DATE 02/28/2008

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000026806

APPLICANT SHIRLEY BENNETT PHONE 288-2430

ADDRESS 3104 SW OLD WIRE RD FORT WHITE FL 32038

OWNER BILL ALDERSON PHONE 719-7191

ADDRESS 167 SW AMISTAD GLEN LAE CITY FL 32025

CONTRACTOR GERALD SMITH PHONE 719-7191

LOCATION OF PROPERTY 441 S, R TUSTENUGGEE, R SW AMISTAD, 2ND LOT ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 81550.00

HEATED FLOOR AREA 1203.00 TOTAL AREA 1631.00 HEIGHT ____ STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB

LAND USE & ZONING AG-3 MAX. HEIGHT 35

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

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

PARCEL ID 20-4S-17-08606-004 SUBDIVISION ____

LOT ____ BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 0.51

000001568		CBC1254161	Shirley Bennett	
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
CULVERT	08-0092	BK	JH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, SECTION 2.3.1 LEGAL NONCONFORMING

LOT OF RECORD

Check # or Cash ~~26806~~ 2653

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 $ 410.00 CERTIFICATION FEE $ 8.15 SURCHARGE FEE $ 8.15

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 $ 25.00 **TOTAL FEE** 526.30

INSPECTORS OFFICE L-H CLERKS OFFICE CN

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

2653elk

1568/

For Office Use Only Application # 0801-178 Date Received 1-31-08 By LH Permit # 26806

Zoning Official _____ Date _____ Flood Zone X FEMA Map # N/A Zoning A-3

Land Use A-3 Elevation N/A MFE 1ft above easement River N/A Plans Examiner OKTH Date 2-7-08

Comments Sect. 2,3,1 Legal Non-conforming Lot of Record.

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

Dev Permit # _____ In Floodway Letter of Authorization from Contractor

Unincorporated area Incorporated area Town of Fort White Town of Fort White Compliance letter

Septic Permit No. 08-0092 Fax 386-466-1866

Name Authorized Person Signing Permit Wendy Grennell Phone 386-288-2428

Address 3104 SW Old Wire Rd Fort White FL 32038

Owners Name Bill Alderson Phone 386-719-7191

911 Address 167 SW Amistad Glen, L.C. 32025

Contractors Name Gerald Smith Phone 386-719-7191

Address 121 SE Hernando Ave Lake City FL 32055

Fee Simple Owner Name & Address NA

Bonding Co. Name & Address NA

Architect/Engineer Name & Address Nicholas Paul Geiser 1758 NW Brown Rd LC 32055

Mortgage Lenders Name & Address NA

Circle the correct power company – FL Power & Light – (Clay Elec.) – Suwannee Valley Elec. – Progress Energ

Property ID Number 20-4S-17-08206-004 Estimated Cost of Construction 97,000

Subdivision Name NA Lot ____ Block ____ Unit ____ Phase ____

Driving Directions 441 South, TR on Tustenuggee, TR on SW Amistad, 2nd lot on (R)

Number of Existing Dwellings on Property 0

Construction of single family residential Total Acreage .51 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front 55 Side 33 Side 23 Rear 85

Number of Stories 1 Heated Floor Area 1203 Total Floor Area 1631 Roof Pitch 6/12

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

spoke to Wendy on 2-22-08 LH

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCMENT MAY RESULT I YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or othe services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:

YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters. concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot or which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

OWNERS CERTIFICATION: 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Walter Heller

Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

Gerald Smith

Contractor's Signature (Permitee)

Contractor's License Number CBC1254161
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 31 **day of** January 2008

Personally known ____ **or Produced Identification** Drivers License

Paula K. Ionescu-Adams

State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC STATE OF FLORIDA
PAULA K IONESCU-ADAMS
MY COMMISSION # DD605863
EXPIRES: Oct. 16, 2010
(407) 398-0153 Florida Notary Service.com

Revised 11-30-07

Columbia County Building Department
Culvert Permit

Culvert Permit No.
000001568

DATE 02/28/2008 PARCEL ID # 20-4S-17-08606-004

APPLICANT SHIRLEY BENNETT PHONE 288-2430

ADDRESS 3104 SW OLD WIRE RD FORT WHITE FL 32038

OWNER BILL ALDERSON PHONE 719-7191

ADDRESS 167 SW AMISTAD GLEN LAE CITY FL 32025

CONTRACTOR GERALD SMITH PHONE 719-7191

LOCATION OF PROPERTY 441 S, R TUSTENUGGEE, R SW AMISTAD, 2ND LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT

SIGNATURE Shirley Bennett

INSTALLATION REQUIREMENTS

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

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

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

[ ] Department of Transportation Permit installation approved standards.

[ ] Other

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

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

Amount Paid 25.00

New site Plan 2-28-08

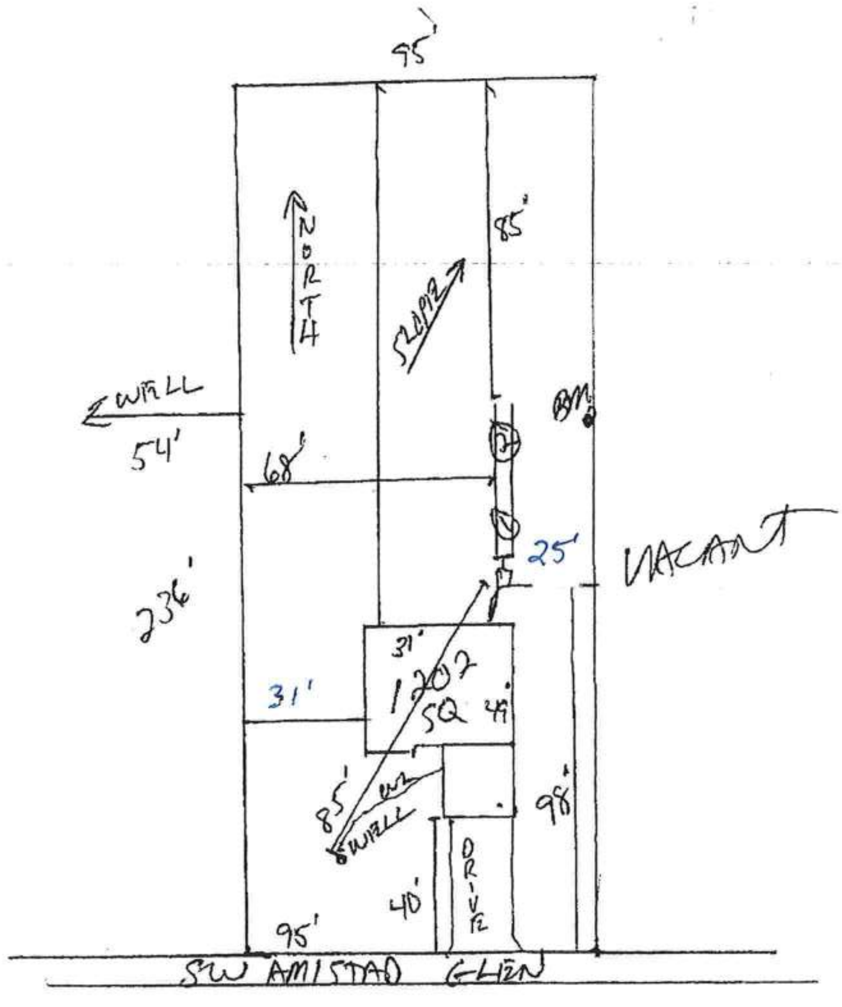
080098

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION F0R ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number______________

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

Scale: 1 inch = 50 feet.



Notes: ____

Site Plan submitted by: Rock D ______________________ MASTER CONTRACTOR

Plan Approved ✓ Not Approved_____ Date 1/23/08

By __________________ Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

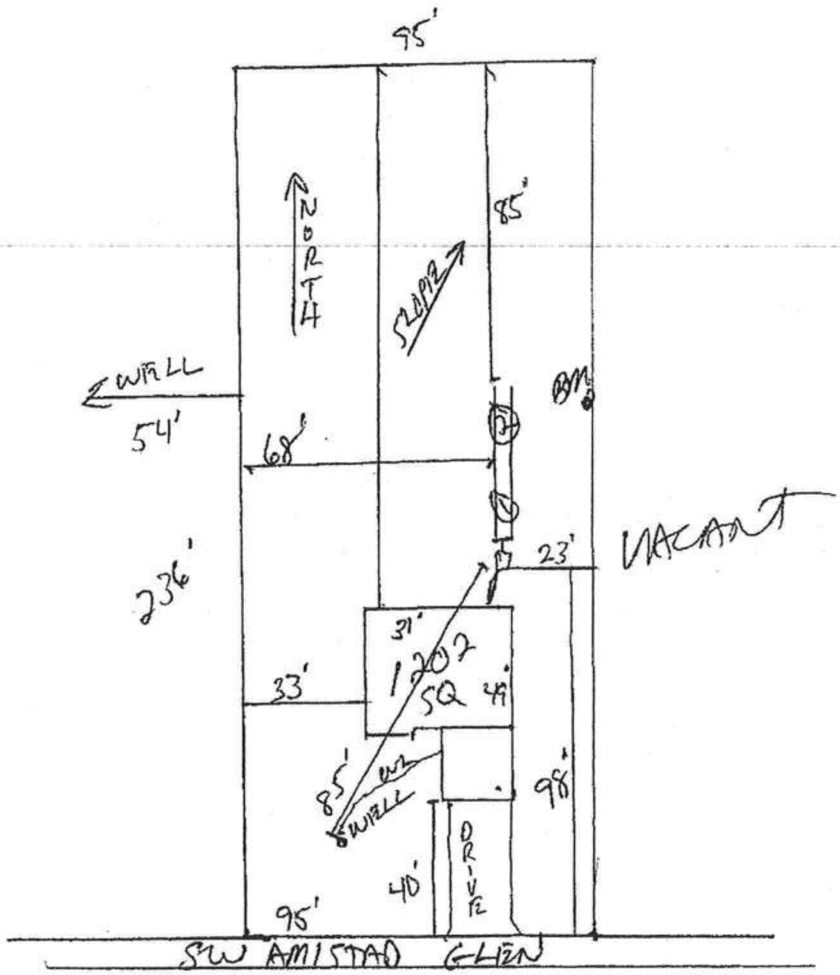
080098

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

Permit Application Number____________

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

Scale: 1 inch = 50 feet.



Notes: ____________

Site Plan submitted by: Rocky D [signature] MASTER CONTRACTOR

Plan Approved ✓ Not Approved_____ Date 1/23/08

By [signature] Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 5744-002-4015-6)

Columbia County, Florida
Planning & Zoning Department

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

To: Wendy Grennell **Fax:** 386.466.1866

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

Number of pages : 2

Date : 12 February 2008

RE: Building Permit Application 0801-~~24~~ 178 Alderson, ~~Renee Butler~~

Dear John:

Upon review of the above referenced building permit application, this parcel is located within an Agriculture-3 (A-3) zoning district. The side setback requirements for A-3 zoning district is twenty-five (25) feet. The application and site plan show twenty-three (23) feet. It appears that the lot width is 95 feet. If the house is 31 feet in width as shown on the submitted site plan, then the east setback would be at 31 feet. A revised site plan showing the proper distances is required in order to approve this application. I have attached a copy of the submitted site plan.

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

Sincerely,

Brian L. Kepner
Land Development Regulation Administrator,
County Planner

App # 0801-178

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number 20-4S-17-08606-004

County Clerk's Office Stamp or Seal

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes. the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property *(legal description)*:
   a) Street *(job)* Address:
2. General description of improvements: new single family residential
3. Owner Information
   a) Name and address: William Alderson
   b) Name and address of fee simple titleholder (if other than owner)
   c) Interest in property OWNER
4. Contractor Information
   a) Name and address: Gerald Smith 121 SE Hernando Ave Lake City
   b) Telephone No.: 386-719-7191 Fax No. (Opt.) 386-719-7145
5. Surety Information
   a) Name and address:
   b) Amount of Bond:
   c) Telephone No.:
6. Lender
   a) Name and address:
   b) Phone No.

Inst:200812002046 Date:2/1/2008 Time:11:21 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 1

7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
   a) Name and address: NA
   b) Telephone No.: Fax No. (Opt.)
8. In addition to himself. owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b). Florida Statutes:
   a) Name and address: NA
   b) Telephone No.: Fax No. (Opt.)
9. Expiration date of Notice of Commencement **(the expiration date is one year from the date of recording unless a different date is specified)**:

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. William F Alderson
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager

William Alderson
Print Name

The foregoing instrument was acknowledged before me , a Florida Notary, this 30th day of January, 20 08, by:
William F. Alderson as OWNER **(type of authority, e.g. officer, trustee, attorney fact) for** **(name of party on behalf of whom instrument was executed).**

Personally Known ✓ OR Produced Identification ____ Type

Notary Signature Elaine R. Davis Notary Stamp or Seal:

ELAINE R. DAVIS
MY COMMISSION # DD 709588
EXPIRES: October 14, 2011
Bonded Thru Notary Public Underwriters

—AND—

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

William F. Alderson
Signature of Natural Person Signing (in line #10 above.)

0198-178

Corporate Warranty Deed

18.50
133.00
151.50

This Indenture, made this January 3, 2008 A.D.
Between

Inst:20[redacted] Date:1/10/2008 Time:2:17 PM
Doc Stamp-Deed:133.00
DC,P.DeWitt Cason,Columbia County Page 1 of 2

Consumer Properties , Inc, a Florida Corporation

whose post office address is: 10012 N. Dale Mabry, Suite 109, Tampa, Florida 33618

a corporation existing under the laws of the State of Florida, Grantor and

William F. Alderson and Jock Phelps

whose post office address is: 517 Seth Nettles Drive, Lake City, Florida 32025

Grantee,

Witnesseth, that the said Grantor, for and in consideration of the sum of Ten and No/100 Dollars ($10.00), to it in hand paid by the said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee forever, the following described land, situate, lying and being in the County of Columbia, State of Florida, to wit:

SEE ATTACHED SCHEDULE "A" FOR LEGAL DESCRIPTION ATTACHED HERETO AND MADE A PART HEREOF.

SUBJECT TO covenants, restrictions, easements of record and taxes for the current year.

Parcel Identification Number: **20-4S-17-08606-004**

And the said Grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

In Witness Whereof, the said Grantor has caused this instrument to be executed in its name by its duly authorized officer and caused its corporate seal to be affixed the day and year first above written.

Consumer Properties, Inc

Signed and Sealed in Our Presence:

By: _____
Peter Bakowski
Its: President

Witness Print Name: Debbie Giudice

Witness Print Name: TASHA FAWCETT

(Corporate Seal)

State of Florida
County of Hillsborough

The foregoing instrument was acknowledged before me this 3rd day of January, 2008, by **Peter Bakowski, President of Consumer Properties , Inc,** a corporation existing under the laws of the State of Florida, on behalf of the corporation. He/She is personally known to me or has produced a drivers license as identification

(Seal)

Notary Public Signature
Notary Printed Name: Debbie Giudice
My Commission Expires: _____

DEBBIE GIUDICE
Notary Public, State Of Florida
My Comm. Exp. March 7, 2009
Commission No. #DD404238

Prepared by:
Debbie Giudice, an employee of
Alday-Donalson Title Agencies of America, Inc.,
21762 State Road 54
Lutz, Florida 33549
File Number: 15-07-0212

15-07-0212

Schedule "A"

Commence at the Southeast corner of the NW 1/4 of Section 20, Township 4 South, Range 17 East, and run S 88°02'15" West along the South line of said NW 1/4, 78.65 feet to the West right of way line of State Road No. 131; thence N 0°38'15" West along said West right of way line, 321.64 feet; thence N 1°28'35" West along said West right of way line 477.59 feet to the POINT OF BEGINNING; thence continue N 1°28'35" West along said West right of way line 266.37 feet; thence S 87°54'23" West, 1243.68 feet to the West line of the SE 1/4 of NW 1/4; thence S1°20'24" East along said West line of SE 1/4 of NW 1/4, 265.66 feet; thence N 87°56'21" East, 1244.25 feet to the POINT OF BEGINNING, all lying and being in Columbia County, Florida

LESS AND EXCEPT THE FOLLOWING DESCRIBED PARCELS:

PARCEL 1:
Section 20: Commence at the Southeast corner of the NW 1/4, Section 20, Township 4 South, Range 17 East, Columbia County, Florida, and run thence S 88°02'15" West along the South line of said NW 1/4 78.65 feet to the West right of way line of County Road C-131; thence N 0°38'15" West along said West right of way line, 321.64 feet; thence N 1°28'35" W along the said West right of way line, 507.59 feet to the North line of a 60 foot road easement; thence S 87°56'21" W along said North line, 1059.18 feet to the POINT OF BEGINNING; thence N 1°20'24" West, 235.77 feet; thence S 87°54'23" West 185.00 feet; thence S 1°20'24" East 295.66 feet; thence N 87°56'21" East 185.00 feet; thence N 1°20'24" West 60.00 feet more or less to the POINT OF BEGINNING.

PARCEL 2:
Part of the Northwest 1/4 of Section 20, Township 4 South, Range 17 East, Columbia County, Florida, being more particularly described as follows: For a point of reference commence at the Southeast corner of said Northwest 1/4; thence run South 88°02'15" West along the South line of said Northwest 1/4, a distance of 78.65 feet to the West right of way line of County Road C-131 (Tuskenugee Road); thence run North 00°38'15" West along said West right of way line, a distance of 321.64 feet; thence run North 01°28'35" West along said West right of way line, a distance of 507.59 feet to the North line of a 60.00 foot road easement and the POINT OF BEGINNING. Thence run South 87°56'21" West, along said North line, a distance of 738.15 feet; thence run North 01°20'24" West, a distance of 235.95 feet; thence run South 87°54'23" West, a distance of 321.00 feet; thence run South 01°20'24" East, a distance of 295.77 feet to the South line of said 60.00 foot road easement; thence run North 87°56'21" East, along said South line, a distance of 1059.25 feet to said West right of way line; thence run North 01°28'35" West along West right of way line, a distance of 60.00 feet to the POINT OF BEGINNING, LESS and EXCEPT the South 30 feet thereof.

PARCEL 3:
Commence at the Southeast corner of the NW 1/4 of Section 20, Township 4 South, Range 17 East, Columbia County, Florida, and run thence South 88°02'15" West, 78.65 feet to the West right of way line of State Road #131; run thence North 0°38'15" West, along said right of way line, 321.64 feet; thence continue along said West right of way line, North 1°28'35" West, 507.59 feet; thence South 87°56'21" West, 369.00 feet to the POINT OF BEGINNING; un thence South 87°56'21" West, 369.15 feet; thence North 1°20'24" West, 235.95 feet; thence North 87°54'23" East, 369.15 feet; thence South 1°20'24" East, 236.16 feet to the POINT OF BEGINNING.

PARCEL 4:
Commence at the Southeast corner of the NW 1/4 of Section 20, Township 4 South, Range 17 East, Columbia County, Florida and run thence South 88°02'15" West along the South line of said NW 1/4, 78.65 feet to the West right of way line of County Road No. C-131, thence North 0°38'15" West along said West right of way line, 321.64 feet, thence North 1°28'35" West along said West right of way line 507.59 feet to the North line of a 60 foot road easement and the POINT OF BEGINNING, thence continue North 1°28'35" West along said West right of way line, 236.37 feet, thence South 87°54'23" West, 369.00 feet, thence South 1°28'35" East, 236.16 feet to said North line of a 60 foot road easement, thence North 87°56'21" East along said North line, 369.00 feet to the POINT OF BEGINNING, LESS the West 92 feet thereof.

Please return to
Alday-Donalson Title
3037 Landover Blvd.
Spring Hill, FL 34608

13.07.0450A

10.00
.70
10.70

Prepared by ~~and Return to~~:
Peter Bakowski
10012 N. Dale Mabry, Suite 109
Tampa, Florida 33618

Parcel ID No: R08606-004

Inst:200712024273 Date:10/30/2007 Time:11:47 AM
Doc Stamp-Deed:0.70
DC,P DeWitt Cason,Columbia County Page 1 of 1

Quit Claim Deed

Made this October 26, 2007 A.D.by
Peter Bakowski and Susan Bakowski, husband and wife,
hereinafter called the grantor, to
Consumer Properties, Inc., a Florida Corporation
whose post office address is: **10012 N. Dale Mabry, Suite 109, Tampa, Florida 33618**
hereinafter called the grantee:

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

Witnesseth, that the grantor, for and in consideration of the sum of $ TEN AND NO/100 DOLLARS ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, does hereby remise, release, and quit claim unto the grantee forever, all the right, title, interest, claim and demand which the said grantor has in and to, all that certain land situate in **Columbia** County, Florida, viz:

Commence at the Southeast corner of the NW 1/4 of Section 20, Township 4 South, Range 17 East, and run S 88°02'15" W along the South line of said NW 1/4, 78.65 feet to the West right of way line of State Road No. 131; thence N 0°38"15" W along said West right of way line, 321.64 feet; thence N 1°28'35" W along said West right of way line 477.59 feet to the POINT OF BEGINNING: thence continue N 1°28'35" W along said West right of way line 266.37 feet; thence S 87°54'23" W, 1243.68 feet to the West line of SE 1/4 of NW 1/4; thence S 1°20'24" E along said West line of SE 1/4 of NW 1/4, 265.66 feet; thence N 87°56'21" E, 1244.25 feet to the POINT OF BEGINNING, all lying and being in Columbia County, Florida.

THIS DEED IS BEING RECORDED TO PLACE GRANTORS PROPERTY INTO THEIR CORPORATION.

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

To Have and to Hold, the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim whatsoever of the said grantor, either in law or equity, to the only proper use, benefit and behoof of the said grantee forever.

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

Signed, sealed and delivered in our presence:

Witness
Printed Name Debbie Giudice

Witness
Printed Name RoxAnne R. Bocich

Peter Bakowski (Seal)
Peter Bakowski
Address: 10012 N. Dale Mabry, Suite 109, Tampa, Florida 33618

Susan Bakowski (Seal)
Susan Bakowski
Address: 10012 N. Dale Mabry, Suite 109, Tampa, Florida 33618

State of Florida
County of Hillsborough

The foregoing instrument was acknowledged before me this ~~26th~~ day of **October, 2007,** by Peter Bakowski and Susan Bakowski, husband and wife, who is personally known to me or who has produced ~~drivers license~~ as identification.

Notary Public
Print Name:
My Commission Expires:

DEBBIE GIUDICE
Notary Public, State Of Florida
My Comm. Exp. March 7, 2009
Commission No. #DD404238

PREPARED BY & RETURN TO:
SUSAN L. KOWAL
CHICAGO TITLE INSURANCE CO.
2631 C3 NW 41ST STREET
GAINESVILLE, FL 32606

Inst:2005008777 Date:04/15/2005 Time:14:52
Doc Stamp-Deed : 105.00
DC,P.DeWitt Cason,Columbia County B:1043 P:1452

Warranty Deed

Made this 21ST day of MARCH, 2005 by
MAGNOLIA MURPHY OWENS, A SINGLE WOMAN

Whose post office address is:

hereinafter called the grantor, to CHRISTOPHER A. MINNICH AND
BRANDY A. MINNICH, HUSBAND AND WIFE

whose post office address is: 361 SE DEER STREET, LAKE CITY, FL 32035

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

Witnesseth, that the grantor, for and in consideration of the sum of $ 10 . 00
and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in ALACHUA County, Florida, viz:

SEE ATTACHED EXHIBIT "A" FOR COMPLETE LEGAL DESCRIPTION

Parcel Identification Number: R08606-004

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

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2005

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

Signed, sealed and delivered in our presence:

Susan L. Kowal
SUSAN L. KOWAL

Kathy Sestrom
KATHY SESTROM

Magnolia Murphy Owens
MAGNOLIA MURPHY OWENS

State of Florida
County of ALACHUA

The foregoing instrument was acknowledged before me this 21ST day of MARCH, 2005, by MAGNOLIA MURPHY OWENS, A SINGLE WOMAN
who is/are personally known to me or who has produced a drivers license
as identification.

Susan L. Kowal
Notary Public
Print Name:
My Commission Expires:

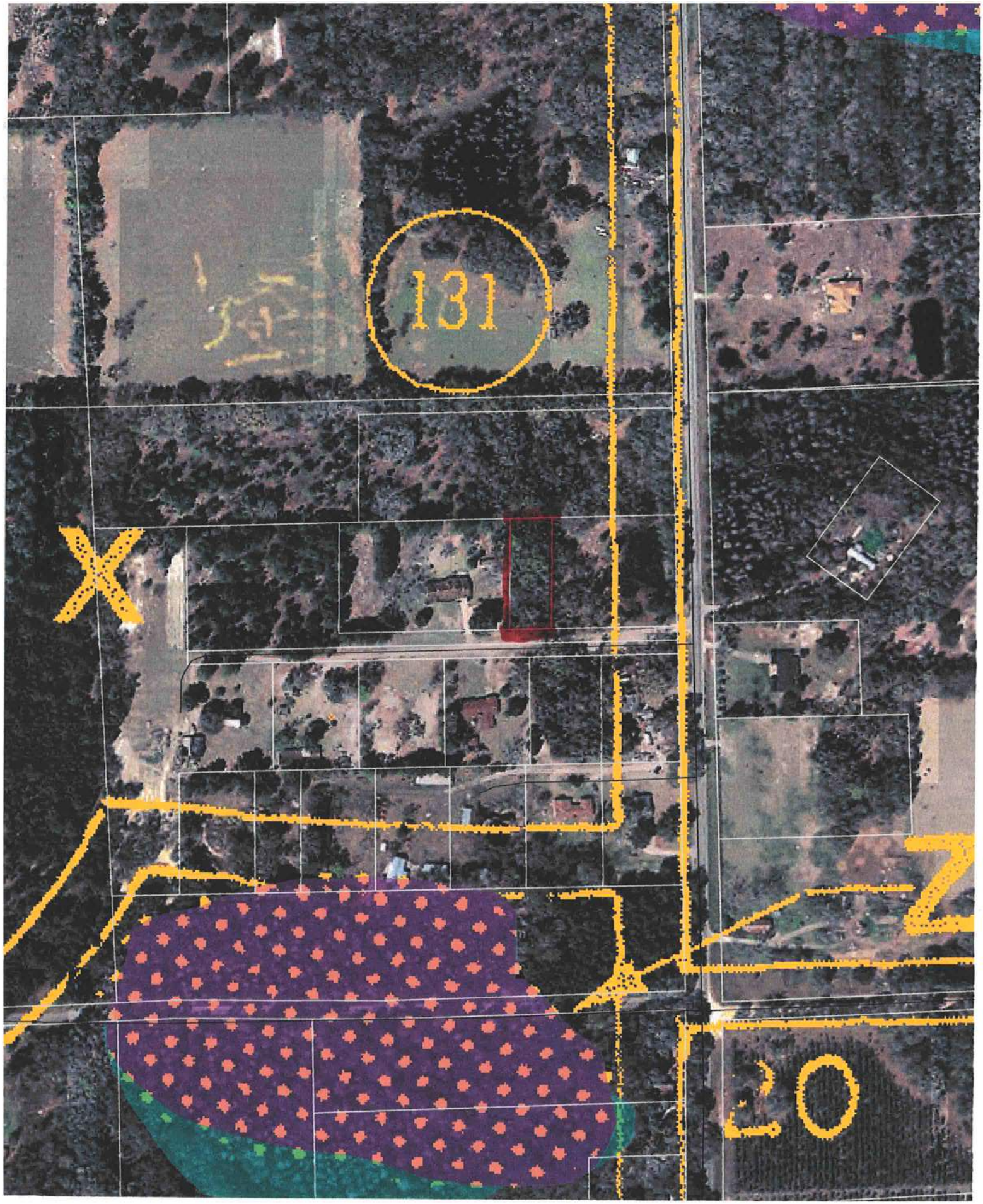
SUSAN LINDA KOWAL
Comm# DD0295128
Expires 3/1/2008
Bonded thru (800)432-4254
Florida Notary Assn., Inc

EXHIBIT "A"

PART OF THE NORTHWEST ¼ OF SECTION 20, TOWNSHIP 4 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA. BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: FOR A POINT OF REFERENCE COMMENCE AT THE SOUTHEAST CORNER OF SAID NORTHWEST ¼; THENCE RUN SOUTH 88•02'15" WEST ALONG THE SOUTH LINE OF SAID NORTHWEST ¼, A DISTANCE OF 78.65 FEET TO THE WEST RIGHT-OF-WAY LINE OF COUNTY ROAD C-131 (TUSKENUGEE ROAD); THENCE RUN NORTH 00•38'15" WEST ALONG SAID WEST RIGHT-OF-WAY LINE, A DISTANCE OF 321.64 FEET; THENCE RUN NORTH 01•28'35" WEST ALONG SAID WEST RIGHT-OF-WAY LINE, A DISTANCE OF 507.59 FEET TO THE NORTH LINE OF A 60.00 FOOT ROAD EASEMENT AND THE POINT OF BEGINNING. THENCE RUN SOUTH 87•56'21" WEST, ALONG SAID NORTH LINE, A DISTANCE OF 738.15 FEET; THENCE RUN NORTH 01•20'24" WEST, A DISTANCE OF 235.95 FEET; THENCE RUN SOUTH 87•54'23" WEST, A DISTANCE OF 321.00 FEET; THENCE RUN SOUTH 01•20'24" EAST, A DISTANCEOF 295.77 FEET TO THE SOUTH LINE OF SAID 60.00 FOOT ROAD EASEMENT; THENCE RUN NORTH 87•56'21" EAST, ALONG SAID SOUTH LINE, A DISTANCE OF 1059.25 FEET TO SAID WEST RIGHT-OF-WAY LINE; THENCE RUN NORTH 01•28'35" WEST ALONG WEST RIGHT-OF-WAY LINE, A DISTANCE OF 60.00 FEET TO THE POINT OF BEGINNING

SUBJECT TO A 60.00 FOOT ROAD EASEMENT OVER AND ACROSS THE SOUTH 60.00 FEET THEREOF.

Inst:2005008777 Date:04/15/2005 Time:14:52
Doc Stamp-Deed : 105.00
DC,P.DeWitt Cason,Columbia County B:1043 P:1453



0801-178

Previous Owner
See deed

Columbia County Property Appraiser

DB Last Updated: 1/15/2008

2008 Proposed Values

Tax Record | Property Card | Interactive GIS Map | Print

Parcel: 20-4S-17-08606-004

Search Result: 1 of 1

Owner & Property Info

Owner's Name	OWENS MAGNOLIA MURPHY		
Site Address			
Mailing Address	1225 SE 12TH TERRACE GAINESVILLE, FL 32601		
Use Desc. (code)	NO AG ACRE (009900)		
Neighborhood	20417.00	**Tax District**	2
UD Codes	MKTA02	**Market Area**	02
Total Land Area	0.510 ACRES		
Description	COMM SE COR OF NW1/4, RUN W 78.65 FT TO W R/W OF RD, N ALONG R/W 799.23 FT FOR POB, CONT N 266.37 FT, W 1243.68 FT, S 265.66 FT, E 1244.25 FT TO POB, EX 2 AC DESC ORB 397-28 & EX 1.26 AC DESC ORB 608-450 & EX 1.50 AC DESC ORB 636-771 & EX APPX 2.56 AC DESC ORB 1043-1452, WD 1134- 2175, QC 1134-2176, WD 1140- 1211.		

GIS Aerial

Property & Assessment Values

Mkt Land Value	cnt: (1)	$8,976.00
Ag Land Value	cnt: (0)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$8,976.00

Just Value	$8,976.00
Class Value	$0.00
Assessed Value	$8,976.00
Exempt Value	$0.00
Total Taxable Value	$8,976.00

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)	.510 AC	1.00/1.00/1.00/1.00	$17,600.00	$8,976.00

Columbia County Property Appraiser

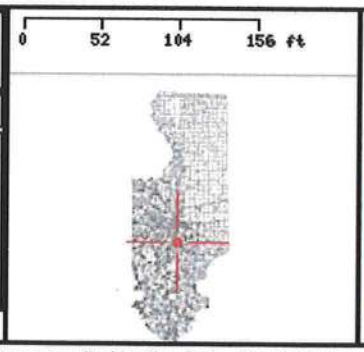
DB Last Updated: 1/15/2008

Columbia County Property Appraiser

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

PARCEL: 20-4S-17-08606-004 - NO AG ACRE (009900)

Name:	OWENS MAGNOLIA MURPHY	LandVal	$8,976.00
Site:		BldgVal	$0.00
Mail:	1225 SE 12TH TERRACE GAINESVILLE, FL 32601	ApprVal	$8,976.00
		JustVal	$8,976.00
Sales Info		Assd	$8,976.00
		Exmpt	$0.00
		Taxable	$8,976.00



This information, GIS Map Updated: 1/15/2008, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

FORM 600A-2004 EnergyGauge® 4.0

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	~~BROWN STREET MODEL~~ Tuskenugee Road	Builder:	S & S Construction
Address:	-	Permitting Office:	Columbia Co.
City, State:	-, FL	Permit Number:	26806
Owner:	COLUMBIA DEVELOPERS, L.L.C.	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 25.4 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1203 ft²	13. Heating systems	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		a. Electric Heat Pump	Cap: 25.1 kBtu/hr
a. U-factor: (or Single or Double DEFAULT)	7a. Description Area (Dble Default) 123.4 ft²		HSPF: 8.00
b. SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 123.4 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 143.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=11.0, 819.0 ft²	c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
b. N/A		15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	CF,
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=22.0, 1283.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft		
b. N/A			

Glass/Floor Area: 0.13 Total as-built points: 17947 Total base points: 20106 **PASS**

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

PREPARED BY: _____

DATE: 17 Jan 2008 AR7005

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	BROWN STREET MODEL Tustenuggee Mod	Builder:	
Address:	-	Permitting Office:	
City, State:	-, FL	Permit Number:	
Owner:	COLUMBIA DEVELOPERS, L.L.C.	Jurisdiction Number:	
Climate Zone:	North		

1.	New construction or existing	New	
2.	Single family or multi-family	Single family	
3.	Number of units, if multi-family	1	
4.	Number of Bedrooms	3	
5.	Is this a worst case?	Yes	
6.	Conditioned floor area (ft²)	1203 ft²	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)		
a.	U-factor: (or Single or Double DEFAULT)	7a. Description (Dble Default) Area 123.4 ft²	
b.	SHGC: (or Clear or Tint DEFAULT)	7b. (Clear) 123.4 ft²	
8.	Floor types		
a.	Slab-On-Grade Edge Insulation	R=0.0, 143.0(p) ft	
b.	N/A		
c.	N/A		
9.	Wall types		
a.	Frame, Wood, Exterior	R=11.0, 819.0 ft²	
b.	N/A		
c.	N/A		
d.	N/A		
e.	N/A		
10.	Ceiling types		
a.	Under Attic	R=22.0, 1283.0 ft²	
b.	N/A		
c.	N/A		
11.	Ducts		
a.	Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft	
b.	N/A		

12.	Cooling systems		
a.	Central Unit	Cap: 25.4 kBtu/hr	
		SEER: 13.00	
b.	N/A		
c.	N/A		
13.	Heating systems		
a.	Electric Heat Pump	Cap: 25.1 kBtu/hr	
		HSPF: 8.00	
b.	N/A		
c.	N/A		
14.	Hot water systems		
a.	Electric Resistance	Cap: 40.0 gallons	
		EF: 0.93	
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)	CF,	

Glass/Floor Area: 0.13

Total as-built points: 17947
Total base points: 20106

PASS

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

PREPARED BY: [signature]

DATE: 17 Jun 2008 ARCTOOS

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

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

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: -, -, 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 circuit 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.	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: -, -, 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		40.0	0.93	3	1.00	2606.67	1.00	7820.0
				As-Built Total:						**7820.0**

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
6386	**5815**	**7905**	**20106**	**4191**	**5936**	**7820**	**17947**

PASS

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, -, FL,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**9268.8**	**Winter As-Built Points:**					**12084.4**
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 25100 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Int(AH),R6.0					
			12084.4	1.000	(1.060 x 1.169 x 0.93)	0.426	1.000	5936.0
9268.8	**0.6274**	**5815.2**	**12084.4**	**1.00**	**1.152**	**0.426**	**1.000**	**5936.0**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, -, 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	1203.0	12.74	2758.7	Double, Clear	SE	1.5	5.5	30.0	14.71	1.11	491.5
				Double, Clear	SE	6.5	5.5	15.0	14.71	2.11	464.3
				Double, Clear	SW	1.5	5.5	15.0	16.74	1.07	269.2
				Double, Clear	NW	1.5	5.5	15.0	24.30	1.00	365.9
				Double, Clear	NW	1.5	3.5	9.0	24.30	1.01	221.0
				Double, Clear	NW	1.5	7.3	33.4	24.30	1.00	812.6
				Double, Clear	NE	1.5	3.5	6.0	23.57	1.02	144.2
				Double, Clear	NE	1.5	5.5	30.0	23.57	1.01	712.7
				As-Built Total:				**153.4**			**3481.5**

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	11.0	819.0	3.70	3030.3
Exterior	819.0	3.70	3030.3					
Base Total:	**819.0**		**3030.3**	**As-Built Total:**		**819.0**		**3030.3**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Adjacent	17.8	11.50	204.7	Exterior Wood	20.0	12.30	246.0
Exterior	20.0	12.30	246.0	Adjacent Wood	17.8	11.50	204.7
Base Total:	**37.8**		**450.7**	**As-Built Total:**	**37.8**		**450.7**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	1203.0	2.05	2466.1	Under Attic	22.0	1283.0	2.45 X	1.00	3143.4
Base Total:	**1203.0**		**2466.1**	**As-Built Total:**		**1283.0**			**3143.4**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	143.0(p)	8.9	1272.7	Slab-On-Grade Edge Insulation	0.0	143.0(p	18.80	2688.4
Raised	0.0	0.00	0.0					
Base Total:			**1272.7**	**As-Built Total:**		**143.0**		**2688.4**

INFILTRATION	Area X	BWPM	= Points		Area X	WPM	= Points
	1203.0	-0.59	-709.8		1203.0	-0.59	-709.8

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, -, FL,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 14969.3			**Summer As-Built Points:**					**14893.4**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 25400 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(INS)					
			14893	1.00	(1.08 x 1.147 x 0.91)	0.263	0.950	4191.2
14969.3	**0.4266**	**6385.9**	**14893.4**	**1.00**	**1.128**	**0.263**	**0.950**	**4191.2**

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: -, -, 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	1203.0	20.04	4339.6	Double, Clear	SE	1.5	5.5	30.0	42.75	0.86	1104.3	
				Double, Clear	SE	6.5	5.5	15.0	42.75	0.46	295.5	
				Double, Clear	SW	1.5	5.5	15.0	40.16	0.86	519.9	
				Double, Clear	NW	1.5	5.5	15.0	25.97	0.91	355.2	
				Double, Clear	NW	1.5	3.5	9.0	25.97	0.82	191.7	
				Double, Clear	NW	1.5	7.3	33.4	25.97	0.95	826.7	
				Double, Clear	NE	1.5	3.5	6.0	29.56	0.80	142.1	
				Double, Clear	NE	1.5	5.5	30.0	29.56	0.91	802.9	
				As-Built Total:				**153.4**			**4238.2**	
WALL TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior			11.0	819.0	1.70		1392.3	
Exterior	819.0	1.70	1392.3									
Base Total:	**819.0**		**1392.3**	**As-Built Total:**				**819.0**			**1392.3**	
DOOR TYPES	Area X	BSPM =	Points	Type				Area X	SPM =		Points	
Adjacent	17.8	2.40	42.7	Exterior Wood				20.0	6.10		122.0	
Exterior	20.0	6.10	122.0	Adjacent Wood				17.8	2.40		42.7	
Base Total:	**37.8**		**164.7**	**As-Built Total:**				**37.8**			**164.7**	
CEILING TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM X SCM =		Points	
Under Attic	1203.0	1.73	2081.2	Under Attic			22.0	1283.0	2.11 X 1.00		2707.1	
Base Total:	**1203.0**		**2081.2**	**As-Built Total:**				**1283.0**			**2707.1**	
FLOOR TYPES	Area X	BSPM =	Points	Type			R-Value	Area X	SPM =		Points	
Slab	143.0(p)	-37.0	-5291.0	Slab-On-Grade Edge Insulation			0.0	143.0(p	-41.20		-5891.6	
Raised	0.0	0.00	0.0									
Base Total:			**-5291.0**	**As-Built Total:**				**143.0**			**-5891.6**	
INFILTRATION	Area X	BSPM =	Points					Area X	SPM =		Points	
	1203.0	10.21	12282.6					1203.0	10.21		12282.6	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.3

The higher the score, the more efficient the home.

COLUMBIA DEVELOPERS, L.L.C., -, -, FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family			a. Central Unit	Cap: 25.4 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3			b. N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	1203 ft²			c. N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
	a. U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble Default) 123.4 ft²			a. Electric Heat Pump	Cap: 25.1 kBtu/hr
	b. SHGC:					HSPF: 8.00
	(or Clear or Tint DEFAULT) 7b.	(Clear) 123.4 ft²			b. N/A	
8.	Floor types					
	a. Slab-On-Grade Edge Insulation	R=0.0, 143.0(p) ft			c. N/A	
	b. N/A					
	c. N/A			14.	Hot water systems	
9.	Wall types				a. Electric Resistance	Cap: 40.0 gallons
	a. Frame, Wood, Exterior	R=11.0, 819.0 ft²				EF: 0.93
	b. N/A				b. N/A	
	c. N/A					
	d. N/A				c. Conservation credits	
	e. N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
	a. Under Attic	R=22.0, 1283.0 ft²		15.	HVAC credits	CF,
	b. N/A				(CF-Ceiling fan, CV-Cross ventilation,	
	c. N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
	a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 120.0 ft			MZ-C-Multizone cooling,	
	b. N/A				MZ-H-Multizone heating)	

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

Builder Signature: _____ Date: _____

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

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

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

App #0801-18
Alderson

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: 2/25/2008 **DATE ISSUED:** 2/25/2008

ENHANCED 9-1-1 ADDRESS:

167 SW AMISTAD GLN

LAKE CITY FL 32025

PROPERTY APPRAISER PARCEL NUMBER:

20-4S-17-08606-004

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 1155

FEB 2 5 2008

911Addressing/GIS Dept

080098

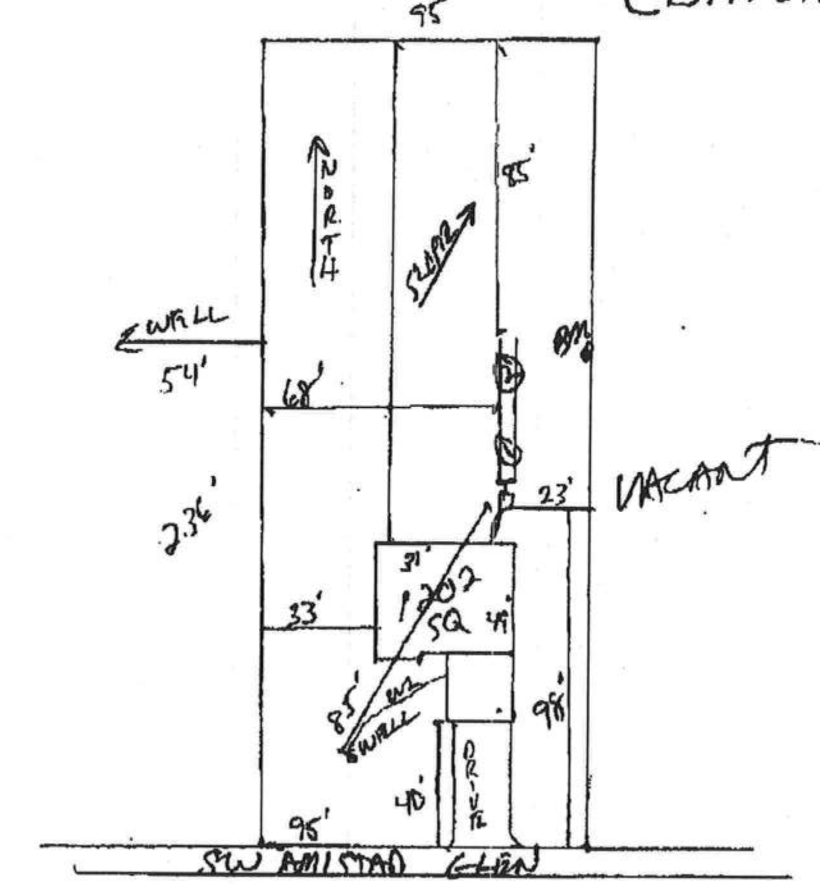
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION F0R ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number________________

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

Scale: 1 inch = 50 feet.

(Bill alderson)



Notes: ____________________________________

Site Plan submitted by: [signature] **MASTER CONTRACTOR**

Plan Approved ✓ **Not Approved**______ **Date** 1/23/08

By [signature] Columbia **County Health Department**

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 5744-002-4015-6)

ITW Building Components Group, Inc.

1950 Marley Drive Haines City, FL 33844
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1TEF8228Z0124141826

Truss Fabricator:	Anderson Truss Company
Job Identification:	8-029--Fill in later TUSTENUGGEE -- , **
Truss Count:	25
Model Code:	Florida Building Code 2004 and 2006 Supplement
Truss Criteria:	ANSI/TPI-2002(STD)/FBC
Engineering Software:	Alpine Software,Version 7.36.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 40.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 110 MPH ASCE 7-02 -Closed

Seal Date: 01/24/2008

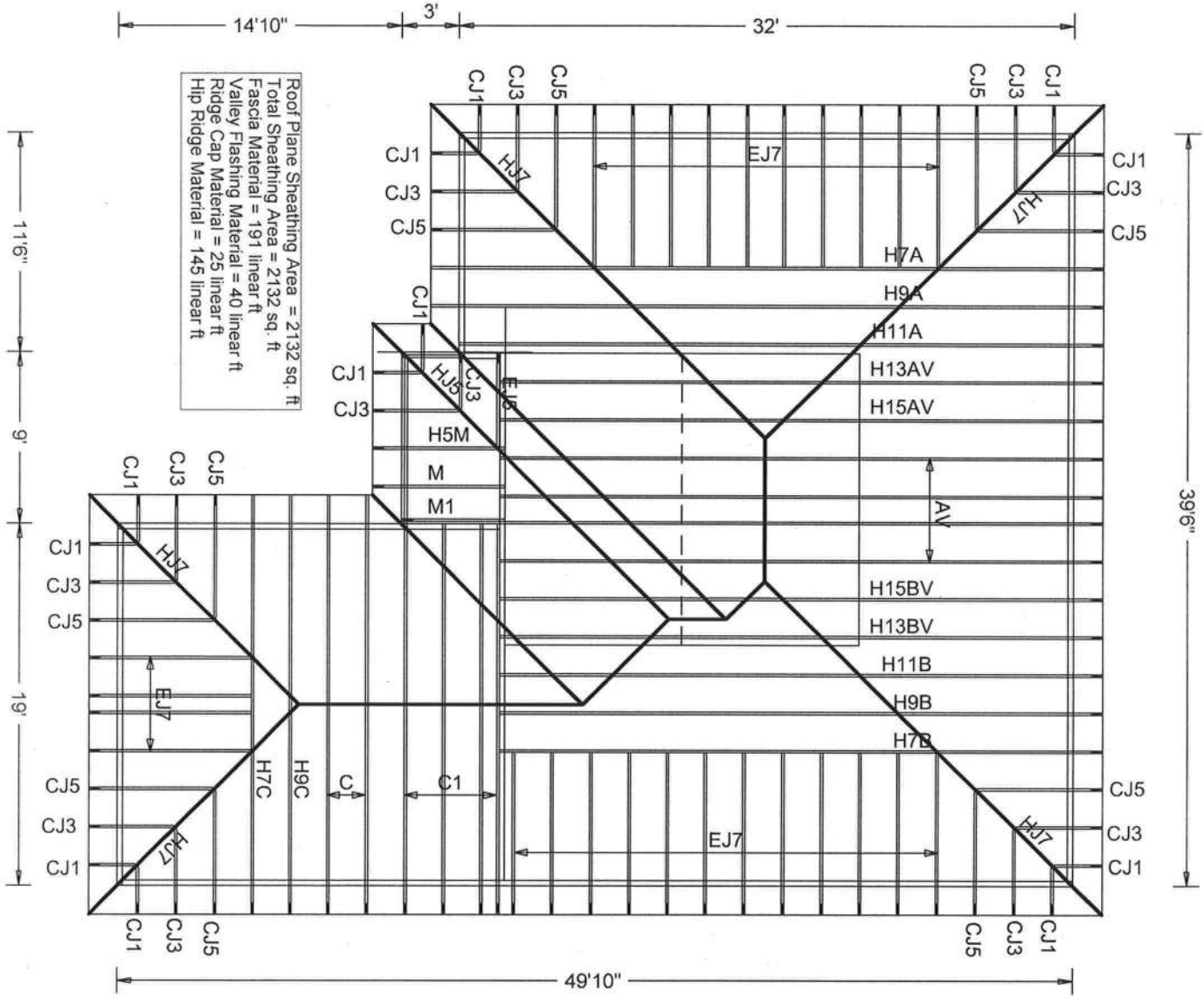
-Truss Design Engineer-
James F. Collins Jr.
Florida License Number: 52212
1950 Marley Drive
Haines City, FL 33844

Notes:

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

Details: BRCLBSUB-

#	Ref Description	Drawing#	Date
1	50410--AV	08024001	01/24/08
2	50411--H15AV	08024002	01/24/08
3	50412--H13AV	08024003	01/24/08
4	50413--H11A	08024004	01/24/08
5	50414--H9A	08024005	01/24/08
6	50415--H7A	08024022	01/24/08
7	50416--H9B	08024006	01/24/08
8	50417--H11B	08024007	01/24/08
9	50418--H13BV	08024008	01/24/08
10	50419--H15BV	08024009	01/24/08
11	50420--H7B	08024020	01/24/08
12	50421--H7C	08024021	01/24/08
13	50422--C	08024010	01/24/08
14	50423--C1	08024011	01/24/08
15	50424--H9C	08024012	01/24/08
16	50425--EJ7	08024003	01/24/08
17	50426--CJ5	08024013	01/24/08
18	50427--HJ7	08024017	01/24/08
19	50428--CJ3	08024001	01/24/08
20	50429--HJ5	08024018	01/24/08
21	50430--CJ1	08024002	01/24/08
22	50431--H5M	08024019	01/24/08
23	50432--EJ5	08024016	01/24/08
24	50433--M1	08024014	01/24/08
25	50434--M	08024015	01/24/08



#8-029 S & S Const / Tustenuggee

JOB NO:	JOB DESCRIPTION:: Fill in later /: TUSTENUGGEE	
8-029		
PAGE NO:		
1 OF 1		

(8-029--Fill in later TUSTENUGGEE -- , ** - AV)

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

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

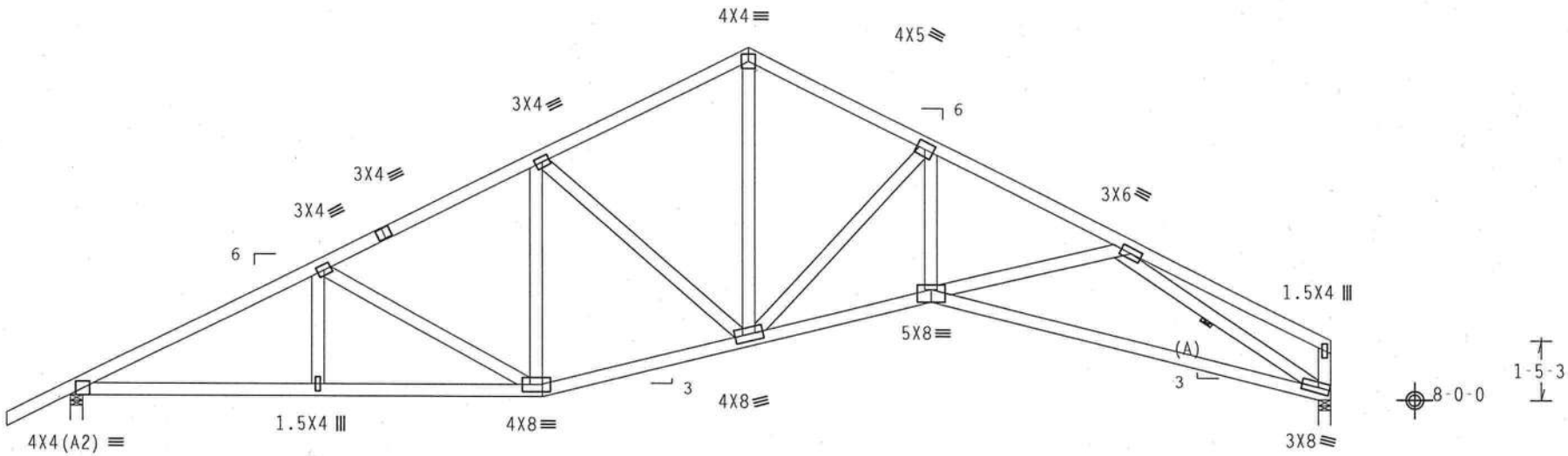
Roof overhang supports 2.00 psf soffit load.

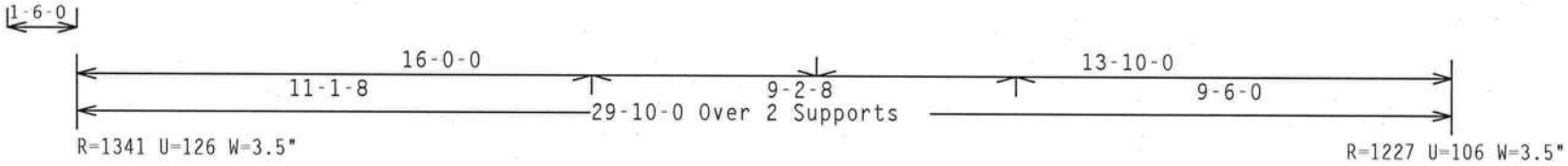
(A) Continuous lateral bracing equally spaced on member.

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

Wind reactions based on MWFRS pressures.

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





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

PLT TYP. Wave

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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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
Jan 24 '08

TC LL	20.0 PSF	REF R8228- 50410
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024001
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28242
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

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

Roof overhang supports 2.00 psf soffit load.

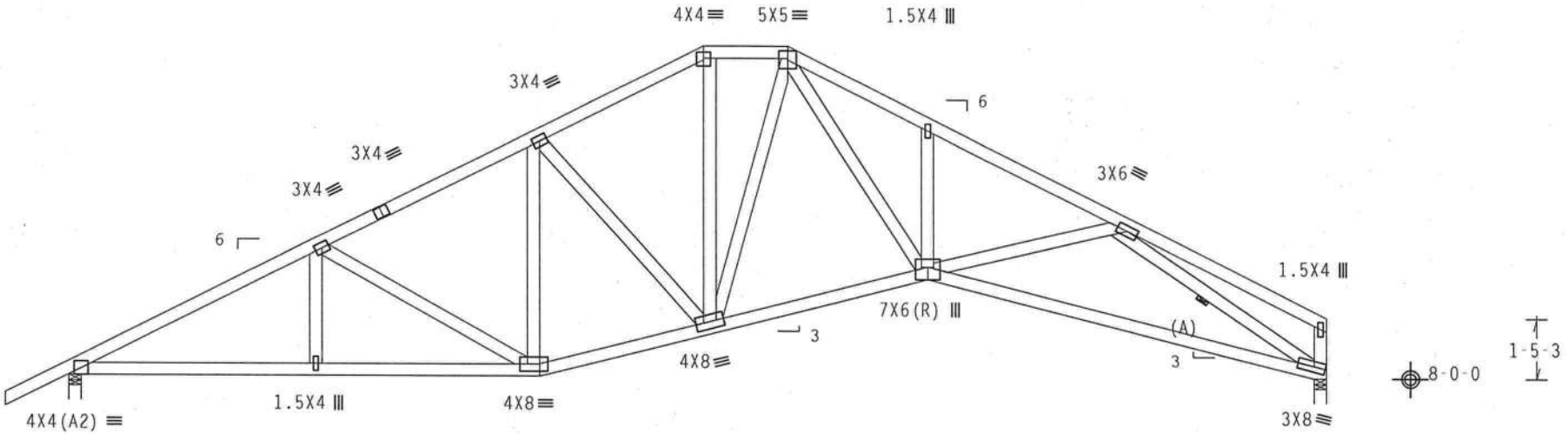
(A) Continuous lateral bracing equally spaced on member.

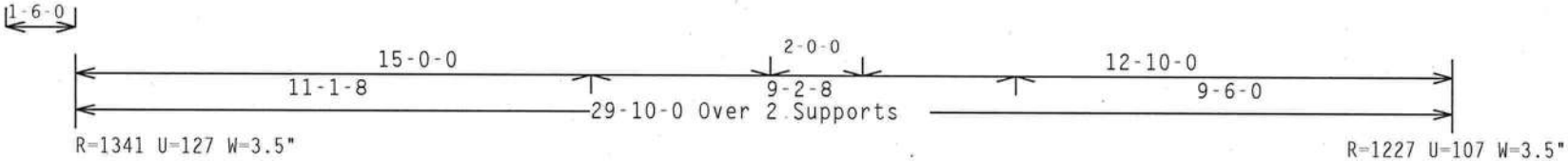
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

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





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

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0.278

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
Jan 24 '08

TC LL	20.0 PSF	REF R8228- 50411
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024002
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28247
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - H13AV)

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

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

Roof overhang supports 2.00 psf soffit load.

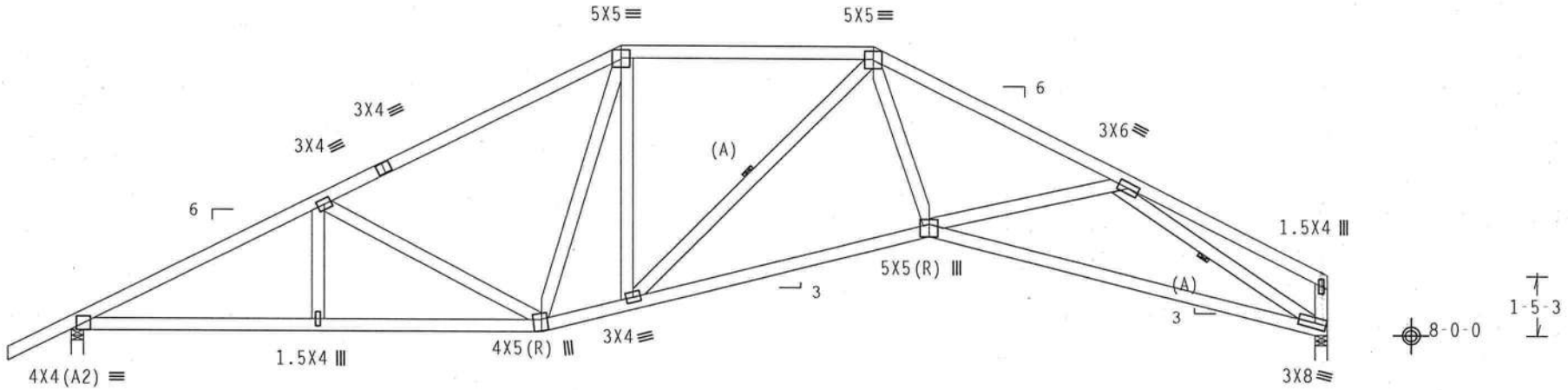
(A) Continuous lateral bracing equally spaced on member.

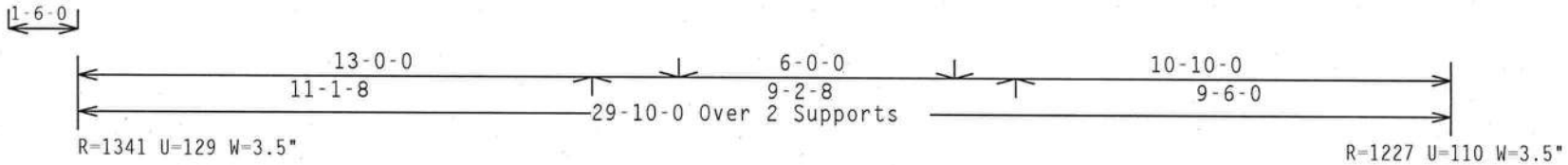
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

Jan 24,2008

TC LL	20.0 PSF	REF R8228- 50412
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024003
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28252
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - H11A)

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

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

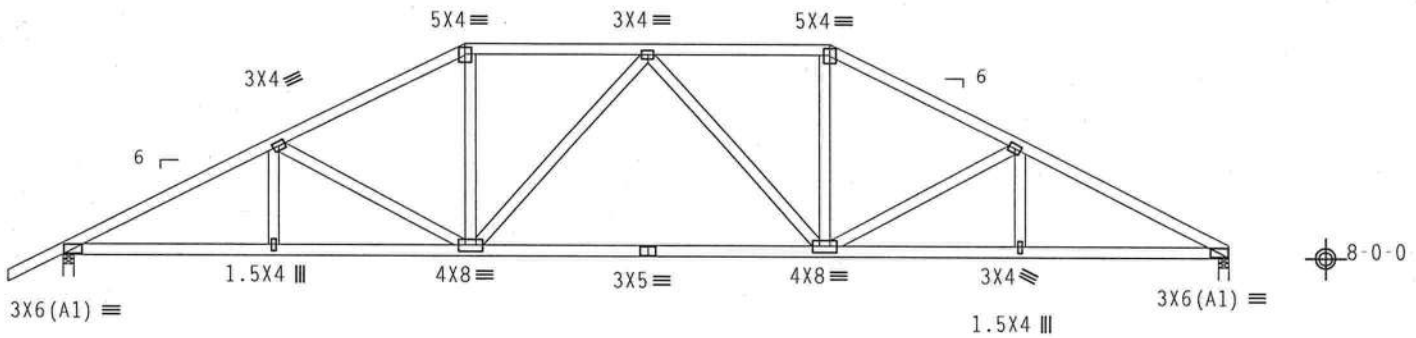
Roof overhang supports 2.00 psf soffit load.

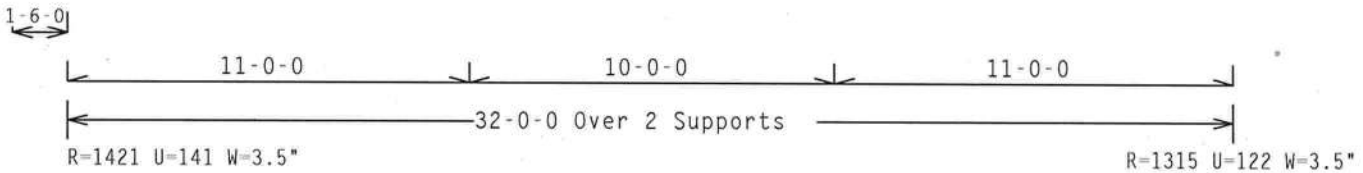
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

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 # 0 278

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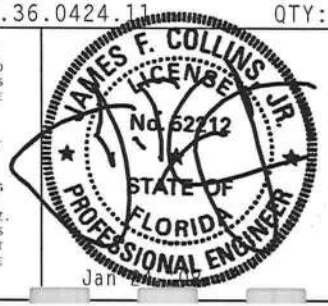

Jan

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TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024004
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28258
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

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

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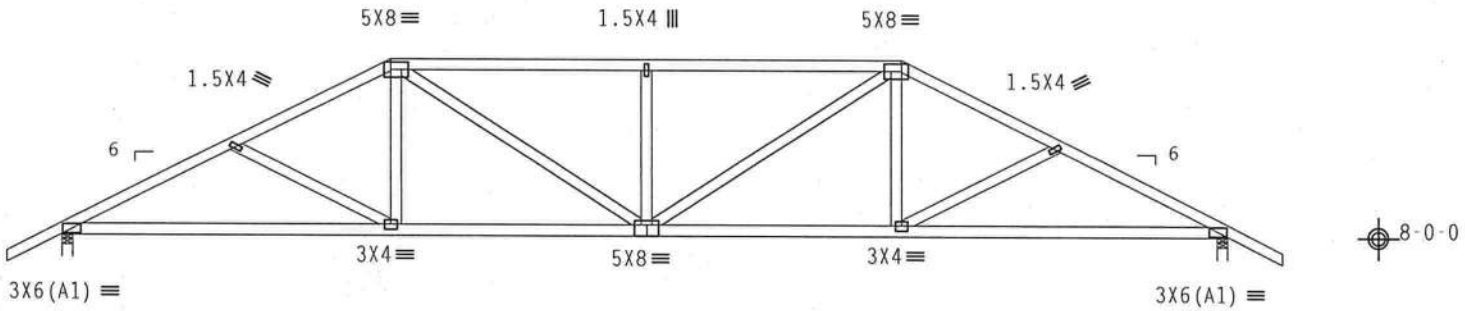
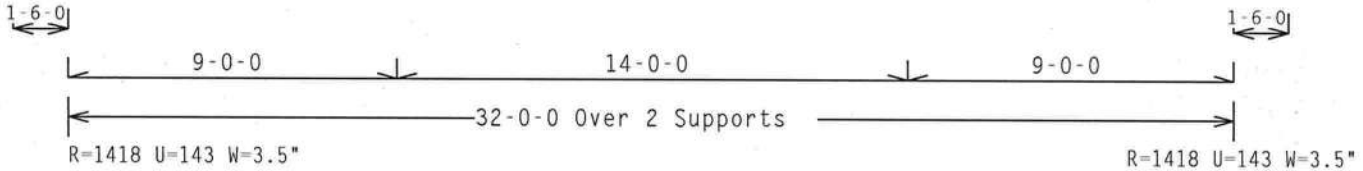
Wind reactions based on MWFRS pressures.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

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 # 0 278

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

Jan 2

TC LL	20.0 PSF	REF R8228- 50414
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024005
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28263
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

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

Roof overhang supports 2.00 psf soffit load.

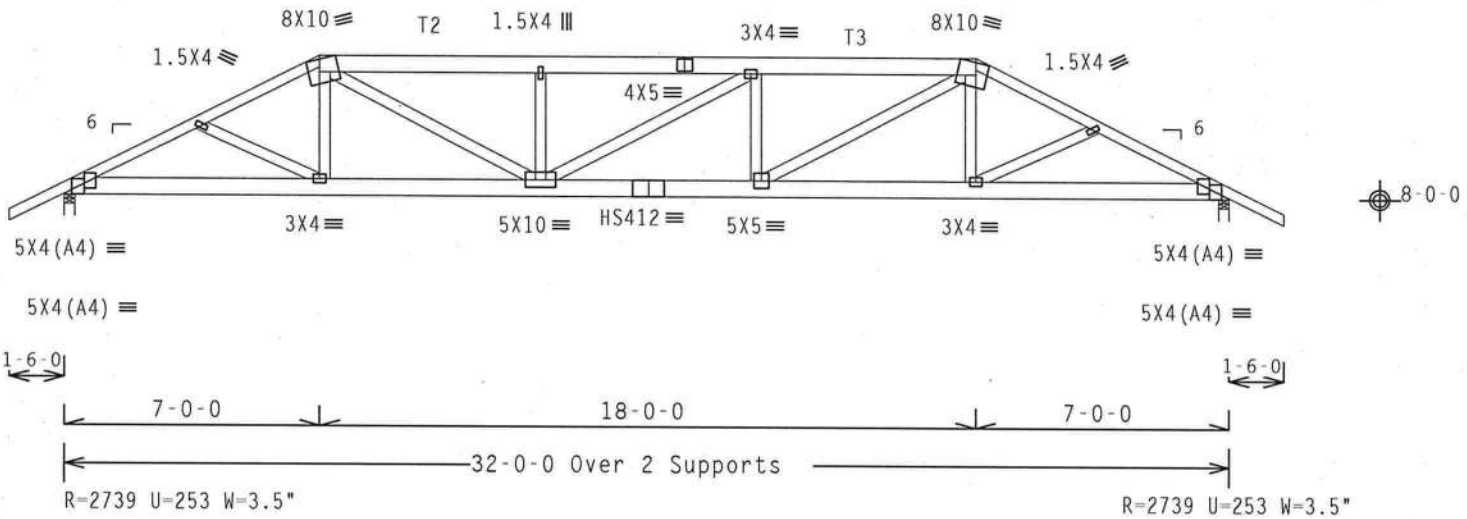
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Wind reactions based on MWFRS pressures.

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

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave

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

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

Scale =.1875"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 279

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

Jan 24 08

TC LL	20.0 PSF	REF R8228- 50415
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024022
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 28288
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - H9B)

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

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

Roof overhang supports 2.00 psf soffit load.

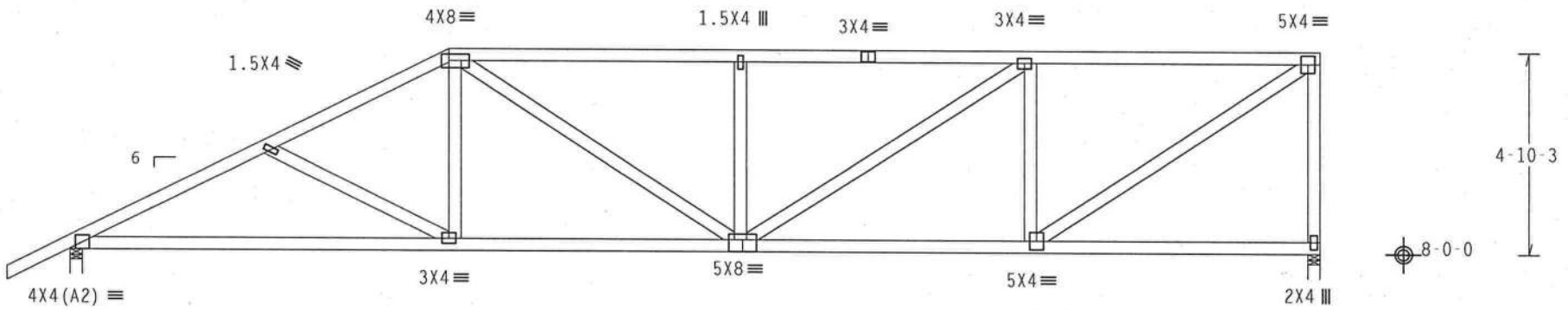
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

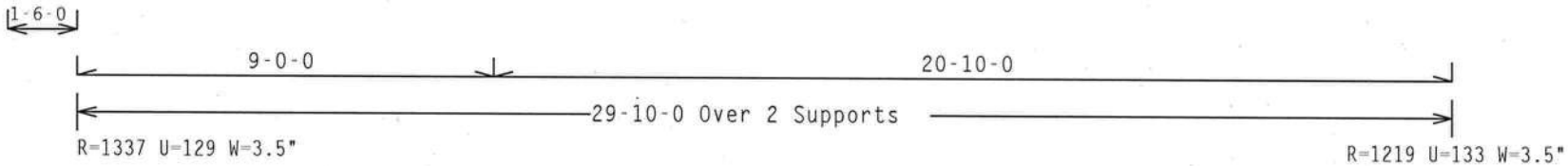
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0.278

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

Jan 2

TC LL	20.0 PSF	REF R8228- 50416
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024006
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28215
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - H11B)

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

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

Roof overhang supports 2.00 psf soffit load.

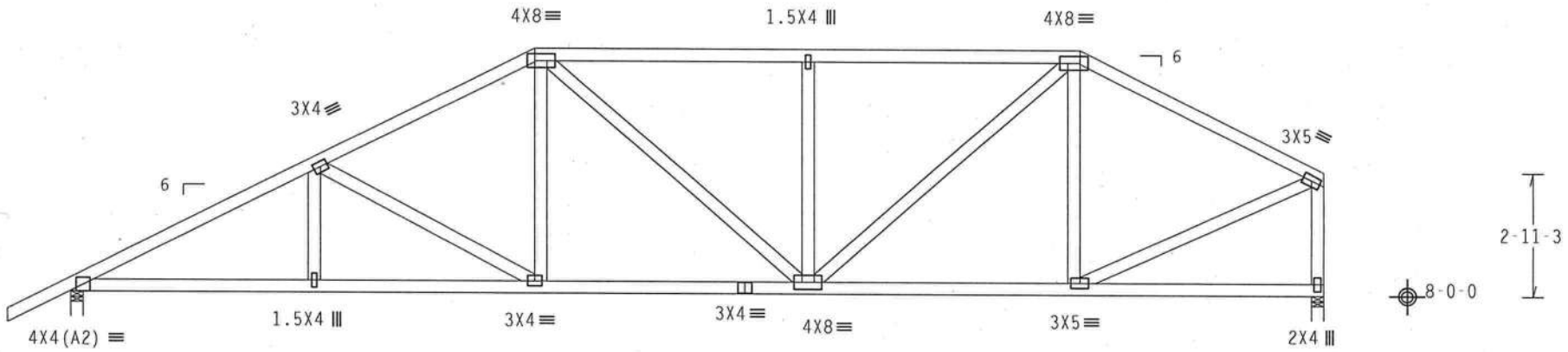
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

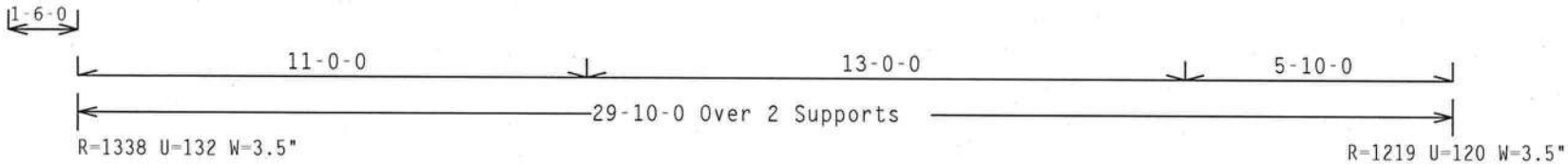
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0.278

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

TC LL	20.0 PSF	REF R8228- 50417
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024007
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28223
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

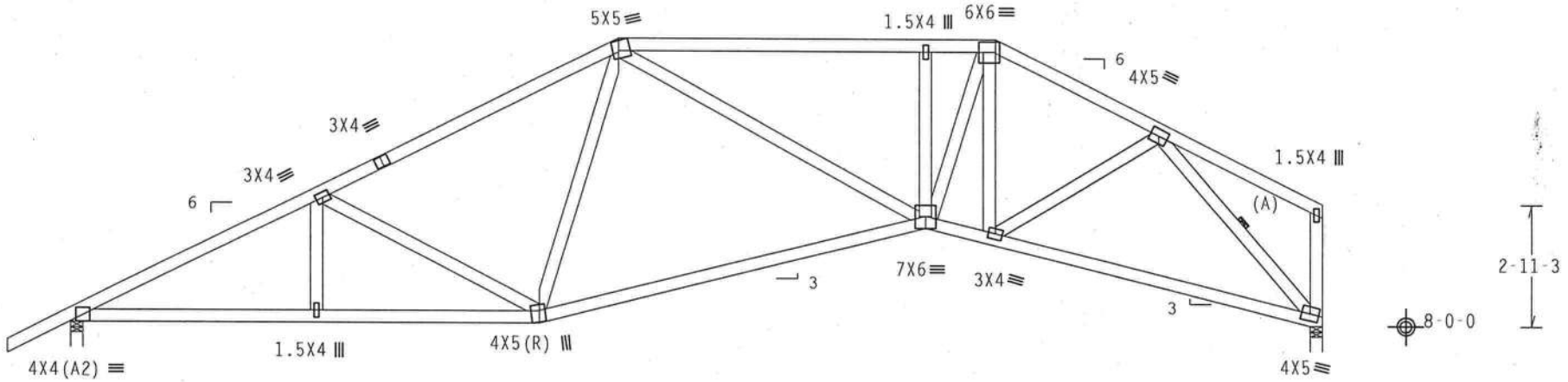
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

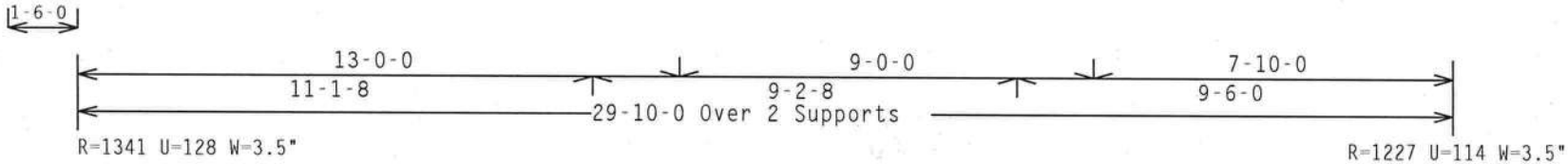
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





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

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization #0.278

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

Jan 24 '08

TC LL	20.0 PSF	REF	R8228- 50418
TC DL	10.0 PSF	DATE	01/24/08
BC DL	10.0 PSF	DRW	HCUSR8228 08024008
BC LL	0.0 PSF	HC-ENG	JB/AP *
TOT.LD.	40.0 PSF	SEQN-	28230
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - H15BV)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

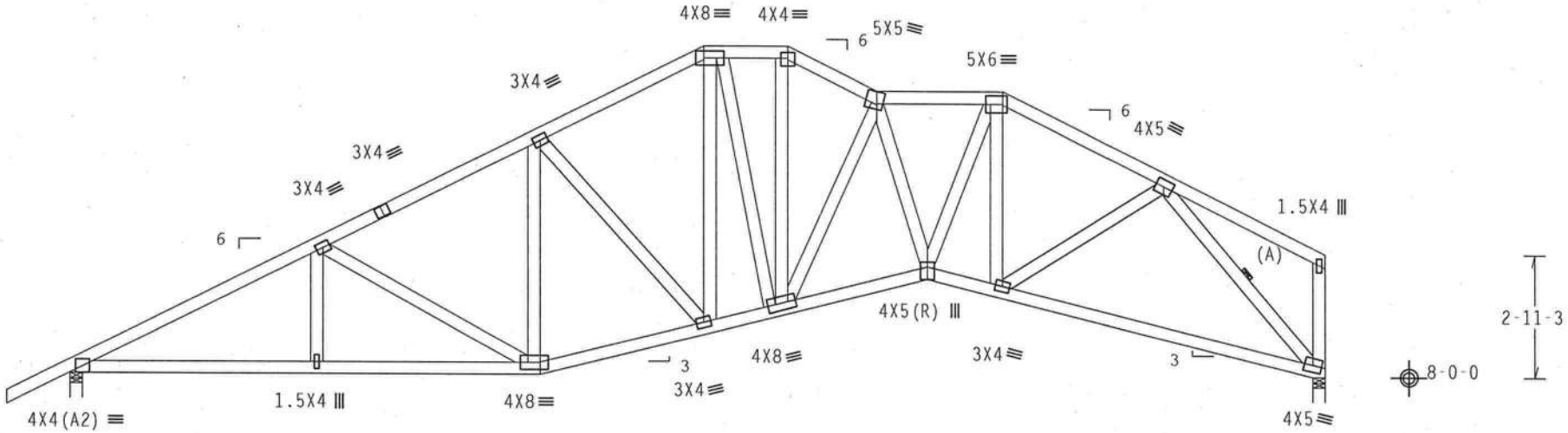
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

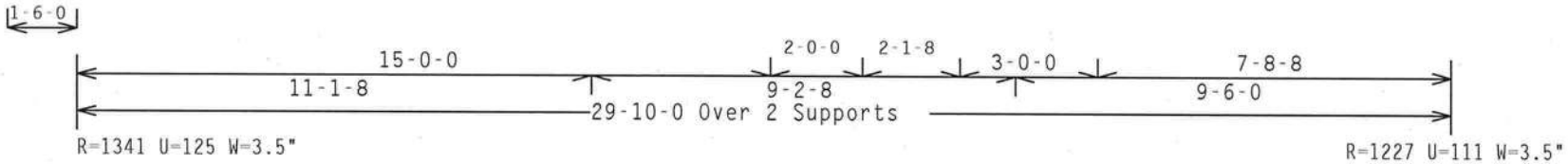
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.11 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

TC LL	20.0 PSF	REF R8228- 50419
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024009
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28237
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - H7B)

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

Top chord 2x6 SP #2 :T1 2x4 SP #2 Dense:
Bot chord 2x6 SP #2
Webs 2x4 SP #3 :W9 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

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

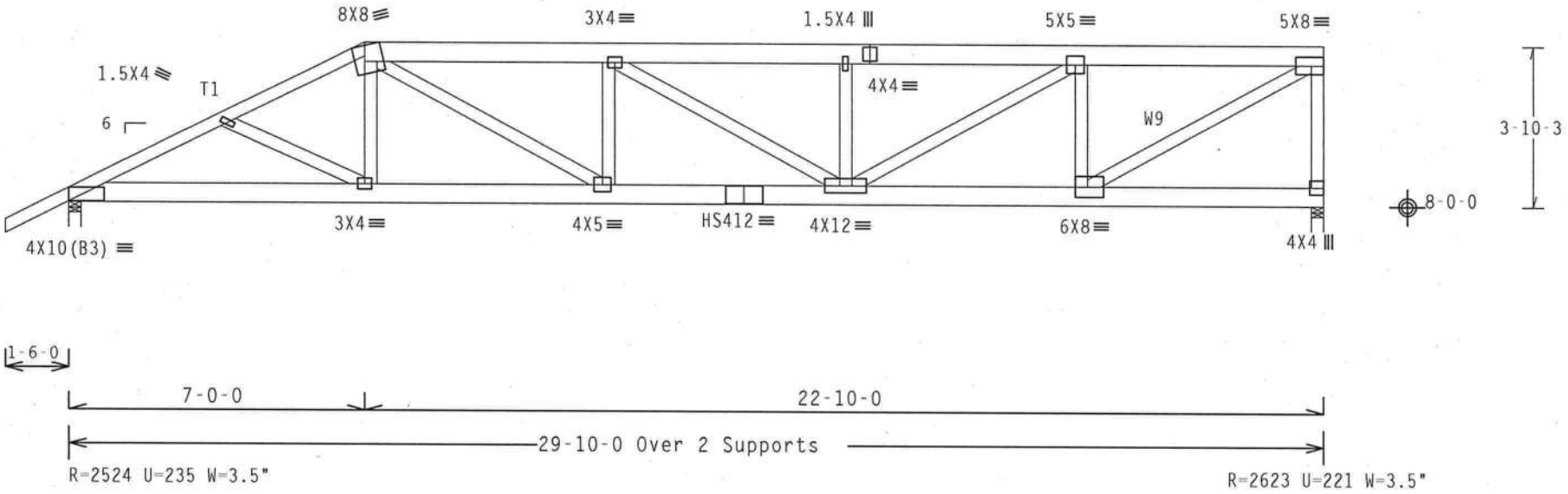
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

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



Design Crit: TPI-2002(STD)/FBC

PLT TYP. 20 Gauge HS,Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.11 QTY:1 FL/-/4/-/-/R/- Scale =.25"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

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

Jan

TC LL	20.0 PSF	REF R8228- 50420
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024020
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 28292
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - H7C)

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

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

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

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

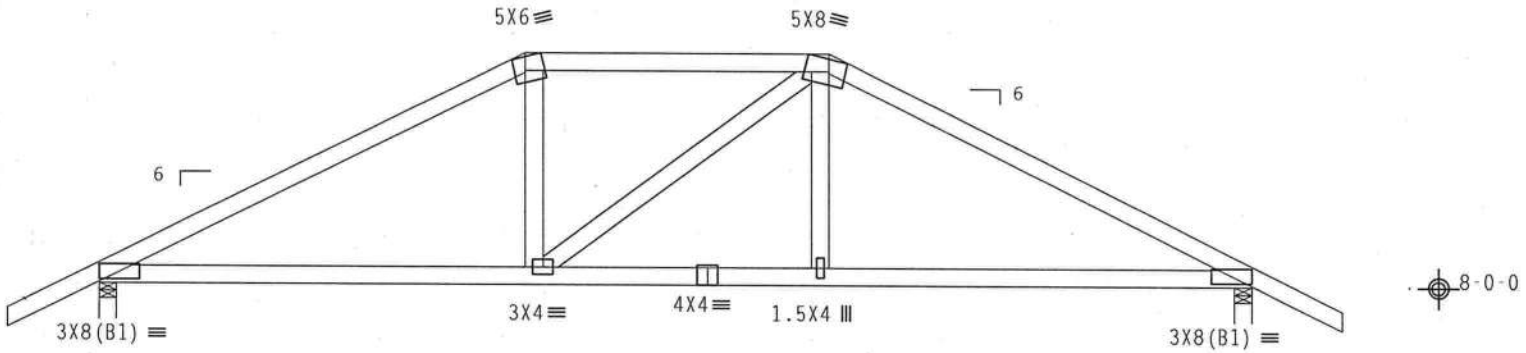
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

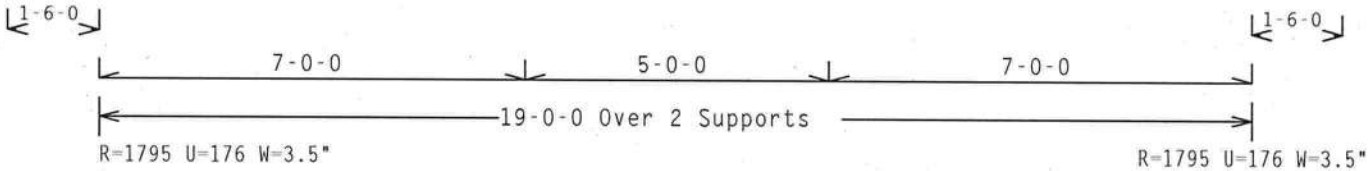
SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)

TC - From	62 PLF	at	-1.50	to	62 PLF	at 7.00
TC - From	62 PLF	at	7.00	to	62 PLF	at 12.00
TC - From	62 PLF	at	12.00	to	62 PLF	at 20.50
BC - From	4 PLF	at	-1.50	to	4 PLF	at 0.00
BC - From	20 PLF	at	0.00	to	20 PLF	at 19.00
BC - From	4 PLF	at	19.00	to	4 PLF	at 20.50

TC - 187 LB Conc. Load at 7.06, 9.06, 9.94, 11.94
BC - 456 LB Conc. Load at 7.00, 12.00
BC - 82 LB Conc. Load at 9.06, 9.94

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





Design Crit: TPI-2002(STD)/FBC
PLT TYP. Wave Cq/RT=1.00(1.25)/10(0) 7.36.0424.11 QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jan 2

TC LL	20.0 PSF	REF R8228- 50421
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024021
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 28197
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

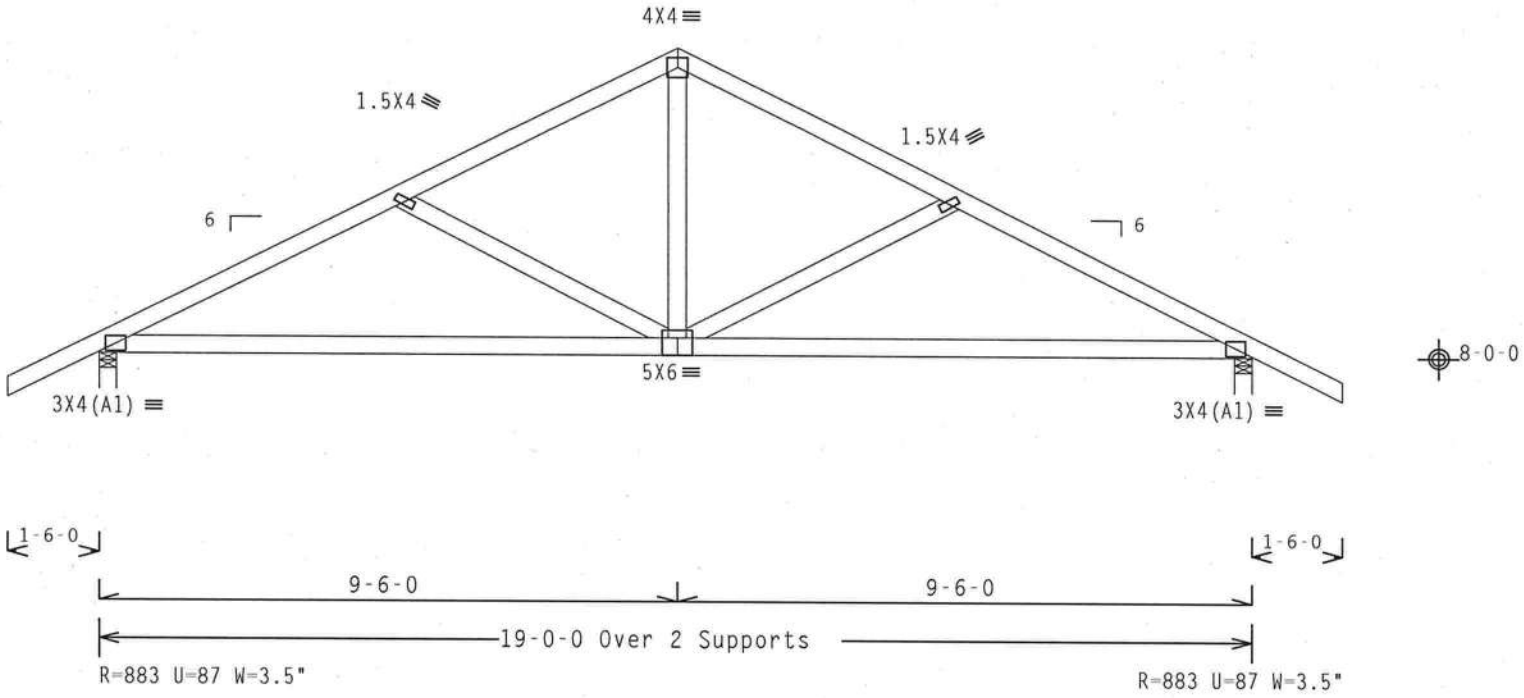
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424 1

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE
ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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JAMES F. COLLINS JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jan 24 08

TC LL	20.0 PSF	REF R8228- 50422
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024010
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28177
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - C1)

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

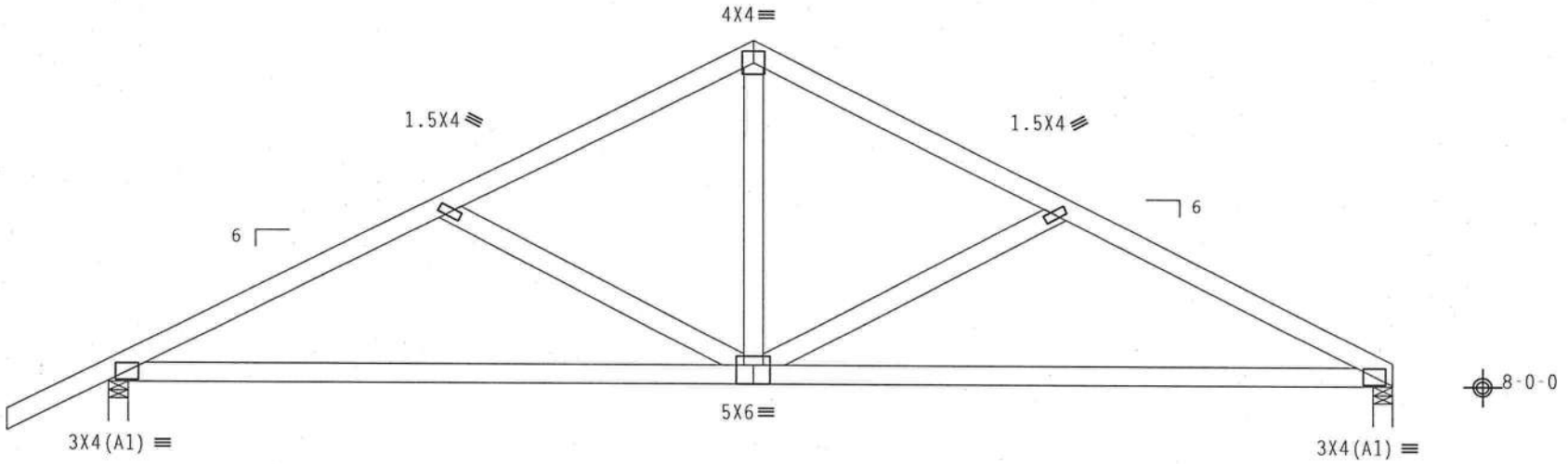
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

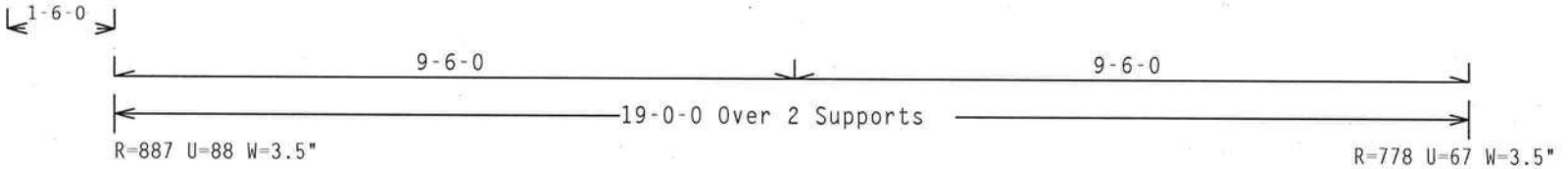
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

Jan

TC LL	20.0 PSF	REF R8228- 50423
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024011
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28182
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE ---, ** - H9C)

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

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

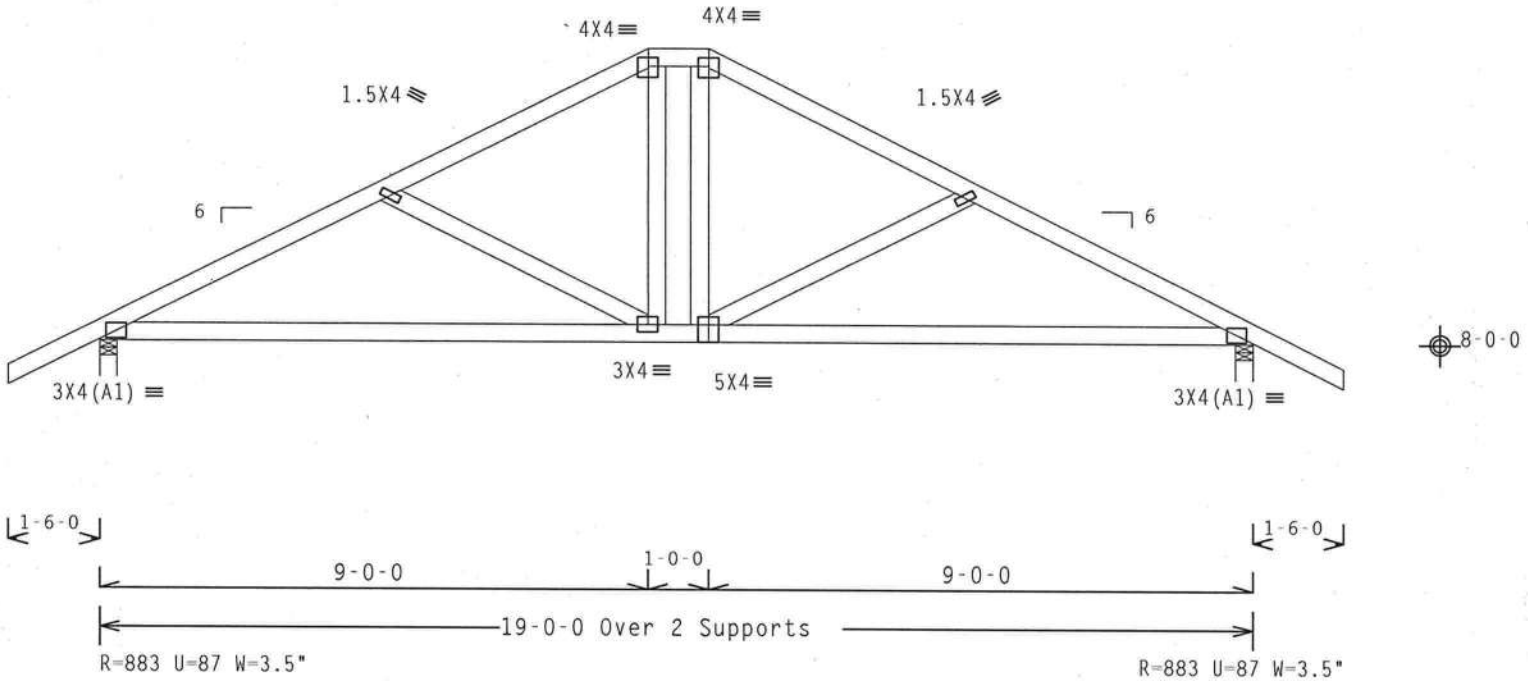
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

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



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

PLT TYP. Wave

QTY:1 FL/-/4/-/-/R/- Scale =.3125"/Ft.

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jan 24 08

TC LL	20.0 PSF	REF R8228- 50424
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024012
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28202
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

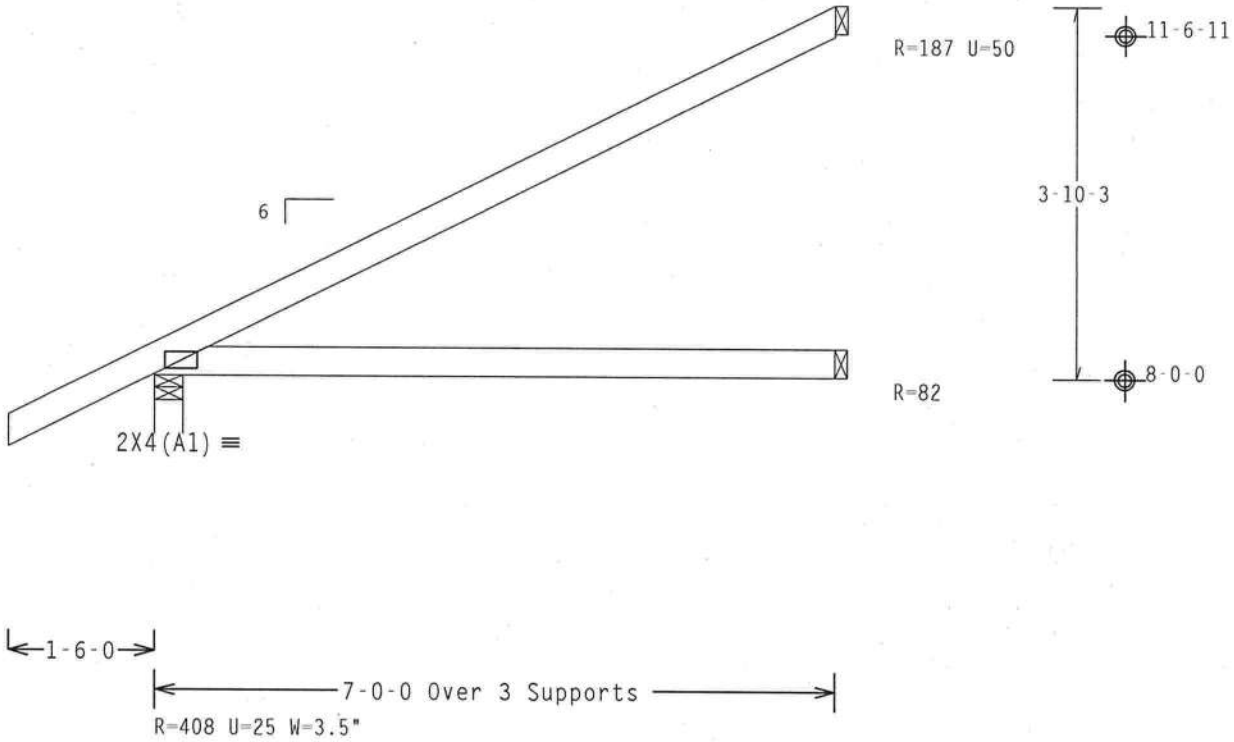
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

Provide (2) 0.162x3.5" 16d Common toe-nails at Top Chord.
Provide (2) 0.162x3.5" 16d Common toe-nails at Bottom Chord.

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

Wind reactions based on MWFRS pressures.



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

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

Jan 24 '08

TC LL	20.0 PSF	REF R8228- 50425
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024003
BC LL	0.0 PSF	HC-ENG TCE/AP *
TOT.LD.	40.0 PSF	SEQN- 64786
DUR.FAC.	1.25	FROM AH
SPACING	24.0"	JREF- 1TEF8228Z01

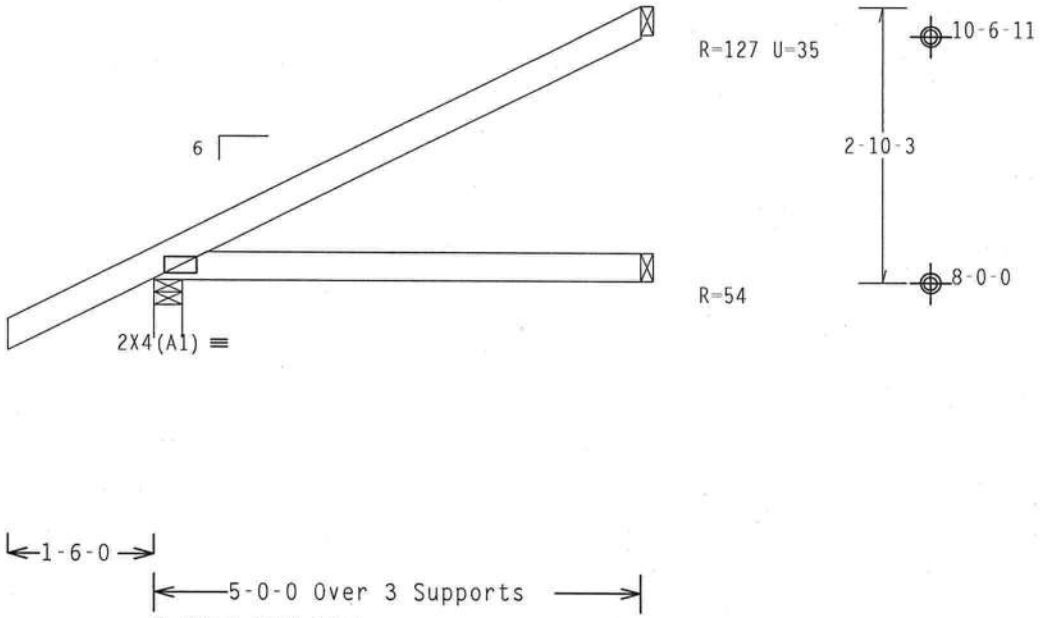
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.



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

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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JAMES F. COLLINS JR. LICENSE No. 52217 STATE OF FLORIDA PROFESSIONAL ENGINEER

Jan 24 08

TC LL	20.0 PSF	REF R8228- 50426
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024013
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28155
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

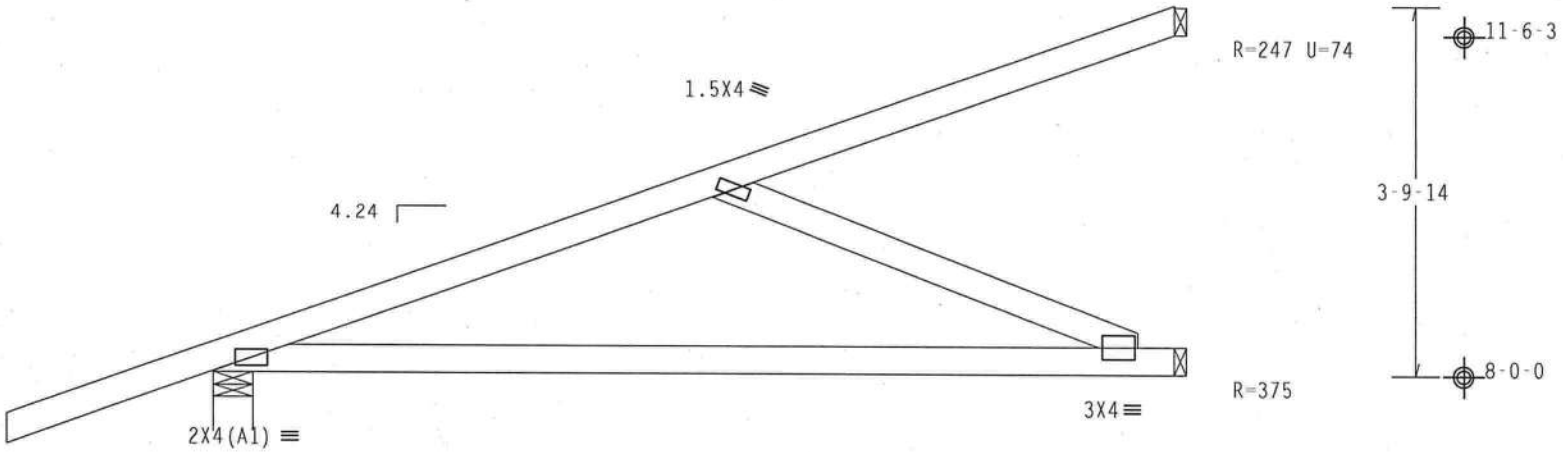
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

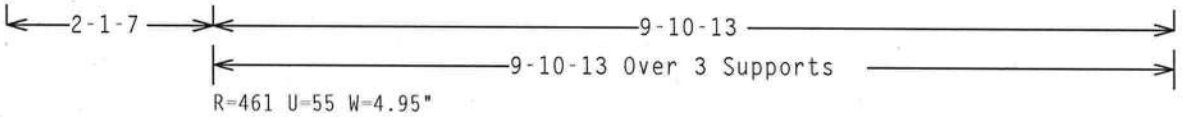
Hipjack supports 7-0-0 setback jacks with no webs.

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

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

Wind reactions based on MWFRS pressures.





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

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0.278

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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Jan 24 08

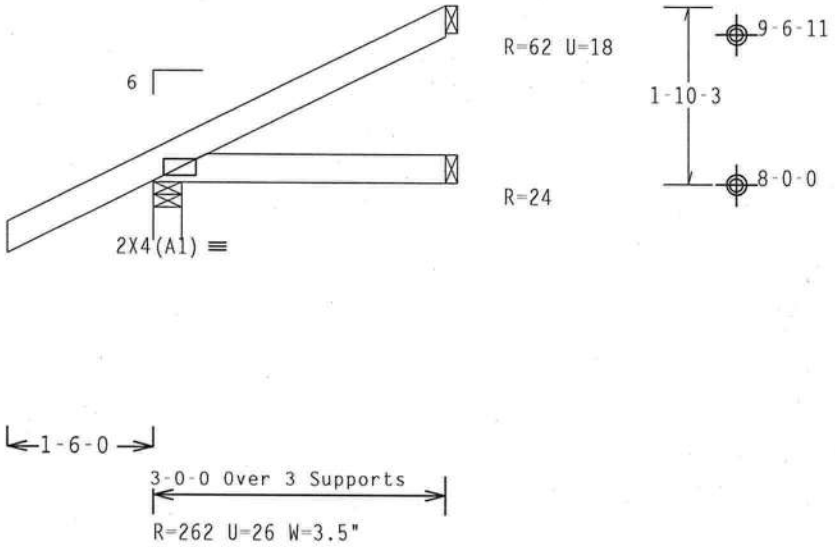
TC LL	20.0 PSF	REF R8228- 50427
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024017
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 28171
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

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

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

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

Wind reactions based on MWFRS pressures.



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

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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JAMES F. COLLINS, JR. LICENSE No 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jan 24 08

TC LL	20.0 PSF	REF R8228- 50428
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024001
BC LL	0.0 PSF	HC-ENG HM/AP *
TOT.LD.	40.0 PSF	SEQN- 21747
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - HJ5)

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

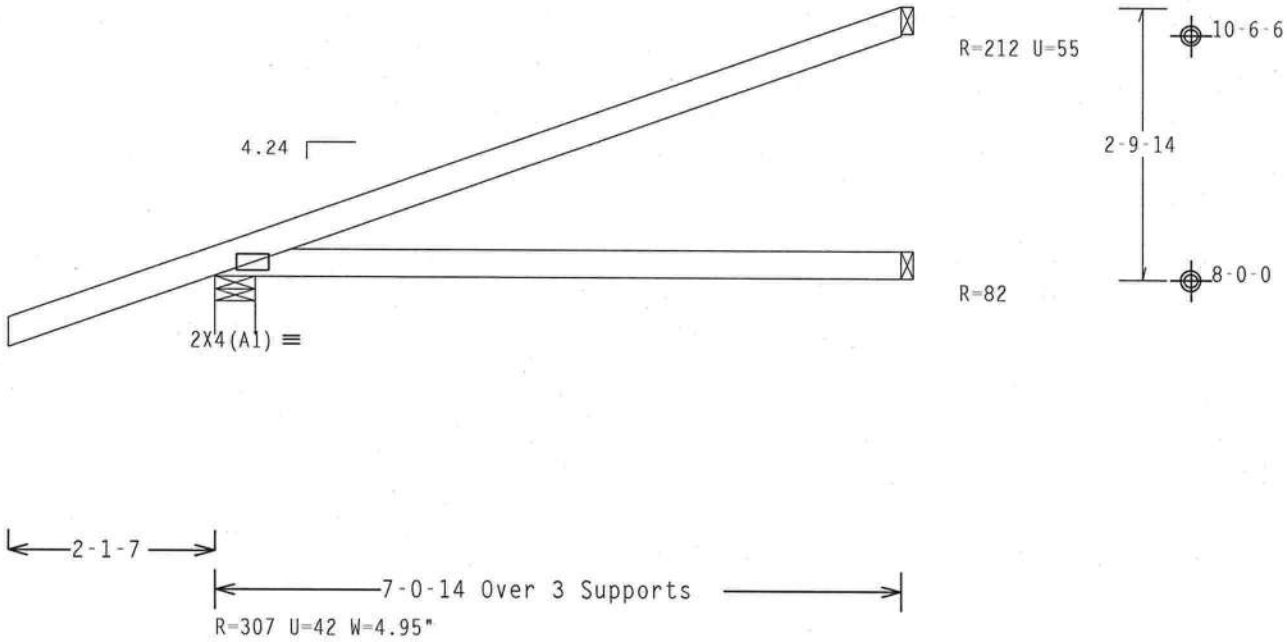
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

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

Wind reactions based on MWFRS pressures.



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

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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JAMES F. COLLINS, JR. LICENSE No. 52212 STATE OF FLORIDA PROFESSIONAL ENGINEER
Jan 24 08

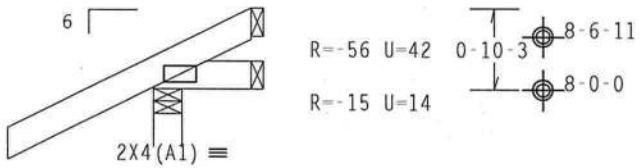
TC LL	20.0 PSF	REF R8228- 50429
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024018
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 28187
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

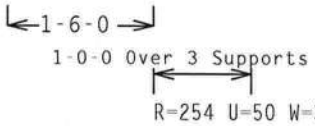
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense

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

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

Wind reactions based on MWFRS pressures.





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

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

Jan

TC LL	20.0 PSF	REF R8228- 50430
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024002
BC LL	0.0 PSF	HC-ENG HM/AP
TOT.LD.	40.0 PSF	SEQN- 21741
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

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

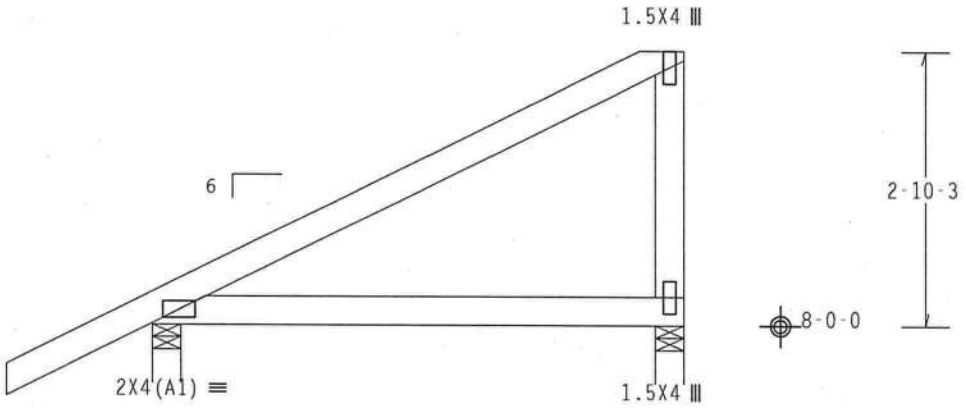
Wind reactions based on MWFRS pressures.

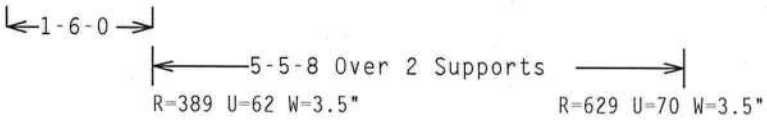
Roof overhang supports 2.00 psf soffit load.

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -1.50 to 62 PLF at 5.00
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 20 PLF at 0.00 to 20 PLF at 5.46
TC - 351 LB Conc. Load at 5.00
BC - 146 LB Conc. Load at 5.00

Right end vertical not exposed to wind pressure.

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





Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

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 # 0 278

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

TC LL	20.0 PSF	REF R8228- 50431
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024019
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 28296
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

(8-029--Fill in later TUSTENUGGEE -- , ** - EJ5)

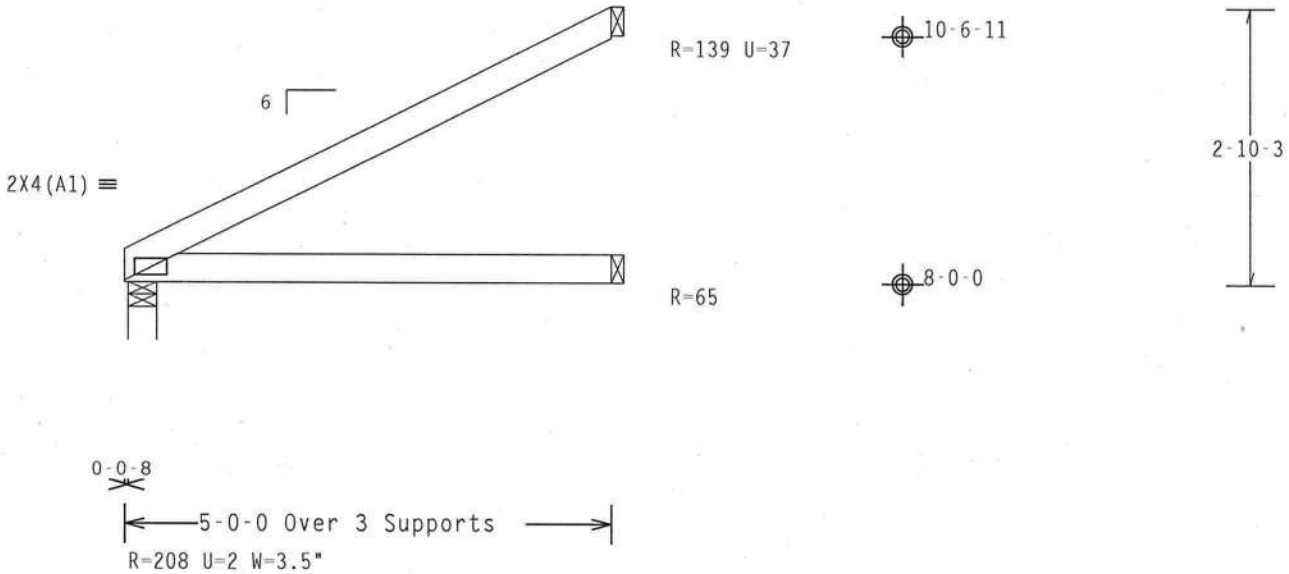
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS & DIMENSIONS) SUBMITTED BY TRUSS MFR.

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

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

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

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Cq/RT=1.00(1.25)/10(0) 7.36.0424.11

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 # 0 278

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

Jan

TC LL	20.0 PSF	REF R8228- 50432
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024016
BC LL	0.0 PSF	HC-ENG JB/AP
TOT.LD.	40.0 PSF	SEQN- 28192
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

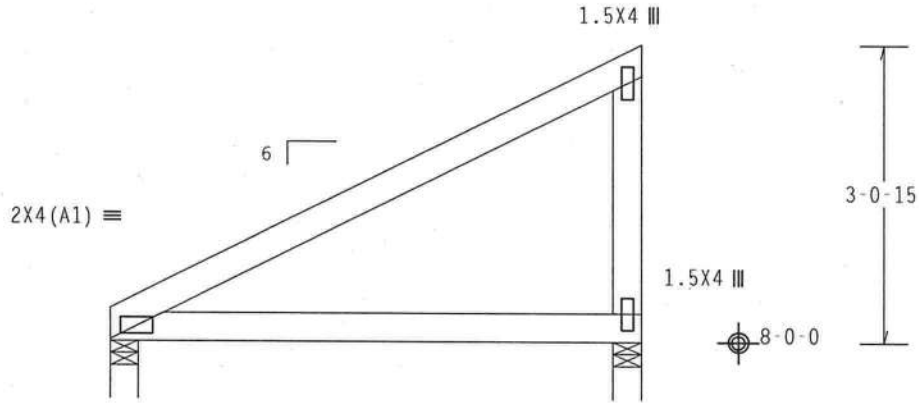
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



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

PLT TYP. Wave

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

ALPINE

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Haines City, FL 33844
FL Certificate of Authorization # 0 278

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

Jan 24 '08

TC LL	20.0 PSF	REF	R8228- 50433
TC DL	10.0 PSF	DATE	01/24/08
BC DL	10.0 PSF	DRW	HCUSR8228 08024014
BC LL	0.0 PSF		HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN-	28304
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1TEF8228Z01

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

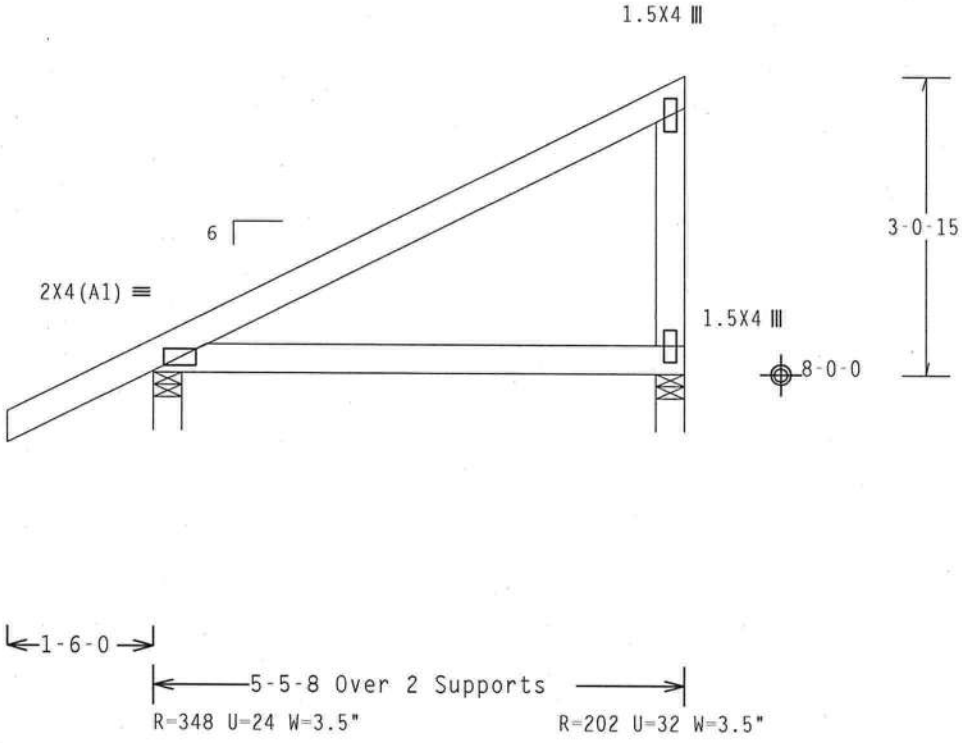
Roof overhang supports 2.00 psf soffit load.

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

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

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.



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

PLT TYP. Wave

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

ALPINE

ITW Building Components Group, Inc.
Haines City, FL 33844
FL Certificate of Authorization # 0 27

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 TPI1; OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W,H/SS/K) ASTM A653 GRADE 40/60 (W, K/H,SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLATES FOLLOWED BY (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

Jan 24 08

TC LL	20.0 PSF	REF R8228- 50434
TC DL	10.0 PSF	DATE 01/24/08
BC DL	10.0 PSF	DRW HCUSR8228 08024015
BC LL	0.0 PSF	HC-ENG JB/AP *
TOT.LD.	40.0 PSF	SEQN- 28300
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1TEF8228Z01

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.

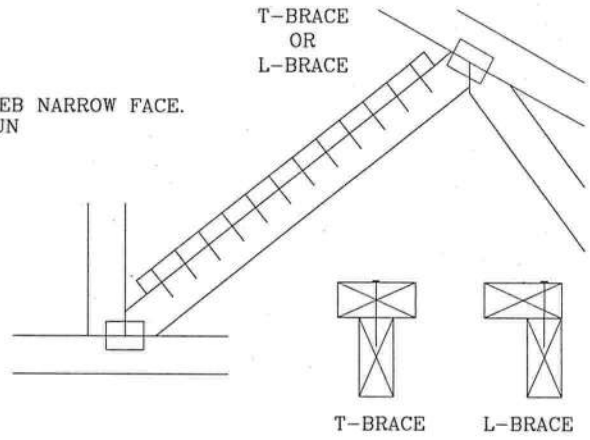
WEB MEMBER SIZE	SPECIFIED CLB BRACING	ALTERNATIVE BRACING T OR L-BRACE	ALTERNATIVE BRACING SCAB BRACE
2X3 OR 2X4	1 ROW	2X4	1-2X4
2X3 OR 2X4	2 ROWS	2X6	2-2X4
2X6	1 ROW	2X4	1-2X6
2X6	2 ROWS	2X6	2-2X4(*)
2X8	1 ROW	2X6	1-2X8
2X8	2 ROWS	2X6	2-2X6(*)

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.

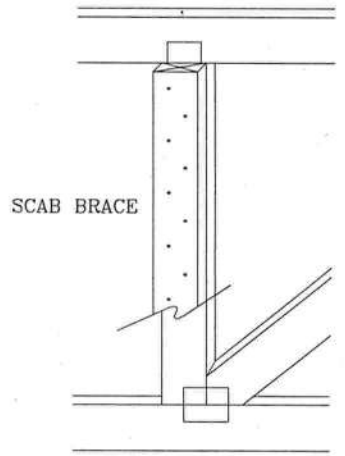
T-BRACING OR L-BRACING:

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 Jan 24 '08

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		

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST
FOR THE FLORIDA RESIDENTIAL BUILDING CODE 2004 with 2005 & 2006
Supplements and One (1) and Two (2) Family Dwellings

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current FLORIDA BUILDING CODES and the Current FLORIDA RESIDENTIAL CODE. ALL PLANS OR DRAWING SHALL PROVIDED 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 SPEEDS ARE PER FIGURE R301.2(4) of the Residential Code (Florida Wind speed map) **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

GENERAL REQUIREMENTS;

- Two (2) complete sets of plans containing the following:
- All drawings must be clear, concise and drawn to scale. details that are not used shall be marked void
- Condition space (Sq. Ft.) and total (Sq. Ft.) under roof shall be shown on the plans.
- Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents per FBC 106.1.

Site Plan information including:

- Dimensions of lot or parcel of land
- Dimensions of all building set backs
- Location of all other structures (include square footage of structures) on parcel. existing or proposed well and septic tank and all utility easements.
- Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required:

- Plans or specifications must meet state compliance with FRC Chapter 3
- The following information must be shown as per section FRC
- Basic wind speed (3-second gust), miles per hour
- Wind importance factor and nature of occupancy
- Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
- The applicable internal pressure coefficient, Components and Cladding The design wind pressure 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 Drawing including:

- All side views of the structure
- Roof pitch
- Overhang dimensions and detail with attic ventilation
- Location, size and height above roof of chimneys
- Location and size of skylights with Florida Product Approval
- Number of stories
- e) Building height from the established grade to the roofs highest peak

WOOD WALL FRAMING CONSTRUCTION FRC CHAPTER 6

- Stud type. grade. size, wall height and oc spacing for all load bearing or shear walls.
- Fastener schedule for structural members per table R602.3 (1) are to be shown.
- Show wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing
- Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems.
- Show sizes. type. span lengths and required number of support jack studs. king studs for shear wall opening and girder or header per FRC Table R502.5 (1)
- Indicate where pressure treated wood will be placed.
- Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas
- A detail showing gable truss bracing. wall balloon framing details or and wall hinge bracing detail

ROOF SYSTEMS:

- Truss design drawing shall meet section FRC R802.10 Wood trusses. Include a layout and truss details and be signed and sealed by Fl. Pro. Eng.
- Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters
- Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details
- Provide dead load rating of trusses

Conventional Roof Framing Layout Per FRC 802:

- Rafter and ridge beams sizes, span. species and spacing
- Connectors to wall assemblies' include assemblies' resistance to uplift rating.
- Valley framing and support details
- Provide dead load rating of rafter system.

ROOF SHEATHING FRC Table R602,3(2) FRC 803

- Include all materials which will make up the roof decking. identification of structural panel sheathing, grade. thickness and show fastener schedule for structural panel sheathing on the edges & intermediate areas

ROOF ASSEMBLIES FRC Chapter 9

- Include all materials which will make up the roof assembles covering; with Florida Product Approval numbers for each component of the roof assembles covering.

FCB Chapter 13 Florida Energy Efficiency Code for Building Construction

- Residential construction shall comply with this code by using the following compliance methods in the FBC Subchapter 13-6, Residential buildings compliance methods. Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area
- Show the insulation R value for the following areas of the structure: Attic space, Exterior wall cavity and Crawl space (if applicable)

HVAC information shown

- Manual J sizing equipment or equivalent computation
- Exhaust fans locations in bathrooms

Plumbing Fixture layout shown

- All fixtures waste water lines shall be shown on the foundation plan

Electrical layout shown including:

- Switches, outlets receptacles, lighting and all required GFCI outlets identified
- Ceiling fans
- Smoke detectors
- Service panel. sub-panel. location(s) and total ampere ratings

Floor Plan including:

- Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies and raised floor surfaces located more than 30 inches above the floor or grade
- All exterior and interior shear walls indicated
- Shear wall opening shown (Windows, Doors and Garage doors
- Emergency escape and rescue opening in each bedroom (net clear opening shown)
- Safety glazing of glass where needed
- Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FRC)
- Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FRC 311)
- Plans must show and identify accessibility of bathroom (see FRC 322)

All materials placed within opening or onto/into exterior shear walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

Foundation Plans Per FRC 403:

- a) Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.
- b) All posts and/or column footing including size and reinforcing
- c) Any special support required by soil analysis such as piling.
- d) Assumed load-bearing valve of soil_____ (psf)
- e) Location of horizontal and vertical steel, for foundation or walls (include # size and type)

CONCRETE SLAB ON GRADE Per FRC R506

- Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
- Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports

PROTECTION AGAINST TERMITES Per FRC 320:

- Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides

Masonry Walls and Stem walls (load bearing & shear Walls) FRC Section R606

- Show all materials making up walls, wall height, and Block size, mortar type
- Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

- Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer
- Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers
- Girder type, size and spacing to load bearing walls, stem wall and/or priers
- Attachment of joist to girder
- Wind load requirements where applicable
- Show required under-floor crawl space
- Show required amount of ventilation opening for under-floor spaces
- Show required covering of ventilation opening.
- Show the required access opening to access to under-floor spaces
- Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing
- Show Draft stopping, Fire caulking and Fire blocking
- Show fireproofing requirements for garages attached to living spaces, per FRC section R309
- Provide live and dead load rating of floor framing systems (psf).

- On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.
- Appliances and HVAC equipment and disconnects
- Arc Fault Circuits (AFCI) in bedrooms

- Notarized Disclosure Statement for Owner Builders

- Notice of Commencement Recorded (in the Columbia County Clerk Office) Notice Of Commencement is required to be filed with the building department Before Any Inspections Will Be Done.

Private Potable Water

- Size of pump motor
- Size of pressure tank
- Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

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

- 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.

- 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)

- 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

- 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. The permit cost is $50.00.

- 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.

- 911 Address: If the project is located in an area where the 911 address has been issued, then the proper Paper work from the 911 Addressing Departments must be submitted. (386) 758-1125

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. NOTIFICATION WILL BE GIVEN WHEN THE APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT.

Residential System Sizing Calculation

Summary

COLUMBIA DEVELOPERS, L.L.C.
-
-, FL S+S Construction

Project Title:
~~BROWN STREET MODEL~~
Tuskenugee Load

Code Only
Professional Version
Climate: North

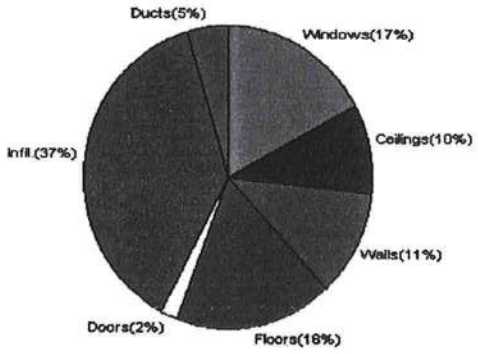
17-Jan-08

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature	31	F	Summer design temperature	93	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**25164**	**Btuh**	**Total cooling load calculation**	**25463**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	99.7	25100	Sensible (SHR = 0.75)	112.9	19050
Heat Pump + Auxiliary(5.0kW)	167.6	42165	Latent	73.9	6350
			Total (Electric Heat Pump)	99.8	25400

WINTER CALCULATIONS

Winter Heating Load (for 1203 sqft)

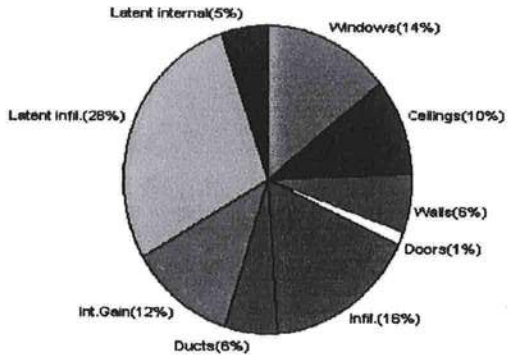
Load component			Load	
Window total	153	sqft	4341	Btuh
Wall total	819	sqft	2867	Btuh
Door total	38	sqft	523	Btuh
Ceiling total	1283	sqft	2438	Btuh
Floor total	143	ft	4519	Btuh
Infiltration	216	cfm	9279	Btuh
Subtotal			**23966**	**Btuh**
Duct loss			1198	Btuh
TOTAL HEAT LOSS			**25164**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1203 sqft)

Load component			Load	
Window total	153	sqft	3660	Btuh
Wall total	819	sqft	1589	Btuh
Door total	38	sqft	377	Btuh
Ceiling total	1283	sqft	2592	Btuh
Floor total			0	Btuh
Infiltration	208	cfm	4119	Btuh
Internal gain			3000	Btuh
Subtotal(sensible)			**15336**	**Btuh**
Duct gain			1534	Btuh
Total sensible gain			**16870**	**Btuh**
Latent gain(infiltration)			7214	Btuh
Latent gain(internal)			1380	Btuh
Total latent gain			**8594**	**Btuh**
TOTAL HEAT GAIN			**25463**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY: _____
DATE: 17 Jan 2008 08:27:05

Residential System Sizing Calculation

Summary

COLUMBIA DEVELOPERS, L.L.C.
-
-, FL

Project Title:
~~BROWN STREET MODEL~~
Tustenugee Road

Code Only
Professional Version
Climate: North

17-Jan-08

Location for weather data: Gainesville - Defaults: Latitude(29) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
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Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	39	F	Summer temperature difference	18	F
Total heating load calculation	**25164**	**Btuh**	**Total cooling load calculation**	**25463**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	99.7	25100	Sensible (SHR = 0.75)	112.9	19050
Heat Pump + Auxiliary(5.0kW)	167.6	42165	Latent	73.9	6350
			Total (Electric Heat Pump)	99.8	25400

WINTER CALCULATIONS

Winter Heating Load (for 1203 sqft)

Load component			Load	
Window total	153	sqft	4341	Btuh
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Door total	38	sqft	523	Btuh
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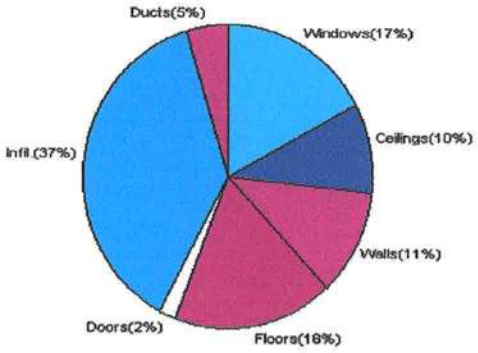
Floor total	143	ft	4519	Btuh
Infiltration	216	cfm	9279	Btuh
Subtotal			**23966**	**Btuh**
Duct loss			1198	Btuh
TOTAL HEAT LOSS			**25164**	**Btuh**



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Internal gain			3000	Btuh
Subtotal(sensible)			**15336**	**Btuh**
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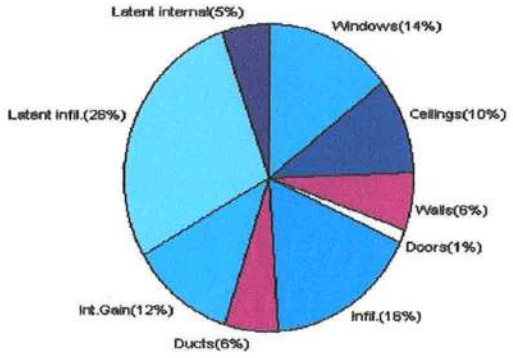
TOTAL HEAT GAIN			**25463**	**Btuh**



EnergyGauge® System Sizing based on ACCA Manual J.
PREPARED BY:
DATE: 17 Jan 2008 ACT005

System Sizing Calculations - Winter

Residential Load - Component Details

COLUMBIA DEVELOPERS, L.L.C.
-
-, FL

Project Title:
~~BROWN STREET MODEL~~
Tastennee Road

Code Only
Professional Version
Climate: North

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

17-Jan-08

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	N	30.0	28.3	849 Btuh
2	2, Clear, Metal, DEF	N	15.0	28.3	424 Btuh
3	2, Clear, Metal, DEF	E	15.0	28.3	424 Btuh
4	2, Clear, Metal, DEF	S	15.0	28.3	424 Btuh
5	2, Clear, Metal, DEF	S	9.0	28.3	255 Btuh
6	2, Clear, Metal, DEF	S	33.4	28.3	945 Btuh
7	2, Clear, Metal, DEF	W	6.0	28.3	170 Btuh
8	2, Clear, Metal, DEF	W	30.0	28.3	849 Btuh
	Window Total		153		4341 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	11.0	819	3.5	2866 Btuh
	Wall Total		819		2867 Btuh
Doors	Type		Area X	HTM=	Load
1	Wood - Exter		20	17.9	359 Btuh
2	Wood - Adjac		18	9.2	164 Btuh
	Door Total		38		523Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	22.0	1283	1.9	2438 Btuh
	Ceiling Total		1283		2438Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	143.0 ft(p)	31.6	4519 Btuh
	Floor Total		143		4519 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	9924(sqft)	66	2844 Btuh
	Mechanical			150	6435 Btuh
	Infiltration Total			216	9279 Btuh

Totals for Heating	**Subtotal**	**23966 Btuh**
	Duct Loss(using duct multiplier of 0.05)	**1198 Btuh**
	Total Btuh Loss	**25164 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)

System Sizing Calculations - Summer

Residential Load - Component Details

COLUMBIA DEVELOPERS, L.L.C.
-
-, FL

Project Title:
~~BROWN STREET MODEL~~
Tuskenggee Road

Code Only
Professional Version
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 18.0 F 17-Jan-08

	Type		Overhang		Window Area(sqft)			HTM		Load	
Window	Panes/SHGC/U/InSh/ExSh	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, B, N	N	1.5	5.5	30.0	0.0	30.0	15	15	450	Btuh
2	2, Clear, DEF, B, N	N	6.5	5.5	15.0	0.0	15.0	15	15	225	Btuh
3	2, Clear, DEF, B, N	E	1.5	5.5	15.0	0.0	15.0	15	46	690	Btuh
4	2, Clear, DEF, B, N	S	1.5	5.5	15.0	15.0	0.0	15	24	225	Btuh
5	2, Clear, DEF, B, N	S	1.5	3.5	9.0	9.0	0.0	15	24	135	Btuh
6	2, Clear, DEF, B, N	S	1.5	7.33	33.4	33.4	0.0	15	24	501	Btuh
7	2, Clear, DEF, B, N	W	1.5	3.5	6.0	0.5	5.5	15	46	261	Btuh
8	2, Clear, DEF, B, N	W	1.5	5.5	30.0	6.7	23.3	15	46	1172	Btuh
	Window Total				153					3660	Btuh

Walls	Type	R-Value	Area	HTM	Load	
1	Frame - Exterior	11.0	819.0	1.9	1589	Btuh
	Wall Total		819.0		1589	Btuh

Doors	Type	Area	HTM	Load	
1	Wood - Exter	20.0	10.0	200	Btuh
2	Wood - Adjac	17.8	10.0	178	Btuh
	Door Total	37.8		377	Btuh

Ceilings	Type/Color	R-Value	Area	HTM	Load	
1	Under Attic/Dark	22.0	1283.0	2.0	2592	Btuh
	Ceiling Total		1283.0		2592	Btuh

Floors	Type	R-Value	Size	HTM	Load	
1	Slab-On-Grade Edge Insulation	0.0	143.0 ft(p)	0.0	0	Btuh
	Floor Total		143.0		0	Btuh

Infiltration	Type	ACH	Volume	CFM=	Load	
	Natural	0.35	9924	58.0	1149	Btuh
	Mechanical			150	2970	Btuh
	Infiltration Total			208	4119	Btuh

Internal gain	Occupants	Btuh/occupant		Appliance	Load	
	6	X 300	+	1200	3000	Btuh

Totals for Cooling	**Subtotal**	**15336**	**Btuh**
	Duct gain(using duct multiplier of 0.10)	**1534**	**Btuh**
	Total sensible gain	**16870**	**Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	**7214**	**Btuh**
	Latent occupant gain (6 people @ 230 Btuh per person)	**1380**	**Btuh**
	Latent other gain	**0**	**Btuh**
	TOTAL GAIN	**25463**	**Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

COLUMBIA DEVELOPERS, L.L.C.
-
-, FL

Project Title:
~~BROWN STREET MODEL~~
Tuskmuggee Road

Code Only
Professional Version
Climate: North

17-Jan-08

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

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

12 MAY 2008

JOHNNY KEARSE, BUILDING OFFICIAL
COLUMBIA COUNTY, BUILDING DEPT.
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: 2K803 HOUSE FOR MILTON SMITH
PERMIT Nr.: 26806

DEAR SIR:

PLEASE BE ADVISED OF THE FOLLOWING CHANGES TO THE CONSTRUCTION DOCUMENTS FOR THE ABOVE REFERENCED PROJECT:

1. IN LIEU OF THE MATERIALS AND METHODS AS DETAILED IN THE CONSTRUCTION DOCUMENTS, FOLLOWING ARE APPROVED CHANGES:

   a) SHEATH WALLS WITH 48" X 96" X 7/16" OSB, FASTENED TO THE WALL FRAMING AS INDICATED IN THE PLANS.

   b) STRAP THE PLATES TO THE VERTICAL STUDS WITH "SIMPSON" SP4 STRAPS TOP & BOTTOM @ 48" O.C.

   c) ANCHOR SILL PLAT TO FOUNDATION WITH 1/2"ϕ ANCHOR BOLTS @ 48" O.C.

   d) ANCHOR ROOF TRUSSES TO WALL PLATE WITH "SIMPSON" H2.5a ANCHORS, EACH TRUSS, EACH END.

SHOULD YOU HAVE ANY FURTHER QUESTIONS WITH THIS, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

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 20-4S-17-08606-004 **Building permit No.** 000026806

Use Classification SFD,UTILITY **Fire:** 19.26

Permit Holder GERALD SMITH **Waste:** 50.25

Owner of Building BILL ALDERSON **Total:** 69.51

Location: 167 SW AMISTAD GLEN, LAKE CITY, FL

Date: 07/11/2008

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)