DATE 06/14/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025920

APPLICANT VINCENT FERGUSON PHONE 433-0021

ADDRESS 22390 SW SR 47 FT. WHITE FL 32038

OWNER VINCENT FERGUSON PHONE 433-0021

ADDRESS 22430 SW SR 47 FT. WHITE FL 32038

CONTRACTOR VINCENT FERGUSON PHONE 433-0021

LOCATION OF PROPERTY 47S, 4 MILES PAST FT. WHITE, LAST DRIVE ON RIGHT
BEFORE SANTA FE RIVER, JUST PAST CR 138

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 134100.00

HEATED FLOOR AREA 2682.00 TOTAL AREA 4600.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 3/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT ____

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

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

PARCEL ID 20-7S-16-04265-011 SUBDIVISION ____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 5.89

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
			x Vincent Ferguson

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	06-493-N	BK	JH	Y

COMMENTS: ONE FOOT ABOVE THE ROAD
FDOT APPROVAL ON FILE

Check # or Cash 217

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 $ 675.00 CERTIFICATION FEE $ 23.00 SURCHARGE FEE $ 23.00

MISC. FEES $ 0.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $ ____

FLOOD DEVELOPMENT FEE $ ____ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ ____ **TOTAL FEE** 796.00

INSPECTORS OFFICE Hale Tedder 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 INCONVENIENCE, 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

For Office Use Only Application # 0706-01 Date Received 6-1-07 By LH Permit # 25920

Application Approved by - Zoning Official BLK Date 12 6 07 Plans Examiner OKJTH Date 6-5-07

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

Comments

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

Name Authorized Person Signing Permit VINCENT FERGUSON Phone 386-433-0021 Fax 309-416-9431

Address 22390 SW SR 47, FORT WHITE, FL 32038

Owners Name SAME Phone

911 Address 22430 SW STATE RD 47, Ft. White, FL 32038

Contractors Name OWNER BUILDER Phone

Address

Fee Simple Owner Name & Address

Bonding Co. Name & Address

Architect/Engineer Name & Address FREEMAN DESIGN, 161 NW MADISON ST., LAKE CITY, FL 32055

Mortgage Lenders Name & Address FLORIDA CITIZENS BANK, GAINESVILLE, FL

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

Property ID Number 20-7S-16-04265-011 Estimated Cost of Construction 210,000.00

Subdivision Name NOT IN SUBDIVISION Lot — Block — Unit — Phase —

Driving Directions STATE ROAD 47 SOUTH, APPROX. 4 MILES SOUTH OF FORT WHITE TRAFFIC LIGHT, LAST DRIVE ON RIGHT BEFORE SANTA FE RIVER (JUST PAST CR 138)

Type of Construction CEMENT BLOCK Number of Existing Dwellings on Property NONE

Total Acreage 5.89 Lot Size 5.89 Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 215 Side 25 Side 1057 Rear 25

Total Building Height 25'8" Number of Stories 1 1/2 Heated Floor Area 2682 TOTAL 4,607 Roof Pitch 10/12; 3/12

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.

Vincent L Ferguson

Owner Builder or Authorized Person by Notarized Letter

Contractor Signature

Contractors License Number

Competency Card Number

NOTARY STAMP/SEAL

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

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 1 day of June 2007.

Personally known ____ or Produced Identification ✓

Laurie Hodson

Notary Signature

(Revised Sept. 2006)

FAXED W/ VINC. 6.11.07

BUILDING PERMIT # 25920

(3) Rec 18.50
Cert Copy 3.50

NOTICE OF COMMENCEMENT

PERMIT NO.:
TAX FOLIO NO.: R04265-010/R04265011
The undersigned, after being first duly sworn, states as follows and verifies that the information set forth in this Notice of Commencement is true to the best of the undersigned's knowledge, information and belief:
1. Description of Property (legal and street address):
SEE ATTACHED EXHIBIT "A"

Inst:200712013350 Date:6/18/2007 Time:12:45 PM
DC,P.DeWitt Cason ,Columbia County Page 1 of 2

2243 SW SR 47, FT WHITE, FL 32038
2. General Description of Property: CONSTRUCT SINGLE FAMILY RESIDENCE
3. Name of Borrower(s): MICHELLE A. ARMSTRONG VINCENT L. FERGUSON
Address of Borrower(s):
517 NW 84TH STREET
GAINESVILLE, FL 32607
4. Borrower(s) interest in Property: PRIMARY RESIDENCE
5. Name & Address of Fee simple titleholder (if other than Borrower):
6. Builder's Name: VINCENT L. FERGUSON
Builder's Address: 517 NW 84TH STREET, GAINESVILLE, FL 32607
7. Name and address of all lending institutions which provide financing for the improvements:
FLORIDA CITIZENS BANK
2810-B NW 43RD STREET
GAINESVILLE FL 32606
8. Name and address of the designee, if any, of the Borrower:

9. Expiration date of this Notice of Commencement is one year from date of recording unless a different date is specified:

Michelle A Armstrong
Borrower MICHELLE A. ARMSTRONG

Vincent L Ferguson
Borrower VINCENT L. FERGUSON

Borrower Date

Borrower Date

STATE OF FLORIDA
COUNTY OF ALACHUA
The foregoing instrument was subscribed and sworn to before me this JUNE 14, 2006 day of
BY VINCENT L. FERGUSON AND MICHELLE A. ARMSTRONG
WHO PRODUCED
VALID DRIVER'S LICENSE AS ID.

F. Marie Graham
My Commission Expires:

-1310 (9608) VMP MORTGAGE FORMS - (800)521-7291 9/96

F. MARIE GRAHAM
Notary Public - State of Florida
My Commission Expires Jun 20, 2010
Commission # DD 551669
Bonded By National Notary Assn.

EXHIBIT "A"

COMMENCE AT THE NORTHWEST CORNER OF SECTION 20, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, AND RUN THENCE NORTH 89 DEG. 16 MIN. 01 SEC. EAST, ALONG THE NORTH LINE OF SECTION 20, 611.49 FEET; THENCE SOUTH 14 DEG. 56 MIN. 30 SEC. WEST, 97.44 FEET; THENCE SOUTH 60 DEG. 03 MIN. 22 SEC. EAST, 731.05 FEET TO THE WESTERLY RIGHT OF WAY OF STATE ROAD NO. 47 AND TO A POINT ON A CURVE; THENCE RUN SOUTHERLY ALONG SAID WESTERLY RIGHT OF WAY, ALONG THE ARC OF SAID CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 11409.16 FEET, A DELTA OF 01 DEG. 00 MIN. 16 SEC., A CHORD BEARING AND DISTANCE OF SOUTH 22 DEG. 06 MIN. 29 SEC. WEST, 200.00 FEET, AN ARC DISTANCE OF 200.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTHERLY ALONG SAID WESTERLY RIGHT OF WAY, ALONG THE ARC OF SAID CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 11409.16 FEET, A DELTA OF 00 DEG. 42 MIN. 30 SEC., A CHORD BEARING AND DISTANCE OF SOUTH 22 DEG. 57 MIN. 52 SEC. WEST, 141.04 FEET, AN ARC DISTANCE OF 141.05 FEET; THENCE NORTH 66 DEG. 44 MIN. 07 SEC. WEST, 122.77 FEET; THENCE SOUTH 27 DEG. 07 MIN. 55 SEC. WEST, 1170.20 FEET TO A 5/8" REBAR & CAP (LB6685); THENCE CONTINUE SOUTH 27 DEG. 07 MIN. 55 SEC. WEST, 1.6 FEET, MORE OR LESS, TO THE NORTH BANK OF THE SANTA FE RIVER; THENCE RUN NORTHWESTERLY, ALONG SAID NORTH BANK OF THE SANTA FE RIVER, 268.5 FEET, MORE OR LESS TO A 5/8" REBAR & CAP (LB 6685); THENCE NORTH 22 DEG. 52 MIN. 48 SEC. EAST, 1149.53 FEET; THENCE SOUTH 60 DEG. 03 MIN. 22 SEC. EAST, 352.20 FEET TO THE POINT OF BEGINNING.

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By Loran Teagle
Deputy Clerk
Date 06-18-2007

CLERK CIRCUIT COURT
COLUMBIA COUNTY, FLORIDA

Plat 188

PERMIT # 0706-01 FERGUSON

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: 5/31/2007 **DATE ISSUED:** 6/4/2007

ENHANCED 9-1-1 ADDRESS:

22430 SW STATE ROAD 47
FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

20-7S-16-04265-011

Remarks:

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

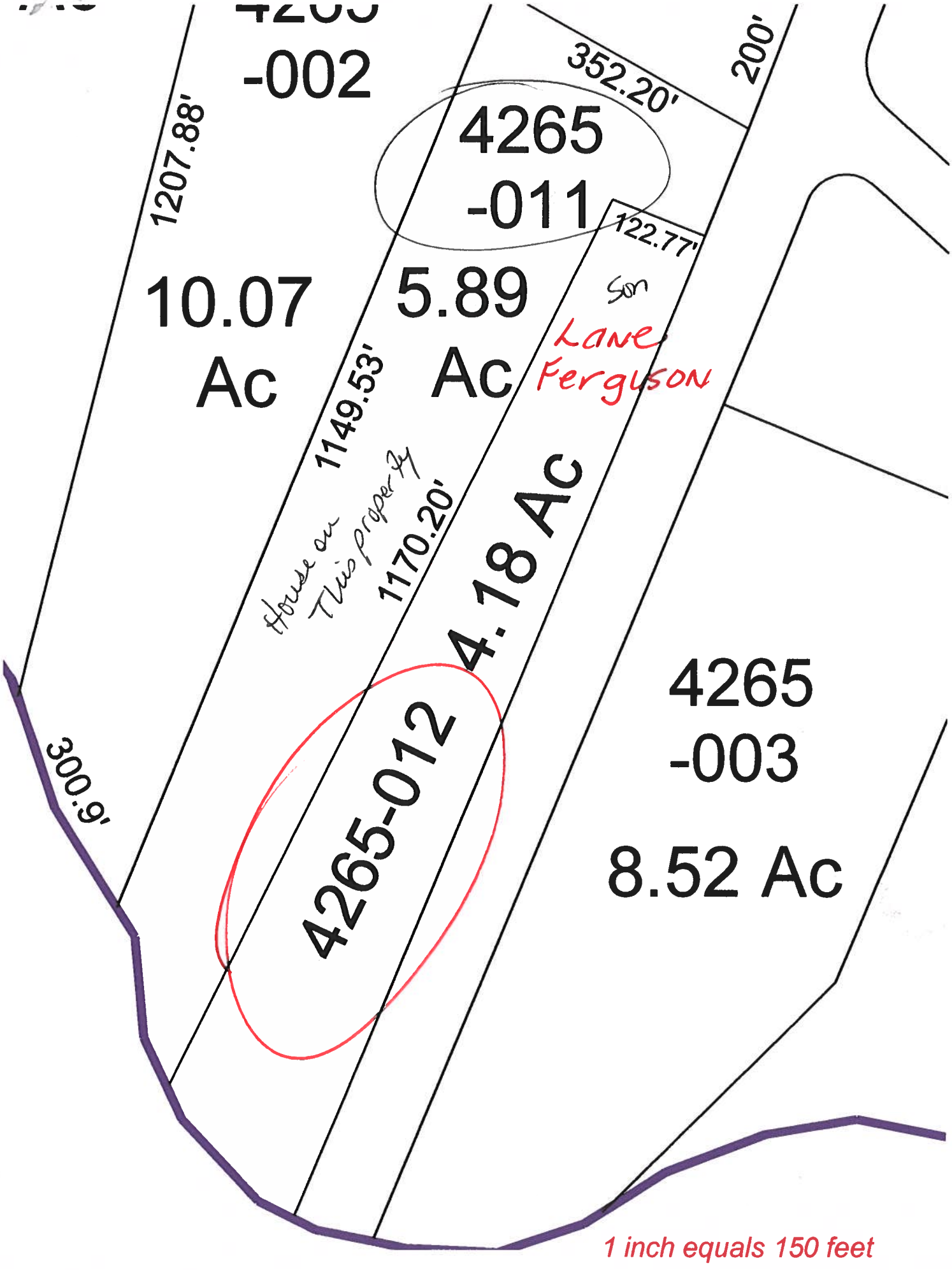
NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

Approved Address

JUN 04 2007

911Addressing/GIS Dept

784


-002
352.20'
200'
4265
-011
1207.88'
122.77'
10.07
Ac
5.89
Ac
Son
Lane
Ferguson
1149.53'
House on
This property
1170.20'
4.18 Ac
4265-012
4265
-003
8.52 Ac
300.9'
1 inch equals 150 feet

@ CAM112M01 CamaUSA Appraisal System Columbia County
6/01/2007 10:42 **Legal Description Maintenance** **62700** **Land** **001**
Year T Property Sel **AG** **000**
2007 R 20-7S-16-04265-012 **Bldg** **000**
Xfea **000**
FERGUSON LANE **62700** **TOTAL** **B***

1	COMM NW COR OF SEC, RUN E	611.49 FT, SW 97.44 FT, SE	2
3	731.05 FT TO W R/W OF SR 47,	SW 341.05 FT FOR POB, CONT SW	4
5	1177.64 FT TO N BANK OF SANTA	FE RIVER, NW ALONG BANK 193.20	6
7	FT MOL, NE 1170.20 FT, SE	122.77 FT TO POB	8
9	ORB 402-401, WD 948-2620,	WD 948-2623, CD 950-2705,	10
11	FIN JUDGM ORB 1083-2676,	SWD 1088-2232 & WD 1114-1799,	12
13	CWD 1117-860.		14
15			16
17			18
19			20
21			22
23			24
25			26
27			28

Mnt **5/08/2007 THRESA**

F1=Task F3=Exit F4=Prompt F10=GoTo PgUp/PgDn F24=More

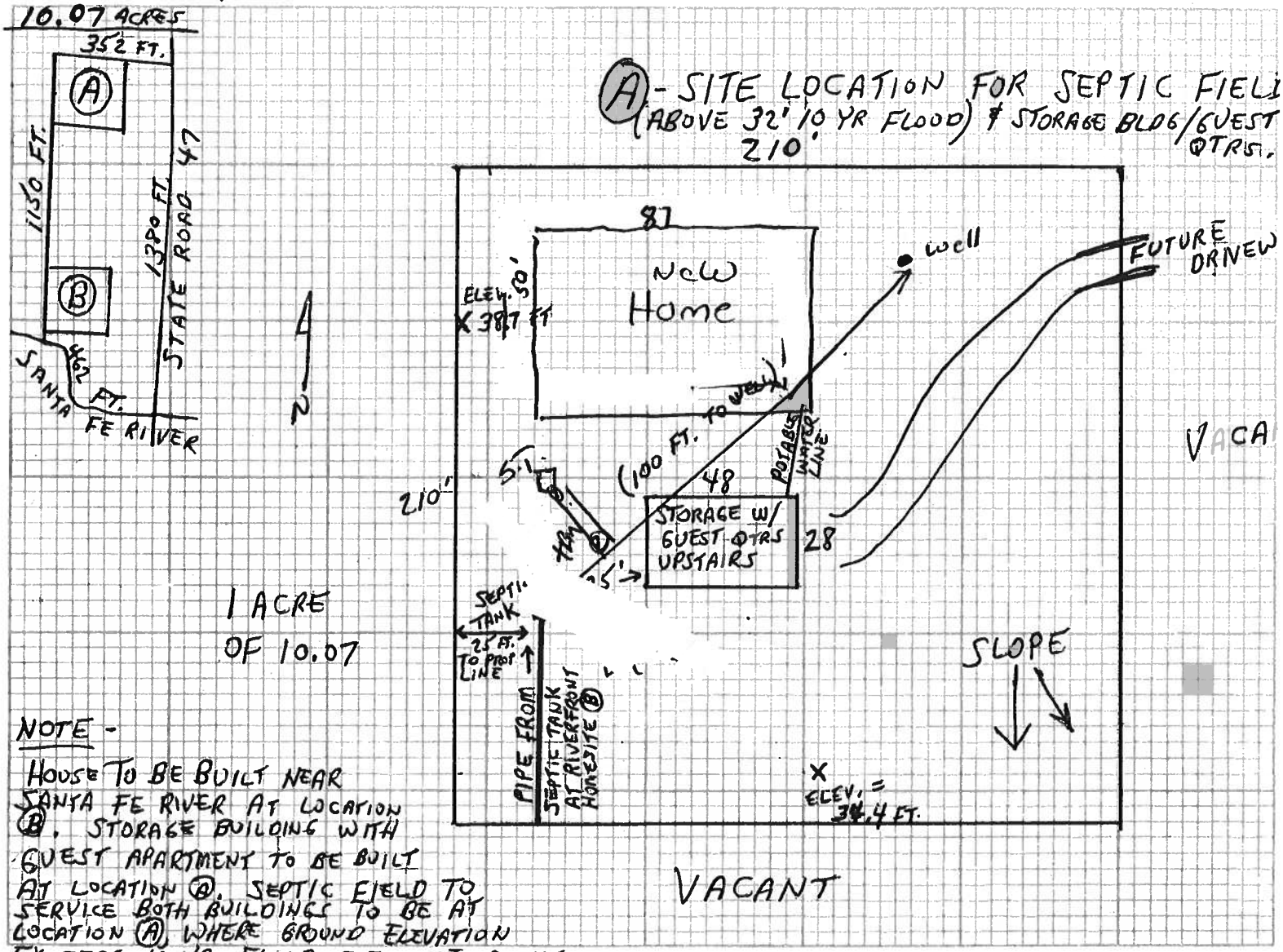
STATE OF FLORIDA
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0493N

PART II - SITE PLAN

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



NOTE -
HOUSE TO BE BUILT NEAR SANTA FE RIVER AT LOCATION B. STORAGE BUILDING WITH GUEST APARTMENT TO BE BUILT AT LOCATION A. SEPTIC FIELD TO SERVICE BOTH BUILDINGS TO BE AT LOCATION A, WHERE GROUND ELEVATION EXCEEDS 10 YR. FLOOD ELEV. OF 32 FT.

Notes: Revised 6/1/07

Sign _____ OWNER

Sign _____ CCHD

Site Plan submitted by: Vinnie Ferguson (Signature) OWNER (Title)

Plan Approved X APPROVED Not Approved _____ Date 6/5/6

By _____ Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Prepared by:
M. BLAIR PAYNE, ESQ.
Darby, Peele, Bowdoin & Payne
285 NE Hernando Ave
P.O. Drawer 1707
Lake City, FL 32056-1707

Parcel ID No._____

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2232

SPECIAL WARRANTY DEED

THIS SPECIAL WARRANTY DEED made this 5th day of July, 2006, by **VINCENT FERGUSON** and **BARBARA FERGUSON**, hereinafter called Grantors, to **VINCENT FERGUSON**, whose address is 22392 SW State Road 47, Fort White, Florida 32038, hereinafter called the Grantee:

WITNESSETH:

That Grantors, for and in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS and other valuable considerations, receipt whereof is hereby acknowledged, hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee, all that certain land situate in Columbia County, Florida, to-wit:

TOWNSHIP 7 SOUTH - RANGE 16 EAST

Section 20: Commence at a concrete monument at the NW corner of the aforementioned Section 20, Township 7 South, Range 16 East for the Point of Reference and run N 88°20'09" E, along the North line of said Section 20, a distance of 611.49 feet to a concrete monument and the true Point of Beginning; thence continue N 88°20'09" E, along said North line a distance of 781.80 feet to a concrete monument at the intersection of said North line with the Westerly right-of-way line of State Road No. 47 (100 foot right-of-way); thence run Southwesterly, along said right-of-way line and with a curve concave Westerly, said curve having a radius of 11409.16 feet, through an angle of 02°30'53", an arc distance of 500.77 feet (chord bearing and distance of S 19°28'35" W, 500.73 feet respectively) to a steel rod and cap; thence run N 60°55'27" W, a distance of 730.28 feet to a steel rod and cap; thence run N 14°05'43 E, a distance of 97.42 feet to the true Point of Beginning, containing 5.001 acres more or less.

Subject to, together with and reserving unto grantors, their successors and/or assigns an easement for ingress and egress over, under and across 30-foot wide stip of land, said strip of land being more particularly described as follows:

Commence at a concrete monument at the NW corner of the aforementioned Section 20, Township 7 South, Range 16 East for the Point of Reference and run N 88°20'09" E, along the North line of said Section 20, a distance of 611.49 feet to a concrete monument at the NW corner of the aforedescribed 5.001 acre tract of land and the true point of beginning of said 20-foot strip of land; thence continue N 88°20'09" E, along said North line, a distance of 781.80 feet to a concrete monument at the intersection of said North line with the Westerly right-of-way line of State Road No. 47 (100 foot right-of-way); thence run Southwesterly along said right-of-way line and with a curve concave westerly, said curve having a radius of 11409.16 feet, through an arc angle of 00°06'25', an arc distance of 21.27 feet (chord bearing and distance of S 18°16'20" W, 21.27 feet respectively) to a steel rod and cap; thence run S 88°20'09" W, parallel with and 20 feet south of said North line of Section 20, a distance of 780.19 feet to a steel rod and cap on the West line of the aforedescribed 5.001 acre tract of land; thence run N 14°05'43" E, along said West line of the afredescribed 5.001 acre tract of land, a distance of 20.78 feet to the true Point of Beginning.

TOGETHER WITH: commence at the NW corner of Section 20, Township 7 South, Range 16 East, Columbia County, Florida and run thence N 89°16'01" E, along the North line of Section 20, 611.49 feet; thence S 14°56'30" E, 97.44 feet; thence S 60°03'22" E, 731.05 feet to the Westerly right-of-way of State Road No. 47 and to a point on a curve; thence run Southerly along said Westerly right-of-way, along the arc of said curve concave to the NW, having a radius of 11409.16 feet, a delta of 01°00'16", a chord bearing and distance of S 22°06'29" W 200.00 feet, an arc distance of 200.00 feet to the Point of Beginning; thence continue Southerly along said Westerly right-of-way, along the arc of said curve concave to the NW, having a radius of 11409.16 feet, a delta of 00°51'32", a chord bearing and distance of S 23°02'23" W -171.04 feet, an arc distance of 171.05 feet; thence continue along said Westerly right-of-way, the following courses; S 23°29'21" W, 368.40 feet; S 25°31'42" W, 604.23 feet; S 23°29'21" W, 159.21 feet to a ½" rebar & cap (FDOT); S 23°29'21" W, 45.8 feet, more or less, to the North bank of the Santa Fe River and to the end of said courses; thence run Northwesterly along said North bank of the Santa Fe River, 461.7 feet, more or less, to a set ⅝" rebar & cap (LB6685); thence N 22°52'48" E, 1149.53 feet; thence S 60°03'22" E, 352.20 feet to the Point of Beginning. Containing 10.07 acres, more or less.

THIS PORTION OF DEED IS FOR PARCEL 20-7S-16-04265 011. NOTE THAT PARCEL 20-7S-16-042 012 (4.18 ACRES WAS SPLIT OUT FROM THIS PARCE AFTER THIS DEED WAS RECORDED. BUILDING SITE THAT REMAINS IS 5.89 ACR

N.B. This conveyance is between spouses or former spouses pursuant to an action for dissolution of their marriage filed in the Circuit Court in and for Columbia County, Florida under Case No. 05-508-DR and the property described herein is or was their marital home.

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2233

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 Grantors hereby covenant with said Grantee that Grantors are lawfully seized of said land in fee simple; that Grantors have good right and lawful authority to sell and convey said land, and hereby warrant the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under said Grantors.

IN WITNESS WHEREOF, said Grantors have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered
in the presence of:

Patricia D Wilders

PATRICIA D. WILDERS
(Print witness name)

Elaine Hundley

Elaine Hundley
(Print witness name)

Vincent Ferguson

STATE OF FLORIDA
COUNTY OF Columbia

BEFORE ME, the undersigned authority, on this the 5th day of ~~May~~ July, 2006, personally appeared **VINCENT FERGUSON**, to me well known, or who produced Florida Drivers License as identification and he executed the same.

Patricia D Wilders
Notary Public - State of Florida
PATRICIA D. WILDERS
(print or type name)

PATRICIA D. WILDERS ★ NOTARY PUBLIC, STATE OF FLORIDA ★ MY COMMISSION EXPIRES April 20, 2009 #DD414118 Troy Fain-Insurance 800-385-7019 Scridad Tru

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2234

Suzy McAdams
Suzy McADAMS
(Print witness name)

Barbara Ferguson
Barbara Ferguson

Nancy L. Sigel
NANCY L. SIGEL
(Print witness name)

STATE OF FLORIDA
COUNTY OF Alachua

BEFORE ME, the undersigned authority, on this the 23rd day of May, 2006, personally appeared **BARBARA FERGUSON**, to me well known, or who produced FL DL: F622-061-53-942-0 as identification, and she executed the same.

Nancy L. Sigel
Notary Public - State of Florida

6/23/06 NANCY L. SIGEL
(print or type name)

NANCY L. SIGEL
MY COMMISSION # DD520217
EXPIRES: Feb. 20, 2010
(407) 398-0153 Florida Notary Service.com

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2235

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

Owner will get corrected **2007 Proposed Values**

Parcel: 20-7S-16-04265-011

Tax Record | Property Card | Interactive GIS Map | Print

Owner & Property Info

(4. acres is 04265-012)

Search Result: 1 of 1

Owner's Name	FERGUSON VINCENT		
Site Address			
Mailing Address	22390 SW STATE RD 47 FT WHITE, FL 32038		
Use Desc. (code)	NO AG ACRE (009900)		
Neighborhood	20716.00	**Tax District**	3
UD Codes	MKTA02	**Market Area**	02
Total Land Area	5.890 ACRES		
Description	COMM NW COR OF SEC, RUN E 611.49 FT, SW 97.44 FT, SE 731.05 FT TO W R/W OF SR 47, SW 200.00 FT FOR POB, CONT SW 141.05 FT, NW 122.77 FT, SW 1170.20 FT TO N R/W OF SNATA FE RIVER, NW ALONG RIVER APPROX 268.5 FT, NE 1149.53 FT SE 352.20 FT TO POB WD 948-2623, CD 950-2705, FIN JUDGM ORB 1083-2676, SWD 1088-2232		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$88,350.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$88,350.00

Just Value	$88,350.00
Class Value	$0.00
Assessed Value	$88,350.00
Exempt Value	$0.00
Total Taxable Value	$88,350.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
009900	AC NON-AG (MKT)	5.890 AC	1.00/1.00/1.00/2.00	$15,000.00	$88,350.00

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

1 of 1

NOTORIZED DISCLOSURE STATEMENT

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

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

TYPE OF CONSTRUCTION

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

NEW CONSTRUCTION OR IMPROVEMENT

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

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

Vincent L Ferguson 6-1-07
Owner Builder Signature Date

The above signer is personally known to me or produced identification V A DL

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

Notary Signature Laurie Hodson Date 6-1-07 (Stamp / Seal)

FOR BUILDING USE ONLY

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

Date 6-1-07 Building Official/Representative _____

FORM 600A-2004R

EnergyGauge® 4.5.2

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**Vince Ferguson and Michelle Armstrong Residence**	Builder:	**TBA**
Address:		Permitting Office:	**Columbia**
City, State:	**Fort White, FL**	Permit Number:	25920
Owner:	**Vince Ferguson**	Jurisdiction Number:	221000
Climate Zone:	**North**		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	2851 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 470.0 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Tint) 434.0 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 200.0(p) ft	
b.	Raised Wood, Adjacent	R=19.0, 754.0ft²	
c.	N/A		
9.	Wall types		
a.	Concrete, Int Insul, Exterior	R=4.0, 1553.0 ft²	
b.	Frame, Wood, Adjacent	R=13.0, 192.0 ft²	
c.	Frame, Wood, Exterior	R=13.0, 416.0 ft²	
d.	Frame, Wood, Exterior	R=13.0, 416.0 ft²	
e.	Frame, Wood, Exterior	R=19.0, 524.0 ft²	
10.	Ceiling types		
a.	Under Attic	R=30.0, 1333.0 ft²	
b.	Single Assembly	R=30.0, 1156.0 ft²	
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 80.0 ft	
b.	Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 40.0 ft	
12.	Cooling systems		
a.	Central Unit/Split	Cap: 48.0 kBtu/hr	
		SEER: 13.00	
b.	Central Unit/Split	Cap: 24.0 kBtu/hr	
		SEER: 13.00	
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump/Split	Cap: 48.0 kBtu/hr	
		HSPF: 8.50	
b.	Electric Heat Pump/Split	Cap: 24.0 kBtu/hr	
		HSPF: 8.50	
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 50.0 gallons	
		EF: 0.90	
b.	N/A		
c.	Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)		
15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	MZ-C, PT, CF, MZ-	

Glass/Floor Area: 0.16

Total as-built points: 35876

Total base points: 35931

PASS

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

PREPARED BY: Wade Hall

DATE: 4/24/07

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

OWNER/AGENT: _____

DATE: _____

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

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

BUILDING OFFICIAL: _____

DATE: _____

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

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **Fort White, 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	2851.0	18.59	9540.0	1.Double, Tint	S	14.0	9.0	138.0	28.73	0.47	1861.0	
				2.Double, Tint	S	14.0	9.0	72.0	28.73	0.47	971.0	
				3.Double, Tint	S	14.0	5.0	48.0	28.73	0.43	595.0	
				4.Double, Tint	W	8.0	6.0	30.0	30.93	0.47	434.0	
				5.Double, Tint	N	12.0	6.0	90.0	14.84	0.62	832.0	
				6.Double, Tint	E	2.0	13.0	20.0	33.89	0.98	661.0	
				7.Double, Tint	S	2.0	8.0	12.0	28.73	0.86	295.0	
				8.Double, Tint	S	2.0	6.0	9.0	28.73	0.78	200.0	
				9.Double, Tint	W	2.0	8.0	15.0	30.93	0.91	423.0	
				10.Double, Clear	N	2.0	8.0	12.0	19.20	0.94	216.0	
				11.Double, Clear	N	2.0	6.0	9.0	19.20	0.90	155.0	
				12.Double, Clear	E	2.0	8.0	15.0	42.06	0.91	575.0	
				As-Built Total:				**470.0**			**7218.0**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Adjacent	192.0	0.70	134.4	1. Concrete, Int Insul, Exterior	4.0	1553.0	1.15	1785.9
Exterior	2909.0	1.70	4945.3	2. Frame, Wood, Adjacent	13.0	192.0	0.60	115.2
				3. Frame, Wood, Exterior	13.0	416.0	1.50	624.0
				4. Frame, Wood, Exterior	13.0	416.0	1.50	624.0
				5. Frame, Wood, Exterior	19.0	524.0	0.90	471.6
Base Total:	**3101.0**		**5079.7**	**As-Built Total:**		**3101.0**		**3620.8**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Adjacent	20.0	2.40	48.0	1.Exterior Insulated	33.3	4.10	136.5
Exterior	33.3	6.10	203.1	2.Adjacent Insulated	20.0	1.60	32.0
Base Total:	**53.3**		**251.1**	**As-Built Total:**	**53.3**		**168.5**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM =	Points
Under Attic	2489.0	1.73	4306.0	1. Under Attic	30.0	1333.0	1.73 X 1.00	2306.1
				2. Single Assembly	30.0	1156.0	4.40 X 1.00	5086.4
Base Total:	**2489.0**		**4306.0**	**As-Built Total:**		**2489.0**		**7392.5**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	200.0(p)	-37.0	-7400.0	1. Slab-On-Grade Edge Insulation	0.0	200.0(p	-41.20	-8240.0
Raised	754.0	-3.99	-3008.5	2. Raised Wood, Adjacent	19.0	754.0	0.40	301.6
Base Total:			**-10408.5**	**As-Built Total:**		**954.0**		**-7938.4**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **Fort White, FL,** PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BSPM	= Points		Area X	SPM	= Points			
	2851.0	10.21	29108.7		2851.0	10.21	29108.7			
Summer Base Points: 37877.0				**Summer As-Built Points:**						**39570.0**
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 48000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
				39570	0.67	(1.09 x 1.147 x 0.91)	0.260	0.857	6690.4	
				(sys 2: Central Unit 24000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)						
				39570	0.33	(1.09 x 1.147 x 0.91)	0.260	0.857	3345.2	
37877.0	**0.3250**	**12310.0**		**39570.0**	**1.00**	**1.138**	**0.260**	**0.857**	**10035.6**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **Fort White, 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	2851.0	20.17	10351.0	1.Double, Tint	S	14.0	9.0	138.0	15.87	3.32	7267.0
				2.Double, Tint	S	14.0	9.0	72.0	15.87	3.32	3791.0
				3.Double, Tint	S	14.0	5.0	48.0	15.87	3.66	2789.0
				4.Double, Tint	W	8.0	6.0	30.0	22.15	1.20	794.0
				5.Double, Tint	N	12.0	6.0	90.0	25.37	1.03	2340.0
				6.Double, Tint	E	2.0	13.0	20.0	20.51	1.01	415.0
				7.Double, Tint	S	2.0	8.0	12.0	15.87	1.12	212.0
				8.Double, Tint	S	2.0	6.0	9.0	15.87	1.26	179.0
				9.Double, Tint	W	2.0	8.0	15.0	22.15	1.02	340.0
				10.Double, Clear	N	2.0	8.0	12.0	24.58	1.00	295.0
				11.Double, Clear	N	2.0	6.0	9.0	24.58	1.00	222.0
				12.Double, Clear	E	2.0	8.0	15.0	18.79	1.04	291.0
				As-Built Total:				**470.0**			**18935.0**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	192.0	3.60	691.2	1. Concrete, Int Insul, Exterior	4.0	1553.0	6.50	10094.5
Exterior	2909.0	3.70	10763.3	2. Frame, Wood, Adjacent	13.0	192.0	3.30	633.6
				3. Frame, Wood, Exterior	13.0	416.0	3.40	1414.4
				4. Frame, Wood, Exterior	13.0	416.0	3.40	1414.4
				5. Frame, Wood, Exterior	19.0	524.0	2.20	1152.8
Base Total:	**3101.0**		**11454.5**	**As-Built Total:**		**3101.0**		**14709.7**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	20.0	11.50	229.8	1.Exterior Insulated	33.3	8.40	279.7
Exterior	33.3	12.30	409.6	2.Adjacent Insulated	20.0	8.00	159.8
Base Total:	**53.3**		**639.4**	**As-Built Total:**	**53.3**		**439.6**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	2489.0	2.05	5102.5	1. Under Attic	30.0	1333.0	2.05 X	1.00	2732.6
				2. Single Assembly	30.0	1156.0	1.43 X	1.00	1653.1
Base Total:	**2489.0**		**5102.5**	**As-Built Total:**		**2489.0**			**4385.7**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	200.0(p)	8.9	1780.0	1. Slab-On-Grade Edge Insulation	0.0	200.0(p	18.80	3760.0
Raised	754.0	0.96	723.8	2. Raised Wood, Adjacent	19.0	754.0	2.20	1658.8
Base Total:			**2503.8**	**As-Built Total:**		**954.0**		**5418.8**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , **Fort White, FL,**	PERMIT #:

BASE				AS-BUILT						
INFILTRATION	Area X	BWPM =	Points		Area X	WPM =	Points			
	2851.0	-0.59	-1682.1		2851.0	-0.59	-1682.1			
Winter Base Points:			**28369.1**	**Winter As-Built Points:**						**42206.7**
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 48000 btuh ,EFF(8.5) Ducts:Unc(S),Unc(R),Int(AH),R6.0						
				42206.7	0.667	(1.069 x 1.169 x 0.93)	0.401	0.902	11839.9	
				(sys 2: Electric Heat Pump 24000 btuh ,EFF(8.5) Ducts:Unc(S),Unc(R),Int(AH),R6.0						
				42206.7	0.333	(1.069 x 1.169 x 0.93)	0.401	0.902	5919.9	
28369.1	**0.5540**		**15716.5**	**42206.7**	**1.00**	**1.162**	**0.401**	**0.902**	**17759.8**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , **Fort White, 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
3	2635.00	7905.0	50.0	0.90	3	1.00	2693.56	1.00	8080.7
			As-Built Total:						**8080.7**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points +	Heating Points +	Hot Water Points =	Total Points	Cooling Points +	Heating Points +	Hot Water Points =	Total Points
12310	**15716**	**7905**	**35931**	**10036**	**17760**	**8081**	**35876**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , **Fort White, 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* = 85.4

The higher the score, the more efficient the home.

Vince Ferguson, , Fort White, FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit/Split	Cap: 48.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3			b. Central Unit/Split	Cap: 24.0 kBtu/hr
5.	Is this a worst case?	Yes				SEER: 13.00
6.	Conditioned floor area (ft²)	2851 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor: (or Single or Double DEFAULT)	Description Area 7a. (Dble Default) 470.0 ft²		13.	Heating systems	
	b. SHGC: (or Clear or Tint DEFAULT)	7b. (Tint) 434.0 ft²			a. Electric Heat Pump/Split	Cap: 48.0 kBtu/hr
8.	Floor types					HSPF: 8.50
	a. Slab-On-Grade Edge Insulation	R=0.0, 200.0(p) ft			b. Electric Heat Pump/Split	Cap: 24.0 kBtu/hr
	b. Raised Wood, Adjacent	R=19.0, 754.0ft²				HSPF: 8.50
	c. N/A				c. N/A	
9.	Wall types			14.	Hot water systems	
	a. Concrete, Int Insul, Exterior	R=4.0, 1553.0 ft²			a. Electric Resistance	Cap: 50.0 gallons
	b. Frame, Wood, Adjacent	R=13.0, 192.0 ft²				EF: 0.90
	c. Frame, Wood, Exterior	R=13.0, 416.0 ft²			b. N/A	
	d. Frame, Wood, Exterior	R=13.0, 416.0 ft²				
	e. Frame, Wood, Exterior	R=19.0, 524.0 ft²			c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10.	Ceiling types			15.	HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	MZ-C, PT, CF, MZ-
	a. Under Attic	R=30.0, 1333.0 ft²				
	b. Single Assembly	R=30.0, 1156.0 ft²				
	c. N/A					
11.	Ducts					
	a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 80.0 ft				
	b. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 40.0 ft				

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: Vince Ferguson Date: 6-1-07

Address of New Home: _____ City/FL Zip: FORT WHITE FL 32038

GREAT SEAL OF THE STATE OF FLORIDA IN GOD WE TRUST

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.

Residential System Sizing Calculation

Summary

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

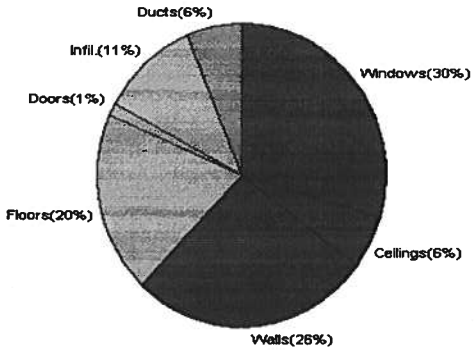
4/24/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	**50963**	**Btuh**	**Total cooling load calculation**	**38684**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	141.3	72000	Sensible (SHR = 0.75)	157.7	54000
Heat Pump + Auxiliary(0.0kW)	141.3	72000	Latent	404.4	18000
			Total (Electric Heat Pump)	186.1	72000

WINTER CALCULATIONS

Winter Heating Load (for 2851 sqft)

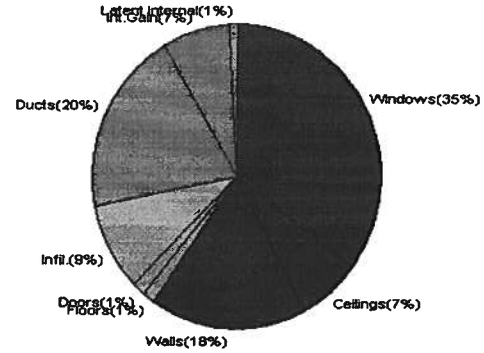
Load component			Load	
Window total	470	sqft	15129	Btuh
Wall total	3101	sqft	13475	Btuh
Door total	53	sqft	690	Btuh
Ceiling total	2489	sqft	2955	Btuh
Floor total	See detail report		10131	Btuh
Infiltration	133	cfm	5398	Btuh
Duct loss			3186	Btuh
Subtotal			**50963**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**50963**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 2851 sqft)

Load component			Load	
Window total	470	sqft	13628	Btuh
Wall total	3101	sqft	6838	Btuh
Door total	53	sqft	522	Btuh
Ceiling total	2489	sqft	2614	Btuh
Floor total			454	Btuh
Infiltration	67	cfm	1240	Btuh
Internal gain			2860	Btuh
Duct gain			6077	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			**34232**	**Btuh**
Latent gain(ducts)			1617	Btuh
Latent gain(infiltration)			2435	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			400	Btuh
Total latent gain			**4451**	**Btuh**
TOTAL HEAT GAIN			**38684**	**Btuh**



Version 8
For Florida residences only

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 4/24/07

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

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

4/24/2007

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

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Tint, Metal, 0.87	NW	138.0	32.2	4442 Btuh
2	2, Tint, Metal, 0.87	NW	72.0	32.2	2318 Btuh
3	2, Tint, Metal, 0.87	NW	48.0	32.2	1545 Btuh
4	2, Tint, Metal, 0.87	NE	30.0	32.2	966 Btuh
5	2, Tint, Metal, 0.87	SE	90.0	32.2	2897 Btuh
6	2, Tint, Metal, 0.87	SW	20.0	32.2	644 Btuh
7	2, Tint, Metal, 0.87	NW	12.0	32.2	386 Btuh
8	2, Tint, Metal, 0.87	NW	9.0	32.2	290 Btuh
9	2, Tint, Metal, 0.87	NE	15.0	32.2	483 Btuh
10	2, Clear, Metal, 0.87	SE	12.0	32.2	386 Btuh
11	2, Clear, Metal, 0.87	SE	9.0	32.2	290 Btuh
12	2, Clear, Metal, 0.87	SW	15.0	32.2	483 Btuh
	Window Total		470(sqft)		15129 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Concrete Blk, - Ext(0.15)	4.0	1553	5.5	8614 Btuh
2	Frame - Wood - Adj(0.09)	13.0	192	3.3	631 Btuh
3	Frame - Wood - Ext(0.09)	13.0	416	3.3	1366 Btuh
4	Frame - Wood - Ext(0.09)	13.0	416	3.3	1366 Btuh
5	Frame - Wood - Ext(0.08)	19.0	524	2.9	1498 Btuh
	Wall Total		3101		13475 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		33	12.9	431 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		53		690Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Meta	30.0	1333	1.2	1571 Btuh
2	Single Assembly/L/Meta	30.0	1156	1.2	1384 Btuh
	Ceiling Total		2489		2955Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	200.0 ft(p)	43.7	8732 Btuh
2	Raised Wood - Adj	19	754.0 sqft	1.9	1399 Btuh
	Floor Total		954		10131 Btuh
				Envelope Subtotal:	42380 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.32	24985	3101 133.3	5398 Btuh
Ductload				(DLM of Mixed ducts)	3186 Btuh
All Zones				**Sensible Subtotal All Zones**	**50963 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

4/24/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	50963 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	50963 Btuh

EQUIPMENT

1. Electric Heat Pump/Split	#(Outside) #(Inside)	48000 Btuh
2. Electric Heat Pump/Split	#(Outside) #(Inside)	24000 Btuh

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

Version 8
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System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

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

4/24/2007

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

Component Loads for Zone #1: 1st Floor

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Tint, Metal, 0.87	NW	138.0	32.2	4442 Btuh
2	2, Tint, Metal, 0.87	NW	72.0	32.2	2318 Btuh
3	2, Tint, Metal, 0.87	NW	48.0	32.2	1545 Btuh
4	2, Tint, Metal, 0.87	NE	30.0	32.2	966 Btuh
5	2, Tint, Metal, 0.87	SE	90.0	32.2	2897 Btuh
6	2, Tint, Metal, 0.87	SW	20.0	32.2	644 Btuh
11	2, Clear, Metal, 0.87	SE	9.0	32.2	290 Btuh
12	2, Clear, Metal, 0.87	SW	15.0	32.2	483 Btuh
	Window Total		422(sqft)		13584 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Concrete Blk, - Ext(0.15)	4.0	1553	5.5	8614 Btuh
2	Frame - Wood - Adj(0.09)	13.0	192	3.3	631 Btuh
	Wall Total		1745		9245 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		33	12.9	431 Btuh
2	Insulated - Adjacent		20	12.9	259 Btuh
	Door Total		53		690Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Meta	30.0	1333	1.2	1571 Btuh
2	Single Assembly/L/Meta	30.0	1156	1.2	1384 Btuh
	Ceiling Total		2489		2955Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	200.0 ft(p)	43.7	8732 Btuh
2	Raised Wood - Adj	19	754.0 sqft	1.9	1399 Btuh
	Floor Total		954		10131 Btuh
			Zone Envelope Subtotal:		36605 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=
	Natural	0.32	18873	1745	75.0	3037 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.052)				2044 Btuh
Zone #1			**Sensible Zone Subtotal**		**41686 Btuh**

Manual J Winter Calculations

Residential Load - Component Details (continued)

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

4/24/2007

Component Loads for Zone #2: 2nd Floor

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
7	2, Tint, Metal, 0.87	NW	12.0	32.2	386 Btuh
8	2, Tint, Metal, 0.87	NW	9.0	32.2	290 Btuh
9	2, Tint, Metal, 0.87	NE	15.0	32.2	483 Btuh
10	2, Clear, Metal, 0.87	SE	12.0	32.2	386 Btuh
	Window Total		48(sqft)		1545 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
3	Frame - Wood - Ext(0.09)	13.0	416	3.3	1366 Btuh
4	Frame - Wood - Ext(0.09)	13.0	416	3.3	1366 Btuh
5	Frame - Wood - Ext(0.08)	19.0	524	2.9	1498 Btuh
	Wall Total		1356		4231 Btuh
			Zone Envelope Subtotal:		5776 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft) CFM=	
	Natural	0.32	6112	1356 58.3	2360 Btuh
Ductload	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.140)				1141 Btuh
Zone #2			**Sensible Zone Subtotal**		**9277 Btuh**

SYSTEM GROUPS (BLOCK LOADS)

Heating Loads For System(s):1 Serving Zones: 1	Block load	41686 Btuh

Heating Loads For System(s):2 Serving Zones: 2	Block load	9277 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

4/24/2007

WHOLE HOUSE TOTALS

	Subtotal Sensible	50963 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	50963 Btuh

EQUIPMENT

1. Electric Heat Pump/Split	#(Outside) #(Inside)	48000 Btuh
2. Electric Heat Pump/Split	#(Outside) #(Inside)	24000 Btuh

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

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

4/24/2007

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

Component Loads for Whole House

Window	Type* Pn/SHGC/U/InSh/ExSh/IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2, Tint, 0.87, B-D, N,F	NW	14ft.	9ft.	138.0	0.0	138.0	16	31	4257 Btuh
2	2, Tint, 0.87, B-D, N,F	NW	14ft.	9ft.	72.0	0.0	72.0	16	31	2221 Btuh
3	2, Tint, 0.87, B-D, N,F	NW	14ft.	5ft.	48.0	0.0	48.0	16	31	1481 Btuh
4	2, Tint, 0.87, B-D, N,F	NE	8ft.	6ft.	30.0	0.0	30.0	16	31	925 Btuh
5	2, Tint, 0.87, B-D, N,F	SE	12ft.	6ft.	90.0	90.0	0.0	16	33	1470 Btuh
6	2, Tint, 0.87, B-D, N,F	SW	2ft.	13ft.	20.0	0.0	20.0	16	33	652 Btuh
7	2, Tint, 0.87, B-D, N,F	NW	2ft.	8ft.	12.0	0.0	12.0	16	31	370 Btuh
8	2, Tint, 0.87, B-D, N,F	NW	2ft.	6ft.	9.0	0.0	9.0	16	31	278 Btuh
9	2, Tint, 0.87, B-D, N,F	NE	2ft.	8ft.	15.0	0.0	15.0	16	31	463 Btuh
10	2, Clear, 0.87, B-D, N,F	SE	2ft.	8ft.	12.0	0.0	12.0	19	43	522 Btuh
11	2, Clear, 0.87, B-D, N,F	SE	2ft.	6ft.	9.0	1.1	7.9	19	43	364 Btuh
12	2, Clear, 0.87, B-D, N,F	SW	2ft.	8ft.	15.0	1.1	13.9	19	43	625 Btuh
	Window Total				470 (sqft)					13628 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Concrete Blk, - Ext	4.0/0.15	1553.0	2.6	4028 Btuh
2	Frame - Wood - Adj	13.0/0.09	192.0	1.5	290 Btuh
3	Frame - Wood - Ext	13.0/0.09	416.0	2.1	868 Btuh
4	Frame - Wood - Ext	13.0/0.09	416.0	2.1	868 Btuh
5	Frame - Wood - Ext	19.0/0.08	524.0	1.5	786 Btuh
	Wall Total		3101 (sqft)		6838 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	33.3	9.8	326 Btuh
2	Insulated - Adjacent	20.0	9.8	196 Btuh
	Door Total	53 (sqft)		522 Btuh

Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Metal	30.0	1333.0	1.3	1783 Btuh
2	Single Assembly/Light/Metal	30.0	1156.0	0.7	831 Btuh
	Ceiling Total		2489 (sqft)		2614 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	200 (ft(p))	0.0	0 Btuh
2	Raised Wood - Adj	19.0	754 (sqft)	0.6	454 Btuh
	Floor Total		954.0 (sqft)		454 Btuh

			Envelope Subtotal:		24056 Btuh
Infiltration	Type	ACH	Volume(cuft) wall area(sqft)	CFM=	Load
	SensibleNatural	0.16	24985 3101	133.3	1240 Btuh
Internal gain		Occupants	Btuh/occupant	Appliance	Load
		2	X 230 +	2400	2860 Btuh
			Sensible Envelope Load:		28156 Btuh
Duct load			(DGMs vary for Mixed ducts)		6077 Btuh
			Sensible Load All Zones		**34232 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

4/24/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**28156 Btuh**
	Sensible Duct Load	6077 Btuh
	Total Sensible Zone Loads	**34232 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**34232 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	2435 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1617 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**4451 Btuh**
	TOTAL GAIN	**38684 Btuh**

EQUIPMENT

1. Central Unit/Split	#(Outside) #(Inside)	48000 Btuh
2. Central Unit/Split	#(Outside) #(Inside)	24000 Btuh

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

Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Vince Ferguson
Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

4/24/2007

Component Loads for Zone #1: 1st Floor

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2, Tint, 0.87, B-D, N,F	NW	14ft.	9ft.	138.0	0.0	138.0	16	31	4257 Btuh
2	2, Tint, 0.87, B-D, N,F	NW	14ft.	9ft.	72.0	0.0	72.0	16	31	2221 Btuh
3	2, Tint, 0.87, B-D, N,F	NW	14ft.	5ft.	48.0	0.0	48.0	16	31	1481 Btuh
4	2, Tint, 0.87, B-D, N,F	NE	8ft.	6ft.	30.0	0.0	30.0	16	31	925 Btuh
5	2, Tint, 0.87, B-D, N,F	SE	12ft.	6ft.	90.0	90.0	0.0	16	33	1470 Btuh
6	2, Tint, 0.87, B-D, N,F	SW	2ft.	13ft.	20.0	0.0	20.0	16	33	652 Btuh
11	2, Clear, 0.87, B-D, N,F	SE	2ft.	6ft.	9.0	1.1	7.9	19	43	364 Btuh
12	2, Clear, 0.87, B-D, N,F	SW	2ft.	8ft.	15.0	1.1	13.9	19	43	625 Btuh
	Window Total				422 (sqft)					11996 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
1	Concrete Blk, - Ext	4.0/0.15	1553.0	2.6	4028 Btuh
2	Frame - Wood - Adj	13.0/0.09	192.0	1.5	290 Btuh
	Wall Total		1745 (sqft)		4317 Btuh
Doors	Type		Area (sqft)	HTM	Load
1	Insulated - Exterior		33.3	9.8	326 Btuh
2	Insulated - Adjacent		20.0	9.8	196 Btuh
	Door Total		53 (sqft)		522 Btuh
Ceilings	Type/Color/Surface	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Metal	30.0	1333.0	1.3	1783 Btuh
2	Single Assembly/Light/Metal	30.0	1156.0	0.7	831 Btuh
	Ceiling Total		2489 (sqft)		2614 Btuh
Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	200 (ft(p))	0.0	0 Btuh
2	Raised Wood - Adj	19.0	754 (sqft)	0.6	454 Btuh
	Floor Total		954.0 (sqft)		454 Btuh
				Zone Envelope Subtotal:	19903 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)		CFM=	Load
	SensibleNatural	0.16	18873	1745		37.5	698 Btuh
Internal gain		Occupants	Btuh/occupant			Appliance	Load
		2	X 230	+		2400	2860 Btuh
					Sensible Envelope Load:		23460 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)					(DGM of 0.164)	3837 Btuh
					Sensible Zone Load		**27297 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

4/24/2007

Component Loads for Zone #2: 2nd Floor

	Type*		Overhang		Window Area(sqft)			HTM		Load
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
7	2, Tint, 0.87, B-D, N,F	NW	2ft.	8ft.	12.0	0.0	12.0	16	31	370 Btuh
8	2, Tint, 0.87, B-D, N,F	NW	2ft.	6ft.	9.0	0.0	9.0	16	31	278 Btuh
9	2, Tint, 0.87, B-D, N,F	NE	2ft.	8ft.	15.0	0.0	15.0	16	31	463 Btuh
10	2, Clear, 0.87, B-D, N,F	SE	2ft.	8ft.	12.0	0.0	12.0	19	43	522 Btuh
	Window Total				48 (sqft)					1632 Btuh

Walls	Type	R-Value/U-Value	Area(sqft)	HTM	Load
3	Frame - Wood - Ext	13.0/0.09	416.0	2.1	868 Btuh
4	Frame - Wood - Ext	13.0/0.09	416.0	2.1	868 Btuh
5	Frame - Wood - Ext	19.0/0.08	524.0	1.5	786 Btuh
	Wall Total		1356 (sqft)		2521 Btuh
				Zone Envelope Subtotal:	4153 Btuh

Infiltration	Type	ACH	Volume(cuft)	wall area(sqft)	CFM=	Load
	SensibleNatural	0.16	6112	1356	29.1	542 Btuh
Internal gain	Occupants		Btuh/occupant		Appliance	Load
	0	X	230	+	0	0 Btuh
				Sensible Envelope Load:		4695 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.477)		2240 Btuh
				Sensible Zone Load		**6935 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

4/24/2007

SYSTEM GROUPS (BLOCK LOADS)

	Sensible Envelope Load	**23460 Btuh**
	Window Excursion Not selected.	
Cooling Loads	Sensible Duct Load (duct gain multiplier of 0.164)	3837 Btuh
	Sensible ventilation	0 Btuh
For System(s):	**Zone Sensible gain**	**27297 Btuh**
1	Latent infiltration/ventilation gain	1370 Btuh
Serving Zones:	Latent occupant gain	400 Btuh
1	Latent duct gain	1012 Btuh
	Latent other gain	0 Btuh
	Total block load	**30079 Btuh**

	Sensible Envelope Load	**4695 Btuh**
	Window Excursion Not selected.	
Cooling Loads	Sensible Duct Load (duct gain multiplier of 0.477)	2240 Btuh
	Sensible ventilation	0 Btuh
For System(s):	**Zone Sensible gain**	**6935 Btuh**
2	Latent infiltration/ventilation gain	1065 Btuh
Serving Zones:	Latent occupant gain	0 Btuh
2	Latent duct gain	1012 Btuh
	Latent other gain	0 Btuh
	Total block load	**9012 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

Code Only
Professional Version
Climate: North

4/24/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**28156 Btuh**
	Sensible Duct Load	6077 Btuh
	Total Sensible Zone Loads	**34232 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**34232 Btuh**
	Latent infiltration gain (for 54 gr. humidity difference)	2435 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1617 Btuh
	Latent occupant gain (2 people @ 200 Btuh per person)	400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**4451 Btuh**
	TOTAL GAIN	**38684 Btuh**

EQUIPMENT

1. Central Unit/Split	#(Outside) #(Inside)	48000 Btuh
2. Central Unit/Split	#(Outside) #(Inside)	24000 Btuh

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

Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Vince Ferguson

Fort White, FL

Project Title:
Vince Ferguson and Michelle Armstrong Residen

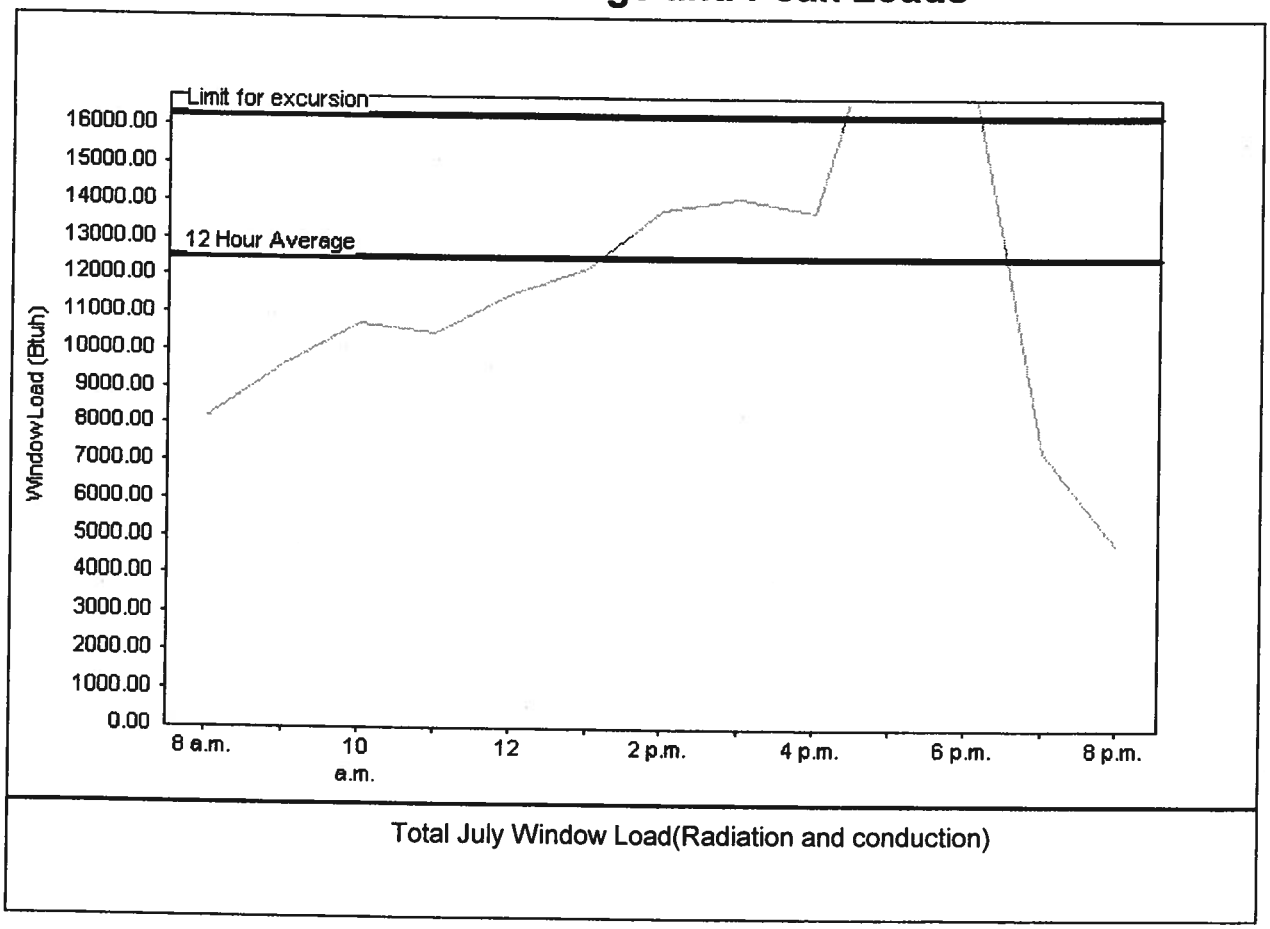
Code Only
Professional Version
Climate: North

4/24/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	12523 Btu
Summer setpoint	75 F	Peak window load for July	20537 Btu
Summer temperature difference	17 F	Excusion limit(130% of Ave.)	16280 Btu
Latitude	29 North	Window excursion (July)	4258 Btuh

WINDOW Average and Peak Loads



Total July Window Load(Radiation and conduction)

This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: _____
DATE: 4/24/07

#0706-01 FERGUSON

P

Rev. 1-06-06

FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY PERMIT

F.D.O.T. Permits Office, Lake City Maintenance
Post Office Box 1415
Lake City, Florida 32056-1415

Date: 5-31-07

Re: Notice of Approved State FDOT Residential Access Connection Permit

Permittee: Vincent L. Ferguson (Property Owner)
Address: 22390 SW SR-47, Ft. White, Fl. 32038
Permit No: 2007-A-292-33 / State Hwy No: 47 (S) / Section No: 29020
Mile Post: 0.229 + - / Columbia County

Mr. Ferguson:

Notice: Your permit is valid for 1 year from the date of approval, however, you shall have only 30 continuous work days to complete the permitted connection once you have called and activated the permit to start construction. Failure to complete within this time limit shall place you into non-compliance with the provisions of this permit.

Enclosed within is your approved state access permit applied for previously, I would like to take this opportunity to thank you for your courteous assistance during this time. Cooperation between yourself's and our office, has allowed us to process your application in a most timely manner, and for this I thank you.

Below is information that if followed can prevent permit and construction problems down the road, please read them carefully and pay special attention to item number's 5, 6 and 7.

1.) If you plan to hire a contractor to construct your new access connection (driveway), we would recommend that you make several complete copies of the enclosed connection permit packet and seek at least three (3) separate bids, as with most things in this life, all contractors are different. A complete listing of all contractors for the county you have permitted too is available on request.

2.) Please take the time to review your new permit package and read all of the permit construction descriptions and requirements and especially the General and Special Provisions attached, very closely. **State Specifications call for much greater final construction requirements and standards than called for by either city or county government agencies.**

3.) Items such as sloped shoulders, mitered end sections, extended radii returns and grass sod are many times over-looked. Be sure to point these items out to those bidding for your business.

4.) Once you have selected a contractor and you are ready to activate and commence construction of the approved connection, you **must contact** the Permits Office here at Lake City Maintenance by calling (386) 961-7180 or 961-7193 at least 48 hours in advance of any planned start date.

Be aware that failure to call and activate your approved permit according to this permit provision is legal reason to suspend or revoke the approved permit. Please take the time to call us to legally activate your permit so all will go well.

5.) A Final Access Connection Inspection is Mandatory before the new access can be utilized. We would highly recommend that before making any final payments to your contractor that you call our office and set up the required FDOT Final Inspection. Contractors who are not willing to accept this pre-contract agreement may not be worthy of your business. Be aware that you are legally responsible for liability of the access connection as long as you have not received a final passing inspection through this office.

6.) **A special note in regards to access permits issued on State Roadways where the State has let a construction contact or where the state contractor is presently working**: When this is the case, you are required to make 48 hour advance contact both our office and the Lake City Construction Office before starting actual construction on your approved access permit. Please phone 961-7050 to notify them of your intentions, tell them the state highway number on which you are permitted and be specific about your permitted location and permit number. If you decide to activate your permit and start construction during the on-going FDOT Project and you elect to hire a contractor other than the on-site FDOT Project contractor, then your contactor must complete all permitted construction, with a passing FDOT Permits Office inspection within 30 days of the first day of driveway construction. Failure to abide by this permit provision will automatically require the removal of the permitted connection by the State FDOT or On-site Contractor's forces.

Neither the FDOT nor the FDOT's on-site project contractor is under any obligation to construct or complete you're permitted connection unless prior legal written agreements have been entered into by both parties.

7.) **Special Note about permit validation periods:** Your newly issued permit is Valid for a period of 1 year from the date of original signature from the permits office, however, as a special provision of this permit, you only have 30 days of total construction time once you activate the permit and start any type if driveway construction upon the FDOT Right-of-Way.

To explain this permit provision more clearly, let's say you activated your new permit to start construction on the first day of the 2nd month of your approved permit, then all work and the required final passing inspection must be completed by the first day of the 3rd month (30 days later.) The other 10 months are not Valid after you have activated the permits construction phase. **Refer to permit Addendum sheet for further explanation of this time limitation.**

No. 6 Continued: The same is true of whatever month you activate your permit. You must start construction in time to be completed within the 30 day period in which you activate the permit, (See Part 3, Permit Approval Section of Page 1 of 3 of the Driveway Connection Permit for All Categories Form No. 850-040-18). Remember, once activated you have only 30 days in which to be completely finished and have received the required final passing FDOT inspection. In most all cases every driveway access permitted can be completed within this 30 day period. **THIS IS A VERY IMPORTANT PERMIT PROVISION, PLEASE READ CAREFULLY. IF YOU DO NOT UNDERSTAND THIS PROVISION YOU SHOULD CONTACT THE FDOT PERMITS OFFICE AND REQUEST FURTHER CLARIFICATION IMMEDIDEATELY UPON READING THESE PERMIT PROVISIONS.**

NOTE ABOUT PLANNED PROPERTY IMPROVEMENTS: If you are planning improvements to the property; please be aware that complete construction of the state permitted connection with a final passing FDOT inspection is required before we can release you back to the county government.

Well there it is, if you follow the above suggestions both you and the Permits Office can expect all to be in order when the time comes for you to request the final driveway construction inspection. Remember that we here at the Permits Office are always available in case you have a question or problem, about your approved access permit. We also offer driveway layout assistance if requested, please call us!

Sincerely,

Neil E. Miles
Access Permits Coordinator

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY CONNECTION PERMIT FOR ALL CATEGORIES

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 2007-A-292-33

Permit Category: A Access Classification: 4

Project: Ditch Block 12 foot wide w/ granite gravel as stabilization surface course

Permittee: Vincent L. Ferguson

Section/Mile Post: 29020 / 0.229 State Road: 47 (S)

Section/Mile Post: N/A State Road: N/A

PART 2: PERMITTEE INFORMATION

Permittee Name: Vincent L. Ferguson

Permittee Mailing Address: 22390 SW SR-47

City, State, Zip: Ft. White, Florida 32038

Telephone: 386-433-0021 (Cell #)

Engineer/Consultant/or Project Manager: Residential- None Req.

Engineer responsible for construction inspection: FDOT Permits
NAME P.E. #

Mailing Address: PO Box 1415

City, State, Zip: Lake City, Fl. 32056-1415

Telephone: 386-961-7180 Mobile Phone

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2007-A-292-33

Department of Transportation

Signature: Title: Permits Coordinator

Department Representative's Printed Name Neil E. Miles

Temporary Permit ○ YES ◉ NO (If temporary, this permit is only valid for 6 months)

Special provisions attached ◉ YES ○ NO

Date of Issuance: JUN 0 5 2007

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

PART 4: GENERAL PROVISIONS

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed

   Phone: 386-961-7180 , Attention: Contact Neil or Dale to activate your permit!

2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.

3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.

4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.

5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.

6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.

7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.

8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.

9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.

10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.

11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.

12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.

13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility,except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.

14. The Permittee shall be responsible for determining and notify all other users of the right of way.

15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

PART 5: SPECIAL PROVISIONS

NON-CONFORMING CONNECTIONS: ◉ YES ○ NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.

2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

OTHER SPECIAL PROVISIONS:

12 FOOT WIDE DITCH-BLOCK CONNECTION WITH DOUBLE 25 FOOT WIDE TURNING RADII WITH GRANITE GRAVEL MATERIALS AS SURFACE STABILIZER.

As permitted, the new connection shall be constructed as a 12 foot wide earth/granite gravel ditch-block access connection. The new connection shall require a minimum of 4 inches depth of granite gravel material for use a a surface course stabilizer. This material shall extend from the existing edge-of-pavement to the State Right-of-way line. The new ditch-block connection shall also be required to have two full 25 foot wide turn out radii and the granite material shall also be utilized within these limits also. The permitte has be required to make sure the new materails are stabilized.

The required and correct Maintenance of Tarffic plan must be in place and inspected before any work can commence upon the State R/W as a provision of this approved permit. Refer to the attachment in this permit package for additional information. A final FDOT inspection is required as part of this permit approval. The Permittee, Mr. Vincent L. Ferguson shall be required to contact the Lake City Permits Office for a connection inspection before legal release can be made, see page 2 of form 850-040-18 for contact information.

PART 6: APPEAL PROCEDURES

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57 (1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120. 57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

1. Your name, address, telephone number, any Department of Transportation Identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an adminstrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

FLORIDA DEPARTMENT OF TRANSPORTATION

JEB BUSH
GOVERNOR

DENVER J. STUTLER, JR.
SECRETARY

Permit No: 2007-A-292-33 / State Rd: 47S
Rd. Section No: 29020 / MP: 0.229 + -
Permittee: Vicent L. Ferguson
(Parcel No. 1 Only)

SPECIAL PERMIT PROVISION SHEET, PAGE 1 OF 2

THE FOLLOWING PROVISIONS IF MARKED, SHALL BE REQUIRED AS A LEGAL PART OF THIS PERMIT. READ ALL GENERAL AND SPECIAL PERMIT PROVISIONS BEFORE COMMENCING ANY WORK APPROVED UNDER THIS PERMIT.

1. ALL PORTIONS OF THE FDOT RIGHT-OF-WAY DISTURBED DURING PERMITTED CONSTRUCTION SHALL REQUIRE BERMUDA GRASS SEED AND STRAW MULCH PLACED OVER ALL. MITERED END SECTIONS SHALL REQUIRE A MINIMUM OF 2 FEET OF COASTAL BERMUDA GRASS SOD PLACED AROUND EACH OF THE CONCRETE PADS, OR AS CALLED FOR IN FDOT SPECIFICATION STANDARDS. ___X___

2. PERMITTEE SHALL RESTORE ANY WILDFLOWERS DISTURBED DURING PERMITTED CONSTRUCTION WITH TYPE AND AMOUNT OF NEW WILDFLOWER SEED BEING DETERMINED BY MR. DICK BUSH, DISTRICT LANDSCAPING COORDINATOR. SEED SHALL BE DELIVERED TO LAKE CITY MAINTENANCE, PERMITS OFFICE BEFORE COMMENCEMENT OF REQUIRED PLACEMENT. ___X___

3. THE PERMITTEE SHALL CONTACT THE CITY, COUNTY AND STATE FDOT, PERMITS OFFICE A MINIMUM OF 48 HOURS IN ADVANCE OF STARTING EXCAVATION WITHIN THE AREA OF SIGNLALIZATION INTERSECTIONS.___X___

4. THE PERMITTEE MAY BE REQUIRED TO RELOCATE (MOVE) PERMITTED IMPROVEMENTS IF SO INDICATED BY THIS PERMIT'S PROVISIONS AT A FUTURE DATE, DUE TO PROPOSED FUTURE OR ON-GOING FDOT ROADWAY CONSTRUCTION PLANNED WITHIN THE LIMITS OF THIIS APPROVED PERMIT.___X___

5. EXISTING UTILITIES MAY BE LOCATED WITHIN THE LIMITS OF THE SUBMITTED APPLICATION FOR PERMIT, PRIOR TO FINAL PERMIT APPROVAL BUT AFTER PERMIT APPLICATION SUBMITTAL HAS BEEN RECEIVED, THE PERMITTEE SHALL LOCATE ALL PRE-EXISTING UTILITIES AND NOTIFY SAME AS TO POSSIBLE PERMITTING CONFLICTS AS SHOWN WITHIN THE LIMITS OF THE PROPOSED PERMIT WORK ZONE. THE PERMITTEE SHALL GIVE PROOF THAT ALL UTILITIES WITH PRIOR EXISTING INTEREST IN THE AREA BEING PERMITTED HAVE BEEN CONTACTED AND NOTIFIED OF PROPOSED SUBMITTAL AND PERMIT PLANS. THE PERMITTEE SHALL BE SOLELY RESPONDSIBLE FOR ANY AND ALL DAMAGES TO PRE-EXISTING UTILITIES AND/OR DAMAGE TO THIRD PARTIES CAUSED BY INTERFERENCE WITH OR DAMAGE TO EXISITNG UTILITIES.___X___

6. NO PRIVATE BUSINESS SHALL BE CONDUCTED UPON FDOT RIGHT-OF-WAY, IF VEHICLES ARE TO BE SERVICED ADJACENT TO THE STATE RIGHT-OF-WAY LINE THE PUMP ISLAND MUST BE LOCATED AT LEAST 12

FLORIDA DEPARTMENT OF TRANSPORTATION

JEB BUSH
GOVERNOR

DENVER J. STUTLER, JR.
SECRETARY

Permit No: 2007-A-292-33 / State Rd: 47S
Rd. Section No: 29020 / MP: 0.229 + -
Permittee: Vicent L. Ferguson
(Parcel No. 1 Only)

SPECIAL PERMIT PROVISION SHEET, PAGE 1 OF 2

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2. PERMITTEE SHALL RESTORE ANY WILDFLOWERS DISTURBED DURING PERMITTED CONSTRUCTION WITH TYPE AND AMOUNT OF NEW WILDFLOWER SEED BEING DETERMINED BY MR. DICK BUSH, DISTRICT LANDSCAPING COORDINATOR. SEED SHALL BE DELIVERED TO LAKE CITY MAINTENANCE, PERMITS OFFICE BEFORE COMMENCEMENT OF REQUIRED PLACEMENT. ___X___

3. THE PERMITTEE SHALL CONTACT THE CITY, COUNTY AND STATE FDOT, PERMITS OFFICE A MINIMUM OF 48 HOURS IN ADVANCE OF STARTING EXCAVATION WITHIN THE AREA OF SIGNLALIZATION INTERSECTIONS.___X___

4. THE PERMITTEE MAY BE REQUIRED TO RELOCATE (MOVE) PERMITTED IMPROVEMENTS IF SO INDICATED BY THIS PERMIT'S PROVISIONS AT A FUTURE DATE, DUE TO PROPOSED FUTURE OR ON-GOING FDOT ROADWAY CONSTRUCTION PLANNED WITHIN THE LIMITS OF THIIS APPROVED PERMIT.___X___

5. EXISTING UTILITIES MAY BE LOCATED WITHIN THE LIMITS OF THE SUBMITTED APPLICATION FOR PERMIT, PRIOR TO FINAL PERMIT APPROVAL BUT AFTER PERMIT APPLICATION SUBMITTAL HAS BEEN RECEIVED, THE PERMITTEE SHALL LOCATE ALL PRE-EXISTING UTILITIES AND NOTIFY SAME AS TO POSSIBLE PERMITTING CONFLICTS AS SHOWN WITHIN THE LIMITS OF THE PROPOSED PERMIT WORK ZONE. THE PERMITTEE SHALL GIVE PROOF THAT ALL UTILITIES WITH PRIOR EXISTING INTEREST IN THE AREA BEING PERMITTED HAVE BEEN CONTACTED AND NOTIFIED OF PROPOSED SUBMITTAL AND PERMIT PLANS. THE PERMITTEE SHALL BE SOLELY RESPONDSIBLE FOR ANY AND ALL DAMAGES TO PRE-EXISTING UTILITIES AND/OR DAMAGE TO THIRD PARTIES CAUSED BY INTERFERENCE WITH OR DAMAGE TO EXISITNG UTILITIES.___X___

6. NO PRIVATE BUSINESS SHALL BE CONDUCTED UPON FDOT RIGHT-OF-WAY, IF VEHICLES ARE TO BE SERVICED ADJACENT TO THE STATE RIGHT-OF-WAY LINE THE PUMP ISLAND MUST BE LOCATED AT LEAST 12 FEET AWAY FROM THE STATE RIGHT-OF-WAY LINE. THIS IS A STATE PERTROLEUM LAW.___X___

7. DRIVEWAY ACCESS PERMITS ARE GRANTED TO PERMIT ACCESS TO THE ABUTTING FDOT RIGHT-OF-WAY LINE ONLY AND MAKE NO CLAIM ORTHER THAN FOR STATE PROPERTY.
PARKING ON THE RIGHT-OF-WAY MAY BE RESTRICTED OR PROHIBITED.___X___

8. THE ERECTION OF ABOVEGROUND PERMITTED AND UNPEMITTED SIGNS ON OR OVER HANGING THE STATE RIGHT-OF-WAY OR its ROADS IS PROHIBITED. ALSO THE CONNECTION OF ANY TYPE OF UNPERMITTED SUBSURFACE DRAINAGE TO THE STATE FDOT RIGHT-OF-WAY IS PROHIBITED.___X___

9. ALL CONSTUCTION AND/OR MAINTENANCE OF TRAFFIC CONDUCTED UPON THE STATE RIGHT-OF-WAY SHALL CONFORM TO THE MOST CURRENT FERERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE STATE FDOT DESIGN STANDARDS AS WELL AS THE MANUAL ON ROADWAY AND TRAFFIC DESIGN STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE.___X___

10. PRE AND FINAL INSPECTIONS ARE REQUIRED BY THE FDOT PERMITS OFFICE, CALL 396-961-7180 A MINIMUM OF 24 HOURS IN ADVANCE TO SET UP THIS REQUIRED PERMIT PROCEDURE. BE AWARE THAT IF FUTURE PROPERTY IMPROVEMENTS ARE PLANNED THE FDOT WILL NOT RELEASE THE PERMITTEE UNTIL THE PERMITTEE HAS MADE LEGAL CONTACT THIS THE NUMBER ABOVE AND HAS RECEIVED A PEASSING INSPECTION OF THE PERMITTED CONNECTION.___X___

11. WHEN YOU ARE READY TO ACTIVATE YOUR APPROVED PERMIT A PRE-CONSTRUCTION MEETING IS MANDATORY. TO ACTIVATE AND SET UP THE REQUIRED PRE-CONSTRUCTION MEETING CALL 386-961-7180 AT LEAST 48 HOURS IN ADVANCE OF YOUR PLANNED ACTIVATION DATE.___X___

12. IF PERMITTED WORK LIMITS FALL WITHIN AN ON-GOING OR PLANNED STATE ROADWAY PROJECT, THE PERMITTEE SHALL SCHEDULE A MUTUALLY AGREED START DATE WITH THE STATE FDOT ENGINEER & THE, CONTRACTOR RESPONSIBLE FOR THE PROJECT. CALL LAKE CITY MAINTENANCE, PERMITS FOR ASSISTANCE IN OBTAINING THIS INFORMATION AT 386-961-7180.___X___

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY/CONNECTION APPLICATION FOR ALL CATEGORIES

850-040-15
SYSTEMS PLANNING
04/05

OFFICE USE ONLY

Application Number: 20070A-292-33

Received By: Neil E. Miles
FDOT STAFF (TYPE OR PRINT)

Category: A

Date: 5-11-07

Section/Mile Post: 29020 / 0.229 + -

State Road: 47 (S)

Section/Mile Post: N/A

State Road: N/A

Instructions - To Applicant

- Contact the Department of Transportation to determine what plans and other documents you are required to submit with your application.
- Complete this form (some questions may not apply to you) and attach all necessary documents and submit it to the Department of Transportation.
- For help with this form contact your local Maintenance or District Office.
  - Or visit our website at www.dot.state.fl.us/onestoppermitting for the contact person and phone number in your area.
  - You may also email - driveways@dot.state.fl.us
  - Or call your District or local Florida Department of Transportation Office and ask for Driveway Permits.

Please print or type

APPLICANT:

Check one:

(●) Owner ( ) Lessee ( ) Contract to Purchase

Name: Vincent L. Ferguson

Responsible Officer or Person: Same as Above

If the Applicant is a Company or Organization, Name: N/A

Address: N/A

City, State: N/A

Zip: _____ Phone: _____ Fax: _____

Email: _____

LAND OWNER:(if not applicant)

Name: Vincent L. Ferguson

If the Applicant is a Company or Organization, Name: N/A

Address: 22390 SW SR-47

City, State: Ft. White, Florida

Zip: 32038 Phone: (386) 433-0021 Fax: _____

Email: _____

AUTHORIZED REPRESENTATIVE: If specified by Applicant to handle, represent, sign, and file the application -
NOTE: A notarized letter of authorization must be provided with the Application

Name: N/A

Company Name:

Address:

City, State:

Zip: Phone: Fax:

Email:

Address of property to be served by permit (if known):
Unknown

If address is not known, provide distance from nearest intersecting public street (such as, 500 feet south of Main St.)

Proposed new ditch block connection is to be located approximately 212 LF south of the C/L of CR-138

Check here if you are requesting a

(●) new driveway ( ) temporary driveway ( ) modification to existing driveway ( ) safety upgrade

Does the property owner own or have any interests in any adjacent property?

( ) No (●) Yes, if yes - please describe: Owner ownes both Lots 1 and 2 as shown on the attached propt. survey.

Are there other existing or dedicated public streets, roads, highways or access easements bordering or within the property?

(●) No ( ) Yes, if yes - list them on your plans and indicate the proposed and existing access points.

Local Government Development Review or Approval Information:

Local Government Contact: Mr. John Kerce

Name:

Government Agency: Columbia Couty Building Department

Phone #:

If you are requesting commercial or industrial access, please indicate the types and number of businesses and provide the floor area square footage of each. Use additional sheets if necessary.

Business (Name and Type)	Square Footage	Business (Name and Type)	Square Footage
1. Residential (Single)		3.	
2.		4.	

If you are requesting a residential development access, what is the type (single family, apartment, townhouse) and number of units?

Type	Number of Units
Single Unit	1

Provide an estimate of the daily traffic volume anticipated for the entire property at build out. (An individual single family home, duplex, or quad-plex is not required to complete this section).

Daily Traffic Estimate = 20 or less (Use the latest Institute of Transportation Engineers (ITE) Trip Generation Report)

If you used the ITE Trip Generation Report, provide the land use code, independent variable, and reference page number.

ITE Land Use Code	Independent Variable	ITE Report page number reference
N/A		

Check with the Florida DOT Office where you will return this form to determine which of the following documents are required to complete the review of your application.

Plans should be 11" x 17" (scale 1" x 50')
Note: No plans larger than 24" x 36" will be accepted

a) Highway and driveway plan profile
b) Drainage plan showing impact to the highway right-of-way
c) Map and letters detailing utility locations before and after Development in and along the right of way
d) Subdivision, zoning, or development plans
e) Property map indicating other access, bordering roads and streets
f) Proposed access design
g) Parcel and ownership maps including easements (Boundary Survey)
h) Signing and striping plans
i) Traffic Control/Maintenance of Traffic plan
j) Proof of liability insurance
k) Traffic Impact Study
l) Cross section of roadway every 100' if exclusive turn lanes are required

Important Notices to Applicant Before Signing Application

The Department Reserves The Right To Change Traffic Features And Devices In Right Of Way At Any Time
Proposed traffic control features and devices in the right of way, such as median openings and other traffic control devices, are not part of the connection(s) to be authorized by a connection permit. The Department reserves the right to change these features and devices in the future in order to promote safety in the right of way or efficient traffic operations on the highway. Expenditure by the applicant of monies for installation or maintenance of such features or devices shall not create any interest in the maintenance of such features or devices.

Significant Changes In Property Use Must Undergo Further Review
If an access permit is issued to you it will state the terms and conditions for its use. Significant changes in the use as defined in Section 335.182(3), Florida Statutes, of the permitted access not consistent with the terms and conditions listed on the permit may be considered a violation of the permit.

All Information I Give Is Accurate
I certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief, such information is true, complete and accurate.

Starting Work On The Driveway Connection After I Get My Permit Means I Accept All the Conditions In My Permit
I will not begin work on the connection until I receive my Permit and I understand all the conditions of the Permit. When I begin work on the connection, I am accepting all conditions listed in my Permit.

Applicant Name (Printed): Vincent L. Ferguson

Applicant's signature: Vincent L Ferguson Date 6-1-07

Permit Information Tracking System

User ID: MT292NM Help

Main | Permit Log | **2007-A-292-33 (Roadway Access)** | Tracking | Locations | Comments

Substatus:	UNDER REVIEW		
Status:	UNDER REVIEW		
Status Change Date:	5/31/2007 7:51:30 AM	**Status Change User ID:**	MT292NM
Category:	A - 20 VTPD		
Land Use:	RESIDENTIAL		
Date Received:	5 / 11 / 2007	**Date Denied:**	
Date Approved:		**Date Expired:**	
Fee:	$ 50.00	**Receipt Number:**	
Bond Amount:	$ 0.00	**Bond Expiration Date:**	/ /
Applicant's Name:	Vincent L. Ferguson	**Phone:**	(386) 433 - 0021
Applicant's Address:	22390 SW SR-47	**City:**	Fort White
State:	FL	**Zip:**	32038 -
Project Name:	Ditch Block w.gravel	**Phone:**	( ) -
Project Address:		**City:**	Ft. White
State:	FL	**Zip:**	32038 -
Applicant's Agent:	NONE REQ.-RESIDEN	**Agent's Phone:**	( ) -
Agent's Firm:	None Req.		
Common Street Name:	47 South		
Variance Code:	NON-CONFORMING		

Save

Prepared by:
M. BLAIR PAYNE, ESQ.
Darby, Peele, Bowdoin & Payne
285 NE Hernando Ave
P.O. Drawer 1707
Lake City, FL 32056-1707

Parcel ID No._____

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2232

SPECIAL WARRANTY DEED

THIS SPECIAL WARRANTY DEED made this 5th day of ~~May~~ July, 2006, by **VINCENT FERGUSON** and **BARBARA FERGUSON**, hereinafter called Grantors, to **VINCENT FERGUSON**, whose address is 22392 SW State Road 47, Fort White, Florida 32038, hereinafter called the Grantee:

WITNESSETH:

That Grantors, for and in consideration of the sum of TEN AND NO/100 ($10.00) DOLLARS and other valuable considerations, receipt whereof is hereby acknowledged, hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee, all that certain land situate in Columbia County, Florida, to-wit:

TOWNSHIP 7 SOUTH - RANGE 16 EAST

Section 20: Commence at a concrete monument at the NW corner of the aforementioned Section 20, Township 7 South, Range 16 East for the Point of Reference and run N 88°20'09" E, along the North line of said Section 20, a distance of 611.49 feet to a concrete monument and the true Point of Beginning; thence continue N 88°20'09" E, along said North line, a distance of 781.80 feet to a concrete monument at the intersection of said North line with the Westerly right-of-way line of State Road No. 47 (100 foot right-of-way); thence run Southwesterly, along said right-of-way line and with a curve concave Westerly, said curve having a radius of 11409.16 feet, through an arc angle of 02°30'53", an arc distance of 500.77 feet (chord bearing and distance of S 19°28'35" W, 500.73 feet respectively) to a steel rod and cap; thence run N 60°55'27" W, a distance of 730.28 feet to a steel rod and cap; thence run N 14°05'43 E, a distance of 97.42 feet to the true Point of Beginning, containing 5.001 acres more or less.

Subject to, together with and reserving unto grantors, their successors and/or assigns an easement for ingress and egress over, under and across a 20-foot wide stip of land, said strip of land being more particularly described as follows:

Commence at a concrete monument at the NW corner of the aforementioned Section 20, Township 7 South, Range 16 East for the Point of Reference and run N 88°20'09" E, along the North line of said Section 20, a distance of 611.49 feet to a concrete monument at the NW corner of the aforedescribed 5.001 acre tract of land and the true point of beginning of said 20-foot strip of land; thence continue N 88°20'09" E, along said North line, a distance of 781.80 feet to a concrete monument at the intersection of said North line with the Westerly right-of-way line of State Road No. 47 (100 foot right-of-way); thence run Southwesterly along said right-of-way line and with a curve concave westerly, said curve having a radius of 11409.16 feet, through an arc angle of 00°06'25', an arc distance of 21.27 feet (chord bearing and distance of S 18°16'20" W, 21.27 feet respectively) to a steel rod and cap; thence run S 88°20'09" W, parallel with and 20 feet south of said North line of Section 20, a distance of 780.19 feet to a steel rod and cap on the West line of the aforedescribed 5.001 acre tract of land; thence run N 14°05'43" E, along said West line of the afredescribed 5.001 acre tract of land, a distance of 20.78 feet to the true Point of Beginning.

TOGETHER WITH: commence at the NW corner of Section 20, Township 7 South, Range 16 East, Columbia County, Florida and run thence N 89°16'01" E, along the North line of Section 20, 611.49 feet; thence S 14°56'30" E, 97.44 feet; thence S 60°03'22" E, 731.05 feet to the Westerly right-of-way of State Road No. 47 and to a point on a curve; thence run Southerly along said Westerly right-of-way, along the arc of said curve concave to the NW, having a radius of 11409.16 feet, a delta of 01°00'16", a chord bearing and distance of S 22°06'29" W 200.00 feet, an arc distance of 200.00 feet to the Point of Beginning; thence continue Southerly along said Westerly right-of-way, along the arc of said curve concave to the NW, having a radius of 11409.16 feet, a delta of 00°51'32", a chord bearing and distance of S 23°02'23" W -171.04 feet, an arc distance of 171.05 feet; thence continue along said Westerly right-of-way, the following courses; S 23°29'21" W, 368.40 feet; S 25°31'42" W, 604.23 feet; S 23°29'21" W, 159.21 feet to a ½" rebar & cap (FDOT); S 23°29'21" W, 45.8 feet, more or less, to the North bank of the Santa Fe River and to the end of said courses; thence run Northwesterly along said North bank of the Santa Fe River, 461.7 feet, more or less, to a set ⅝" rebar & cap (LB6685); thence N 22°52'48" E, 1149.53 feet; thence S 60°03'22" E, 352.20 feet to the Point of Beginning. Containing 10.07 acres, more or less.

N.B. This conveyance is between spouses or former spouses pursuant to an action for dissolution of their marriage filed in the Circuit Court in and for Columbia County, Florida under Case No. 05-508-DR and the property described herein is or was their marital home.

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2233

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 Grantors hereby covenant with said Grantee that Grantors are lawfully seized of said land in fee simple; that Grantors have good right and lawful authority to sell and convey said land, and hereby warrant the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under said Grantors.

IN WITNESS WHEREOF, said Grantors have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered
in the presence of:

Patricia D Wilders

PATRICIA D. WILDERS
(Print witness name)

Elaine Hundley

Elaine Hundley
(Print witness name)

Vincent Ferguson

STATE OF FLORIDA
COUNTY OF Columbia

BEFORE ME, the undersigned authority, on this the 5th day of ~~May~~ July, 2006, personally appeared **VINCENT FERGUSON**, to me well known, or who produced Florida Drivers License as identification, and he executed the same.

Patricia D Wilders
Notary Public - State of Florida
PATRICIA D. WILDERS
(print or type name)

PATRICIA D. WILDERS ★ NOTARY PUBLIC, STATE OF FLORIDA ★ MY COMMISSION EXPIRES April 20, 2009 #DD414118 Bonded Thru Troy Fain-Insurance 800-385-7019

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2234

Suzy McAdams
Suzy McAdams
(Print witness name)

Barbara Ferguson
Barbara Ferguson

Nancy L. Sigel
Nancy L. Sigel
(Print witness name)

STATE OF FLORIDA
COUNTY OF Alachua

BEFORE ME, the undersigned authority, on this the 23rd day of June, 2006, personally appeared **BARBARA FERGUSON**, to me well known, or who produced FL D.L. F622-061-53-942-0 as identification, and she executed the same.

Nancy L. Sigel
Notary Public - State of Florida

6/23/06 NANCY L. SIGEL
(print or type name)

NANCY L. SIGEL
MY COMMISSION # DD520217
EXPIRES: Feb. 20, 2010
(407) 398-0153 Florida Notary Service.com

Inst:2006015995 Date:07/05/2006 Time:14:22
Doc Stamp-Deed : 0.70
DC,P.DeWitt Cason,Columbia County B:1088 P:2235

RECORD OF SALE OF GOODS OR SERVICE/RECEIPT TRANSMITTAL

Form 350-080-32
Comptroller
General Accounting

DISTRICT OFFICE 2/Maintenance **CUSTODIAN NO.** _____

SOLD TO:

NAME: Vincent L. Ferguson

ADDRESS: 22390 SW SR-47

Ft. White, FL 32038

DELIVERY:

☐ PICK UP: _____ RECEIVED BY (SIGNATURE)

☐ SHIP TO:

SOLD TO ADDRESS:

CONTACT: _____

TELEPHONE NO. _____

83778

PAYMENT METHOD

☒ INDIVIDUAL SALE: AMOUNT OF CHECK $ 50.00 AND / OR AMOUNT OF CASH $ _____

☐ BATCH TRANSMITTAL: AMOUNT OF CHECKS $ _____ AND / OR AMOUNT OF CASH $ _____

☐ SALE ON ACCOUNT: ACCOUNT # _____ (Send copy to Accounts Receivable - MS 42)

DESCRIPTION OF SALE(S)

DESCRIPTION OF SALE	UNIT PRICE	SUBTOTAL	SALES TAX	DISCRET. TAX	TOTAL
Connection Fee	50.00				50.00
P# 2007-A-292-33					
GRAND TOTAL					50.00

TRANSACTION AUTHORIZED BY:

Rana Crawford — PRINT NAME

Rana Crawford — SIGNATURE

(386) 961-7180 — TELEPHONE NO.

5-31-07 — DATE

IF SALE ON ACCOUNT PERSON AUTHORIZING SALE

_____ PRINT NAME

_____ TELEPHONE NO.

_____ SIGNATURE

_____ DATE

COST DISTRIBUTION

ORGANIZATION CODE	EO	OBJECT	AMOUNT	FINANCIAL PROJ. (11 DIGITS)	B	EOB
55-910200000	HM	004029	50.00	2139401A102	1	393

riginal, Cashier's Office, or Accounts Receivable (if sale on Account) MS 42 Copies - (1) Customer (1) Financial Reporting, MS 42 (1) Retained in Custodial Office

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

RECEIPT OF CONNECTION APPLICATION AND FEE (OR WAIVER OF FEE)

850-040-16
SYSTEMS PLANNING
06/06

IMPORTANT NOTE: Even though your application has been accepted, it may not be complete. We will contact you if more information is needed.

(1) APPLICATION NUMBER: 2007-A-292-33

APPLICANT:

(2) Name/Address Vincent L. Ferguson
22390 SW SR-47
Ft. White, Fl. 32038

(3) Project Name: 12 foot wide Ditch-Block w/ granite garvel surface course stab.
Parcel No. 1

(4) Fee

		VEHICLES PER DAY	FEE
◉	Category A	1-20	$50.00
○	Category B	21-600	$250.00
○	Category C	601-1,200	$1,000.00
○	Category D	1,201-4,000	$2,000.00
○	Category E	4,001-10,000	$3,000.00
○	Category F	10,001-30,000	$4,000.00
○	Category G	30,001 +	$5,000.00
○	Temporary		$250.00
○	Safety		NO FEE
○	Government Entity		NO FEE

RECEIPT NO.: 83778

(5) Application Fee Collected $ 50.00

Payment Type:
Money Order ○
Check ◉ Check Number 0214 (Personal)
Cash ○

(6) Fee Collected By
Name N. E. Miles
Signature
Date: 5-31-07 District 2 Unit 292

(7) Receipt Given Back to Applicant Via

○ Hand Delivery ◉ Mail ○ Courier Service ○ Other

Applicant (or Agent) Signature (if available)

This form bears your application number and serves as your receipt.

(8) If fee is waived, give justification below or on separate sheet.

FOR AGENCY USE ONLY - ATTACH COPY OF CHECK ON THE NEXT PAGE
Make Checks payable to: State of Florida Department of Transportation

FENCE 0.6' W OF PROPERTY LINE

POWER POLE 0.8'E OF LINE

48 HOURS BEFORE YOU DIG
CALL SUNSHINE
1-800-432-4770
IT'S THE LAW IN FLORIDA

PROCESSED BY LAKE CITY MAINT.
FDOT
PERMITS
PERMITS DEPT.

731.05'

WEST RIGHT O

BENCHMARK: NAIL IN SOUTH SIDE
OF 14" OAK TREE
ELEVATION = 40.28'
SEE NOTE 8.

LB 2903

16.1

PART OF NW 1/4
NOT INCLUDED

N 14°56'30" E 1207.88'

(NOT A PART)

LB 6685

S 60°03'22" E 352.20'

P.O.B.
PARCEL 1

2A

50'

EDGE OF ASPHALT PAVEMENT

2

LB 6685

N 66°44'07" W
122.77'

2B

LB 6685

PARCEL 1
5.89 AC. ±

2C

6"x 6" SRD

NO ID

P.O.
PARC

PC STA
FDOT R

N 22°52'48" E 1149.53'

STA. 1104+00.00
FDOT R/W MAP 29020-2514

S 23°29'21" W 368.40'

FDOT

768.40' (M)

N 23°29'21" E
(BASIS OF BEARINGS)

SW STATE ROAD 47

UMBIA

2.8'

2903

COUNTY

S 27°07'55" W 1170.20'

PARCEL 2
4.18 AC. +

604.23'

15.8'

300.9' ±

STA. 1100+00.00
FDOT R/W MAP 29020-2514

SANTA FE RIVER

LB 6685

WEST RIGHT OF WAY

S 25°31'42" W

FORMER R/W

NO ID

268.5' ±

832.91'

FDOT

71.50'

GUARDRAIL

S 23°29'21" W
159.21'

LB 6685

1.6'±

S 23°29'21" W

15.5'

FDOT

45.8'

71.5'

193.2' ±

TOP OF NORTH BANK

PRM
LS 3784

50'

COUNTY

RIVER MILE 15.7

COLUMBIA COUNTY BUILDING DEPARTMENT

Revised 10-01-05

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004 WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE
EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1609 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ——— 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ———110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant	Plans Examiner	
☑	☐	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
☑	☐	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
☑	☐	**Site Plan including:** a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
☑	☐	**Wind-load Engineering Summary, calculations and any details required** Plans or specifications must state compliance with FBC Section 1609. *The following information must be shown as per section 1603.1.4 FBC* a. Basic wind speed (3-second gust), miles per hour (km/hr). b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7. c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated. d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient. e. Components and Cladding. The design wind pressures in terms of psf (kN/m²) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.
☑	☐	**Elevations including:** a) All sides
☑	☐	b) Roof pitch
☑	☐	c) Overhang dimensions and detail with attic ventilation

☑ ☐ d) Location, size and height above roof of chimneys.
☐ N/A ☐ e) Location and size of skylights
☑ ☐ f) Building height
☑ ☐ e) Number of stories

Floor Plan including:

☑ ☐ a) Rooms labeled and dimensioned.
☑ ☐ b) Shear walls identified.
☑ ☐ c) Show product approval specification as required by Fla. Statute 553.842 and Fla. Administrative Code 9B-72 (see attach forms).
☑ ☐ d) Show safety glazing of glass, where required by code.
☑ ☐ e) Identify egress windows in bedrooms, and size.
☑ ☐ f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).
☑ ☐ g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.
☑ ☐ h) Must show and identify accessibility requirements (accessible bathroom)

Foundation Plan including:

☑ ☐ a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
☑ ☐ b) All posts and/or column footing including size and reinforcing
☐ N/A ☐ c) Any special support required by soil analysis such as piling
☑ ☐ d) Location of any vertical steel.

Roof System:

☑ ☐ a) Truss package including:
1. Truss layout and truss details signed and sealed by Fl. Pro. Eng.
2. Roof assembly (FBC 106.1.1.2)Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

☑ ☐ b) Conventional Framing Layout including:
1. Rafter size, species and spacing
2. Attachment to wall and uplift
3. Ridge beam sized and valley framing and support details
4. Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

Wall Sections including:

☑ ☐ a) Masonry wall
1. All materials making up wall
2. Block size and mortar type with size and spacing of reinforcement
3. Lintel, tie-beam sizes and reinforcement
4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
5. *All required connectors with uplift rating* and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.
6. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
7. Fire resistant construction (if required)
8. Fireproofing requirements
9. Shoe type of termite treatment (termiticide or alternative method)
10. Slab on grade
    a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
11. Indicate where pressure treated wood will be placed
12. Provide insulation R value for the following:

a. Attic space
b. Exterior wall cavity
c. Crawl space (if applicable)

☐ ☐ b) Wood frame wall

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans.
7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termiticide or alternative method)
11. Slab on grade
    a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed
    b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
    a. Attic space
    b. Exterior wall cavity
    c. Crawl space (if applicable)

☐ ☐ c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

☑ Bonus Rm. Trusses ☐ a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer

☑ ☐ b) Floor joist size and spacing

☑ ☐ c) Girder size and spacing

☑ ☐ d) Attachment of joist to girder

☑ ☐ e) Wind load requirements where applicable

☑ ☐ **Plumbing Fixture layout**

Electrical layout including:

☑ ☐ a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

☑ ☐ b) Ceiling fans

☑ ☐ c) Smoke detectors

☑ ☐ d) Service panel and sub-panel size and location(s)

☑ ☐ e) Meter location with type of service entrance (overhead or underground)

☑ ☐ f) Appliances and HVAC equipment

☑ ☐ g) Arc Fault Circuits (AFCI) in bedrooms

☑ ☐ h) Exhaust fans in bathroom

HVAC information

☑ ☐ a) Energy Calculations (dimensions shall match plans)

☑ ☐ b) Manual J sizing equipment or equivalent computation

☐ ☐ c)Gas System Type (LP or Natural) Location and BTU demand of equipment

☑ ☐ **Disclosure Statement for Owner Builders**

☐ ☐ ***Notice Of Commencement Required Before Any Inspections Will Be Done**

☑ ☐ **Private Potable Water**

a) Size of pump motor
b) Size of pressure tank
c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.

2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.

3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 **(Toilet facilities shall be provided for construction workers)**

N/A 4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit. (386) 497-2321

5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is $50.00

NOT IN FLOODWAY
ELEVATION > 36 FT - NOT IN 100YR.

6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit ($25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver ($50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. **If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.**

7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 752-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE – TIME WILL NOT ALLOW THIS –PLEASE DO NOT ASK

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. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance 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

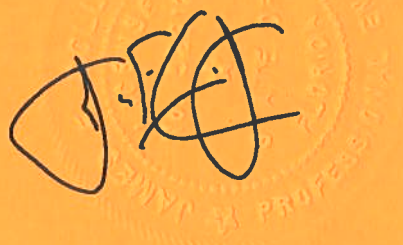
DATE

R-1305 01-04

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:1T69487-Z0506084544

Truss Fabricator:	Anderson Truss Company
Job Identification:	7-109--Owner_Builder FERGUSON -- , **
Truss Count:	26
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.24.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 32.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed



Seal Date: 04/06/2007

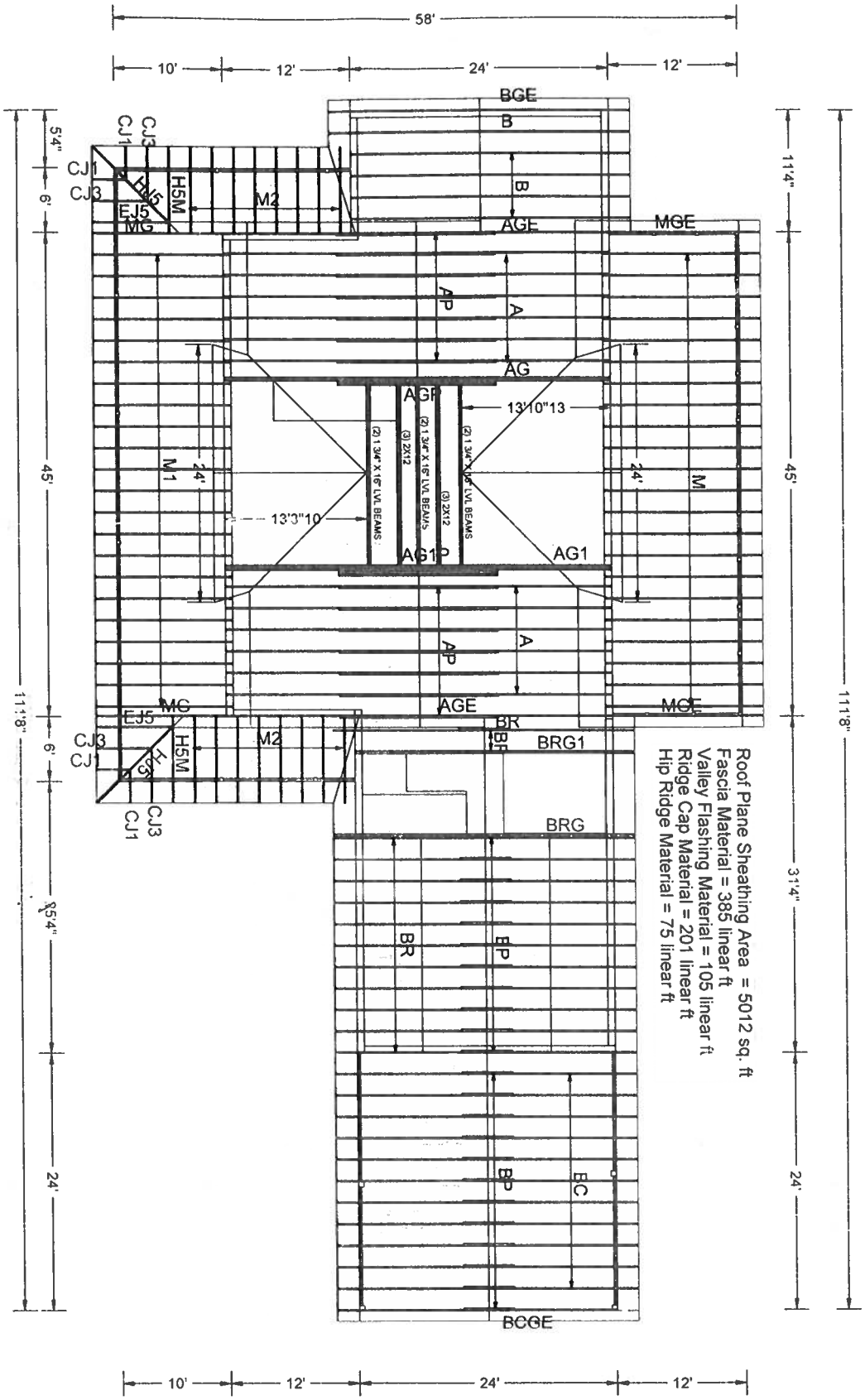
-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Notes:

1. Determination as to the suitability of these truss components for the structure is the responsibility of the building designer/engineer of record, as defined in ANSI/TPI 1
2. The drawing date shown on this index sheet must match the date shown on the individual truss component drawing.
3. As shown on attached drawings; the drawing number is preceded by: HCUSR487

Details: BRCLBSUB-140GS-140PB-A11015EE-GBLLETIN-

#	Ref Description	Drawing#	Date
1	46218--A	07095050	04/05/07
2	46219--AGE	07095040	04/05/07
3	46220--AG	07095042	04/05/07
4	46221--AG1	07095045	04/05/07
5	46222--B	07095053	04/05/07
6	46223--B	07095039	04/05/07
7	46224--BGE	07095034	04/05/07
8	46225--BC	07096010	04/06/07
9	46226--BCGE	07096011	04/06/07
10	46227--BR	07095048	04/05/07
11	46228--BRG	07095041	04/05/07
12	46229--BRG1	07095033	04/05/07
13	46230--CJ3	07095036	04/05/07
14	46231--HJ5	07095035	04/05/07
15	46232--EJ5	07095038	04/05/07
16	46233--CJ1	07095037	04/05/07
17	46234--M	07095044	04/05/07
18	46235--M1	07095052	04/05/07
19	46236--M2	07095055	04/05/07
20	46237--MG	07095051	04/05/07
21	46238--H5M	07095054	04/05/07
22	46239--MGE	07095046	04/05/07
23	46240--AP	07095049	04/05/07
24	46241--AGP	07095047	04/05/07
25	46242--AG1P	07095043	04/05/07
26	46243--BP	07096012	04/06/07



#7-109 Vince Ferguson 4/3/07 GA

Roof Plane Sheathing Area = 5012 sq. ft
Fascia Material = 385 linear ft
Valley Flashing Material = 105 linear ft
Ridge Cap Material = 201 linear ft
Hip Ridge Material = 75 linear ft

JOB NO.	JOB DESCRIPTION:: Owner_Builder /: FERGUSON	
7-109		
PAGE NO.		
1 OF 1		

(7-109--Owner_Builder FERGUSON -- , ** - A)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #2 :B2 2x10 SP #1 Dense:
Webs 2x4 SP #3 :W1, W15 2x6 SP #2:
:W11 2x4 SP #2 Dense:

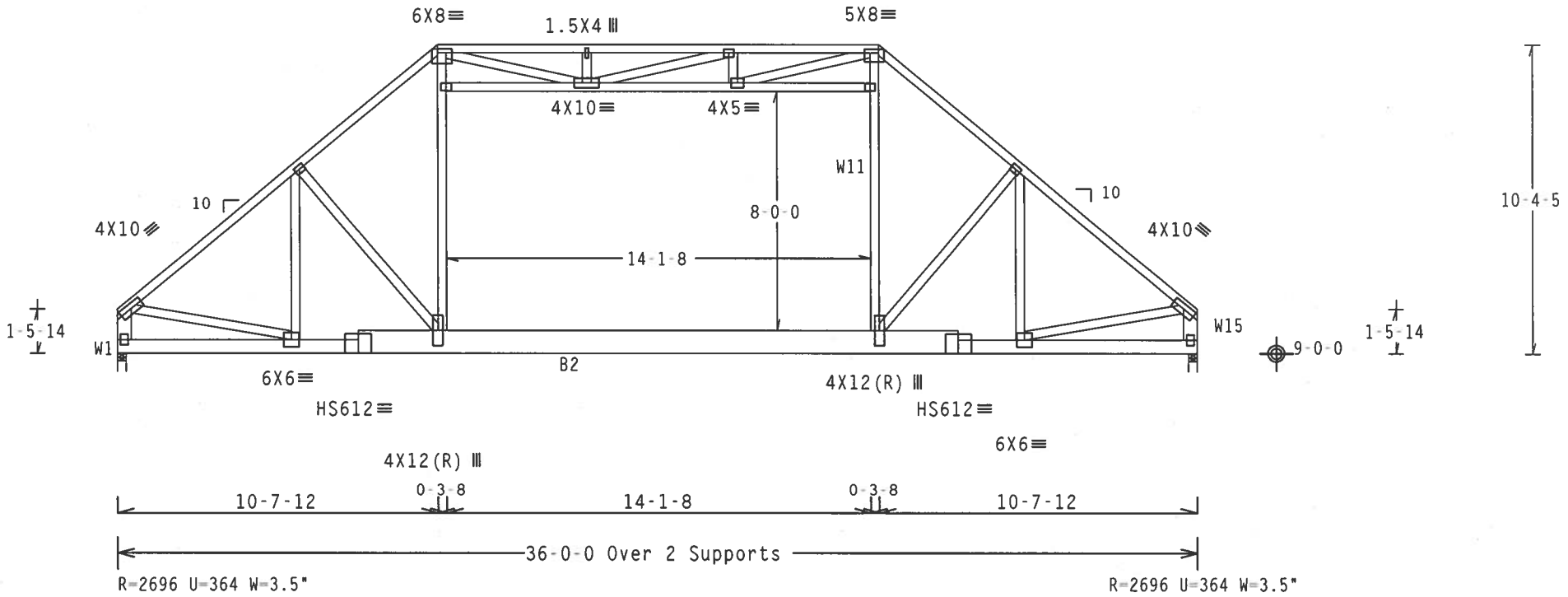
Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

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

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

Wind reactions based on MWFRS pressures.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 10-7-12 to 25-4-4.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

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

Apr 0

TC LL	20.0 PSF	REF R487-- 46218
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095050
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 174509
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x6 SP #2 :B2 2x10 SP #1 Dense:
Webs 2x4 SP #3 :W1 2x6 SP #2:
:W6, W12, W13, W16 2x4 SP #2 Dense:

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

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

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS TO BE DESIGNED BY THE BUILDING DESIGNER. CONNECTIONS SHALL BE FROM THE ROOF DIAPHRAGM TO THE CEILING DIAPHRAGM. THIS TRUSS IS NOT DESIGNED FOR LATERAL WIND PRESSURE APPLIED TO THE FACE. ANY LATERAL LOAD FROM WIND MUST BE TRANSFERRED TO THE BUILDING DIAPHRAGMS. LATERAL BRACING FOR WIND TO BE DESIGNED AND FURNISHED BY OTHERS.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

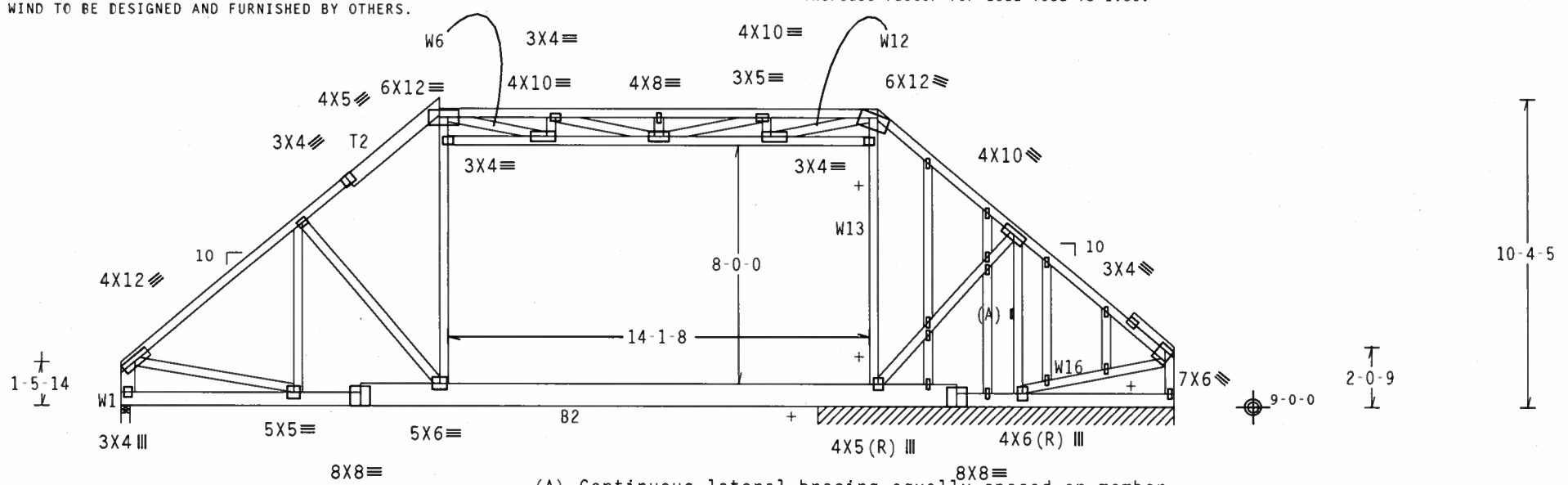
Calculated horizontal deflection is 0.07" due to live load and 0.27" due to dead load.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

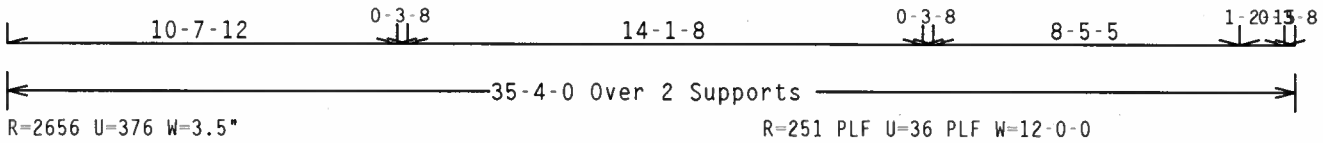
Collar-tie braced with continuous lateral bracing at 24" OC. or rigid ceiling.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 10-7-12 to 25-4-4.

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



(A) Continuous lateral bracing equally spaced on member.



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) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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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

Apr 08 '07

TC LL	20.0 PSF	REF R487-- 46219
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095040
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 174629
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x10 SP SS:
Webs 2x4 SP #3 :W1, W17 2x6 SP #2:

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

TC - From	66 PLF	at 0.00	to	66 PLF	at 6.26
TC - From	92 PLF	at 6.26	to	92 PLF	at 12.01
TC - From	92 PLF	at 12.01	to	92 PLF	at 23.99
TC - From	92 PLF	at 23.99	to	92 PLF	at 25.06
TC - From	92 PLF	at 25.06	to	92 PLF	at 29.74
TC - From	66 PLF	at 29.74	to	66 PLF	at 36.00
BC - From	20 PLF	at 0.00	to	20 PLF	at 10.65
BC - From	120 PLF	at 10.65	to	120 PLF	at 25.35
BC - From	20 PLF	at 25.35	to	20 PLF	at 36.00

TC - 1540 LB Conc. Load at 13.45, 18.00, 21.95
BC - 107 LB Conc. Load at 10.65, 25.35
BC - 3300 LB Conc. Load at 16.25, 19.88

CONVENTIONAL FRAMING IS NOT THE RESPONSIBILITY OF THE TRUSS DESIGNER, PLATE MANUFACTURER, NOR TRUSS FABRICATOR. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK ADVICE BY A LOCAL PROFESSIONAL ENGINEER REGARDING CONVENTIONAL FRAMING.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

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

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"_min.)_nails)
Top Chord: 1 Row @ 8.00" o.c.
Bot Chord: 1 Row @ 5.75" 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.

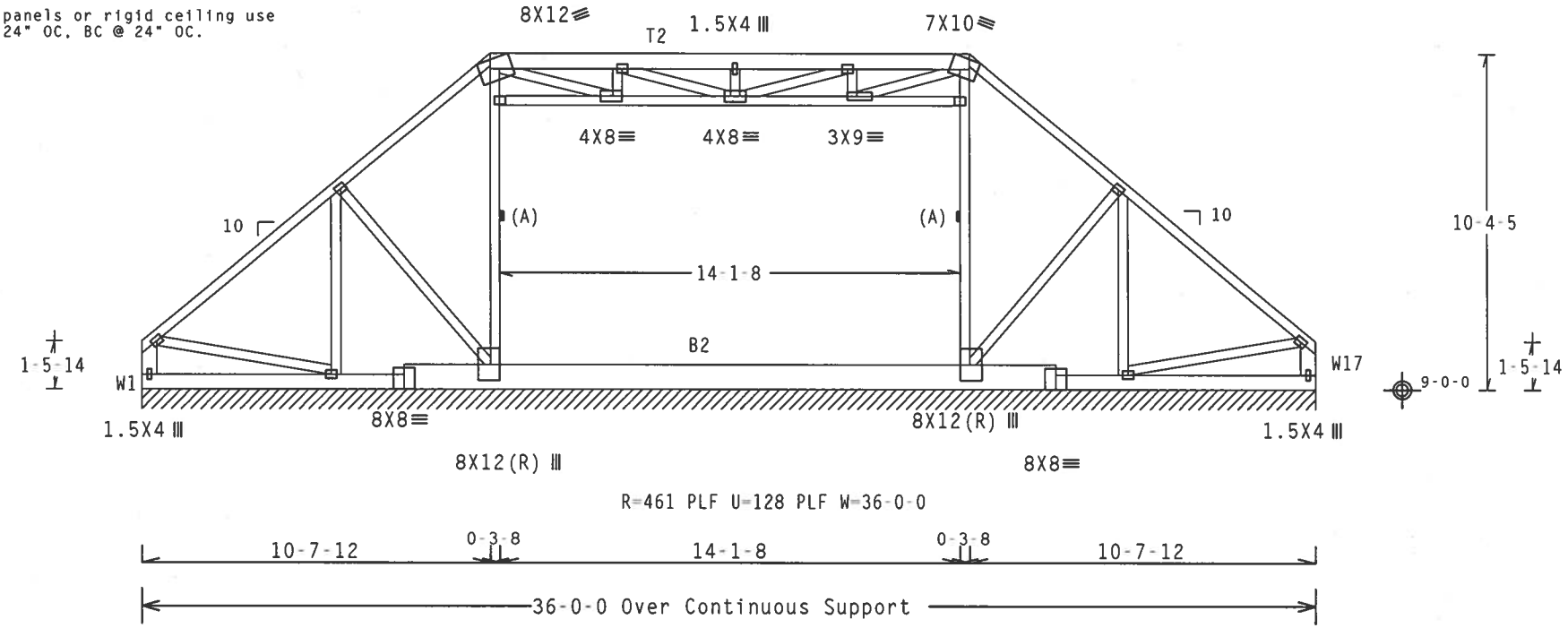
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

(A) Continuous lateral bracing equally spaced on member.

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

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

Apr

TC LL	20.0 PSF	REF R487-- 46220
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095042
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 175003
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1T69487 Z05

Top chord 2x4 SP #2 Dense :T2 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x10 SP SS:
Webs 2x4 SP #3 :W1, W17 2x6 SP #2:

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

TC - From	66 PLF	at 0.00	to	66 PLF	at 6.26
TC - From	92 PLF	at 6.26	to	92 PLF	at 12.01
TC - From	92 PLF	at 12.01	to	92 PLF	at 23.99
TC - From	92 PLF	at 23.99	to	92 PLF	at 25.06
TC - From	92 PLF	at 25.06	to	92 PLF	at 29.74
TC - From	66 PLF	at 29.74	to	66 PLF	at 36.00
BC - From	20 PLF	at 0.00	to	20 PLF	at 10.65
BC - From	120 PLF	at 10.65	to	120 PLF	at 25.35
BC - From	20 PLF	at 25.35	to	20 PLF	at 36.00

TC - 1540 LB Conc. Load at 13.45, 18.00, 21.95
BC - 107 LB Conc. Load at 10.65, 25.35
BC - 3300 LB Conc. Load at 16.25, 19.88

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

CONVENTIONAL FRAMING IS NOT THE RESPONSIBILITY OF THE TRUSS DESIGNER, PLATE MANUFACTURER, NOR TRUSS FABRICATOR. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK ADVICE BY A LOCAL PROFESSIONAL ENGINEER REGARDING CONVENTIONAL FRAMING.

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

4 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3"_min.)_nails)
Top Chord: 1 Row @ 7.75" o.c.
Bot Chord: 1 Row @ 5.50" 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.
In addition apply (1) 1/2" bolt at each bottom chord joint location.

In addition, apply Simpson's 1/4" x 6" SDS screws spaced 24" o.c. from loaded face of truss in top chord members.

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

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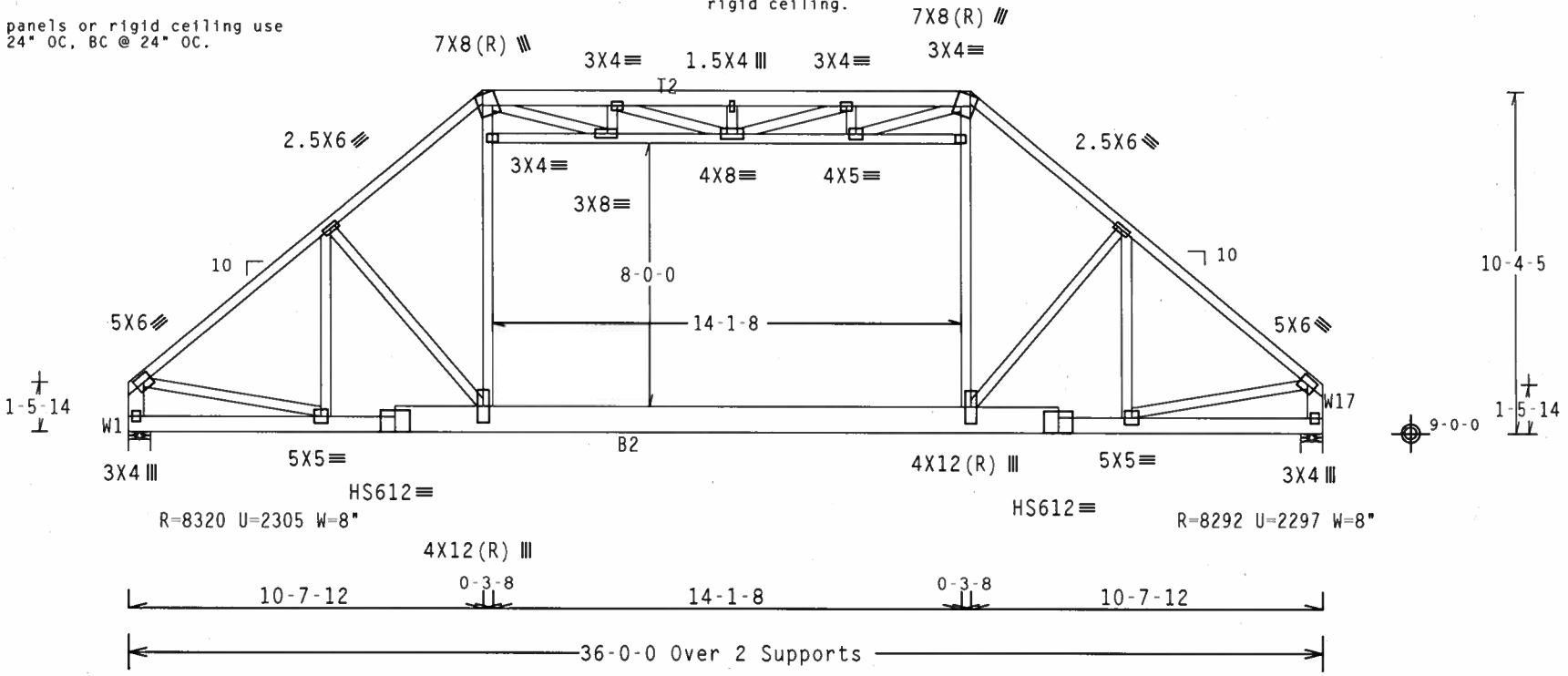
Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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

Apr

TC LL	20.0 PSF	REF	R487-- 46221
TC DL	10.0 PSF	DATE	04/05/07
BC DL	10.0 PSF	DRW	HCUSR487 07095045
BC LL	0.0 PSF	HC-ENG	MNM/AF
TOT.LD.	40.0 PSF	SEQN-	175013
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF-	1T69487 Z05

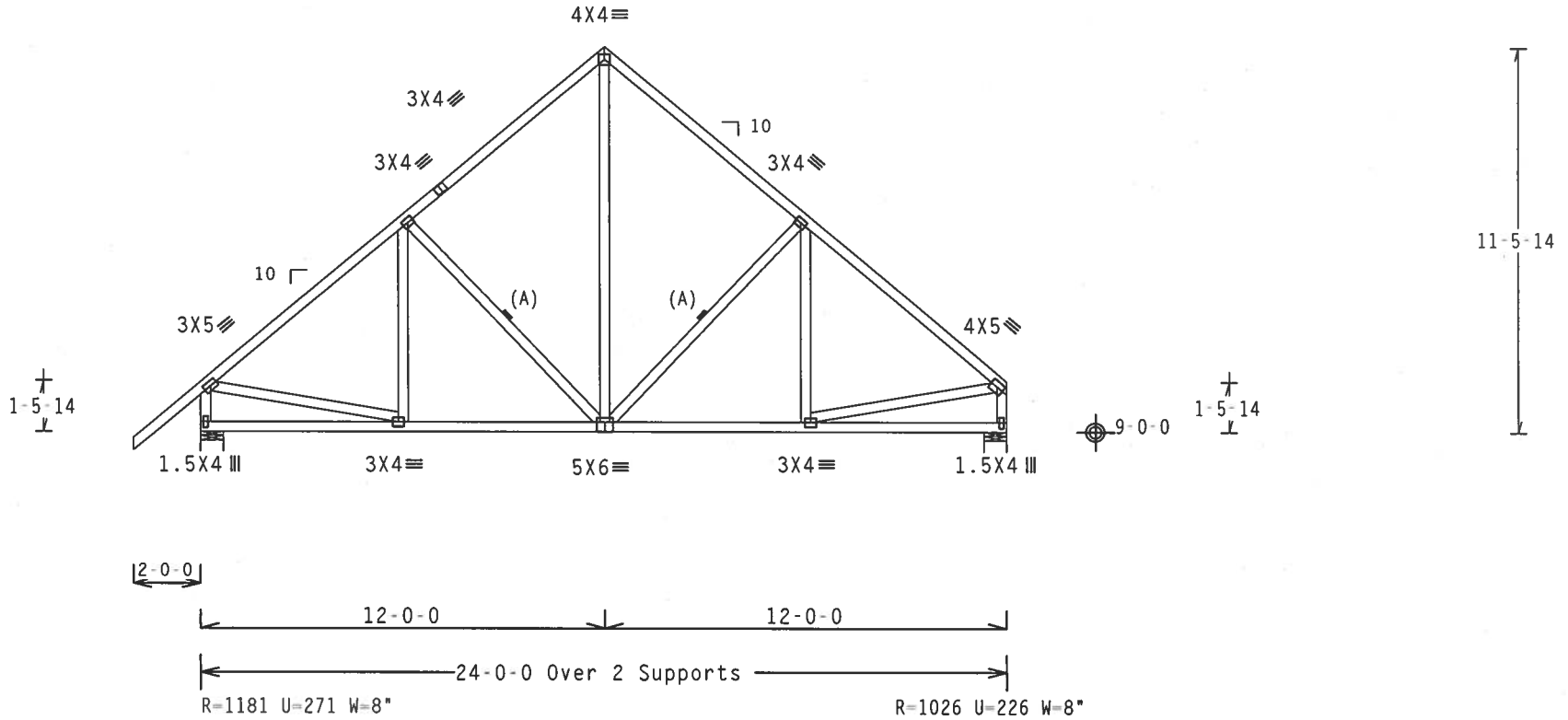
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

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

Apr 8

TC LL	20.0 PSF	REF R487-- 46222
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095053
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 174513
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

(7 109 Owner Builder FERGUSON , ** B)

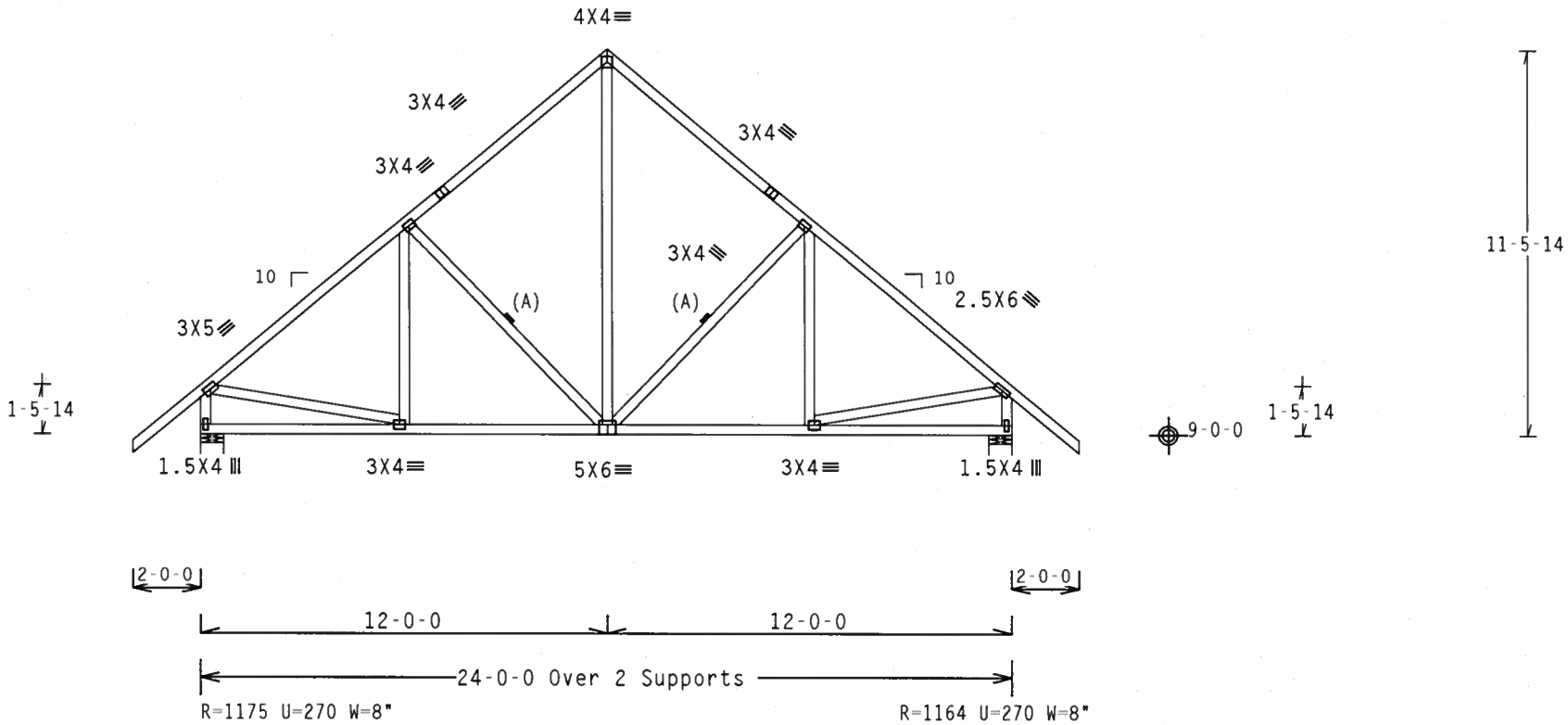
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

(A) Continuous lateral bracing equally spaced on member.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

PLT TYP. Wave

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

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

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JAMES F. COLLINS JR LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 06 '07

TC LL	20.0 PSF	REF	R487-- 46223
TC DL	10.0 PSF	DATE	04/05/07
BC DL	10.0 PSF	DRW	HCUSR487 07095039
BC LL	0.0 PSF	HC-ENG	MNM/AF
TOT.LD.	40.0 PSF	SEQN-	14725
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T69487 Z05

(7 109 Owner Builder FERGUSON , ** BGE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :M1, M13 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

See DWGS A11015EE0207 & GBLLETIN0207 for more requirements.

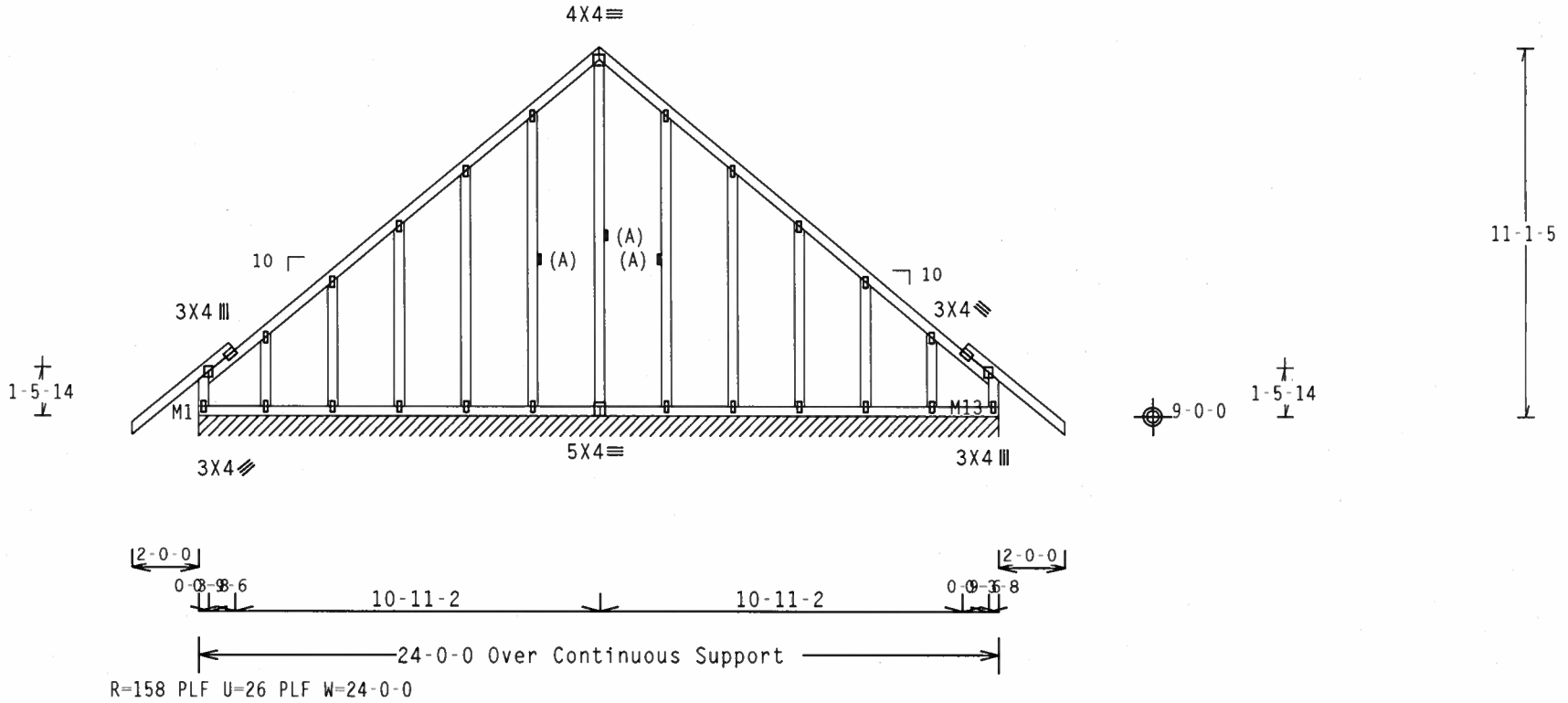
(A) Continuous lateral bracing equally spaced on member.

Fasten rated sheathing to one face of this frame.

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

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

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 1 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

Apr 0[illegible]

TC LL	20.0 PSF	REF	R487-- 46224
TC DL	10.0 PSF	DATE	04/05/07
BC DL	10.0 PSF	DRW	HCUSR487 07095034
BC LL	0.0 PSF		HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN-	174444
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T69487 Z05

(7-109--Owner_Builder FERGUSON -- , ** - BC)

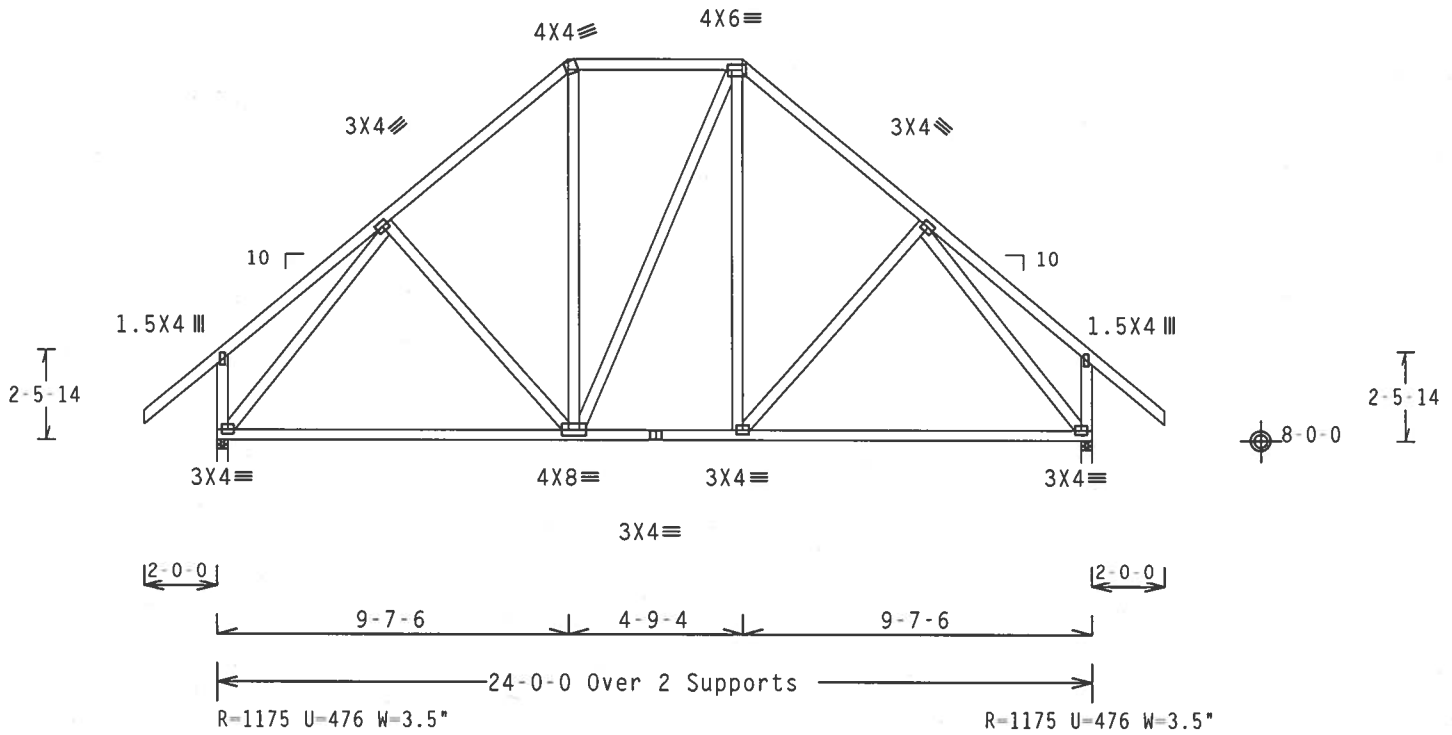
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

End verticals not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.16

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

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

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

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

Apr

TC LL	20.0 PSF	REF R487-- 46225
TC DL	10.0 PSF	DATE 04/06/07
BC DL	10.0 PSF	DRW HCUSR487 07096010
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 175474
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

(7-109--Owner_Builder FERGUSON -- , ** - BCGE)

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2, W10 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

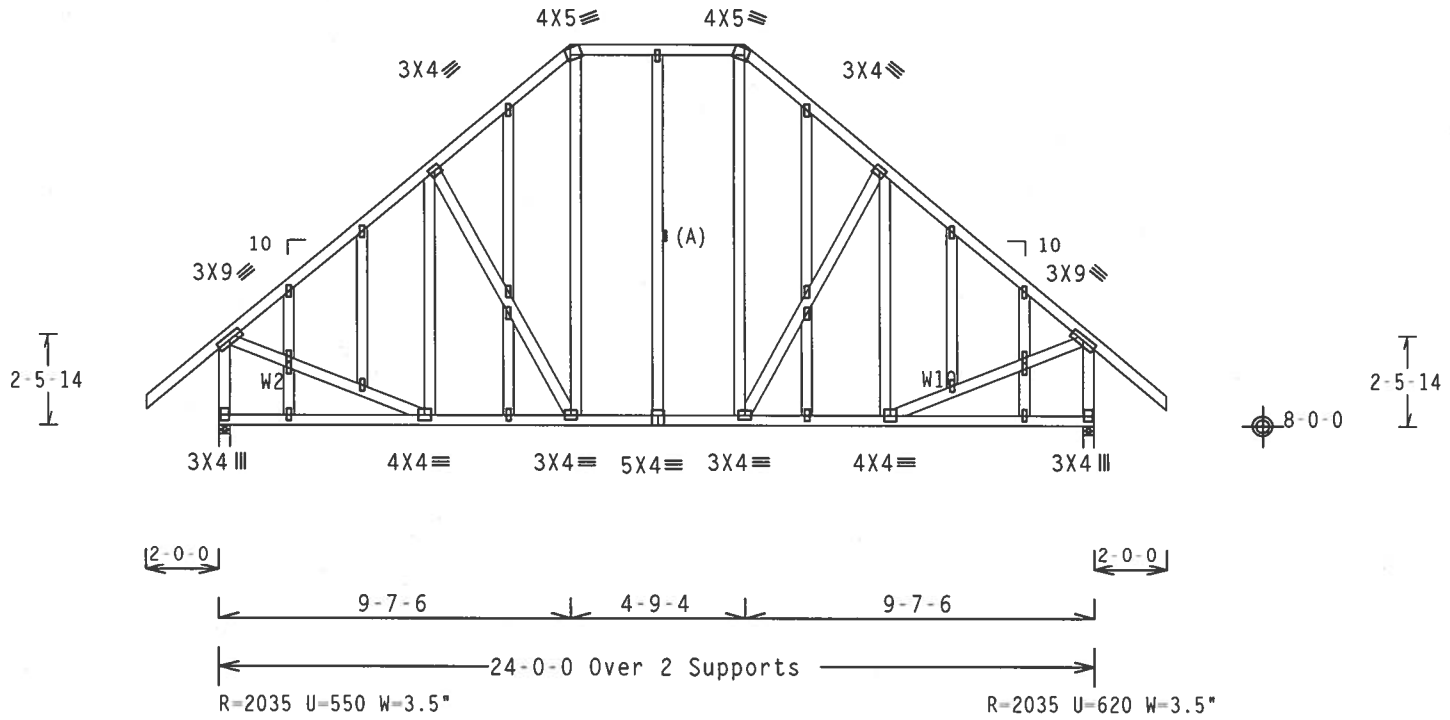
Truss spaced at 24.0" OC designed to support 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

SEE DRW HCUSR001 02086012 FOR GABLE DETAILS.

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

(A) Continuous lateral bracing equally spaced on member.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE

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

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

Apr

TC LL	20.0 PSF	REF R487-- 46226
TC DL	10.0 PSF	DATE 04/06/07
BC DL	10.0 PSF	DRW HCUSR487 07096011
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 175513
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

Top chord 2x4 SP #2 Dense :T2, T5 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x8 SP #1 Dense:
Webs 2x4 SP #3 :W13 2x4 SP #2 Dense:

Wind reactions based on MWFRS pressures.

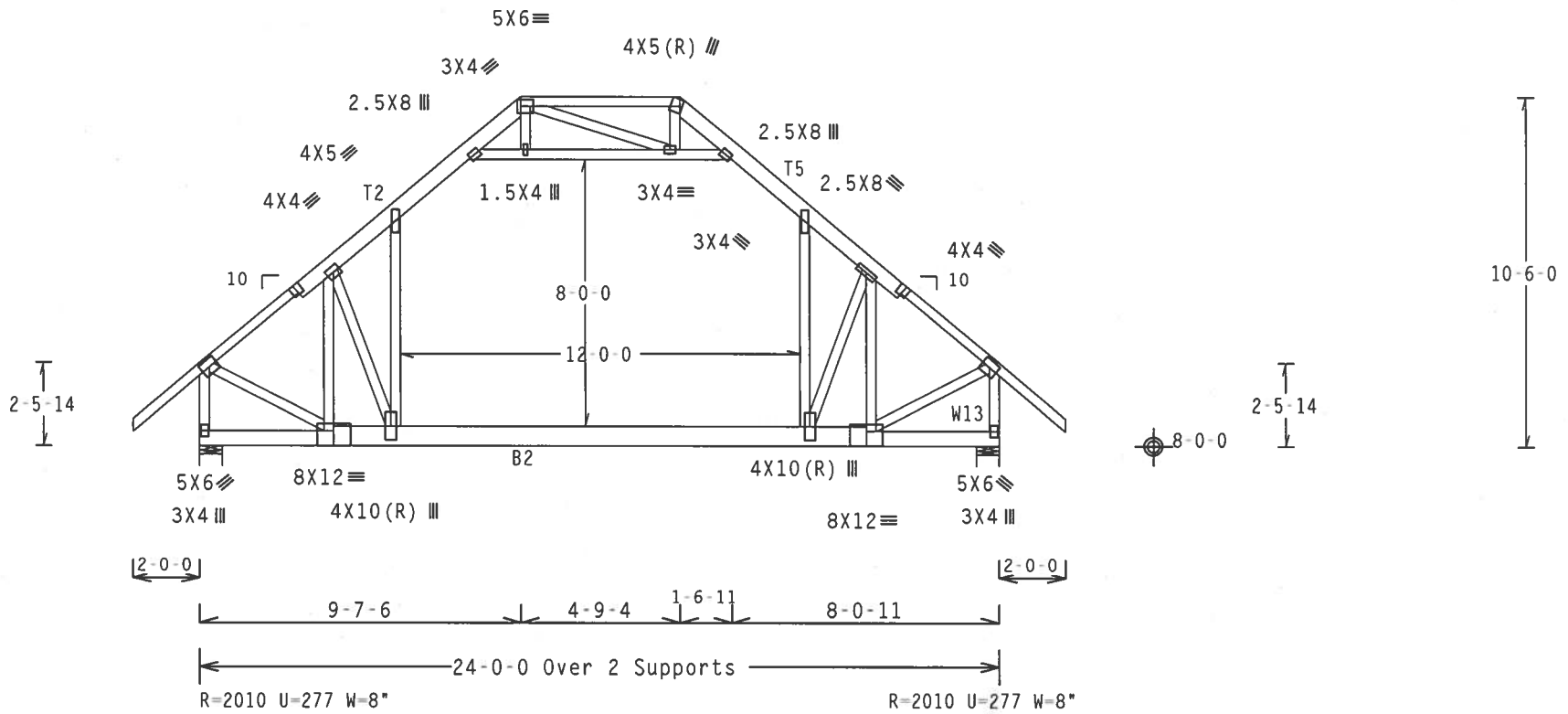
Calculated horizontal deflection is 0.09" due to live load and 0.17" due to dead load.

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 6-0-0 to 18-0-0.

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

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

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) 7.24.1230.10 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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ALPINE

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

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

Apr 00 07

TC LL	20.0 PSF	REF	R487-- 46227
TC DL	10.0 PSF	DATE	04/05/07
BC DL	10.0 PSF	DRW	HCUSR487 07095048
BC LL	0.0 PSF	HC-ENG	MNM/AF
TOT.LD.	40.0 PSF	SEQN-	175059
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T69487 Z05

Top chord 2x4 SP #2 Dense :T2, T5 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x8 SP #1 Dense:
Webs 2x4 SP #3 :W13 2x4 SP #2 Dense:

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

Wind reactions based on MWFRS pressures.

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf;
from 6-0-0 to 18-0-0.

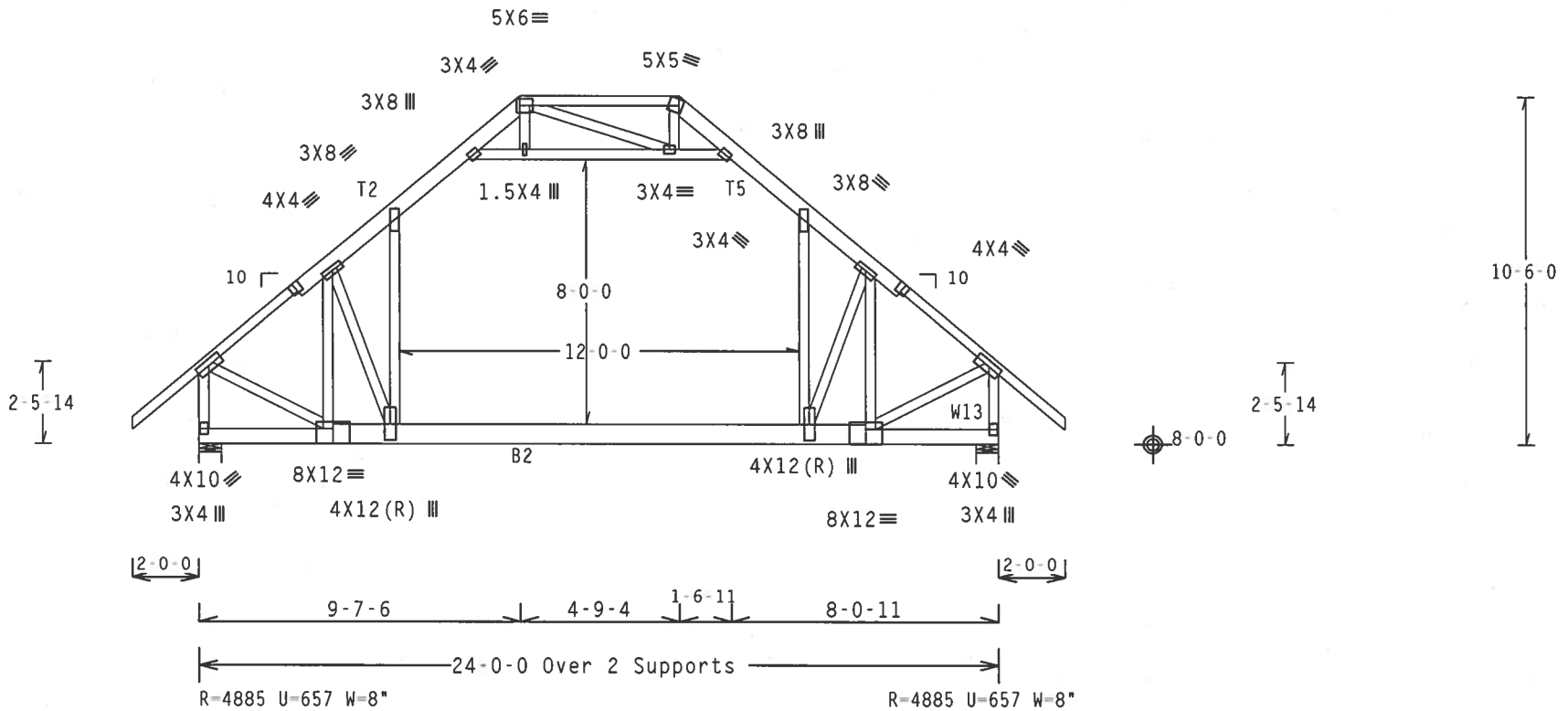
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

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

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

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) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
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JAMES F. COLLANO JR. LICENSE No. 22212 STATE OF FLORIDA PROFESSIONAL ENGINEER

Apr

TC LL	20.0 PSF	REF R487-- 46228
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095041
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 175110
DUR.FAC.	1.25	
SPACING	57.0"	JREF- 1T69487 Z05

Top chord 2x4 SP #2 Dense :T2, T5 2x6 SP #1 Dense:
Bot chord 2x6 SP #1 Dense :B2 2x8 SP #1 Dense:
Webs 2x4 SP #3 :W13 2x4 SP #2 Dense:

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

Wind reactions based on MWFRS pressures.

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

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

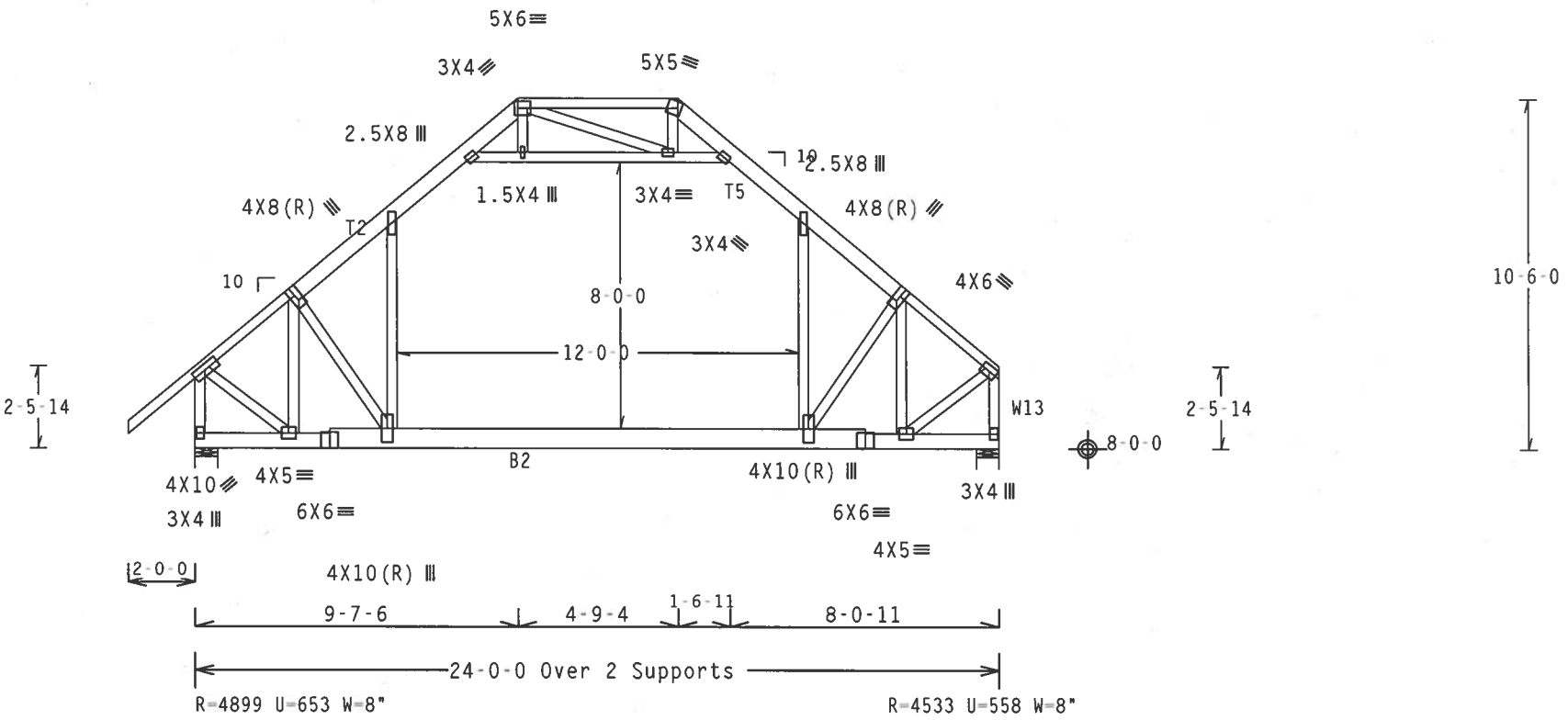
2 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 7.25" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails
in each row to avoid splitting.

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf;
from 6-0-0 to 18-0-0.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.1875"/Ft.

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

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

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

Apr 0[illegible]

TC LL	20.0 PSF	REF R487-- 46229
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095033
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 175089
DUR.FAC.	1.25	
SPACING	57.0"	JREF- 1T69487 Z05

(7-109--Owner_Builder FERGUSON -- , ** - CJ3)

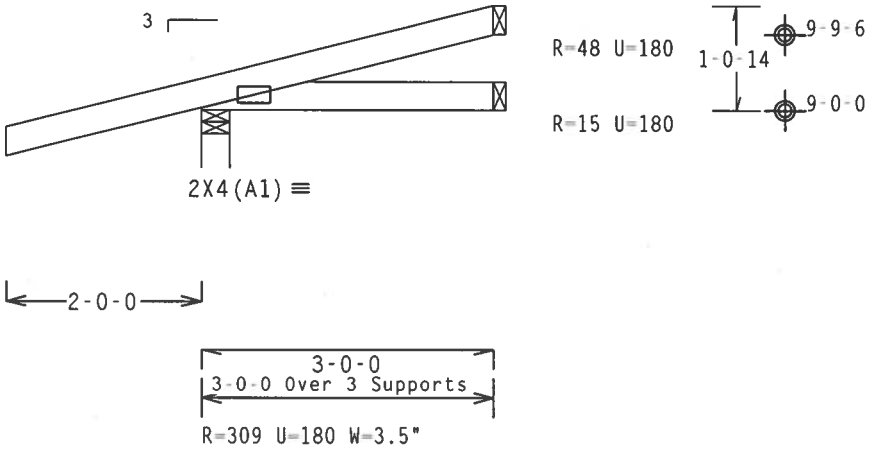
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

ITW Building Components Group, Inc.
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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 06 '07

TC LL	20.0 PSF	REF R487-- 46230
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095036
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 14653
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

(7-109--Owner_Builder FERGUSON -- , ** - HJ5)

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

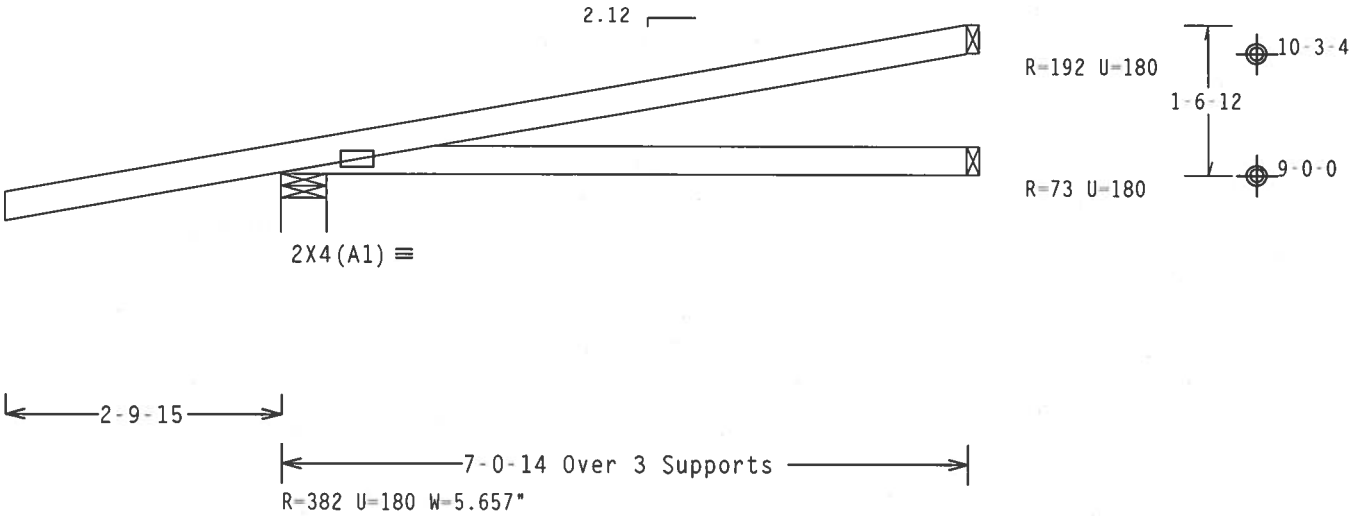
Hipjack supports 5-0-0 setback jacks with no webs.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

Wind reactions based on MWFRS pressures.

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 [illegible] 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. 22212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 06 07

TC LL	20.0 PSF	REF R487-- 46231
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095035
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 14669
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

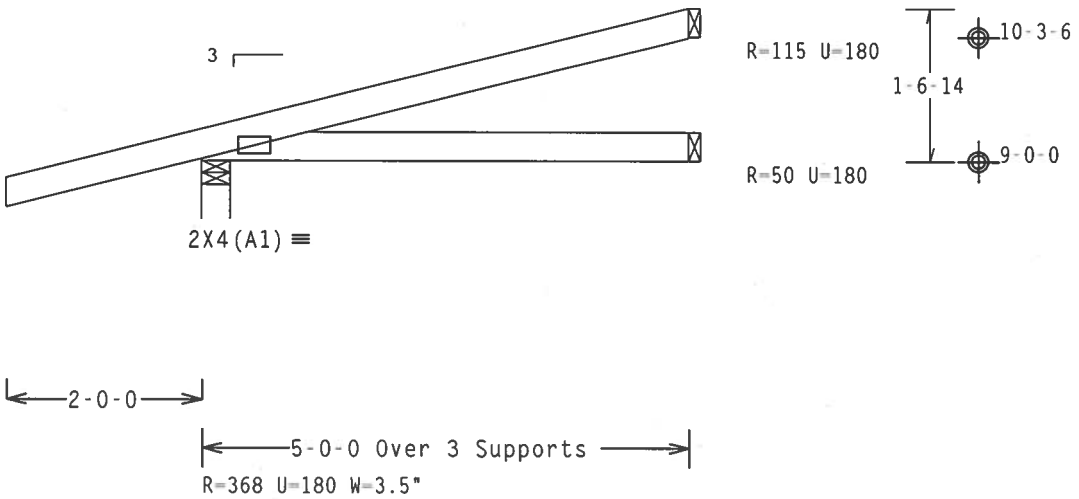
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Wind reactions based on MWFRS pressures.

Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

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

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



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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

TC LL	20.0 PSF	REF R487-- 46232
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095038
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 14658
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1T69487 Z05

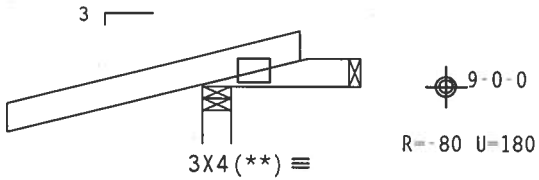
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

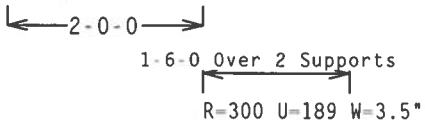
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg,
Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

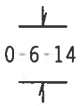
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Wind reactions based on MWFRS pressures.

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







Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 1 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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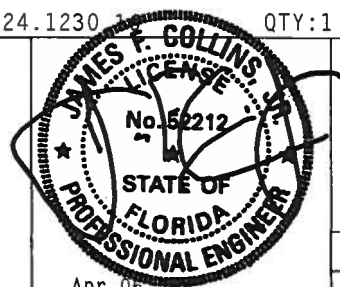


Apr 06 07

TC LL	20.0 PSF	REF R487-- 46233
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095037
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 14665
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

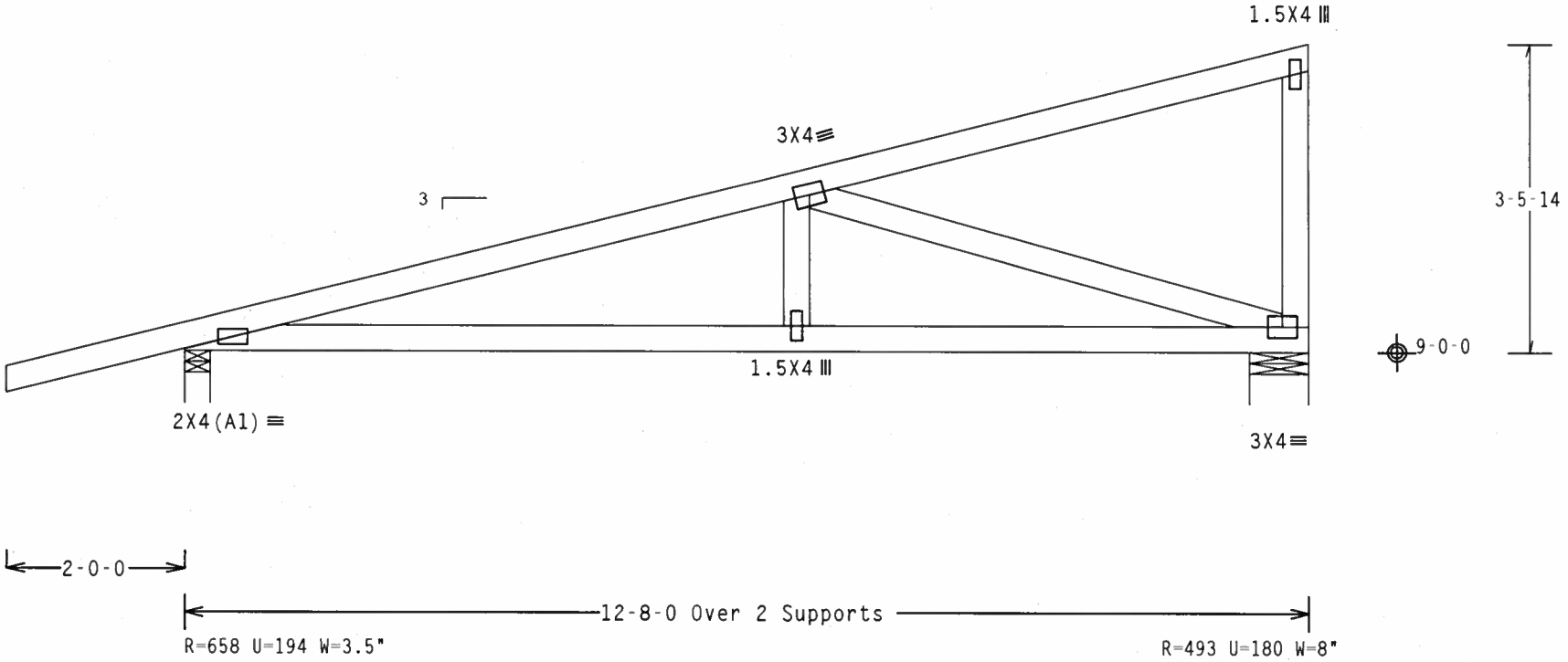
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

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) 7.24.1230.16

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 #

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

Apr

TC LL	20.0 PSF	REF R487-- 46234
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095044
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 14627
DUR.FAC.	1.25	
SPACING	24.0"	JRFF- 1T69487 Z05

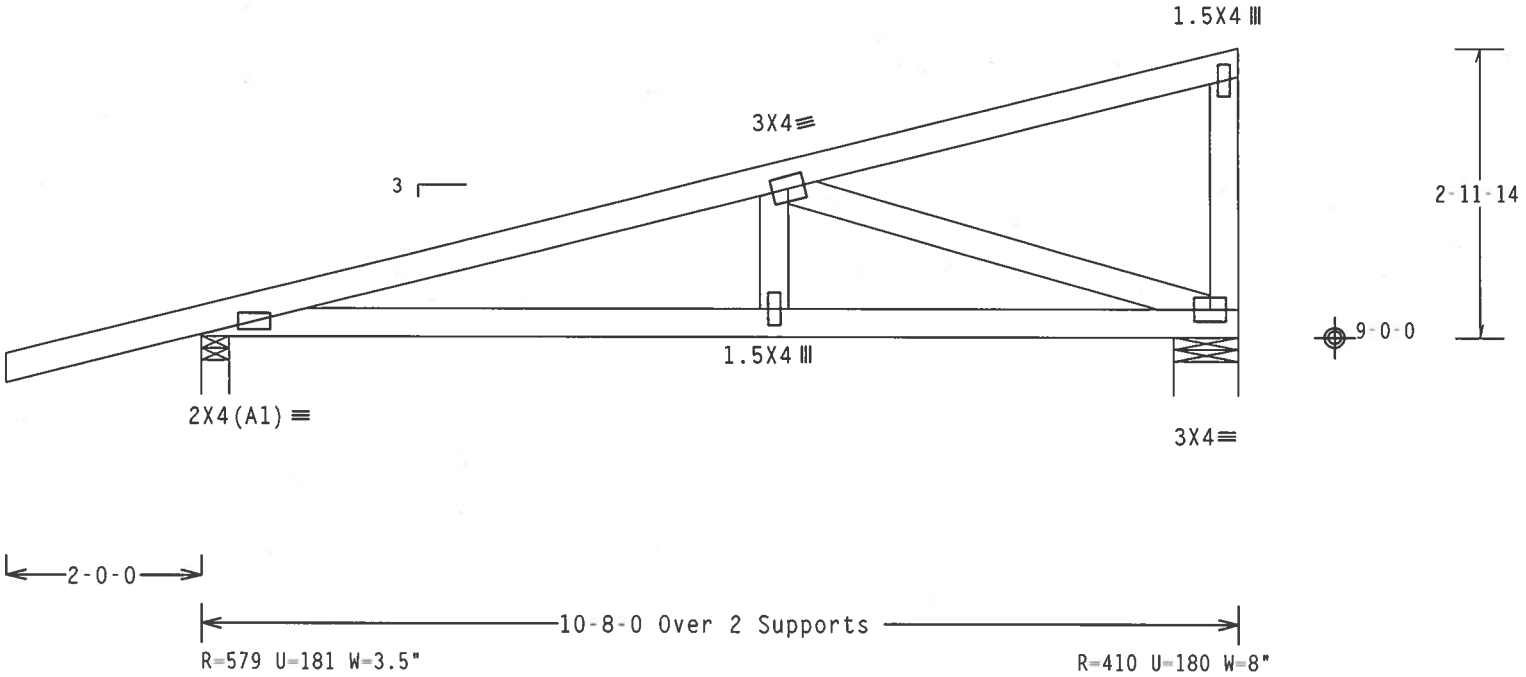
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

Right end vertical not exposed to wind pressure.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.16

PLT TYP. Wave

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

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

Apr 8

TC LL	20.0 PSF	REF R487-- 46235
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095052
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 14643
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

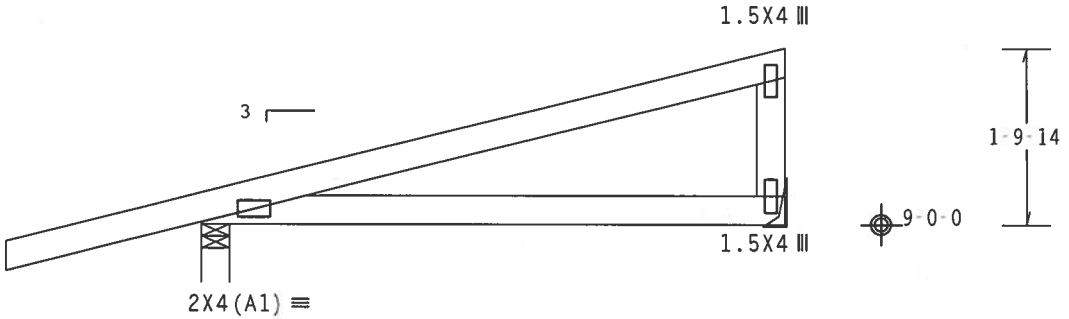
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

H = recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.



R=403 U=180 W=3.5"

R=210 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X4 min. So.Pine

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230.10

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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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 LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 08 07

TC LL	20.0 PSF	REF R487-- 46236
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095055
BC LL	0.0 PSF	HC-ENG MNM/AF *
TOT.LD.	40.0 PSF	SEQN- 14648
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

(7-109--Owner_Builder FERGUSON -- , ** - MG)

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

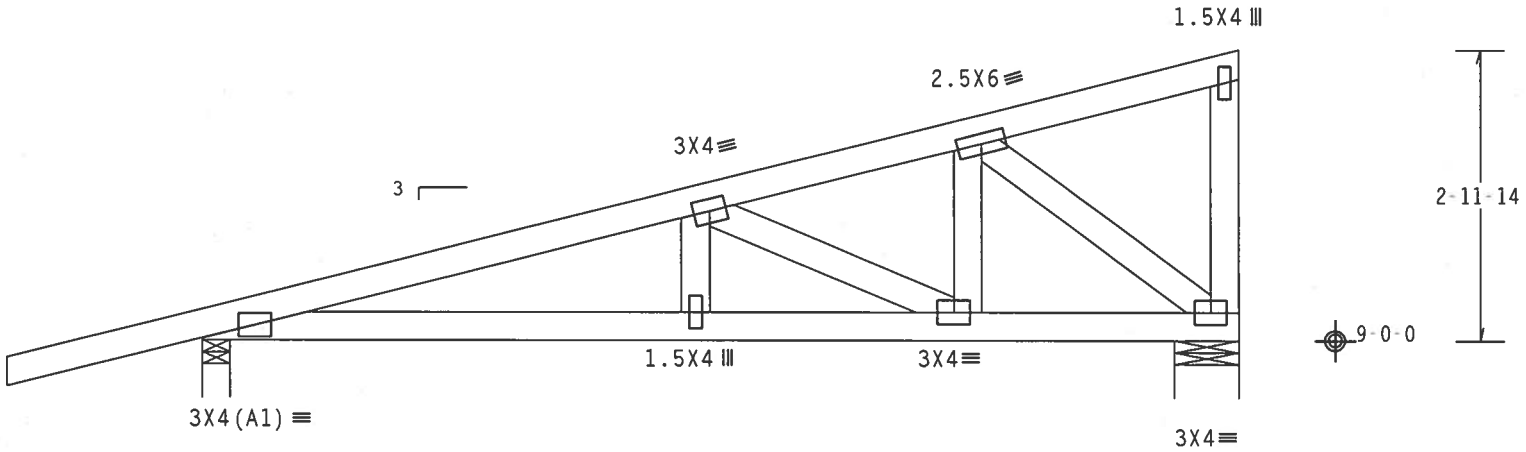
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg,
Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf,
wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

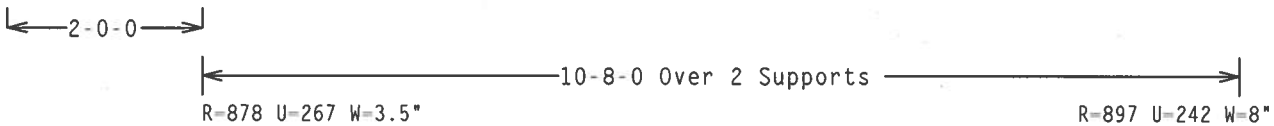
Wind reactions based on MWFRS pressures.

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at -2.00 to 61 PLF at 10.67
BC - From 4 PLF at -2.00 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 10.67
BC - 364 LB Conc. Load at 5.06
BC - 210 LB Conc. Load at 7.06, 9.06

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) 7.24.1230 [illegible] QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

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

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JAMES F. COLLINS, JR. LICENSE No 52212, STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 08 07

TC LL	20.0 PSF	REF R487-- 46237
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095051
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 14679
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

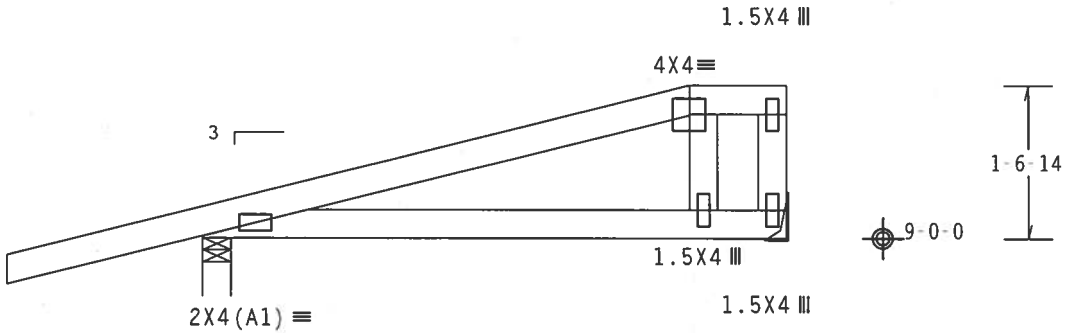
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

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

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



R=434 U=180 W=3.5"

R=364 U=180 H=Simpson LU24
w/ (2) 10d, 0.148"x1.5" nails in Truss
w/ (4) 10d Common, 0.148"x3.0" nails in Girder
Girder is (1)2X6 min. (H)

Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.24.1230

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 # 667

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JAMES F. COLLINS JR. LICENSE No. 52210 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 06 07

TC LL	20.0 PSF	REF R487-- 46238
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095054
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 14673
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

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 1-0-0 top chord outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must not be cut or notched.

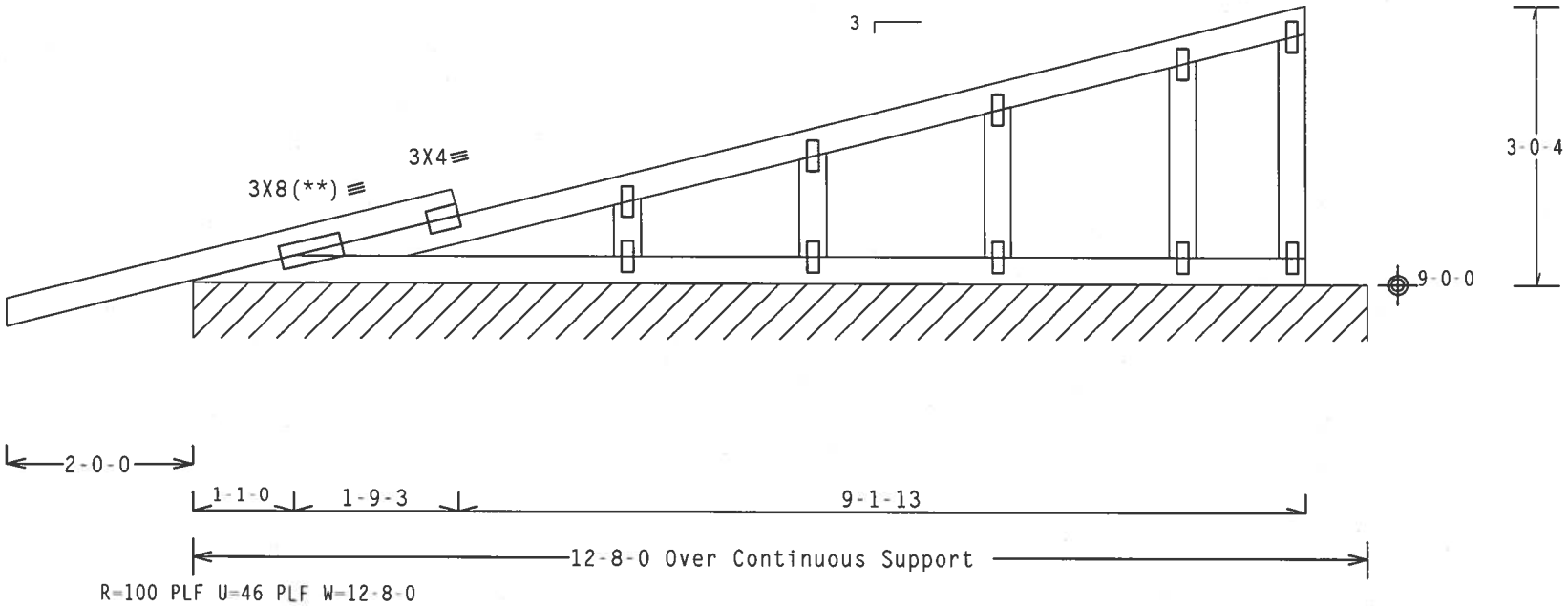
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

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

Right end vertical not exposed to wind pressure.

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) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

Apr

TC LL	20.0 PSF	REF R487-- 46239
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095046
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 174458
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

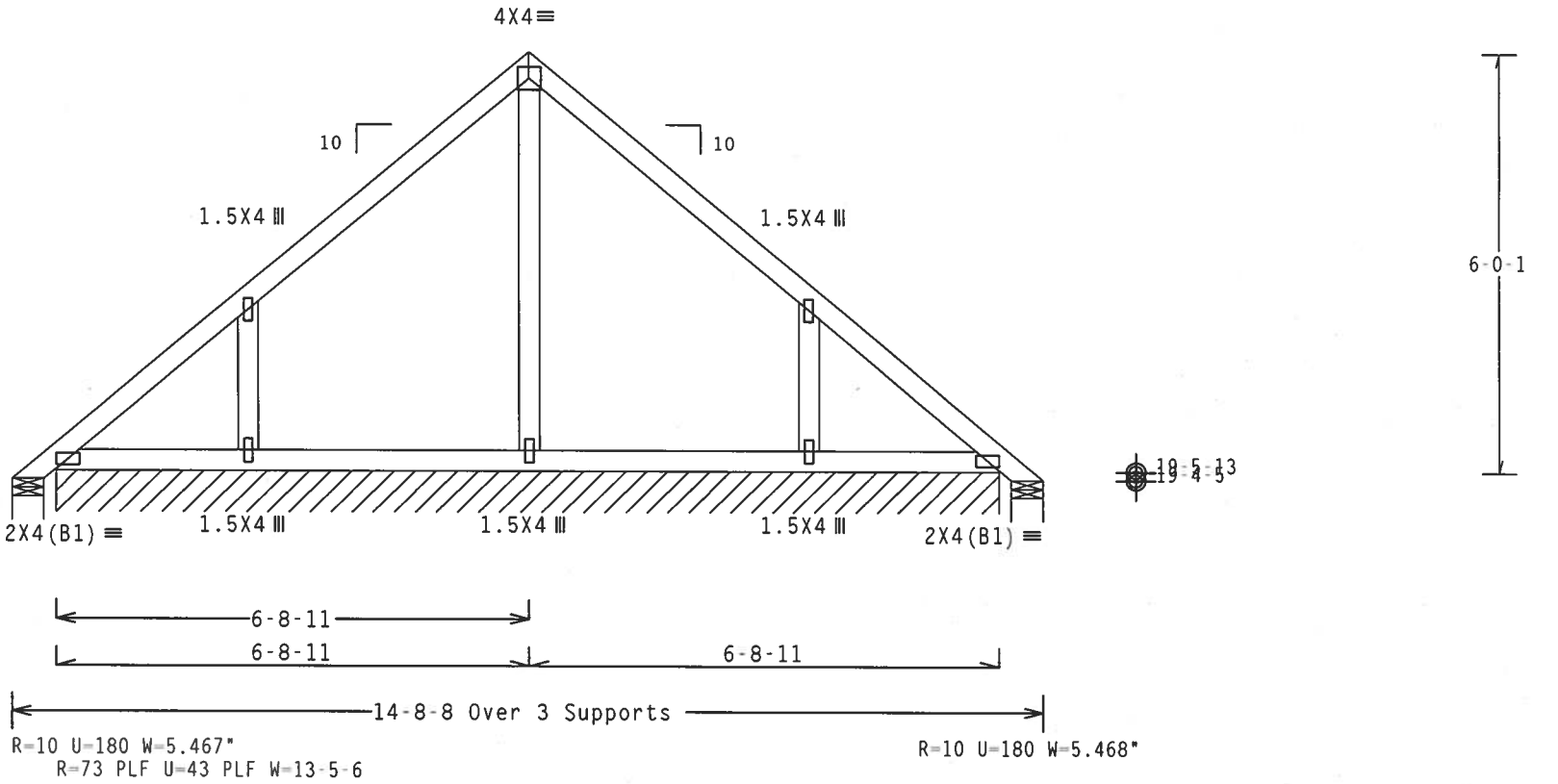
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

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

110 mph wind, 22.42 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=1.2 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230 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

Apr 0[illegible]

TC LL	20.0 PSF	REF R487-- 46240
TC DL	10.0 PSF	DATE 04/05/07
BC DL	2.0 PSF	DRW HCUSR487 07095049
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	32.0 PSF	SEQN- 174637
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 7.35
TC - From 66 PLF at 7.35 to 66 PLF at 14.71
BC - From 4 PLF at 0.00 to 4 PLF at 14.71
TC - 1540 LB Conc. Load at 2.80, 7.35, 11.31

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.

LOADING HAS BEEN CALCULATED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO VERIFY AND APPROVE THE LOADING.

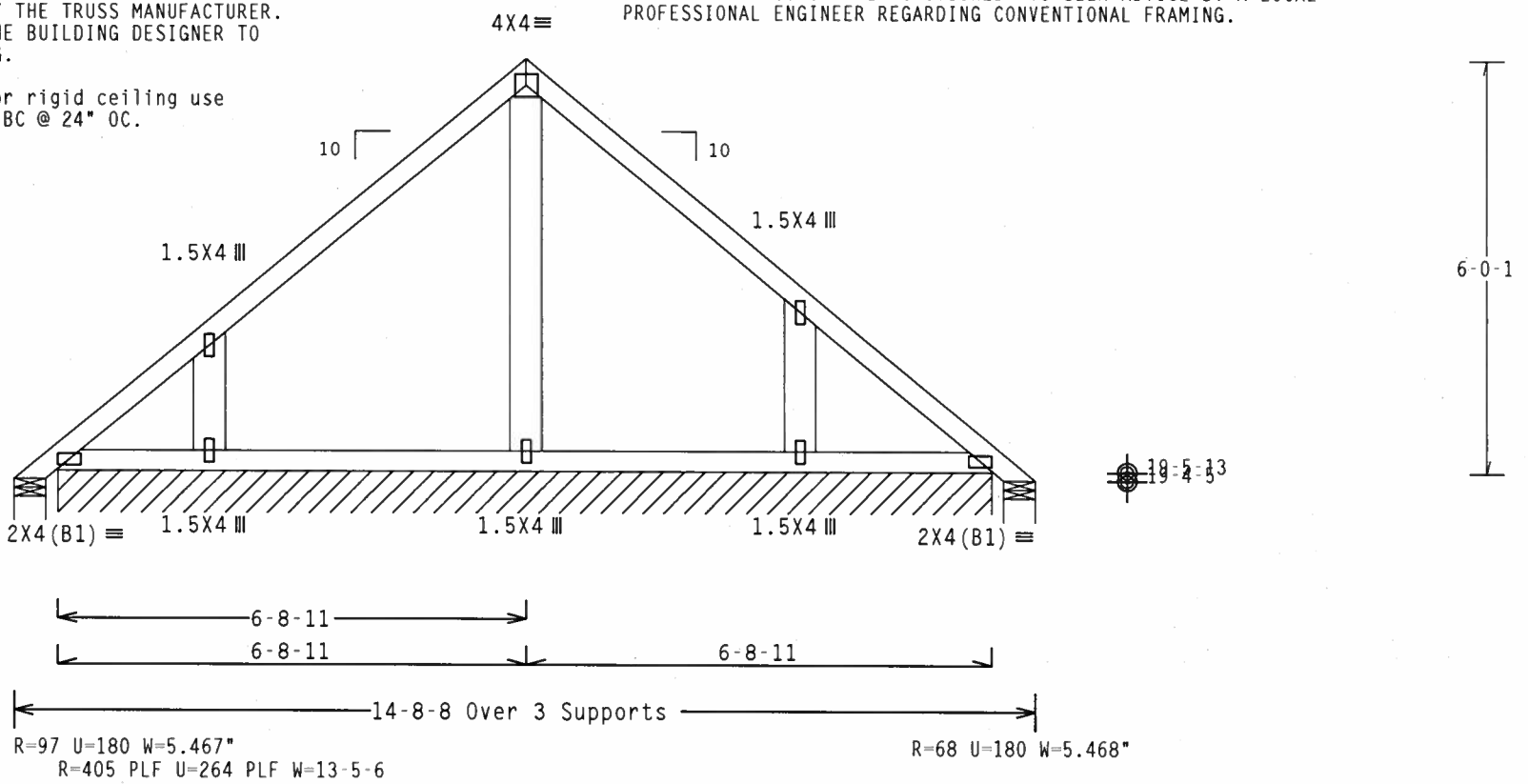
In lieu of structural panels or rigid ceiling use purlins to brace TC @ 24" OC, BC @ 24" OC.

3 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @ 4.25" 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, 22.42 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=1.2 psf. Iw=1.00 GCpi(+/-)=0.18

CONVENTIONAL FRAMING IS NOT THE RESPONSIBILITY OF THE TRUSS DESIGNER, PLATE MANUFACTURER, NOR TRUSS FABRICATOR. PERSONS ERECTING TRUSSES ARE CAUTIONED TO SEEK ADVICE BY A LOCAL PROFESSIONAL ENGINEER REGARDING CONVENTIONAL FRAMING.



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.24.1230 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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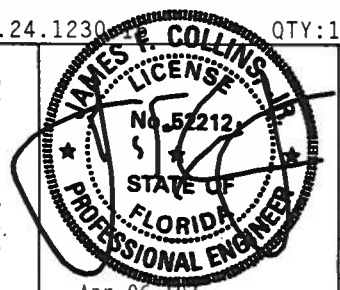

Apr 06 07

TC LL	20.0 PSF	REF R487-- 46241
TC DL	10.0 PSF	DATE 04/05/07
BC DL	2.0 PSF	DRW HCUSR487 07095047
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	32.0 PSF	SEQN- 174862
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1T69487 Z05

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

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 66 PLF at 0.00 to 66 PLF at 7.35
TC - From 66 PLF at 7.35 to 66 PLF at 14.71
BC - From 4 PLF at 0.00 to 4 PLF at 14.71
TC - 1540 LB Conc. Load at 2.80, 7.35, 11.31

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.

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

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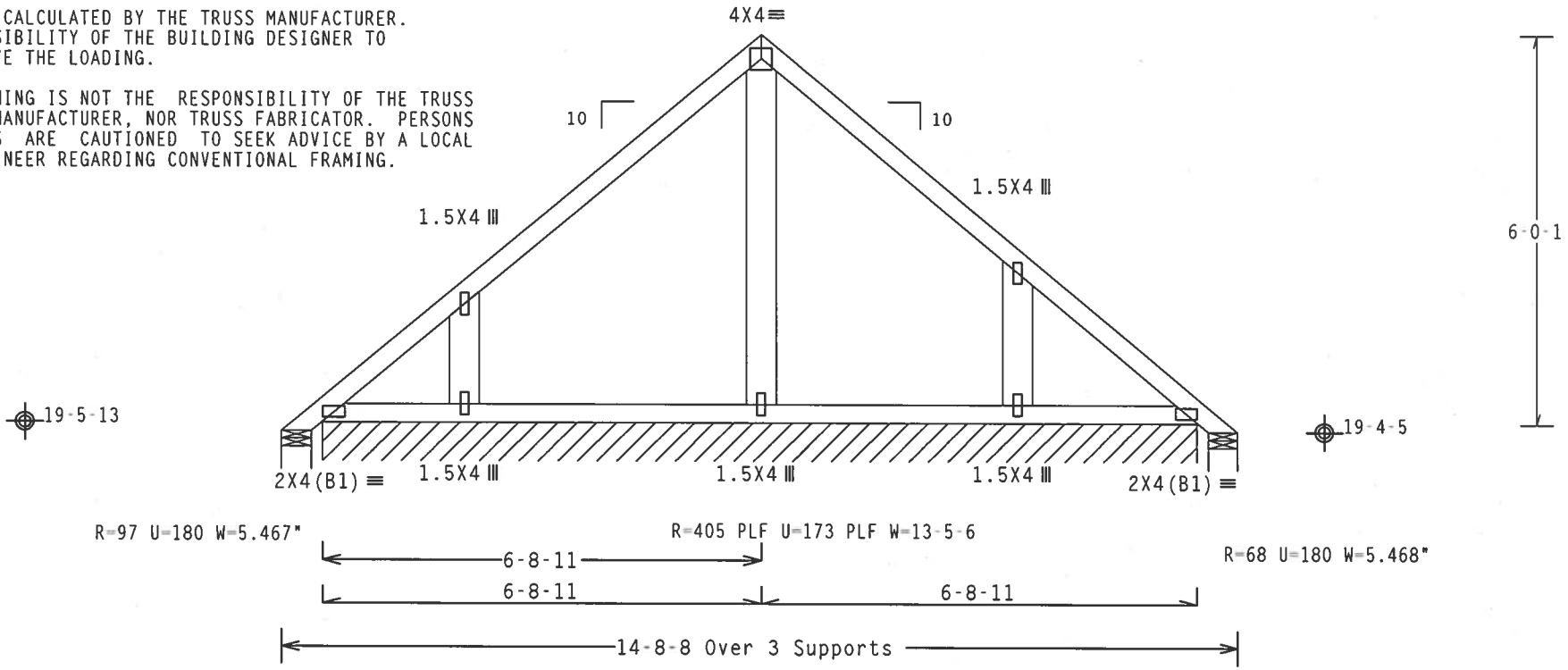
4 COMPLETE TRUSSES REQUIRED

Nailing Schedule: (10d_Box_or_Gun_(0.128"x3",_min.)_nails)
Top Chord: 1 Row @ 4.25" 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.

In addition, apply Simpson's 1/4" x 6" SDS screws spaced 24" o.c. from loaded face of truss in top/bottom chord members.

110 mph wind, 22.42 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18



Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave
Cq/RT=1.00(1.25)/10(0) 7.24.1230
QTY:1 FL/-/4/-/-/R/-
Scale =.375"/Ft.

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

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JAMES F. COLLINS, JR. LICENSED No. 52912 STATE OF FLORIDA PROFESSIONAL ENGINEER
Apr 06 '07

TC LL	20.0 PSF	REF R487-- 46242
TC DL	10.0 PSF	DATE 04/05/07
BC DL	10.0 PSF	DRW HCUSR487 07095043
BC LL	0.0 PSF	HC-ENG MNM/AF
TOT.LD.	40.0 PSF	SEQN- 175024
DUR.FAC.	1.25	
SPACING	SEE ABOVE	JREF- 1T69487 Z05

(7-109--Owner_Builder FERGUSON -- , ** - BP)

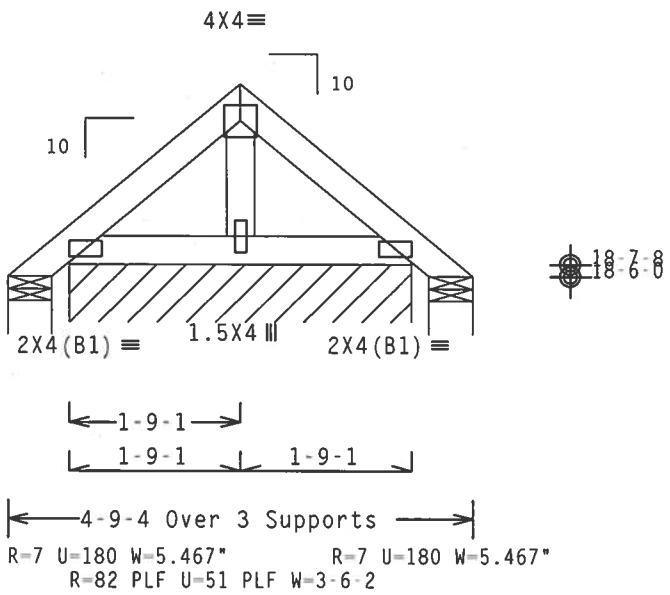
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Wind reactions based on MWFRS pressures.

SEE DRW HCUSR001 02086006 FOR PIGGYBACK DETAILS.
PORTION OF TRUSS UNDER PIGGYBACK IS TO BE
BRACED @ 24" OC, UNLESS OTHERWISE SPECIFIED.

110 mph wind, 19.49 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP C, wind TC DL=5.0 psf, wind BC DL=1.2 psf. Iw=1.00 GCpi(+/-)=0.18

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. Wave

Cq/RT=1.00(1.25)/10(0) 7.24.1230.16 QTY:1 FL/-/4/-/-/R/- Scale =.5"/Ft.

ALPINE

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

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

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

Apr 06 07

TC LL	20.0 PSF	REF R487-- 46243
TC DL	10.0 PSF	DATE 04/06/07
BC DL	2.0 PSF	DRW HCUSR487 07096012
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	32.0 PSF	SEQN- 175469
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T69487 Z05

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.

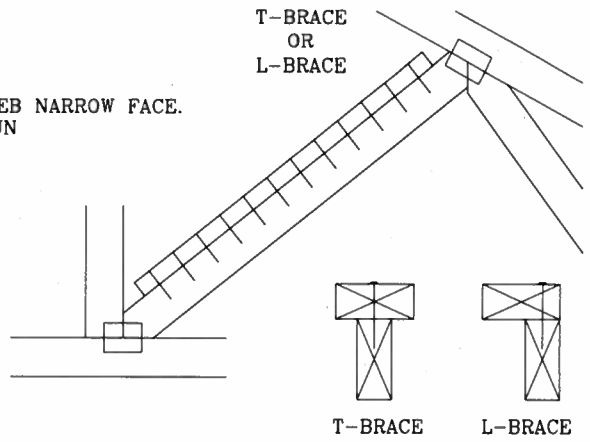
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

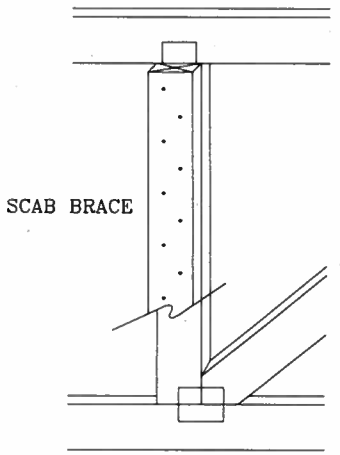
T-BRACING OR L-BRACING:

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

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

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

MAX GABLE VERTICAL LENGTH

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

BRACING GROUP SPECIES AND GRADES:

GROUP A:

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

HEM-FIR	
#2	STUD
#3	STANDARD

DOUGLAS FIR-LARCH
#3
STUD
STANDARD

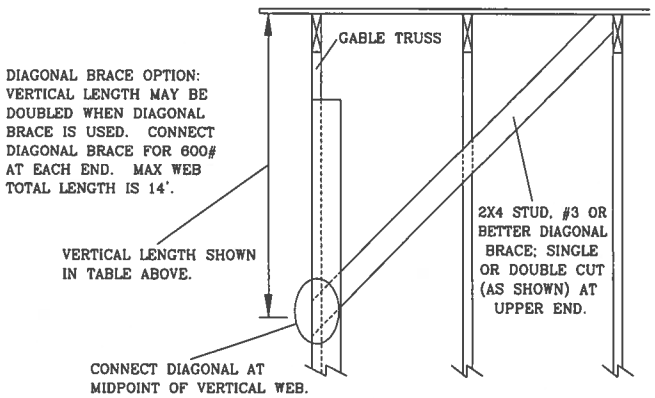
SOUTHERN PINE
#3
STUD
STANDARD

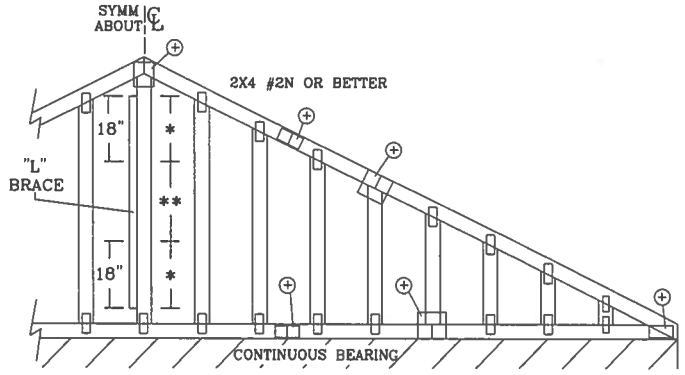
GROUP B:

HEM-FIR
#1 & BTR
#1

SOUTHERN PINE
#1
#2

DOUGLAS FIR-LARCH
#1
#2





REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

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

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

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

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

GABLE VERTICAL PLATE SIZES

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

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

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

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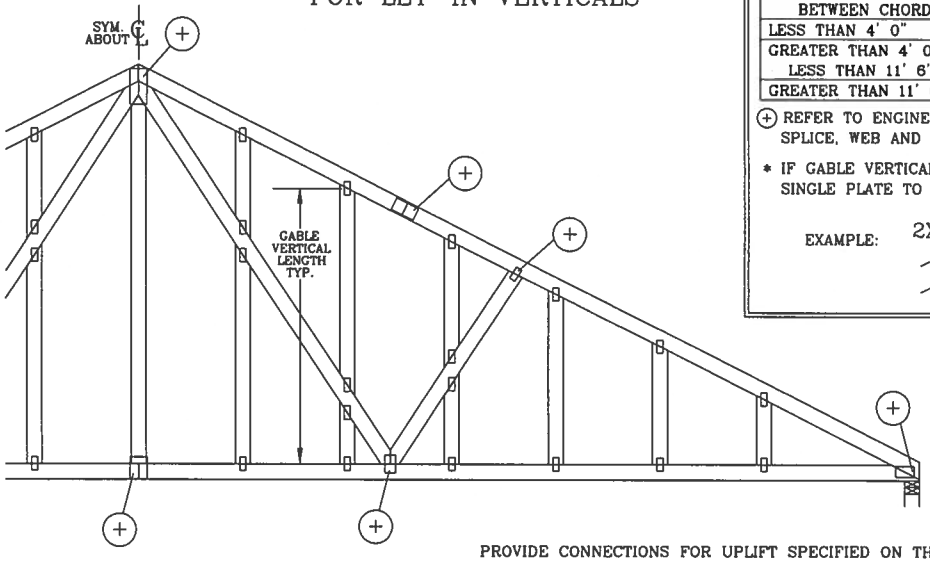
JAMES R. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF

MAX. SPACING 24.0"

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

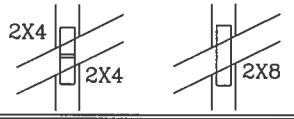
GABLE DETAIL
FOR LET-IN VERTICALS

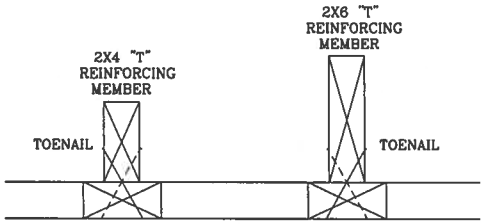


GABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH BETWEEN CHORDS	PLATE SIZE	IF PLATES OVERLAP*
LESS THAN 4' 0"	1X4 OR 2X3	2X6
GREATER THAN 4' 0", BUT LESS THAN 11' 6"	2X4	2X6
GREATER THAN 11' 6"	2.5X4	2.5X6

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

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

EXAMPLE: 



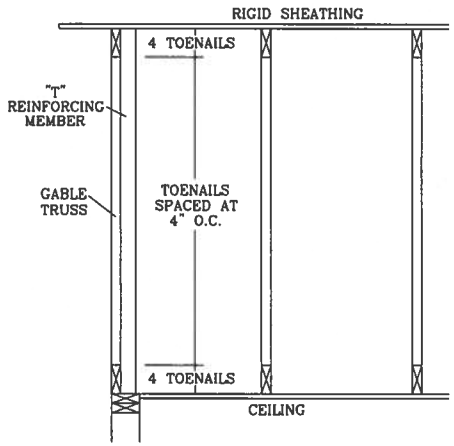
TO CONVERT FROM "L" TO "T" REINFORCING MEMBERS, MULTIPLY "T" FACTOR BY LENGTH (BASED ON GABLE VERTICAL SPECIES, GRADE AND SPACING) FOR (1) 2X4 "L" BRACE, GROUP A, OBTAINED FROM THE APPROPRIATE ALPINE GABLE DETAIL FOR ASCE OR SBCCI WIND LOAD.

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

WEB LENGTH INCREASE W/ "T" BRACE

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

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



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

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

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

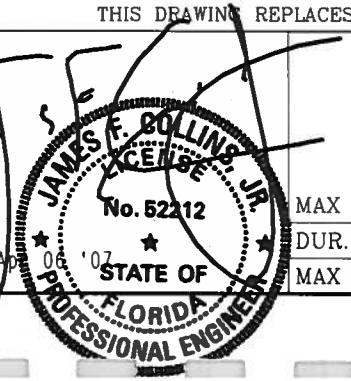
SEE APPROPRIATE ALPINE GABLE DETAIL (ASCE OR SBCCI WIND LOAD) FOR MAXIMUM UNREINFORCED GABLE VERTICAL LENGTH.

THIS DRAWING REPLACES DRAWINGS GAB98117 876,719 & HC26294035

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

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/80 (W,K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (I) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.



Apr 06 '07

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

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

(ASCE 7 98 GABLE END DETAILS ,140 MPH,EXP C, PART. ENC)

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

(**) 2X4 SO. PINE #3 GABLE STUDS. ATTACH TO TOP CHORD, DIAGONAL WEBS, AND BOTTOM CHORD WITH W2X4 ALPINE PLATES. ALL (**) GABLE STUDS REQUIRED REINFORCING MEMBER. REINFORCING MEMBER MUST BE TOENAILED TO GABLE STUD WITH 0.131"X3" GUN NAILS AT 4" O.C. PLUS A CLUSTER OF 0.131"X3" TOENAILS AT THE TOP AND BOTTOM CHORD.SEE DETAIL FOR NAILING. SEE CHART FOR STUD BRACING AND SPACING OF VERTICALS.

NOTE:TRUSS ERECTOR IS RESPONSIBLE FOR PERMANENT WEB BRACING. WHEN BRACING IS REQUIRED, FURNISH A COPY OF THIS DRAWING TO TRUSS ERECTOR.

+PLATE AS REQUIRED ON APPROPRIATE DRAWING.

IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO DESIGN THE ROOF AND CEILING DIAPHRAGMS AND SPECIFY CONNECTIONS TO TRANSFER ALL OUT-OF-PLANE LOADS INTO THE ROOF AND CEILING DIAPHRAGMS.

NOTE: NAIL STEPS OF LADDER TRUSS ONTO THE OUTSIDE PIECES WITH 2-16D NAILS AT EACH END.

NOTE: ATTACH LADDER TRUSS TO TOP CHORD OF GABLE TRUSS WITH TWO ROWS OF 16D NAILS @ 8" O.C. STAGGERED 4"

+++ 7/16 MINIMUM APA RATED SHEATHING PROPERLY ATTACHED WITH LONG DIMENSION PERPENDICULAR TO SUPPORTS.

140 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-98, PART. ENCLOSED BLDG, CAT II, EXP. C.

140 MPH WIND, 30.00 FT MEAN HGT, ASCE 7-02, PART. ENCLOSED BLDG, CAT II, EXP. C.

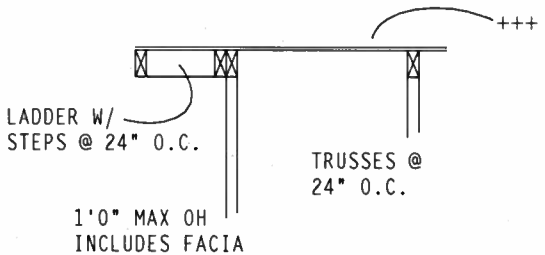
SEE APPROPRIATE ALPINE DRAWING FOR LUMBER,PLATES AND OTHER DATA NOT SHOWN HERE.

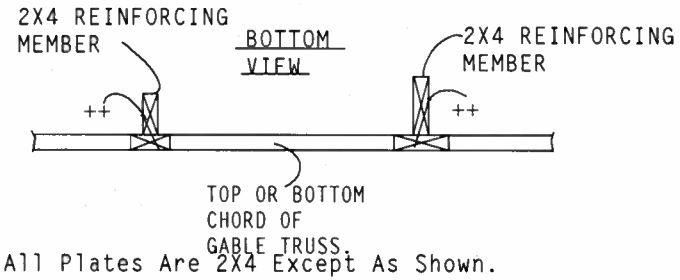
** STUD MUST BE ATTACHED TO CHORDS AND DIAGONAL

REINFORCING MEMBER REQUIRED	SPACING	MAX.LENGTH
2X4 SO. PINE #3	24"O.C.	2'- 1"
2X4 SO. PINE #3	16"O.C.	2'-10"
2X4 SO. PINE #3	12"O.C.	3'- 5"
2X6 SO. PINE #2 N	24"O.C.	5'- 0"
2X6 SO. PINE #2 N	16"O.C.	6'- 2"
2X6 SO. PINE #2 N	12"O.C.	7'- 1"
2X8 SO. PINE #2 N	24"O.C.	7'- 6"
2X8 SO. PINE #2 N	16"O.C.	9'- 1"
2X8 SO. PINE #2 N	12"O.C.	10'- 4"

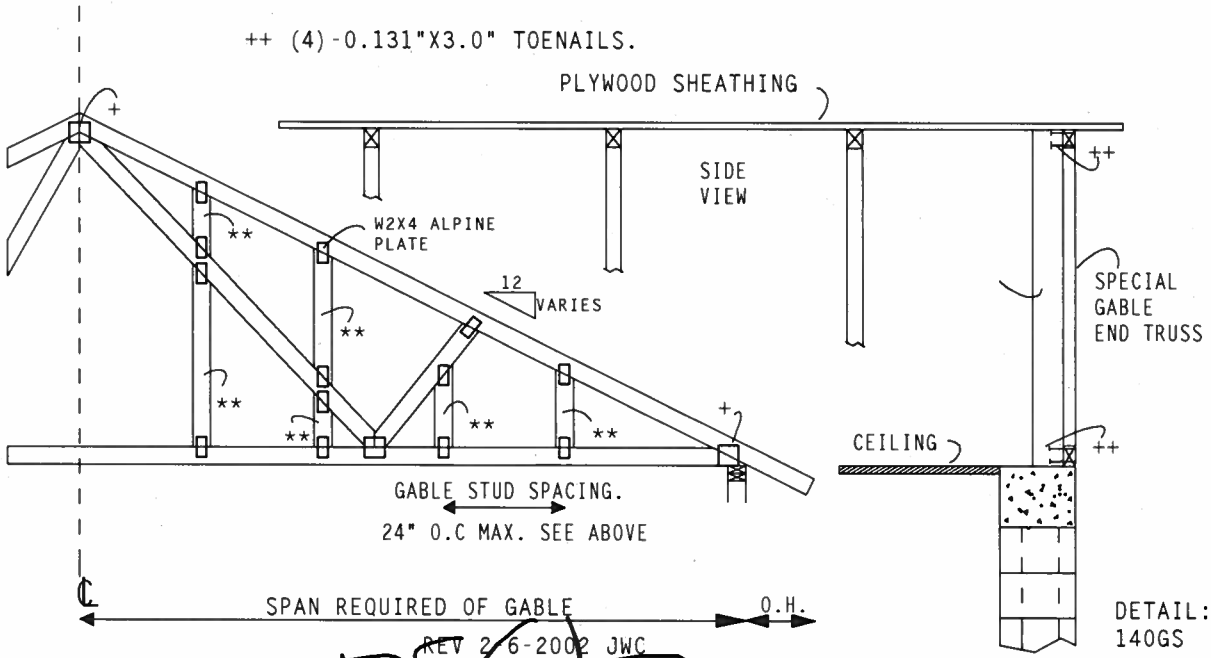
R2: REVISED FOR ASCE 7-02
DLJ 09/30/2005

R3: REVISED DIAPHRAGM NOTE.
DLJ 02/27/200G





Note: All Plates Are 2X4 Except As Shown.



DETAIL: 140GS

PLT TYP. Wave TPI-95

Design Criteria: TPI(STD) [illegible] QTY:1 HI/-/1/-/-/R/-

Scale =.3125"/Ft.

REV 2-6-2002 JWC

ALPINE

Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1 03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ALPINE ENGINEERED PRODUCTS, 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. ALPINE CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/S/K) ASTM A653 GRADE 40/60 (W, K/H,S) 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

TC LL	30.0 PSF	REF R001-- 0
TC DL	15.0 PSF	DATE 03/27/02
BC DL	10.0 PSF	DRW HCUSR001 02086012
BC LL	0.0 PSF	HC-ENG DLJ/DLJ
TOT.LD.	55.0 PSF	SEQN - 24104
DUR.FAC.	1.33	FROM HC
		JREF- 1SV3001_R03

(PIGGYBACK -)

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

TOP CHORD 2x4 SP SP #2N
BOT CHORD 2x4 SP #3 OR #2N
WEBS 2x4 SP #3

*,E (4) 0.131"X1.375" SCOTCH NAILS OR EQUAL IN EACH MEMBER. TRULOX PLATE TO BE APPLIED TO EACH FACE AT 2'0" O.C. MAXIMUM SPACING. REFER TO DRAWING 142 FOR TRULOX INFORMATION. PLATES ON THE FRONT FACE OF TRUSS MAY BE OFFSET FROM THE PLATES ON THE BACK FACE AS LONG AS PLATES ARE SPACED 4'0" OC. MAX.

NOTE: PIGGYBACK VERTICALS TO BE SPACED AT 4'0" O.C. MAXIMUM.

** MAXIMUM SIZE OF 2X12, #2 HEM-FIR OR BETTER.

E - 4X6 ALPINE, 3X6 TRULOX AT 2'0" OC. MAX.

++ PIGGYBACY BOTTOM CHORD MAY BE OMITTED. ATTACH VERTICAL WEBS TO TRUSS TOP CHORD WITH W1.5X3 ALPINE.

* - 3X8 TRULOX PLATE OR ALPINE PIGGYBACK SPECIAL PLATE (SEE DRWG. 847,847)

TRUSSES BUILT PER THIS DETAIL DESIGNED TO BE USED FOR THE FOLLOWING:
140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-98, PART. ENC.BLDG, CAT II, EXP C.

140 MPH WIND, 30.0 FT MEAN HGT, ASCE 7-02, PART. ENC.BLDG, CAT II, EXP C.

NOTE: THIS DETAIL MAY ALSO BE USED FOR A MONO OR HIP-MONO PIGGYBACK USING A TYPE-C PLATE AT THE HIGH END. AND END VERTICAL WHICH IS GREATER THAN 6-0-0 IN LENGTH AND EXPOSED TO WIND MUST BE VERIFIED BY ALPINE ENGINEERED PRODUCTS.

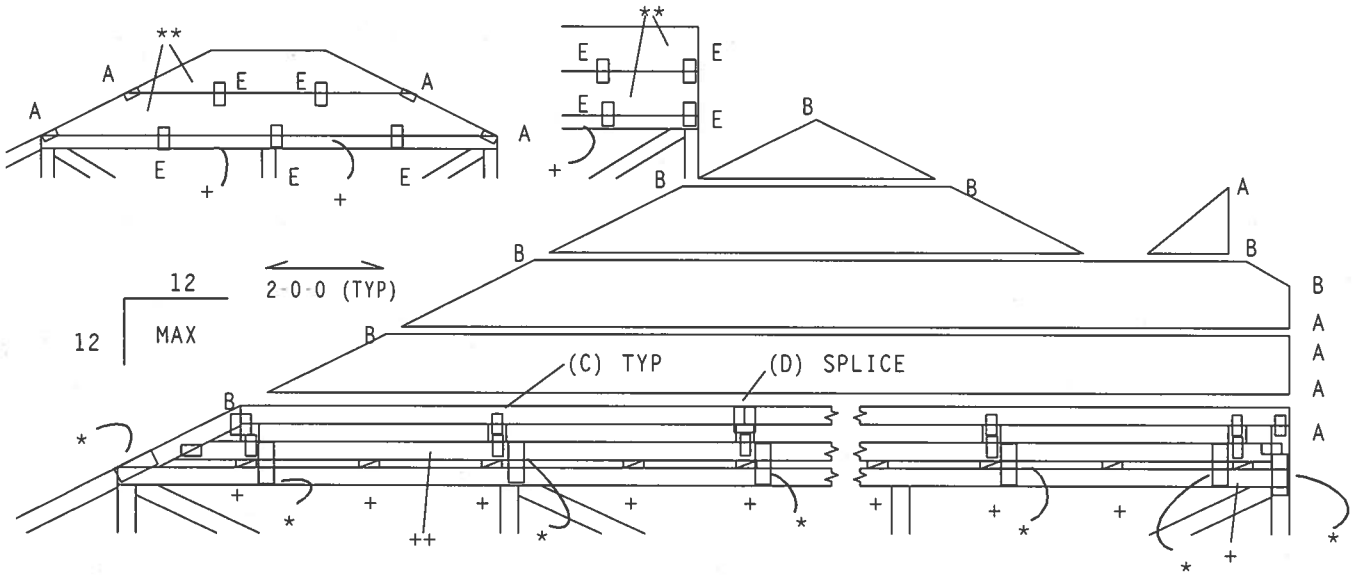
NOTE: TOP AND BOTTOM CHORD SPLICES MUST BE STAGGERED SO THAT ONE SPLICE IS NOT DIRECTLY OVER ANOTHER.

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" OC. MAX SPACING. ATTACH TO TOP SIDE OF SUPPORTED TRUSS TOP CHORD WITH 2-16D NAILS IN EACH TRUSS.
OR
1X4 CONTINUOUS LATERAL BRACING AT 24" OC. MAX. SPACING. ATTACH TO BOTTOM SIDE OF SUPPORTED TRUSS TOP CHORD WITH 2-16D NAILS IN EACH TRUSS. BOTTOM CHORD OF PIGGYBACK SHOULD REST DIRECTLY ON THE TOP CHORD OF THE SUPPORTED TRUSS.

NOTE: BRACING MATERIAL IS TO BE ATTACHED TO A SUITABLE SUPPORT AT EACH END, AND MUST BE #3 HEM-FIR OR BETTER.

JOINT TYPE	SPANS UP TO 30'0"	34'0"	38'0"	42'0"
A	W2X4	W2X5	W3X4	W3X5
B	W5X4	W5X5	W5X5	W5X5
C	W1X3	W1X3	W1.5X3	W1.5X3
D	W5X4	W5X4	W5X5	W5X5

WEB BRACING
UP TO 7'9" — NO BRACING
7'9" TO 12'3" — 1X4 "T" BRACE, SAME GRADE AND LENGTH AS WEB, ATTACH WITH 8D NAILS AT 6" OC.
12'3" TO 14'0" — 2X4 "T" BRACE, SAME GRADE AND LENGTH AS WEB, ATTACH WITH 16D NAILS AT 4" OC.



42-0-0 MAXIMUM PIGGYBACK SPAN

ALTERNATE LOADING:

TCLL	20	30 PSF
TCDL	20	15 PSF
BCDL	10	10 PSF
TOTL	50	55 PSF
	1.25	1.33

OR

R1: REVISED FOR ASCE 7-02
DLJ 08/30/2006

DETAIL: 140PB

PLT TYP. High Strength,Wave TPI-95 Design Criteria: TPI(STD) QTY:1 HI/-/1/-/-/R/-

ALPINE
Alpine Engineered Products, Inc.
1950 Marley Drive
Haines City, FL 33844
Certificate of Authorization # 567

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI 1-03 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 583 D'ONOFRIO DR., SUITE 200, MADISON, WI 53719) AND WTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

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

TC LL	30.0 PSF	REF	R001-- 0
TC DL	7.0 PSF	DATE	03/27/02
BC DL	10.0 PSF	DRW	HCUSR001 02086006
BC LL	0.0 PSF	HC-ENG	DLJ/DLJ
TOT.LD.	47.0 PSF	SEQN	- 24938
DUR.FAC.	1.33		
SPACING	24.0"	JREF-	1SQV001 R38

Geoengineering & Testing, Inc.

Geotechnical • Environmental • Construction Materials Testing

IN-PLACE DENSITY TEST RESULTS

CLIENT: Jeff Swanson

PROJECT: 22390 SW SR 47
Fl. White Fl 32038

AREA TESTED: Fill Below Foundation

COURSE: Final Grade DEPTH OF TEST: 0-12"

TYPE OF TEST: ASTM DATE TESTED: 7-17-7

NOTE: The below tests DO/DO NOT meet the minimum 95 % compaction requirements of maximum density.

REMARKS: # 25920

SOIL DESCRIPTION: Archer Gold Sand

LOCATION OF TESTS	DRY DEN.	MAX. DEN.	% MAX. DEN.	% MOIST.	OPT. MOIST.
SE corner Below Slab	101.8	106.2	95.8	7.6	10.8
SW "	106.3		100.1	8.1	
NW	107.5		101.3	9.4	
NE	107.8		101.6	8.2	
Center of Garage	104.1		98.0	8.9	

4404

TECH. Mike Maurer

M. Fred Rwebyogo, PE
Florida Registration No. 46694

3402 NE 2nd Street, Suite A
Gainesville, Florida 32609

Phone (352) 375-7108
FAX (352) 336-7630

Notice of Treatment

ADDITO 2621

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE Bay Ave
City Lake City Phone 7524703

Site Location: Subdivision _____
Lot # _____ Block# _____ Permit # 25920
Address 22390 S.W. SR 47 Fort White

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

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Garage	576	96	60 gals

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

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

7-26-07 Date | 3:12 Time | F Fee Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

Notice of Treatment 12621

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 E BAYA AVE
City LAKE CITY Phone 752-1703

Site Location: Subdivision Swanson Const
Lot # _____ Block# _____ Permit # 25920
Address 22430 S.W. SR 47 Fort White

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

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
Dwelling/ Porches	3700	412	300gals

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

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

7/20/07 Date

12:10 Time

F Fry Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink

10/05 ©

Notice of Treatment ADD TO 12621

Applicator: Florida Pest Control & Chemical Co. (www.flapest .com)
Address: 536 SE BAYA AVE
City LAKE CITY Phone 752-1703

Site Location: Subdivision _____
Lot # _____ Block# _____ Permit # 25920
Address 22390 SR 47

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

Type treatment: ☒ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
~~425~~	~~448~~	142	55 gals
AIRPORT			
DRIVEWAY Apron			

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

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

8-16-07	8:20	FRED
Date	Time	Print Technician's Name

Remarks: _____

Applicator - White Permit File - Canary Permit Holder - Pink
10/05 ©

25920

FAX MEMORANDUM

MEMORANDUM

FLORIDA DEPARTMENT OF TRANSPORTATION

To: Mr. John Kerce, Dept. Director Columbia Co. Building & Zoning Dept. **Fax No: 386-758-2160**	**From:** Dale L. Cray, FDOT Permits Insp. **Date: 2-26-2008** Fax **No. 386-961-7183** **Attention: Col Co. Building Zoning Dept.**

( ) Sign and return. ( ) For your files. ( ) Please call me. (XX) FYI ( ) For Review

REF: New Dicthblock. D/W / Inspected On:2-25-2008
PROJECT: New Access / Res. Access S.R. 47 (S)
PARCEL ID No: N/A Permit No : 07-A-292-33 Sec No : 29020
MILE POST: 0.229+-

Mr. Kerce:

Please accept this as our legal notice of final passing inspection for (Vincent L. Ferguson) for a New Ditch block Res Driveway. The project is located,22390 SW SR 47 (S) Ft. White, Fl.32038

This access is for a New Ditch block Residential Access has been inspected and meets FDOT Standard Requirements.

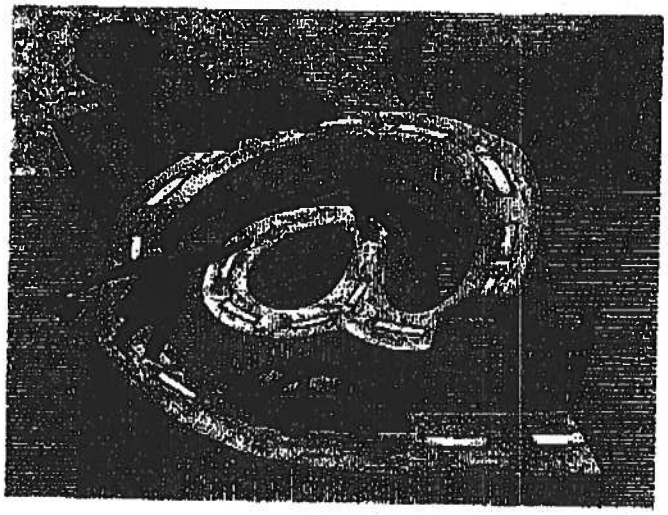
If further information is required on this project please do not hesitate to contact this office for additional access permitting information details. My office number is 961-7193 or 961-7146.

Sincerely,

Dale L. Cray
Access Permits Inspector

FLORIDA DEPARTMENT OF TRANSPORTATION

LAKE CITY MAINTENANCE
PHONE (386) 961-7180
FAX (386) 961-7183



FACISIMILE TRANSMITTAL

DATE: 2-26-2008

TO: MR. John Kerce

ATTN: Col. Co. Bldings & Zonins

FROM: Dale Cray F.D.O.T Permits, Dept

SUBJECT: Final Passing of New Access

COMMENTS: Driveway meets DOT standards, please call if any questions, (386) 961-7146
Thanks

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY CONNECTION PERMIT FOR ALL CATEGORIES

650-040-16
SYSTEMS PLANNING - 06/06
Page 1 of 3

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 2007-A-292-33

Permit Category: A Access Classification: 4

Project: Ditch Block 12 foot wide w/ granite gravel as stabilization surface course

Permittee: Vincent L. Ferguson

Section/Mile Post: 29020 / 0.229 State Road: 47 (S)

Section/Mile Post: N/A State Road: N/A

PART 2: PERMITTEE INFORMATION

Permittee Name: Vincent L. Ferguson

Permittee Mailing Address: 22390 SW SR-47

City, State, Zip: Ft. White, Florida 32038

Telephone: 386-433-0021 (Cell #)

Engineer/Consultant/or Project Manager: Residential- None Req.

Engineer responsible for construction inspection: FDOT Permits
NAME P.E. #

Mailing Address: PO Box 1415

City, State, Zip: Lake City, Fl. 32056-1415

Telephone: 386-961-7180 Mobile Phone

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2007-A-292-33

Signature: Department of Transportation Title: Permits Coordinator

Department Representative's Printed Name Neil E. Miles

Temporary Permit ○ YES ◉ NO (If temporary, this permit is only valid for 6 months)

Special provisions attached ◉ YES ○ NO

Date of Issuance: JUN 05 2007

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

DRIVEWAY/CONNECTION APPLICATION FOR ALL CATEGORIES

850-040-15
SYSTEMS PLANNING
04/05

OFFICE USE ONLY

Application Number: 20070A-292-33
Received By: Neil E. Miles (FDOT STAFF (TYPE OR PRINT))
Category: A
Date: 5-11-07
Section/Mile Post: 29020 / 0.229 + -
State Road: 47 (S)
Section/Mile Post: N/A
State Road: N/A

Instructions - To Applicant

- Contact the Department of Transportation to determine what plans and other documents you are required to submit with your application.
- Complete this form (some questions may not apply to you) and attach all necessary documents and submit it to the Department of Transportation.
- For help with this form contact your local Maintenance or District Office.
  - Or visit our website at www.dot.state.fl.us/onestoppermitting for the contact person and phone number in your area.
  - You may also email - driveways@dot.state.fl.us
  - Or call your District or local Florida Department of Transportation Office and ask for Driveway Permits.

Please print or type

APPLICANT:

Check one:

(●) Owner ( ) Lessee ( ) Contract to Purchase

Name: Vincent L. Ferguson

Responsible Officer or Person: Same as Above

If the Applicant is a Company or Organization, Name: N/A

Address: N/A

City, State: N/A

Zip: _____ Phone: _____ Fax: _____

Email: _____

LAND OWNER: (If not applicant)

Name: Vincent L. Ferguson

If the Applicant is a Company or Organization, Name: N/A

Address: 22390 SW SR-47

City, State: Ft. White, Florida

Zip: 32038 Phone: (386) 433-0021 Fax: _____

Email: _____

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 20-7S-16-04265-011 **Building permit No.** 000025920

Use Classification SFD, UTILITY **Fire:** 44.94

Permit Holder VINCENT FERGUSON **Waste:** 117.25

Owner of Building VINCENT FERGUSON **Total:** 162.19

Location: 22430 SW SR 47, FT. WHITE, FL

Date: 03/10/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)