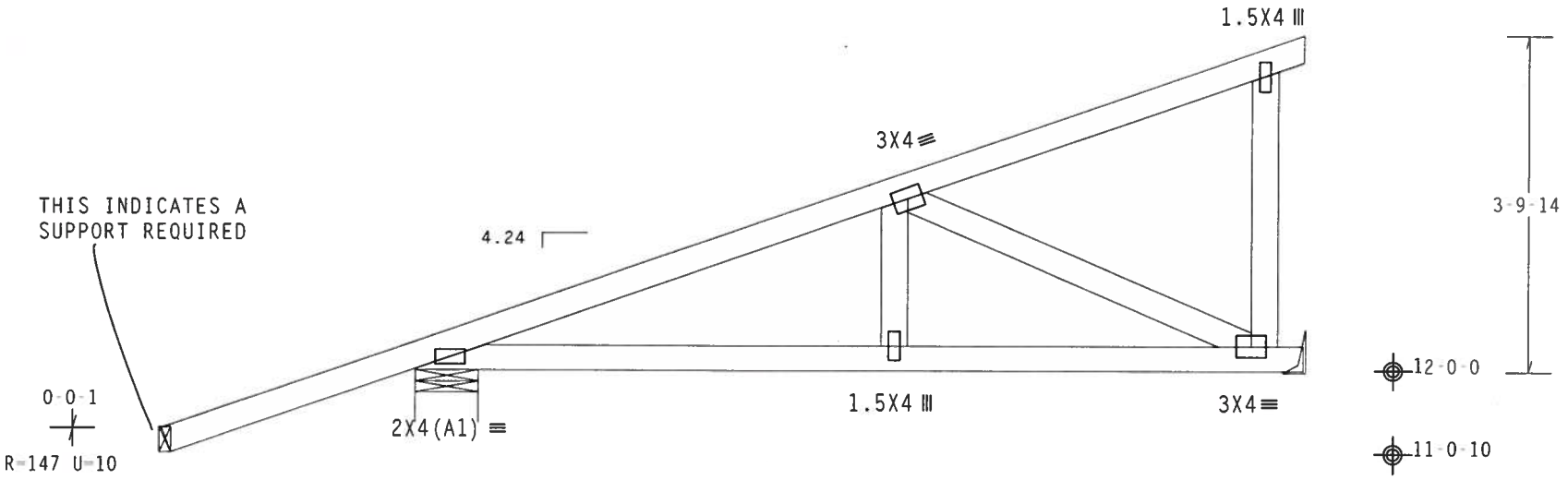
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

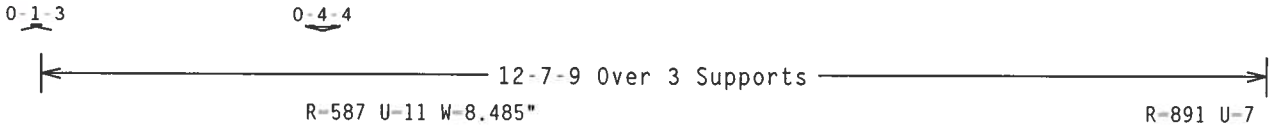
Hipjack supports 7-0-0 setback jacks with no webs.

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) | 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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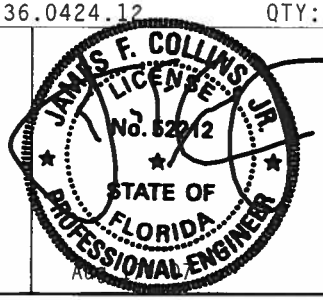


TC LL	30.0 PSF	REF	R8228- 98580
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228042
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43796
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

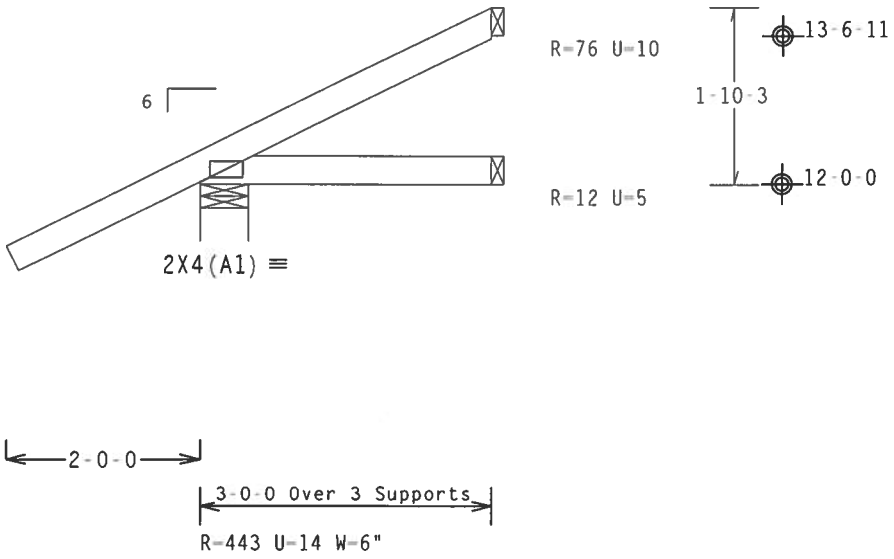
(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - J3)

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

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

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

Aug

TC LL	30.0 PSF	REF R8228- 98581
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228043
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43607
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

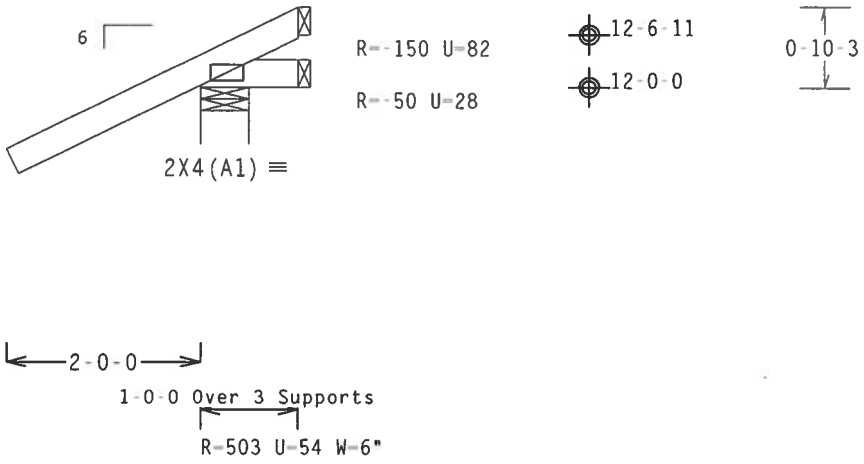
(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - J1)

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

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 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.

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JAMES F. COLLINS JR. LICENSE No. 22213 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98582
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228044
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43611
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

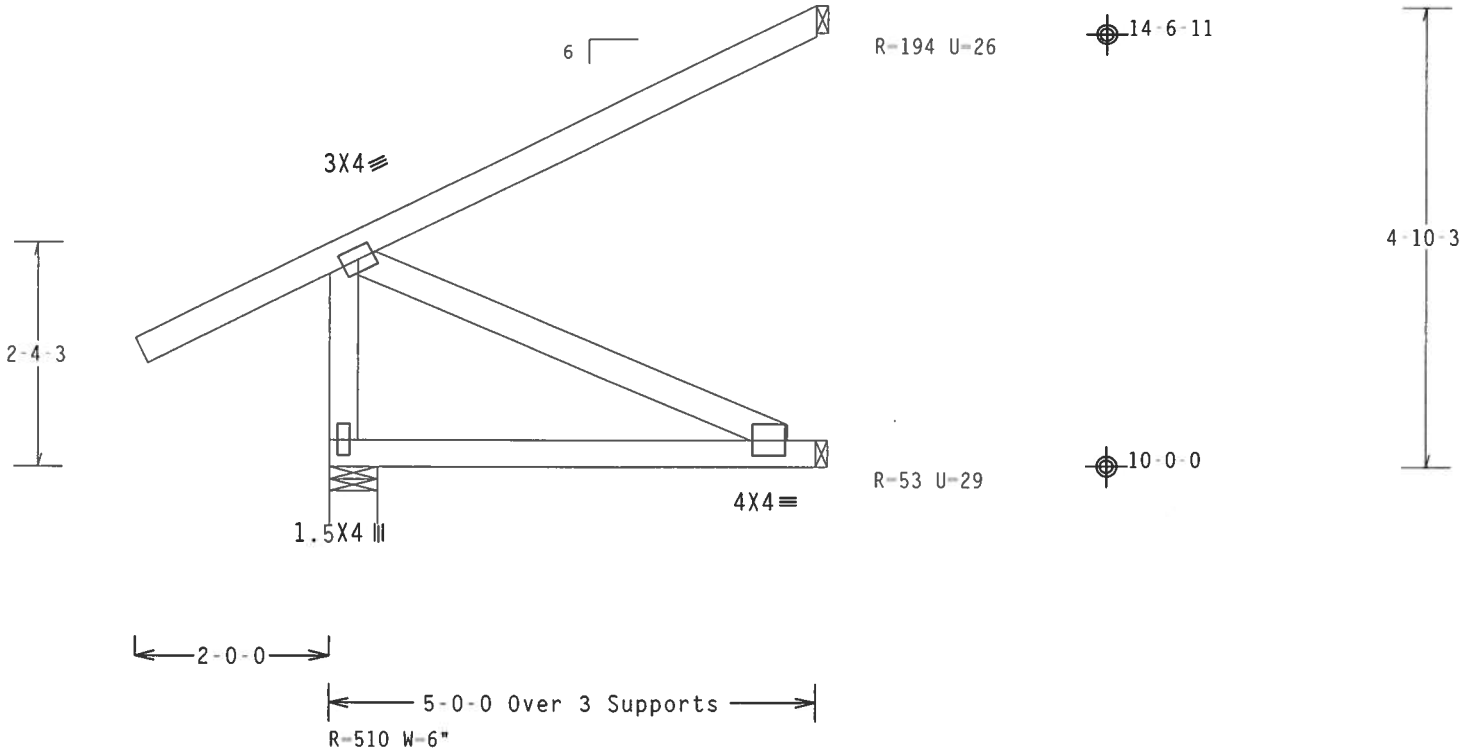
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 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) | 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/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

TC LL	30.0 PSF	REF R8228- 98583
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228045
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43645
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

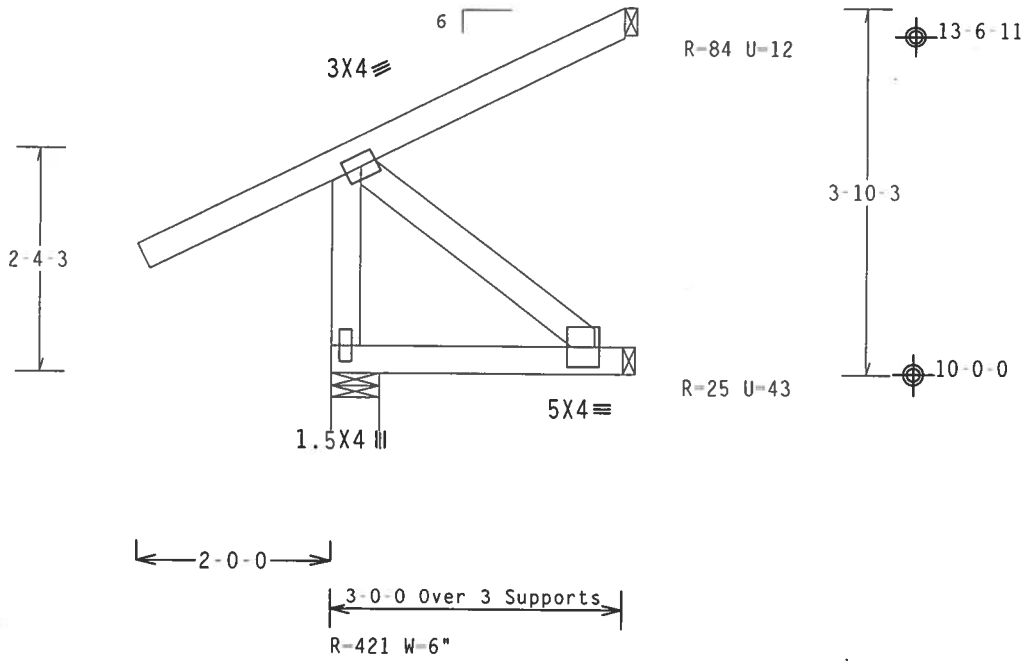
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 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) 7.36.0424.12

QTY:1 FL/-/4/-/-/R/-

Scale =.5"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF	R8228- 98584
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228046
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43649
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - HJ5)

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

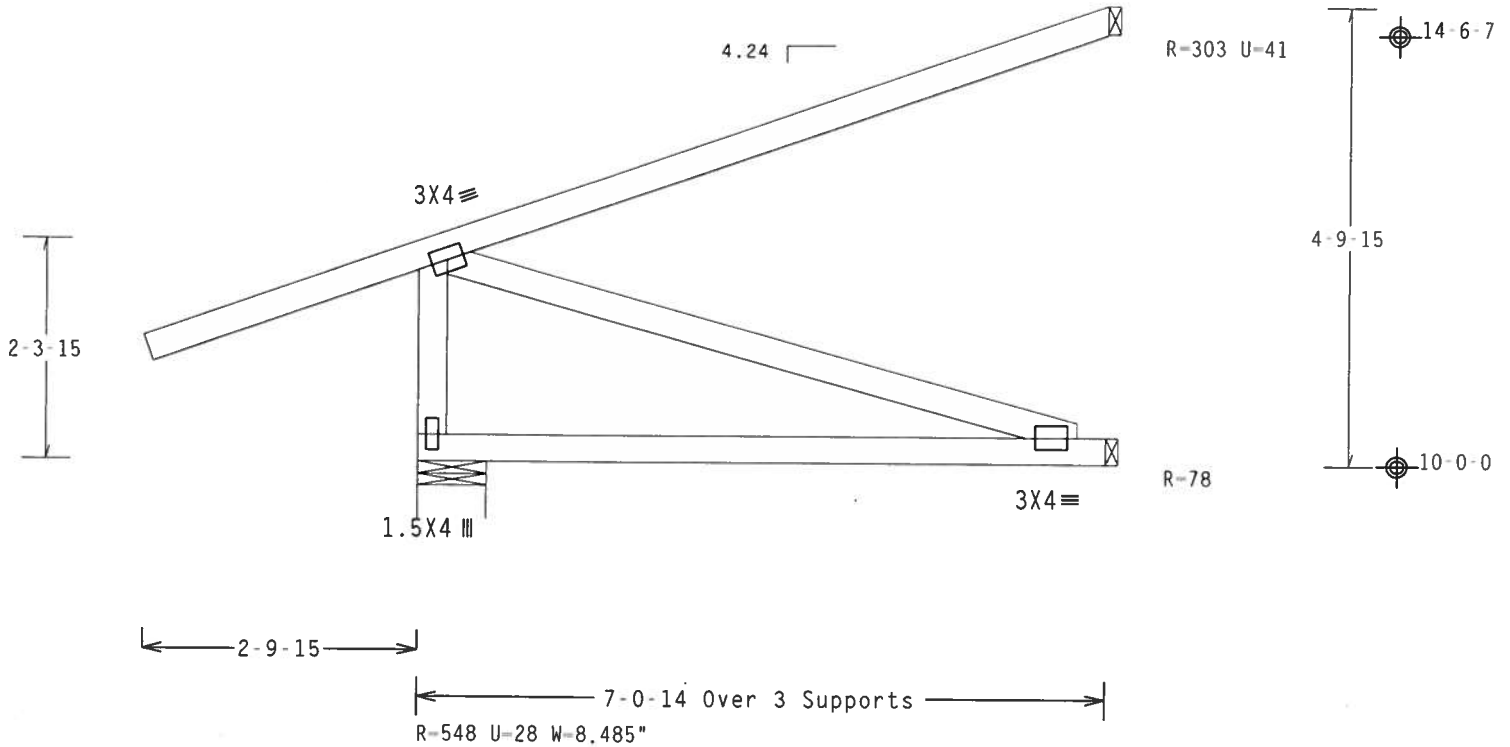
Left end vertical not exposed to wind pressure.

Hipjack supports 5-0-0 setback 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=7.5 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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

TC LL	30.0 PSF	REF R8228- 98585
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228047
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43669
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

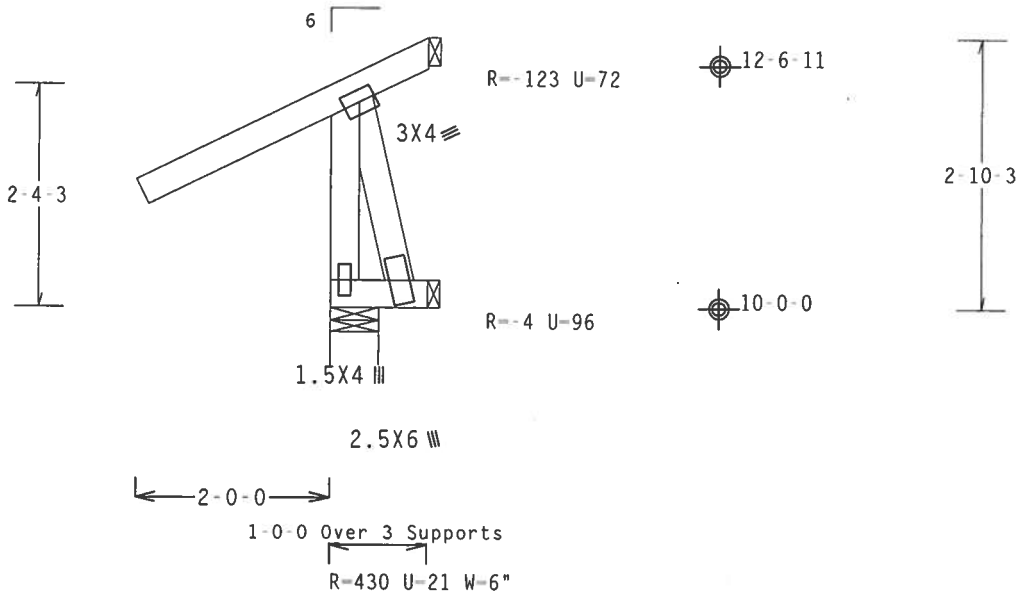
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

TC LL	30.0 PSF	REF	R8228- 98586
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228048
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43665
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - EJ7A)

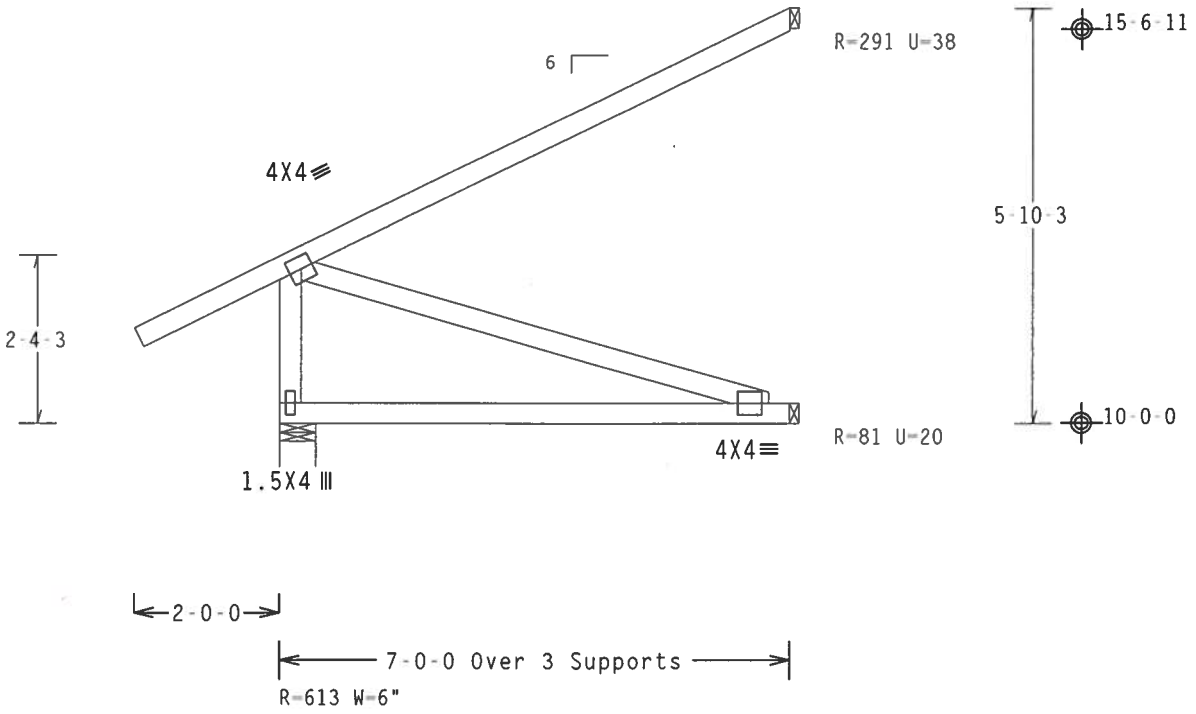
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 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) 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.375"/Ft.

ALPINE

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JAMES F. COLLINS LICENSE No. 50212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF	R8228- 98587
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228049
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43673
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

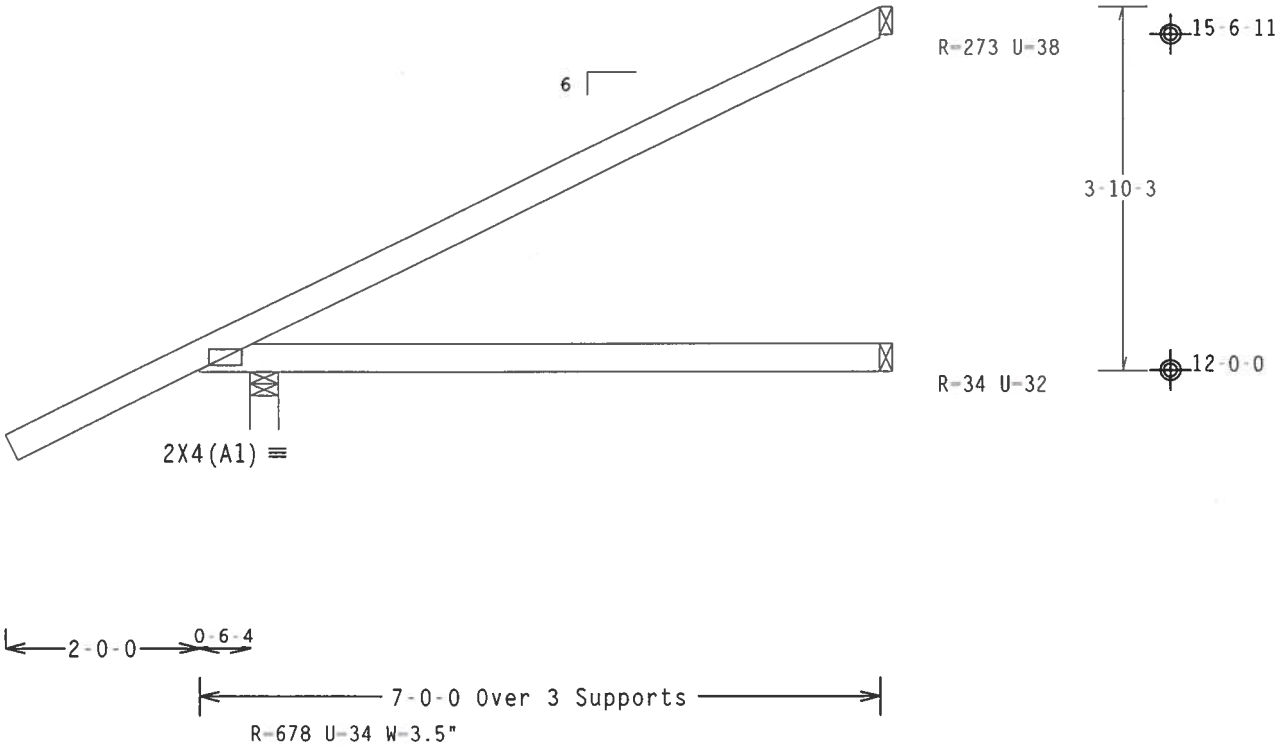
(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - EJ7B)

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

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, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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JAMES F. COLLINS LICENSE No. 52242 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98588
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228050
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43677
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

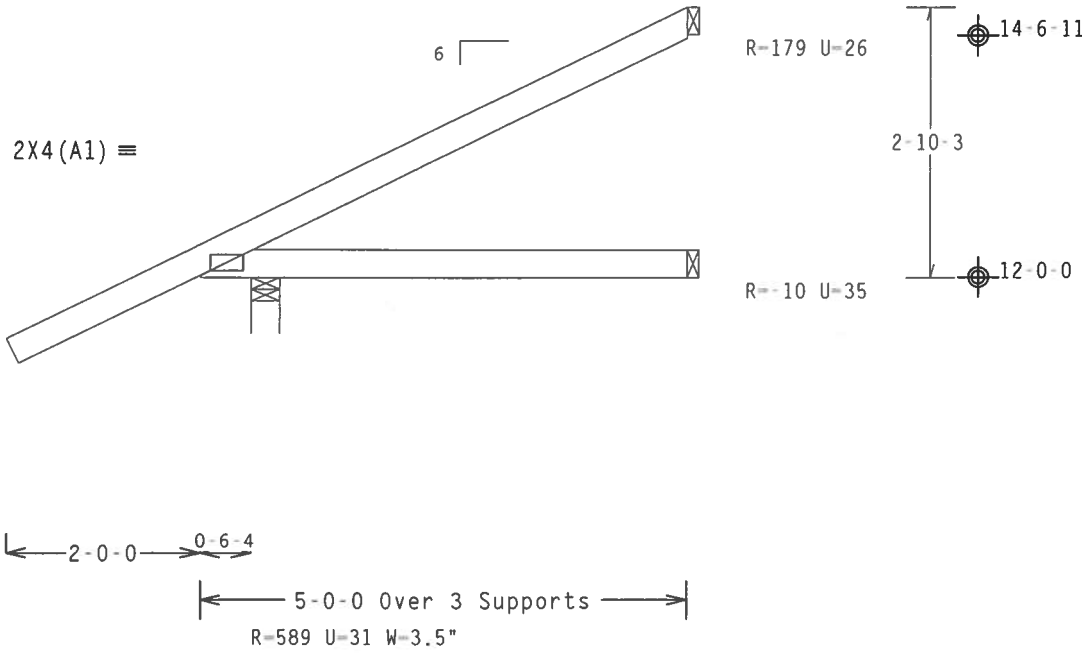
(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - J5A)

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

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, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
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DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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 LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98589
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228051
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43681
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - HJ7A)

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

The following trusses need concentrated loads at the end of their overhangs: 5-0-0 span/setback member on the 0-6-4 cant side requires 140 lbs and the 5-0-0 span/setback member on the 0-6-4 cant side requires 140 lbs.

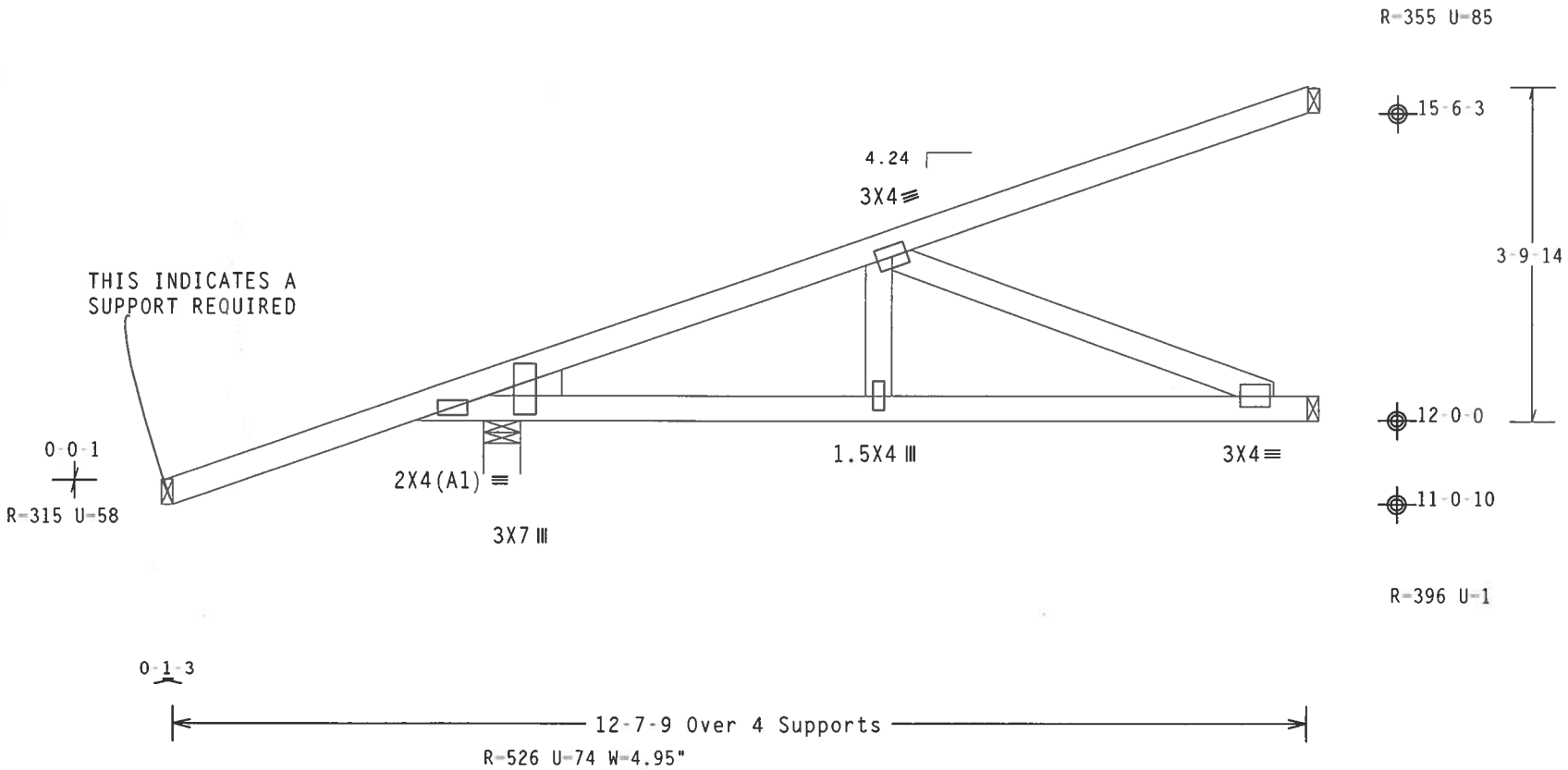
Hipjack supports 7-0-0 setback jacks with 0-6-4 cantilever one face; 0-6-4 cantilever opposite face.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Sub-fascia beam assumptions: 7-0-0 sub-fascia beam on the 0-6-4 cantilever side. 7-0-0 sub-fascia beam on the 0-6-4 cantilever side.

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) | 7.36.0424.12 | 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.

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

TC LL	30.0 PSF	REF R8228- 98590
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228052
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43700
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - HJ6)

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

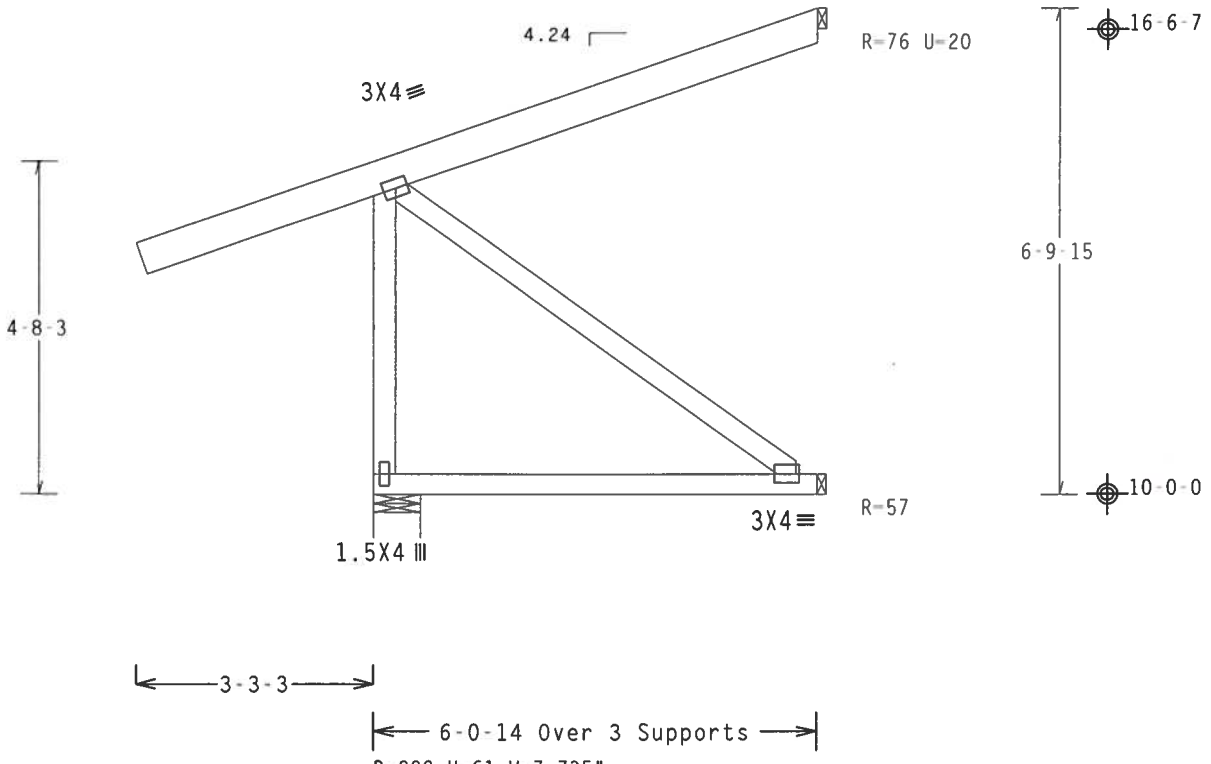
Left end vertical not exposed to wind pressure.

Hipjack supports 4-3-8 setback jacks with no webs.

110 mph wind, 15.18 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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

TC LL	30.0 PSF	REF R8228- 98591
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228053
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43788
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

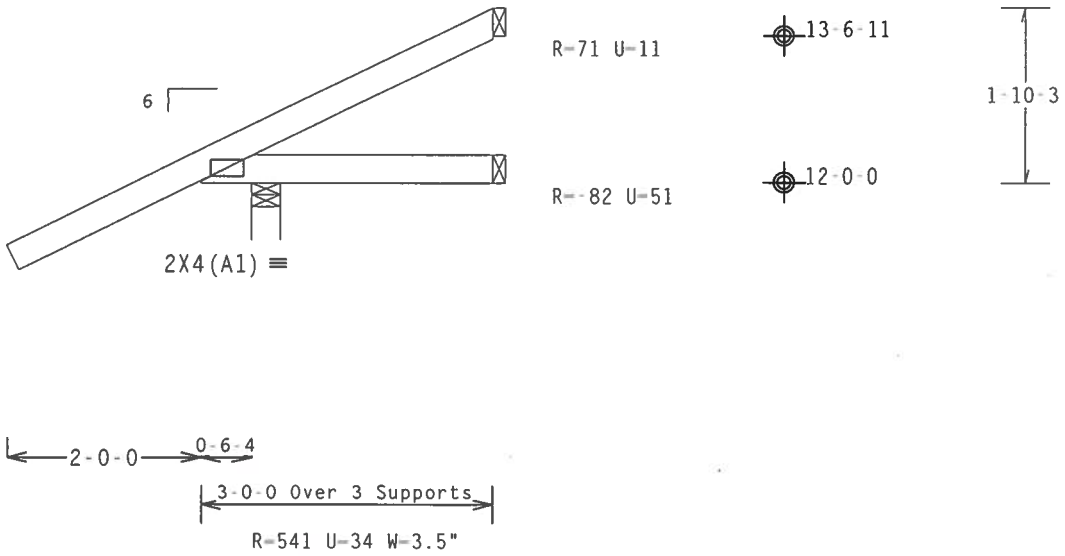
(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - J3A)

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

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, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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

TC LL	30.0 PSF	REF R8228- 98592
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228054
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43687
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

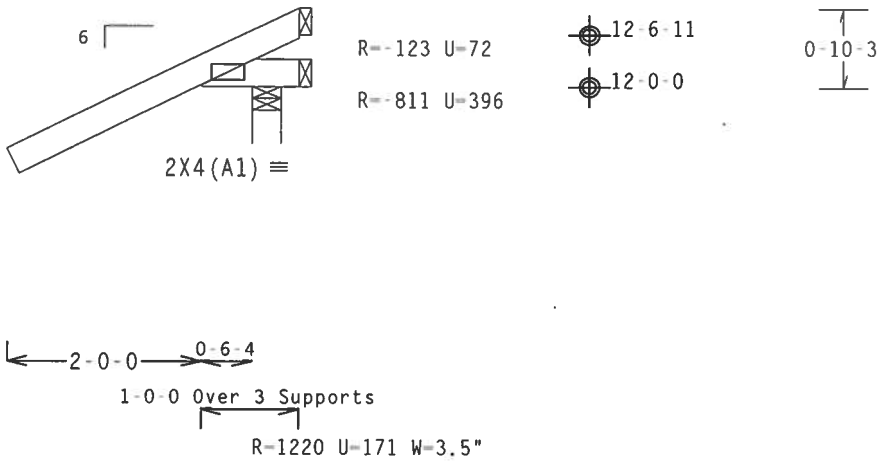
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Negative reaction(s) of -810# MAX. (See below) from a non-wind load case requires uplift connection.

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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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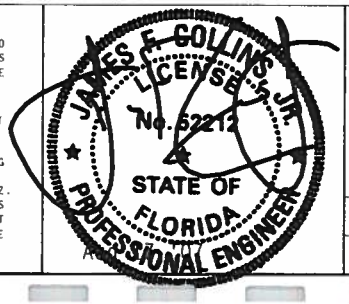


TC LL	30.0 PSF	REF	R8228- 98593
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228055
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43691
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

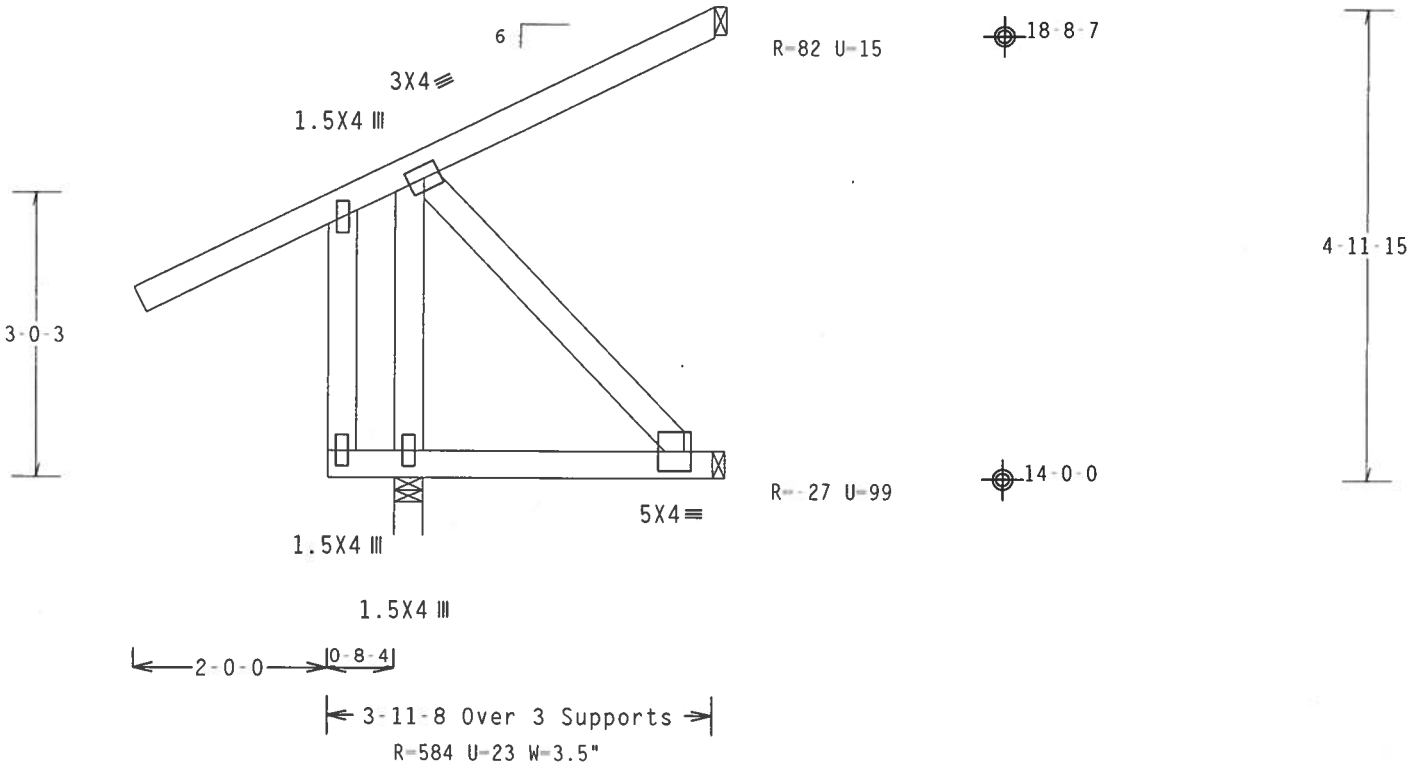
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

110 mph wind, 17.51 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF	R8228- 98594
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228056
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43721
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

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

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

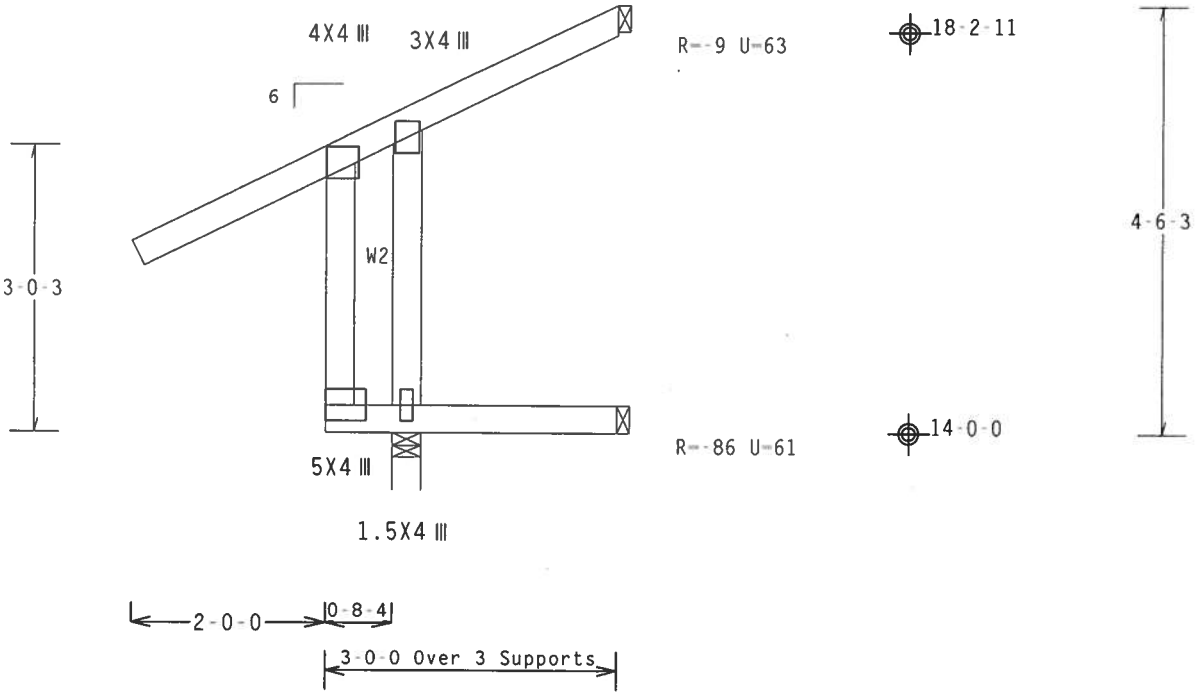
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 17.27 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.27" due to live load and 0.13" due to dead load.

Fasten rated sheathing to one face of this frame.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.12

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. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Adg

TC LL	30.0 PSF	REF	R8228- 98595
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228057
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43726
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

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

Left end vertical not exposed to wind pressure.

The following trusses need concentrated loads at the end of their overhangs: 2-0-0 span/setback member on the 0-0-0 cant side requires 31 lbs and the 3-11-8 span/setback member on the 0-8-4 cant side requires 109 lbs.

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

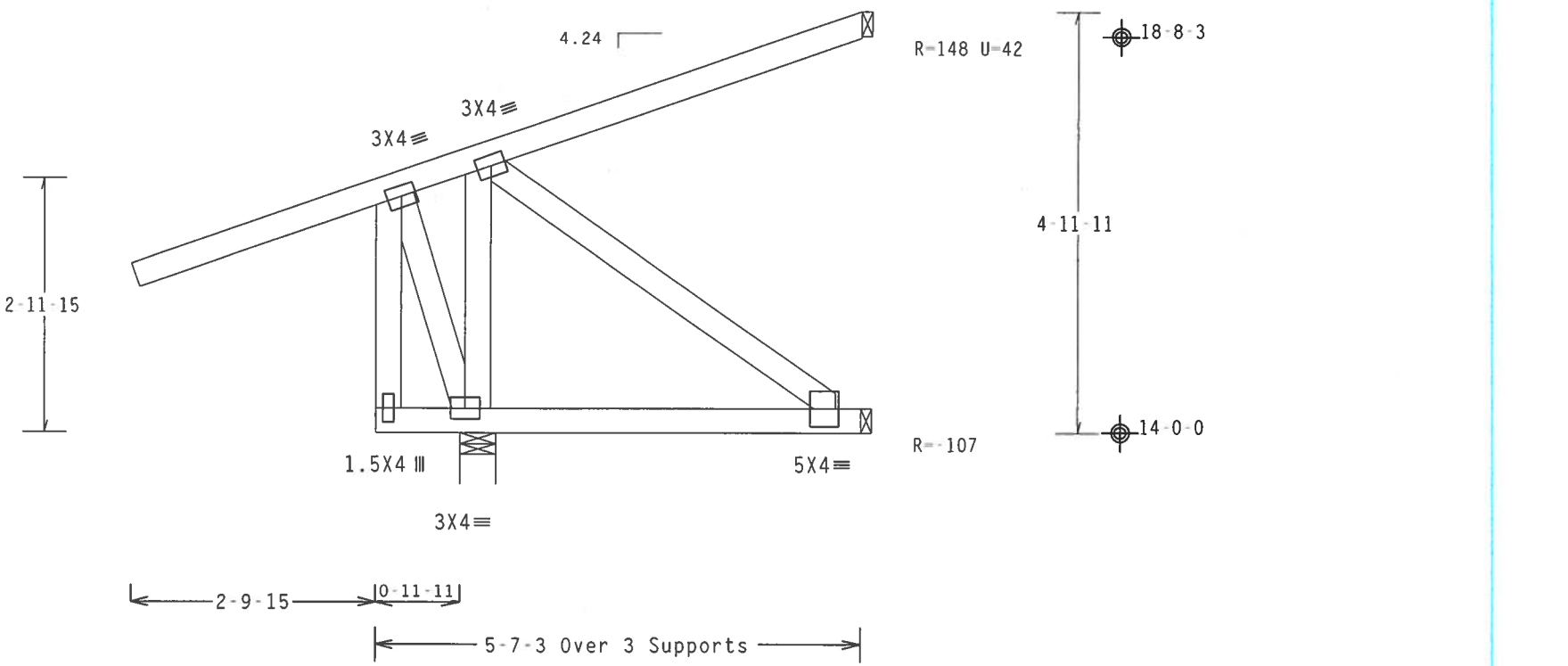
Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

110 mph wind, 17.48 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

Sub-fascia beam assumptions: 4-0-0 sub-fascia beam on the 0-0-0 cantilever side. 5-11-8 sub-fascia beam on the 0-8-4 cantilever side.

Hipjack supports 3-11-8 setback jacks with 0-0-0 cantilever one face; 0-8-4 cantilever opposite face.



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 =.5"/Ft.

ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 567

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

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

TC LL	30.0 PSF	REF	R8228- 98596
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228058
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43748
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

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.

Fasten rated sheathing to one face of this frame.

Shim all supports to solid bearing.

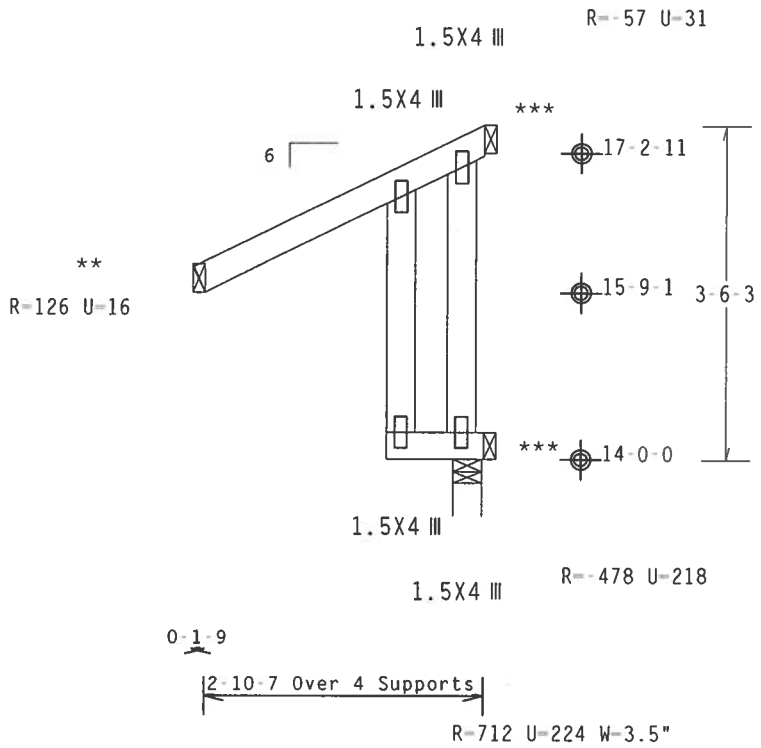
** FASCIA BEAM DESIGNED AND FURNISHED BY OTHERS. PROVIDE CONNECTION FOR REACTIONS SHOWN.

Negative reaction(s) of -477# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 16.77 ft mean hgt, ASCE 7-02, PART._ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.

***Provide (3) 16d common (0.162"x3.5") nails toe-nailed at top chord.
Provide (3) 16d common (0.162"x3.5") nails toe-nailed at bottom chord.
NOTE: THIS TOENAIL CONNECTION IS BASED ON AN AVERAGE OF TOP AND BOTTOM CHORD REACTIONS.



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 =.5"/Ft.

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

TC LL	30.0 PSF	REF R8228- 98597
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228059
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43733
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

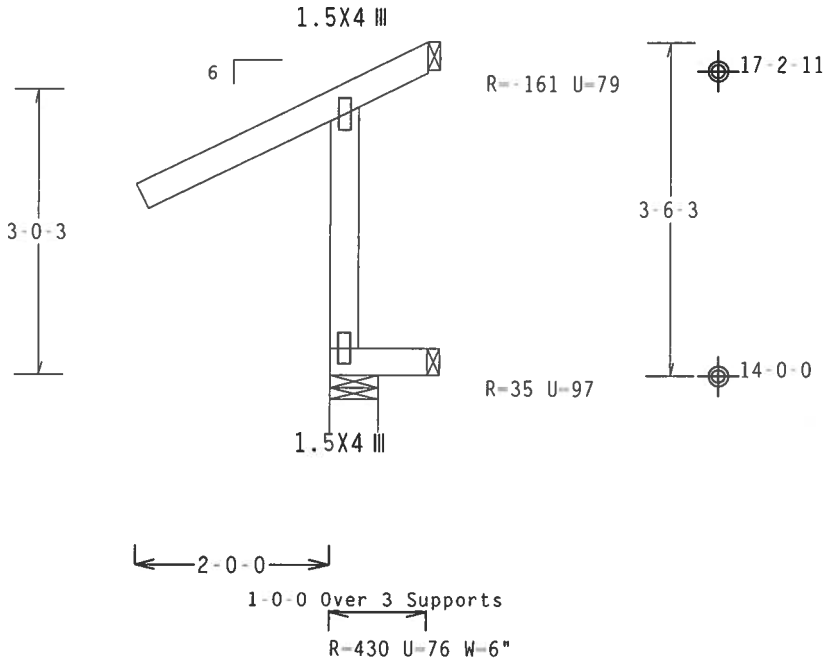
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #2 Dense

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

110 mph wind, 16.77 ft mean hgt, ASCE 7-02, PART. ENC. bldg. Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52213 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug

TC LL	30.0 PSF	REF R8228- 98598
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228060
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43738
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

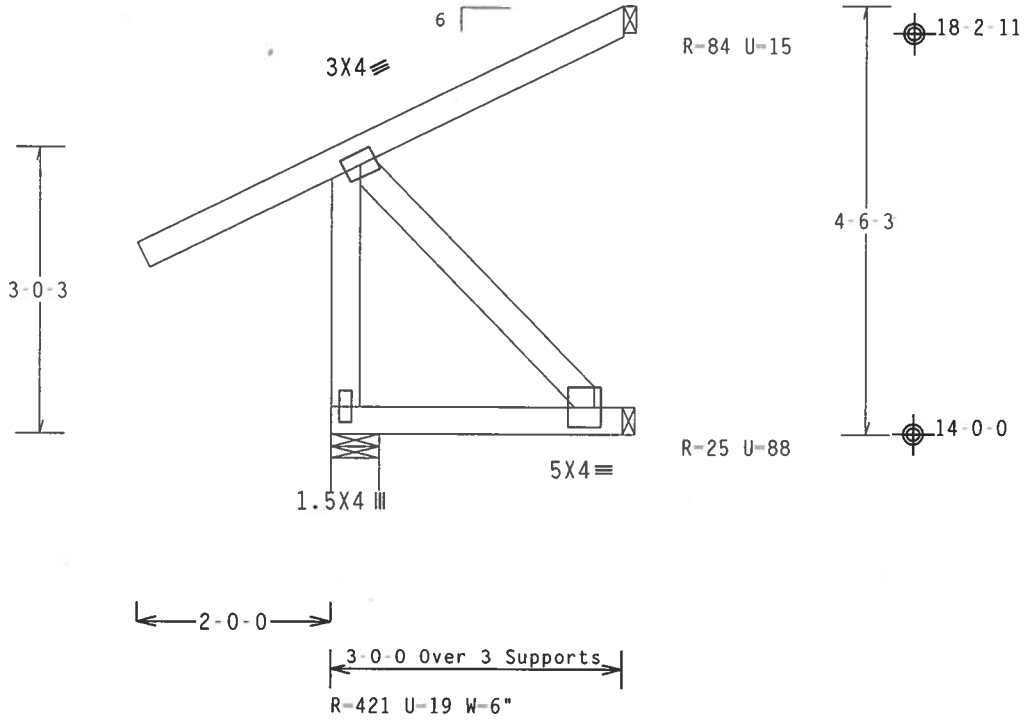
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

110 mph wind, 17.27 ft mean hgt, ASCE 7-02, PART. ENC. bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

Adg

TC LL	30.0 PSF	REF R8228- 98599
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228061
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43743
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

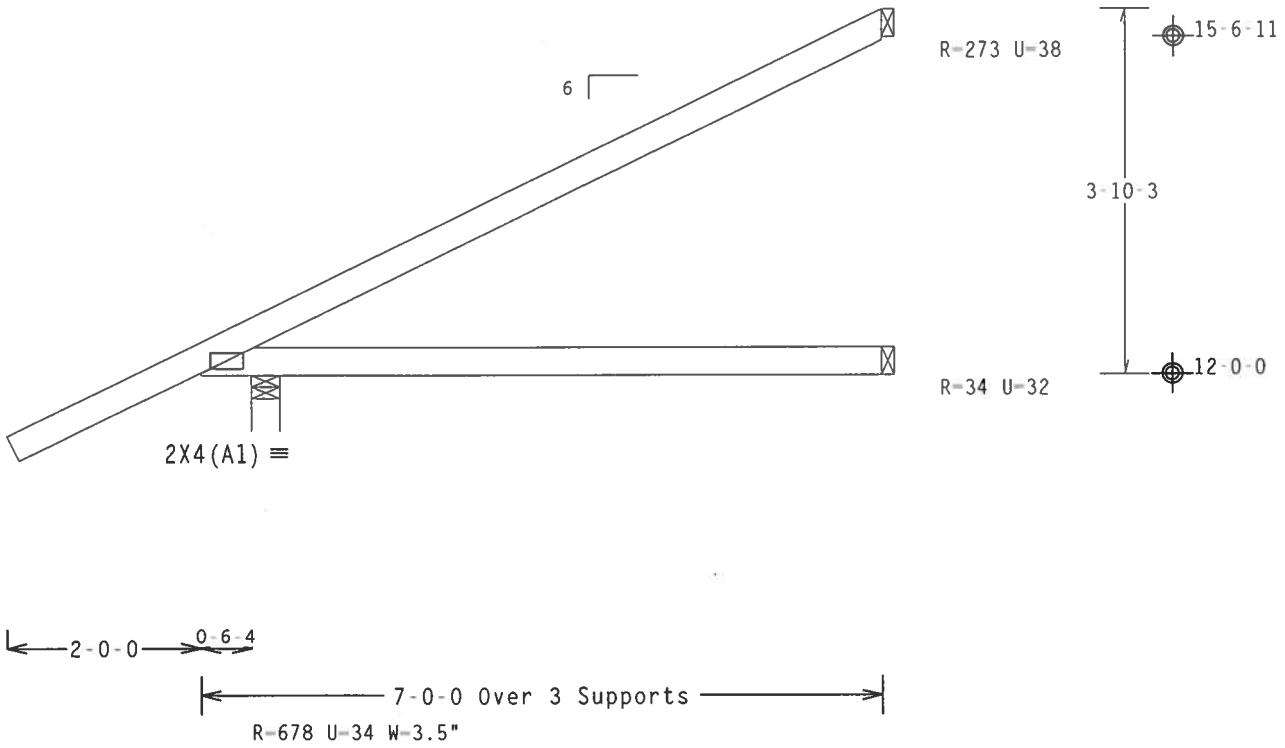
(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - J7)

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

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, PART. ENC. bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.55

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave | Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 | QTY:1 | FL/-/4/-/-/R/- | Scale =.5"/Ft.

ALPINE

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

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

TC LL	30.0 PSF	REF R8228- 98600
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228062
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43759
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - J1E)

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

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

Calculated horizontal deflection is 0.18" due to live load and 0.08" due to dead load.

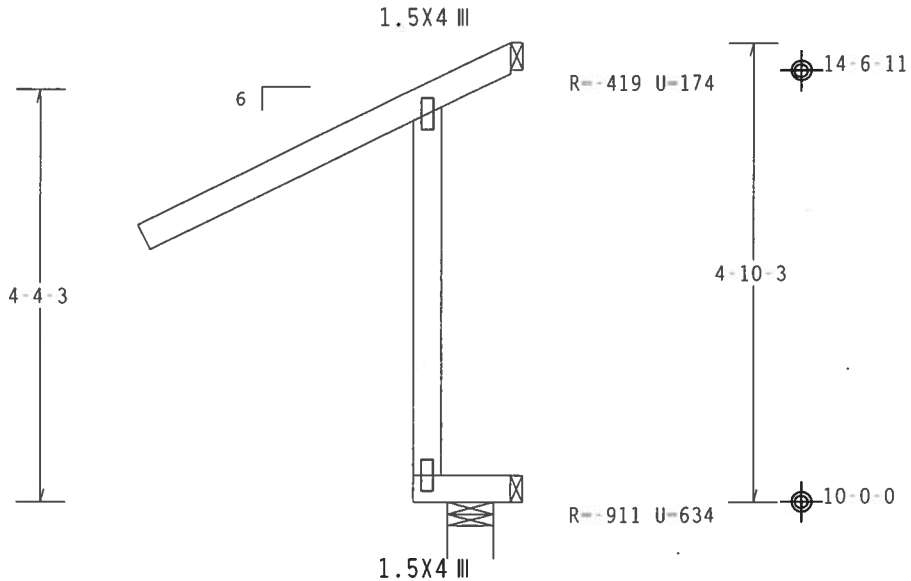
Top chord overhangs have been checked only for loads as indicates. Overhangs not checked for man loads or long-term deflection.

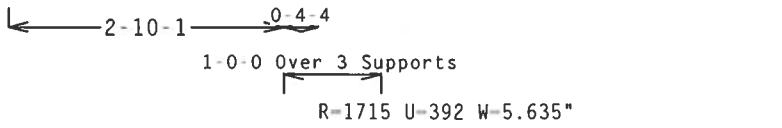
Negative reaction(s) of -911# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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Haines City, FL 33844
FL Certificate of Authorization # 567

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

Aug

TC LL	30.0 PSF	REF	R8228- 98601
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228063
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43764
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - J5C)

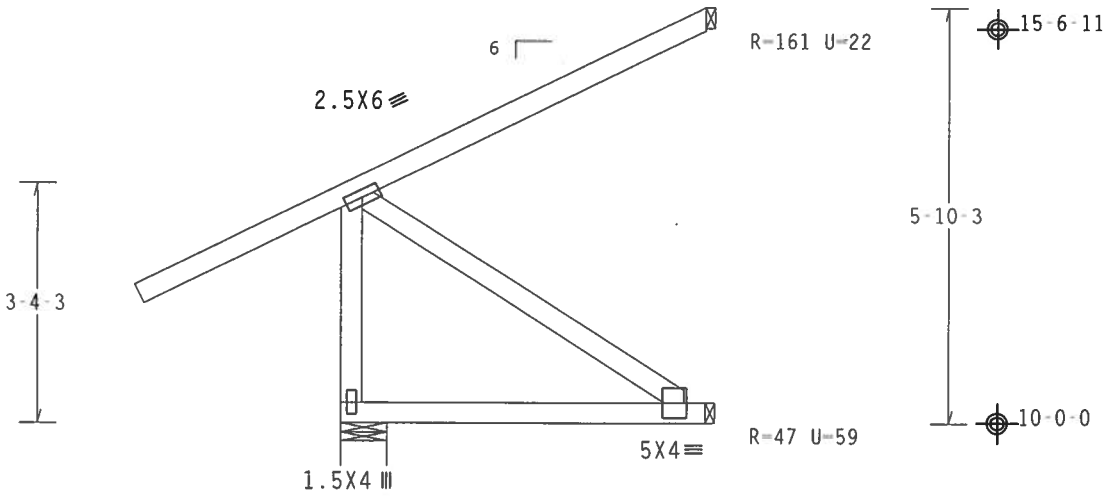
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

TC LL	30.0 PSF	REF R8228- 98602
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228064
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43768
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - EJ9C)

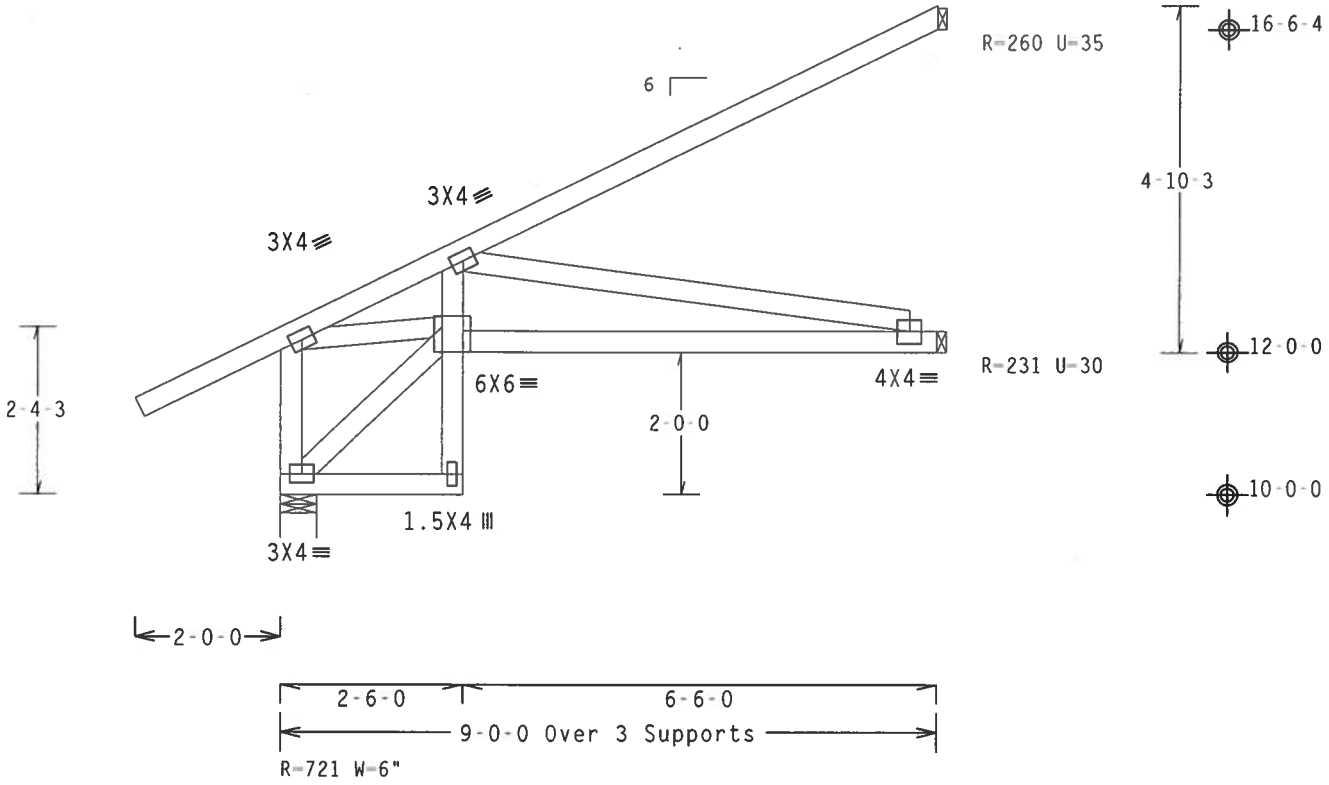
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 32112 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF R8228- 98603
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228065
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43775
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

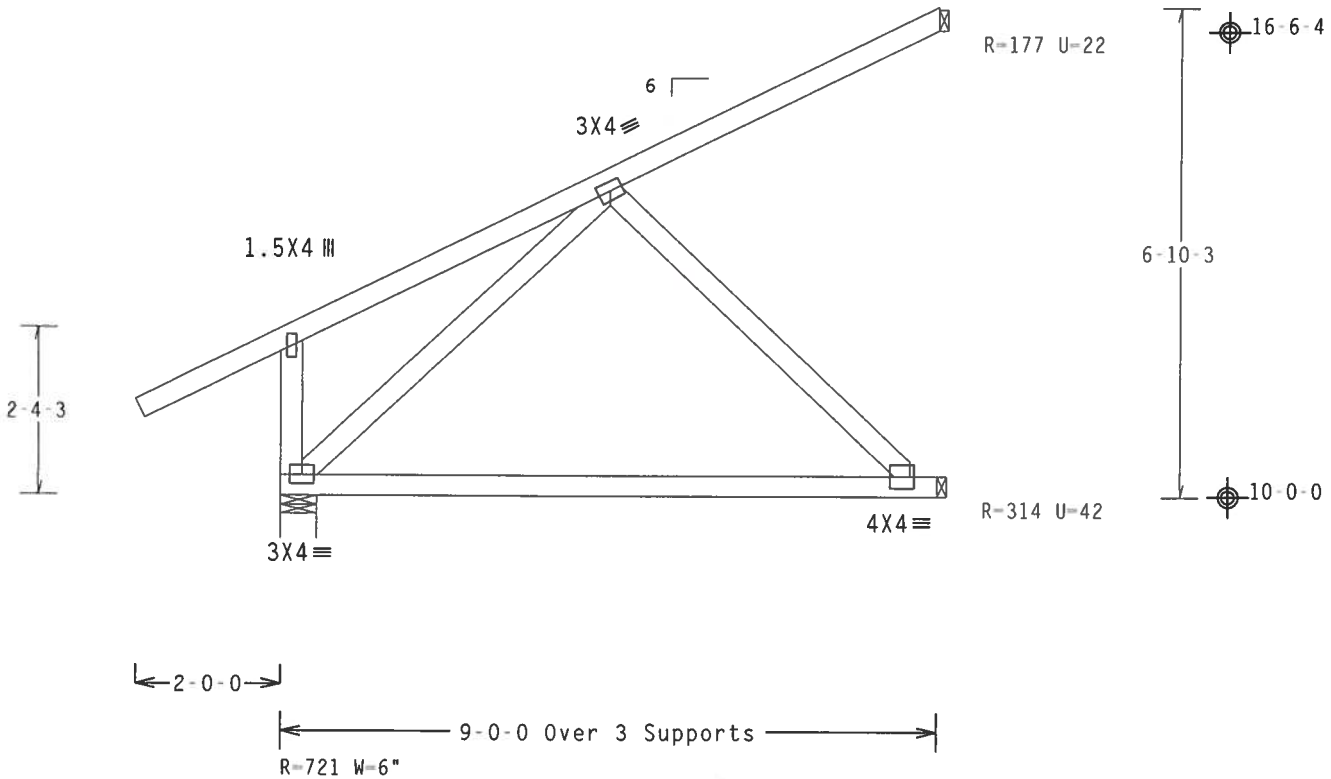
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 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) 7.36.0424.12

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

ALPINE

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

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

TC LL	30.0 PSF	REF R8228- 98604
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228066
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43803
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

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

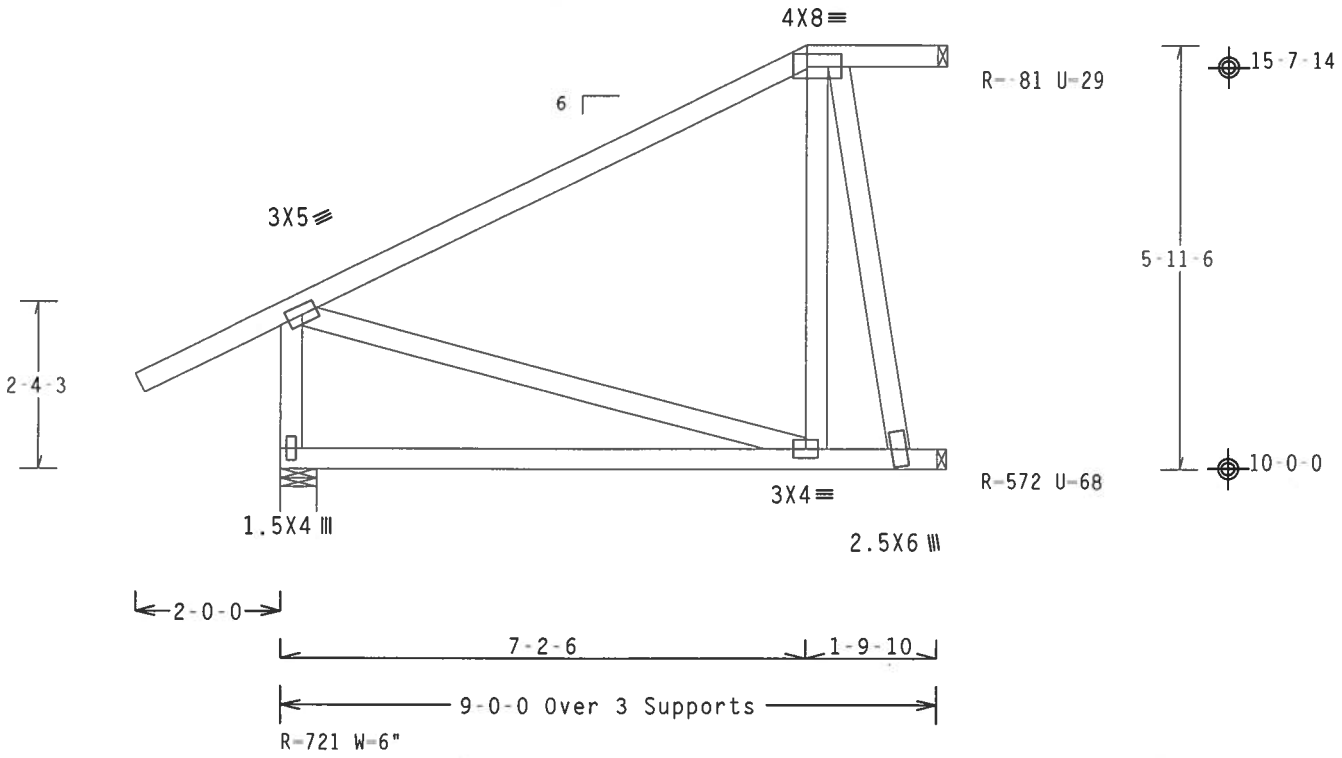
Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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

Aug

TC LL	30.0 PSF	REF R8228- 98605
TC DL	15.0 PSF	DATE 08/16/07
BC DL	10.0 PSF	DRW HCUSR8228 07228067
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	55.0 PSF	SEQN- 43816
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - EJ9B)

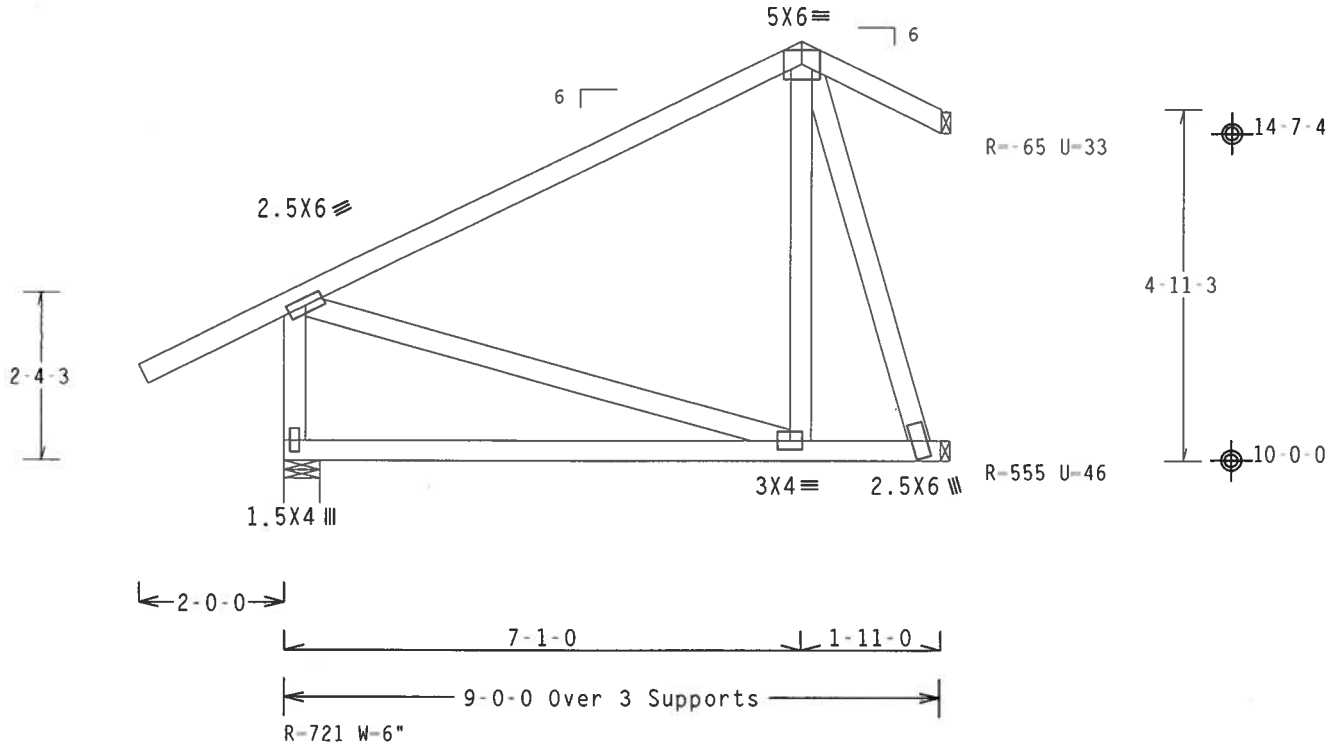
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Left end vertical exposed to wind pressure. Deflection meets L/240 criteria for brittle and flexible wall coverings.

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=7.5 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) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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

Aug

TC LL	30.0 PSF	REF	R8228- 98606
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228068
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	43826
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

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

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

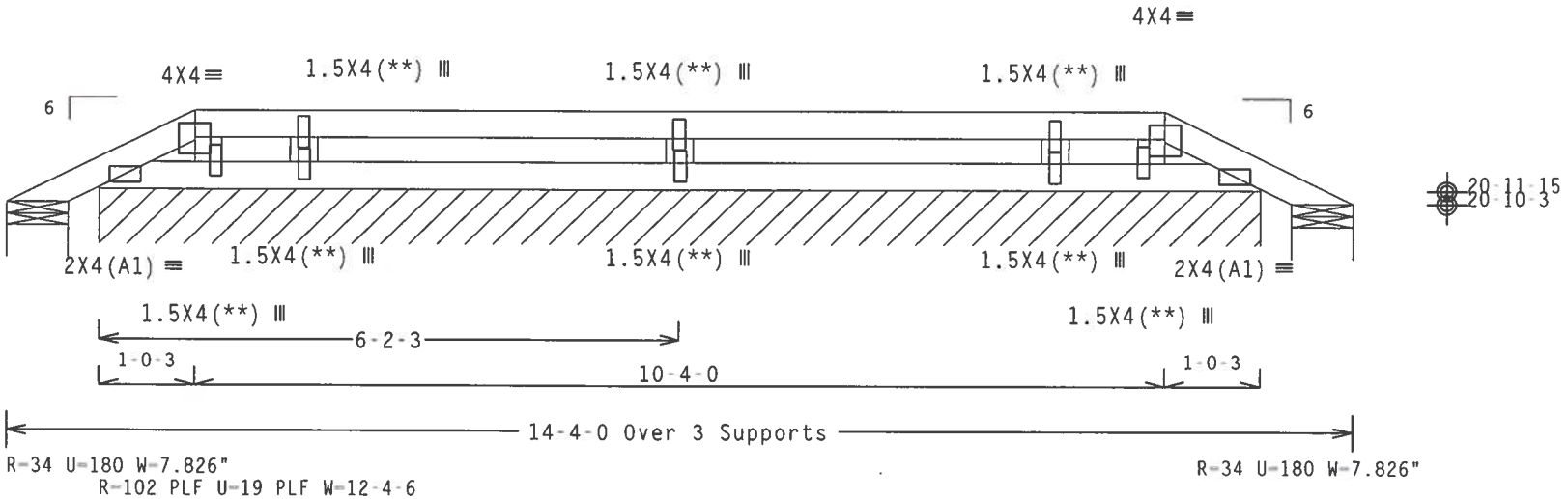
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

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

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

SPECIAL LOADS
(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at 0.00 to 94 PLF at 12.33
TC - From 94 PLF at 12.33 to 94 PLF at 14.33
BC - From 4 PLF at 0.00 to 4 PLF at 14.33

110 mph wind, 21.35 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=1.2 psf.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.25.0411.16 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 LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Aug

TC LL	30.0 PSF	REF	R8228- 98607
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228069
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	115493 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - BP2)

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

110 mph wind, 21.85 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

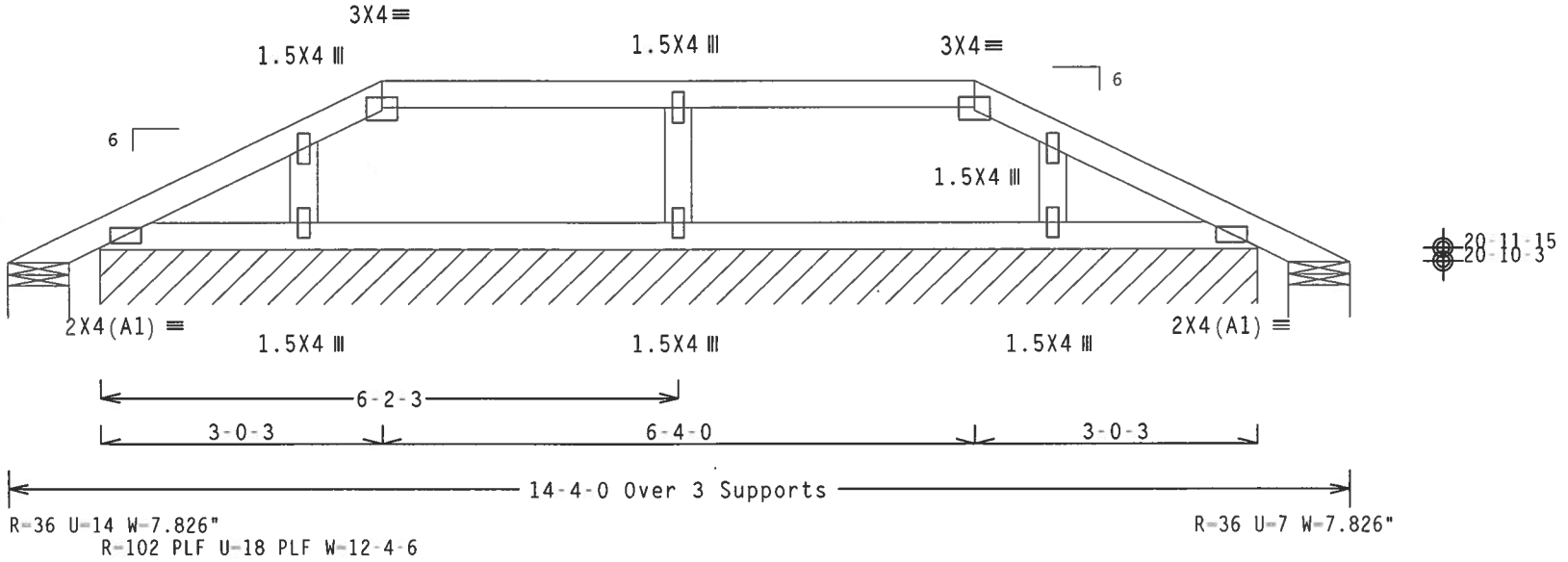
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

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

TC - From	94 PLF at	0.00 to	94 PLF at	4.00
TC - From	94 PLF at	4.00 to	94 PLF at	10.33
TC - From	94 PLF at	10.33 to	94 PLF at	14.33
BC - From	4 PLF at	0.00 to	4 PLF at	14.33

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



20-11-15
20-10-3

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 =.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
Aug

TC LL	30.0 PSF	REF	R8228- 98608
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228070
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44241
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - BP3)

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

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

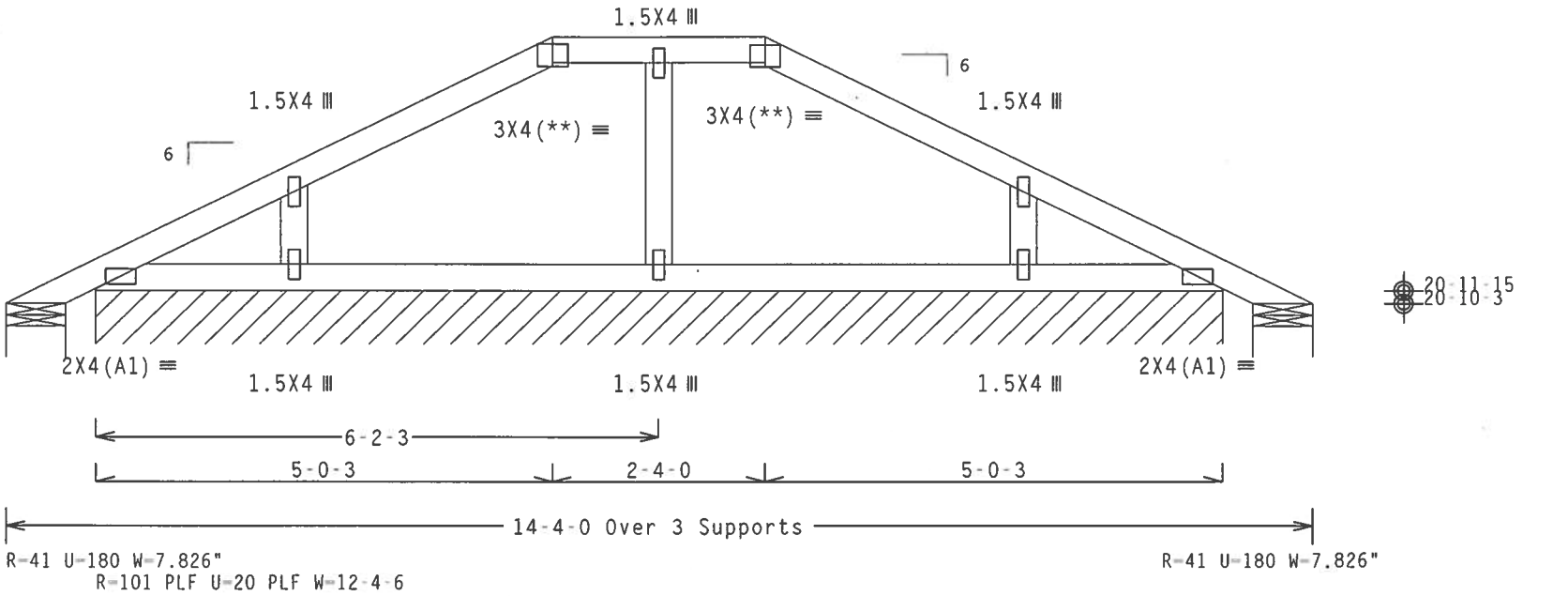
In lieu of structural panels or rigid ceiling use purlins to brace all flat TC @ 24" OC, all BC @ 24" OC.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at 0.00 to 94 PLF at 14.33
BC - From 4 PLF at 0.00 to 4 PLF at 14.33

110 mph wind, 22.35 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=1.2 psf.

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



20-11-15
20-10-3

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.25.0411.16 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

TC LL	30.0 PSF	REF	R8228- 98609
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228071
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	115501 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - BP4)

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

110 mph wind, 22.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

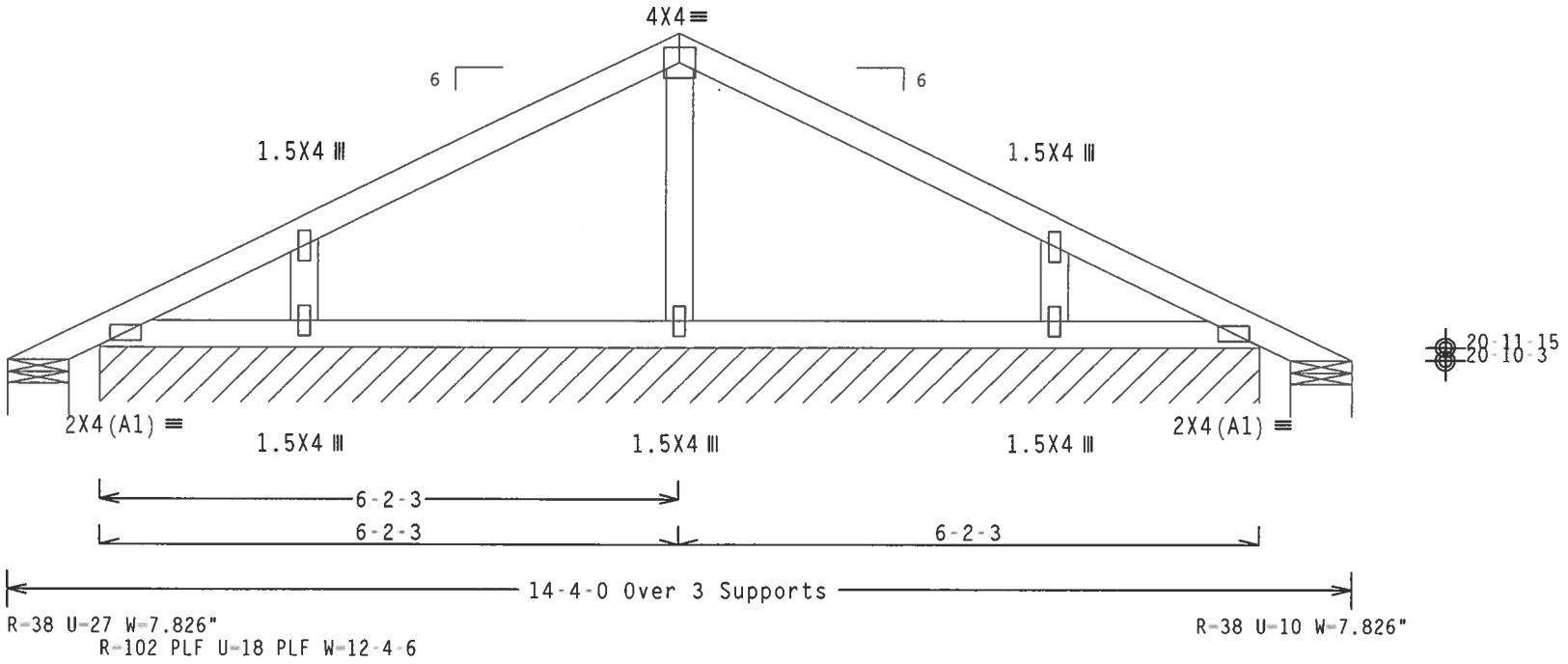
Wind reactions based on MWFRS pressures.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 94 PLF at 0.00 to 94 PLF at 7.17
TC - From 94 PLF at 7.17 to 94 PLF at 14.33
BC - From 4 PLF at 0.00 to 4 PLF at 14.33

In lieu of rigid ceiling use purlins to brace BC @ 24" OC.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 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.

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JAMES F. COLLINS JR LICENSE No. 38212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF	R8228- 98610
TC DL	15.0 PSF	DATE	08/16/07
BC DL	10.0 PSF	DRW	HCUSR8228 07228072
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44468
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - HP4)

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

110 mph wind, 22.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

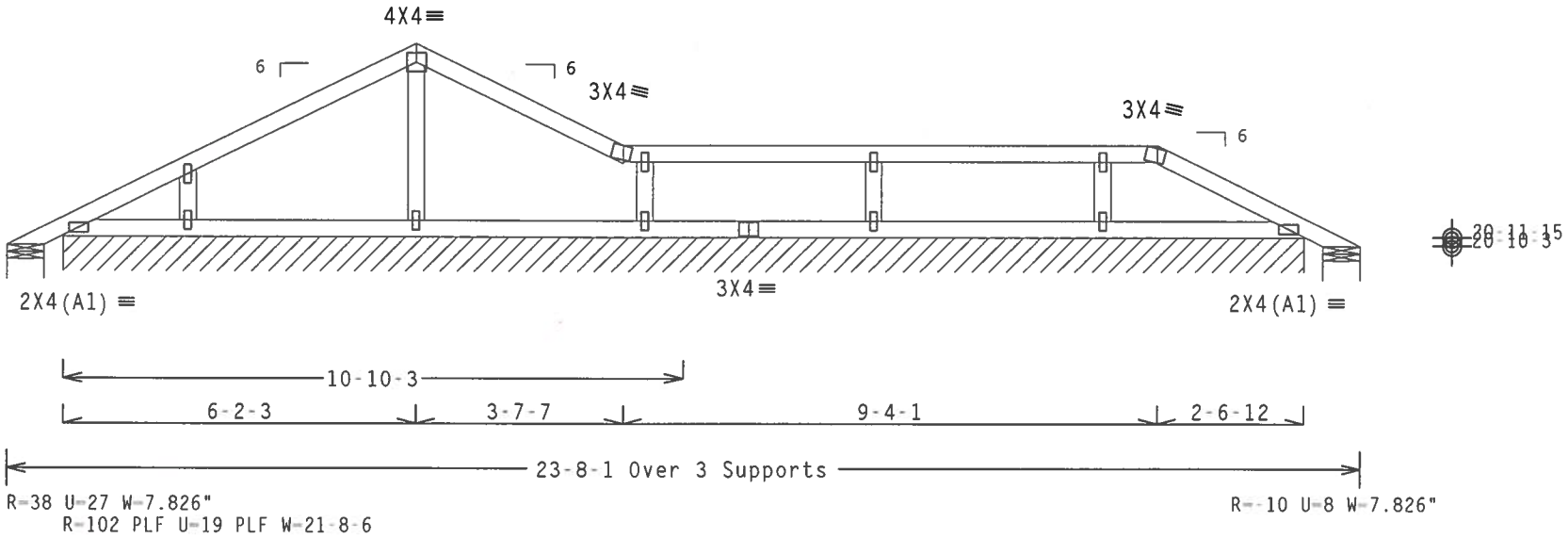
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

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

TC - From	94 PLF	at	0.00	to	94 PLF	at 7.17
TC - From	94 PLF	at	7.17	to	94 PLF	at 10.79
TC - From	94 PLF	at	10.79	to	94 PLF	at 20.13
TC - From	94 PLF	at	20.13	to	94 PLF	at 23.67
BC - From	4 PLF	at	0.00	to	4 PLF	at 23.67

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 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 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF
TC DL	15.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	55.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF R8228- 98611
DATE 08/17/07
DRW HCUSR8228 07229001
HC-ENG JB/AP
SEQN- 44475
FROM AH
JREF- 1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - HP3)

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

110 mph wind, 22.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

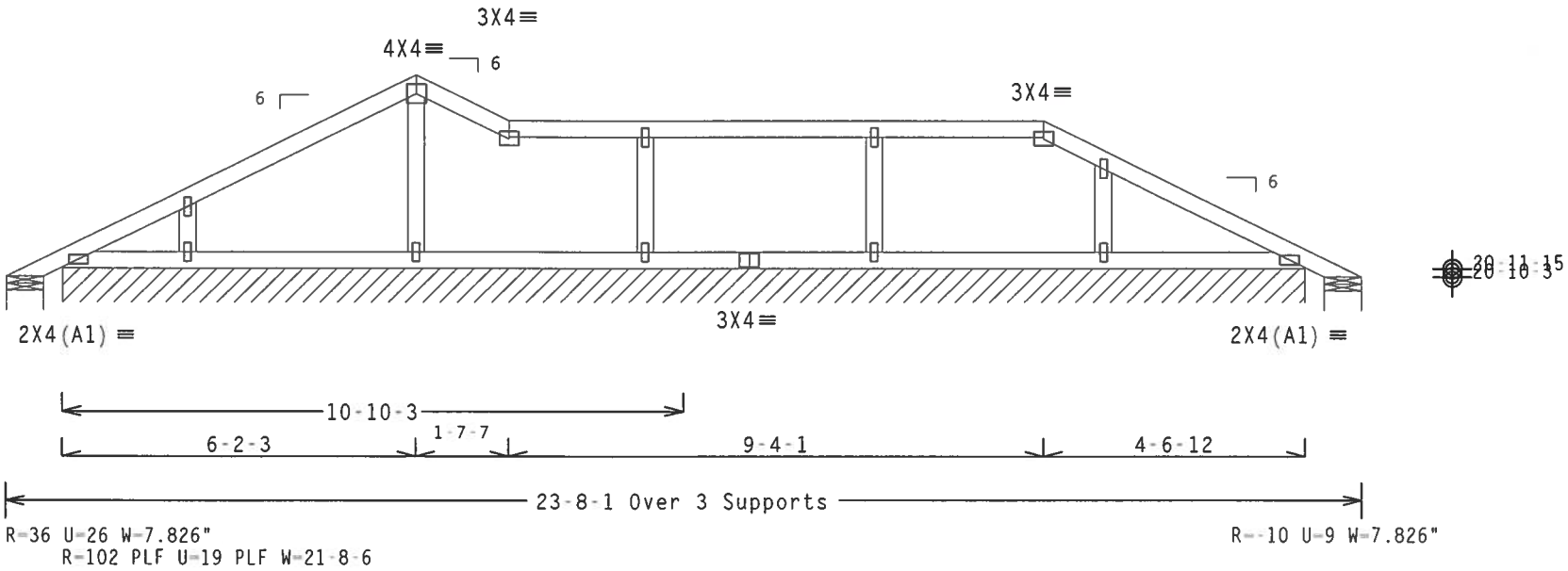
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PIGBACKA0207 or PIGBACKB0207 for piggyback details.

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

TC	From	94 PLF	at	0.00	to	94 PLF	at 7.17
TC	From	94 PLF	at	7.17	to	94 PLF	at 8.79
TC	From	94 PLF	at	8.79	to	94 PLF	at 18.13
TC	From	94 PLF	at	18.13	to	94 PLF	at 23.67
BC	From	4 PLF	at	0.00	to	4 PLF	at 23.67

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
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Haines City, FL 33844
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JAMES F. COLLINS LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	30.0 PSF	REF	R8228- 98612
TC DL	15.0 PSF	DATE	08/17/07
BC DL	10.0 PSF	DRW	HCUSR8228 07229002
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44480
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - HP2)

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

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

110 mph wind, 22.64 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=2.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
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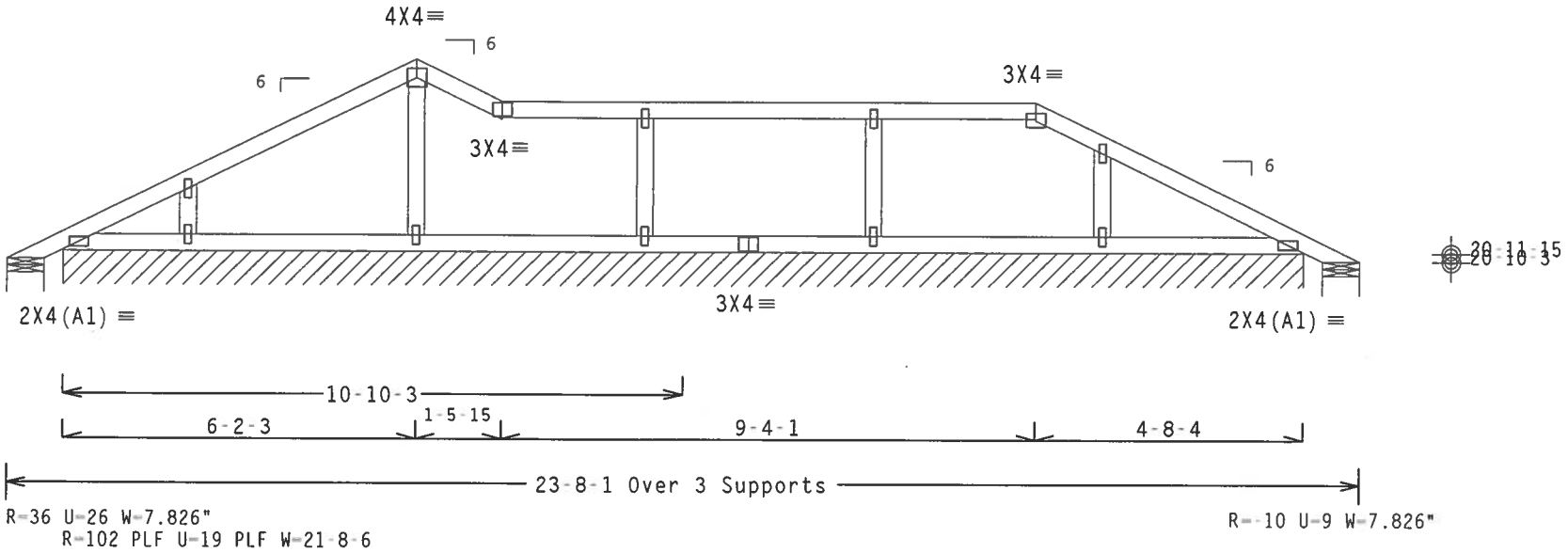
TC - From 94 PLF at 7.17 to 94 PLF at 8.66
TC - From 94 PLF at 8.66 to 94 PLF at 18.00
TC - From 94 PLF at 18.00 to 94 PLF at 23.67
BC - From 4 PLF at 0.00 to 4 PLF at 23.67

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

TC LL	30.0 PSF	REF	R8228- 98613
TC DL	15.0 PSF	DATE	08/17/07
BC DL	10.0 PSF	DRW	HCUSR8228 07229003
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44486
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

(7-231--OWNER BUILDER Johnny Fulger -- 504 S.W. Sunview - HP1)

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

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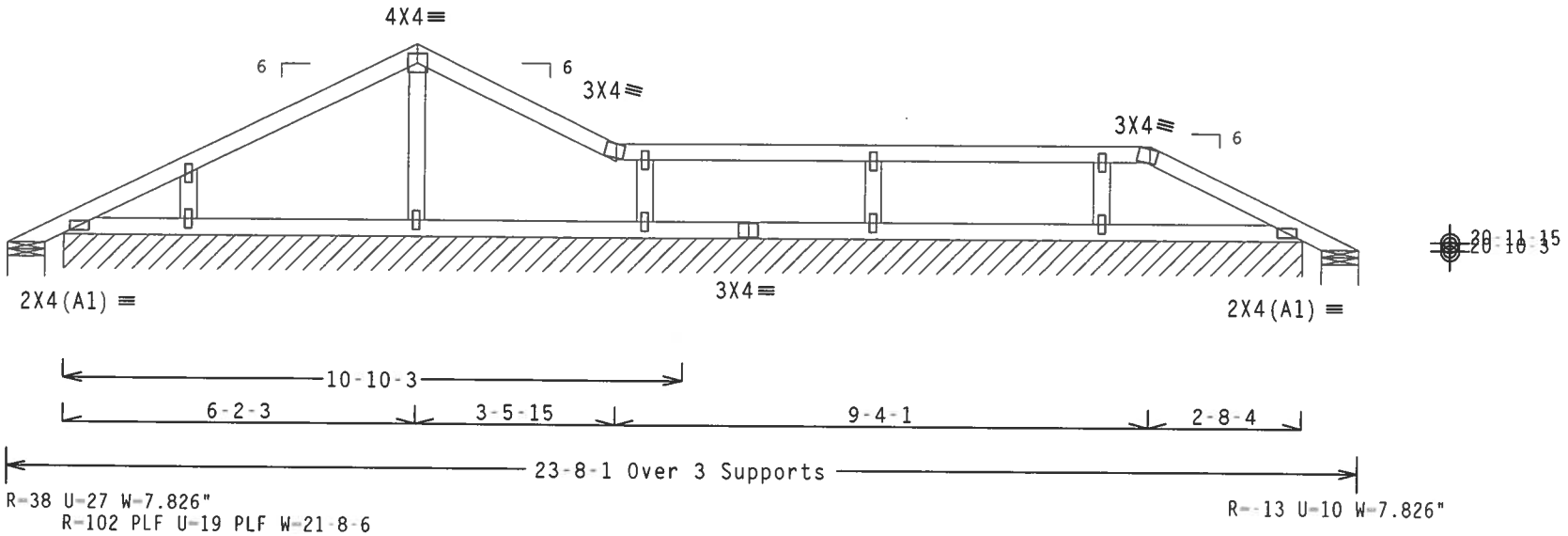
TC	From	94 PLF	at	10.66	to	94 PLF at 20.00
TC	From	94 PLF	at	20.00	to	94 PLF at 23.67
BC	From	4 PLF	at	0.00	to	4 PLF at 23.67

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.36.0424.12 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

TC LL	30.0 PSF	REF	R8228- 98614
TC DL	15.0 PSF	DATE	08/17/07
BC DL	10.0 PSF	DRW	HCUSR8228 07229004
BC LL	0.0 PSF	HC-ENG	JB/AP
TOT.LD.	55.0 PSF	SEQN-	44491
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T9Y8228Z01

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d COMMON (0.162"X 3.5",MIN) NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

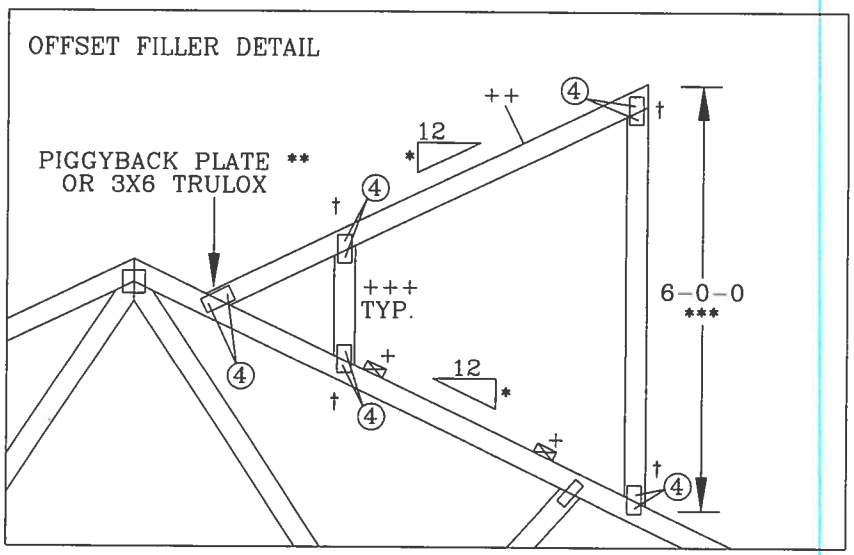
*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

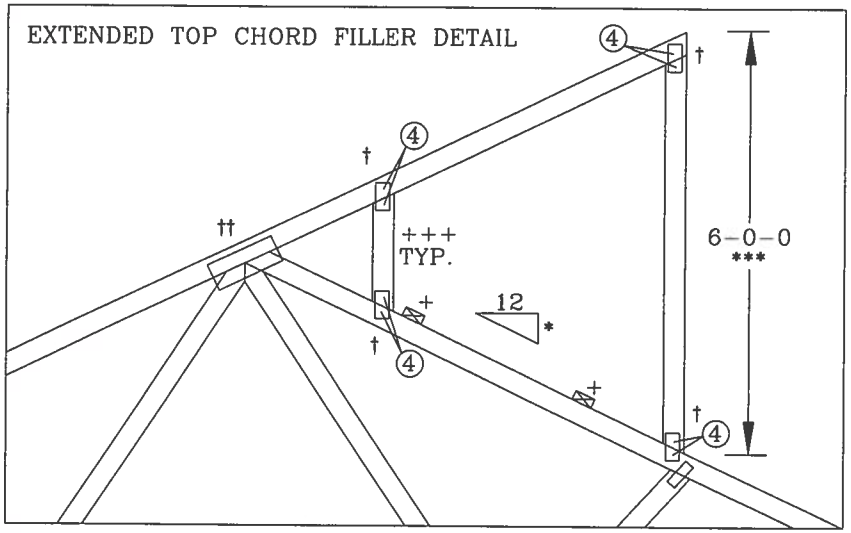
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

0.120"X 1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

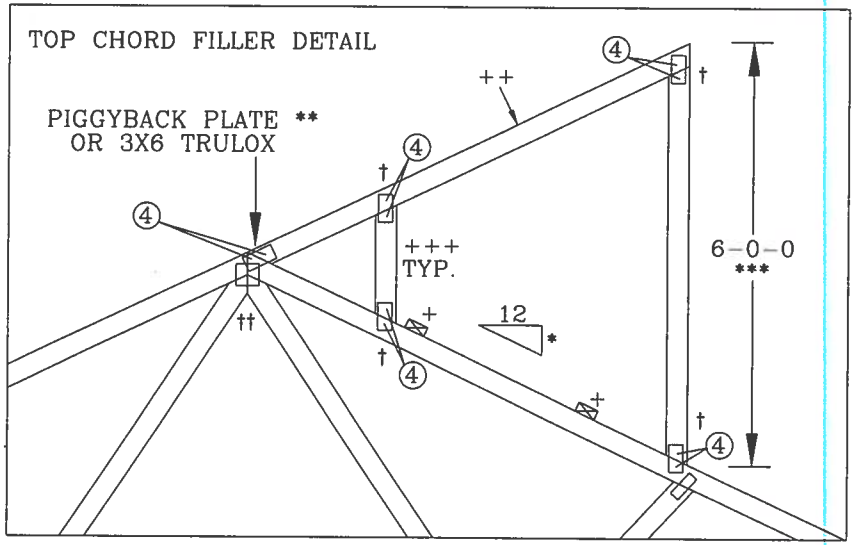
OFFSET FILLER DETAIL



EXTENDED TOP CHORD FILLER DETAIL



TOP CHORD FILLER DETAIL



THIS DRAWING REPLACES DRAWING 884,080

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER AUG 17 07

TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	2/23/07
BC DL	MAX 10 PSF	DRWG	TCFILLER0207
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

BOTTOM CHORD FILLER DETAIL

* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

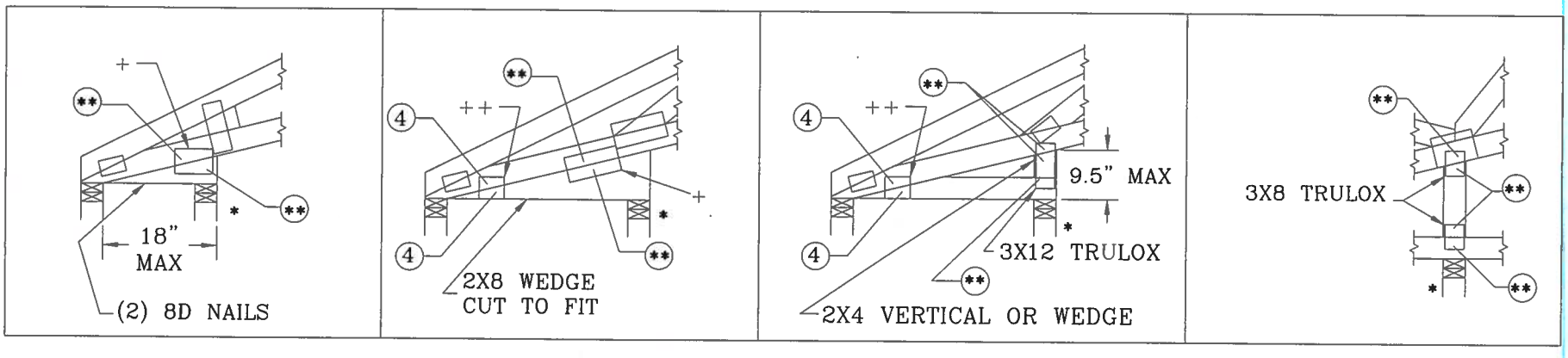
\+ 3X4 WAVE OR 4X8 TRULOX

++ 2X4 WAVE OR 3X6 TRULOX

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6



THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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

TC LL	—	PSF	REF BC FILLER
TC DL	—	PSF	DATE 2/23/07
BC DL	10.0	PSF	DRWG BCFILLER0207
BC LL	—	PSF	-ENG DLJ/KAR
TOT. LD.	—	PSF	
DUR. FAC. 1.0/1.15/1.25/1.33			
SPACING 24.0"			

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C. MAXIMUM SPACING. ATTACH TO EACH TOP CHORD WITH (2) 16d COMMON (0.162"X 3.5",MIN) NAILS. BRACING MATERIAL TO BE SUPPLIED AND ATTACHED AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.

++ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED 48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

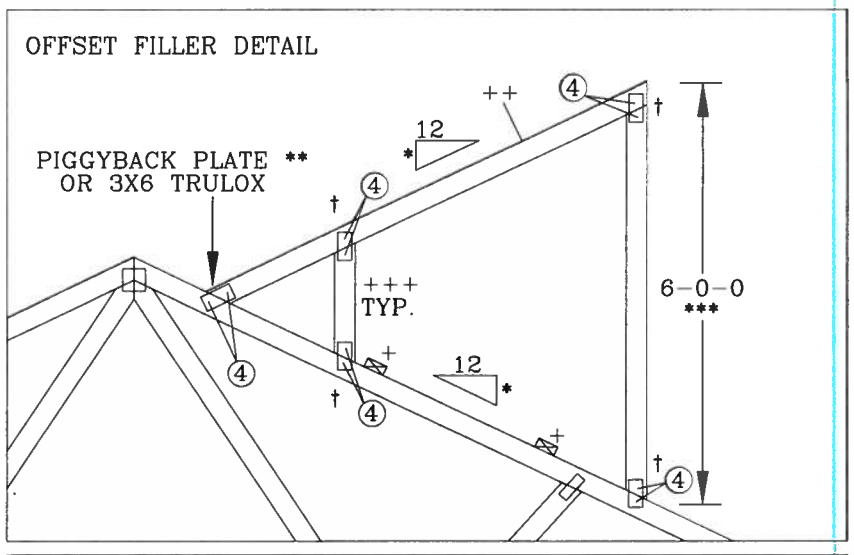
*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

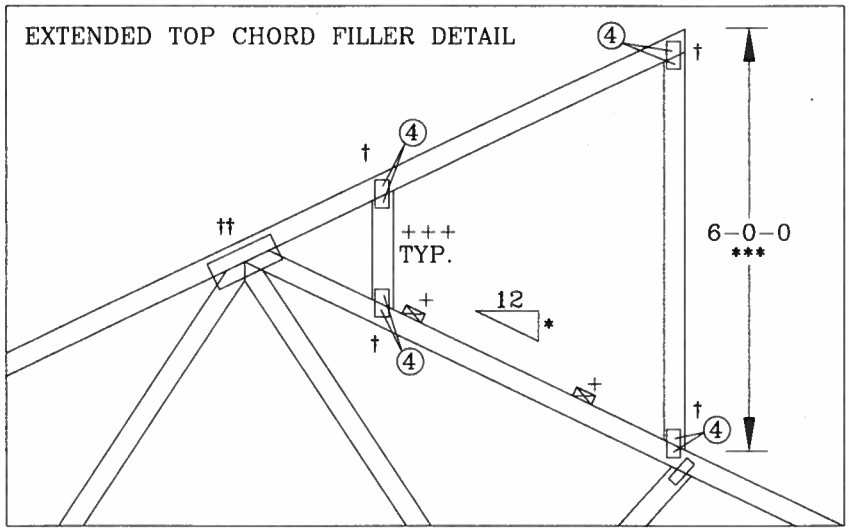
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

0.120"X 1.375" NAILS REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

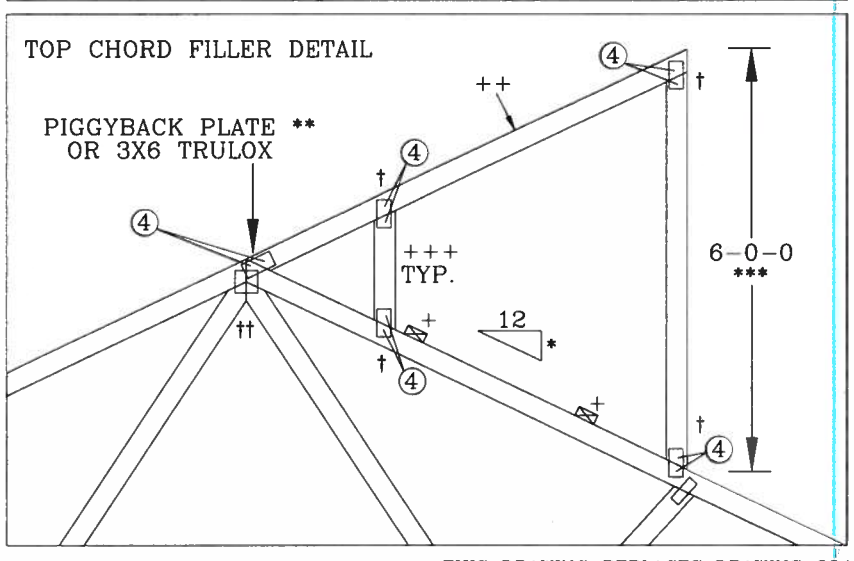
OFFSET FILLER DETAIL



EXTENDED TOP CHORD FILLER DETAIL



TOP CHORD FILLER DETAIL



THIS DRAWING REPLACES DRAWING 884,080

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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JAMES F. COLLINS, JR. LICENSE No. 52812 STATE OF FLORIDA PROFESSIONAL ENGINEER

TC LL	MAX 30 PSF	REF	TC-FILLER
TC DL	MAX 15 PSF	DATE	2/23/07
BC DL	MAX 10 PSF	DRWG	TCFILLER0207
BC LL	0 PSF	-ENG	SJP/KAR
TOT. LD.	MAX 55 PSF		
DUR. FAC.	1.15 OR 1.33		
SPACING	24.0"		

BOTTOM CHORD FILLER DETAIL

* OPTIONAL INTERIOR OR CANTILEVER BEARING. MINIMUM PLATE SIZES (1X3 WAVE) MAY BE USED IF BEARING IS OMITTED. WEDGE OR VERTICAL MEMBER MUST COINCIDE WITH BEARING LOCATION.

0.120" X 1.375", NAILS, REQUIRED FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED IN CIRCLES MUST BE APPLIED TO EACH FACE OF THE TRUSS. SEE DWG. 160TL FOR NAILING AND TRULOX PLATE REQUIREMENTS

\+ 3X4 WAVE OR 4X8 TRULOX

++ 2X4 WAVE OR 3X6 TRULOX

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
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SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
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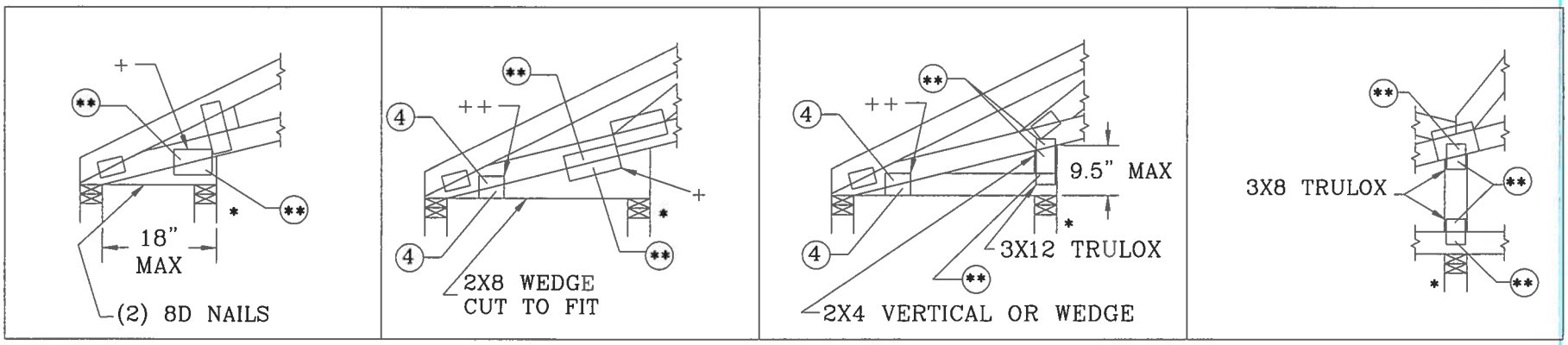

THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884,132

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Aug 17 07

TC LL	—	PSF	REF BC FILLER
TC DL	—	PSF	DATE 2/23/07
BC DL	10.0	PSF	DRWG BCFILLER0207
BC LL	—	PSF	-ENG DLJ/KAR
TOT. LD.	—	PSF	
DUR. FAC. 1.0/1.15/1.25/1.33			
SPACING 24.0"			

BOTTOM CHORD FILLER REPAIR

RECOMMENDED REPAIR PROCEDURE

1. MEASURE DISTANCE FOR NEW LENGTH OF FILLER.
2. APPLY NEW 2X4 STUD GRADE OR BETTER VERTICAL SCAB TO BOTTOM CHORD AND FILLER WITH (3) NAILS 0.131" DIA. x 3.0" OR LARGER, (I.E. 10d OR 16d COMMON, SINKER, GUN, OR 16d BOX NAILS) TO EACH END OF VERTICAL.
3. CAREFULLY REMOVE EFFECTED CONNECTOR PLATES. USE CARE NOT TO DAMAGE THE REMAINING CONNECTOR PLATES OR LUMBER IN ANY WAY.
4. TRIM FILLER TO LENGTH, AT EDGE OF NEW VERTICAL SCAB.

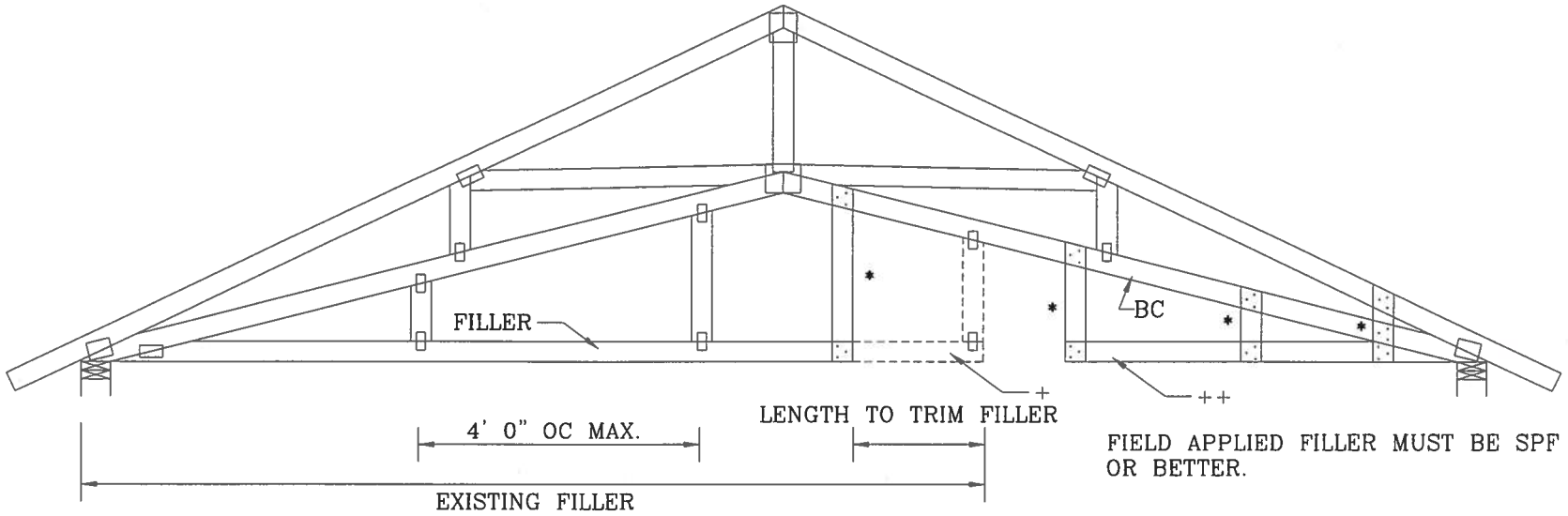
MAXIMUM BOTTOM CHORD LOAD IS 10 PSF.

\+ BOTTOM CHORD FILLER TO BE REMOVED. SEE NOTE #3.

++ FIELD APPLIED FILLER.

* 2X4 STUD GRADE OR BETTER VERTICAL SCAB. ATTACH TO BOTTOM CHORD AND FILLER WITH (3) NAILS WITH A MIN. 0.131" DIA. X 3.0" LENGTH.

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR ALLOWABLE FILLER DIMENSIONS, PLACEMENT, AND WEBBING.



FIELD APPLIED FILLER MUST BE SPF #3 OR BETTER.

THIS DRAWING REPLACES DRAWING 962,767

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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JAMES E. COLLINS JR. LICENSE No. 52212 7 '07 STATE OF FLORIDA PROFESSIONAL ENGINEER

REF	BC FILLER REP.
DATE	2/23/07
DRWG	REPBCFIL0207
-ENG	MLH/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.

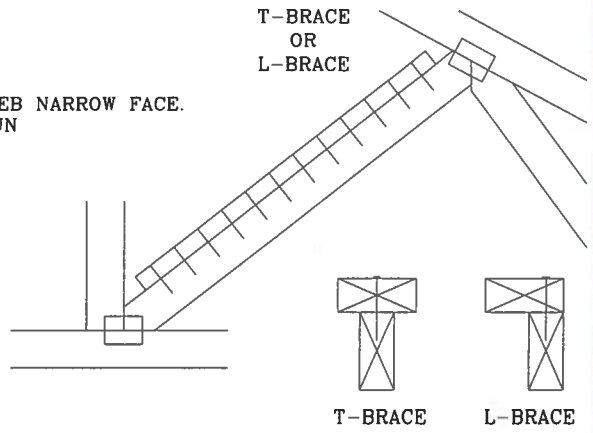
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

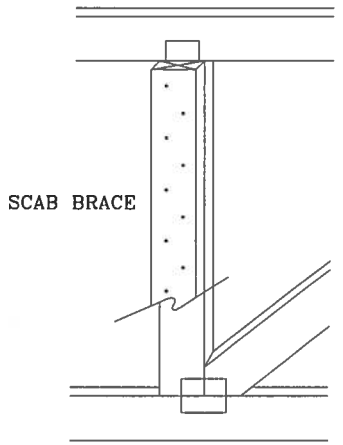
T-BRACING OR L-BRACING:

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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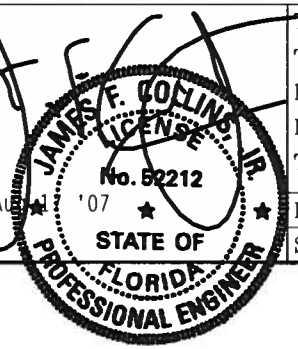


AUG 1 '07

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

PIGGYBACK DETAIL

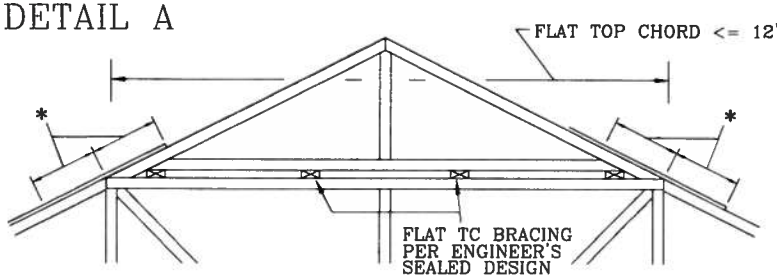
100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

80 MPH WIND, 30.00 FT MEAN HGT, SBC, ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

100 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, CLOSED BLDG, LOCATED ANYWHERE IN ROOF, CAT II, EXP. C, WIND TC DL=5.0 PSF, WIND BC DL=5.0 PSF.

NOTE: TOP CHORDS OF TRUSSES SUPPORTING PIGGYBACK CAP TRUSSES MUST BE ADEQUATLY BRACED BY SHEATHING OR PURLINS. PROVIDE DIAGONAL BRACING OR OTHER SUITABLE ANCHORAGE TO PERMANENTLY RESTRAIN PURLINS.

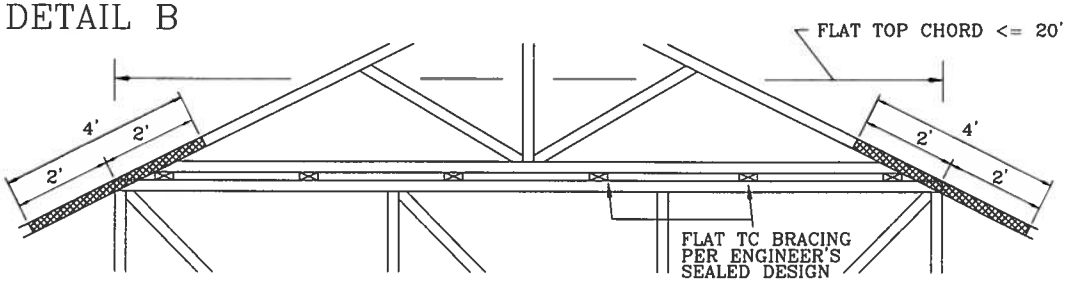
DETAIL A



PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"x3") NAILS.

* 12" MIN RIGID SHEATHING OVERLAP WITH 8d COMMON (0.131"x2.5") OR GUN NAILS IN OVERLAP ZONE SPACED AT 4" O.C.

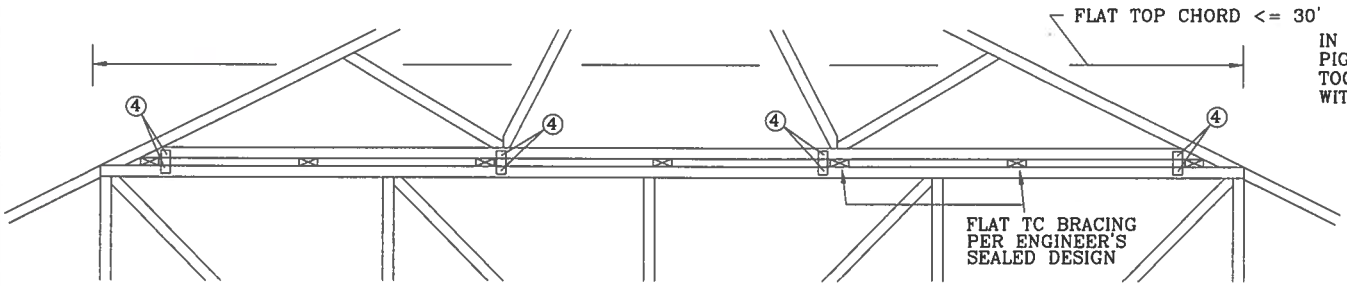
DETAIL B



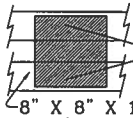
PIGGYBACK CAP TRUSS TOENAILED TO ALL TOP CHORD BRACING WITH (2) 10d COMMON (0.148"X3") NAILS AND SECURED WITH 2X4 #3 GRADE SCAB (1 SIDE ONLY) ATTACHED WITH 10d COMMON NAILS AT 4" O.C.

DETAIL C

CAP TRUSS TOENAILED TO TOP CHORD BRACING AND SECURED WITH 3X8 TRULOX PLATES (EACH FACE) AT EACH END AND AT 1/3 POINTS. CIRCLED NUMBER INDICATES REQUIRED NUMBER OF 0.120" X 1.375" NAILS PER FACE. SEE DRAWING 160TL FOR TRULOX INFORMATION.



IN LIEU OF TRULOX CONNECTORS, ALPINE 62PB SPECIAL PIGGYBACK CONNECTORS MAY BE USED. SHOP APPLY TOOTHED PORTION, FIELD ATTACH TO MATING TRUSS WITH (4) 0.120" X 0.375" NAILS MINIMUM EACH FACE.



8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 8d COMMON NAILS PER GUSSET, (4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

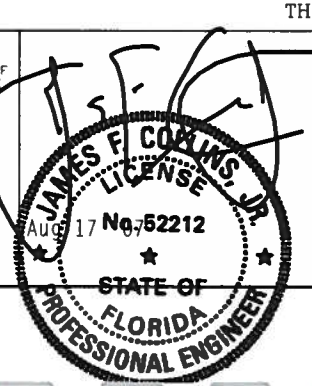
THIS DRAWING REPLACES DRAWINGS 581,670 & 961,860

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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.



TC LL	PSF	REF	PIGGYBACK
TC DL	PSF	DATE	2/23/07
BC DL	PSF	DRWG	PIGBACKA0207
BC LL	PSF	-ENG	DLJ/KAR
TOT. LD.	MAX 60 PSF		
DUR. FAC.	1.15		
SPACING	24.0"		

PIGGYBACK DETAIL

TOP CHORD 2X4 #2 OR BETTER
BOT CHORD 2X4 #2 OR BETTER
WEBS 2X4 #3 OR BETTER

REFER TO SEALED DESIGN FOR DASHED PLATES.

SPACE PIGGYBACK VERTICALS AT 4' OC MAX.

TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

PIGGYBACK BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH 1.5X3 PLATE.

ATTACH PURLINS TO TOP OF FLAT TOP CHORD. IF PIGGYBACK IS SOLID LUMBER OR THE BOTTOM CHORD IS OMITTED, PURLINS MAY BE APPLIED BENEATH THE TOP CHORD OF SUPPORTING TRUSS.

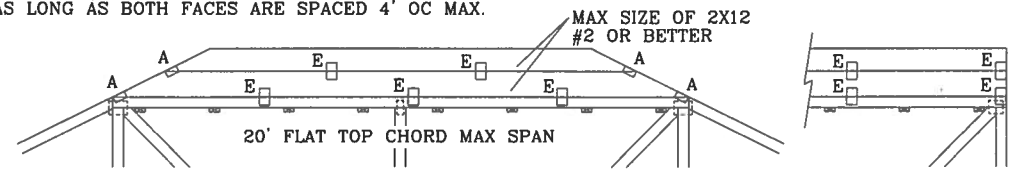
REFER TO ENGINEER'S SEALED DESIGN FOR REQUIRED PURLIN SPACING.

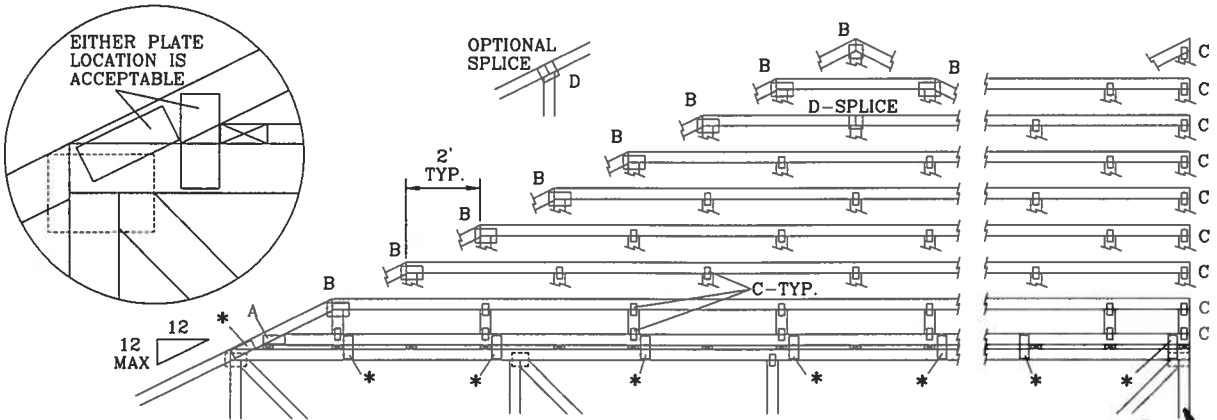
THIS DETAIL IS APPLICABLE FOR THE FOLLOWING WIND CONDITIONS:

130 MPH WIND, 30' MEAN HGT, ASCE 7-98, ASCE 7-02 OR ASCE 7-05, CLOSED BLGD, LOCATED ANYWHERE IN ROOF, CAT II, EXP C, WIND TC DL=5 PSF, WIND BC DL=5 PSF

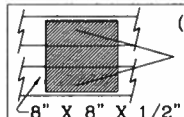
110 MPH WIND, 30' MEAN HGT, SBC ENCLOSED BLDG, LOCATED ANYWHERE IN ROOF WIND TC DL=5 PSF, WIND BC DL=5 PSF

FRONT FACE (E,*) PLATES MAY BE OFFSET FROM BACK FACE PLATES AS LONG AS BOTH FACES ARE SPACED 4' OC MAX.





*ATTACH PIGGYBACK WITH 3X8 TRULOX OR ALPINE PIGGYBACK SPECIAL PLATE.



(4) 6d BOX (0.099"X 2.",MIN) NAILS.

8" X 8" X 1/2" RATED SHEATHING GUSSETS (EACH FACE) MAY BE USED IN LIEU OF TRULOX PLATES, ATTACH WITH (8) 6d BOX (0.099"X 2.",MIN) NAILS PER GUSSET.

(4) IN CAP BC AND (4) IN BASE TRUSS FLAT TC.

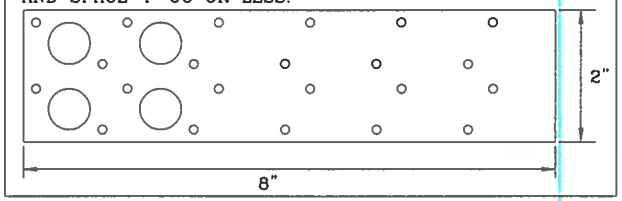
JOINT TYPE	SPANS UP TO			
	30'	34'	38'	52'
A	2X4	2.5X4	2.5X4	3X5
B	4X6	5X6	5X6	5X6
C	1.5X3	1.5X4	1.5X4	1.5X4
D	5X4	5X5	5X5	5X6
E	4X6 OR 3X6 TRULOX AT 4' OC, ROTATED VERTICALLY			

ATTACH TRULOX PLATES WITH (8) 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY. (4) NAILS IN EACH MEMBER TO BE CONNECTED. REFER TO DRAWING 160 TL FOR TRULOX INFORMATION.

WEB BRACING CHART	
WEB LENGTH	REQUIRED BRACING
0' TO 7'9"	NO BRACING
7'9" TO 10'	1x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 8d BOX (0.113"X 2.5",MIN) NAILS AT 4" OC.
10' TO 14'	2x4 "T" BRACE. SAME GRADE, SPECIES AS WEB MEMBER, OR BETTER, AND 80% LENGTH OF WEB MEMBER. ATTACH WITH 16d BOX (0.135"X 3.5",MIN) NAILS AT 4" OC

* PIGGYBACK SPECIAL PLATE

ATTACH TEETH TO THE PIGGYBACK AT THE TIME OF FABRICATION. ATTACH TO SUPPORTING TRUSS WITH (4) 0.120" X 1.375" NAILS PER FACE PER PLY. APPLY PIGGYBACK SPECIAL PLATE TO EACH TRUSS FACE AND SPACE 4' OC OR LESS.



THIS DRAWING REPLACES DRAWINGS 634,016 634,017 & 847,045

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

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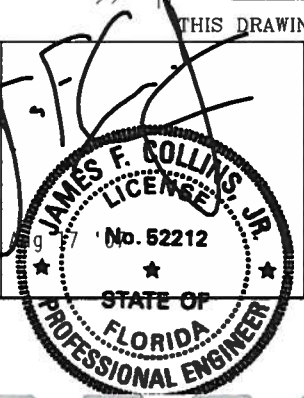


MAX LOADING
55 PSF AT 1.33 DUR. FAC.
50 PSF AT 1.25 DUR. FAC.
47 PSF AT 1.15 DUR. FAC.
SPACING 24.0"

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

MIAMI-DADE
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Therma-Tru Corporation
108 Mutzfeld Road
Butler, IN 46721

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The BCCO (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

DESCRIPTION: Outswing Glazed Residential Steel Door w\Sidelites

APPROVAL DOCUMENT: Drawing No. S-2003, titled "Therma-Tru Wood edge Outswing", sheets 1 through 6 to 6, prepared by RW Consulting, dated 3/9/01, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 00-0207.06** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Raul Rodriguez.**

PRODUCT CONTROL ACCEPTED

THERMA-TRU®

"CONSTRUCTION" AND "PREMIUM" SERIES
INSULATED STEEL DOOR WITH WOOD FRAMES.

GENERAL NOTES

1. THIS PRODUCT IS DESIGNED TO MEET THE SOUTH FLORIDA BUILDING CODE 1994 EDITION FOR MIAMI-DADE COUNTY.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
4. MIAMI-DADE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED.
5. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
6. SIDELITES ARE AN OPTION AND CAN BE IN A SINGLE OR DOUBLE CONFIGURATION.

RESIDENTIAL INSULATED STEEL DOOR
(Common to all frame conditions)

Door Leaf Construction:

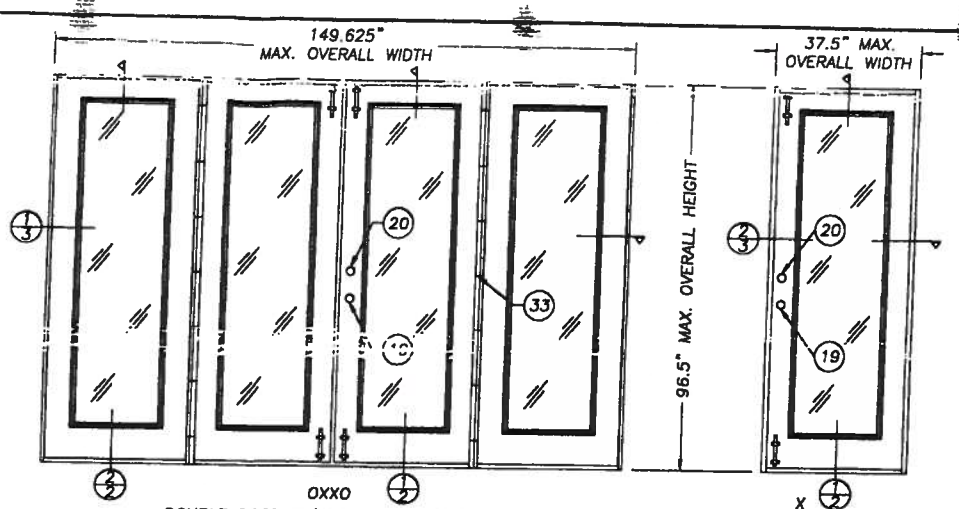
Face sheets: 25 GA.(0.018")minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(min.)=47,000 psi

Core design: Polyurethane foam core, with1.9 lbs. density by BASF.

Construction: Flush or embossed type. The vertical edges of the skin, are rolled formed to provide a mechanical interlock with finger jointed pine stiles. Wood composite end rails are butt jointed to styles at corners. Panels are sandwich glazed using a two piece PVC lite frame with mitered & welded corners.

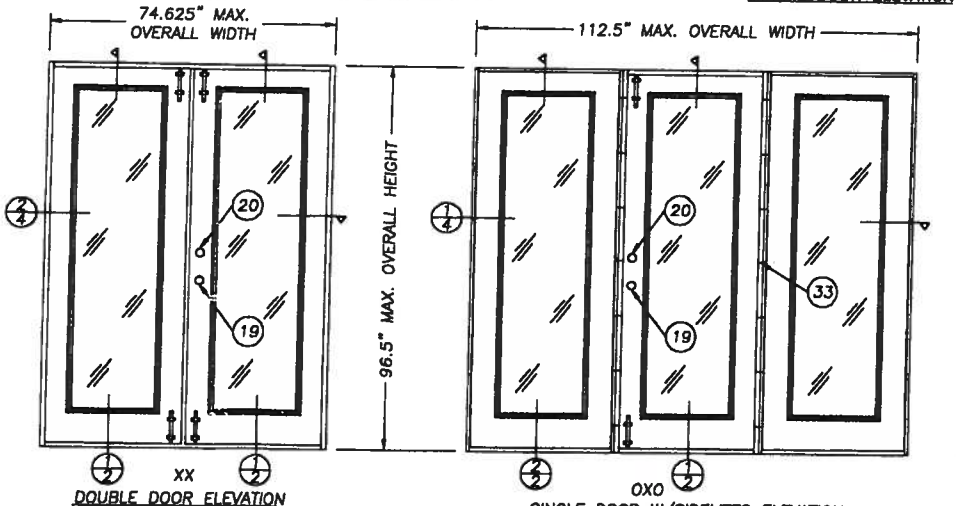
TABLE OF CONTENTS

DESIGN PRESSURE RATING	
	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED
POSITIVE	+ 48.0 PSF
NEGATIVE	- 51.0 PSF



DOUBLE DOOR W/SIDELITES ELEVATION

SINGLE DOOR ELEVATION



DOUBLE DOOR ELEVATION

SINGLE DOOR W/SIDELITES ELEVATION

ALL DOOR MODELS ARE VIEWED FROM THE INTERIOR SIDE (OUTSWING DOORS)

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 02-0418.01
Expiration Date 04/09/07
By Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE APRIL 05, 2001
BY Isaac J. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0267.06

THERMA TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

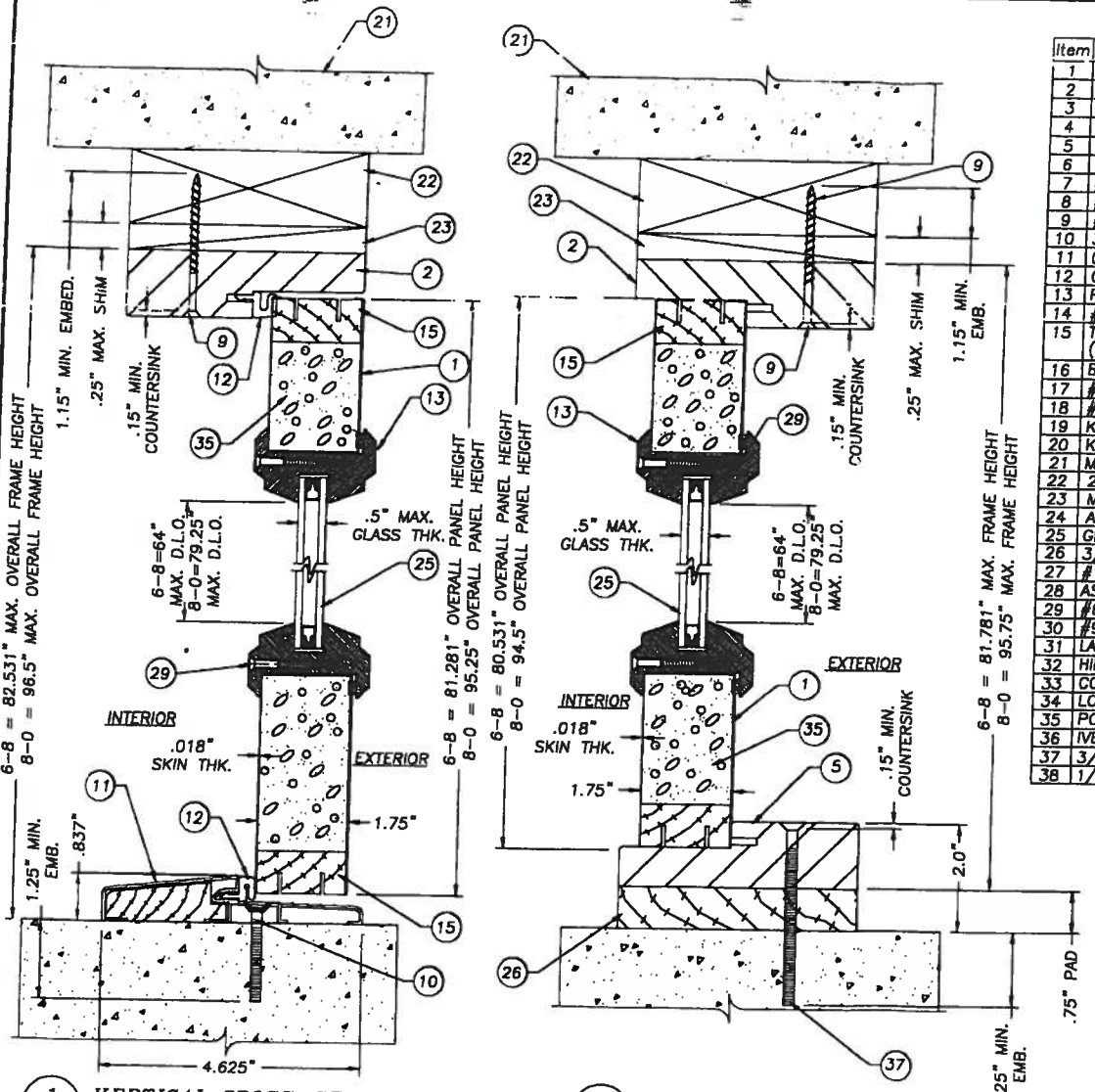
PRODUCT: THRMA TRU WOODEDGE OUTSWING UP TO 12-0 x 8-0 W/3-0 SIDELITES

PART OR ASSEMBLY: ELEVATIONS AND GENERAL NOTES

NO.	DATE	REVISIONS	BY
2	3/09/01	GENERAL REVISION	RW
1	4/11/00	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 3/3/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2003
SHEET 1 OF 6



1/2 VERTICAL CROSS-SECTION

2/2 VERTICAL CROSS-SECTION

Item	DESCRIPTION	Material
1	CONSTRUC. SERIES DOOR (25GA. .018" MIN.)	STEEL
2	4 1/2" HEADER (THERMA-TRU)	WOOD
3	4 1/2" LATCH JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
4	4 1/2" HINGE JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
5	4 1/2" BLANK JAMB (THERMA-TRU, PONDEROSA PINE)	WOOD
6	4" x 4" HINGE .097" THK. (THERMA-TRU)	STEEL
7	#9 x 3/4" lg. (Hinge to Frame)	STEEL
8	#10 WOOD SCREW X 2 1/2" LG.	STEEL
9	#8 x 2 1/2" LG. WOOD SCREW	STEEL
10	3/16" TAPCON ANCHOR (ELCO, 1.75" MIN. LG.)	STEEL
11	ONE PIECE BUMP FACE THRESHOLD (THERMA-TRU)	ALUM./WOOD
12	COMPRESSION WEATHERSTRIP (THERMA-TRU)	
13	PLASTIC LIP LITE FRAME (PVC, THERMA-TRU)	PVC
14	#10 x 1 1/4" LG. TYPE "A" FLATHEAD	STEEL
15	TOP & BOTTOM RAIL (1.75" x 1.625") (THERMA-TRU, PONDEROSA PINE)	WOOD
16	BLANK SIDE STYLE (THERMA-TRU, PONDEROSA PINE)	WOOD
17	#8 x 1/2" LG. TYPE "AB" PANHEAD	STEEL
18	#10 WOOD SCREW X 2" LG.	STEEL
19	KWIKSET 200 DL PASSAGE	
20	KWIKSET 660 DEADBOLT	
21	MASONRY WALL	
22	2x WOOD BUCK	WOOD
23	MAX. 1/4" SHIM MATERIAL	WOOD
24	ASTRAGAL (.052" WALL THK.)	WOOD/ALUM.
25	GLAZING, 1/2" INSULATED TEMPERED GLASS	GLASS
26	3/4" THK. PRESSURE TREATED SIDELITE PAD	WOOD
27	#12 x 1/2" LG. PANHEAD SHEET METAL SCREW	STEEL
28	ASTRAGAL WEATHERSRIP	VINYL
29	#6-18 x 1 3/4" PHILLIPS FLATHEAD SCREW	STEEL
30	#9 x 1" LG. PHILLIPS FLATHEAD SCREW	STEEL
31	LATCH SIDE STYLE (THERMA-TRU, PONDEROSA PINE)	WOOD
32	HINGE SIDE STYLE (THERMA-TRU, PONDEROSA PINE)	WOOD
33	CORRUGATED STAPLE FASTENER (1 1/2" X 3/4")	STEEL
34	LOCK BLOCK (4" x 11" x 1.625")	WOOD
35	POLYURETHANE FOAM (BASF, 1.9lbs. DENSITY)	FOAM
36	IVES SURFACE BOLT (.25" STEEL)	STEEL
37	3/16" TAPCON ANCHOR (ELCO, 3.25" MIN. LG.)	STEEL
38	1/8 THK. CELLULAR GLAZING TAPE (STIK-II TAPE)	—

NOTE:
SIDELITE IS DIRECT SET INTO JAMB WITH #10 x 2" PH.F.H. WOOD SCREWS AT 6" FROM EACH END AND A MAX. OF 12" O.C. ON VERTICAL LEG JAMBS ONLY.

PRODUCT RENEWED as complying with the Florida Building Code
Acceptance No. 02-0418.01
Expiration Date 04/05/07
By Miami-Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE APRIL 05, 2001
BY Ishaq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0207.06

THERMA-TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

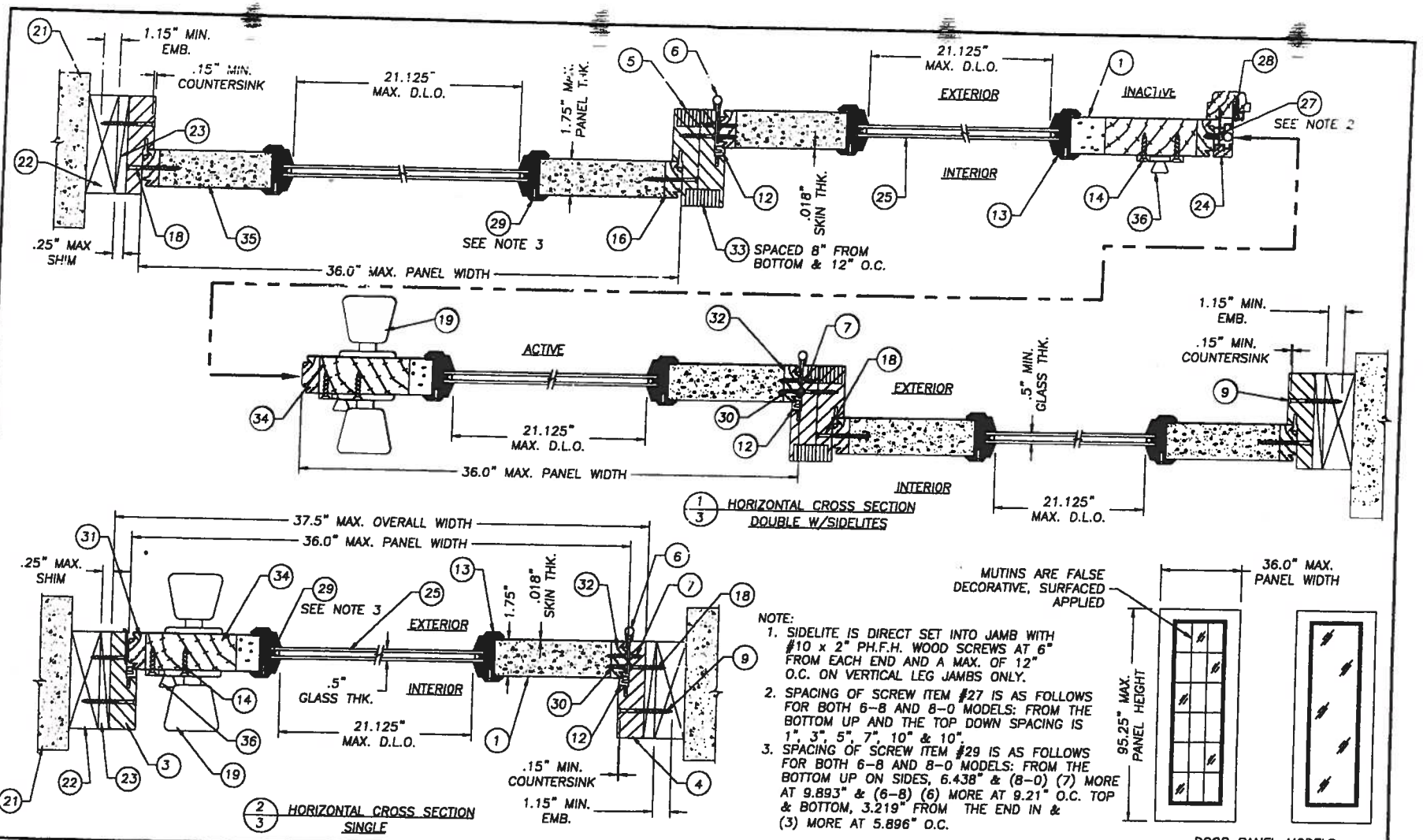
PRODUCT: THERMA TRU WOODEDGE OUTSWING UP TO 12-0 x 8-0 W/3-0 SIDELITES

PART OR ASSEMBLY: VERTICAL CROSS SECTIONS & BILL OF MATERIALS

NO.	DATE	REVISIONS	BY
2	3/09/01	GENERAL REVISION	RW
1	4/11/00	GENERAL REVISION	TJH

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 3/3/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2003
SHEET 2 OF 6



NOTE:
1. SIDELITE IS DIRECT SET INTO JAMB WITH #10 x 2" PH.F.H. WOOD SCREWS AT 6" FROM EACH END AND A MAX. OF 12" O.C. ON VERTICAL LEG JAMBS ONLY.
2. SPACING OF SCREW ITEM #27 IS AS FOLLOWS FOR BOTH 6-8 AND 8-0 MODELS: FROM THE BOTTOM UP AND THE TOP DOWN SPACING IS 1", 3", 5", 7", 10" & 10".
3. SPACING OF SCREW ITEM #29 IS AS FOLLOWS FOR BOTH 6-8 AND 8-0 MODELS: FROM THE BOTTOM UP ON SIDES, 6.438" & (8-0) (7) MORE AT 9.893" & (6-8) (6) MORE AT 9.21" O.C. TOP & BOTTOM, 3.219" FROM THE END IN & (3) MORE AT 5.896" O.C.

MUTINS ARE FALSE DECORATIVE, SURFACED APPLIED

DOOR PANEL MODELS

THERMA TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

NO.	DATE		BY
2	3/09/01	GENERAL REVISION	RW
1	4/11/00	GENERAL REVISION	TJH

REVISIONS

PRODUCT: THERMA TRU WOODEDGE OUTSWING UP TO 12-0 x 8-0 W/3-0 SIDELITES

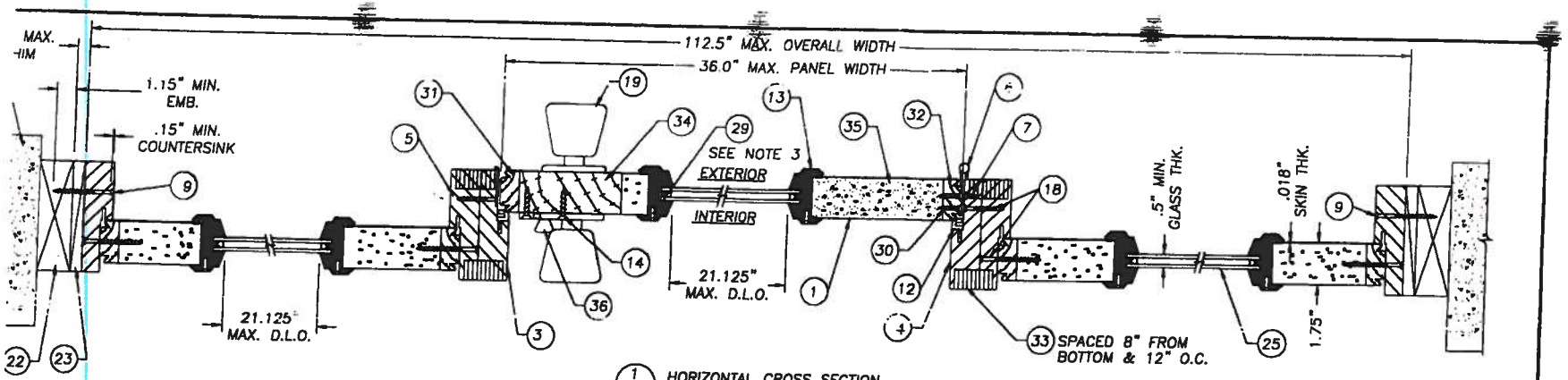
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & DOOR MODELS

RW BUILDING CONSULTANTS, INC. 813.684.3831

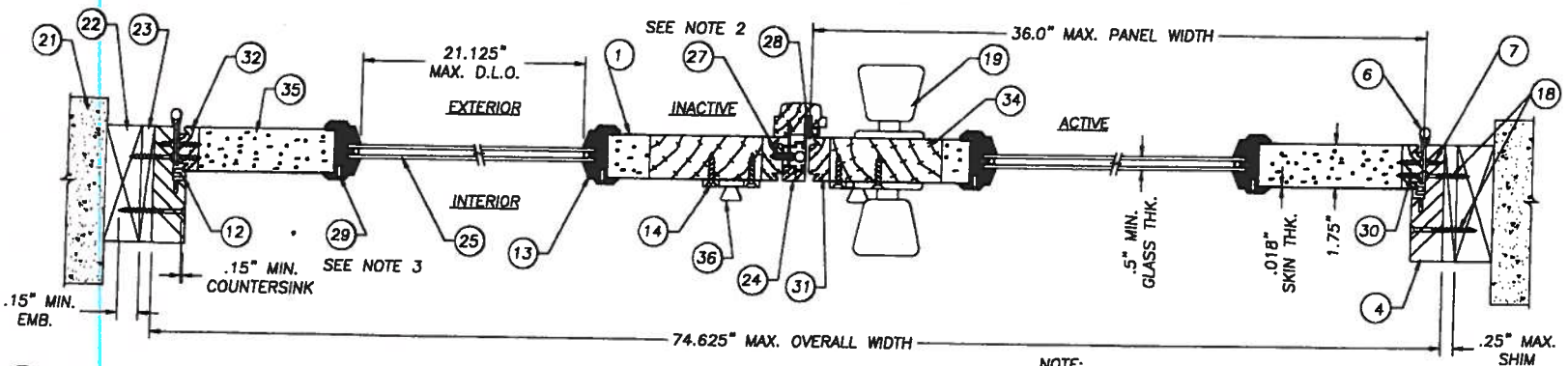
PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 02-0418.01 Expiration Date 04/05/07
By Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE APRIL 03, 2001
BY Ishaq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0207.06

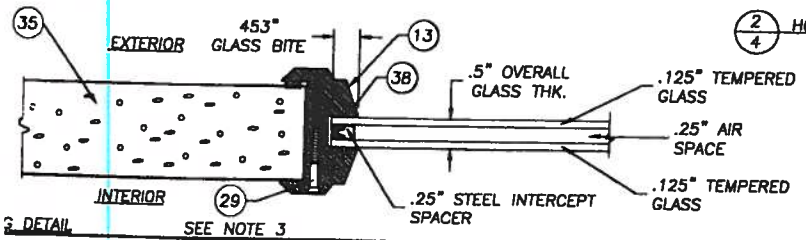
DATE: 3/3/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2003
SHEET 3 OF 6



1/4 HORIZONTAL CROSS SECTION SINGLE W/SIDELITES



2/4 HORIZONTAL CROSS SECTION DOUBLE



3 DETAIL

NOTE:
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THERMA TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

NO.	DATE	REVISIONS	BY
2	3/09/01	GENERAL REVISION	RW
1	4/11/00	GENERAL REVISION	TJH

PRODUCT: THERMA TRU WOODEDGE OUTSWING UP TO 12-0 x 8-0 W/3-0 SIDELITES

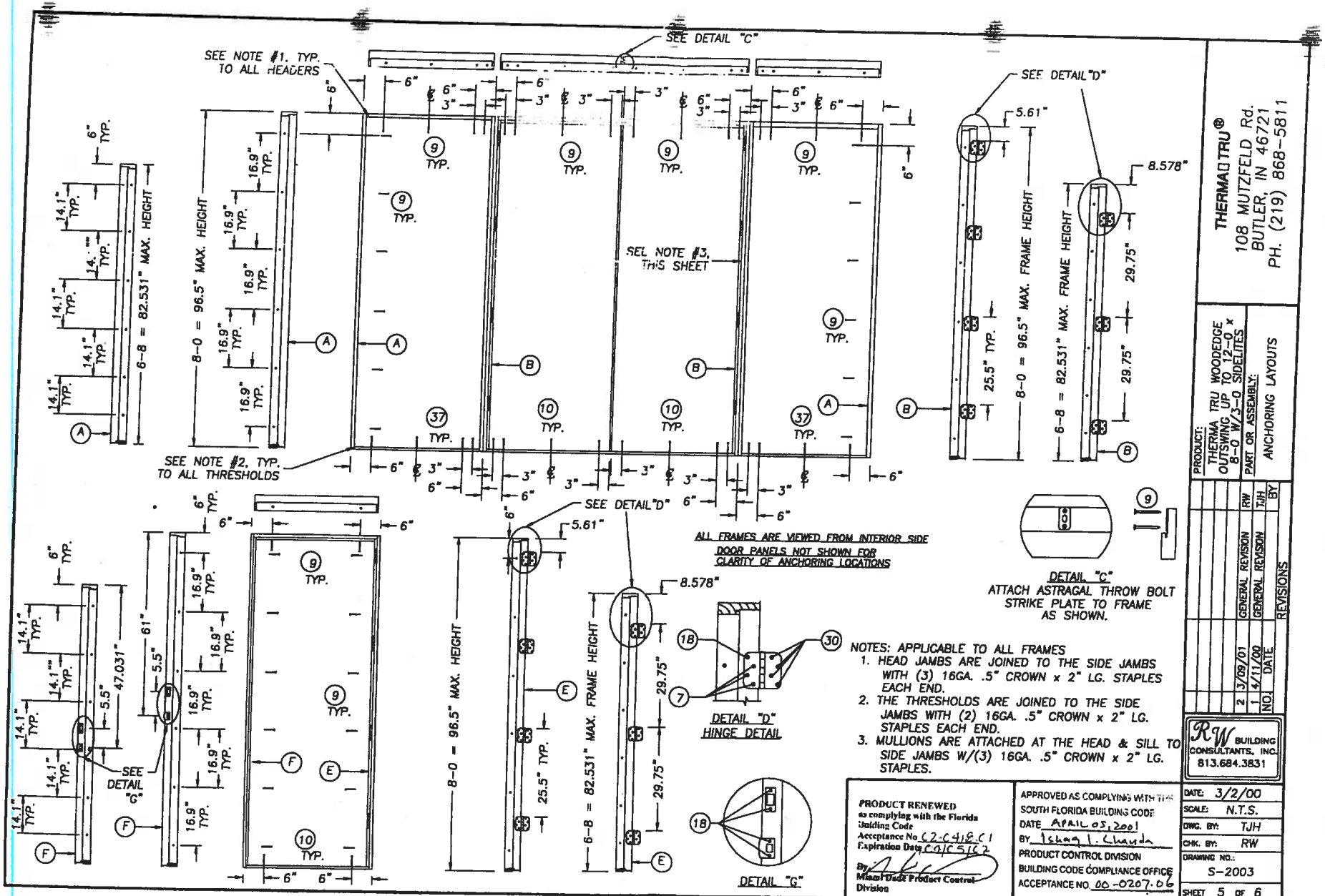
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS & GLAZING DETAIL

RW BUILDING CONSULTANTS, INC. 813.684.3831

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 02-0418.01 Expiration Date 6/10/03
By Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE April 05, 2001
BY Ishaq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO 00-0207.06

DATE: 3/3/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2003
SHEET 4 OF 6



NOTES: APPLICABLE TO ALL FRAMES

1. HEAD JAMBS ARE JOINED TO THE SIDE JAMBS WITH (3) 16GA. .5" CROWN x 2" LG. STAPLES EACH END.
2. THE THRESHOLDS ARE JOINED TO THE SIDE JAMBS WITH (2) 16GA. .5" CROWN x 2" LG. STAPLES EACH END.
3. MULLIONS ARE ATTACHED AT THE HEAD & SILL TO SIDE JAMBS W/(3) 16GA. .5" CROWN x 2" LG. STAPLES.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-0418.01
Expiration Date 04/05/07
By: Miami-Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE APRIL 05, 2001
BY Ishaq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0207.06

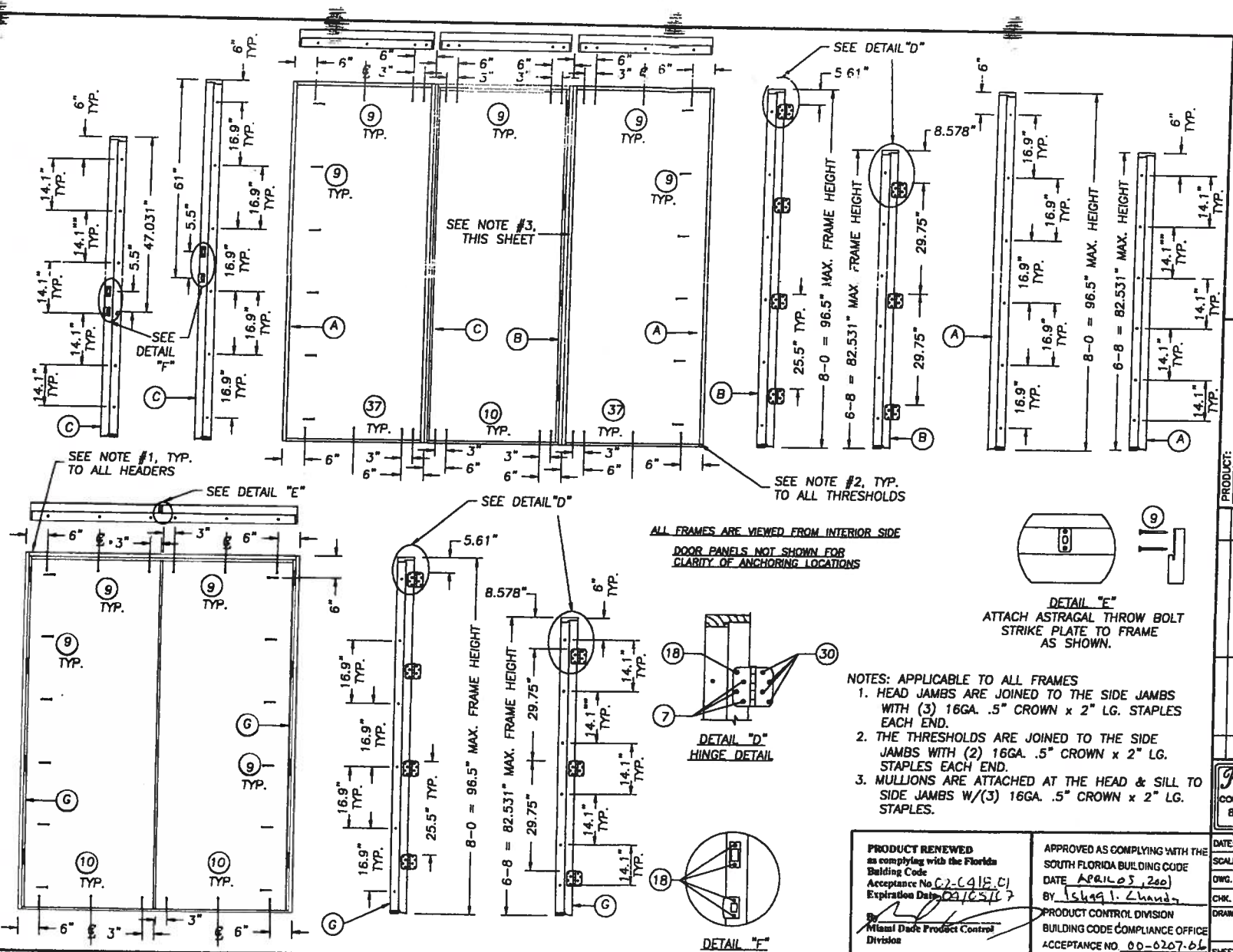
THERMA TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT: THERMA TRU WOODEDGE OUTSWING UP TO 12-0 x 8-0 W/3-0 SIDELITES
PART OR ASSEMBLY: ANCHORING LAYOUTS

NO.	DATE	REVISIONS	BY
1	4/11/00	GENERAL REVISION	TJH
2	3/09/01	GENERAL REVISION	RW

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE: 3/2/00
SCALE: N.T.S.
DWG. BY: TJH
CHK. BY: RW
DRAWING NO.: S-2003
SHEET 5 OF 6



NOTES: APPLICABLE TO ALL FRAMES

1. HEAD JAMBS ARE JOINED TO THE SIDE JAMBS WITH (3) 16GA. .5" CROWN x 2" LG. STAPLES EACH END.
2. THE THRESHOLDS ARE JOINED TO THE SIDE JAMBS WITH (2) 16GA. .5" CROWN x 2" LG. STAPLES EACH END.
3. MULLIONS ARE ATTACHED AT THE HEAD & SILL TO SIDE JAMBS W/(3) 16GA. .5" CROWN x 2" LG. STAPLES.

PRODUCT RENEWED
as complying with the Florida Building Code
Acceptance No. 02-0415.01
Expiration Date: 04/05/07
By: Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE April 05, 2001
BY Isaac J. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0207.06

THERMA-TRU®
108 MUTZFELD Rd.
BUTLER, IN 46721
PH. (219) 868-5811

PRODUCT: THERMA TRU WOODEDGE OUTSWING UP TO 12-0 x 8-0 W/3-0 SIDELITES
PART OR ASSEMBLY: ANCHORING LAYOUTS

NO.	DATE	REVISIONS	BY
2	3/09/01	GENERAL REVISIONS	RW
1	4/11/00	GENERAL REVISIONS	TJH

RW BUILDING CONSULTANTS, INC.
813.684.3831

DATE:	3/2/00
SCALE:	N.T.S.
DWG. BY:	TJH
CHK. BY:	RW
DRAWING NO.:	S-2003
SHEET	6 OF 6

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Entegra Sales, Inc.
819 N. Federal Highway, Suite 300
Stuart, FL. 34994

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Estate "S" Tile

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This renews NOA # 01-0703.04 and consists of pages 1 through 7.
The submitted documentation was reviewed by Alex Tigera.

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub Category: Roofing Tiles
Material: Concrete

1. SCOPE

This renews a roofing system using Entegra Estate "S" Concrete Roof Tile, as manufactured Entegra Roof Tile Corporation in as described in Section 2 of this Notice of Acceptance, designed to comply with the Florida Building Code, 2004 Edition for High Velocity Hurricane Zone. For the locations where the pressure requirements, as determined by applicable Building Code, does not exceed the design pressure values obtain by calculations in compliance with RAS 127 using the values listed in section 4 herein. The attachment calculations shall be done as a moment based system.

2. PRODUCT DESCRIPTION

Manufactured by Applicant	Dimensions	Test Specifications	Product Description
Entegra Estate 'S' Roof Tile	l = 16-1/2" w = 13" min. 1/2" thick	TAS 112	Low profile, interlocking, extruded concrete roof tile equipped with two nail hole and double roll ribs. For direct deck or battened nail-on, mortar or adhesive set applications
Trim Pieces	l = varies w = varies varying thickness	TAS 112	Accessory trim, concrete roof pieces for use at hips, rakes, ridges and valley terminations. Manufactured for each tile profile.

2.1 Components or products manufactured by others

Product	Dimensions	Test Specifications	Product Description	Manufacturer
Rainproof II	30" x 75' roll 36" x 75' roll or 60" x 75' roll	TAS 104	Single ply, nail-on underlayment with 2" self-adhering top edge.	Protect-O-Wrap, Inc. (with current NOA)
Ice and Water Shield	36" x 75' roll	TAS 103	Self-adhering underlayment	W.R. Grace Co. (with current NOA
Wood Battens	Vertical Min. 1"x 4" Horizontal Min. 1"x 4" for use with vertical battens or Min. 1"x 2" for use alone	Wood Preservers Institute LP – 2	Salt pressure treated or decay resistant lumber battens	Generic (with current NOA)

Product	Dimensions	Test Specifications	Product Description	Manufacturer
Tile Nails	Min. 10dx 3"	TAS 114 Appendix E	Corrosion resistant screw or smooth shank nails	Generic (with current NOA)
Tile Screws	#8x 2 ½" long 0.335" head dia. 0.131" shank dia. 0.175" screw thread dia.	TAS 114 Appendix E	Corrosion resistant, coated, square drive, galvanized, coarse thread wood screws	Generic (with current NOA)
Roof Tile Mortar ("TileTite™")	N/A	TAS 123	Prepared mortar mix designed for mortar set roof tile applications.	Bermuda Roof Company, Inc. with current PCA
Roof Tile Mortar ("Quikrete® Roof Tile Mortar #1140")	N/A	TAS 123	Prepared mortar mix designed for mortar set roof tile applications.	Quikrete Construction Products with Current PCA
Roof Tile Mortar ("BONSAL® Roof Tile Mortar Mix")	N/A	TAS 123	Prepared mortar mix designed for mortar set roof tile applications.	W. R. Bonsal Co. with current PCA
Roof Tile Adhesive ("Polypro® AH160")	N/A	See PCA	Two component polyurethane adhesive designed for adhesive set roof tile applications.	Polyfoam Products, Inc.
Roof Tile Adhesive TileBond	Factory premixed canisters	See PCA	Single component polyurethane foam roof tile adhesive	Flexible Products (with current NOA)
Hurricane Clip & Fasteners	Clips Min. ½" width Min. 0.060" thick Clip Fasteners Min. 8d x 1 ¼"	TAS 114 Appendix E	Corrosion resistant clips with corrosion resistant nails.	Generic

3. LIMITATIONS

3.1 Fire classification is not part of this acceptance.

3.2 For mortar or adhesive set tile applications, a static field uplift test shall be performed in accordance with RAS 106.

3.3 Applicant shall retain the services of a Miami-Dade County Certified Laboratory to perform quarterly test in accordance with TAS 112, appendix 'A'. Such testing shall be submitted to the Building Code Compliance Office for review.

3.4 Minimum underlayments shall be in compliance with the applicable Roofing Applications Standards listed section 4.1 herein.

3.5 30/90 hot mopped underlayment applications may be installed perpendicular to the roof slope unless stated otherwise by the underlayment material manufacturers published literature.

3.6 This acceptance is for wood deck applications. Minimum deck requirements shall be in compliance with applicable Building Code.

4. INSTALLATION

4.1.1 Entegra Estate "S" Concrete Roof Tile and its components shall be installed in strict compliance with Miami Dade County Roofing Application Standard RAS 118, RAS 119, and RAS 120.

4.2 Data For Attachment Calculations

Table 1: Average Weight (W) and Dimensions (l x w)

Tile Profile	Weight-W (lbf)	Length-l (ft)	Width-w (ft)
Entegra Estate 'S' Roof Tile	10.0	1.375	1.08

Table 2: Aerodynamic Multipliers - λ (ft^3)

Tile Profile	λ (ft^3) Batten Application	λ (ft^3) Direct Deck Application
Entegra Estate 'S' Roof Tile	0.267	0.289

Table 3: Restoring Moments due to Gravity - M_g (ft-lbf)

Tile Profile	3":12"		4":12"		5":12"		6":12"		7":12" or greater	
Entegra Estate 'S' Roof Tile	Battens	Direct Deck	Battens	Direct Deck	Battens	Direct Deck	Battens	Direct Deck	Battens	Direct Deck
	5.91	6.74	5.82	6.64	5.70	6.50	5.56	6.33	5.40	N/A

Table 4: Attachment Resistance Expressed as a Moment - M_f (ft-lbf) for Nail-On Systems				
Tile Profile	Fastener Type	Direct Deck (min 15/32" plywood)	Direct Deck (min. 19/32" plywood)	Battens
Entegra Estate 'S' Roof Tile	2-10d Ring Shank Nails	27.8	37.4	28.8
	1-10d Smooth or Screw Shank Nail	8.8	11.8	4.1
	2-10d Smooth or Screw Shank Nails	16.4	21.9	7.1
	1 #8 Screw	25.8	25.8	22.9
	2 #8 Screw	47.1	47.1	49.1
	1-10d Smooth or Screw Shank Nail (Field Clip)	24.3	24.3	24.2
	1-10d Smooth or Screw Shank Nail (Eave Clip)	19.0	19.0	22.1
	2-10d Smooth or Screw Shank Nails (Field Clip)	35.5	35.5	34.8
	2-10d Smooth or Screw Shank Nails (Eave Clip)	31.9	31.9	32.2
	2-10d Ring Shank Nails[1]	43.0	67.5	50.9
1 Installation with a 4" tile headlap and fasteners are located a min. of 2½" from head of tile.				

Table 5: Attachment Resistance Expressed as a Moment M_f (ft-lbf) for Two Patty Adhesive Set Systems		
Tile Profile	Tile Application	Minimum Attachment Resistance
Entegra Estate 'S' Roof Tile	Adhesive	26.1[3]
2 See manufactures component approval for installation requirements.		
3 Flexible Products Company TileBond Average weight per patty 11.4 grams. Polyfoam Product, Inc. Average weight per patty 8 grams.		

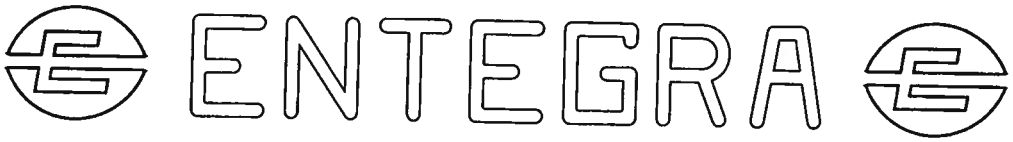
Table 5A: Attachment Resistance Expressed as a Moment - M_f (ft-lbf) for Single Patty Adhesive Set Systems		
Tile Profile	Tile Application	Minimum Attachment Resistance
Entegra Estate 'S' Roof Tile	Polyfoam PolyPro™	86.61[4]
	Polyfoam PolyPro™	45.5[5]
4 Large paddy placement of 54 grams of PolyPro™.		
5 Medium paddy placement of 24 grams of PolyPro™.		

Table 5B: Attachment Resistance Expressed as a Moment - M_f (ft-lbf) for Mortar or Adhesive Set Systems		
Tile Profile	Tile Application	Minimum Attachment Resistance
Entegra Estate 'S' Roof Tile	Mortar Set	20.60

5. LABELING

All tiles shall bear the imprint or identifiable marking of the manufacturer's name or logo **(See Detail Below)**, or following statement: "Miami-Dade County Product Control Approved".

OR



ESTATE "S" TILE LABEL (LOCATED ON UNDERSIDE OF TILE)

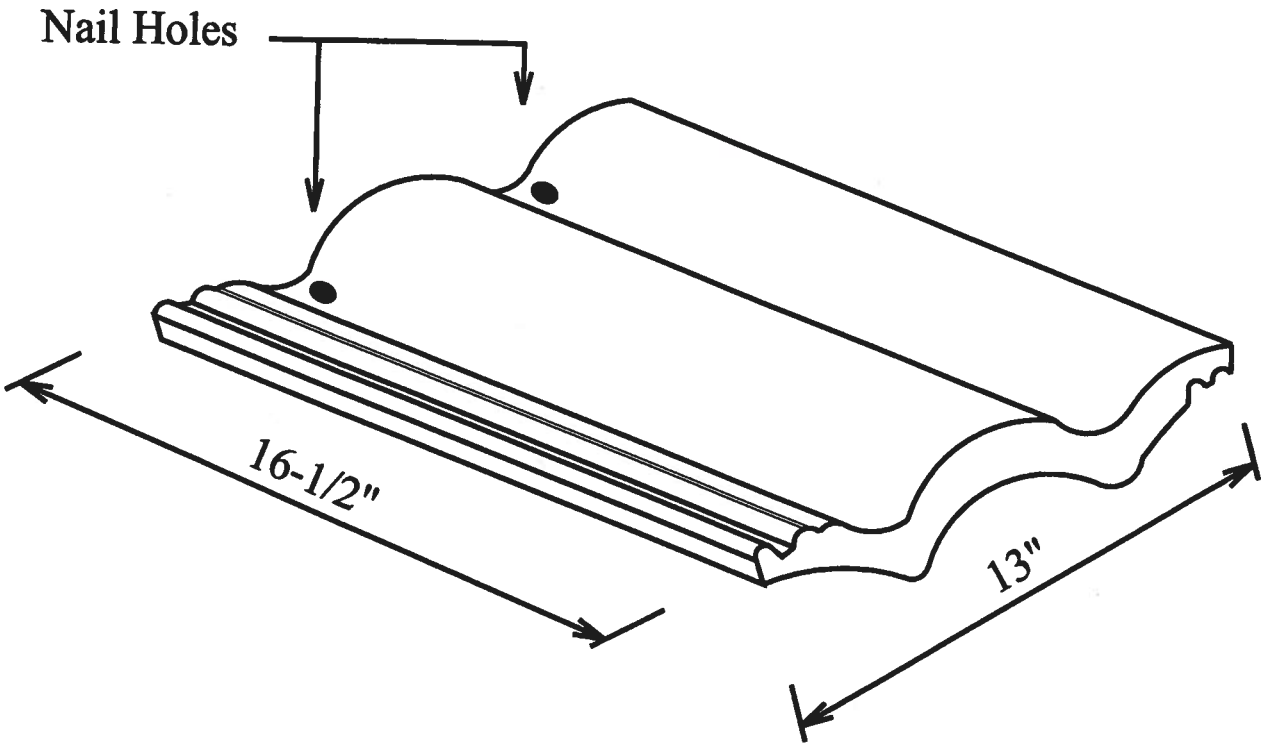
6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

6.1.1 This Notice of Acceptance.

6.1.2 Any other documents required by the Building Official or applicable Building Code in order to properly evaluate the installation of this system.

PROFILE DRAWING



ENTEGRA ESTATE "S" CONCRETE ROOF TILE

END OF THIS ACCEPTANCE

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Clopay Building Products Co.
8585 Duke Blvd.
Mason, OH 45040

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone.

DESCRIPTION: Sectional Garage Door 16'- 2" Wide.

APPROVAL DOCUMENT: Drawing No. 101300, titled "Double Car Hurricane Pan Door", dated 02/15/95 with last revision on 01/06/04, sheets 1 and 2 of 2, prepared by Clopay Building Products Co, signed and sealed by M. W. Westerfield, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimen were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 38000 psi or more shall be used to make door panels for Dade County under this Notice of Acceptance

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 03-0829.05 and consists of this page, evidence page as well as the approval document mentioned above.

The submitted documentation was reviewed by **Candido E. Font PE.**

03/23/06

PRODUCT CONTROL ACCEPTED

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. *Drawing prepared by Clopay Building Products Co., titled "Double Car Hurricane Pan Door", Drawing No. 101300, dated 02/15/95, with last revision on 01/06/2004, sheets 1 through 2 of 2, signed and sealed by M.W. Westerfield, PE.*

B. TESTS

1. *Test report of large missile impact test per PA 201 and cyclic wind pressure test per PA 203 of " Garage Door", prepared by Hurricane Engineering & Testing, Inc., report No. HETI 95-408, dated 01/25/95, signed and sealed by H. M. Medina, PE.*
2. *Test report of Uniform Static Air Pressure Test Per PA 202 on " Garage Door", prepared by Hurricane Engineering & Testing, Inc., report No. HETI 95-407, dated 01/24/95, signed and sealed by H. M. Medina, PE.*
3. *Test report of Forced Entry Resistance per section 3603.2(b)5 on "Garage Door" prepared by Hurricane Engineering Testing, Inc. report No. HETI 95-407f, dated 01/25/95, signed and sealed by H. M. Medina, PE.*

C. CALCULATIONS

1. *Calculations dated 01/20/95; pages 1 and 2, prepared by M. W. Westerfield, PE, signed and sealed by M. W. Westerfield, PE.*
2. *Calculations dated 02/24/95, page 1, prepared M.W. Westerfield, PE, signed and sealed by M.W. Westerfield, PE.*

D. MATERIAL CERTIFICATIONS

1. *Test report of Tensile Test per ASTM E 8, report No. HETI 94-T59, prepared by Hurricane Engineering & Testing, Inc., dated 02/06/95, signed and sealed by H.M. Medina, PE.*
2. *Test report of Salt Spray Test per ASTM D1654 & ASTM B117, report No. 9EM-1144, prepared by Q.C. Metallurgical, Inc., dated 06/03/99, signed and sealed by K. Grate.*

E. STATEMENTS.

1. *Affidavit of yield strength compliance prepared by R. D. Shifflett employed by Clopay Building Products Co., notarized on 01/11/2001 by B. H. Schuler.*

F. QUALITY ASSURANCE.

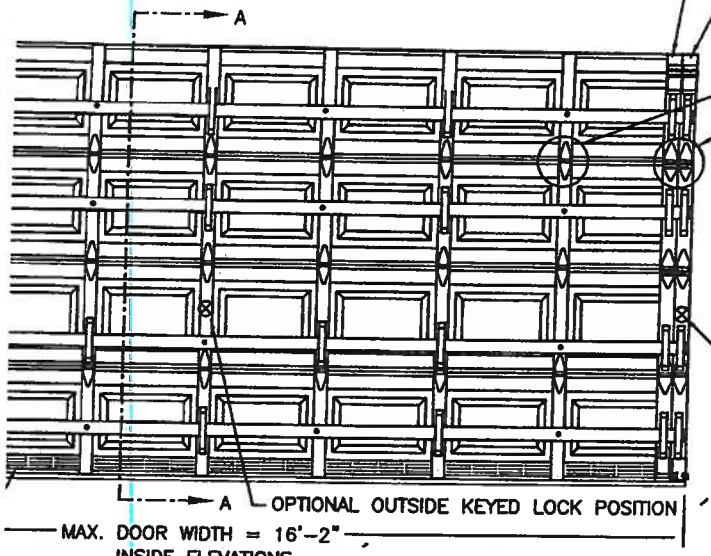
1. *Building Code Compliance Office.*

03/23/06

Candido F. Font, PE.
Senior Product Control Division
NOA No 05-1212.02
Expiration Date: March 26, 2007
Approval Date: March 23, 2006

5	8/25/2003	ADDED EXTE
6	1/6/2004	JAMB ATTACI

PATENTED TOG-L-LOC SYSTEM (TOP & BOT)
NE ADHESIVE (ALONG CENTER)



MAX. DOOR WIDTH = 16'-2"
INSIDE ELEVATIONS

16 GA. PAINTED END STILES ATTACHED TO DOOR SKIN WITH PATENTED TOG-L-LOC SYSTEM (TOP, BOTTOM & CENTER).

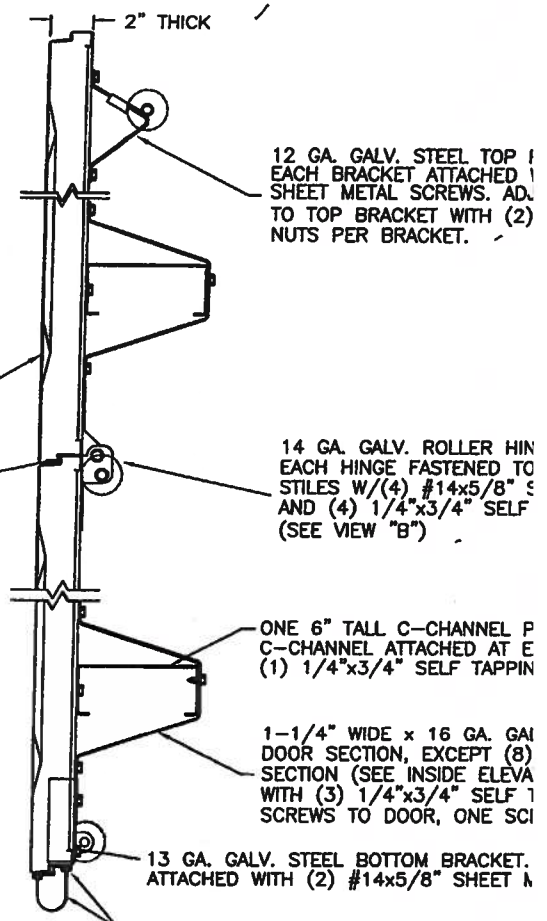
VIEW "C"

VIEW "B"

LOCK POSITION (BOTH SIDES) TWO POINT LOCKING HAS BEEN TESTED PER REQUIREMENTS OF SECTION 12.1 OF TAS 202. LOCKS HAVE 5/8" MIN. ENGAGEMENT. DOOR TESTED FOR FORCED ENTRY WITH BOTH OUTSIDE KEYED LOCK AND INSIDE SLIDE BOLT LOCK OPTIONS (SEE LAYOUT OF EACH LOCK ON NEXT PAGE).

⚠ ⚠ 24 GA. DDS STEEL (MIN. YIELD STRENGTH: 38 KSI) EXTERIOR SKIN WITH G-40 GALVANIZING, BAKED-ON PRIMER AND A BAKED-ON POLYESTER PAINTED TOP COAT APPLIED TO BOTH SIDES OF STEEL SKIN. (ASTM No. A653).

SHIP LAP JOINTS.



SECTION A-A (SIDE VIEW)

HIGH

PANEL, GALV. INTER. STILES
PANEL, PAINTED/GALV. INTER. STILES

83, 84A, 93, 94
IGH
ONTAL TRACK SUPPORT BY
DOOR INSTALLER (TO SUIT)
ANCE SYSTEM

L CONTINUOUS
ANGLE.

OORS ONLY)

URATION

DOOR HEIGHT	"L"
6'-6"	70"
7'-0"	76"
7'-6"	82"
8'-0"	88"

ACK,
.083"

TRACK CONFIGURATION
EXTENDED HEIGHT MODELS H93, H94
DOORS UP TO 12'0" HIGH

CENTER HANG REQUIRED FOR DOORS OVER 8' HIGH

3" GALV. TAPERED STEEL TRACK AND ANGLE, TRACK THICKNESS: .101". ANGLE THICKNESS: .080" .083"

HORIZONTAL TRACK SUPPORT BY DOOR INSTALLER (TO SUIT)

VERTICAL/HORIZONTAL TRACK JUNCTION. TWO 1/4" BOLTS & NUTS FOR EACH TRACK.

14" MAXIMUM SPACING FROM LAST MOUNTING SLOT TO TRACK JUNCTION

ADDITIONAL MOUNTING SLOTS SPACED AT 12" CENTERS.

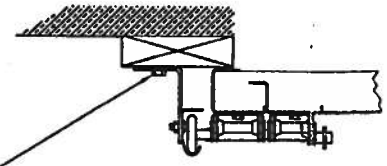
12" ON CENTER

OPENING HEIGHT = DOOR HEIGHT

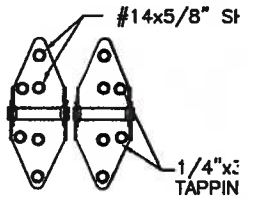
46"
34"
22"
10"
3-1/2"

ONE 1/4" TRACK BOLT AND NUT AT EACH MOUNTING SLOT LOCATION.

DOOR HEIGHT	VERTICAL TRACK LENGTH
9'-0"	96"
10'-0"	108"
12'-0"	132"



ONE 5/16" x 1-5/8" LAG SCREW SPACED AT THE SAME DISTANCES AS THE TRACK BOLTS (I.E. 3-1/2", 10", 22", 34", 46", ETC.). ADDITIONAL LAG SCREWS LOCATED AT 16", 28", & 40" FROM BOTTOM. ALSO TWO LAG SCREWS LOCATED ABOVE VERTICAL/HORIZONTAL TRACK JUNCTION.



14 GA. END HINGES
VIEW "B"

Mark Allen 1/6/04

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F. (MODELS 83, 84A, 93,
DESIGN LOADS: +46.6 P.S.F. & -51.7 P.S.F. (MODELS H93, H94)

UM DESIGN LOAD OF +372.8 LB & −416 LB. PER LINEAR FOOT OF JAMB.
NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

. BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED GRADE
ESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS
3'0" HIGH. STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS
A BUILDING CODE. (4) 2x6 PRESSURE TREATED GRADE #2 OR BETTER
LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING FOR

TE

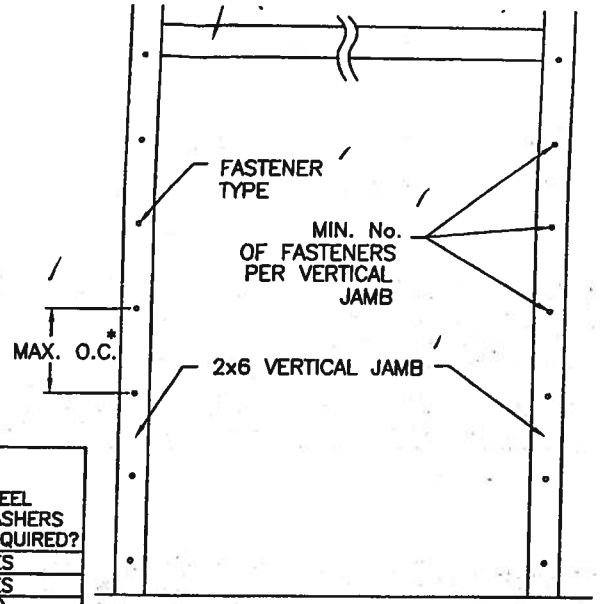
) TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN.
WITH CONCRETE AND REINFORCED WITH #5 BAR EXTENDING
MS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS
NCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE
. OF RECORD AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

SUPPORTING STRUCTURE ATTACHMENT

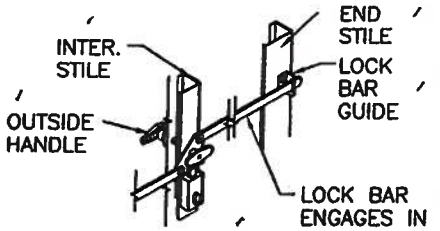
MENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
EMBED LAG SCREW (ASTM A307, GRADE A) 1-1/2" EMBED INTO STRUCTURE	16"	YES
3/4" MIN. EMBED ELCO TAPCON CONCRETE ANCHOR	10"	YES
3/4" MIN. EMBED POWER-STUD EXPANSION ANCHOR (7400 SERIES)	16"	NO
5/4" MIN. EMBED POWER LOK/BOLT ANCHOR BOLT (5000 SERIES)	14"	NO

ANCHOR AND EDGE OF CONCRETE BLOCK: 3", EXCLUDING STUCCO THICKNESS.
NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.
MENT FASTENERS.
IAD HAS BEEN USED IN THE DESIGN OF CONCRETE ANCHORS & WOOD FASTENERS.



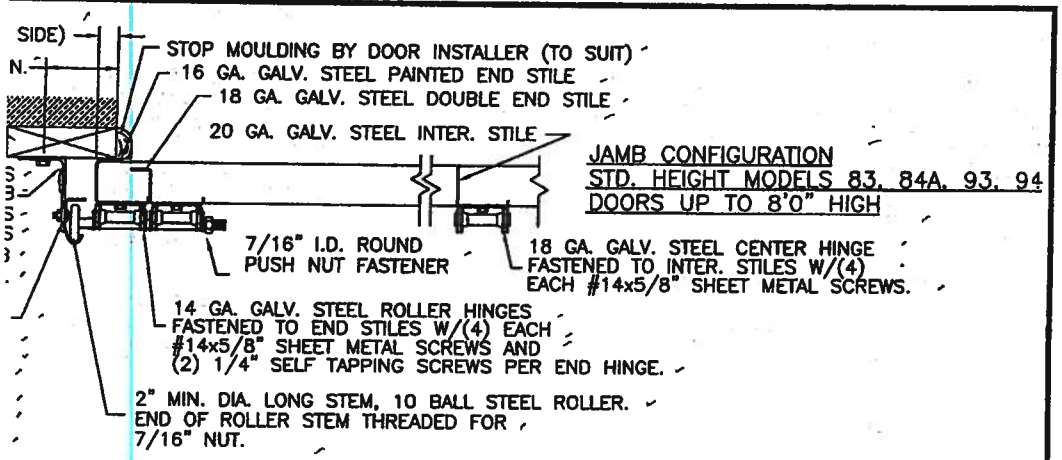
5	8/25/03	ADDED EXTEN
6	1/6/04	JAMB ATTACHM



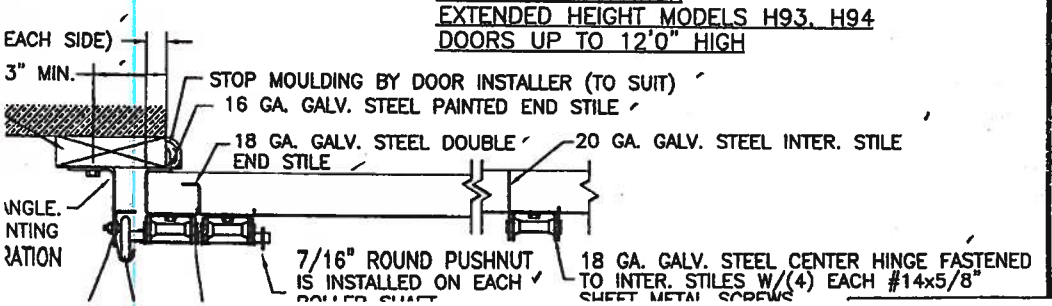
OUTSIDE KEYED LOCK
LOCK BAR LOCKING

INTER.

OUTSIDE KEY
HAND



JAMB CONFIGURATION
STD. HEIGHT MODELS 83, 84A, 93, 94
DOORS UP TO 8'0" HIGH



JAMB CONFIGURATION
EXTENDED HEIGHT MODELS H93, H94
DOORS UP TO 12'0" HIGH

JAMB PREPARATION NOTE

EACH CONTINUOUS ANGLE TRACK SHALL BE FASTENED TO
PINE WOOD JAMBS WITH 5/16"x1-5/8" LAG SCREWS (12
7'0" HIGH AND (13) LAG SCREWS PER SIDE UP TO 8'0"
TO 9'0" HIGH, (15) LAG SCREWS PER SIDE UP TO 10'0"
SIDE UP TO 11'0" HIGH, (17) LAG SCREWS PER SIDE U
ATTACHMENT TO THE SUPPORTING STRUCTURE OF THE PR
SHALL BE APPROVED BY THE PROFESSIONAL OF RECORD
ACCORDANCE WITH CURRENT BUILDING CODES FOR THE L
PREPARATION OF JAMBS BY OTHERS.

ALL MOUNTING OF TRACK, ANGLES, HORIZONTAL TRACK SI
DOOR HARDWARE TO BE INSTALLED PER CLOPAY INSTALLA
SUPPLIED WITH DOOR SYSTEM UNLESS OTHERWISE NOTED

1/6/04

DESIGN ENGINEER
MARK W. WESTERFIELD, P.E.
FLORIDA REGISTRATION No. 48495

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 05-1212.
Expiration Date 05/29/
By
Miami-Dade Product Control
Division

DESIGN LOADS: +46.6 P.S.F. & −52.0 P.S.F. (MODELS 83,
DESIGN LOADS: +46.6 P.S.F. & −51.7 P.S.F. (MODEL H93,

TERMITE SERVICE REPORT

26204

Date: 11/23/2007

Customer Name: John Fwiger Phone #: 386-867-1832 HM1 Work Phone #:

Service Address: 504 Sunnyview St Lake City, FL 32025

Account Number: 01-0003526 Infestation Type: Termite Pretreat Liquid Only Guarantee Type: TPT

Initial Treatment: 1,080.00 Amount Due: 1,080.00 Amount Received: Cash: Check:

Service Covered Thru: Completion Date: 11/23/2007 Renewal Amount: 0.00 Grid #:

I. Bait Activity: ☐ Yes ☐ No # of Stations: Monitoring _____ Bait _____ Next Service Date: _____

II. Service ☑ Initial Treatment ☐ Retreatment ☐ Service Call (No Treatment) ☐ Reinspection ☐ Bait Monitoring ☐ Annual Bait Reinspection

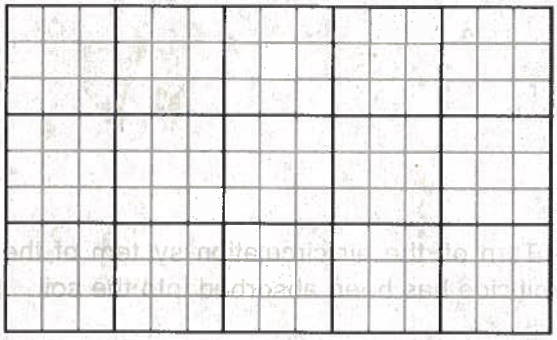
III. Materials Used (Utilize Product Information Key that includes EPA Reg # and Active Ingredient information on back for completion of this section.)

	Product # (From Key)	Amount Applied	Dilution %		Product # (From Key)	Amount Applied	Dilution %
A)	Termidor SC	432 gal	.05	B)			
B)				D)			
C)				F)			

IV. Conducive Conditions

It is important for you to know that certain conditions in and around your home can contribute to Wood Infesting Organisms and can therefore compromise the effectiveness Orkin's treatment. It is very important that you remedy the Conducive Conditions noted below. If you fail to do so, it may, in some cases, jeopardize your agreement; moreover is probable that your home will experience future termite activity and damage, and retreatment by Orkin may not solve the termite problem. This report DOES NOT INCLUDE MOI or any mold-like conditions. Mold is generally not a wood destroying organism and is outside the scope of this report. If you wish your property to be inspected for mold or mold-li conditions, please contact the appropriate mold professional. Please notify us in writing when you have corrected the Conducive Conditions. We identified the following Conduci Condition(s):

☐ Soil above Sill ☐ Cellulose material in contact with ground ☐ Improper Ventilation ☐ Siding/Stucco in contact with grour
☐ Roof Leaks ☐ Excessive Exterior Moisture ☐ Excessive Moisture in Crawl ☐ Treatment disturbed
☐ Cellulose material stored in crawl area ☐ Excessive Interior Moisture ☐ Exterior Insulation Finished System (EIFS) ☐ Other _____



States where applicable:

Wind Direction _____

Wind Velocity _____

Temperature _____

Humidity _____

Time on job _____

Target Pest _____

V. Inspection

A) Performed on (Date): _____ B) Activity Found: ☐ Yes ☑ No Customer Signatu

C) Retreatment Scheduled Date (if needed): _____ D) Customer Home: ☑ Yes ☐ No Orkin Representati

VI. Treatment

Thank you for choosing Orkin

* I understand that additions, or modifications to or around the structure can disturb the termiticide treatment and may require additional inspection and treatment.

The location of these areas are: _____

* This work has been performed to my satisfaction

Customer Signature Date

* **I would like to accept the Valued Customer Savings Program for Pest Control Service.** ☐ Yes ☐ No ☐ NA

Orkin Representative - Full Name

ORKIN EXTERMINATING CO.
2943 WILLISTON RD.
GAINESVILLE, FLA. 32608

CA # (if applicable)

Date

CUSTOMER COPY

Orkin Street Address:

City/State/Zip:

Branch Phone # 352 378-1501

382002 Rev 10/03

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 33-5S-16-03751-218 **Building permit No.** 000026204

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

Permit Holder OWNER BUILDER **Waste:** 184.25

Owner of Building JOHNNY & JOANNA FULGER **Total:** 254.87

Location: 504 SW SUNVIEW STREET, FT. WHITE, FL

Date: 12/01/2008

Wayne A. Russ

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF: Columbia

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

1. Description of Property: Long Legal Attached N/A
   504 SW Sunview Street Ft. White, FL 32038

2. General Description of Improvements: Residential Construction

3. Name and Address of Owner: Johnny Fulger & Joanna Fulger
   504 SW Sunview Street
   Ft. White, FL 32038

   Interest in Property: Fee Simple

   Name and Address of Fee Simple Titleholder (if other than owner): N/A

Inst:200712022035 Date:9/28/2007 Time:3:16 PM
DC,P.DeWitt Cason,Columbia County Page 1 of 2

4. Name and Address of Contractor: Owner/Builder
   504 SW Sunview Street
   Ft. White, Fl 32038

5. Name and Address of Surety on payment bond, if any, and amount of such bond: N/A

   Amount of Bond: $0

6. Name and Address of Lender:

   MERCANTILE BANK, A DIVISION OF CAROLINA FIRST BANK
   425 22nd Avenue North
   St. Petersburg, FL 33704

   Attention: Sara P. Lopez

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

   MERCANTILE BANK, A DIVISION OF CAROLINA FIRST BANK
   425 22nd Avenue North
   St. Petersburg, FL 33704

   Attention: Sara P. Lopez

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

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

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Johnny Fulger Joanna Fulger
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

Signatory's Title/Office _____

The foregoing instrument was acknowledged before me this 28th day of September, 2007 (year) by Johnny Fulger & Joanna Fulger (name of person) as _____ (type of authority), ... e.g. officer, trustee, attorney in fact) for _____ (name of party on behalf of whom instrument was executed).

_____
Signature of Notary Public - State of Florida
Print, Type or Stamp Commissioned Name of Notary Public
Commission Number

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires: 9/17/2010

Personally Known _____ or Produced Identification FL DL

Verification Pursuant to Section 92.525, Florida Statutes

Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

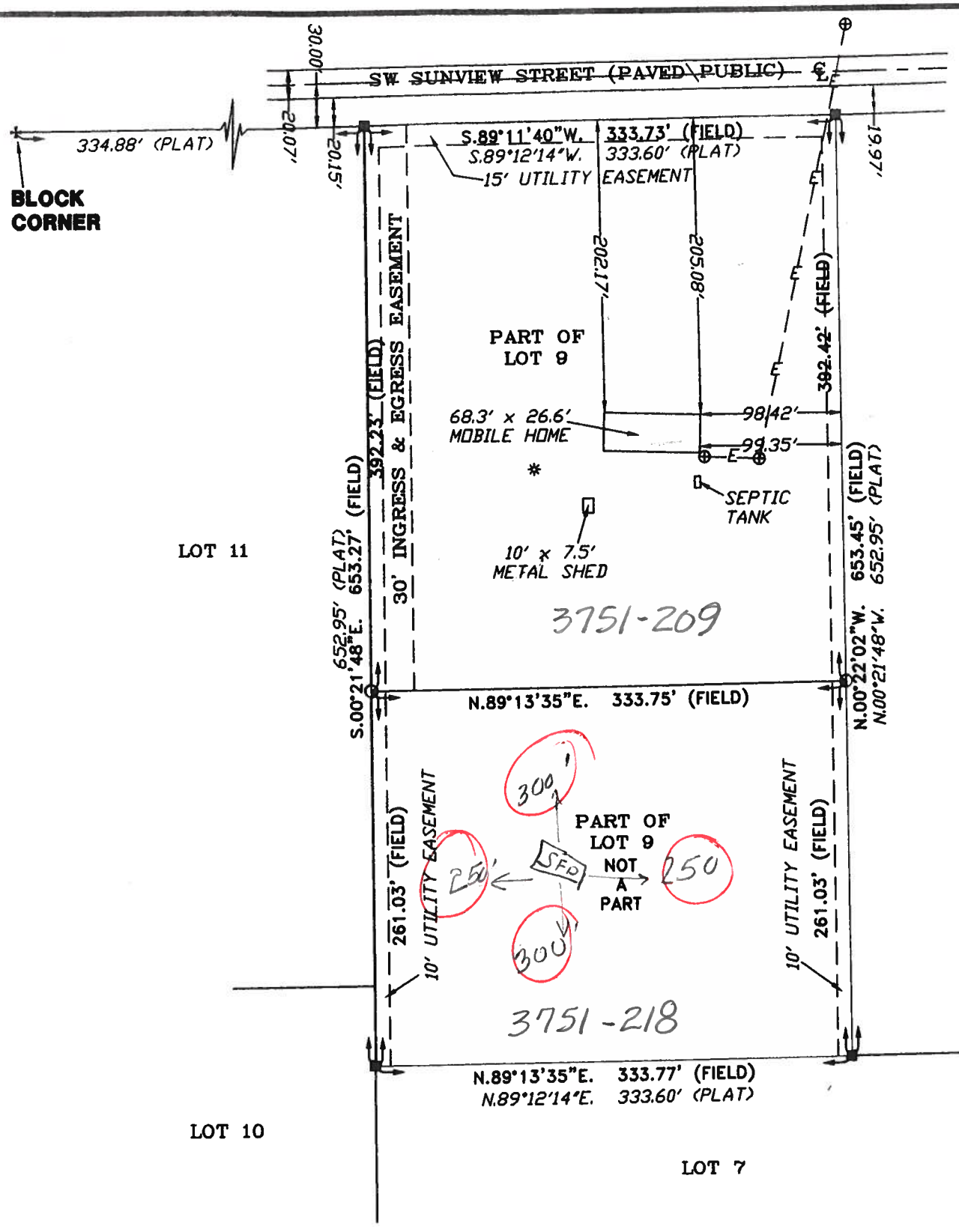
_____
Signature of Natural Person Signing Above

File No. 07-0350/Fulger

LEGAL DESCRIPTION

The South 261.03 feet of Lot 9, "SOUTHWIND", according to the plat thereof, as recorded in Plat Book 6, Page 179, of the Public Records of Columbia County, Florida. Together with an easement for ingress and egress over and across the West 30.00 feet of the North 391.92 feet of Lot 9 of "Southwind" as per plat thereof recorded in Plat Book 6, Page 179, of the Public Records of Columbia County, Florida.

BOUNDARY SURVEY IN SECTION 33, TOWNSHIP 5 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.



NOTE: ALL PROPERTY CORNERS LOCATED ARE IDENTIFIED AS BAILEY, BISHOP & LANE, L.B. 6685.

SCALE: 1" = 100'

SYMBOL LEGEND:

- ■ 4"X4" CONCRETE MONUMENT FOUND
- □ 4"X4" CONCRETE MONUMENT SET
- ● IRON PIPE FOUND
- ○ IRON PIN AND CAP SET
- ⊕ POWER POLE
- ▲ WATER METER
- ℄ CENTERLINE
- ✱ WELL
- SATELLITE DISH
- TELEPHONE BOX
- ---E--- ELECTRIC LINES
- ---X--- WIRE FENCE
- ---o--- CHAIN LINK FENCE
- ---s--- WOODEN FENCE

DESCRIPTION:
LOT 9 OF "SOUTH WIND" AS PER PLAT THEREOF RECORDED RECORDED IN PLAT BOOK 6, PAGE 179 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA. LESS AND EXCEPT THE SOUTH 261.03 FEET THEREOF.
SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE WEST 30.00 FEET THEREOF.

SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD.
3. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 6 JANUARY, 1988 COMMUNITY PANEL NUMBER 120070 0225 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.

CERTIFIED TO:
YOLANDA FULGER

FIELD BOOK: SEE PAGE(S): FILE

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

12/14/06 FIELD SURVEY DATE
12/18/06 DRAWING DATE

L. SCOTT BRITT, P.S.M. CERTIFICATION # 5757

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

BRITT SURVEYING
LAND SURVEYORS AND MAPPERS
830 WEST DUVAL STREET LAKE CITY, FLORIDA 32055
(386)752-7163 FAX (386)752-5573

WORK ORDER # L-18003A