DATE 07/03/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025986

APPLICANT ROXANNE NAPIER PHONE 719-7143

ADDRESS 2109 W US HIGHWAY 90 LAKE CITY FL 32055

OWNER NILESH & RUPAL PATEL PHONE 754-5969

ADDRESS 442 NW FAIRWAY DRIVE LAKE CITY FL 32024

CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143

LOCATION OF PROPERTY 90W, TR ON COMMERCE,GOES INTO FAIRWAY DR.,TL ON CLUB VIEW CIRCLE, 4TH ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 265600.00

HEATED FLOOR AREA 5312.00 TOTAL AREA 6765.00 HEIGHT ____ STORIES 2

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING RSF-2 MAX. HEIGHT 31

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

NO. EX.D.U. 0 FLOOD ZONE A DEVELOPMENT PERMIT NO. ____

PARCEL ID 26-3S-16-02309-028 SUBDIVISION FAIRWAY VIEW

LOT 1 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 1.00

000001413	____	5586	Roxanne Napier
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

WAIVER	X07-277	BK	JH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FINISHED FLOOR TO BE 108.3,ELEV.CONFIRMATION LETTER REQUIRED, GRADE ROADWAY SWALE TO DRAIN, SOD ALL DISTURBED AREAS

NOC ON FILE Check # or Cash 8516

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 $ 1330.00 CERTIFICATION FEE $ 33.83 SURCHARGE FEE $ 33.83

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** 1472.66

INSPECTORS OFFICE ____ CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

CK# 8516
C/C# 8517 - 50

For Office Use Only Application # 0706-08 Date Received 6/4/07 By G Permit # 1413/25986

Application Approved by - Zoning Official BLK Date 06.07.07 Plans Examiner OK JTH Date 6-29-07

Flood Zone A Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res Low Dev.

Comments Resdutil 2005-26R Finished Floor to be 108.3' Elevation Confirmation Required see attached Conditions

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

Name Authorized Person Signing Permit Rayanne Napier Fax 719-4757 Phone 719-7143

Address 2109 W US Hwy 90, Suite 170, PMB #338 Lake City, FL 32055

Owners Name Nilesh + Rupal Patel Phone 754-5969

911 Address 442 NW Fairway DR Lake City, FL 32024

Contractors Name Isaac Construction Phone 719-7143

Address 2109 W US Hwy 90, Suite 170, PMB #338 LC FL 32055

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address Daniel Shoffner/ Mark Disosway

Mortgage Lenders Name & Address First Federal

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

Property ID Number 26-3S-16-02309-028 Estimated Cost of Construction 430,000

Subdivision Name Fairway View Lot 1 Block ____ Unit 28 Phase ____

Driving Directions 90W, TR Commerce, goes into Fairway DR, TL on Club View Circle, 4th on left

Type of Construction wood frame single family dwelling Number of Existing Dwellings on Property 0

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

Actual Distance of Structure from Property Lines - Front 31ft Side 75ft Side 83ft Rear 49ft

Total Building Height 31ft Number of Stories 2 Heated Floor Area 5,312 TOTAL 6,765 Roof Pitch 5:12

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

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

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

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number CBC059323

Competency Card Number

NOTARY STAMP/SEAL

Barbara C Webster
Commission # DD329279
Expires July 2, 2008
Bonded Troy Fain - Insurance, Inc. 800-385-7019

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me this 4th day of June 2007.

Personally known X or Produced Identification ____

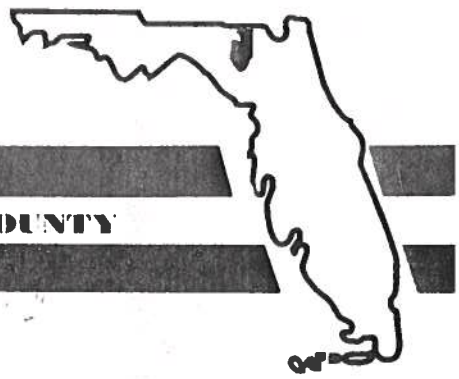
Barbara C Webster

Notary Signature

(Revised Sept. 2006)

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Stephen E. Bailey
District No. 5 - Elizabeth Porter

APPLICANTS COPY OF CONDITIONS



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

MEMORANDUM

Date: 29 June 2007

To: John Colson, P.E., County Engineer

From: Brian L. Kepner, County Planner BK

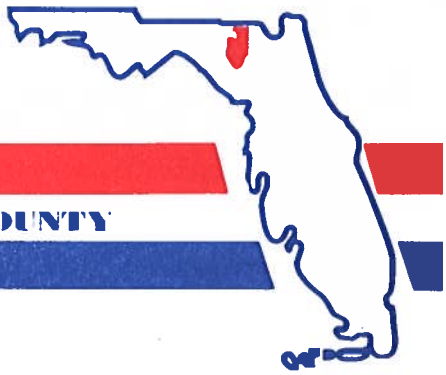
Re: Flood Resolution 2005R-26 pc Jr. Colson

Please find attached the items submitted for Lots 28 and 29, Fairway View, Unit 1 Subdivision. Please review for compliance with Flood Resolution 2005R-26. Thank you.

Has county released utility easement? YES

1. Provide MES on Driveway Culvert.
2. Grade roadway swale to drain and
3. Sod all disturbed areas.
4. Floor Elev of 108.3 approved.

District No. 1 - Ronald Williams
District No. 2 - Dewey Weaver
District No. 3 - George Skinner
District No. 4 - Stephen E. Bailey
District No. 5 - Elizabeth Porter



MEMORANDUM

Date: 29 June 2007

To: John Colson, P.E., County Engineer

From: Brian L. Kepner, County Planner BLK

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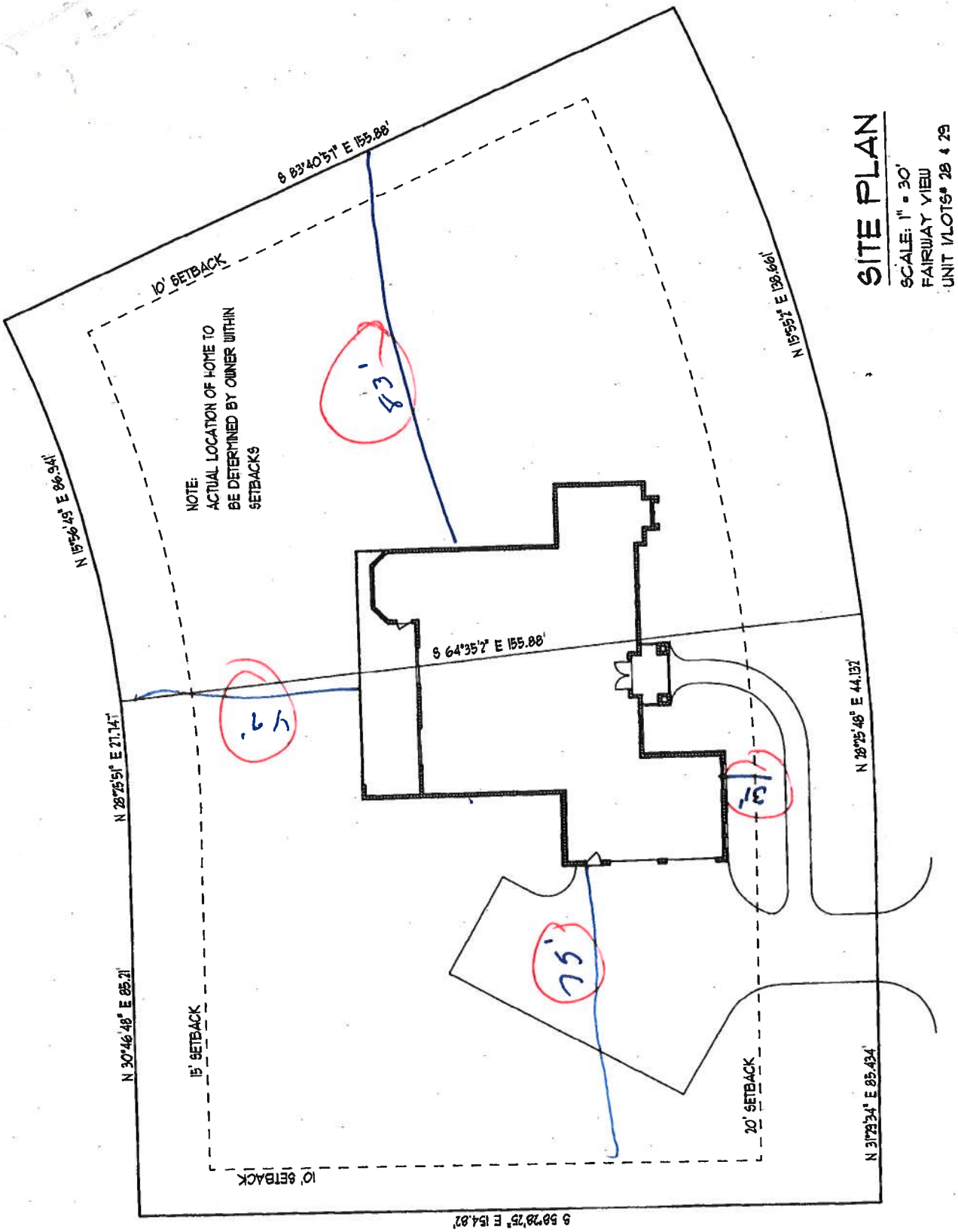
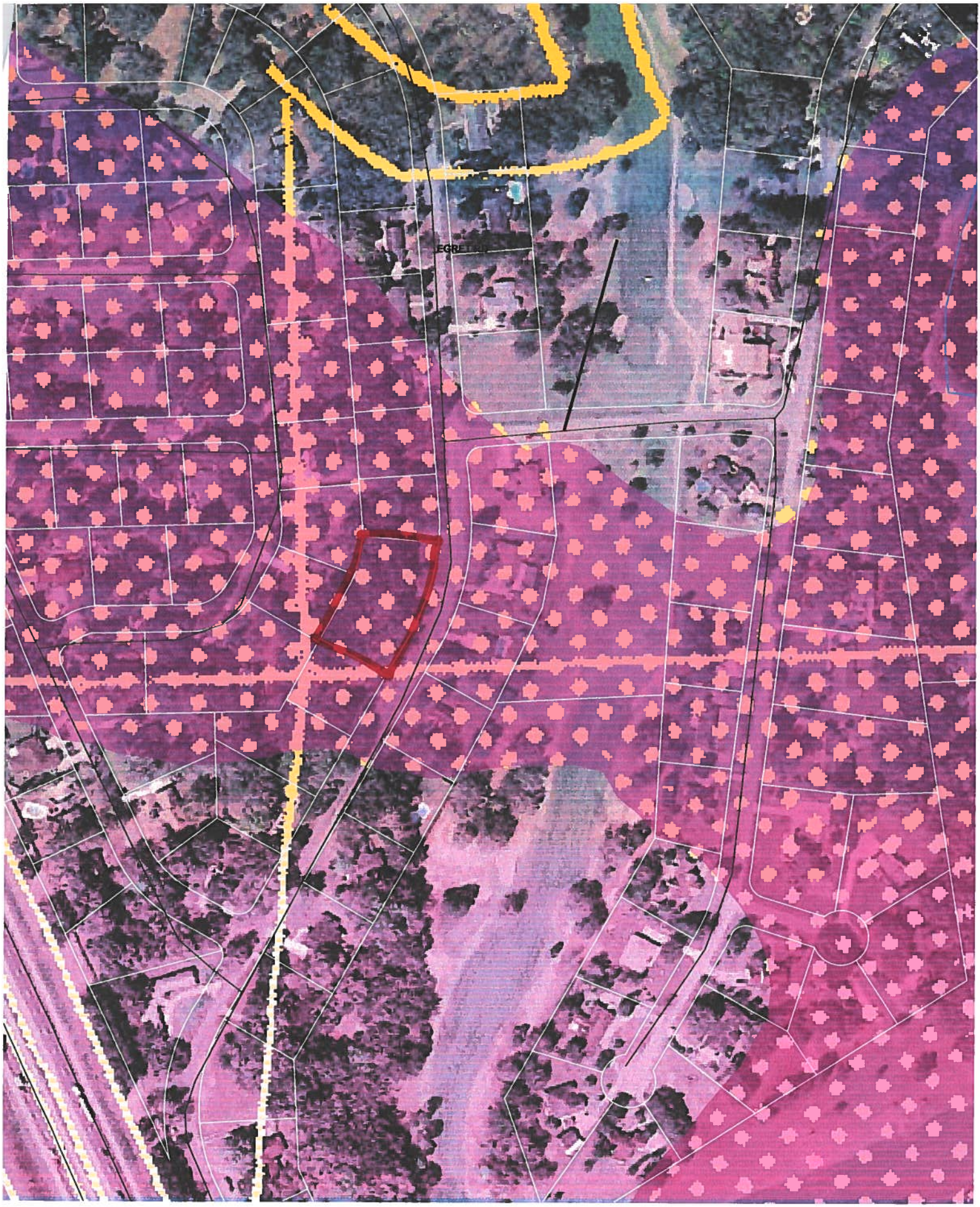
2. Grade roadway swale to drain and
3. Sod all disturbed areas.
4. Floor Elev of 108.3 approved.

Nick Patel


SITE PLAN
SCALE: 1" = 30'
FAIRWAY VIEW
UNIT 1/LOTS# 28 & 29
10' SETBACK
NOTE:
ACTUAL LOCATION OF HOME TO BE DETERMINED BY OWNER WITHIN SETBACKS
S 83°40'51" E 155.88'
N 15°56'49" E 86.94'
N 15°55'1" E 138.66'
S 64°35'2" E 155.88'
N 28°25'51" E 21.74'
N 28°25'48" E 44.13'
N 30°46'48" E 85.21'
N 31°23'34" E 85.43'
15' SETBACK
20' SETBACK
10' SETBACK
S 58°28'25" E 154.81'
43'
47'
31'
75'



0706-08

Columbia County Property Appraiser

DB Last Updated: 4/11/2007

Parcel: 26-3S-16-02309-028

2007 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

<< Prev Search Result: 18 of 28 Next >>

Owner & Property Info

Owner's Name	PATEL NILESH & RUPAL		
Site Address	FAIRWAY VIEW UNIT 1		
Mailing Address	414 SW FLORIDA GATEWAY DR LAKE CITY, FL 32024		
Use Desc. (code)	MISC RES (000700)		
Neighborhood	26316.03	**Tax District**	2
UD Codes	MKTA06	**Market Area**	06
Total Land Area	0.000 ACRES		
Description	LOTS 28 & 29 FAIRWAY VIEW S/D UNIT 1. ORB 455-324, 788-425, 812-999, 984-1816, WD 999-2002 WD 1018-1222.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$59,000.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (1)	$1,000.00
Total Appraised Value		$60,000.00

Just Value	$60,000.00
Class Value	$0.00
Assessed Value	$60,000.00
Exempt Value	$0.00
Total Taxable Value	$60,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
6/11/2004	1018/1222	WD	V	Q		$52,500.00
11/10/2003	999/2002	WD	V	Q		$40,000.00
5/28/2003	984/1816	WD	V	U	03	$100.00

Building Characteristics

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

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0260	PAVEMENT-A	0	$1,000.00	1.000	0 x 0 x 0	(.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000700	MISC RES (MKT)	2.000 LT - (.000AC)	1.00/1.00/1.00/1.00	$29,500.00	$59,000.00

Columbia County Property Appraiser

DB Last Updated: 4/11/2007

<< Prev 18 of 28 Next >>

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

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.

Tax Parcel ID Number 26-35-16-02309-028

1. **Description of property: (legal description of the property and street address or 911 address)** Lots 28 + 29 Fairway View S/D Unit 1, ORB 455-324, 788-425, 812-999, 984-1816, WD 999-2002 WD 1018-1222. (442 NW Fairway Dr.)

2. **General description of improvement:** single family dwelling

3. **Owner Name & Address** Nilesh + Rupal Patel 414 SW FL. Gateway Dr. Lake City, FL 32024 **Interest in Property** _____

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

5. **Contractor Name** Isaac Construction **Phone Number** 719-7143
   Address 2109 W US Hwy 90, Ste 170 PMB #338 Lake City, FL 32055

6. **Surety Holders Name** N/A **Phone Number** _____
   Address _____
   Amount of Bond _____

7. **Lender Name** First Federal **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; Flori**
   Name N/A
   Address _____

Inst:200701560 Date:05/23/2007 Time:13:26
DC,P.DeWitt Cason,Columbia County B:1120 P:144

9. **In addition to himself/herself the owner design** _____ **of** _____ **to receive a copy of the Lienor's 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)** _____

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Signature of Owner

Sworn to (or affirmed) and subscribed before day of May, 23rd, 2007

NOTARY STAMP/SEAL

NOTARY PUBLIC * STATE OF FLORIDA *
Barbara C. Webster
Commission # DD329279
Expires July 2, 2008
Bonded Troy Fain - Insurance, Inc. 800-365-7019

Signature of Notary

This Instrument Prepared by & return to:
Name: administrator, an employee of TITLE OFFICES, LLC
Address: 1089 SW MAIN BLVD. LAKE CITY, FLORIDA 32025
04Y-05043KW
Parcel I.D. #: 02309-028

Inst: [redacted] Date:06/17/2004 Time:09:24
Doc Stamp-Deed : 367.50
DC,P.DeWitt Cason,Columbia County B:1018 P:1222

SPACE ABOVE THIS LINE FOR PROCESSING DATA | *SPACE ABOVE THIS LINE FOR RECORDING DATA*

THIS WARRANTY DEED *Made the 11th day of June, A.D. 2004, by* ***ROBERT B. CHASTEEN*** *and* ***IRMGARD E. CHASTEEN, HIS WIFE,*** *hereinafter called the grantors, to* ***NILESH PATEL*** *and* ***RUPAL PATEL, HIS WIFE;*** *whose post office address is* ***414 SW FLORIDA GATEWAY DRIVE, LAKE CITY, FLORIDA 32024,*** *hereinafter called the grantees:*

(Wherever used herein the terms "grantors" and "grantees" include all the parties to this instrument, singular and plural, the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnesseth: That the grantors, for and in consideration of the sum of $10.00 and other valuable consideration, receipt whereof is hereby acknowledged, do hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the grantees all that certain land situate in ***Columbia County, State of FLORIDA,*** *viz:*

Lots 28 & 29, FAIRWAY VIEW SUBDIVISION, Unit 1, according to the map or plat thereof as recorded in Plat Book 3, Page 97-99, of the Public Records of Columbia County, Florida.

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

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

And *the grantors hereby covenant with said grantees that they are lawfully seized of said land in fee simple; that they have good right and lawful authority to sell and convey said land, and hereby fully warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.*

In Witness Whereof, *the said grantors have signed and sealed these presents, the day and year first above written.*

Signed, sealed and delivered in the presence of:

Mary B. Whitehurst
Witness Signature
MARY B. Whitehurst
Printed Name
Martha Bryan
Witness Signature
MARTHA BRYAN
Printed Name

Robert B. Chasteen *L.S.*
ROBERT B. CHASTEEN
Address: ~~RT. 13, BOX 52,~~ LAKE CITY, FLORIDA 32025
P.O. Box 3686

Irmgard E. Chasteen *L.S.*
IRMGARD E. CHASTEEN
Address: ~~RT. 13, BOX 52, LAKE CITY,~~ FLORIDA 32025
P.O. 3686 32056

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 11th day of June, 2004, by ***ROBERT B. CHASTEEN*** *and* ***IRMGARD E. CHASTEEN,*** *who are known to me or who have produced* [redacted] *as identification.*

Martha Bryan
Notary Public
My commission expires _____

Martha Bryan
MY COMMISSION # DD235534 EXPIRES
August 10, 2007

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 4/24/2007 **DATE ISSUED:** 4/24/2007

ENHANCED 9-1-1 ADDRESS:

442 NW FAIRWAY DR

LAKE CITY FL 32055

PROPERTY APPRAISER PARCEL NUMBER:

26-3S-16-02309-028

Remarks:

LOTS 28 & 29 FAIRWAY VIEW S/D UNIT 1

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.

731

Approved Address

APR 2 4 2007

911Addressing/GIS Dept

>> **Print as PDF** <<

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LOTS 28 & 29 FAIRWAY VIEW S/D      PATEL NILESH & RUPAL          26-3S-16-02309-028              Columbia Cou
UNIT 1. ORB 455-324, 788-425,      414 SW FLORIDA GATEWAY DR
812-999, 984-1816, WD 999-2002     LAKE CITY, FL 32024                          PRINTED  5/11/2007 13:44
WD 1018-1222.                                                                   APPR     9/30/2003 DF

BUSE                          AE?              HTD AREA       .000 INDEX    26316.03 FRWAY VIEW        PUSE  000
MOD                  BATH                      EFF AREA     65.994 E-RATE       .000 INDX   STR  26- 3S- 16
EXW                  FIXT                      RCN                              AYB    MKT AREA 06
   %                 BDRM                      %GOOD               BLDG VAL     EYB    (PUD1
RSTR                 RMS                ----------------------------------------     AC
RCVR                 UNTS               ³FIELD CK:                                ³    NTCD
   %                 C-W%               ³LOC:   FAIRWAY VIEW UNIT 1               ³    APPR CD
INTW                 HGHT               ³                                         ³    CNDO
   %                 PMTR               ³                                         ³    SUBD
FLOR                 STYS               ³                                         ³    BLK
   %                 ECON               ³                                         ³    LOT
HTTP                 FUNC               ³                                         ³    MAP# 69B
A/C                  SPCD               ³                                         ³
QUAL                 DEPR               ³                                         ³    TXDT    002
FNDN                 UD-1               ³                                         ³
SIZE                 UD-2               ³                                         ³ -------------- BLDG TRA
CEIL                 UD-3               ³                                         ³
ARCH                 UD-4               ³                                         ³
FRME                 UD-5               ³                                         ³
KTCH                 UD-6               ³                                         ³
WNDO                 UD-7               ³                                         ³
CLAS                 UD-8               ³                                         ³
OCC                  UD-9               ³                                         ³
COND                   %                ³                                         ³----------------- PERMIT
SUB   A-AREA  %  E-AREA   SUB VALUE      ³                                         ³  NUMBER      DESC
                                         ³                                         ³
                                         ³                                         ³
                                         ³                                         ³ ------------------ SALE
                                         ³                                         ³ BOOK   PAGE     DATE
                                         ³                                         ³   1018   1222  6/11/200
                                         ³                                         ³ GRANTOR CHASTEEN
                                         ³                                         ³ GRANTEE NILESH & RUPAL
                                         ³                                         ³    999   2002 11/10/200
                                         ³                                         ³ GRANTOR TUTTLE
TOTAL                                    ----------------------------------------- GRANTEE ROBERT B & IRMG
-------EXTRA FEATURES---------------------------------- FIELD CK:                  ------------------------
AE BN  CODE      DESC       LEN   WID HGHT QTY QL   YR  ADJ        UNITS UT      PRICE   ADJ UT PR   SPCD %
Y     0260   PAVEMENT-ASP                    1    0000 1.00        1.000 UT    1000.000    1000.000           1
-------------------------------------------------------------------------------------------------------------

    LAND   DESC      ZONE  ROAD (UD1 (UD3 FRONT DEPTH  FIELD CK:
AE  CODE             TOPO  UTIL (UD2 (UD4  BACK   DT     ADJUSTMENTS            UNITS UT      PRICE   ADJ UT PI
Y 000700 MISC RES    00     0003                      1.00 1.00 1.00 1.00       2.000  LT   29500.000    29500.
                            0002 0003
L001 - NEXT TO CITY WATER PUMP (RET POND)              SALE - LOT 28 & 29 FAIRWAY VIEW
SALE - LOTS 28 & 29 FAIRWAY VIEW S/D UNIT 1
 2007
```

ASPEN
PEST CONTROL, INC.

Lake City (386) 755-3611
Gainesville (352) 494-5751
Fax (386) 755-3885
Toll Free 1-800-616-4707

Notice of Intent for Preventative Treatment for Termites

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

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

(Patel) Lot 28 442 NW Fair Way Dr. Lake City, Fl.
Address of Treatment or Lot/Block of Treatment

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

Application onto Structural Wood
Description of Treatment

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

Celia Dryden
Authorized Signature

4/23/07
Date

AC# 2682450

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

SEQ# L0407270053

DATE	BATCH NUMBER	LICENSE NBR
07/27/2006	068008773	CBC059323

The BUILDING CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489, FS.
Expiration date: AUG 31, 2008

BRATKOVICH, ISAAC PAUL
ISAAC CONSTRUCTION
RR 9 BOX 646
LAKE CITY FL 32024-8946

JEB BUSH
GOVERNOR

CLYDE MARSTILLER
SECRETARY

DISPLAY AS REQUIRED BY LAW

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AC# 2682450

CBC059323 07/27/06 068008773

CERTIFIED BUILDING CONTRACTOR
BRATKOVICH, ISAAC PAUL
ISAAC CONSTRUCTION

IS CERTIFIED under the provisions of Ch. 489 FS.
Expiration date: AUG 31, 2008 L0407270053

From: The Columbia County Building & Zoning Department
Plan Review
135 NE Hernando Av.
P.O. Box 1529
Lake City Florida 32056-1529

Reference to a building permit application Number: 0706-08

Isaac Construction Inc., Owners Nilesh Patel Property ID# 26-3s-16-02309-028
On the date of June 7, 2007 application 0706-08 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

Please include application number 0706-08 and when making reference to this application.

This is a plan review for compliance with the Florida Residential Code 2004 only and doesn't make any consideration toward the land use and zoning requirements.

1. Please provide one bathroom on the ground floor which will meet the requirements of the Florida Residential Code section R322.1.1 All new single-family houses, duplexes, triplexes, condominiums and townhouses

shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).

2. The plans indicate that the sum of two stair riser's equal 15.16, plus the sum of one 10" tread equals 25.16. The Florida residential Building Code section R311.5.3.2 Tread depth. The minimum tread depth, exclusive of nosing, shall be not less than 9 inches (229 mm). Treads and risers of stairs shall be permitted to be so proportioned that the sum of two risers and a tread, exclusive of projection of nosing, is not less than 24 inches (610 mm) nor more than 25 inches (635 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm). Winder treads shall have a minimum tread depth of 10 inches (254 mm) measured as above at a point 12 inches (305) mm from the side where the treads are narrower. Winder treads shall have a minimum tread depth of 6 inches (152 mm) at any point. Within any flight of stairs, the greatest winder tread depth at the 12 inch (305 mm) walk line shall not exceed the smallest by more than 3/8 inch (9.5 mm). Due to the complexity of these stair cases please provide shop drawing to insure code compliance.
3. Please verify that the windows glass near all tub areas are tempered glass and comply with section FRC-2004 section R308.4 hazardous locations. Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface. Each pane of glazing installed in hazardous locations as defined in Section R308.4 shall be provided with a manufacturer's or installer's label, designating the type and thickness of glass and the safety glazing standard with which it complies, which is visible in the final installation. The label shall be acid etched, sandblasted, ceramic-fired, embossed mark, or shall be of a type which once applied cannot be removed without being destroyed.
4. Please verify that one window within each bedroom on the second floor will be a emergency escape and rescue opening and will comply with the FBC-2004 Section R310.1.1 Minimum opening area: All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m2). R310.1.2 Minimum opening height: The

minimum net clear opening height shall be 24 inches (610 mm): R310.1.3 Minimum opening width. The minimum net clear opening width shall be 20 inches (508 mm).

5. On the electrical plans identify the main electrical service overcurrent protection device location; include the total amperage rating for this device. An additional overcurrent protection device shall be installed on the exterior of structures to serve as a disconnecting means form the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.
6. On the structural plans have Mr. Disosway provide detail engineered drawing which will show the method to be used to support and secure the floor trim joist to the interior load bearing walls in the rotunda area. Show all supporting beams and joist, along with the required number and sizes of king and jack studs required to support these beams. A meeting with Mr. Disosway was conducted on June 6, 2007 he will provide the required structural information.
7. The area above the garage contains space which may be habitable therefore show compliance with section R309.2 of the code which requires that the garage shall be separated from the residence and its attic area by not less 5/8-inch (15.9 mm) Type X gypsum board or equivalent gypsum board applied to the garage side.

Joe Haltiwanger

Plan Examiner
Columbia County Building
Department

Columbia County, Florida
Planning & Zoning Department

Review of Building Permit for compliance with County's Comprehensive Plan and Land Development Regulations

To: Roxanne Napier **Fax:** 386.719.4757

From: Brian L. Kepner, County Planner **Fax:** 386.758.2160

Number of pages: 4

Date: 12 June 2007

RE: Building Permit Application 0706-08, Nilesh and Pupal Patel

Dear Roxanne:

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) indicate that lots 28 and 29 Fairway View, Unit 1 Subdivision are located within a flood zone A. Columbia County Land Development Regulations (LDR's) require that the finished floor of any structure be one (1) foot above the adjacent road. In addition, it also must comply with Resolution 2005-26R. The major concerns are if any fill is brought in a grading plan must show that once the house is completed it will not adversely impact any adjacent properties. I have attached a copy of Resolution 2005-26R.

If you have any questions concerning this matter, please do not hesitate to contact me at 386.758.1007.

Sincerely,

Brian L. Kepner
Land Development Regulation Administrator,
County Planner

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COLUMBIA COUNTY, FLORIDA
RESOLUTION NO. 2005R-26

A RESOLUTION OF COLUMBIA COUNTY, FLORIDA, PROVIDING FOR ADDITIONAL REQUIREMENTS FOR A DEVELOPMENT PERMIT ON PROPERTY WHICH HAS BEEN IDENTIFIED AS "FLOOD PRONE;" AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, since the hurricane season of 2004, Columbia County has experienced significant flooding and related issues impacting the public health, safety and welfare of the residents and citizens of Columbia County as well as their property; and

WHEREAS, the Board of County Commissioners of Columbia County, Florida, finds it is necessary and in the best interest of Columbia County and its residents and citizens for the protection of the health, safety and welfare, together with the protection of property interests in Columbia County, to provide requirements in addition to those currently set forth in local, state and federal statutes, ordinances, rules and regulations, including but not limited to the Columbia County Comprehensive Plan and Columbia County Land Development Regulations (LDRs), for the application and issuance of a development permit.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF COLUMBIA COUNTY, FLORIDA AS FOLLOWS:

1. Properties, including lots and acreage, which have been identified in Columbia County as "flood prone" shall, in addition to all other local, state and federal requirements, prior to issuance of a development permit through the Columbia County Building Department provide the following:

a. In addition to all other required submittals, the development permit applicant shall file a grading plan for the property proposed to be developed. The grading plan shall be signed and sealed by a Florida registered professional engineer.

b. The grading plan shall delineate proposed changes from natural ground elevation, if any, including the amount of fill material to be added to the site. The grading plan shall clearly demonstrate that the natural flow of water shall not be altered nor will adjacent properties be negatively impacted by the proposed development.

c. The grading plan shall further establish the lowest habitable floor elevation and building location on the lot or acreage.

d. Upon its completion, the applicant shall obtain from a Florida licensed land surveyor and provide to Columbia County certification as to the actual height of the finished floor established by the grading plan.

2. Additionally, all "flood prone" properties shall require written certification by a competent Florida licensed professional or agency stating that the property is not defined as a wetland as defined in the Columbia County Land Development Regulations.

3. The term "flood prone" is defined as those lots, acreage or properties that can be demonstrated on existing FEMA or other maps as flood prone properties which competent personal testimony through affidavit or otherwise establishes the property has a history of flooding which would adversely impact development upon the property.

4. There shall be exempt from the requirements of this Resolution lots, acreage or properties otherwise defined as "flood prone" where the ratio of "non-flood prone" property

(numerator) to the square footage of impervious surface development on the property (denominator) is no less than 3-to-1. However, all other permitting requirements of the County must be satisfied.

5. Any interested party who is subject to these additional permitting requirements and believes they have been inappropriately applied to them may appeal the decision to the Board of County Commissioners of Columbia County. All such appeals must be in writing and mailed to the Board of County Commissioners of Columbia County, Post Office Box 1529, Lake City, Florida 32056-1529. At this time no appeal fee is assessed.

6. This Resolution shall remain in effect until the Board of County Commissioners has approved an appropriate ordinance addressing the flood prone issues of Columbia County or until further action of the Board.

UNANIMOUSLY PASSED AND ADOPTED by the Board of County Commissioners at its regular meeting on the 16th day of June, 2005.

BOARD OF COUNTY COMMISSIONERS
COLUMBIA COUNTY, FLORIDA

By: Jennifer Flinn
Jennifer Flinn, Chairman

ATTEST: P. DeWitt Cason
P. DeWitt Cason, Clerk of Courts

(SEAL)

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**N, Patel Residence**	Builder:	ISAAC Columbia
Address:	**Lot: 28, Sub: Fairway View, Plat:**	Permitting Office:	
City, State:	**Lake City, Fl**	Permit Number:	25986
Owner:	**Nick Patel**	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	5	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	5300 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 369.5 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 369.5 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 256.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 5232.0 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 415.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 3200.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 360.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit	Cap: 36.0 kBtu/hr	
		SEER: 13.00	
b.	Central Unit	Cap: 36.0 kBtu/hr	
		SEER: 13.00	
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 36.0 kBtu/hr	
		HSPF: 7.20	
b.	Electric Heat Pump	Cap: 36.0 kBtu/hr	
		HSPF: 7.20	
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons	
		EF: 0.92	
b.	Electric Resistance	Cap: 50.0 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: 0.11

Total as-built points: 58781
Total base points: 73061

PASS

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

PREPARED BY: _____

DATE: 5-30-07

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

OWNER/AGENT: _____

DATE: 5-30-07

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

BUILDING OFFICIAL: _____

DATE: 5-30-07

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	5300.0	20.04	19118.2	Double, Clear	N	1.5	7.0	58.5	19.20	0.96	1072.7	
				Double, Clear	N	1.5	16.0	36.0	19.20	0.99	687.4	
				Double, Clear	N	6.0	6.0	18.0	19.20	0.71	245.7	
				Double, Clear	N	2.0	7.0	24.0	19.20	0.92	425.0	
				Double, Clear	W	1.5	16.0	25.0	38.52	1.00	958.9	
				Double, Clear	W	1.5	16.0	42.0	38.52	1.00	1610.9	
				Double, Clear	W	1.5	7.0	36.0	38.52	0.94	1302.2	
				Double, Clear	W	1.5	5.0	8.0	38.52	0.88	269.8	
				Double, Clear	S	10.0	8.0	40.0	35.87	0.49	702.3	
				Double, Clear	S	10.0	8.0	56.0	35.87	0.49	983.2	
				Double, Clear	S	1.5	6.0	120.0	35.87	0.86	3685.0	
				Double, Clear	E	1.5	16.0	20.0	42.06	1.00	837.1	
				Double, Clear	E	1.5	7.0	36.0	42.06	0.94	1420.9	
				Double, Clear	E	1.5	6.0	20.0	42.06	0.91	767.9	
				Double, Clear	N	1.5	5.0	36.0	19.20	0.92	632.8	
				As-Built Total:				**575.5**			**15601.7**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	415.0	0.70	290.5	Frame, Wood, Exterior	13.0	5232.0	1.50	7848.0
Exterior	5232.0	1.70	8894.4	Frame, Wood, Adjacent	13.0	415.0	0.60	249.0
Base Total:	**5647.0**		**9184.9**	**As-Built Total:**		**5647.0**		**8097.0**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	Exterior Insulated	40.0	4.10	164.0
Exterior	189.0	6.10	1152.9	Exterior Insulated	96.0	4.10	393.6
				Exterior Insulated	20.0	4.10	82.0
				Adjacent Insulated	20.0	1.60	32.0
				Exterior Insulated	33.0	4.10	135.3
Base Total:	**209.0**		**1200.9**	**As-Built Total:**	**209.0**		**806.9**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	3200.0	1.73	5536.0	Under Attic	30.0	3200.0	1.73 X 1.00	5536.0
Base Total:	**3200.0**		**5536.0**	**As-Built Total:**		**3200.0**		**5536.0**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,** PERMIT #:

BASE					AS-BUILT						
FLOOR TYPES	Area X	BSPM	=	Points	Type	R-Value	Area X	SPM	=	Points
Slab	256.0(p)	-37.0		-9472.0	Slab-On-Grade Edge Insulation	0.0	256.0(p	-41.20		-10547.2
Raised	0.0	0.00		0.0						
Base Total:				**-9472.0**	**As-Built Total:**		**256.0**			**-10547.2**
INFILTRATION	Area X	BSPM	=	Points			Area X	SPM	=	Points
	5300.0	10.21		54113.0			5300.0	10.21		54113.0
Summer Base Points: 79681.0					**Summer As-Built Points:**					**73607.4**
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 36000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)					
					73607	0.50	(1.09 x 1.147 x 0.91)	0.263	1.000	10993.0
					(sys 2: Central Unit 36000 btuh ,SEER/EFF(13.0) Ducts: None					
					73607	0.50	(1.00 x 1.147 x 1.00	0.263	1.000	10993.0
79681.0	**0.4266**		**33991.9**		**73607.4**	**1.00**	**1.138**	**0.263**	**1.000**	**21986.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,** PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	5300.0	12.74	12154.0	Double, Clear	N	1.5	7.0	58.5	24.58	1.00	1440.0	
				Double, Clear	N	1.5	16.0	36.0	24.58	1.00	884.6	
				Double, Clear	N	6.0	6.0	18.0	24.58	1.02	450.5	
				Double, Clear	N	2.0	7.0	24.0	24.58	1.00	591.8	
				Double, Clear	W	1.5	16.0	25.0	20.73	1.00	518.9	
				Double, Clear	W	1.5	16.0	42.0	20.73	1.00	871.8	
				Double, Clear	W	1.5	7.0	36.0	20.73	1.02	758.5	
				Double, Clear	W	1.5	5.0	8.0	20.73	1.03	171.6	
				Double, Clear	S	10.0	8.0	40.0	13.30	3.09	1641.7	
				Double, Clear	S	10.0	8.0	56.0	13.30	3.09	2298.3	
				Double, Clear	S	1.5	6.0	120.0	13.30	1.12	1783.3	
				Double, Clear	E	1.5	16.0	20.0	18.79	1.01	378.1	
				Double, Clear	E	1.5	7.0	36.0	18.79	1.03	694.5	
				Double, Clear	E	1.5	6.0	20.0	18.79	1.04	389.2	
				Double, Clear	N	1.5	5.0	36.0	24.58	1.00	888.1	
				As-Built Total:				**575.5**			**13760.9**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Adjacent	415.0	3.60	1494.0	Frame, Wood, Exterior			13.0	5232.0	3.40		17788.8	
Exterior	5232.0	3.70	19358.4	Frame, Wood, Adjacent			13.0	415.0	3.30		1369.5	
Base Total:	**5647.0**		**20852.4**	**As-Built Total:**				**5647.0**			**19158.3**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Adjacent	20.0	11.50	230.0	Exterior Insulated				40.0	8.40		336.0	
Exterior	189.0	12.30	2324.7	Exterior Insulated				96.0	8.40		806.4	
				Exterior Insulated				20.0	8.40		168.0	
				Adjacent Insulated				20.0	8.00		160.0	
				Exterior Insulated				33.0	8.40		277.2	
Base Total:	**209.0**		**2554.7**	**As-Built Total:**				**209.0**			**1747.6**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X	WCM =	Points	
Under Attic	3200.0	2.05	6560.0	Under Attic			30.0	3200.0	2.05 X	1.00	6560.0	
Base Total:	**3200.0**		**6560.0**	**As-Built Total:**				**3200.0**			**6560.0**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,** PERMIT #:

BASE				AS-BUILT					
FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	=	Points
Slab	256.0(p)	8.9	2278.4	Slab-On-Grade Edge Insulation	0.0	256.0(p	18.80		4812.8
Raised	0.0	0.00	0.0						
Base Total:			2278.4	**As-Built Total:**		256.0			4812.8
INFILTRATION	Area X	BWPM	= Points			Area X	WPM	=	Points
	5300.0	-0.59	-3127.0			5300.0	-0.59		-3127.0
Winter Base Points:			41272.5	**Winter As-Built Points:**					42912.6
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 36000 btuh ,EFF(7.2) Ducts:Unc(S),Unc(R),Int(AH),R6.0					
				42912.6	0.500	(1.069 x 1.169 x 0.93)	0.474	1.000	11810.1
				(sys 2: Electric Heat Pump 36000 btuh ,EFF(7.2) Ducts: None					
				42912.6	0.500	(1.00 x 1.169 x 1.00)	0.474	1.000	11810.1
41272.5	**0.6274**		**25894.3**	**42912.6**	**1.00**	**1.162**	**0.474**	**1.000**	**23620.1**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,** PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X Multiplier	= Total		Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
5	2635.00	13175.0		50.0	0.92	5	0.50	2635.00	1.00	6587.5	
				50.0	0.92	5	0.50	2635.00	1.00	6587.5	
				As-Built Total:						**13175.0**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
33992	**25894**	**13175**	**73061**	**21986**	**23620**	**13175**	**58781**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,** PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

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

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

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 86.1

The higher the score, the more efficient the home.

Nick Patel, Lot: 28, Sub: Fairway View, Plat: , Lake City, Fl,

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	5	
5.	Is this a worst case?	No	
6.	Conditioned floor area (ft²)	5300 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 369.5 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 369.5 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 256.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=13.0, 5232.0 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 415.0 ft²	
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=30.0, 3200.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 360.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit	Cap: 36.0 kBtu/hr	
		SEER: 13.00	
b.	Central Unit	Cap: 36.0 kBtu/hr	
		SEER: 13.00	
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 36.0 kBtu/hr	
		HSPF: 7.20	
b.	Electric Heat Pump	Cap: 36.0 kBtu/hr	
		HSPF: 7.20	
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons	
		EF: 0.92	
b.	Electric Resistance	Cap: 50.0 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)		

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.

Attn: Maggie

Columbia County Building Department
Culvert Waiver

Culvert Waiver No. 000001413

DATE: 07/03/2007 BUILDING PERMIT NO. 25986

APPLICANT ROXANNE NAPIER PHONE 719-7143

ADDRESS 2109 W US HIGHWAY 90 LAKE CITY FL 32055

OWNER NILESH & RUPAL PATEL PHONE 754-5969

ADDRESS 442 NW FAIRWAY DRIVE LAKE CITY FL 32024

CONTRACTOR ISAAC CONSTRUCTION PHONE 719-7143

LOCATION OF PROPERTY 90W, TR ON COMERCE, GOES INTO FAIRWAY DR.,TL ON CLUB VIEW CIRCLE, 4TH ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT FAIRWAY VIEW 1

PARCEL ID # 26-3S-16-02309-028

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

SIGNATURE: Roxanne Napier

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

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

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: _____ DATE: 7-10-07

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

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

RECEIVED
JUL 05 2007
By _____

COLUMBIA COUNTY GATEWAY TO FLORIDA

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525

This form is completed by the licensed Pest Control Company.

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

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

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

25986

Section 1: General Information (Treating Company Information) Isaac Const Patel

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB102478 Company Phone No. 386-755-9811
FHA/VA Case No. (if any)

Section 2: Builder Information

Company Name: Nick Patel Company Phone No.

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Country Club

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other
Approximate Depth of Footing: Outside 12 Inside 36 Type of Fill Dirt

Section 4: Treatment Information

Date(s) of Treatment(s) 7-31-07
Brand Name of Product(s) Used Biflex
EPA Registration No. 53883-149
Approximate Final Mix Solution % .06
Approximate Size of Treatment Area: Sq. ft. 4254 Linear ft. 466 Linear ft. of Masonry Voids
Approximate Total Gallons of Solution Applied 1164
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No Upon Completion

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List)
Comments Treated Monolithic Garage + Porches

Name of Applicator(s) Steve Brannon Certification No. (if required by State law) JF104376

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

Authorized Signature Steve Brannon Date 7-31-07

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

Donald F. Lee & Associates, Inc.

Surveyors & Engineers

25986

140 NW Ridgewood Avenue
Lake City, Florida 32055
(386) 755-6166
Fax (386) 755-6167
donald@dfla.com

Wednesday, September 05, 2007

TO: Columbia County Building Department

CC: Isaac Construction

RE: Foundation Floor Elevation Check – Lots 28 & 29, Fairway View Unit 1

Elevations (based on local benchmarks) were obtained on a foundation under construction on the above referenced lots. The results are as follows:

House Floor (at stemwall): 108.76'

Garage Floor (at stemwall): 106.85'

Benchmarks used for the survey (NAVD88 datum) reflect the same datum used, by this company, for the original design survey.

SUGNED: Timothy A Delbene

Timothy A. Delbene, PLS
Florida Reg. Cert. No. 5594

DATE: 9/5/2007

25986

Mark Disosway, P.E.
POB 868, Lake City, FL 32056, Ph (386) 754-5419, Fax (386) 269-4871

November 16, 2007

Columbia County Building Department

Re: Patel, Nick Residence, 442 NW Fairway Drive Lake City, Florida 32055

Dear Building Official:

This letter is in reference to framing inspection issues at the above referenced house.

- The plans call for META truss straps embedded in the bond beam at the top of the wall. ½" anchor bolts were embedded in the bond beam instead of the META straps and a PT sill plate bolted to the top of the wall.
    - Please accept this letter as addendum to the plans to place a 2x8 PT sill anchored to the bond beam with ½" x 8" anchor bolts and 2" washers at 4'OC. Attach trusses to the sill plate with 4 - .131x3.25" toe nails and 1 – H3, 8 - .131 x 1.5" when uplift stated by truss mfg is up to 415 lb or 2 – H3 up to 830 lb or 3 – H3 up to 1245 lb or 4 – H3 up to 1660 lb. Add an extra anchor bolt where uplift exceeds 1500 lb in 4' interval or attach truss directly to wall.
    - The three ply LVL over the garage was anchored with a ½" threaded rod with 9" embedment into bond beam to satisfy the plan requirement of 2000 lb uplift. This was difficult to inspect but was noted with a Sharpie on the wall below each end of the beam.
    - Since the porch floor joists rest on a beam with unanchored top plate, use an H2.5T nailed with minimum 3 - .131 x 1.5" nails to the bottom flange of the joist and to the LVL beam. Cleat at Woodford Plywood recommended nailing the strap to the bottom flange of the I-Joist and stated the web would not pull out with up to 500 lb uplift.

16 NOV 07

Mark Disosway, PE
Florida Registered Professional Engineer

Cc Ben Lofstrom, Isaac Construction

Note: This letter is to address the noted plans discrepancies only. I did a walk thru inspection of straps and anchors on 15Nov07 and only the porch floor joist straps were missing. I did not do a thorough framing inspection.
Unsolicited side note: Floor joists should always be blocked, bridged, or attached to rim joists over all bearing points to prevent overturning. See manufacturer's requirements for pre-engineered members or code requirements for dimension lumber.

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 26-3S-16-02309-028 **Building permit No.** 000025986

Use Classification SFD,UTILITY **Fire:** 38.52

Permit Holder ISAAC CONSTRUCTION **Waste:** 100.50

Owner of Building NILESH & RUPAL PATEL **Total:** 139.02

Location: 442 NW FAIRWAY DRIVE, LAKE CITY, FL

Date: 04/25/2008

Wayne A. Russ

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

Residential System Sizing Calculation

Summary

Nick Patel

Lake City, Fl

Project Title:
N, Patel Residence

Code Only
Professional Version
Climate: North

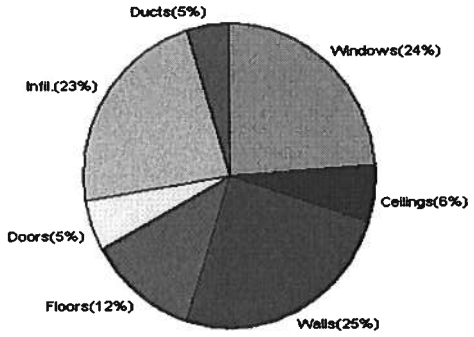
5/30/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**67473**	**Btuh**	**Total cooling load calculation**	**70034**	**Btuh**
Submitted heating capacity	72000	Btuh	Submitted cooling capacity	72000	Btuh
Submitted as % of calculated	106.7	%	Submitted as % of calculated	102.8	%

WINTER CALCULATIONS

Winter Heating Load (for 5300 sqft)

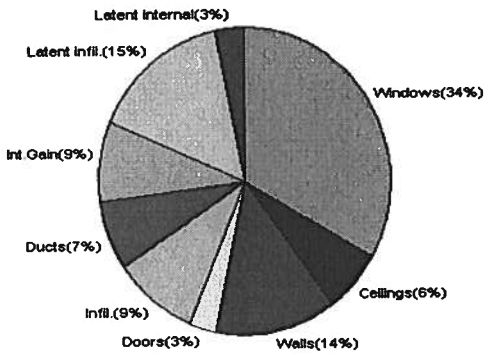
Load component			Load	
Window total	576	sqft	16287	Btuh
Wall total	5647	sqft	16883	Btuh
Door total	209	sqft	3652	Btuh
Ceiling total	3200	sqft	4160	Btuh
Floor total	256	ft	8090	Btuh
Infiltration	354	cfm	15188	Btuh
Subtotal			**64260**	**Btuh**
Duct loss			3213	Btuh
TOTAL HEAT LOSS			**67473**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 5300 sqft)

Load component			Load	
Window total	576	sqft	23477	Btuh
Wall total	5647	sqft	9535	Btuh
Door total	209	sqft	2119	Btuh
Ceiling total	3200	sqft	4544	Btuh
Floor total			0	Btuh
Infiltration	310	cfm	6134	Btuh
Internal gain			6000	Btuh
Subtotal(sensible)			**51810**	**Btuh**
Duct gain			5181	Btuh
Total sensible gain			**56990**	**Btuh**
Latent gain(infiltration)			10743	Btuh
Latent gain(internal)			2300	Btuh
Total latent gain			**13043**	**Btuh**
TOTAL HEAT GAIN			**70034**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: _____

DATE: 5-30-07

System Sizing Calculations - Winter

Residential Load - Component Details

Nick Patel

Lake City, Fl

Project Title:
N, Patel Residence

Code Only
Professional Version
Climate: North

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

5/30/2007

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	58.5	28.3	1656 Btuh
2	2, Clear, Metal, DEF	N	36.0	28.3	1019 Btuh
3	2, Clear, Metal, DEF	N	18.0	28.3	509 Btuh
4	2, Clear, Metal, DEF	N	24.0	28.3	679 Btuh
5	2, Clear, Metal, DEF	W	25.0	28.3	708 Btuh
6	2, Clear, Metal, DEF	W	42.0	28.3	1189 Btuh
7	2, Clear, Metal, DEF	W	36.0	28.3	1019 Btuh
8	2, Clear, Metal, DEF	W	8.0	28.3	226 Btuh
9	2, Clear, Metal, DEF	S	40.0	28.3	1132 Btuh
10	2, Clear, Metal, DEF	S	56.0	28.3	1585 Btuh
11	2, Clear, Metal, DEF	S	120.0	28.3	3396 Btuh
12	2, Clear, Metal, DEF	E	20.0	28.3	566 Btuh
13	2, Clear, Metal, DEF	E	36.0	28.3	1019 Btuh
14	2, Clear, Metal, DEF	E	20.0	28.3	566 Btuh
15	2, Clear, Metal, DEF	N	36.0	28.3	1019 Btuh
	Window Total		576		16287 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	13.0	5232	3.1	16219 Btuh
2	Frame - Adjacent	13.0	415	1.6	664 Btuh
	Wall Total		5647		16883 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		40	18.3	733 Btuh
2	Insulated - Exter		96	18.3	1760 Btuh
3	Insulated - Exter		20	18.3	367 Btuh
4	Insulated - Adjac		20	9.4	188 Btuh
5	Insulated - Exter		33	18.3	605 Btuh
	Door Total		209		3652Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	3200	1.3	4160 Btuh
	Ceiling Total		3200		4160Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	256.0 ft(p)	31.6	8090 Btuh
	Floor Total		256		8090 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	53000(sqft)	354	15188 Btuh
	Mechanical			0	0 Btuh
	Infiltration Total			354	15188 Btuh

Totals for Heating	**Subtotal**	**64260 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**3213 Btuh**
	EnergyGauge® FLRCPB v3.2	
	Total Btuh Loss	**67473 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Nick Patel

Lake City, Fl

Project Title:
N, Patel Residence

Code Only
Professional Version
Climate: North

5/30/2007

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

System Sizing Calculations - Summer

Residential Load - Component Details

Nick Patel

Lake City, Fl

Project Title:
N, Patel Residence

Code Only
Professional Version
Climate: North

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

5/30/2007

Window	Type Panes/SHGC/U/InSh/ExSh Ornt		Overhang Len	 Hgt	Window Area(sqft) Gross	 Shaded	 Unshaded	HTM Shaded	 Unshaded	Load	
1	2, Clear, DEF, N, N	N	1.5	7	58.5	0.0	58.5	22	22	1287	Btuh
2	2, Clear, DEF, N, N	N	1.5	16	36.0	0.0	36.0	22	22	792	Btuh
3	2, Clear, DEF, N, N	N	6	6	18.0	0.0	18.0	22	22	396	Btuh
4	2, Clear, DEF, N, N	N	2	7	24.0	0.0	24.0	22	22	528	Btuh
5	2, Clear, DEF, N, N	W	1.5	16	25.0	0.0	25.0	22	72	1800	Btuh
6	2, Clear, DEF, N, N	W	1.5	16	42.0	0.0	42.0	22	72	3024	Btuh
7	2, Clear, DEF, N, N	W	1.5	7	36.0	1.5	34.5	22	72	2518	Btuh
8	2, Clear, DEF, N, N	W	1.5	5	8.0	0.5	7.5	22	72	552	Btuh
9	2, Clear, DEF, N, N	S	10	8	40.0	20.0	20.0	22	37	1180	Btuh
10	2, Clear, DEF, N, N	S	10	8	56.0	56.0	0.0	22	37	1232	Btuh
11	2, Clear, DEF, N, N	S	1.5	6	120.0	30.0	90.0	22	37	3990	Btuh
12	2, Clear, DEF, N, N	E	1.5	16	20.0	0.0	20.0	22	72	1440	Btuh
13	2, Clear, DEF, N, N	E	1.5	7	36.0	0.7	35.3	22	72	2555	Btuh
14	2, Clear, DEF, N, N	E	1.5	6	20.0	1.0	19.0	22	72	1391	Btuh
15	2, Clear, DEF, N, N	N	1.5	5	36.0	0.0	36.0	22	22	792	Btuh
	Window Total				576					23477	Btuh

Walls	Type	R-Value	Area	HTM	Load	
1	Frame - Exterior	13.0	5232.0	1.7	9104	Btuh
2	Frame - Adjacent	13.0	415.0	1.0	432	Btuh
	Wall Total		5647.0		9535	Btuh

Doors	Type	Area	HTM	Load	
1	Insulated - Exter	40.0	10.1	406	Btuh
2	Insulated - Exter	96.0	10.1	973	Btuh
3	Insulated - Exter	20.0	10.1	203	Btuh
4	Insulated - Adjac	20.0	10.1	203	Btuh
5	Insulated - Exter	33.0	10.1	335	Btuh
	Door Total	209.0		2119	Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load	
1	Under Attic/Dark	30.0	3200.0	1.4	4544	Btuh
	Ceiling Total		3200.0		4544	Btuh

Floors	Type	R-Value	Size	HTM	Load	
1	Slab-On-Grade Edge Insulation	0.0	256.0 ft(p)	0.0	0	Btuh
	Floor Total		256.0		0	Btuh

Infiltration	Type	ACH	Volume	CFM=	Load	
	Natural	0.35	53000	309.8	6134	Btuh
	Mechanical			0	0	Btuh
	Infiltration Total			310	6134	Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load	
	10	X 300	+	3000	6000	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Nick Patel

Lake City, Fl

Project Title:
N, Patel Residence

Code Only
Professional Version
Climate: North

5/30/2007

Totals for Cooling	**Subtotal**	**51810**	**Btuh**
	Duct gain(using duct multiplier of 0.10)	**5181**	**Btuh**
	Total sensible gain	**56990**	**Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**10743**	**Btuh**
	Latent occupant gain (10 people @ 230 Btuh per person)	**2300**	**Btuh**
	Latent other gain	**0**	**Btuh**
	TOTAL GAIN	**70034**	**Btuh**

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

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number
1. EXTERIOR DOORS			
A. SWINGING	PlastPRO, INC	3068 + 6068 Fiberglass	4760.1 & 2
B. SLIDING	CAPital	8068	7055.1
C. SECTIONAL	Raynor	Classic Sectional Garage Door	FL-3070
D. ROLL UP	Janus	Model 3100 - Rolling Sheet Door	FL-2274
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	CAPital	48x84	6029.7
B. HORIZONTAL SLIDER	CAPital	126x59	6024.4
C. CASEMENT			
D. DOUBLE HUNG	Davrid	Single Hung windows	FL1369
E. FIXED	CAPital	96x72	6028.20
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	Alcoa	vinyl siding	FL1621
B. SOFFITS	ASI Building Pro.	Aluminum & vinyl soffit	FL5546 1 & 2
C. EIFS			
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	TAMKO	30-YEAR Shingles Asphalt	FL673
B. UNDERLAYMENTS			
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			

I. BUILT UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF SYSTEMS			
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES COATINGS			

Category/Subcategory	Manufacturer	Product Description	Approval Number
N. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	Simpson Strong	Wood connectors/anchors	FL1474
B. TRUSS PLATES	Alpine Engineered	ProBuilt - Alpine Truss Plates	FL999
C. ENGINEERED LUMBER	LPEWP	Laminated Beams, I Joist	FL 1511
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			
B.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of tl products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the per characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

APPLICANT SIGNATURE

DATE

L:/GENERAL/STATEPROD.XLS

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:1T7D8228Z0215130613

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-100R--Isaac Construction NICK PATEL RES. -- , **
Truss Count:	66
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.24, 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 -Open

Seal Date: 05/15/2007

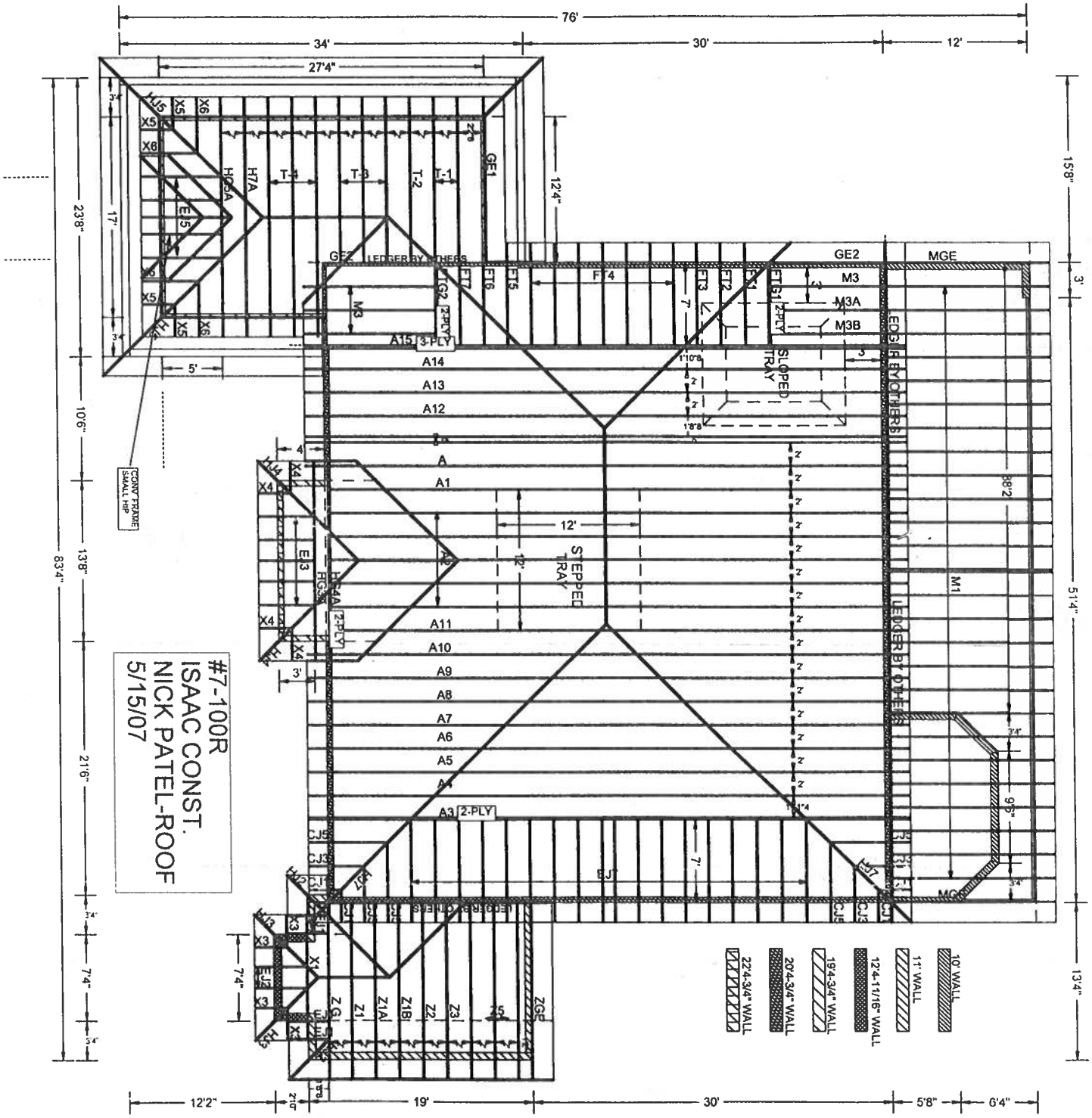
-Truss Design Engineer-
Arthur R. Fisher
Florida License Number: 59687
1950 Marley Drive
Haines City, FL 33844

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: BRCLBSUB-A11030EE-GBLLETIN-A11015EE-

#	Ref Description	Drawing#	Date
1	01799--A3	07135003	05/15/07
2	01800--A4	07135004	05/15/07
3	01801--A5	07135005	05/15/07
4	01802--A6	07135006	05/15/07
5	01803--A7	07135007	05/15/07
6	01804--A8	07135008	05/15/07
7	01805--A9	07135009	05/15/07
8	01806--A10	07135010	05/15/07
9	01807--A15	07135068	05/15/07
10	01808--A	07135042	05/15/07
11	01809--A14	07135043	05/15/07
12	01810--A13	07135044	05/15/07
13	01811--A12	07135045	05/15/07
14	01812--A1	07135046	05/15/07
15	01813--A2	07135047	05/15/07
16	01814--A11	07135048	05/15/07
17	01815--T-4	07135049	05/15/07
18	01816--GE1	07135050	05/15/07
19	01817--HG5A	07135051	05/15/07
20	01818--H7A	07135052	05/15/07
21	01819--T-3	07135053	05/15/07
22	01820--T-2	07135054	05/15/07
23	01821--T-1	07135055	05/15/07
24	01822--HG3A	07135056	05/15/07
25	01823--HG4A	07135057	05/15/07
26	01824--Z G	07135058	05/15/07
27	01825--Z1	07135059	05/15/07
28	01826--Z1A	07135060	05/15/07
29	01827--Z1B	07135061	05/15/07
30	01828--Z2	07135062	05/15/07
31	01829--Z3	07135063	05/15/07
32	01830--T53	07135064	05/15/07
33	01831--ZGE	07135065	05/15/07
34	01832--FTG2	07135066	05/15/07
35	01833--FTG1	07135011	05/15/07
36	01834--M3B	07135012	05/15/07
37	01835--FT7	07135013	05/15/07
38	01836--FT6	07135014	05/15/07
39	01837--FT5	07135067	05/15/07
40	01838--FT4	07135015	05/15/07
41	01839--FT3	07135016	05/15/07
42	01840--FT2	07135017	05/15/07
43	01841--FT1	07135018	05/15/07
44	01842--X1	07135019	05/15/07
45	01843--X5	07135020	05/15/07
46	01844--X6	07135021	05/15/07
47	01845--X4	07135022	05/15/07
48	01846--HJ4	07135023	05/15/07
49	01847--EJ3	07135024	05/15/07
50	01848--CJ1	07135025	05/15/07
51	01849--HJ7	07135026	05/15/07
52	01850--CJ3	07135027	05/15/07
53	01851--CJ5	07135028	05/15/07
54	01852--EJ7	07135029	05/15/07
55	01853--EJ2	07135030	05/15/07
56	01854--X3	07135031	05/15/07
57	01855--HJ3	07135032	05/15/07
58	01856--HJ2	07135033	05/15/07
59	01857--EJ1	07135034	05/15/07
60	01858--EJ5	07135035	05/15/07
61	01859--HJ5	07135036	05/15/07
62	01860--GE2	07135037	05/15/07
63	01861--M3	07135038	05/15/07
64	01862--M3A	07135039	05/15/07
65	01863--M1	07135040	05/15/07
66	01864--MGE	07135041	05/15/07



JOB DESCRIPTION:: Isaac Construction
/: NICK PATEL RES.

JOB NO: 7-100R

PAGE NO: 1 OF 1

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

Top chord 2x6 SP #1 Dense :T1, T5 2x6 SP #2:
Bot chord 2x8 SP #1 Dense :B2 2x8 SP SS:
Webs 2x4 SP #3 :W2, W12 2x4 SP #2 Dense:

110 mph wind, 21.99 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.

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

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

2 COMPLETE TRUSSES REQUIRED

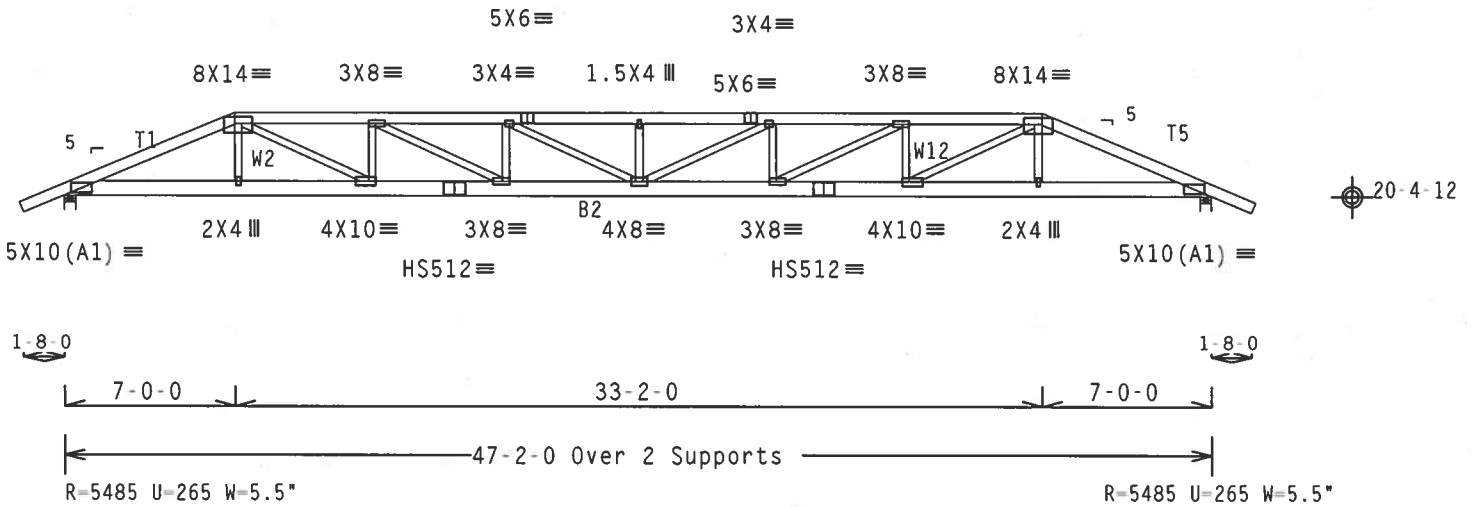
Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

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

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

Calculated vertical deflection is 0.83" due to live load and 1.09" due to dead load at X = 23-7-0.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.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.

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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1799
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135003
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163679
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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

Wind reactions based on MWFRS pressures.

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

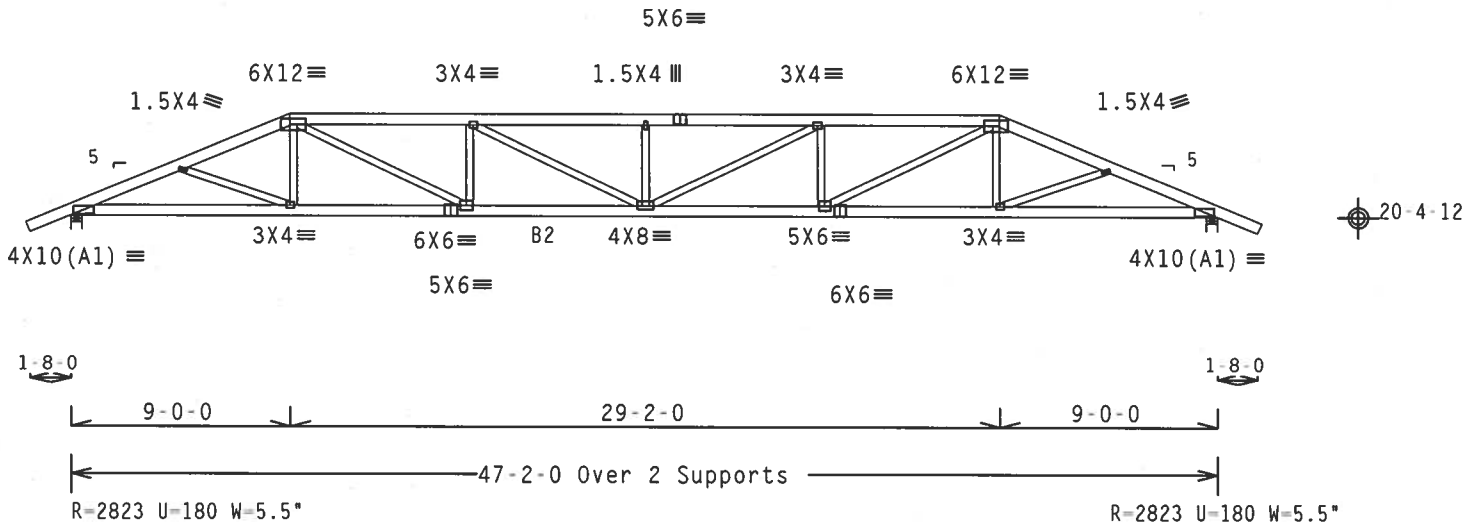
Calculated vertical deflection is 0.61" due to live load and 0.78" due to dead load at X = 23-7-0.

110 mph wind, 22.40 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

Calculated horizontal deflection is 0.13" due to live load and 0.16" due to dead load.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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Haines City, FL 33844
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May 15 '07

TC LL	30.0 PSF	REF	R8228- 1800
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135004
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163688
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** A5)

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

Wind reactions based on MWFRS pressures.

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

Calculated vertical deflection is 0.45" due to live load and 0.58" due to dead load at X = 23-7-0.

110 mph wind, 22.82 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

Calculated horizontal deflection is 0.12" due to live load and 0.16" due to dead load.

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

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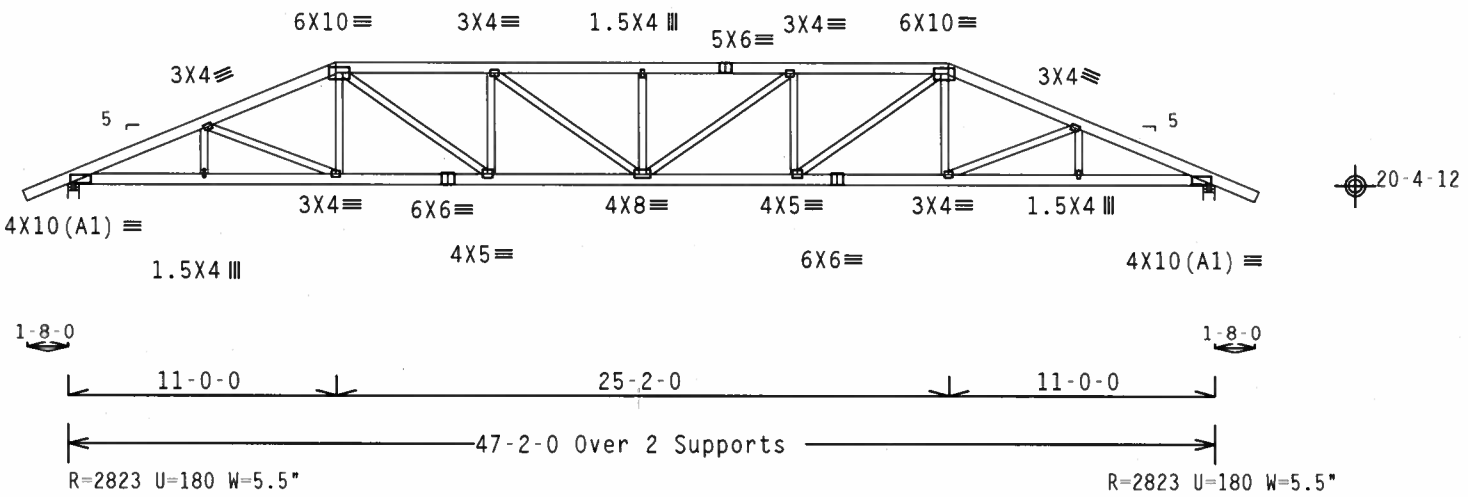

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

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- 1801
DATE	05/15/07
DRW	HCUSR8228 07135005
	HC-ENG JB/AF
SEQN-	163693
FROM	AH
JREF-	1T7D8228Z02

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

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

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.

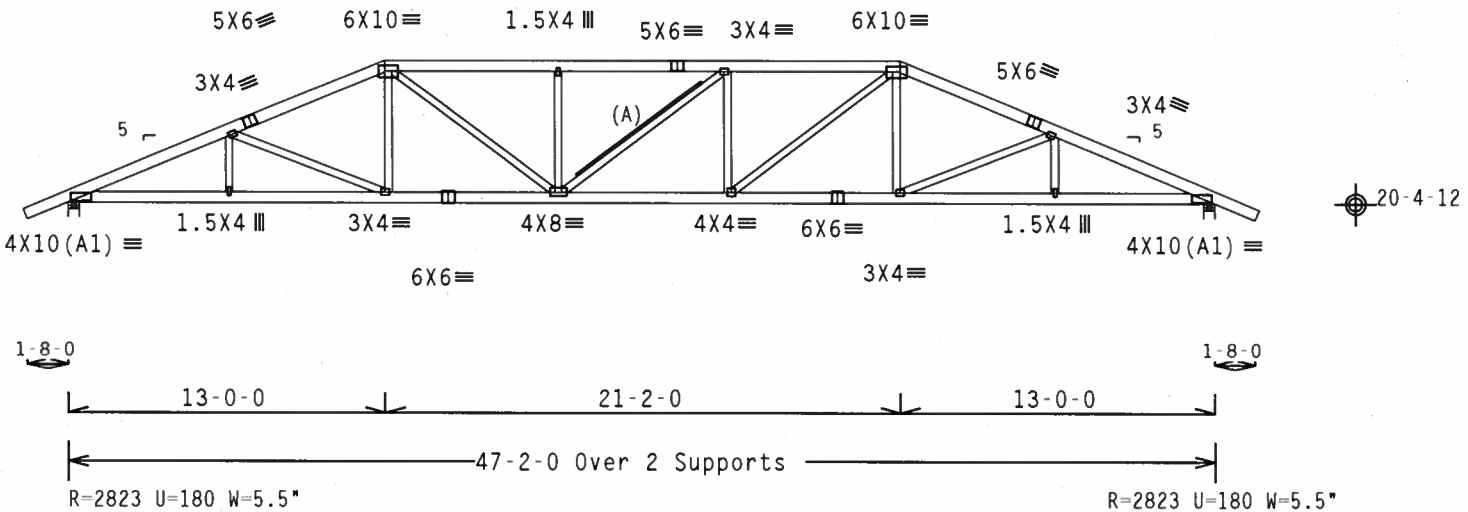
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 23.24 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

Calculated horizontal deflection is 0.11" due to live load and 0.15" due to dead load.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

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TC LL	30.0 PSF	REF	R8228- 1802
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135006
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163702
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** A7)

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

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.

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

110 mph wind, 23.65 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

Calculated horizontal deflection is 0.11" due to live load and 0.15" due to dead load.

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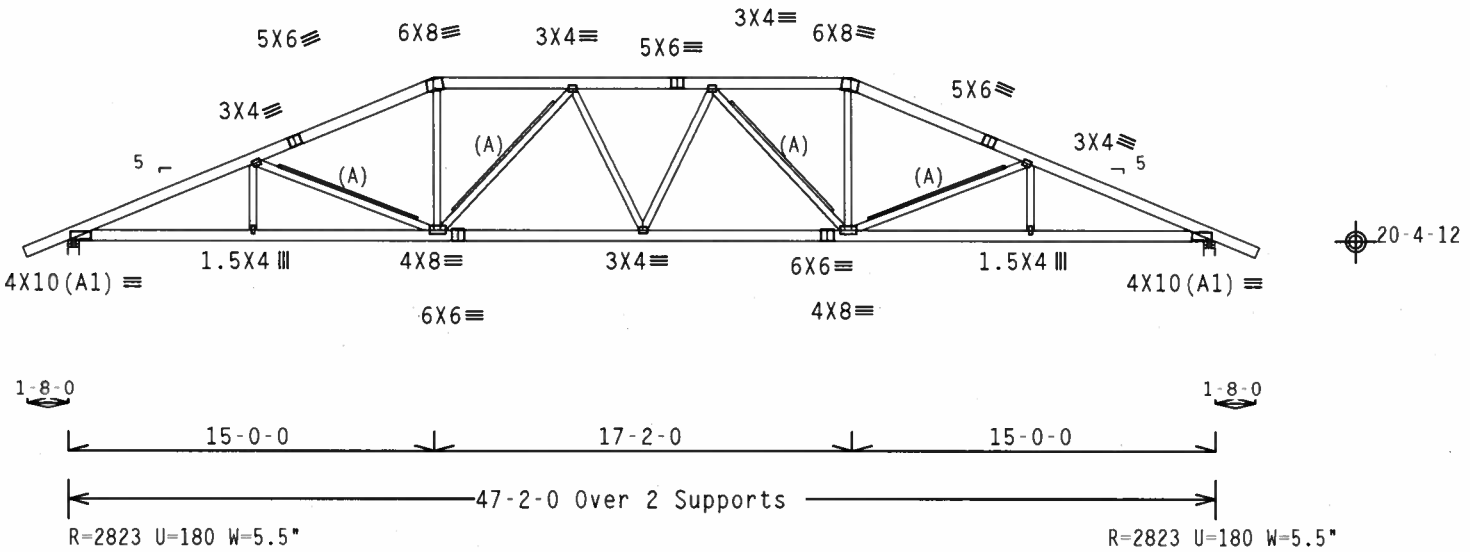

Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
MAY 15 '07

TC LL	30.0 PSF	REF	R8228- 1803
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135007
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163710
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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

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

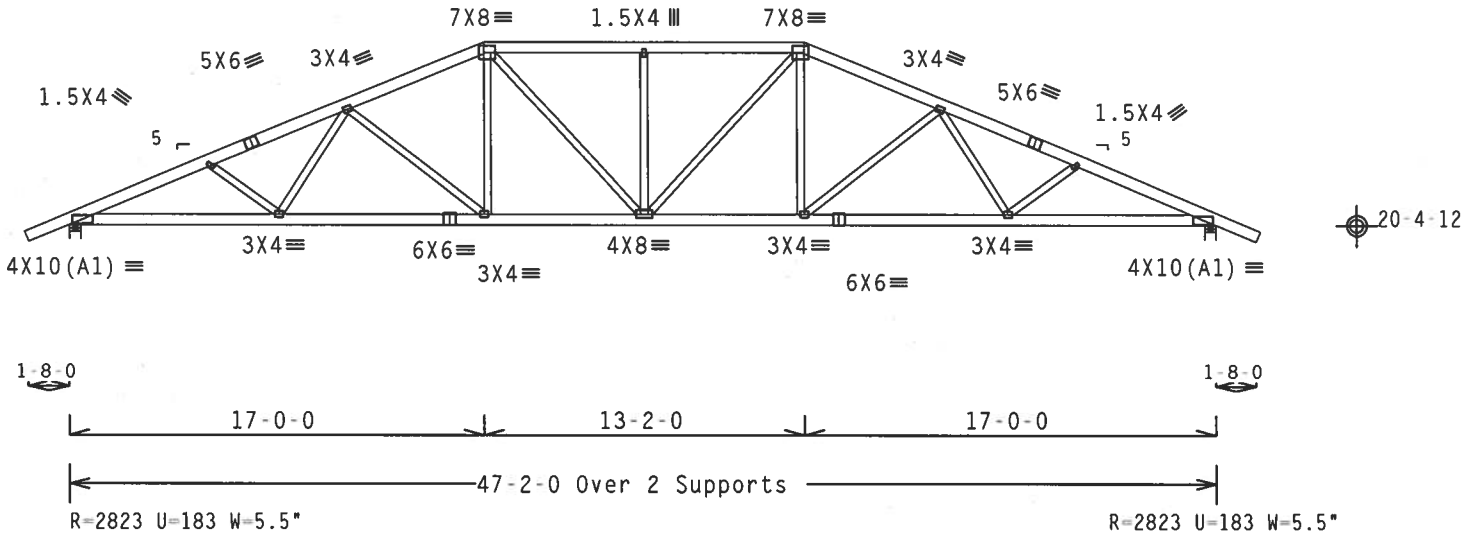
Wind reactions based on MWFRS pressures.

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

110 mph wind, 24.07 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

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.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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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1804
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135008
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163715
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - A9)

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

Wind reactions based on MWFRS pressures.

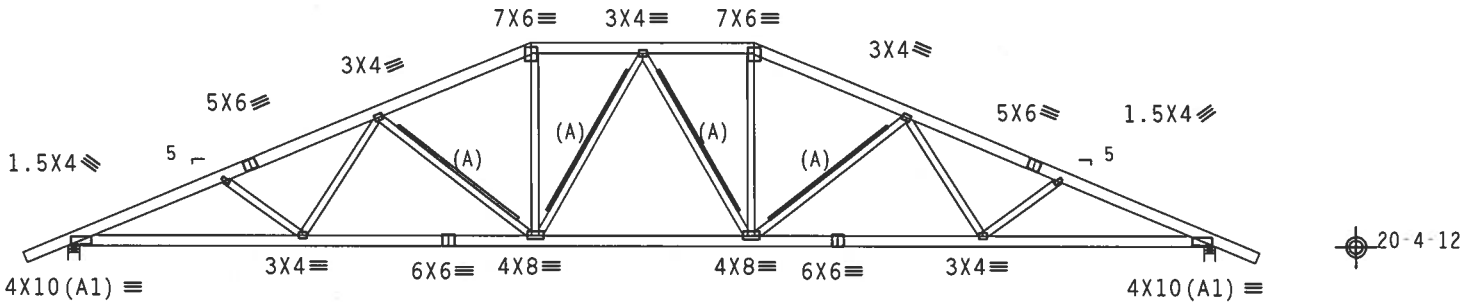
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

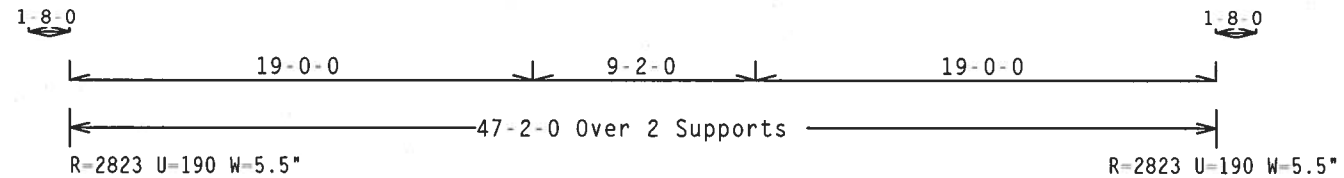
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 24.49 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

(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.





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 29687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, 07

TC LL	30.0 PSF	REF	R8228- 1805
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135009
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163720
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** A10)

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

Wind reactions based on MWFRS pressures.

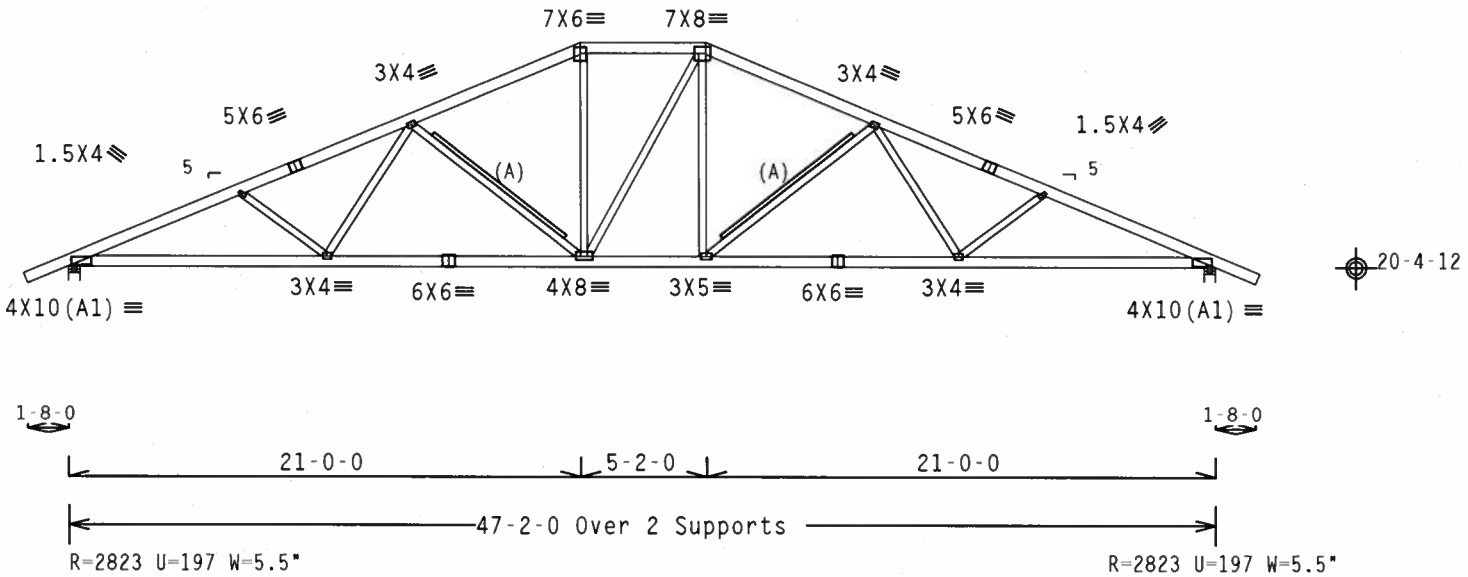
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

110 mph wind, 24.90 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

(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. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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

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

May 15 '07

TC LL	30.0 PSF	REF	R8228- 1806
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135010
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163727
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** A15)

Top chord 2x6 SP #2
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 92 PLF at -1.84 to 92 PLF at 16.50
TC - From 92 PLF at 16.50 to 92 PLF at 30.67
TC - From 92 PLF at 30.67 to 92 PLF at 49.01
BC - From 4 PLF at -1.84 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 3.46
BC - From 22 PLF at 3.46 to 22 PLF at 5.46
BC - From 20 PLF at 5.46 to 20 PLF at 13.17
BC - From 22 PLF at 13.17 to 22 PLF at 15.17
BC - From 20 PLF at 15.17 to 20 PLF at 47.17
BC - From 4 PLF at 47.17 to 4 PLF at 49.01
PLB- 1280 LB Conc. Load at (9.63,21.44)
PLB- 378 LB Conc. Load at (11.56,21.44)
PLB- 376 LB Conc. Load at (13.56,21.24)
PLB- 373 LB Conc. Load at (15.56,20.44), (17.56,20.44), (19.56,20.44) (21.56,20.44), (23.56,20.44), (25.56,20.44), (27.56,20.44), (29.56,20.44)
PLB- 375 LB Conc. Load at (31.56,20.44)
PLB- 394 LB Conc. Load at (33.56,20.44), (35.56,20.44)
PLB- 1275 LB Conc. Load at (37.54,20.44)

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

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"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.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

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

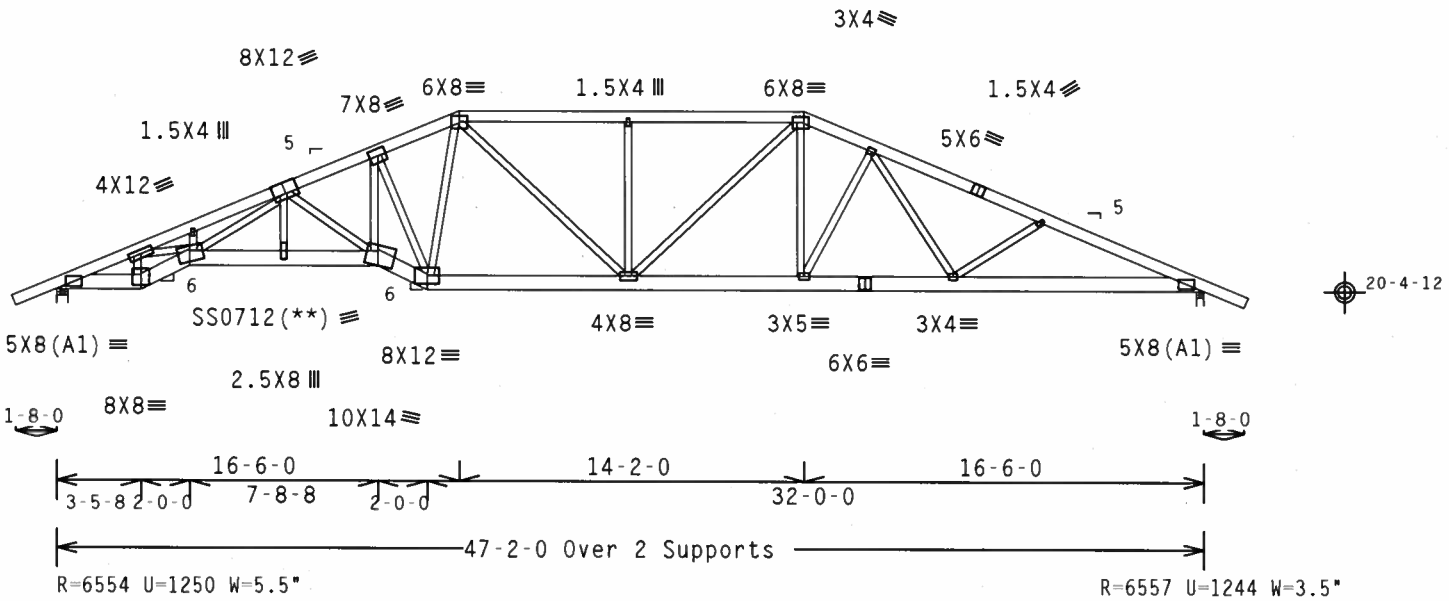
110 mph wind, 23.98 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.14" due to live load and 0.17" due to dead load.

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. 18 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15,'07

TC LL	30.0 PSF	REF	R8228- 1807
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135068
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163891
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - A)

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

Wind reactions based on MWFRS pressures.

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

110 mph wind, 25.44 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

(A) Continuous lateral bracing equally spaced on member.

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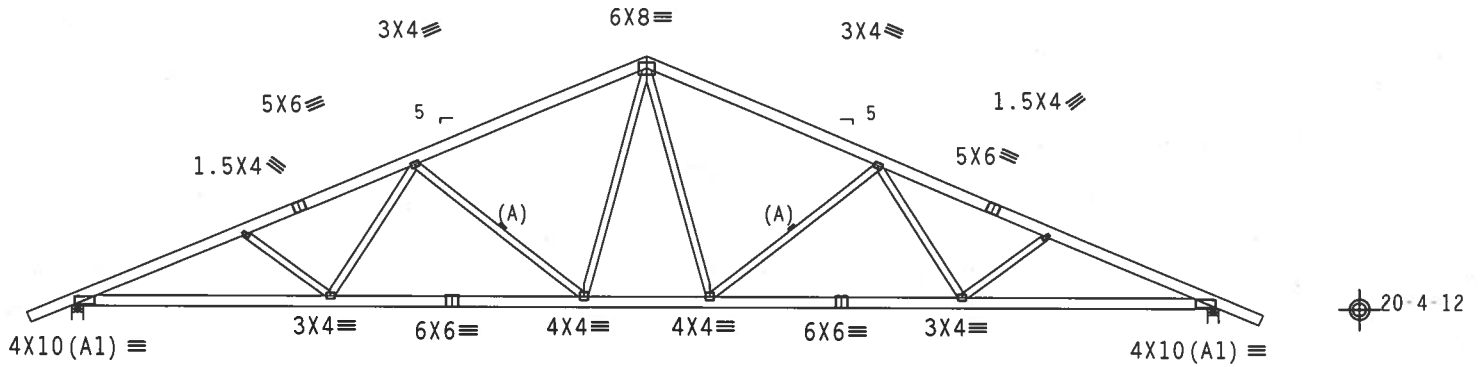

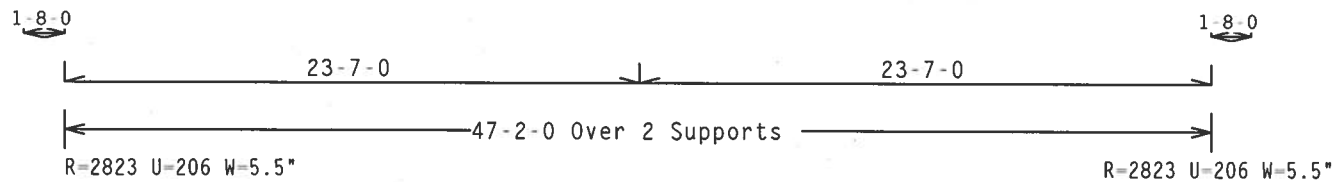

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

May 15 '07

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ALPINE

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

TC LL	30.0 PSF	REF	R8228- 1808
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135042
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163840
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - A14)

Top chord 2x6 SP #2
Bot chord 2x6 SP #2 :B3 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W2, W6 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.18" due to live load and 0.24" due to dead load.

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

Calculated vertical deflection is 0.45" due to live load and 0.58" due to dead load at X = 13-2-0.

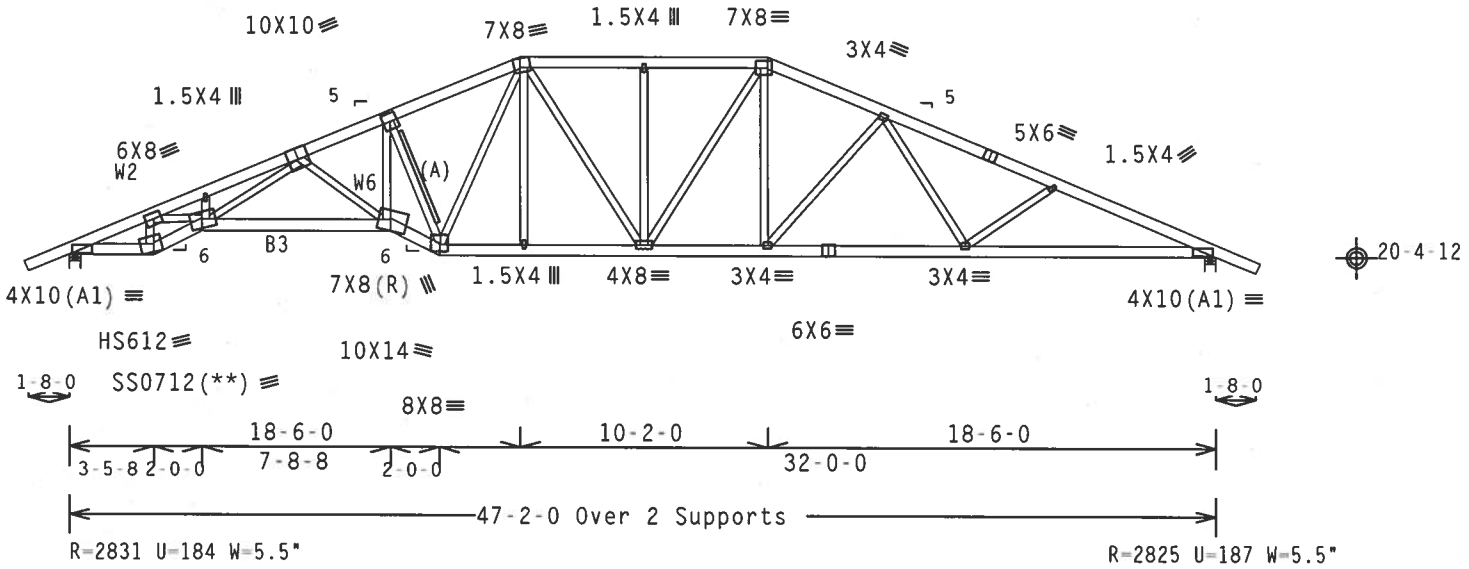
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 24.38 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

(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.

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



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

ALPINE

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1809
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135043
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163869
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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

Top chord 2x6 SP #2
Bot chord 2x6 SP #2 :B3 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W2, W6 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.18" due to live load and 0.24" due to dead load.

(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.

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

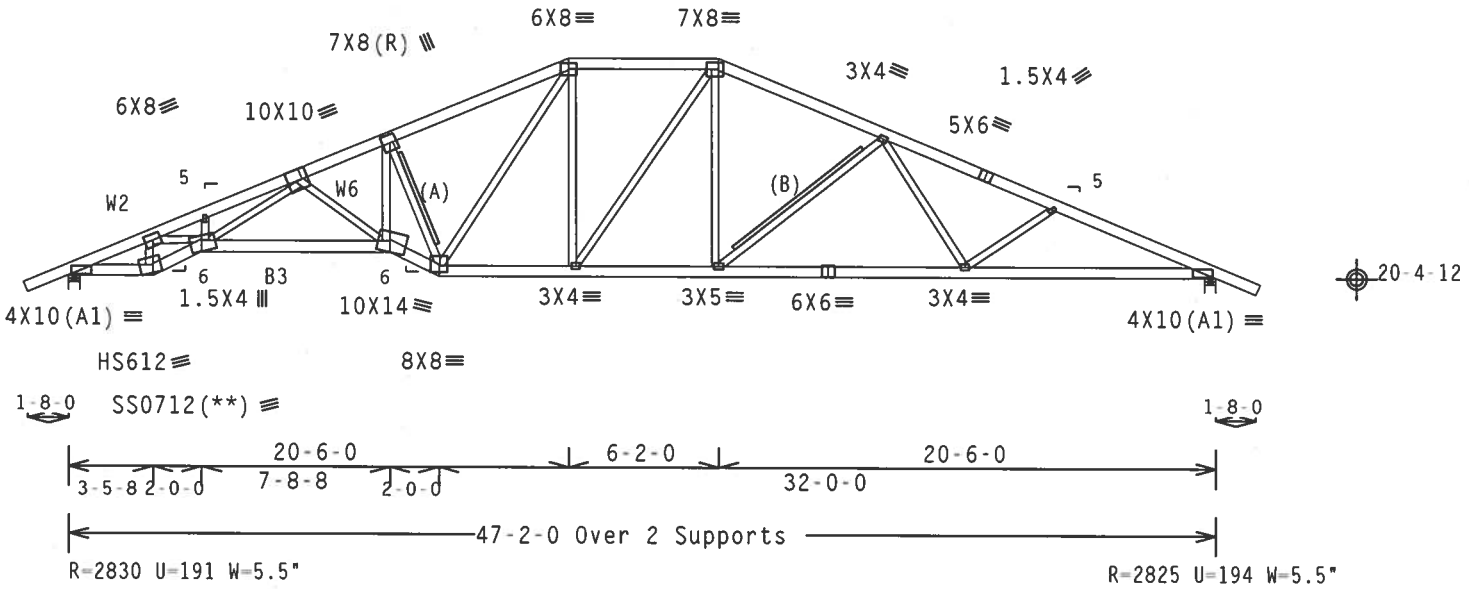
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 24.80 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

(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.

Calculated vertical deflection is 0.45" due to live load and 0.58" due to dead load at X = 13-2-0.



PLT TYP. 20 Gauge HS,18 Gauge HS, Wave Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.12 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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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF R8228- 1810
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135044
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 164154
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

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

Top chord 2x6 SP #2
Bot chord 2x6 SP #2 :B3 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W2, W6 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.18" due to live load and 0.24" due to dead load.

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

Calculated vertical deflection is 0.46" due to live load and 0.59" due to dead load at X = 13-2-0.

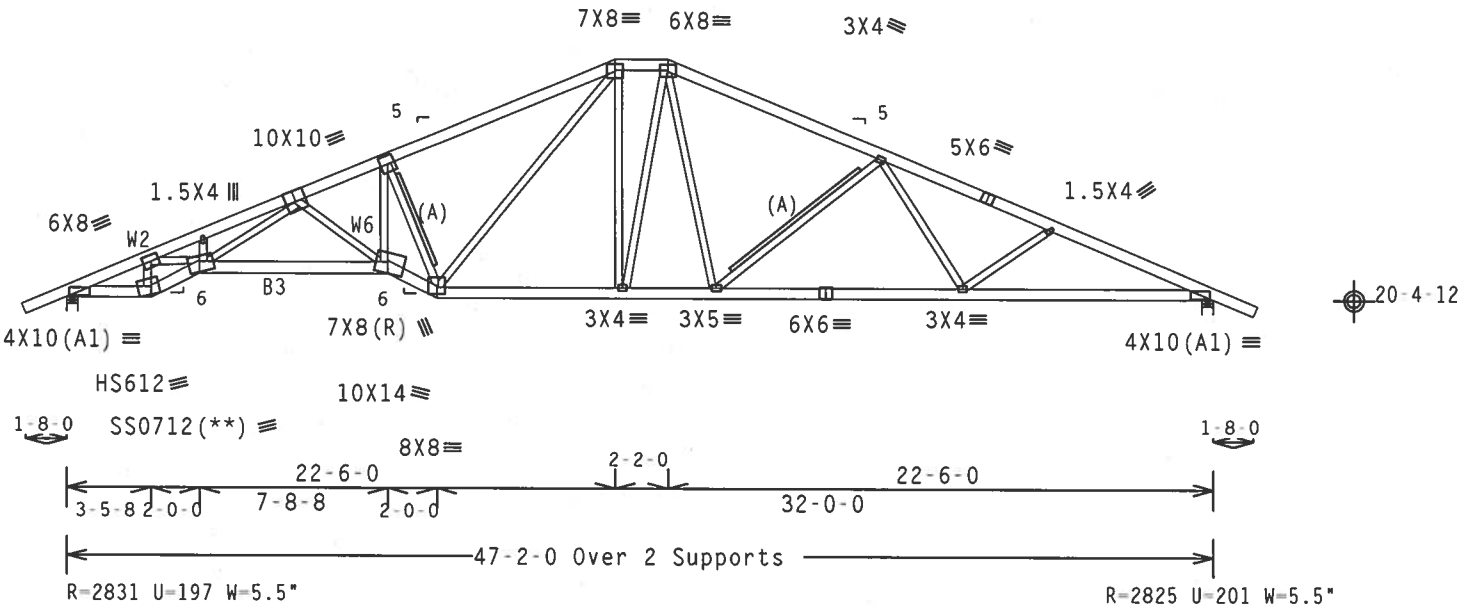
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 25.22 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

(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.

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



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

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

Scale =.125"/Ft.

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ALPINE

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

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

May 15 '07

TC LL	30.0 PSF	REF R8228- 1811
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135045
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 163910
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - A1)

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

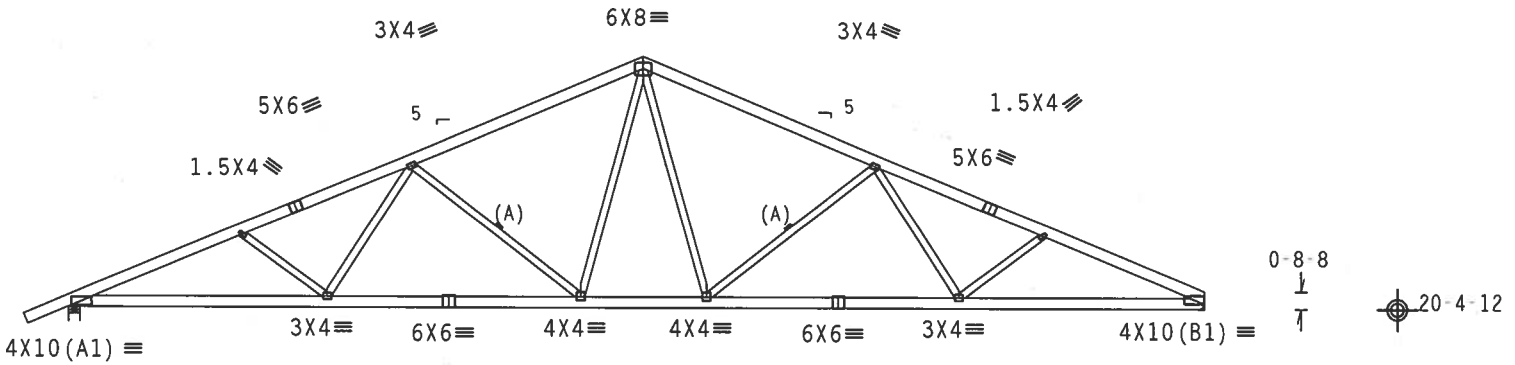
Wind reactions based on MWFRS pressures.

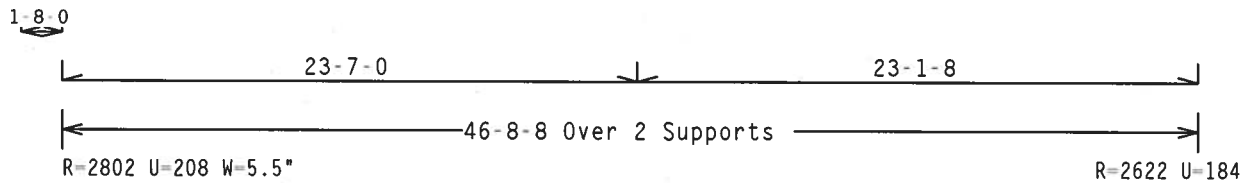
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 25.44 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

(A) Continuous lateral bracing equally spaced on member.

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





PLT TYP. Wave

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

Scale =.125"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1812
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135046
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163920
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

Top chord 2x6 SP #2
Bot chord 2x6 SP #2 :B3 2x6 SP #1 Dense:
Webs 2x4 SP #3
:W5, W9, W10, W11 2x4 SP #2 Dense:

Calculated horizontal deflection is 0.25" due to live load and 0.32" due to dead load.

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

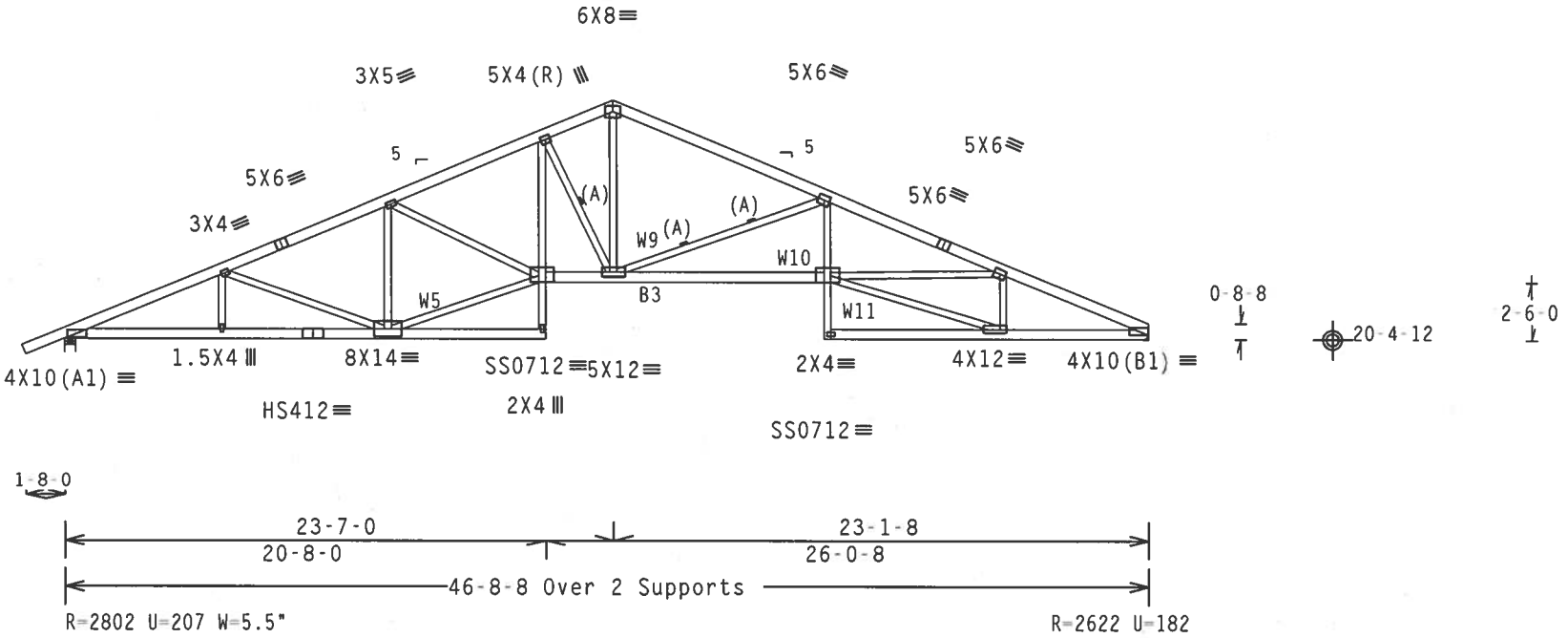
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

110 mph wind, 25.44 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) Continuous lateral bracing equally spaced on member.

Calculated vertical deflection is 0.52" due to live load and 0.68" due to dead load at X = 32-8-0.



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

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.1 QTY:1 FL/-/4/-/-/R/- Scale =.125"/Ft.

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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, 07

TC LL	30.0 PSF	REF	R8228- 1813
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135047
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163981
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - A11)

Top chord 2x6 SP #2
Bot chord 2x6 SP #2 :B3 2x6 SP #1 Dense:
Webs 2x4 SP #3 :W5, W11, W12 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

(A) 2x8 #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.

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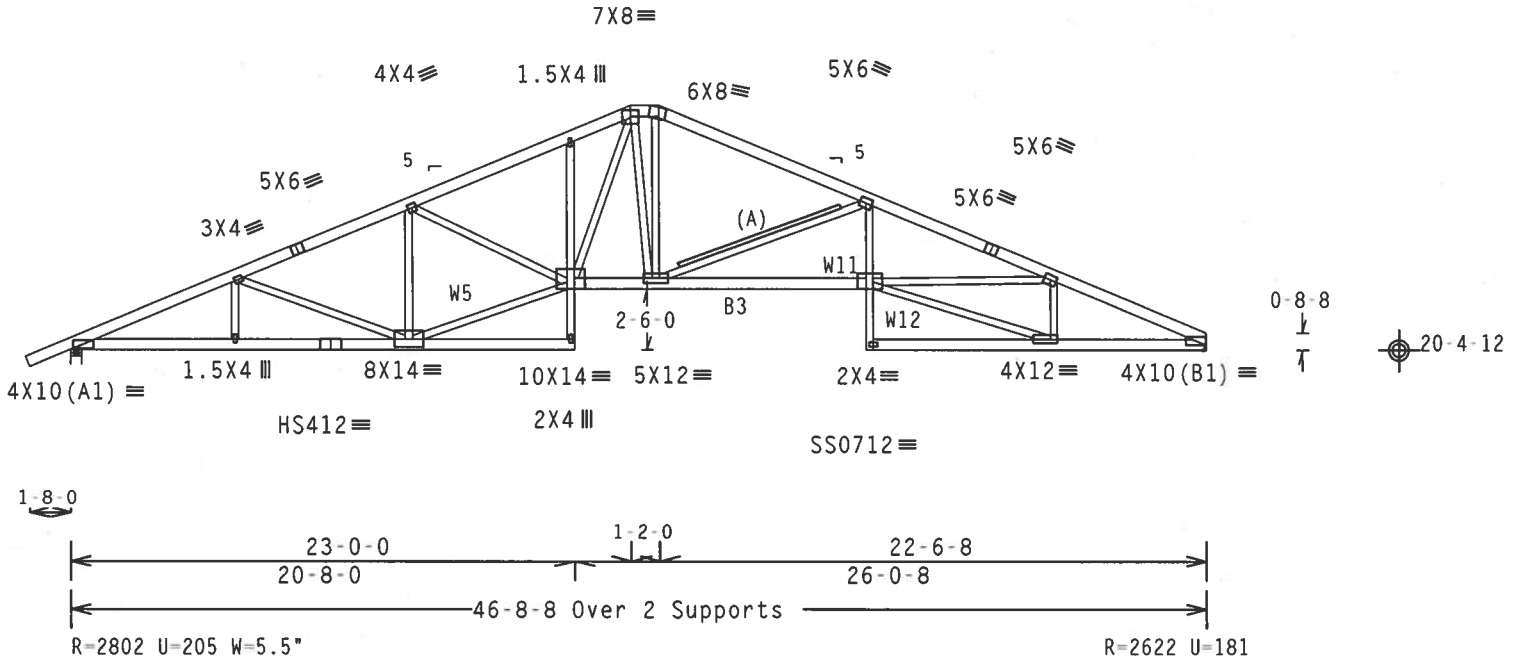
110 mph wind, 25.32 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=7.5 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Calculated horizontal deflection is 0.25" due to live load and 0.32" due to dead load.

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

Calculated vertical deflection is 0.52" due to live load and 0.67" due to dead load at X = 32-8-0.



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

Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/10(0) 7.24.12 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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ARTHUR R. FISHER LICENSE No.29687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1814
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135048
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163987
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

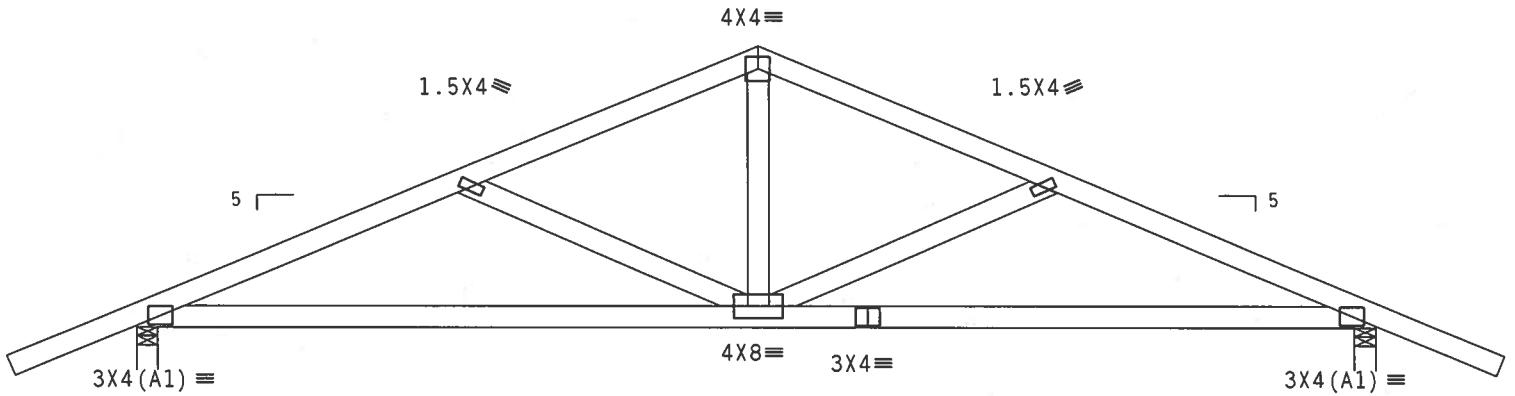
(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - T-4)

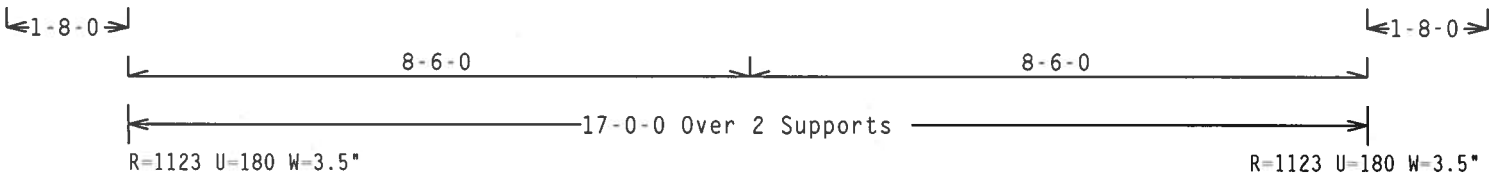
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

110 mph wind, 21.13 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

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





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

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

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- 1815
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135049
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163589
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** GE1)

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

Wind reactions based on MWFRS pressures.

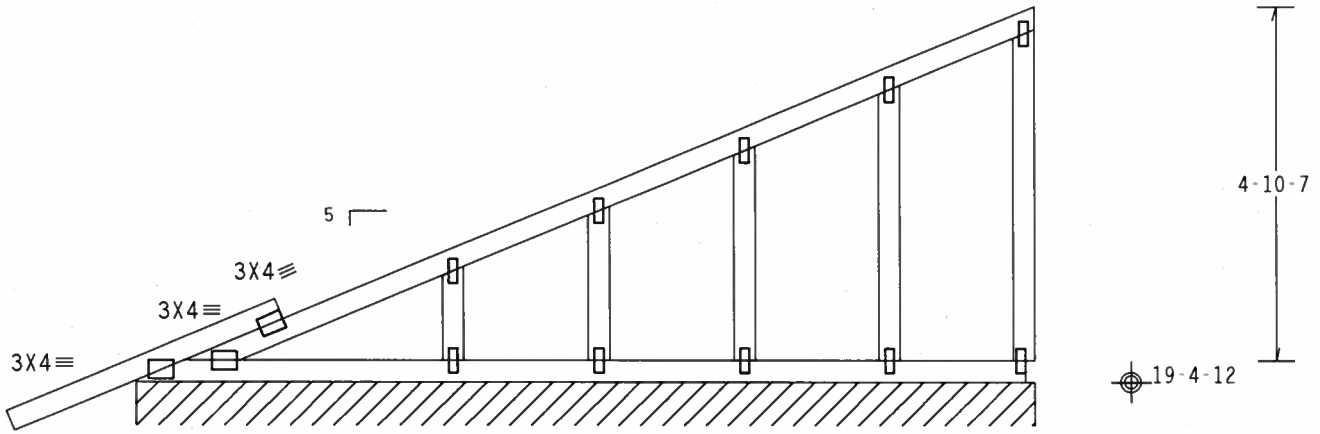
Truss spaced at 24.0" OC designed to support 1-8-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

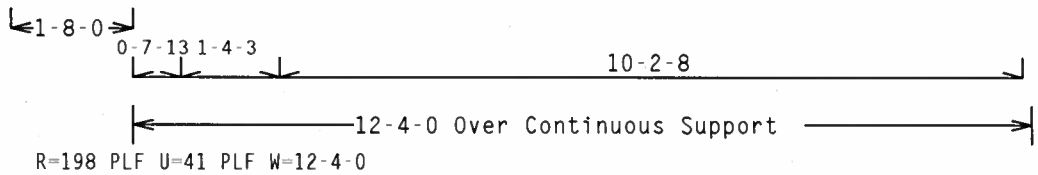
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 21.77 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

Right end vertical not exposed to wind pressure.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.





Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

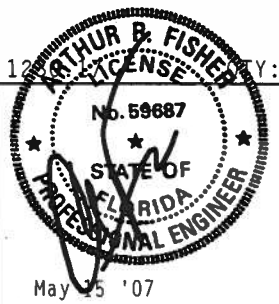
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.12 Y:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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

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



May 15 '07

TC LL	30.0 PSF	REF	R8228- 1816
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135050
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	164181
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** HG5A)

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

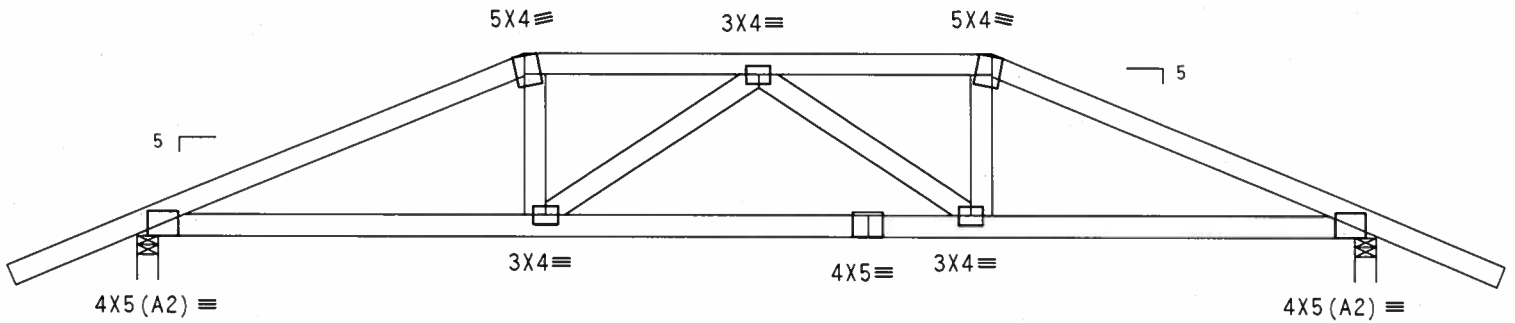
Wind reactions based on MWFRS pressures.

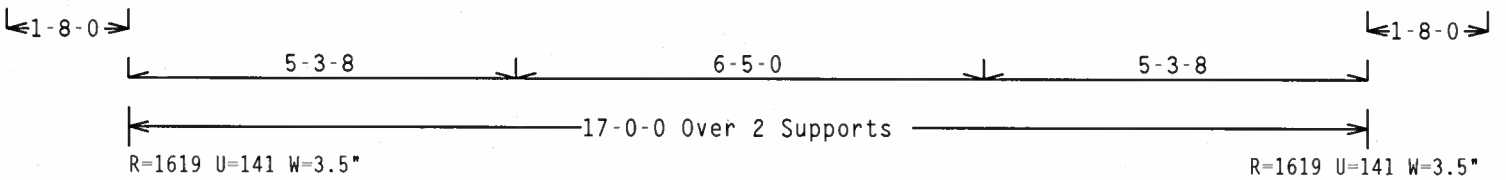
#1 hip supports 5-0-0 jacks with no webs.

110 mph wind, 20.46 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

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

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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1817
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135051
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	22757
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. . ** H7A)

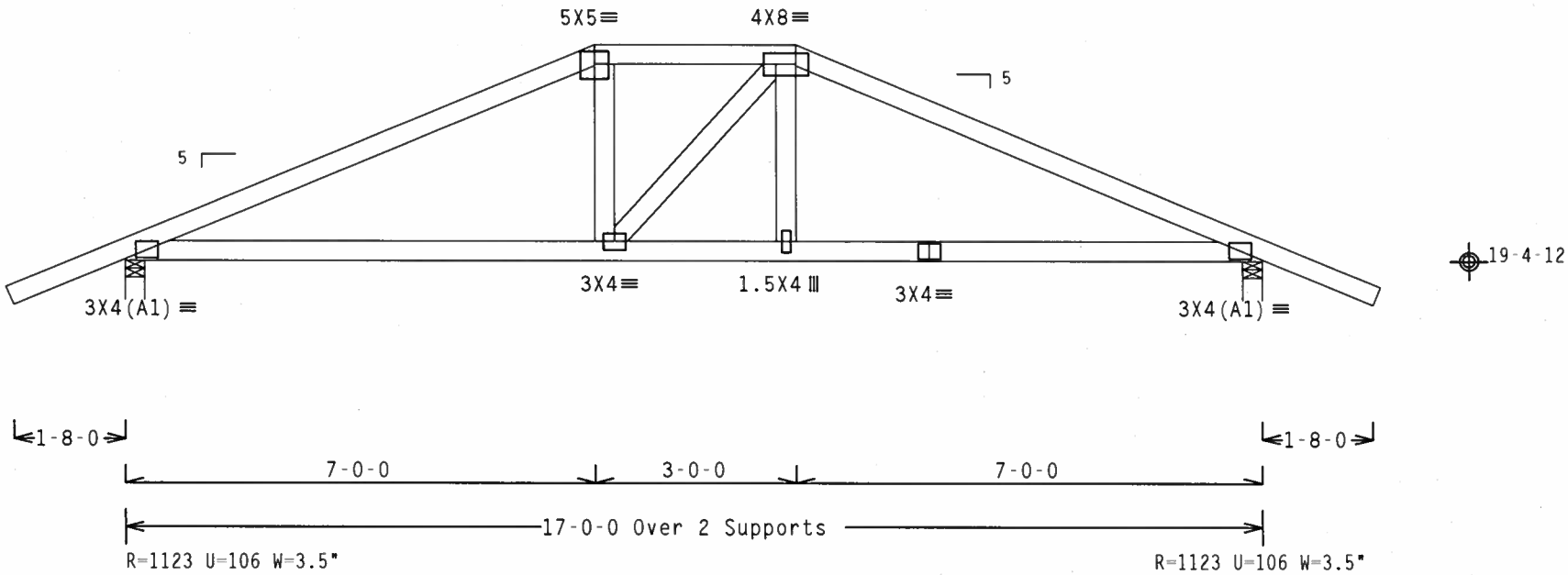
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

110 mph wind, 20.82 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

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) 7.36.0 TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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ARTHUR R. FISHER LICENSE No.39687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, 07

TC LL	30.0 PSF	REF	R8228- 1818
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135052
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	22762
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - T-3)

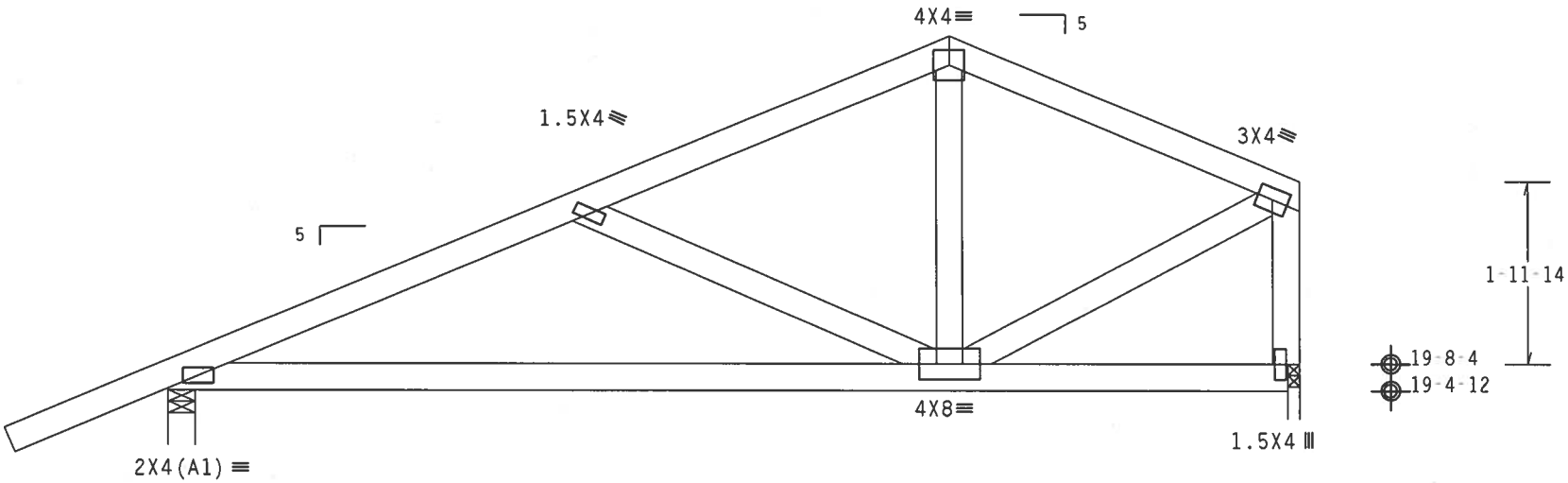
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

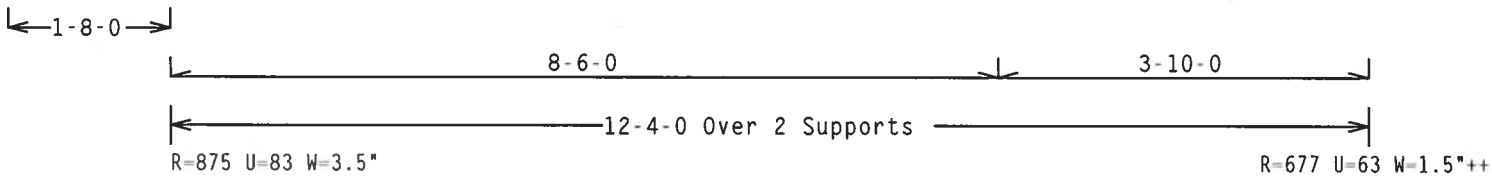
Wind reactions based on MWFRS pressures.

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

110 mph wind, 21.13 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

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 58687 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 15 '07

TC LL	30.0 PSF	REF	R8228- 1819
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135053
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	22767
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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

Wind reactions based on MWFRS pressures.

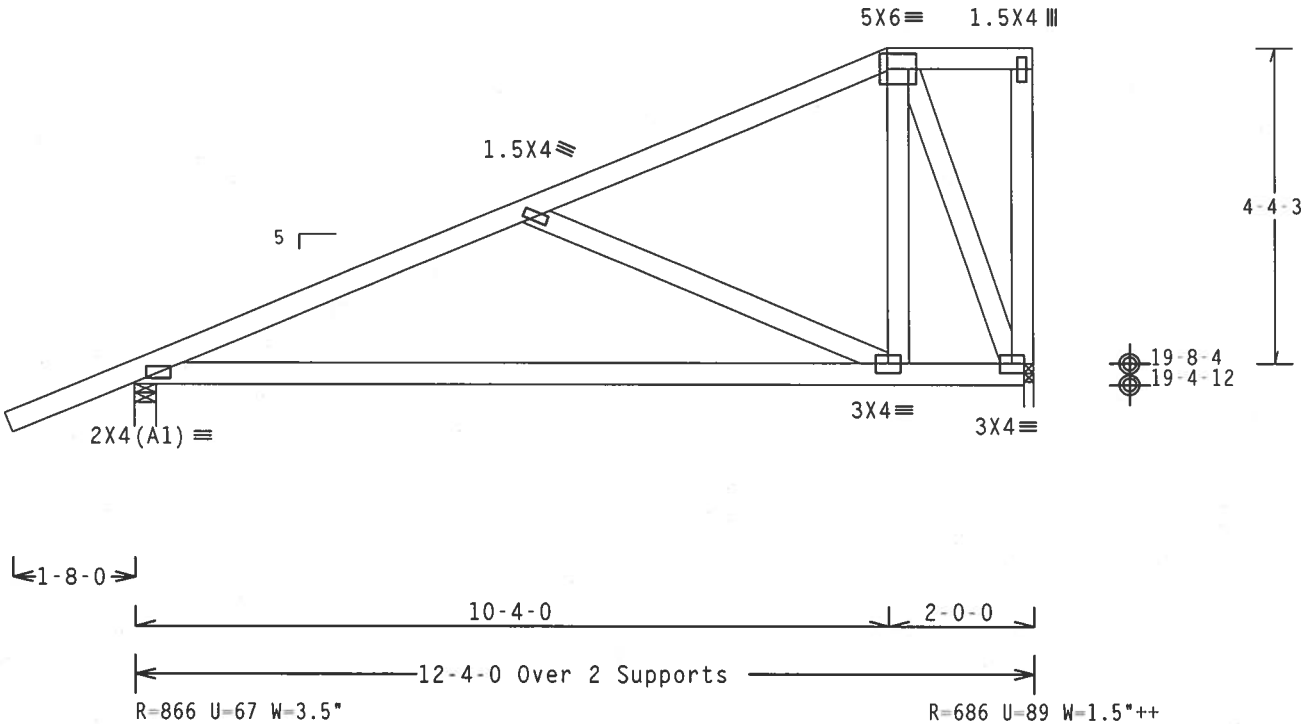
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

110 mph wind, 21.51 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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

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

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ARTHUR R. FISHER LICENSE NO.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1820
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135054
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	22772
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - T-1)

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

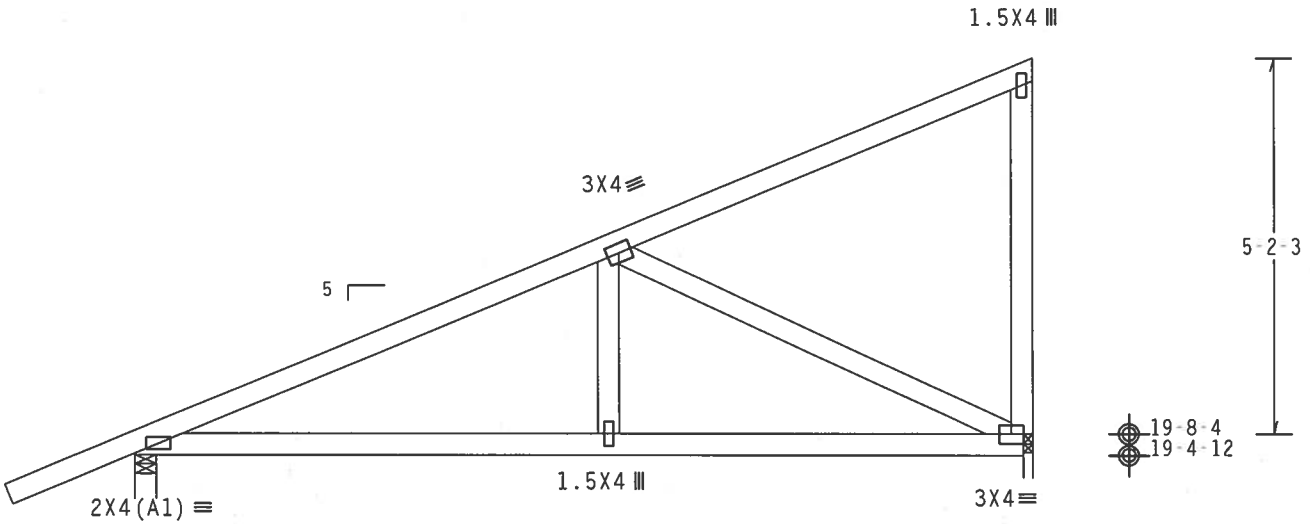
Wind reactions based on MWFRS pressures.

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

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

110 mph wind, 21.93 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

Right end vertical not exposed to wind pressure.



1-8-0

12-4-0 Over 2 Supports

R=866 U=60 W=3.5"

R=686 U=100 W=1.5"++

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.375"/Ft.

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

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

May 15 '07

TC LL	30.0 PSF	REF	R8228- 1821
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135055
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	22777
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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, 22.99 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.

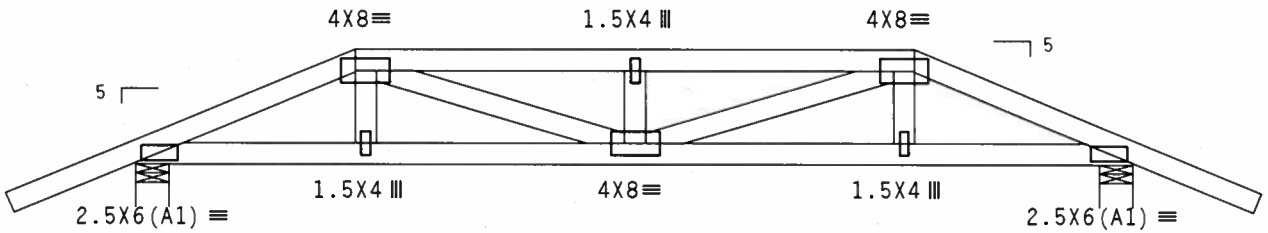
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

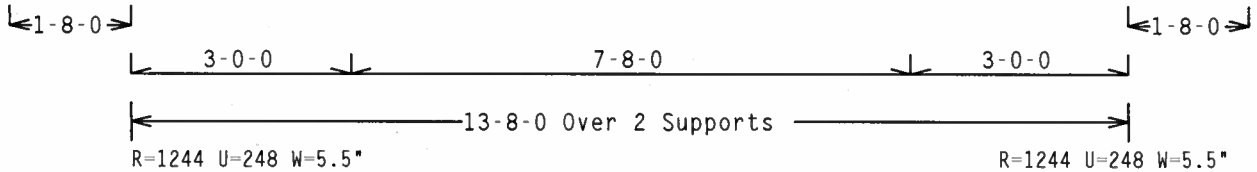
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC	From	92 PLF	at	-1.78	to	92 PLF	at	3.00
TC	From	92 PLF	at	3.00	to	92 PLF	at	10.67
TC	From	92 PLF	at	10.67	to	92 PLF	at	15.45
BC	From	4 PLF	at	-1.78	to	4 PLF	at	0.00
BC	From	20 PLF	at	0.00	to	20 PLF	at	13.67
BC	From	4 PLF	at	13.67	to	4 PLF	at	15.45

TC - 153 LB Conc. Load at 3.06, 10.60
TC - 83 LB Conc. Load at 5.06, 6.83, 8.60
BC - -15 LB Conc. Load at 3.00, 10.67
BC - 18 LB Conc. Load at 3.06, 5.06, 6.83, 8.60, 10.60



22-4-12



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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

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

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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.

TC LL	30.0 PSF	REF	R8228- 1822
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135056
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163641
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - HG4A)

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

Top chord 2x4 SP #2 Dense
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3 :W2, W6 2x4 SP #2 Dense:

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 92 PLF at -1.78 to 92 PLF at 4.21
TC - From 92 PLF at 4.21 to 92 PLF at 9.46
TC - From 92 PLF at 9.46 to 92 PLF at 15.45
BC - From 4 PLF at -1.78 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 13.67
BC - From 4 PLF at 13.67 to 4 PLF at 15.45
BC - 2622 LB Conc. Load at 0.90, 2.90, 4.90, 6.90, 8.90 10.90, 12.77

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.

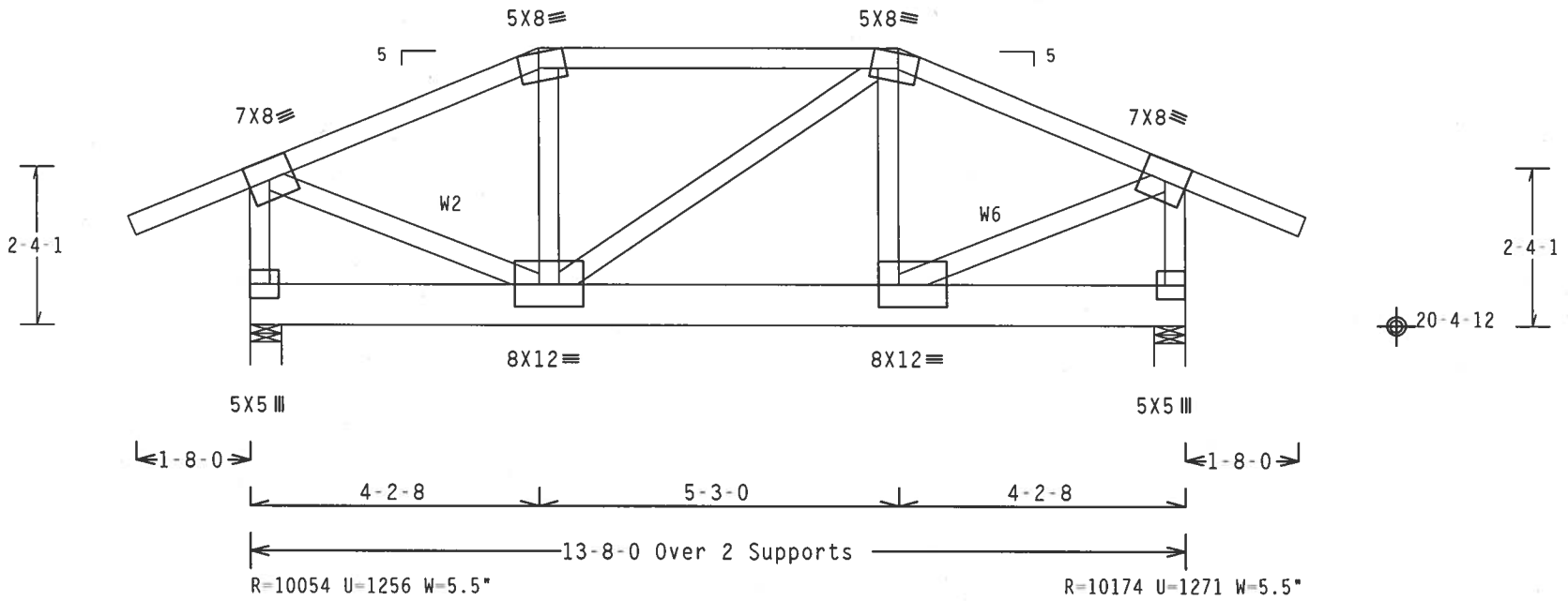
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 23.24 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.

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

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1823
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135057
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163977
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - Z G)

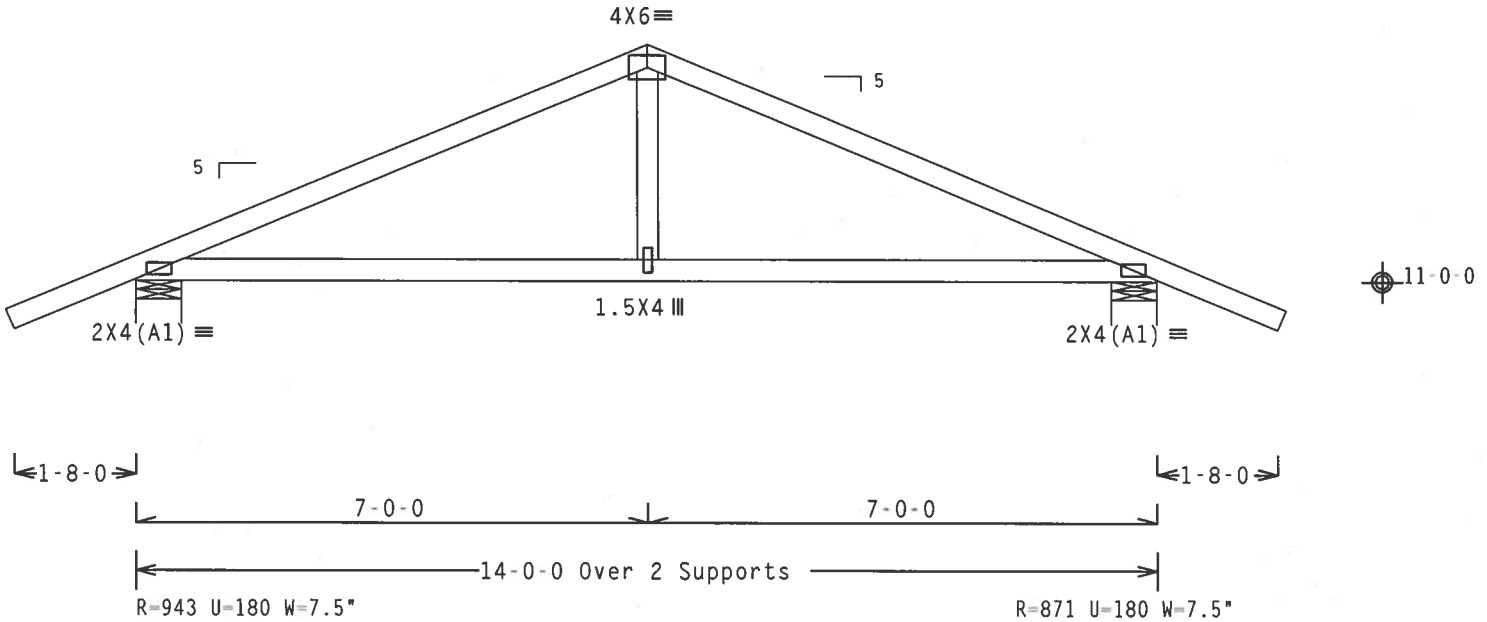
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 92 PLF at -1.78 to 92 PLF at 7.00
TC - From 92 PLF at 7.00 to 92 PLF at 15.78
BC - From 4 PLF at -1.78 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 14.00
BC - From 4 PLF at 14.00 to 4 PLF at 15.78
TC - -93 LB Conc. Load at 1.71, 12.29
BC - -93 LB Conc. Load at 1.71
BC - 92 LB Conc. Load at 1.77, 3.27, 10.73, 12.23
BC - -185 LB Conc. Load at 12.29

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) 7.24. TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1824
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135058
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	164085
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - Z1)

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

Wind reactions based on MWFRS pressures.

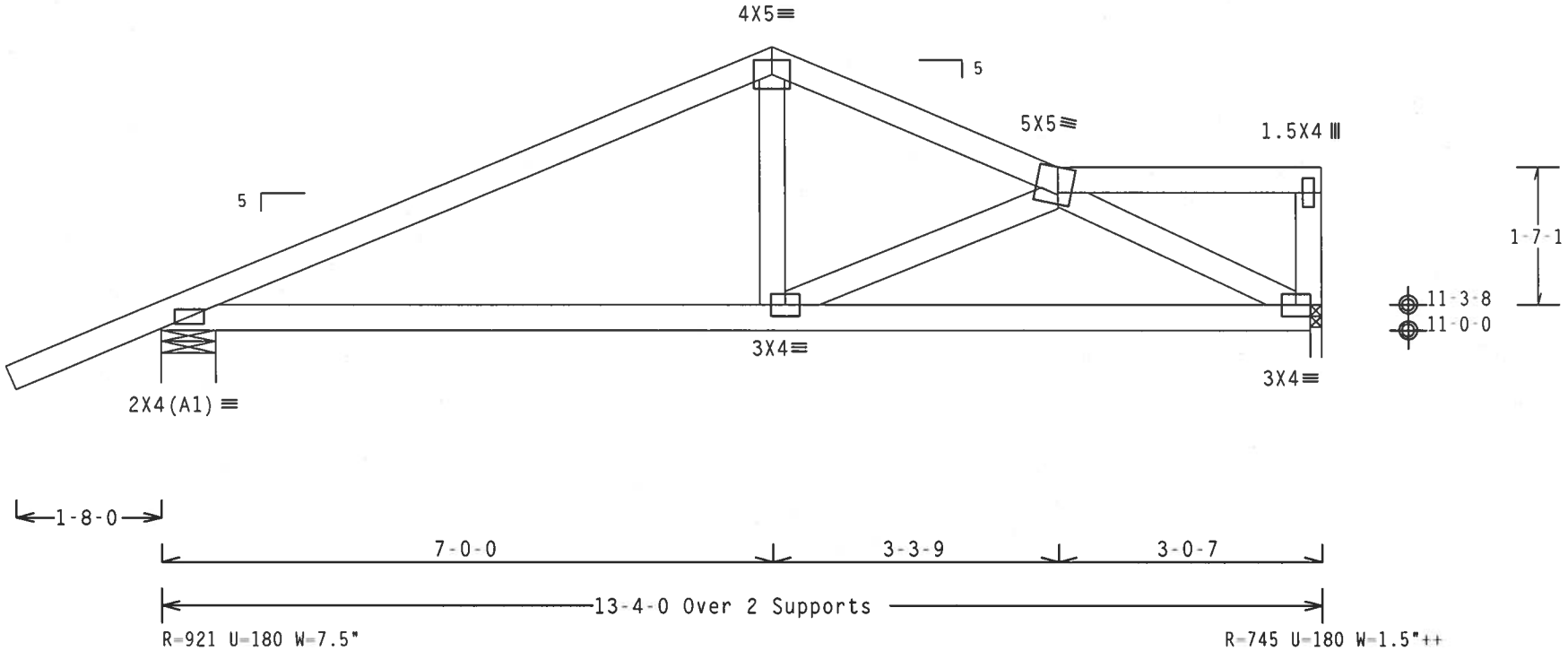
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

End verticals not exposed to wind pressure.

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

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

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



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

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1825
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135059
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	164194
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - Z1A)

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

Wind reactions based on MWFRS pressures.

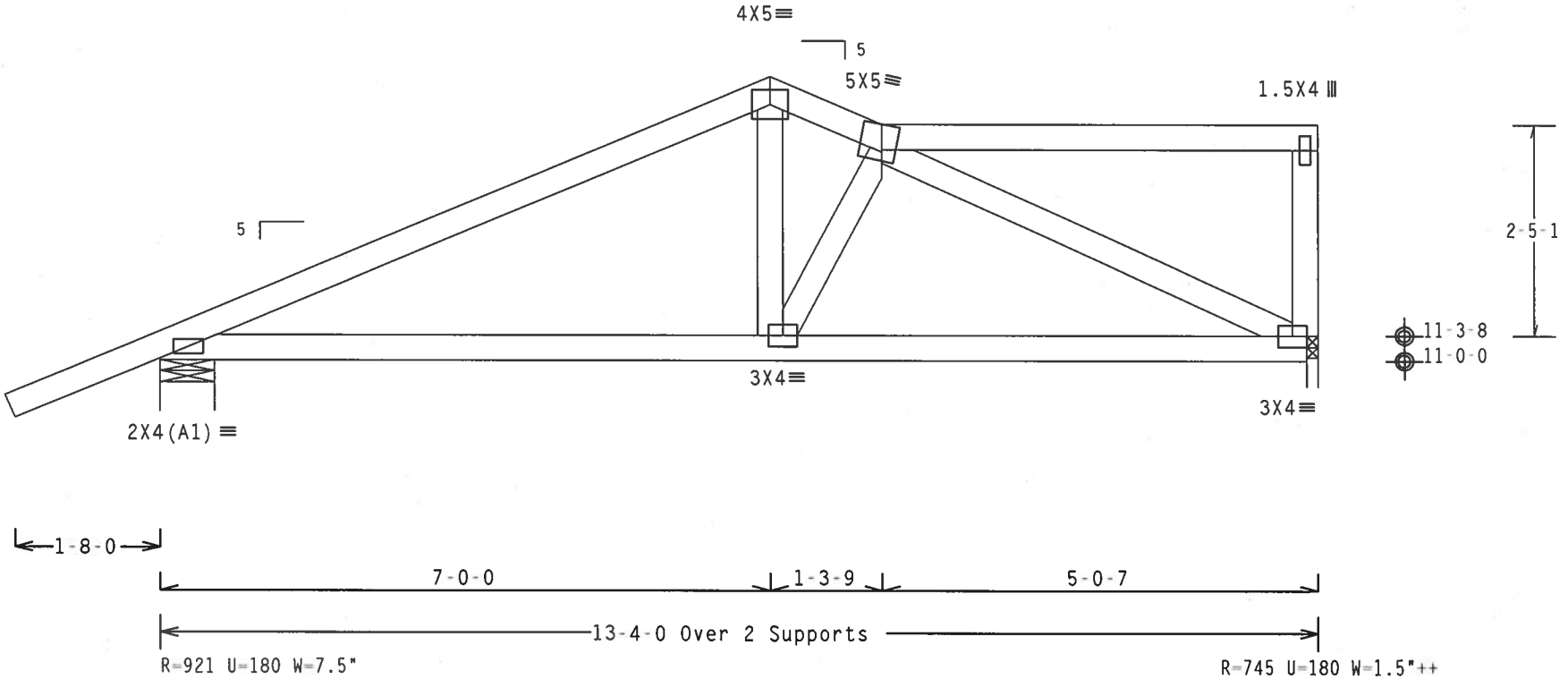
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, 07

TC LL	30.0 PSF	REF	R8228- 1826
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135060
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	164199
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** Z1B)

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

Wind reactions based on MWFRS pressures.

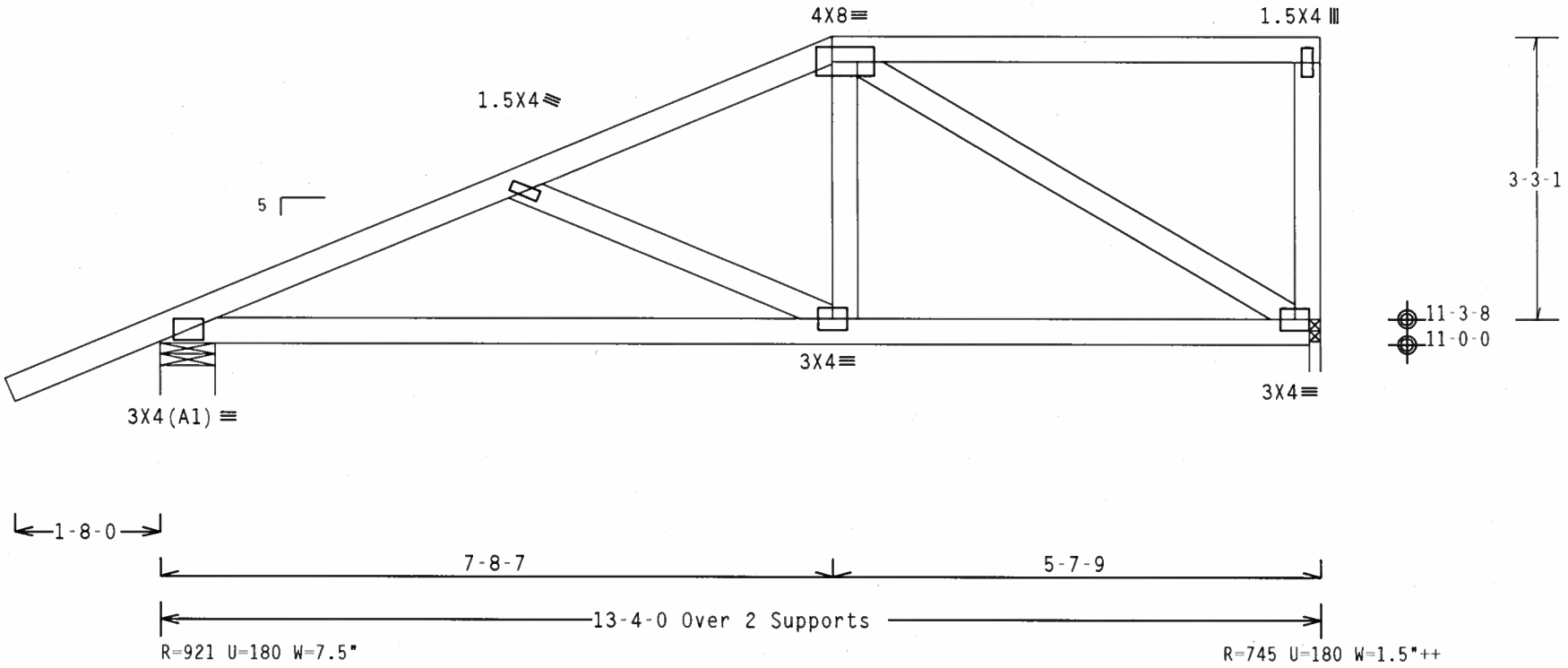
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

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



PLT TYP. Wave

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

Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1827
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135061
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	164206
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** Z2)

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

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

Wind reactions based on MWFRS pressures.

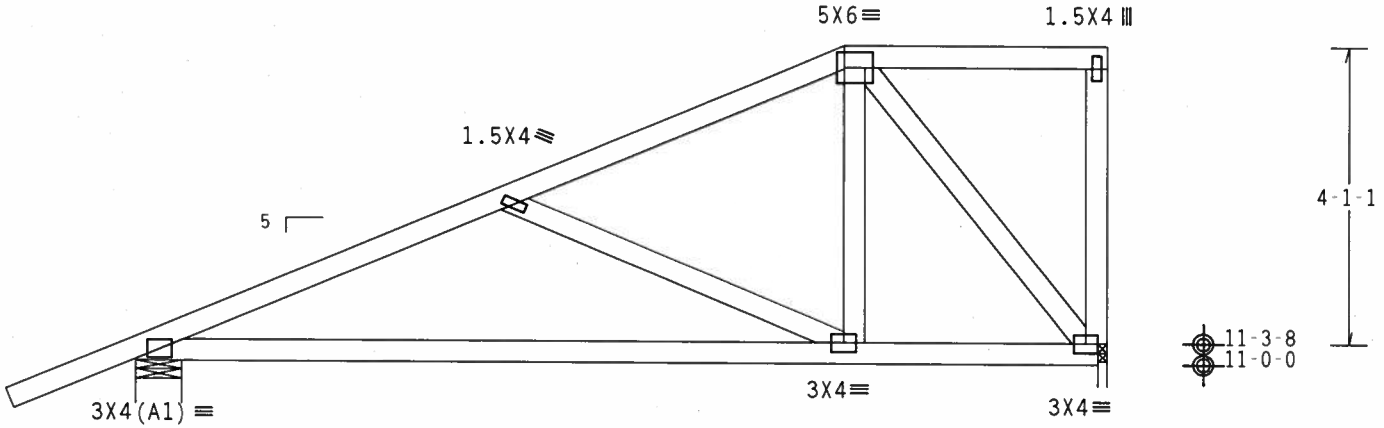
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

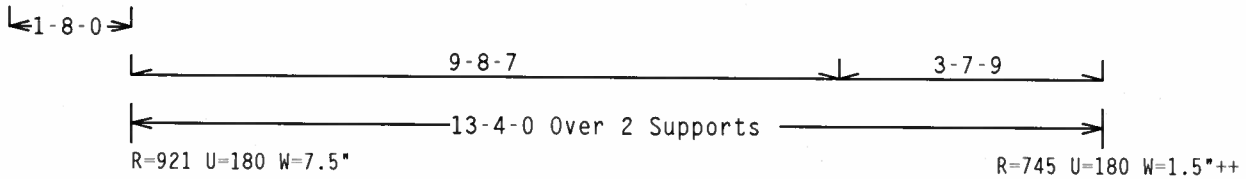
++ ANCHORAGE REQ'D TO PREVENT TRUSS FROM SLIPPING OFF BEARING.

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

Right end vertical not exposed to wind pressure.

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





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

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF R8228- 1828
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135062
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 164211
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - Z3)

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

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

Wind reactions based on MWFRS pressures.

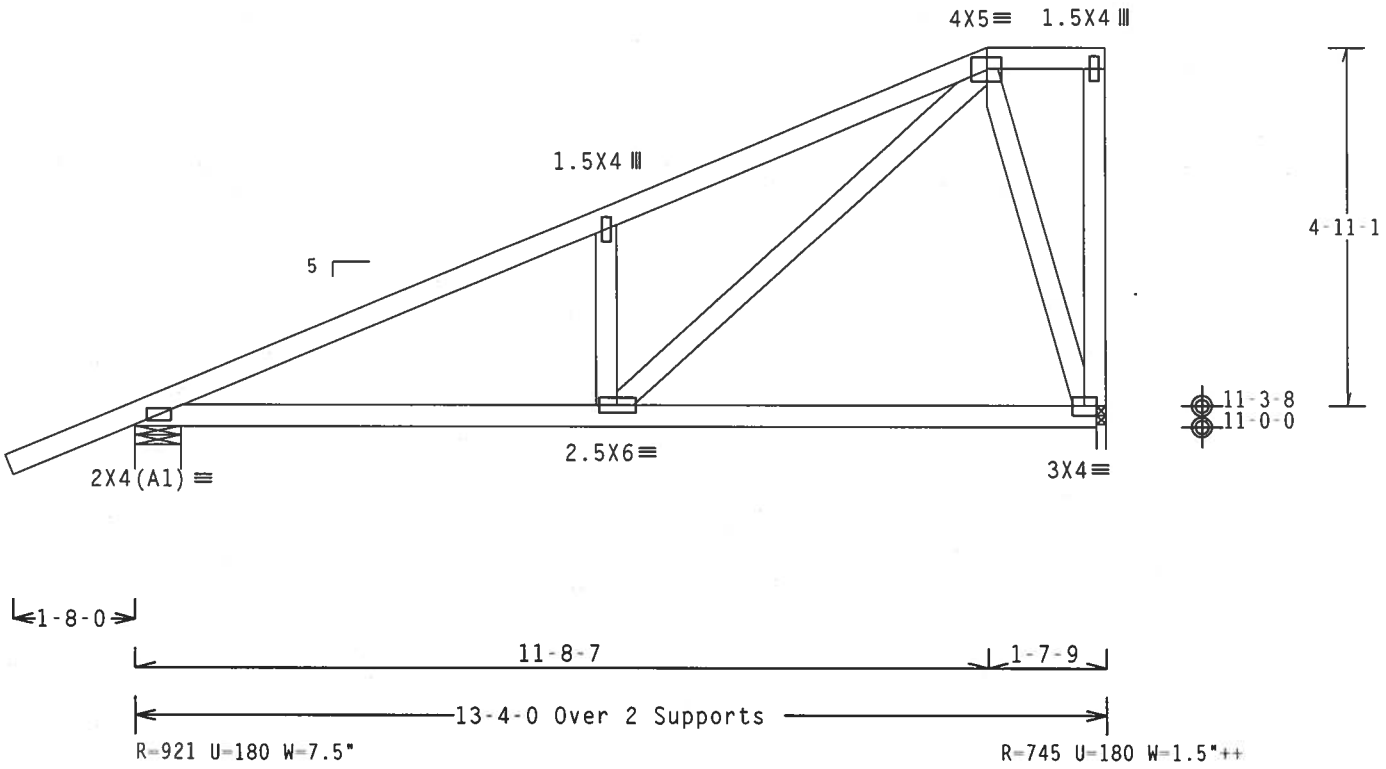
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.12 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

ALPINE

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

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

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.

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, '07

TC LL	30.0 PSF	REF	R8228- 1829
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135063
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	164271
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - T53)

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

Wind reactions based on MWFRS pressures.

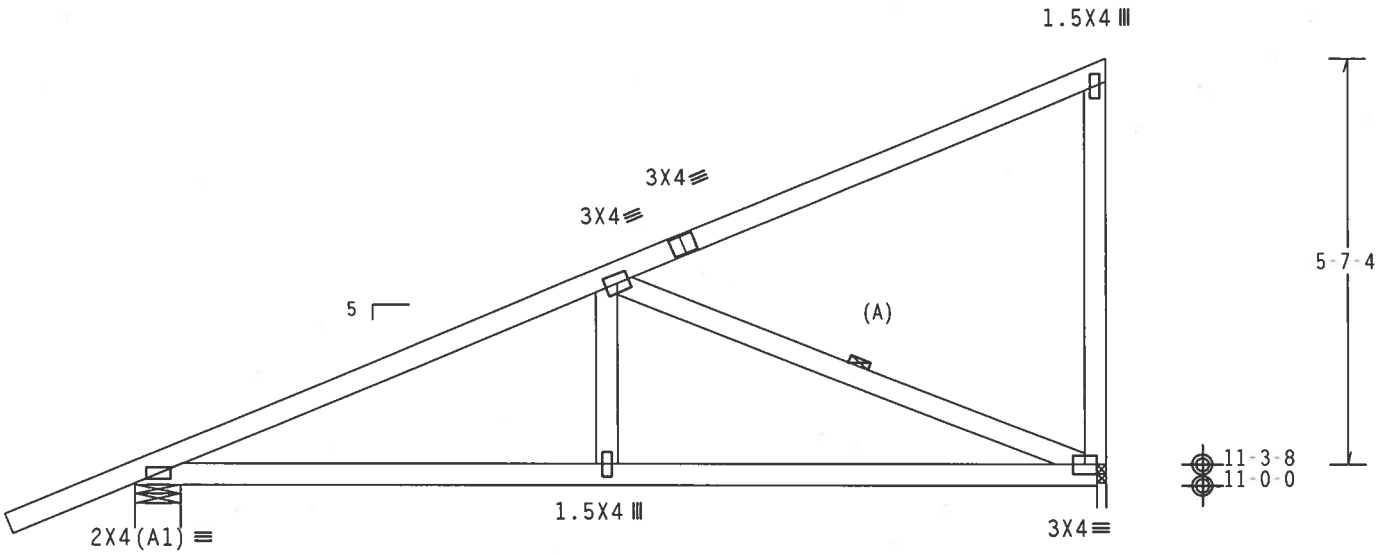
(A) Continuous lateral bracing equally spaced on member.

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

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

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.



1-8-0

13-4-0 Over 2 Supports

R=921 U=180 W=7.5"

R=745 U=180 W=1.5"++

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

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

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- 1830
DATE	05/15/07
DRW	HCUSR8228 07135064
	HC-ENG JB/AF
SEQN-	164277
FROM	AH
JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** ZGE)

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

Wind reactions based on MWFRS pressures.

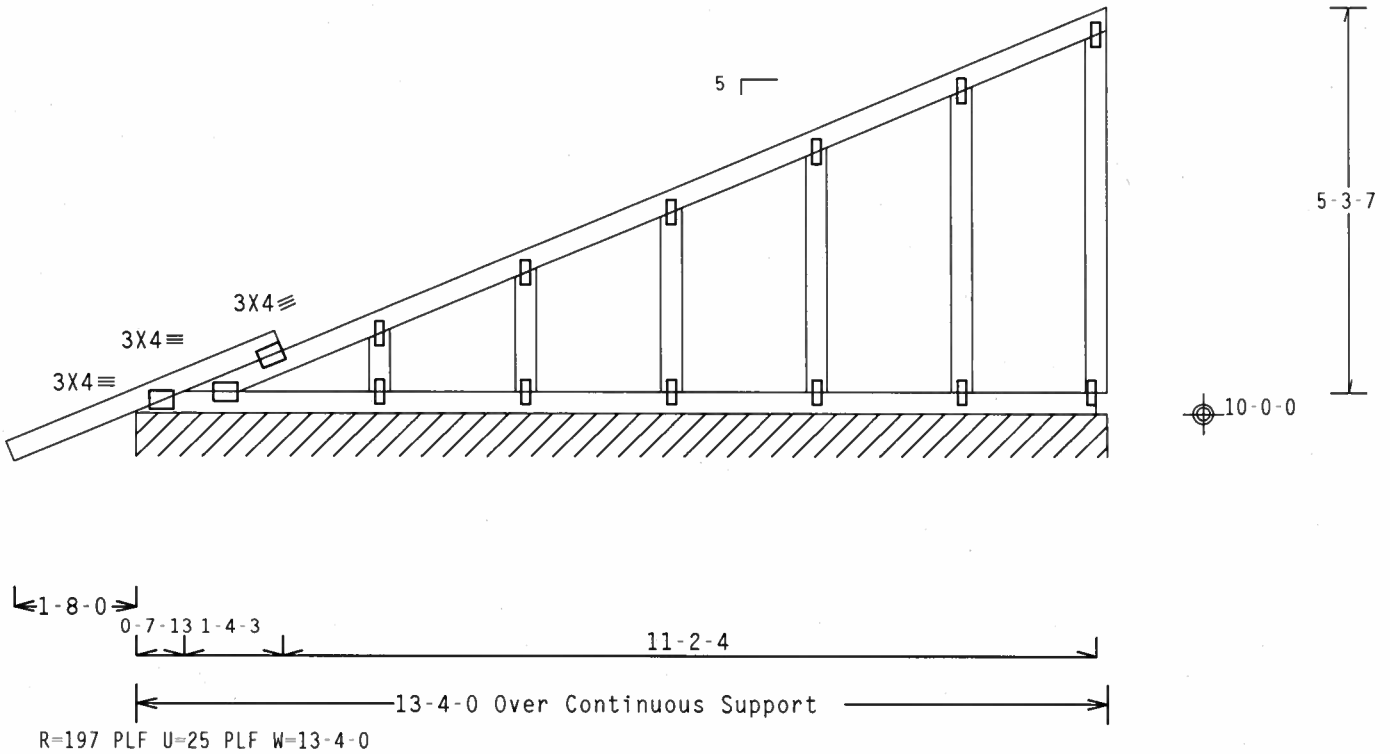
Truss spaced at 24.0" OC designed to support 1-8-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

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

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

Right end vertical not exposed to wind pressure.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

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

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1831
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135065
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	164227
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - FTG2)

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 90 PLF at 0.00 to 90 PLF at 7.00
BC - From 20 PLF at 0.00 to 20 PLF at 7.00
BC - 511 LB Conc. Load at 2.06, 4.06, 6.06

Wind reactions based on MWFRS pressures.

End verticals not exposed to wind pressure.

Truss must be installed as shown with top chord up.

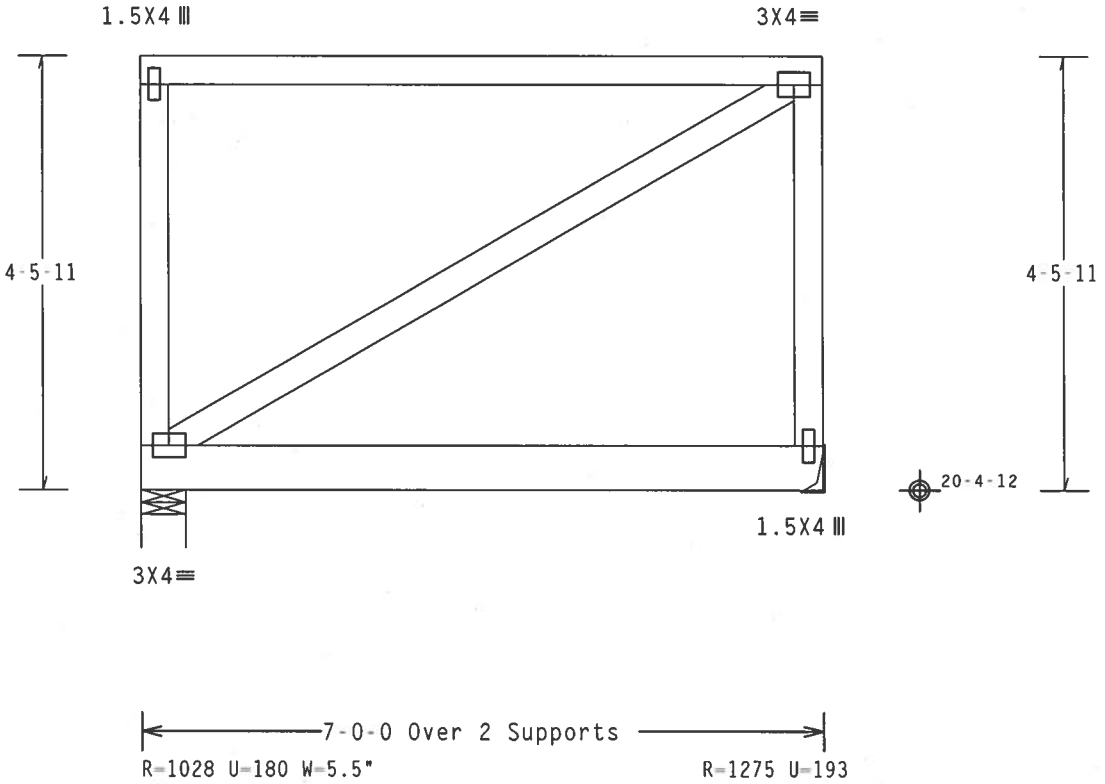
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25"_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 8.50" 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, 24.87 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

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



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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1832
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135066
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163741
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - FTG1)

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 90 PLF at 0.00 to 90 PLF at 7.00
BC - From 20 PLF at 0.00 to 20 PLF at 3.46
BC - From 22 PLF at 3.46 to 22 PLF at 5.46
BC - From 20 PLF at 5.46 to 20 PLF at 7.00
BC - 511 LB Conc. Load at 2.06, 4.06
BC - 513 LB Conc. Load at 6.06

Wind reactions based on MWFRS pressures.

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

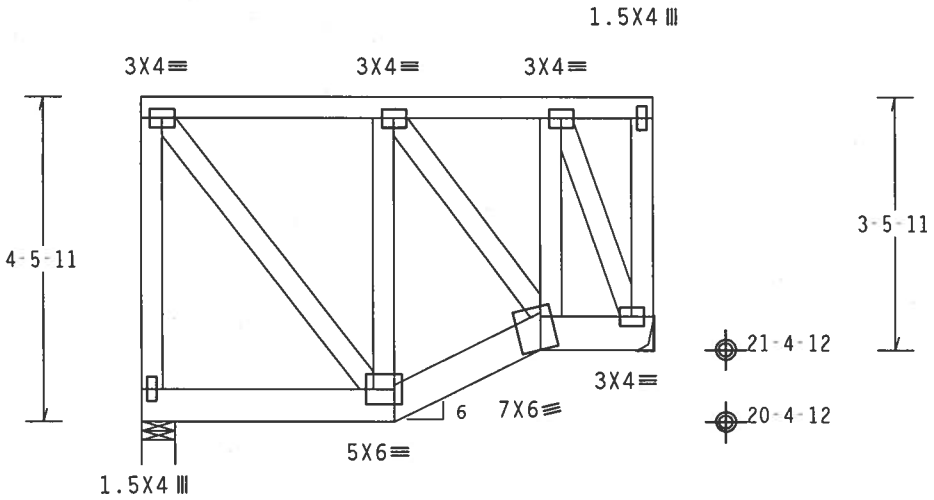
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 8.25" 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, 24.87 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

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

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



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

ARTHUR B. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

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- 1833
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135011
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163792
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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

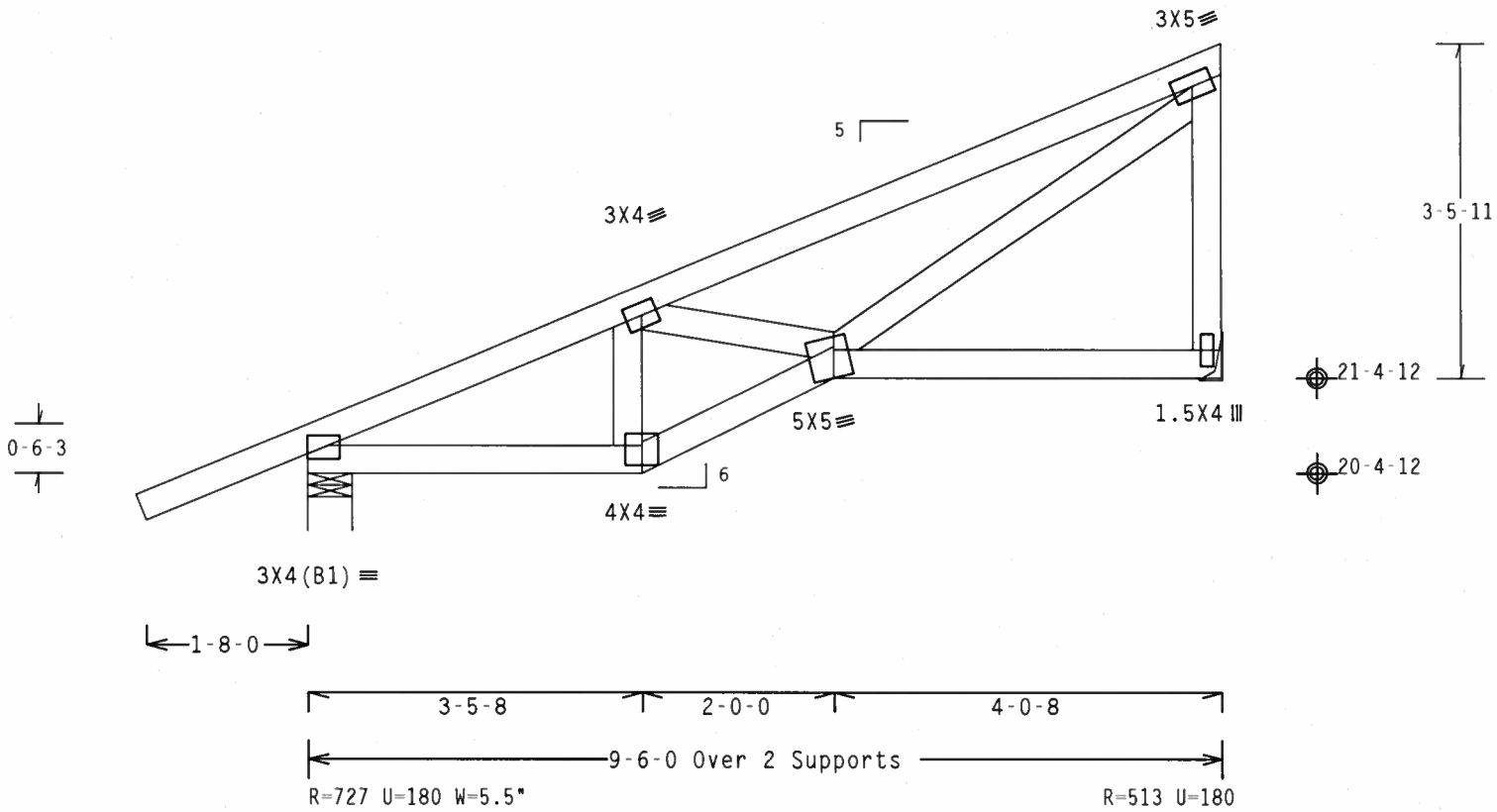
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

110 mph wind, 22.52 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

Right end vertical not exposed to wind pressure.



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

PLT TYP. Wave

ALPINE
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ARTHUR B. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF R8228- 1834
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135012
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 163752
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

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

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

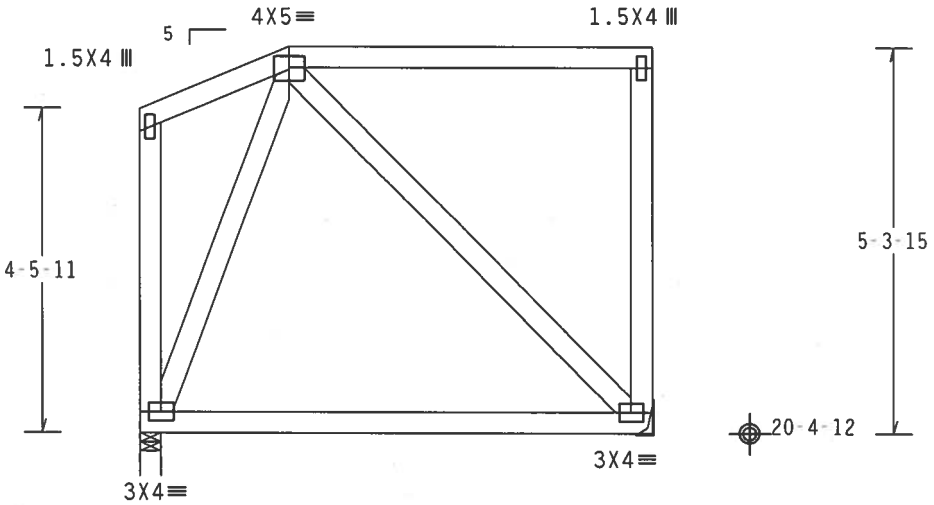
Wind reactions based on MWFRS pressures.

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

110 mph wind, 25.30 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

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.



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

PLT TYP. Wave

Scale =.375"/Ft.

ALPINE

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FL Certificate of Authorization # 567

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF R8228- 1835
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135013
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 163757
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

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

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

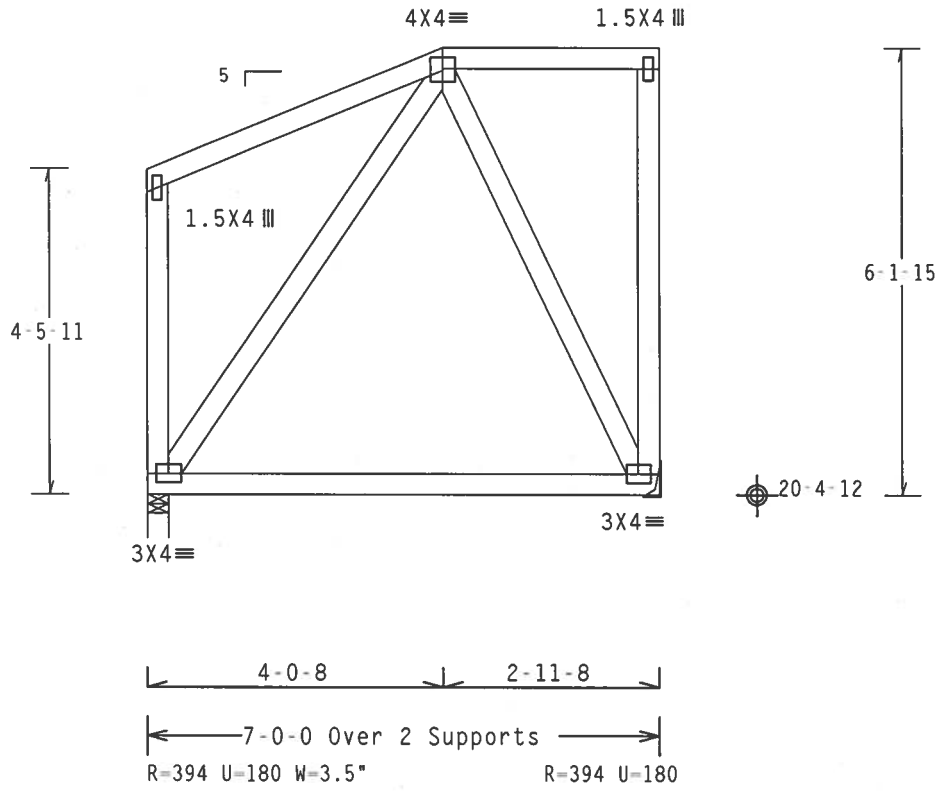
Wind reactions based on MWFRS pressures.

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

110 mph wind, 25.71 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

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.



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

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, 2007

TC LL	30.0 PSF	REF	R8228- 1836
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135014
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163762
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - FT5)

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

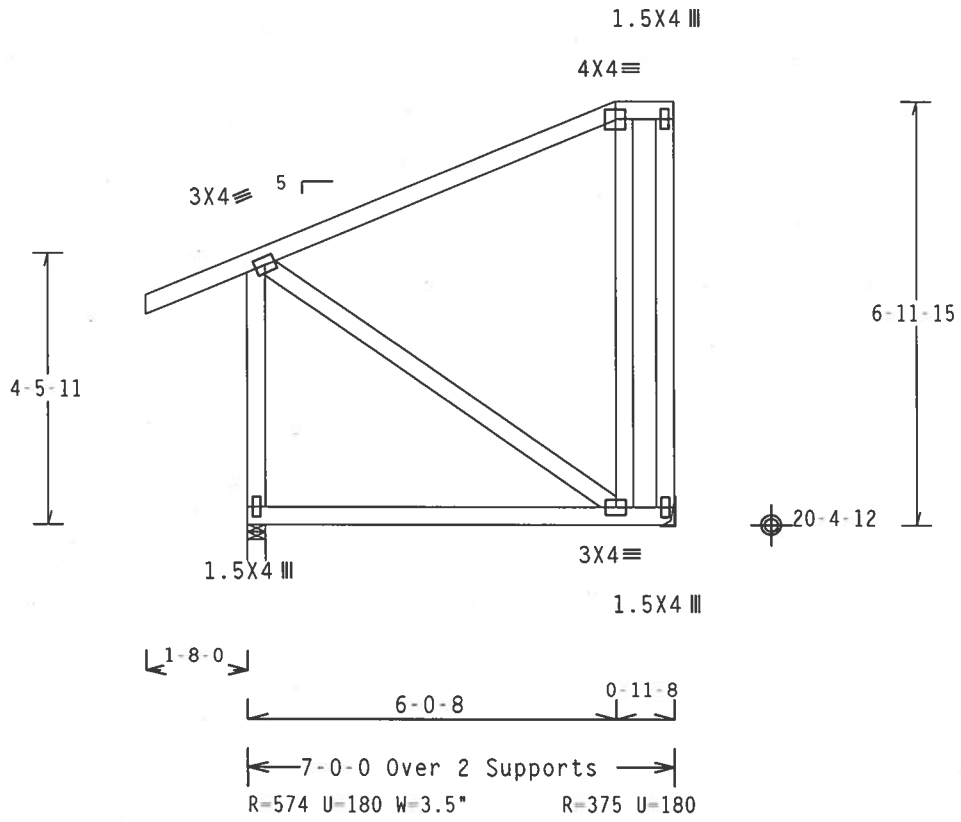
Wind reactions based on MWFRS pressures.

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

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

110 mph wind, 25.78 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

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



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

PLT TYP. Wave

Scale =.3125"/Ft.

ALPINE

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1837
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135067
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163767
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - FT4)

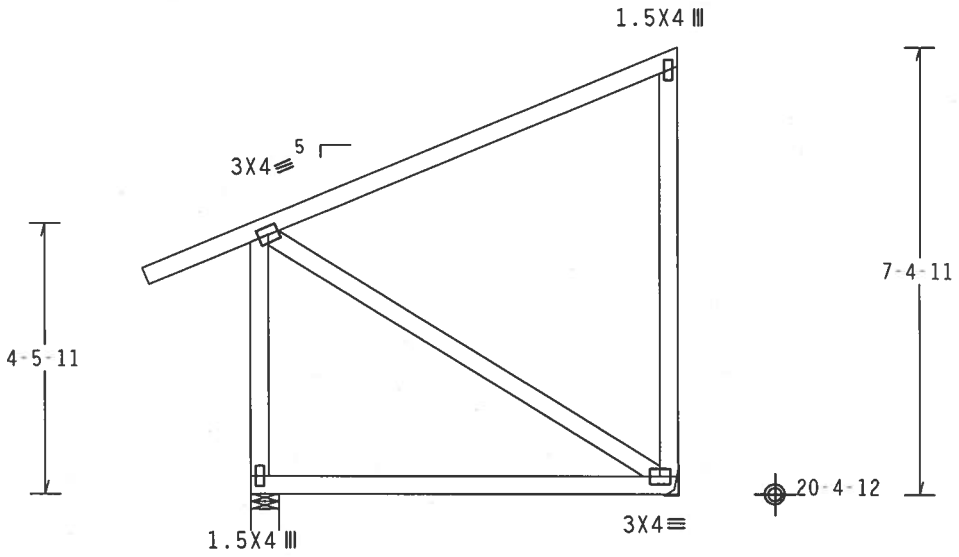
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

110 mph wind, 25.96 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

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



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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

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- 1838
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135015
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163772
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** FT3)

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

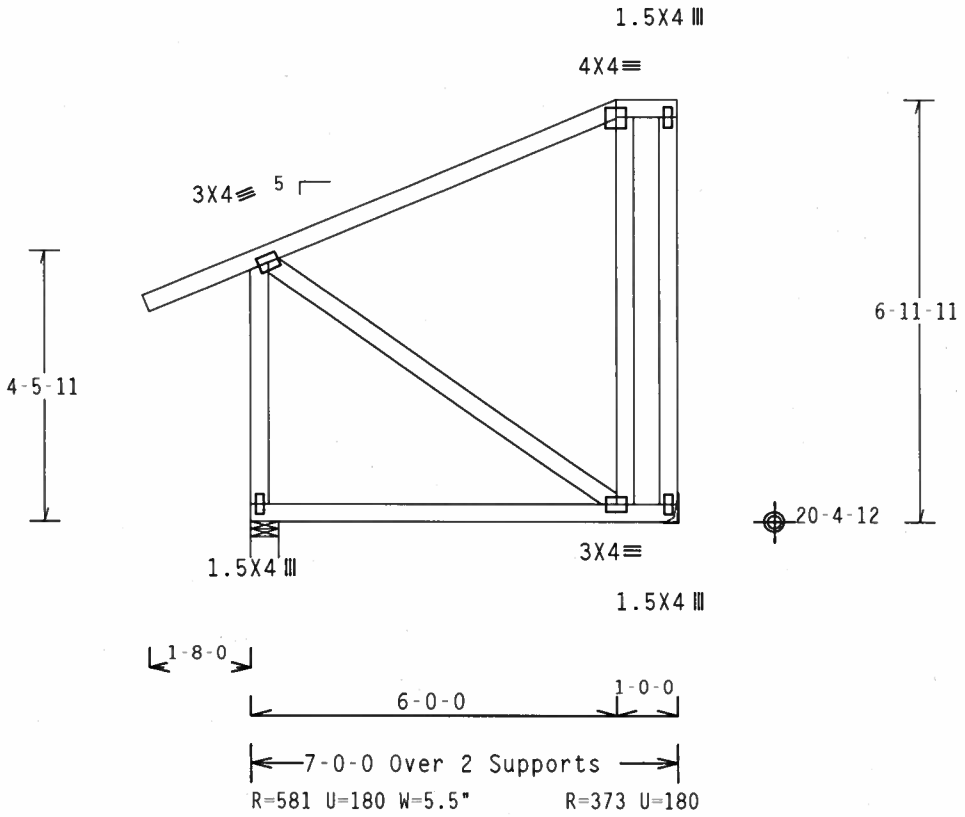
Wind reactions based on MWFRS pressures.

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

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

110 mph wind, 25.75 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

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



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

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

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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, 07

TC LL	30.0 PSF	REF	R8228- 1839
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135016
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163777
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - FT2)

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

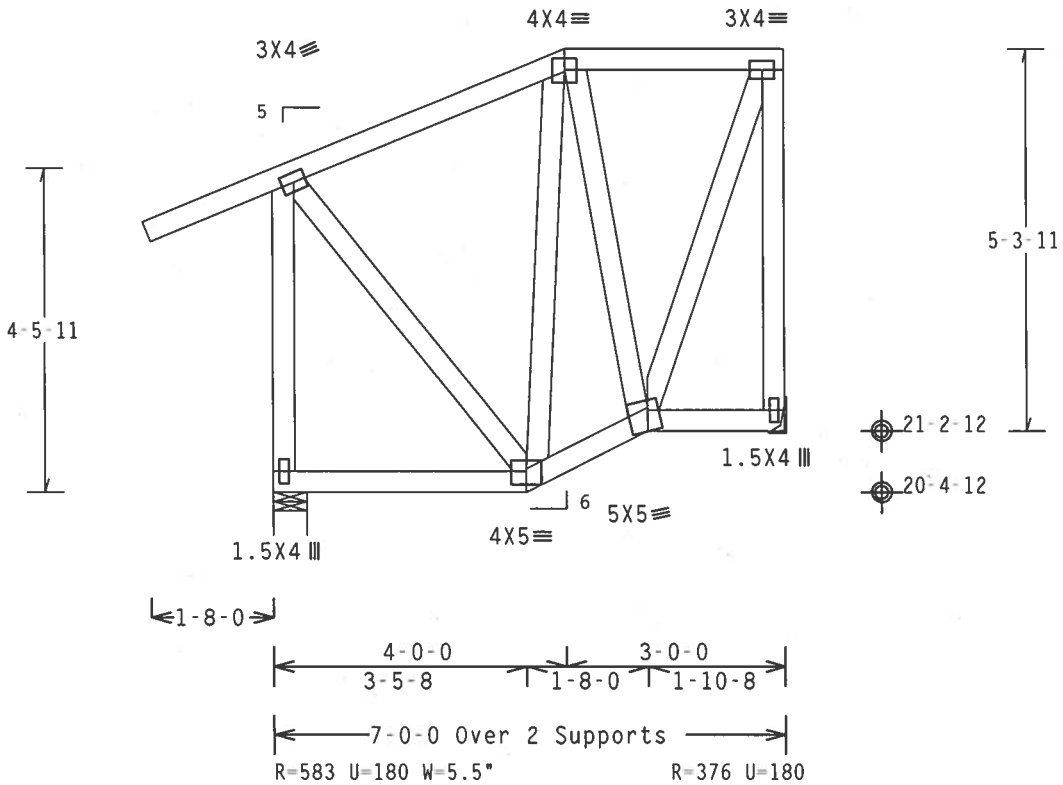
Wind reactions based on MWFRS pressures.

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

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

110 mph wind, 25.33 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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.[illegible] TY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15, 07

TC LL	30.0 PSF	REF	R8228- 1840
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135017
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163782
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - FT1)

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

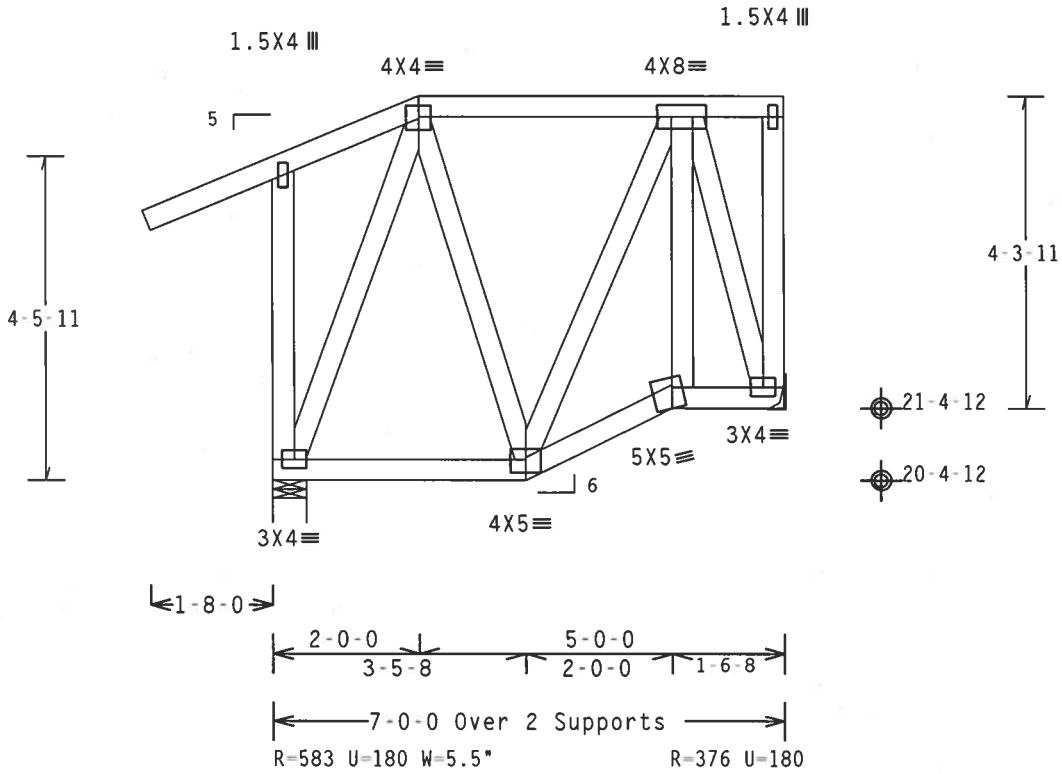
Wind reactions based on MWFRS pressures.

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

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

110 mph wind, 24.92 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

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



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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1841
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135018
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	164161
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7 10OR Isaac Construction NICK PATEL RES. , ** X1)

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

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

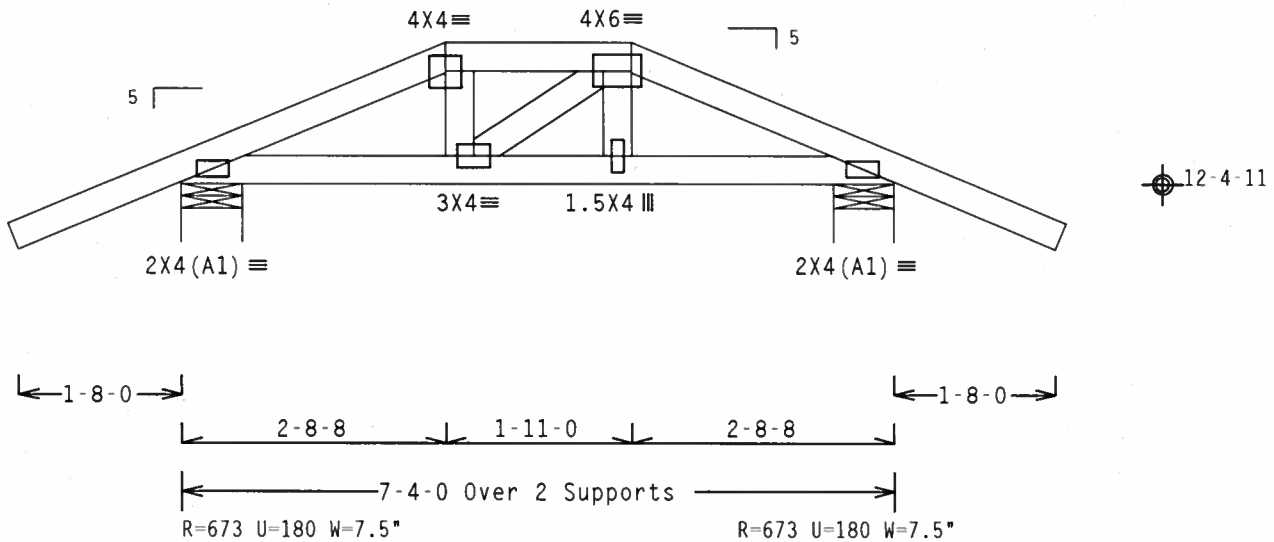
Wind reactions based on MWFRS pressures.

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

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

TC	From	92 PLF	at	-1.78	to	92 PLF	at 2.71
TC	From	92 PLF	at	2.71	to	92 PLF	at 4.63
TC	From	92 PLF	at	4.63	to	92 PLF	at 9.11
BC	From	4 PLF	at	-1.78	to	4 PLF	at 0.00
BC	From	20 PLF	at	0.00	to	20 PLF	at 7.33
BC	From	4 PLF	at	7.33	to	4 PLF	at 9.11
TC		109 LB Conc. Load		at	2.77,	4.56	
BC		-28 LB Conc. Load		at	2.71,	4.63	
BC		12 LB Conc. Load		at	2.77,	4.56	

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



Design Crit: TPI-2002(STD)/FBC

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

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Haines City, FL 33844
FL Certificate of Authorization # 567

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ARTHUR R. FISHER
LICENSE
No. 59687
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 15, '07

TC LL	30.0 PSF	REF	R8228- 1842
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135019
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	164023
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

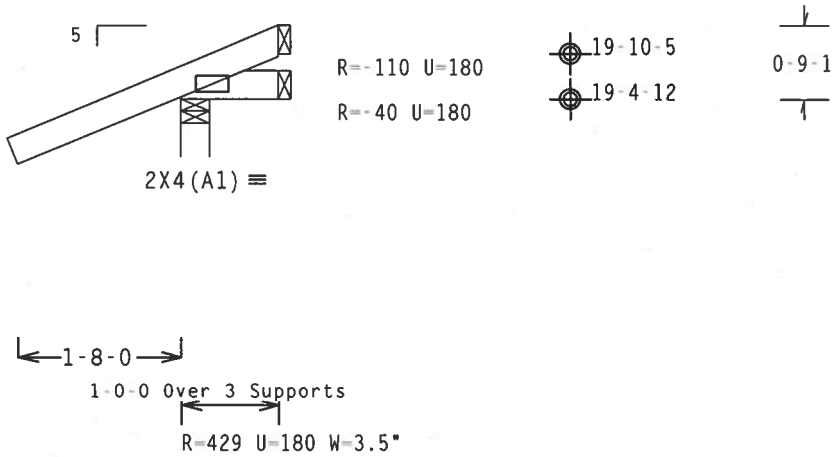
(7-100R--Isaac Construction NICK PATEL RES. -- , ** - X5)

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

Wind reactions based on MWFRS pressures.

110 mph wind, 19.57 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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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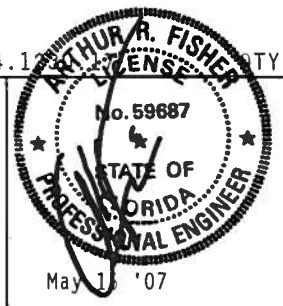


May 15 '07

TC LL	30.0 PSF	REF	R8228- 1843
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135020
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163550
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

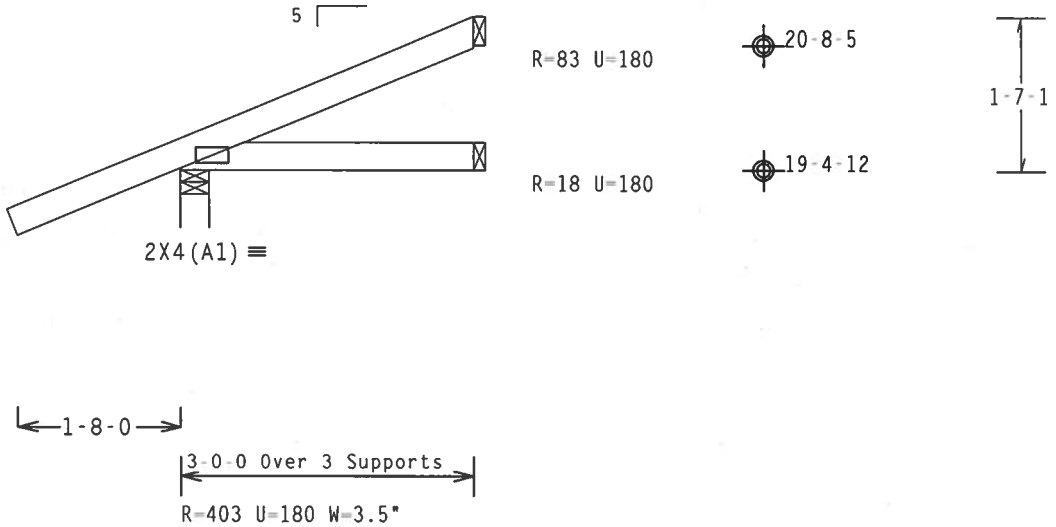
(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - X6)

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

Wind reactions based on MWFRS pressures.

110 mph wind, 19.99 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

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



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

PLT TYP. Wave

Scale =.5"/Ft.

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1844
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135021
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163555
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

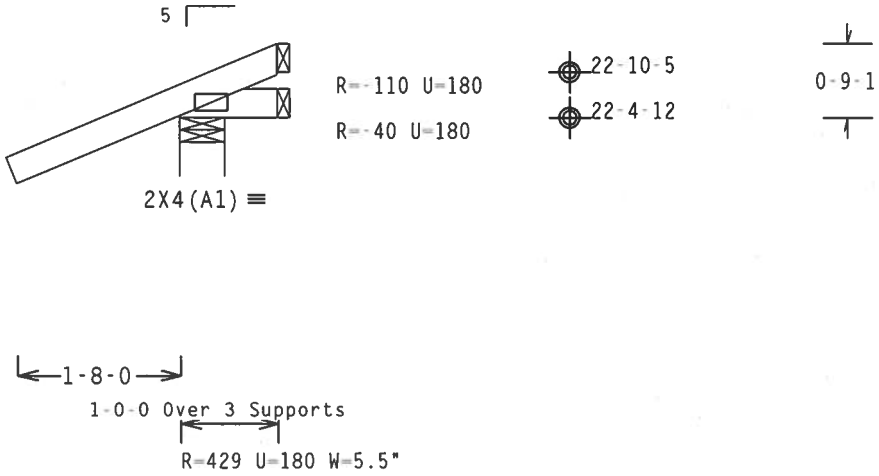
(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - X4)

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

Wind reactions based on MWFRS pressures.

110 mph wind, 22.57 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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

ALPINE

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

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May 15 '07

TC LL	30.0 PSF	REF	R8228-1845
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135022
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163623
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

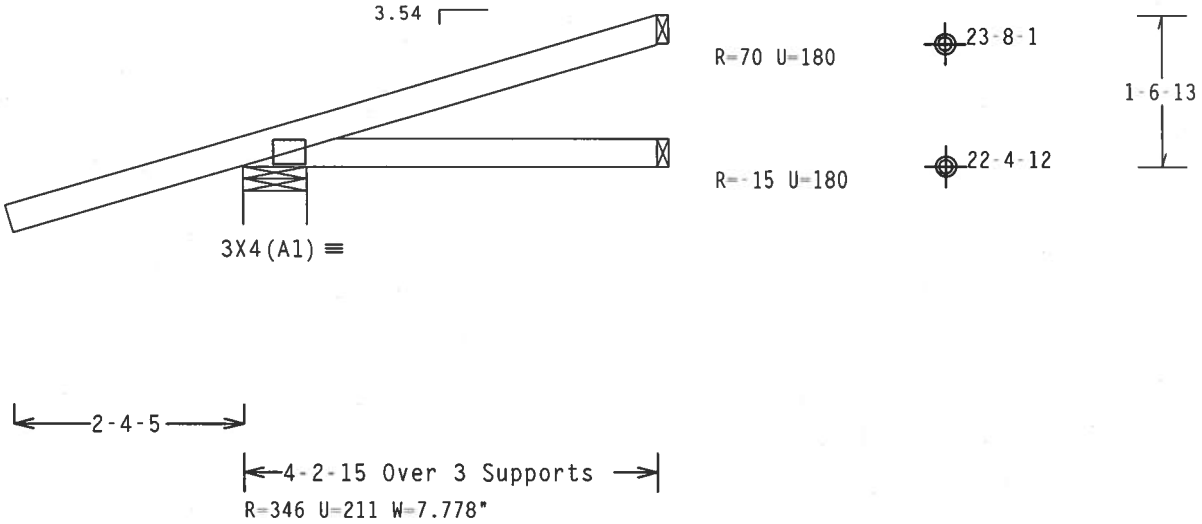
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

110 mph wind, 22.98 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.

SPECIAL LOADS
-------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 91 PLF at -2.44 to 91 PLF at 4.24
BC - From 4 PLF at -2.44 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 4.24
TC - -220 LB Conc. Load at 1.48
BC - -80 LB Conc. Load at 1.48

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



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

ALPINE
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1846
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135023
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163633
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

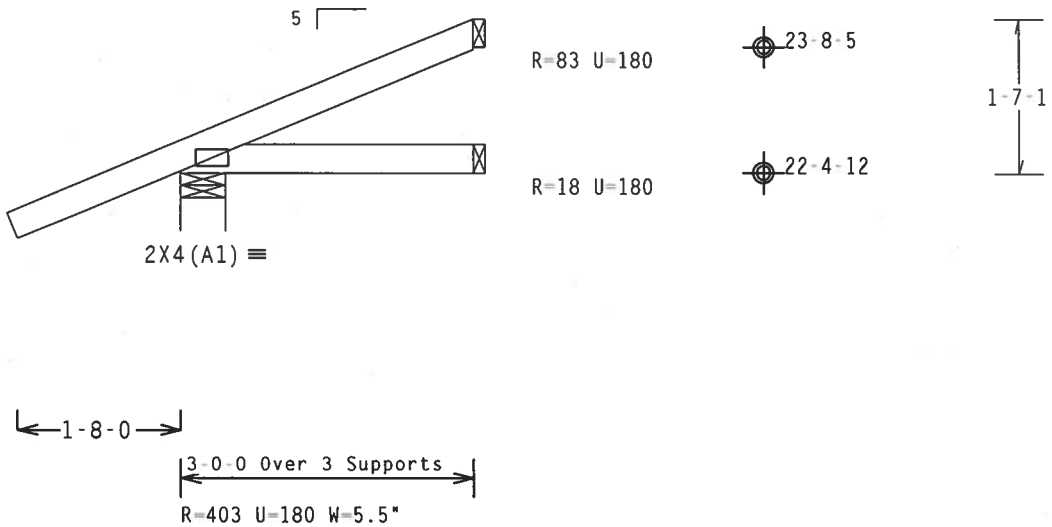
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Wind reactions based on MWFRS pressures.

110 mph wind, 22.99 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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

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

May 15 '07

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
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TC LL	30.0 PSF	REF	R8228- 1847
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135024
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163628
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

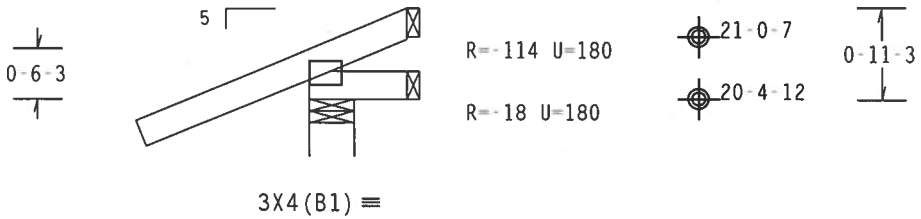
(7-100R--Isaac Construction NICK PATEL RES. -- , ** - CJ1)

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

Wind reactions based on MWFRS pressures.

110 mph wind, 20.75 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

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



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

PLT TYP. Wave

Scale =.5"/Ft.

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

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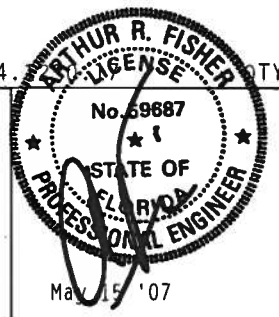


May 15 '07

TC LL	30.0 PSF	REF	R8228- 1848
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135025
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163647
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - HJ7)

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

110 mph wind, 21.99 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.

(A) (1) 2X4X CUT TO FIT SP#2 SCAB; ATTACH TO ONE FACE OF TRUSS LOCATED AS SHOWN WITH (3)10d BOX (0.128"X3.0") NAILS CLUSTERED AT TOP AND BOTTOM CHORD WITHOUT SPLITTING THE LUMBER.

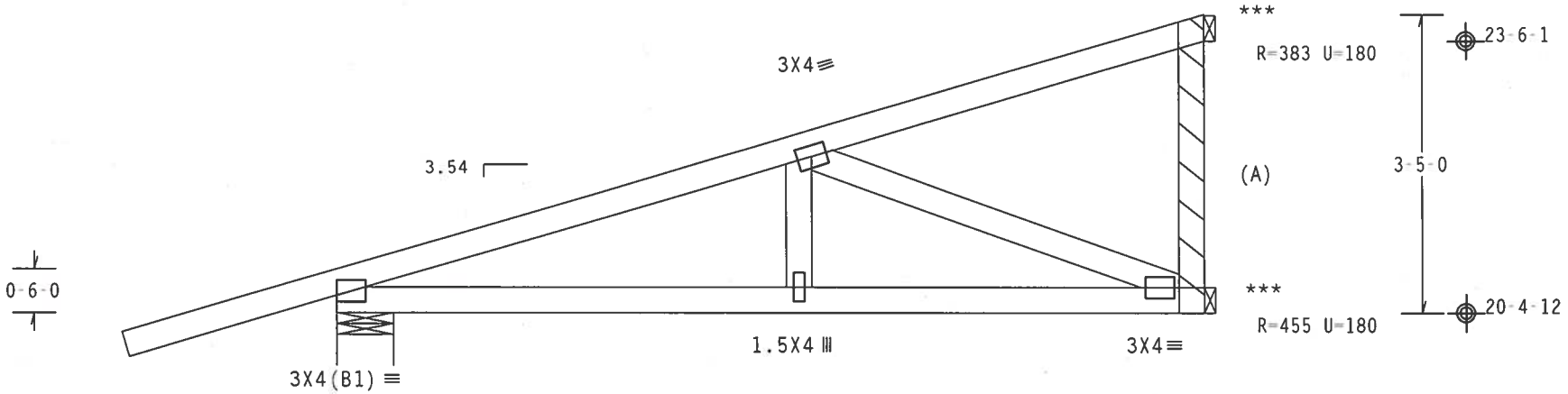
IN LIEU OF SINGLE SCAB (A) THE BOTTOM CHORD NAIL BEARING MAY BE REPLACED WITH A HANGER AS THE REACTION EXCEEDS 450#

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

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.

***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) 7.25.0 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
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Haines City, FL 33844
FL Certificate of Authorization # 667

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

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ARTHUR B. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1849
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135026
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	99600 REV
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

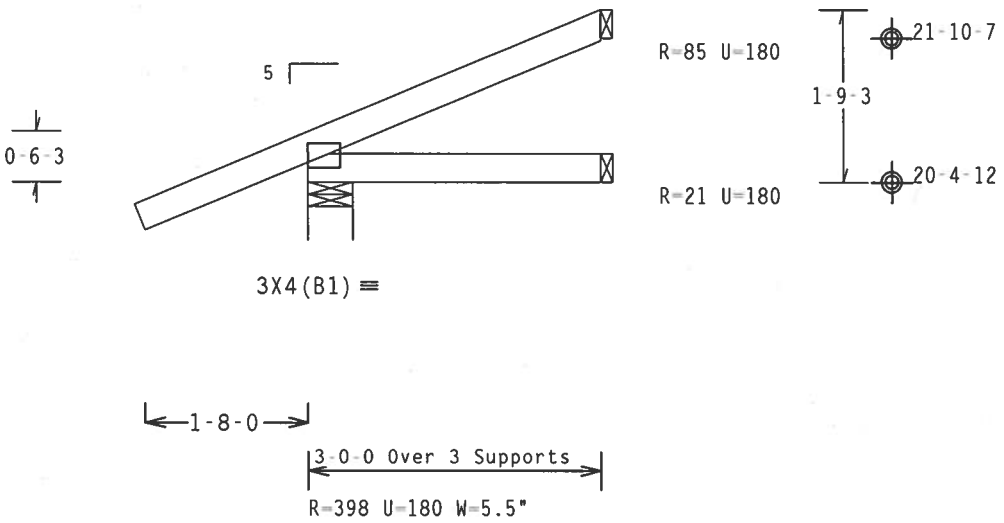
(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - CJ3)

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

Wind reactions based on MWFRS pressures.

110 mph wind, 21.17 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

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



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

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

ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1850
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135027
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	163652
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

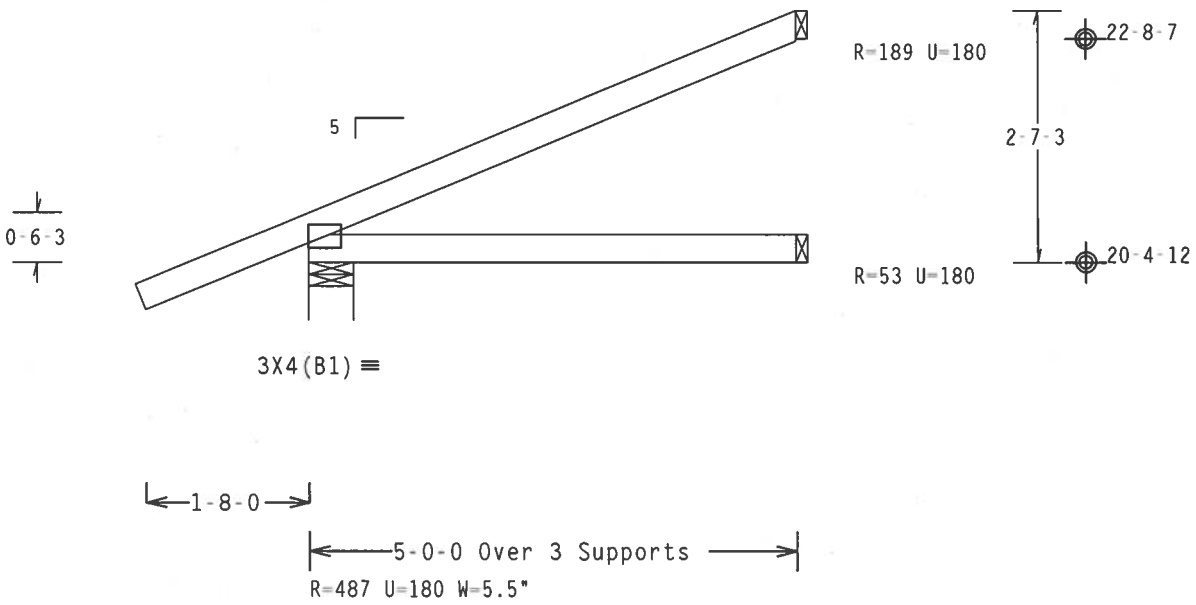
(7-100R--Isaac Construction NICK PATEL RES. -- , ** - CJ5)

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

Wind reactions based on MWFRS pressures.

110 mph wind, 21.58 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

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



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

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 11 '07

TC LL	30.0 PSF	REF	R8228- 1851
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135028
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163656
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

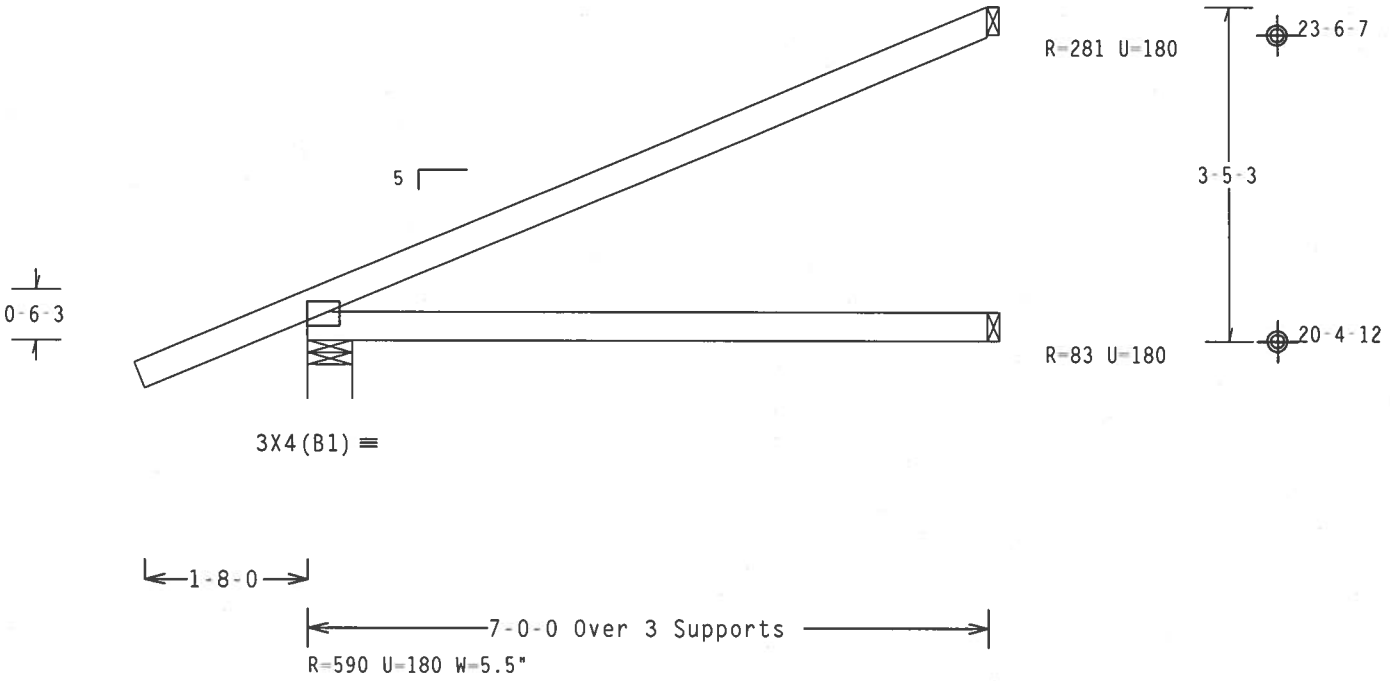
THIS DAG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Wind reactions based on MWFRS pressures.

110 mph wind, 22.00 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

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



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

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

ARTHUR B. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1852
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135029
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163660
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

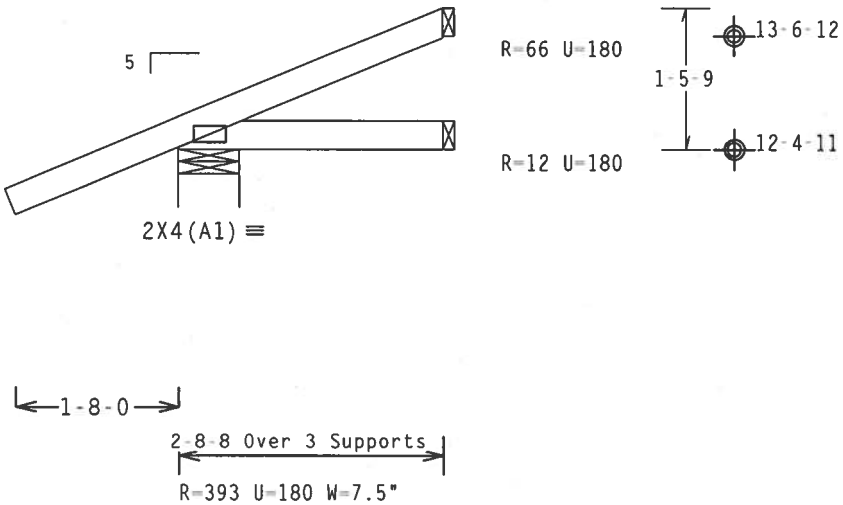
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Wind reactions based on MWFRS pressures.

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

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



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

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1853
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135030
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163998
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

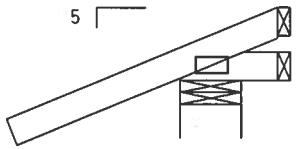
(7-100R--Isaac Construction NICK PATEL RES. -- , ** - X3)

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

Wind reactions based on MWFRS pressures.

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

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



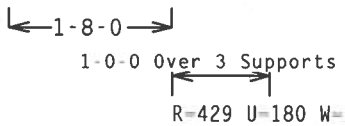
R=-110 U=180

R=-40 U=180

12-10-4

12-4-11

0-9-1



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

ALPINE

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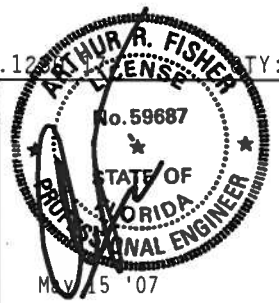


May 15 '07

TC LL	30.0 PSF	REF	R8228- 1854
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135031
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	164003
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - HJ3)

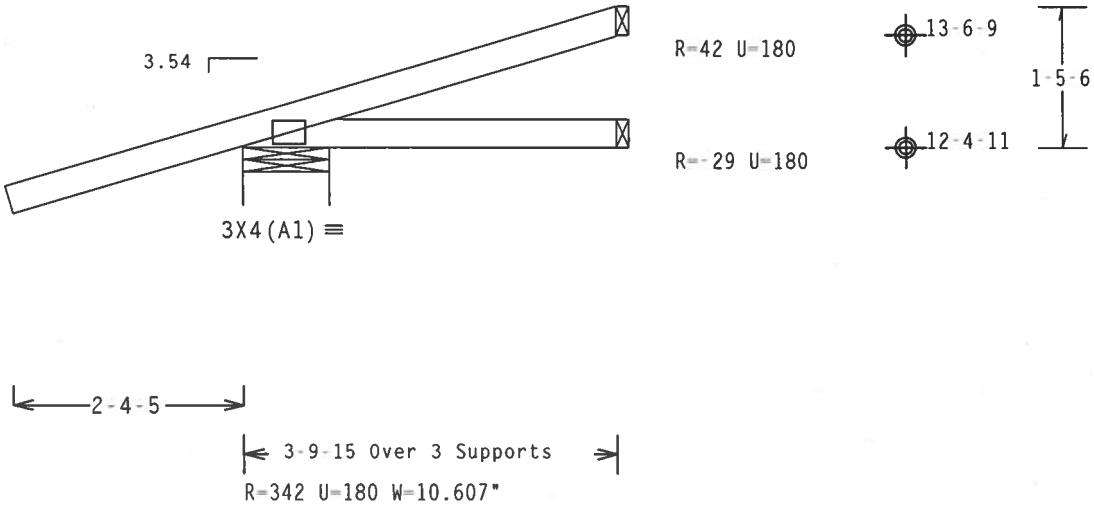
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 91 PLF at -2.44 to 91 PLF at 3.83
BC - From 4 PLF at -2.36 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 3.83
TC - -220 LB Conc. Load at 1.48
BC - -80 LB Conc. Load at 1.48

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



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

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Haines City, FL 33844
FL Certificate of Authorization # 567

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1855
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135032
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	164057
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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

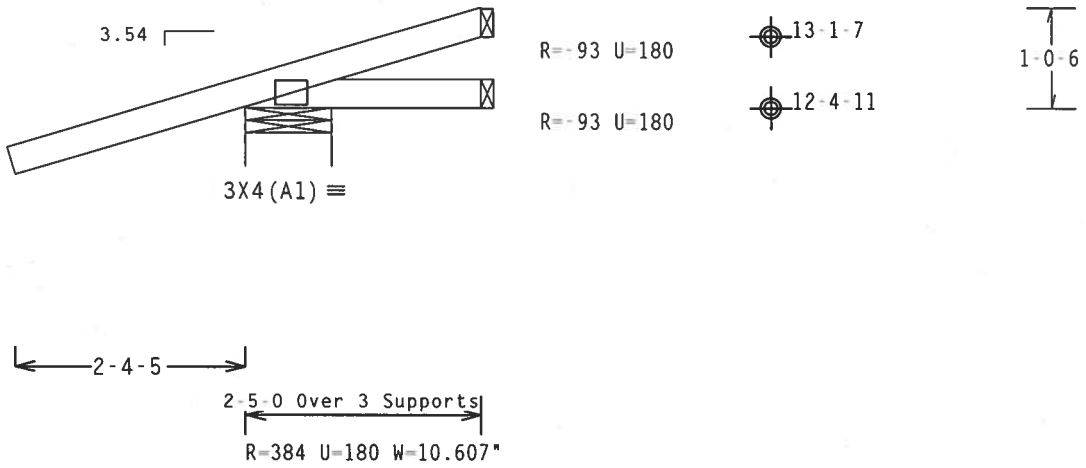
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 91 PLF at -2.44 to 91 PLF at 2.42
BC - From 4 PLF at -2.44 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 2.42
TC - -220 LB Conc. Load at 1.48
BC - -80 LB Conc. Load at 1.48

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



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

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

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

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

ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1856
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135033
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	164081
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

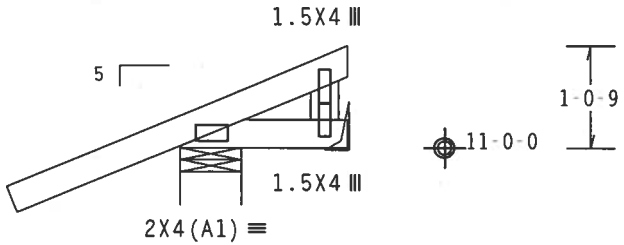
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

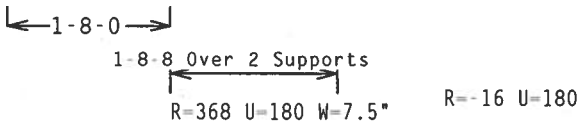
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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





Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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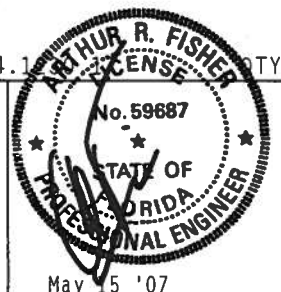


May 15 '07

TC LL	30.0 PSF	REF R8228- 1857
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135034
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 164101
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

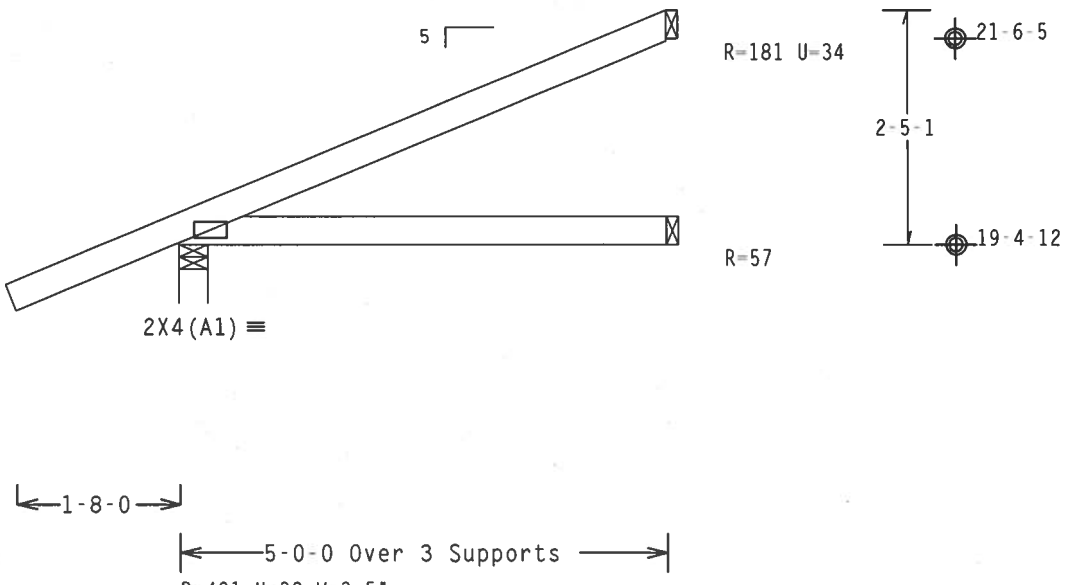
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

Wind reactions based on MWFRS pressures.

110 mph wind, 20.40 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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

PLT TYP. Wave

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

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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1858
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135035
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	22744
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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

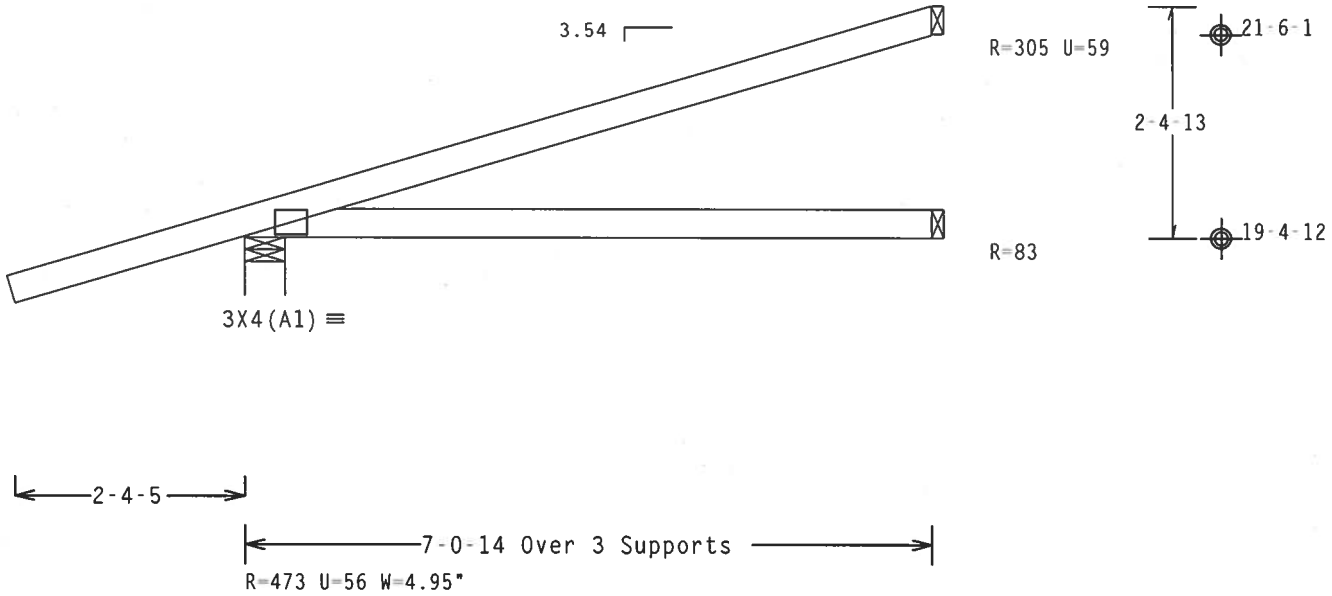
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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

110 mph wind, 20.40 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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0 TY:1 FL/-/4/-/-/R/-

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

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

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

May 15, '07

TC LL	30.0 PSF	REF R8228- 1859
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135036
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 22750
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

(7 100R Isaac Construction NICK PATEL RES. , ** GE2)

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

Wind reactions based on MWFRS pressures.

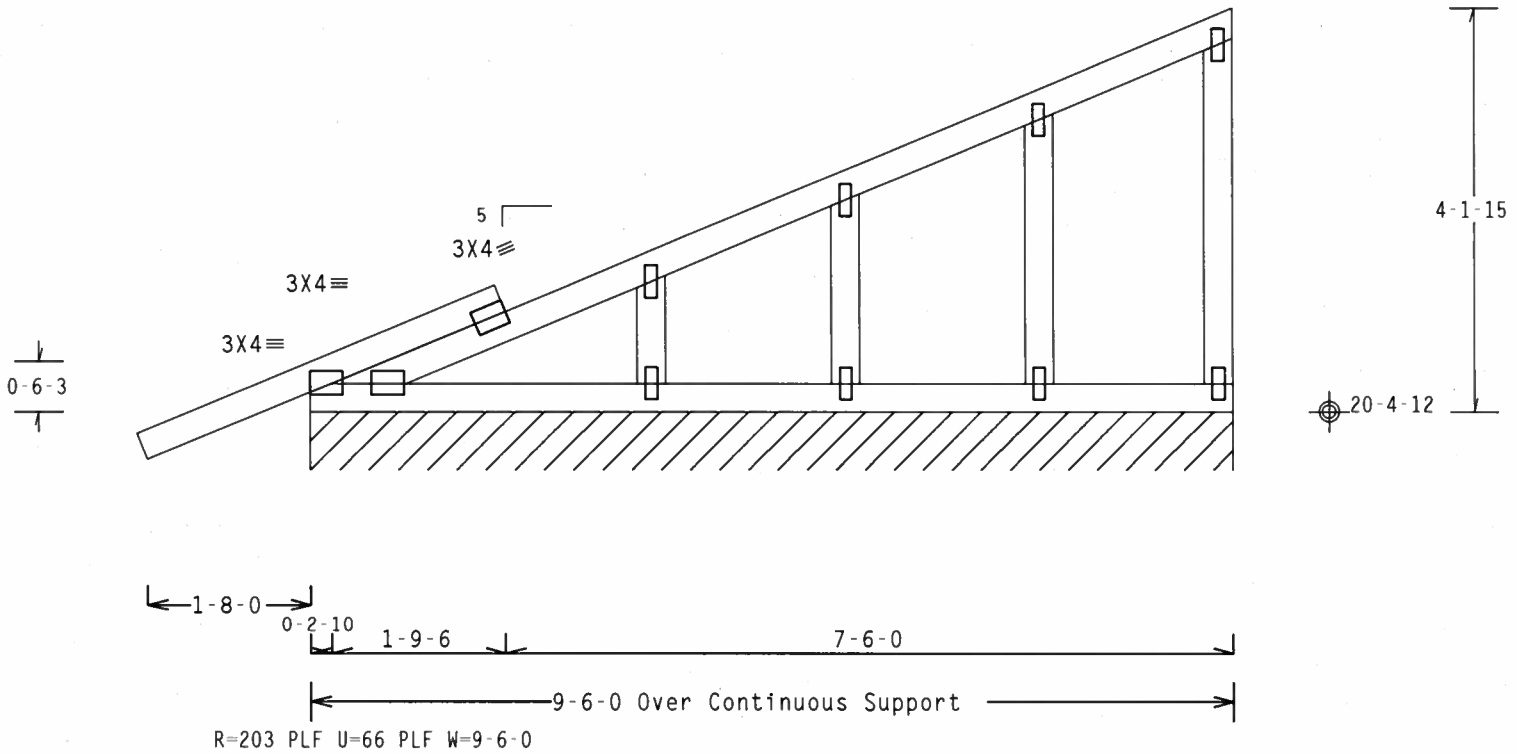
Truss spaced at 24.0" OC designed to support 1-8-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

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

110 mph wind, 22.36 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

Right end vertical not exposed to wind pressure.

See DWGS A11030EE0207 & GBLLETIN0207 for more requirements.



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) 7.36.0 TY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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ARTHUR R. FISHER LICENSE No.59687 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 '07

TC LL	30.0 PSF	REF	R8228- 1860
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135037
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	22781
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-10OR--Isaac Construction NICK PATEL RES. -- , ** - M3)

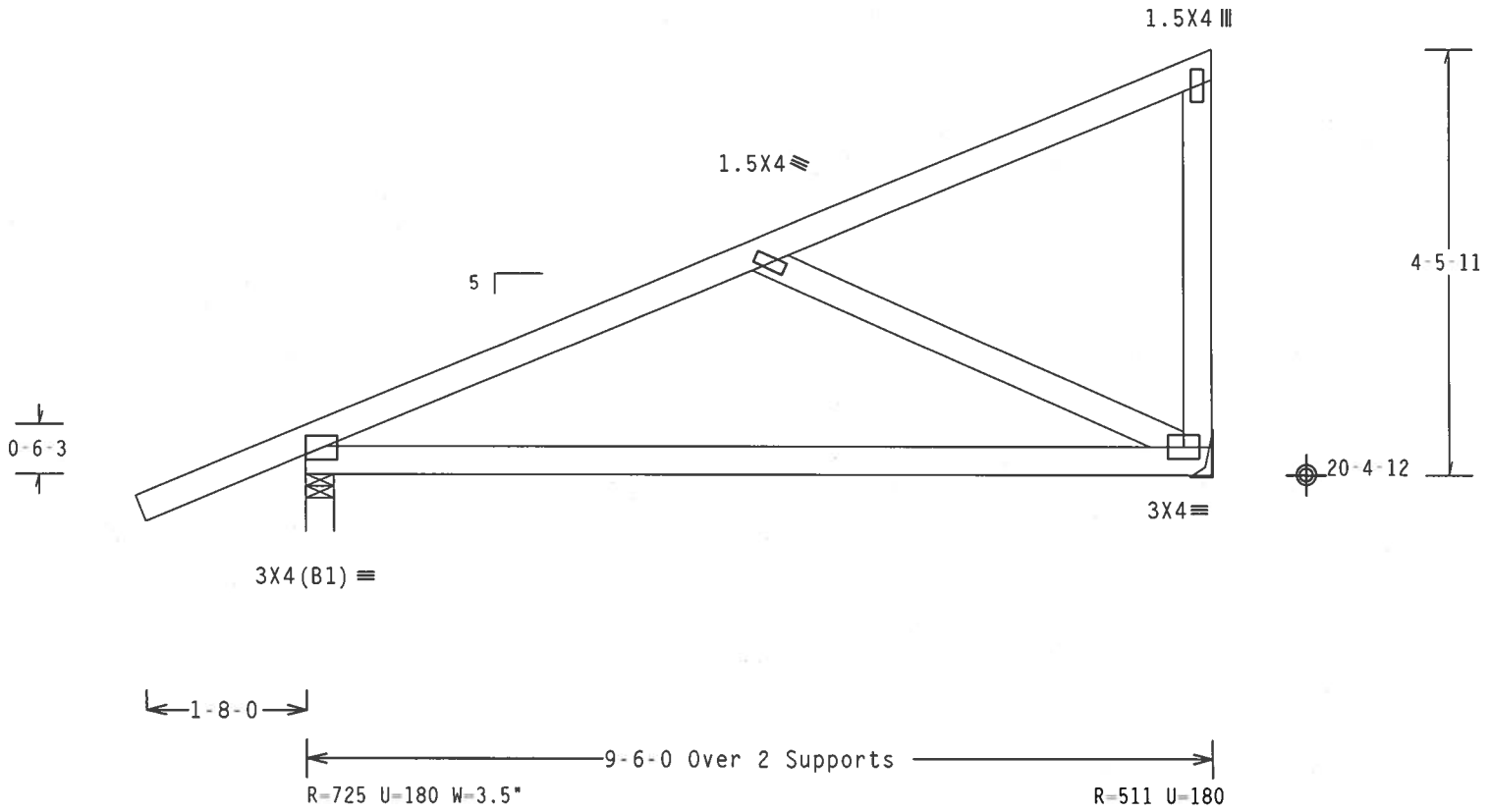
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

110 mph wind, 22.52 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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

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

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

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May 15 07

TC LL	30.0 PSF	REF	R8228- 1861
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135038
BC LL	0.0 PSF		HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN-	163734
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - M3A)

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

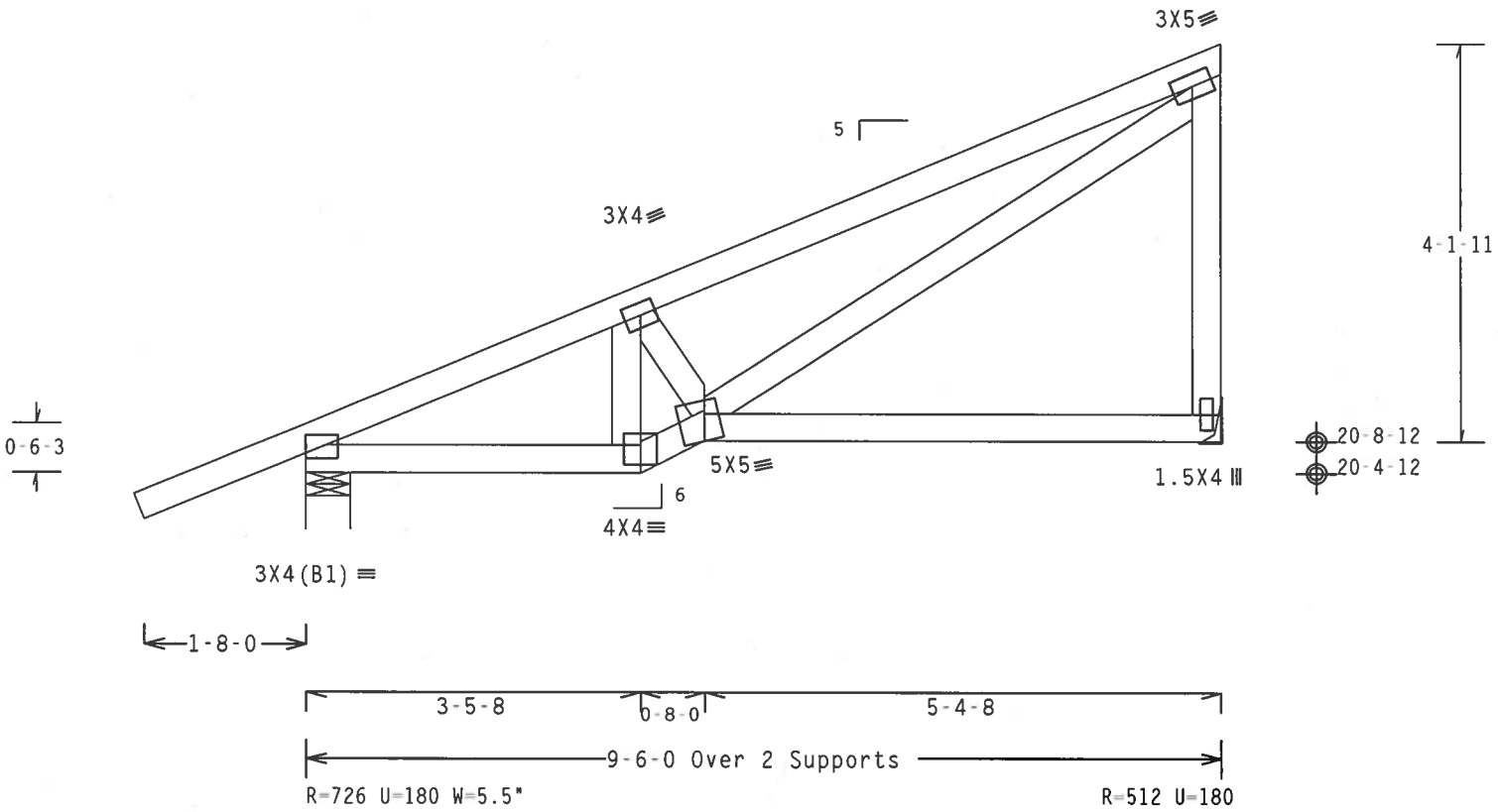
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

110 mph wind, 22.52 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

Right end vertical not exposed to wind pressure.



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

PLT TYP. Wave

Scale =.5"/Ft.

ALPINE

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

May 15 '07

TC LL	30.0 PSF	REF R8228- 1862
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135039
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 163747
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

(7-100R--Isaac Construction NICK PATEL RES. -- , ** - M1)

THIS JOB PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS TEAM.

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

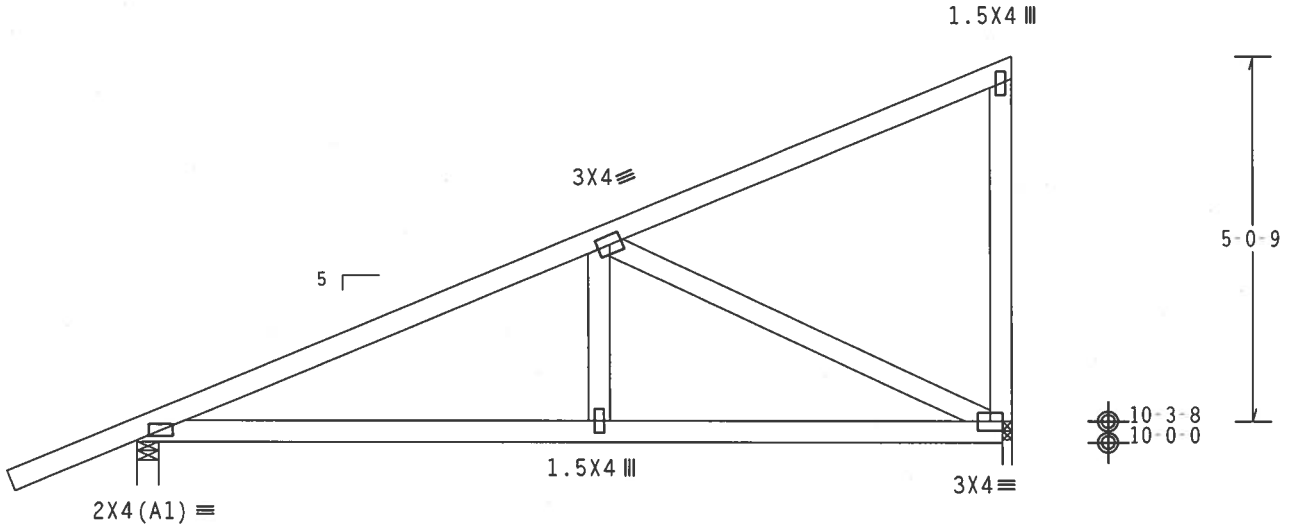
Wind reactions based on MWFRS pressures.

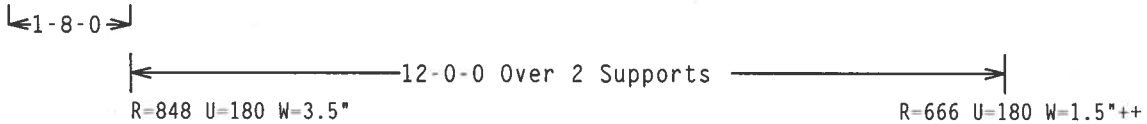
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, OPEN 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(+/-)=0.00

Right end vertical not exposed to wind pressure.





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

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

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ALPINE

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

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

May 15 '07

TC LL	30.0 PSF	REF R8228- 1863
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135040
BC LL	0.0 PSF	HC-ENG JB/AF
TOT.LD.	55.0 PSF	SEQN- 164234
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z02

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

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

Wind reactions based on MWFRS pressures.

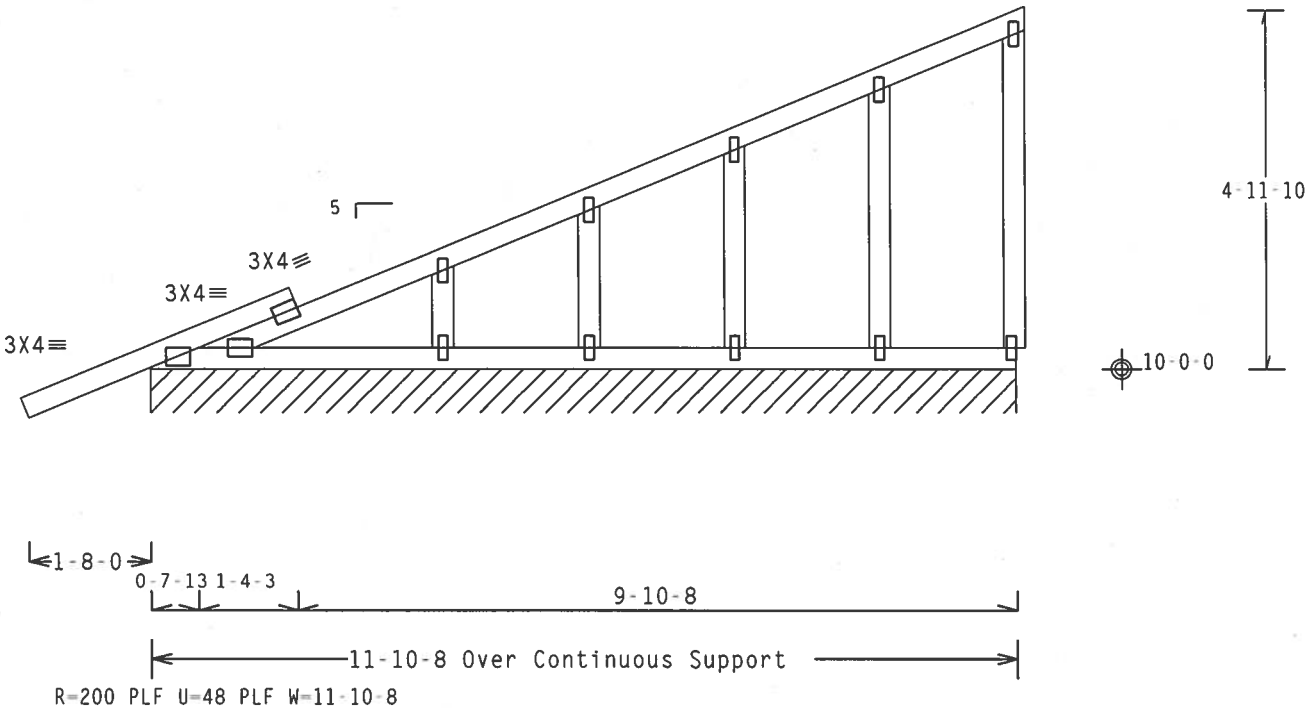
Truss spaced at 24.0" OC designed to support 1-8-0 top chord outlookers. Cladding load shall not exceed 4.00 PSF. Top chord must not be cut or notched.

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

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

Right end vertical not exposed to wind pressure.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.



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

ALPINE

ITW Building Components Group, Inc.
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ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

May 15 '07

TC LL	30.0 PSF	REF	R8228- 1864
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135041
BC LL	0.0 PSF	HC-ENG	JB/AF
TOT.LD.	55.0 PSF	SEQN-	23121
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z02

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.

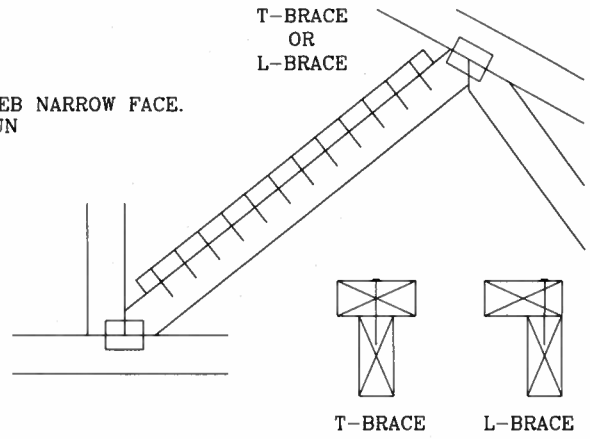
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

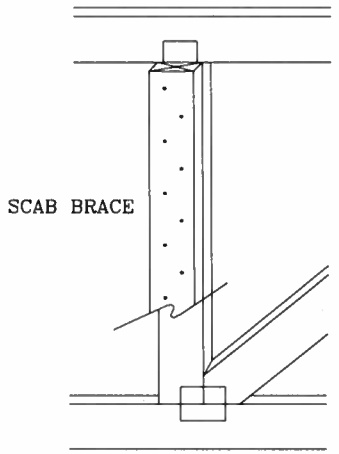
T-BRACING OR L-BRACING:

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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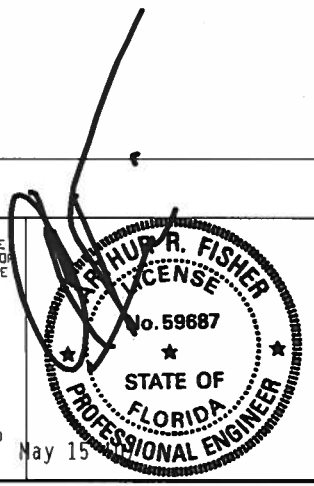


May 15

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

ASCE 7-02: 110 MPH WIND SPEED, 30' MEAN HEIGHT, ENCLOSED, I = 1.00, EXPOSURE C

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

SOUTHERN PINE
#3
STUD
STANDARD

GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

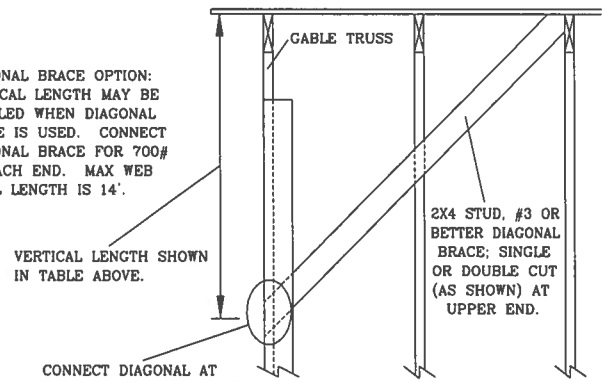
PROVIDE UPLIFT CONNECTIONS FOR 100 PLF OVER CONTINUOUS BEARING (5 PSF TC DEAD LOAD).

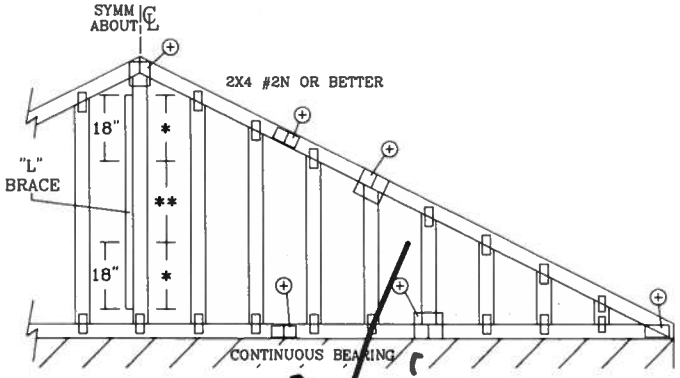
GABLE END SUPPORTS LOAD FROM 4' 0" OUTLOOKERS WITH 2' 0" OVERHANG, OR 12" PLYWOOD OVERHANG.

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

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

DIAGONAL BRACE OPTION: VERTICAL LENGTH MAY BE DOUBLED WHEN DIAGONAL BRACE IS USED. CONNECT DIAGONAL BRACE FOR 700# AT EACH END. MAX WEB TOTAL LENGTH IS 14'.





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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May 1

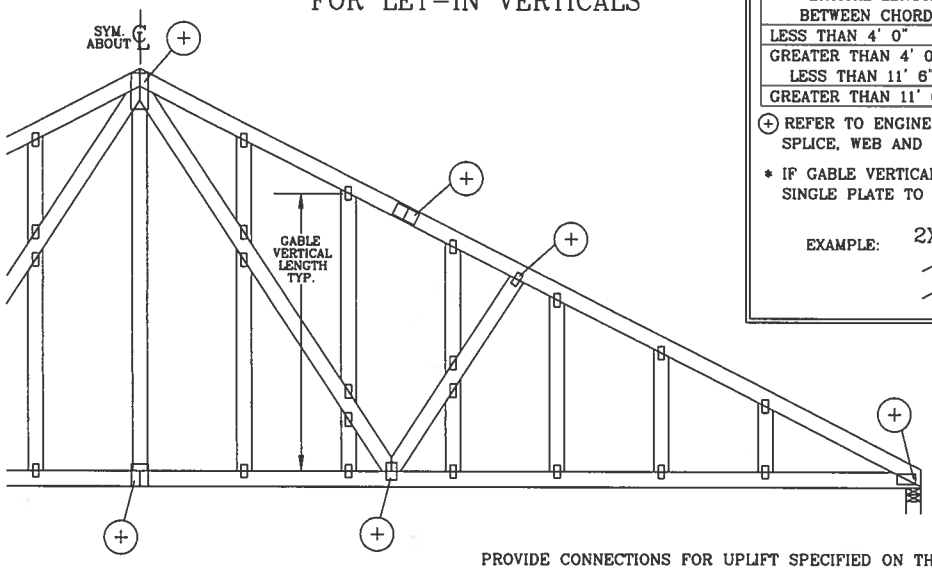
ARTHUR R. FISHER LICENSE No. 59687 STATE OF FLORIDA PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

GABLE DETAIL
FOR LET-IN VERTICALS

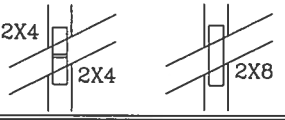


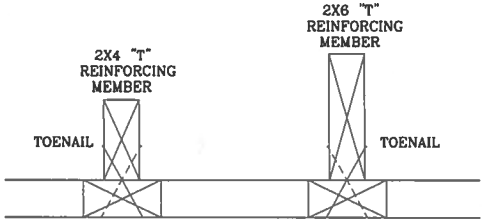
GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X8
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X8
GREATER THAN 11' 6"	2.5X4	2.5X8

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

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

EXAMPLE:





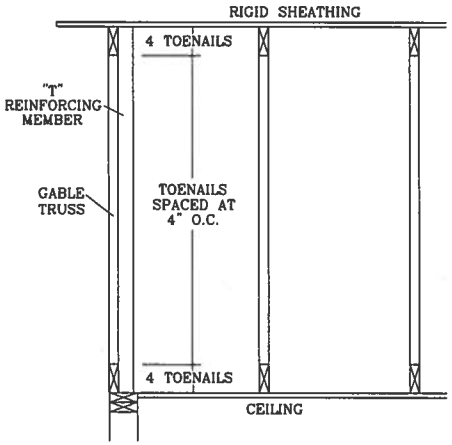
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

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

GUN DRIVEN NAILS:
8d COMMON (0.131"X 2.5",MIN) TOENAILS AT 4" O.C. PLUS
(4) TOENAILS IN TOP AND BOTTOM CHORD.

THIS DETAIL TO BE USED WITH THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

ASCE 7-93 GABLE DETAIL DRAWINGS
A11015EN0207, A10015EN0207, A09015EN0207, A08015EN0207, A07015EN0207, A11030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207

ASCE 7-98 GABLE DETAIL DRAWINGS
A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207, A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207

ASCE 7-02 GABLE DETAIL DRAWINGS
A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207, A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207

ASCE 7-05 GABLE DETAIL DRAWINGS
A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207, A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207

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

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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

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

May 1

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

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

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

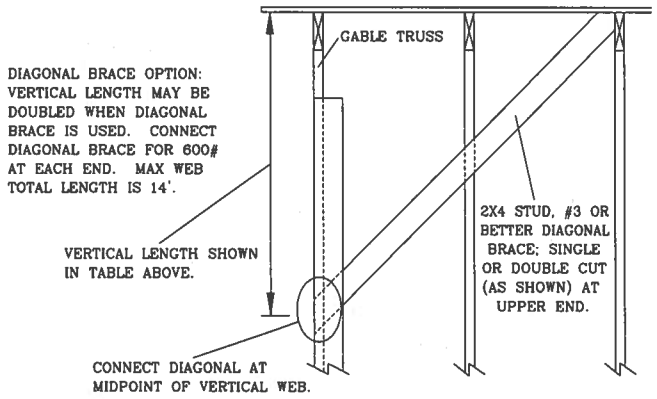
SOUTHERN PINE
#3
STUD
STANDARD

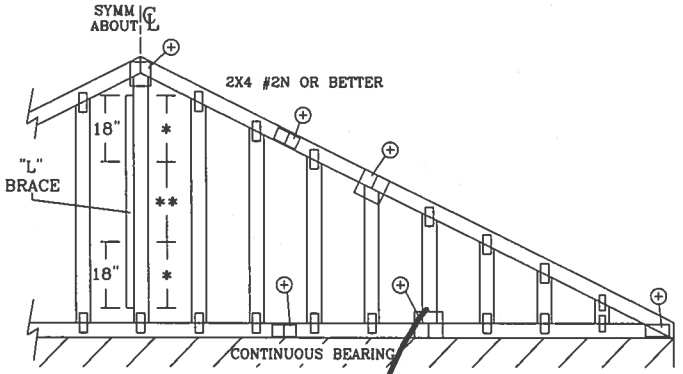
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

ATTACH EACH "L" BRACE WITH 10d NAILS.
* FOR (1) "L" BRACE: SPACE NAILS AT 2" O.C. IN 18" END ZONES AND 4" O.C. BETWEEN ZONES.
** FOR (2) "L" BRACES: SPACE NAILS AT 3" O.C. IN 18" END ZONES AND 8" O.C. BETWEEN ZONES.

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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

MAX. TOT. LD. 60 PSF

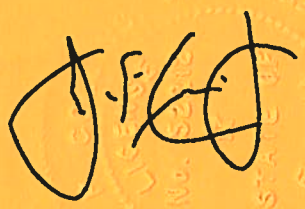
MAX. SPACING 24.0"

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

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:1T7D8228Z0115144822

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-100--Isaac Construction NICK PATEL FLOOR -- , **
Truss Count:	8
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Versions 7.36, 7.26.
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 - 55.0 PSF @ 1.00 Duration
	Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 05/15/2007

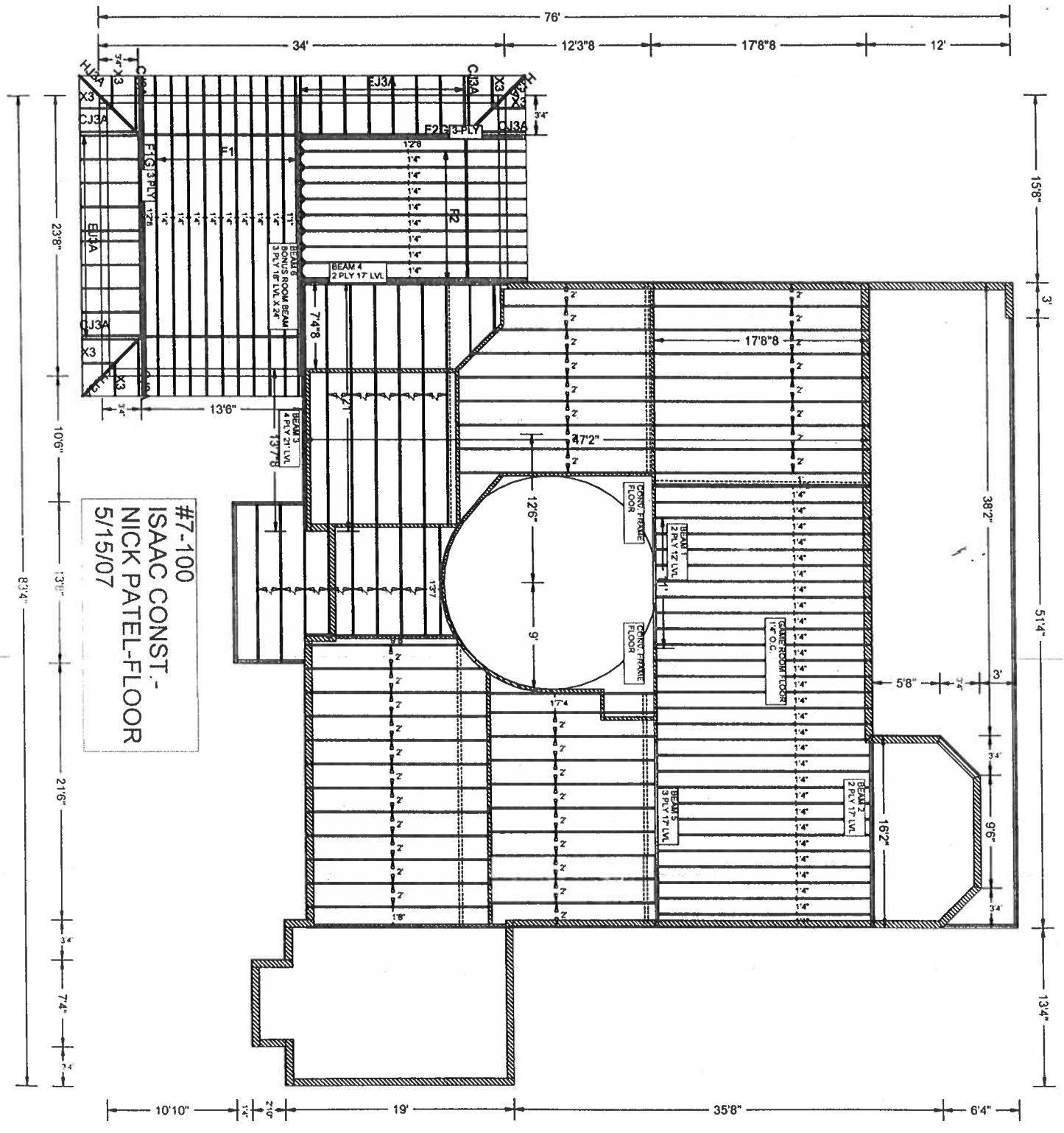
-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

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: -

#	Ref	Description	Drawing#	Date
1	01586	F2G	07135002	05/15/07
2	01587	F1	07135075	05/15/07
3	01588	F2	07135077	05/15/07
4	01589	F1G	07135078	05/15/07
5	01590	EJ3A	07135071	05/15/07
6	01591	CJ3A	07135072	05/15/07
7	01592	HJ3A	07135073	05/15/07
8	01593	X3	07135074	05/15/07



JOB DESCRIPTION:: Isaac Construction /: NICK PATEL FLOOR	JOB NO: 7-100	PAGE NO: 1 OF 1

(7-100--Isaac Construction NICK PATEL FLOOR -- , ** - F2G)

Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense:
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 135 PLF at -1.67 to 135 PLF at 3.33
TC - From 463 PLF at 3.33 to 463 PLF at 17.17
BC - From 10 PLF at 0.00 to 10 PLF at 3.33
BC - From 20 PLF at 3.33 to 20 PLF at 17.17
TC - 260 LB Conc. Load at 3.33
BC - 21 LB Conc. Load at 3.33

Wind reactions based on MWFRS pressures.

Trusses to be spaced at 16.0" OC maximum.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

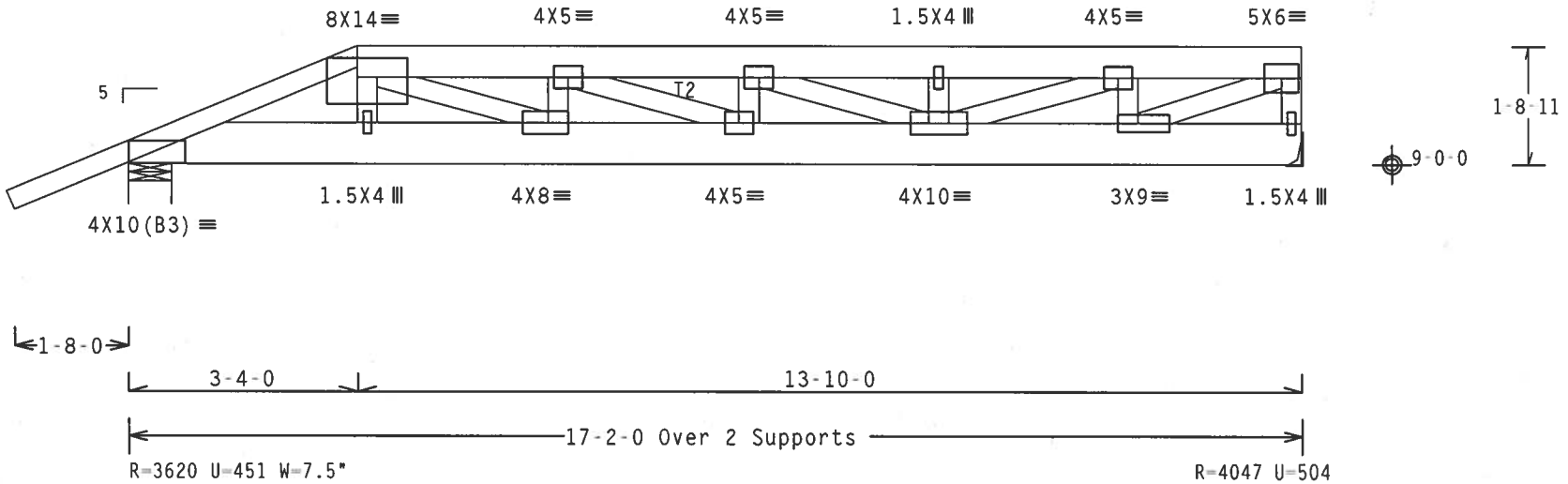
3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @ 6.00" 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, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.5 psf. Iw=1.00 GCpi(+/-)=0.18

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, 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 1 QTY:1 FL/-/4/-/-/R/- Scale =.375"/Ft.

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

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JAMES F. COLLINS JR. LICENSE No. 52272 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 07

TC LL	40.0 PSF	REF	R8228- 1586
TC DL	10.0 PSF	DATE	05/15/07
BC DL	5.0 PSF	DRW	HCUSR8228 07135002
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	55.0 PSF	SEQN-	23005
DUR.FAC.	1.00	FROM	AH
SPACING	16.0"	JREF-	1T7D8228Z01

(7-100--Isaac Construction NICK PATEL FLOOR -- , ** - F1)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3
:Lt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'
:Rt Slider 2x4 SP #3: BLOCK LENGTH = 1.500'

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.00 / PLATE DUR.FAC.=1.00)
TC - From 67 PLF at -1.78 to 67 PLF at 25.45
BC - From 7 PLF at 0.00 to 7 PLF at 23.67
TC - 1270 LB Conc. Load at 3.33, 20.33

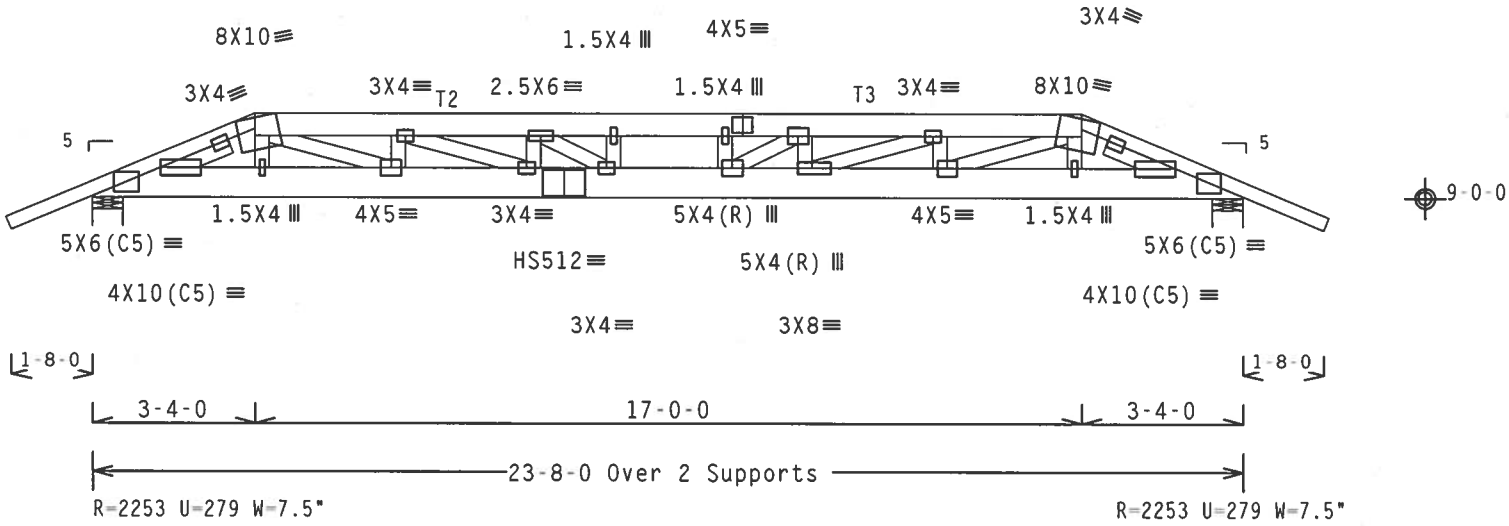
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.5 psf.

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

Trusses to be spaced at 16.0" OC maximum.

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) 7.26.0608 21 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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IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI1-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

JAMES F. COLLINS, JR. LICENSE NO. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 19 07

TC LL	40.0 PSF	REF R8228- 1587
TC DL	10.0 PSF	DATE 05/15/07
BC DL	5.0 PSF	DRW HCUSR8228 07135075
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	55.0 PSF	SEQN- 45583 REV
DUR.FAC.	1.00	FROM AH
SPACING	16.0"	JREF- 1T7D8228Z01

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

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x8 SP #1 Dense
Webs 2x4 SP #3

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 30 PLF at -1.67 to 30 PLF at 3.33
TC - From 67 PLF at 3.33 to 67 PLF at 17.17
BC - From 7 PLF at 0.00 to 7 PLF at 17.17
TC - 1270 LB Conc. Load at 3.33

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

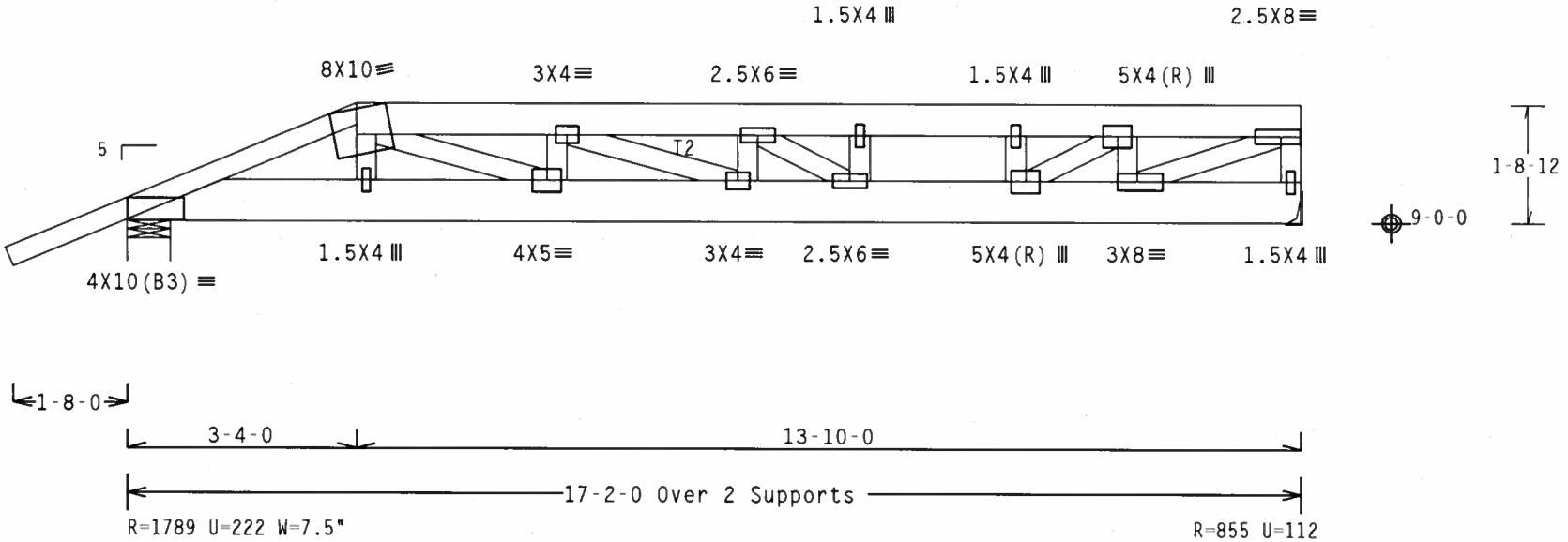
LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER.
IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO
VERIFY AND APPROVE THE LOADING.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.5 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Trusses to be spaced at 16.0" OC maximum.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 1 QTY:1 FL/-/4/-/-/R/- Scale =.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
May 15 07

TC LL	40.0 PSF	REF R8228- 1588
TC DL	10.0 PSF	DATE 05/15/07
BC DL	5.0 PSF	DRW HCUSR8228 07135077
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	55.0 PSF	SEQN- 23055
DUR.FAC.	1.00	FROM AH
SPACING	16.0"	JREF- 1T7D8228Z01

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

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 90 PLF at -1.67 to 90 PLF at 3.33
TC - From 463 PLF at 3.33 to 463 PLF at 20.33
TC - From 90 PLF at 20.33 to 90 PLF at 25.33
BC - From 10 PLF at 0.00 to 10 PLF at 3.33
BC - From 20 PLF at 3.33 to 20 PLF at 20.33
BC - From 10 PLF at 20.33 to 10 PLF at 23.67
TC - 260 LB Conc. Load at 3.33, 20.33
BC - 21 LB Conc. Load at 3.33, 20.33

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

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

3 COMPLETE TRUSSES REQUIRED

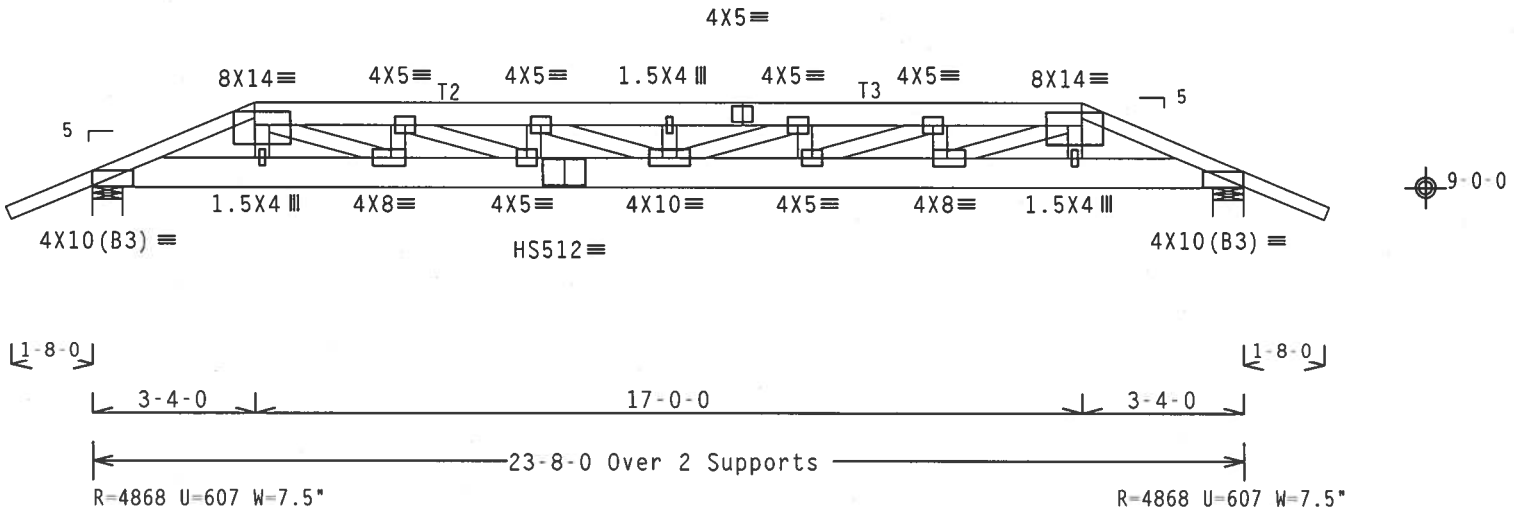
Nailing Schedule: (12d_Common_(0.148"x3.25",_min.)_nails)
Top Chord: 1 Row @ 5.75" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=2.5 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Trusses to be spaced at 16.0" OC maximum.

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

ALPINE

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

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
May 15 07

TC LL	40.0 PSF	REF	R8228- 1589
TC DL	10.0 PSF	DATE	05/15/07
BC DL	5.0 PSF	DRW	HCUSR8228 07135078
BC LL	0.0 PSF		HC-ENG CC/AP
TOT.LD.	55.0 PSF	SEQN-	23001
DUR.FAC.	1.00	FROM	AH
SPACING	16.0"	JREF-	1T7D8228Z01

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

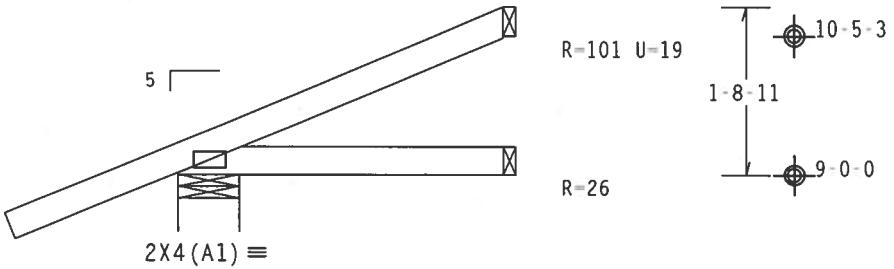
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

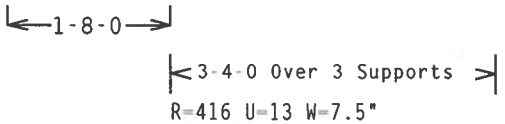
Wind reactions based on MWFRS pressures.

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

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

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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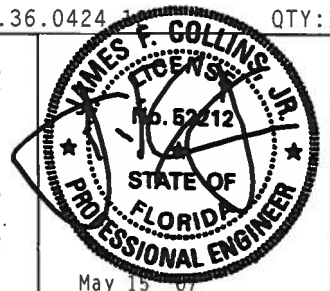


May 15 '07

TC LL	30.0 PSF	REF R8228- 1590
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135071
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	55.0 PSF	SEQN- 22677
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z01

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

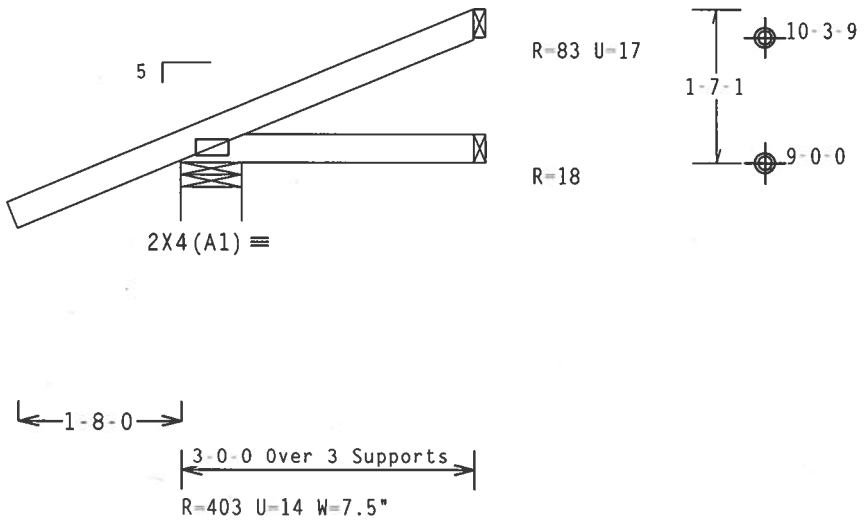
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

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

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

In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 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 =.5"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 527

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

TC LL	30.0 PSF	REF R8228- 1591
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135072
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	55.0 PSF	SEQN- 22683
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z01

(7-100--Isaac Construction NICK PATEL FLOOR -- , ** - HJ3A)

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

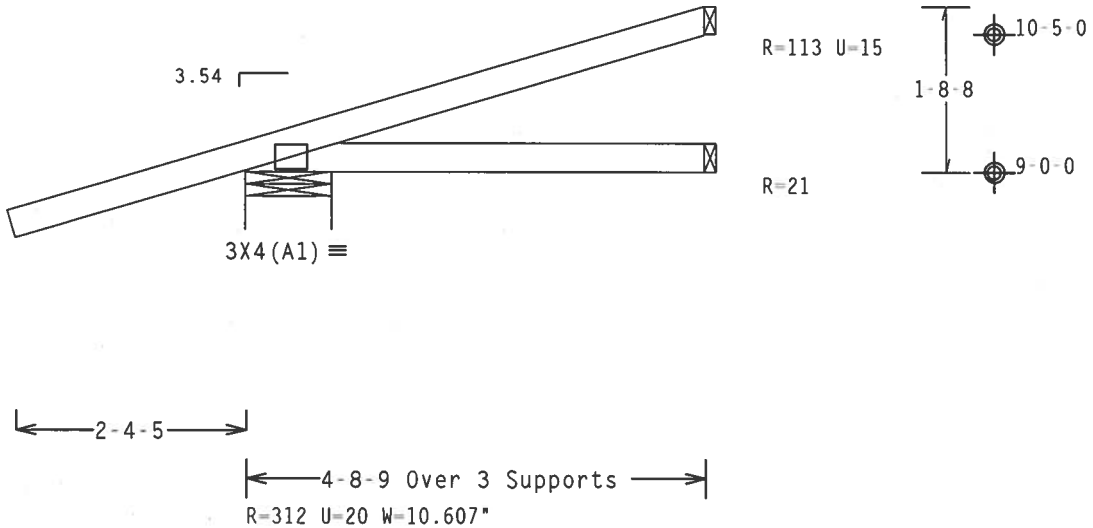
Wind reactions based on MWFRS pressures.

Hipjack supports 3-4-0 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

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



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 E2

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
May 15 07

TC LL	30.0 PSF	REF R8228- 1592
TC DL	15.0 PSF	DATE 05/15/07
BC DL	10.0 PSF	DRW HCUSR8228 07135073
BC LL	0.0 PSF	HC-ENG CC/AP
TOT.LD.	55.0 PSF	SEQN- 22692
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1T7D8228Z01

(7-100--Isaac Construction NICK PATEL FLOOR -- , ** - X3)

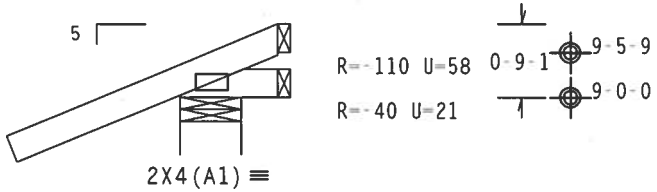
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

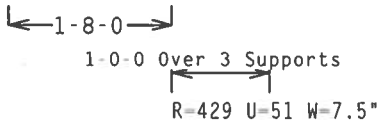
Wind reactions based on MWFRS pressures.

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

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

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





Design Crit: TPI-2002(STD)/FBC

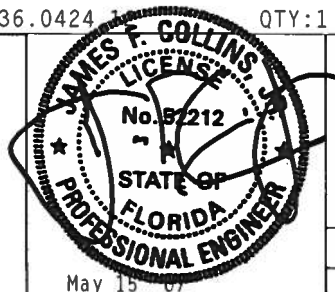
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424 1... QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

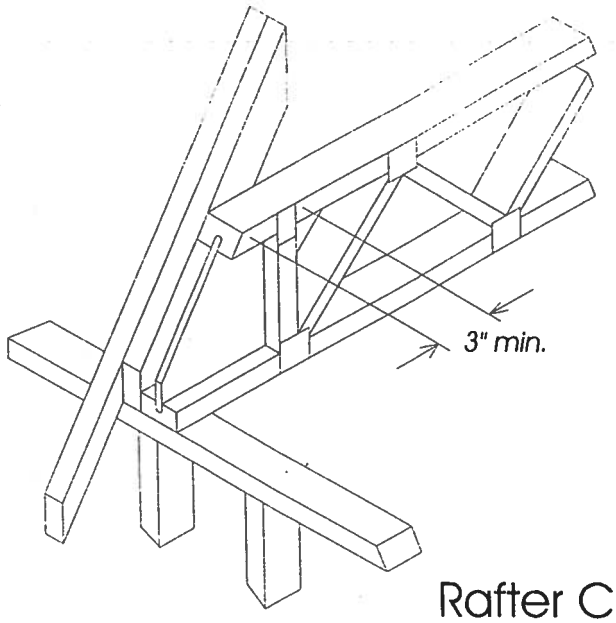
IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE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



May 15 07

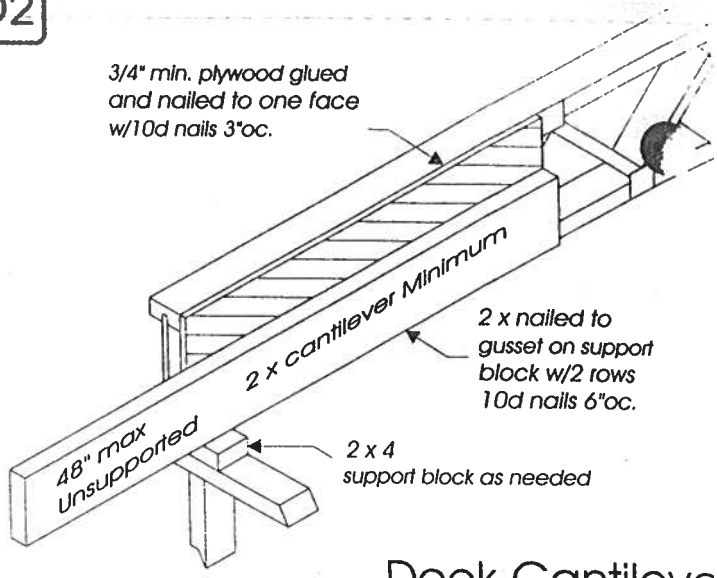
TC LL	30.0 PSF	REF	R8228- 1593
TC DL	15.0 PSF	DATE	05/15/07
BC DL	10.0 PSF	DRW	HCUSR8228 07135074
BC LL	0.0 PSF	HC-ENG	CC/AP
TOT.LD.	55.0 PSF	SEQN-	22688
DUR.FAC.	1.25	FROM	AH
SPACING	24.0"	JREF-	1T7D8228Z01

D1



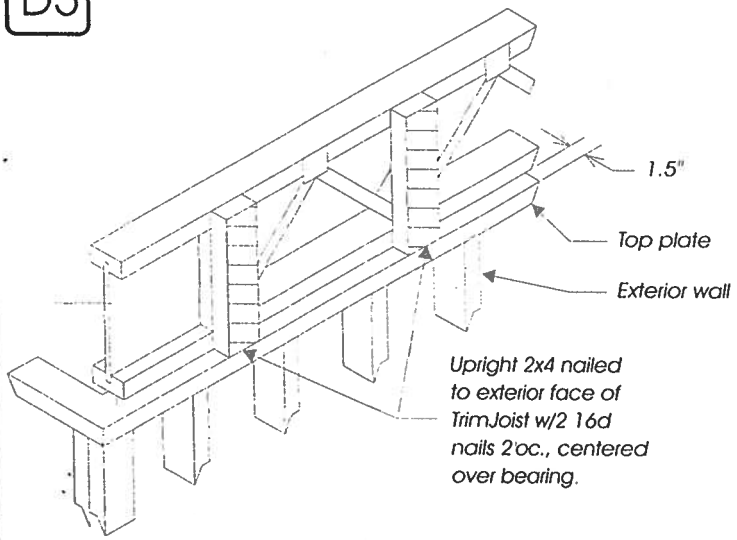
Rafter Cut

D2



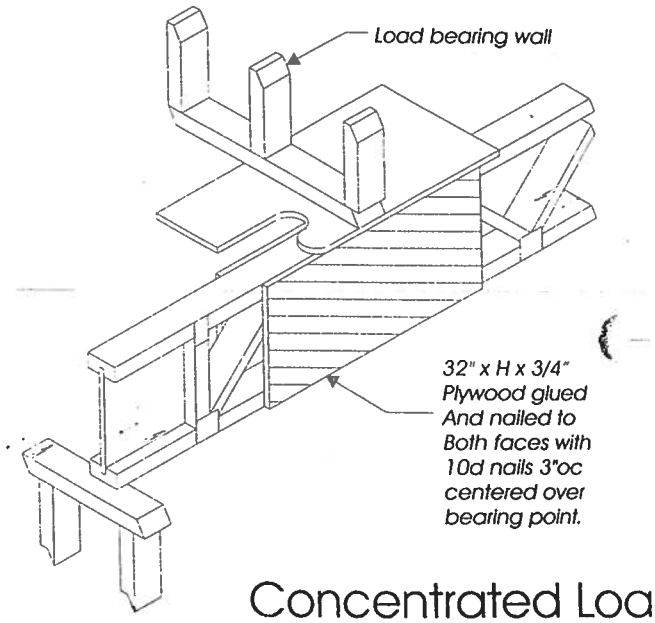
Deck Cantileve

D5



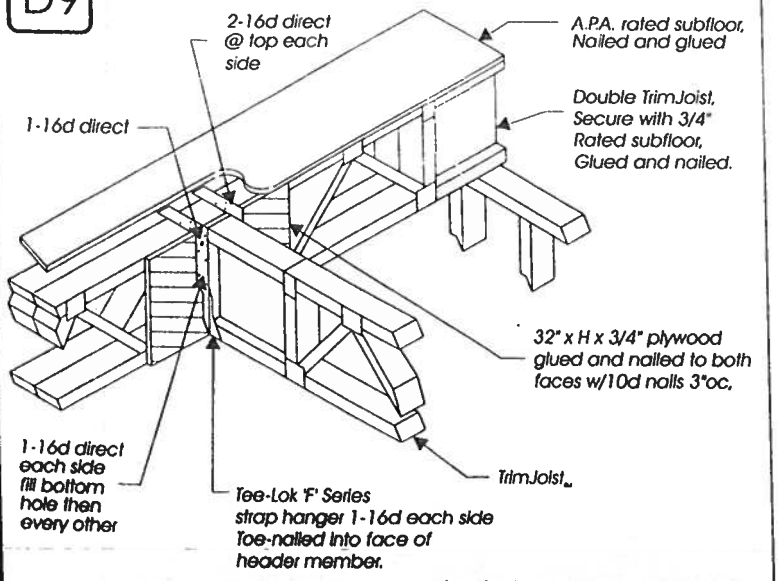
Exterior Knee Wall

D6



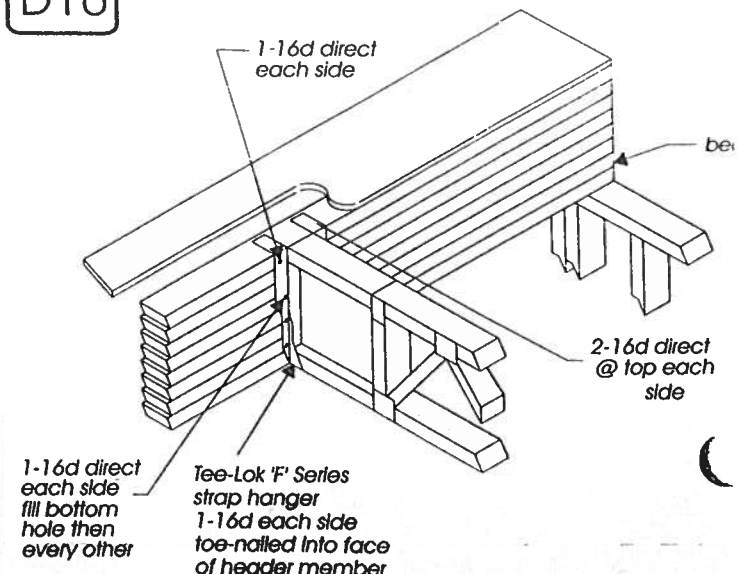
Concentrated Loa

D9



Joist Hangered

D10



Beam Hangere

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The *uniform load* span charts below indicate the maximum design spans (including a 1½" minimum bearing at each end) for each family of *Trim*Joist floor joists. Each chart is divided into columns which represent common design loadings and rows which show typical spacings. Most residential designs require a minimum of 55 psf loading. Floors used for heavy traffic and/or heavy floor coverings (e.g. Tile) should be designed at 60 psf minimum. All loads are broken down into *Live*, *Top-dead* and *Bottom-dead* components. For example, the 55 psf column is really 40 psf live plus 10 psf top-dead plus 5 psf bottom-dead for a total of 55 psf. Dead loads are the weight of construction materials and are always present for the whole life of the structure. Live loads, on the other hand, are transient and are never constant over the life of the structure. Select the appropriate column based on the *dead* loads of your construction materials. These charts are for *uniformly loaded, clear span, simply supported* joists. For special applications requiring concentrated loads, asymmetric continuous loads, cantilevers, or special bearing conditions please consult a *Trim*Joist representative or authorized dealer. The TPDS computer program can be used to analyze almost any loading and/or bearing condition.

11 ¼" Deep

Loading	55 PSF (40/10/5)	60 PSF (40/10/10)
Spacing 12	24′- 0" L/589	24′- 0" L/589
Spacing 16	23′- 1" L/455	23′- 1" L/455
Spacing 19.2	21′- 9" L/454	21′- 9" L/454
Spacing 24	20′- 5" L/461	20′- 0" L/465

16" Deep

Loading	55 PSF (40/10/5)	60 PSF (40/10/10)
Spacing 12	28′- 0" L/731	28′- 0" L/731
Spacing 16	28′- 0" L/549	28′- 0" L/549
Spacing 19.2	28′- 0" L/458	27′- 5" L/486
Spacing 24	26′- 0" L/456	26′- 0" L/456

14" Deep

Spacing 12	26′- 0" L/688	26′- 0" L/688
Spacing 16	26′- 0" L/515	26′- 0" L/515
Spacing 19.2	25′- 7" L/450	25′- 7" L/450
Spacing 24	23′- 8" L/451	23′- 8" L/451

18" Deep

Spacing 12	30′- 0" L/768	30′- 0" L/768
Spacing 16	30′- 0" L/575	30′- 0" L/575
Spacing 19.2	30′- 0" L/479	29′-10" L/488
Spacing 24	27′- 4" L/504	26′- 5" L/579

Notes on Span Charts:

1. Spans are based on uniformly loaded joists and include allowances for repetitive use members.
2. Live loads of 40 psf are assumed, Additional dead loads should be chosen based on construction materials.
3. All *Trim*Joist floor joists have a TOP orientation and should not be installed upside-down.
4. Stiffness factors (L/xxx) assume a minimum ¾-inch span-rated subfloor that has been both *glued* and *nailed*.
5. Limit total reaction (per end) to that indicated in the Maximum Reaction Table at the right.
6. Do not apply center supports, cantilevers, concentrated, or asymmetrical continuous loads without first consulting a *Trim*Joist representative.

Maximum Reaction Table

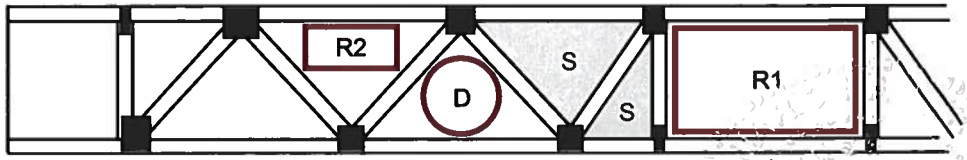
Width	1½	3½	5½
Max	3000	3500	4000

Width is the width of the loaded wall above, or the bearing wall width whichever is less.

A Note About Floor Stiffness: Floor performance is greatly influenced by joist stiffness. Experience has shown that a floor system designed to minimum code acceptance may not meet the expectations of discerning owners. *Trim*Joist Corporation strongly recommends that floor spans be limited to those indicated in the charts above. The numbers in these charts far exceed minimum code requirements and are based on both gluing *and* nailing the subfloor. In cases where the subfloor is nailed only, spans remain the same, but the stiffness must be reduced by 20%. For optimal performance use screws in lieu of nails.

Opening Sizes

	J12	J14	J16	J18
H	11¼"	14"	16"	18"
D	5"	8"	9"	10"
R1	8x16	10x24	12x24	14x24
R2	4x9	4x10 6x6	4x12 6x8	4x14 6x10 8x8



1. All sizes given are in inches and denote maximum expected clearance.
2. Rectangular opening (R1) is provided at centerline of stock length.
3. Only opening D available in 4' stock length (one opening only).
4. Only opening R1 available in 6' and 8' stock length.
5. Openings R2 & D not applicable in shaded areas (s).

Sept. 1, 2006

Good Framing Practice...

DO Install *Trim*Joists right side up. TOP is stamped on the top of each joist.

DO Make sure that each *Trim*Joist bears on the bottom flange beneath the *Trim*End section or beneath the first metal plate if the *Trim*End section has been removed.

DO Use strongback stiffeners. Although not required for structural performance, strongback adds additional resistance to impact loadings.

DO Provide appropriate bearing width at each end of the *Trim*Joist. The required width can be found in the Maximum Reaction Table above. Use vertical web stiffeners where reactions exceed these values.

DO Use *Trim*Joist approved hangers for flush-mounted bearing conditions. These may be purchased from your local *Trim*Joist dealer.

DO Use an appropriately rated sub-floor that has been both glued and nailed/screwed to the top flange of the *Trim*Joist.

DO Consult your *Trim*Joist dealer or representative about special loading or bearing conditions not addressed in this Application Guide.

DO NOT cut any part of the *Trim*Joist except for the *Trim*End sections which are specifically designed to be field cut.

DO NOT remove, cut or alter any metal plate connector on the *Trim*Joist without first consulting a factory engineer.

DO NOT install the *Trim*Joist upside down without first consulting a *Trim*Joist factory engineer.

DO NOT use a *Trim*Joist as a header or beam except as may be instructed by a *Trim*Joist engineer.

DO NOT allow the *Trim*Joist to be supported by the top flange. All support must be from under the bottom flange.

DO NOT depend on "toe nailing" to provide adequate support capacity for flush-mounted framing. Consult your local *Trim*Joist dealer or a *Trim*Joist factory engineer for proper hanger selection.

DO NOT apply special support or load conditions without first consulting a *Trim*Joist representative.

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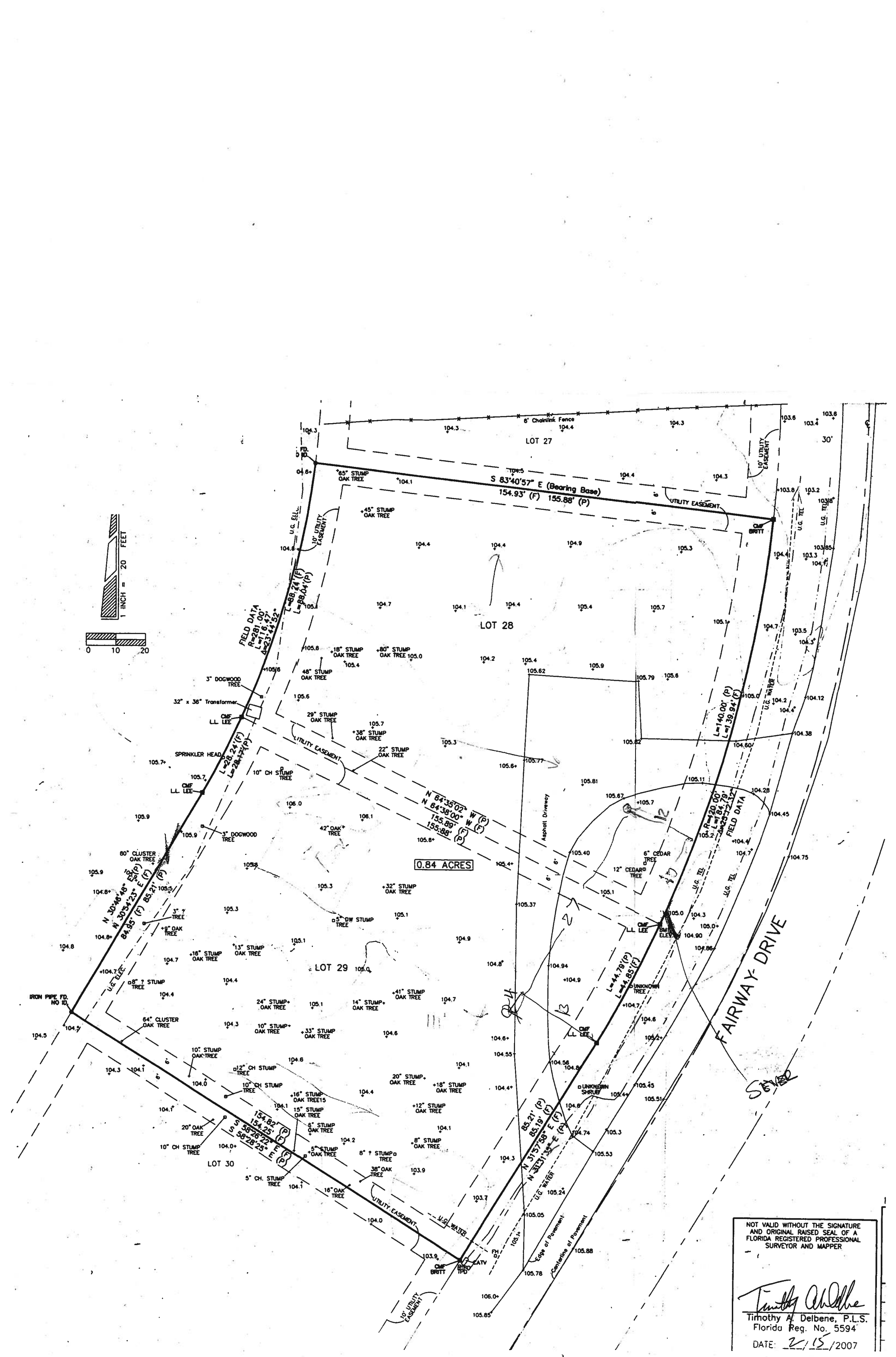

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA REGISTERED PROFESSIONAL SURVEYOR AND MAPPER

Timothy A. Delbene, P.L.S.
Florida Reg. No. 5594
DATE: 2/15/2007