

DATE 01/28/2009

Columbia County Building Permit
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000027601

APPLICANT ANDREW SCHREIDER PHONE 623-6066
ADDRESS 236 SW COATS GLEN LAKE CITY FL 32024
OWNER ANDREW SCHREIDER PHONE 623-6066
ADDRESS 236 SW COATS GLEN LAKE CITY FL 32024
CONTRACTOR OWNER BUILDER PHONE
LOCATION OF PROPERTY 47 S, L WESTER RD, L COATS GLEN, TO END OF STREET LOT ON RIG

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 63200.00
HEATED FLOOR AREA 1240.00 TOTAL AREA 1264.00 HEIGHT 16.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING AG-3 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 06-5S-17-09129-021 SUBDIVISION
LOT BLOCK PHASE UNIT TOTAL ACRES 1.07

000001704
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
WAIVER 09-0039E BK HD N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, SECT. 2.3.1 LEGAL LOT OF RECORD

Check # or Cash 937

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 \$ 320.00 CERTIFICATION FEE \$ 6.32 SURCHARGE FEE \$ 6.32
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ TOTAL FEE 407.64
INSPECTORS OFFICE CLERKS OFFICE

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 PROGRESS 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.

Columbia County Building Permit Application

clt# 937
clt# 938 50.00

For Office Use Only Application # 0901-29 Date Received 1/20 By JW Permit # 1704/27601
Zoning Official BLK Date 23.01.09 Flood Zone X Land Use A-3 Zoning A-3
FEMA Map # N/A Elevation N/A MFE 1st floor River N/A Plans Examiner HD 1-21-09 Date _____
Comments Sech 2.3.1 Legal Lot of Deed
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
School NA = TOTAL Exempt - Existing Dwelling Existing Well

Septic Permit No. 09-0039E Fax _____
Name Authorized Person Signing Permit Andrew Schneider Phone 386-623-6066
Address 4445 SW 35th Terrace Ste 120 Gainesville, FL 32608
Owners Name Andrew Schneider Phone 386-623-6066
911 Address 236 SW Coats Glen Lake City FL 32024
Contractors Name Owner-Builder Andrew Schneider Phone 386-623-6066
Address 4445 SW 35th Terrace Ste 120 Gainesville, FL 32608
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Will Myers/Nick Geisler
Mortgage Lenders Name & Address NA

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

Property ID Number 06-55-17-09129-021 Estimated Cost of Construction 65K
Subdivision Name NA Lot _____ Block _____ Unit _____ Phase _____
Driving Directions SR 47, L on Wester Rd, L on Coats Glen, to end of street, lot on R

Number of Existing Dwellings on Property 0
Construction of Single Family dwelling Total Acreage 1.07 Lot Size 1.07
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 16'
Actual Distance of Structure from Property Lines - Front 42' Side 116' Side 75' Rear 65'
Number of Stories 1 Heated Floor Area 1240 Total Floor Area 1264 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 Andrew

1/26/09

Columbia County Building Permit Application

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN 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 other 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 for 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.

X 
Owners Signature

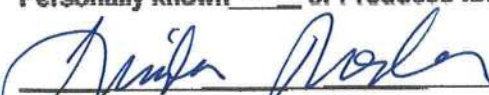
NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission # DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

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.

X 
Contractor's Signature (Permitee)

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

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 16 day of Jan 2009
Personally known ☒ or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL:

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission # DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

09-0039E

STATE OF FLORIDA
DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES
ONSITE SEWAGE DISPOSAL SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT
Authority: Chapter 381, FS & Chapter 10D-6, FAC

PERMIT #
DATE PAID
FEE PAID \$
RECEIPT #
CR #

908325
1/20/09
135.00
1093723
08-4548

APPLICATION FOR:

☐ New System ☒ Existing System ☐ Holding Tank ☐ Temporary/Experimental System
☐ Repair ☐ Abandonment ☒ Other (Specify) EXISTING SYSTEM INSPECTION

APPLICANT: ANDREW SCHNEIDERTELEPHONE: 386-623-6066AGENT: NORTH FLORIDA PERMIT SERVICESMAILING ADDRESS: 387 SW KEMP COURT CITY: LAKE CITY STATE: FL ZIP: 32024

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. ATTACH BUILDING PLAN AND TO-SCALE SITE PLAN SHOWING PERTINENT FEATURES REQUIRED BY CHAPTER 10D-6, FLORIDA ADMINISTRATIVE CODE.

PROPERTY INFORMATION [IF LOT IS NOT IN A RECORDED SUBDIVISION, ATTACH LEGAL DESCRIPTION OR DEED]

LOT: _____ BLOCK: _____ SUBDIVISION: MEETS & BOUNDS DATESUBD: _____PROPERTY ID #: 06-5S-17-09129-021 [Section/Township/Range/Parcel] ZONING: _____PROPERTY SIZE: 1.07 ACRES [Soft/435601] PROPERTY WATER SUPPLY: ☒ PRIVATE ☐ PUBLICPROPERTY STREET ADDRESS: 236 SW COATS GLEN Lake City FL 32024DIRECTIONS TO PROPERTY: STATE ROAD 47, TL ON WESTER ROAD, TL ON COATS GLEN, TO END ON RIGHT

BUILDING INFORMATION

☒ RESIDENTIAL☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	# Persons Served	Business Activity For Commercial Only
1	HOUSE	3	1240	4	
2					
3					
4					

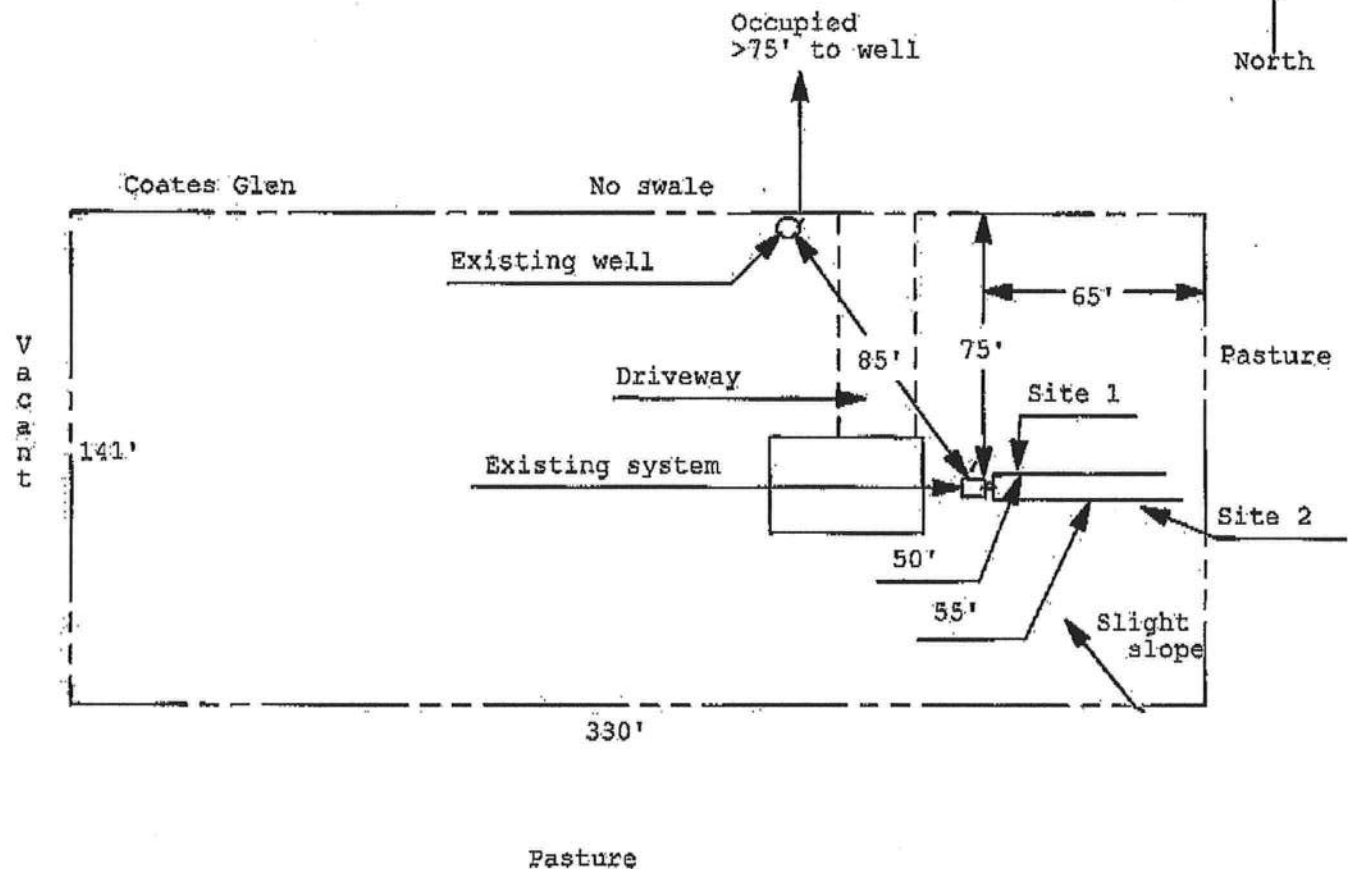
☐ Garbage Grinders/Disposals☐ Spas/Hot Tubs☐ Floor/Equipment Drains☐ Ultra-low Volume Flush Toilets☐ Other (Specify) _____APPLICANT'S SIGNATURE: [Signature]DATE: 1-16-09

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

Permit Application Number: 09-0039E

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

SCHNEIDER/CR 08-4548



1 inch = 50 feet

Site Plan Submitted By Paul L. Lander Date 1/14/09
 Plan Approved ☒ Not Approved ☐ Date 1-28-09
 By Mark S. Lander Env Mgr Co. Co CPHU

Notes: _____



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

NOTARIZED DISCLOSURE STATEMENT

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

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

I understand that if I am not physically doing the work or physically supervising free labor from friends or relatives, that I must hire licensed contractors, i.e. electrician, plumber, mechanical (heating & air conditioning), etc. I further understand that the violation of not physically doing the work, and the use of unlicensed contractors at the construction site, will cause the project to be shut down by the inspection staff of the Columbia County Building Department. Additionally, state statutes allows for additional penalties. I also understand that if this violation does occur, that in order for the job to proceed, I will have a licensed contractor come in and obtain a new permit as taking the job over. I understand that if I hire subcontractors under a contract price, that they must be licensed to work in Columbia County, i.e. masonry, drywall, carpentry. Contractors licensed by the Columbia County Contractor Licensing Section or the State of Florida are required to have worker's compensation and liability coverage.

TYPE OF CONSTRUCTION

☒ Single Family Dwelling

☐ Other _____

☐ Two-Family Residence

☐ Farm Outbuilding

☐ Addition, Alteration, Modification or other Improvement

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

[Signature]
Owner Builder Signature

11/3/09
Date

FLORIDA NOTARY

The above signer is personally known to me or produced identification

Notary Signature *[Signature]*

Date

1-16-09

NOTARY PUBLIC STATE OF FLORIDA

[Signature]
Linda R. Roder
Commission #DD757408
Expires R. 2
BONDED THRU ATLANTIC BONDING COMPANY

FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7). Date 1-16-09 Building Official/Representative *[Signature]*

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 06-55-17-09129-021

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: 236 SW Coats Glen Lake City FL 32024

2. General description of improvements: Single family dwelling

3. Owner Information

a) Name and address: Andrew Schneider 4445 SW 35th Terrace Ste 120

b) Name and address of fee simple titleholder (if other than owner) Gainesville, FL 32608

c) Interest in property owner

4. Contractor Information

a) Name and address: owner-builder Andrew Schneider

b) Telephone No.: _____ Fax No. (Opt.) _____

5. Surety Information

a) Name and address: NA

b) Amount of Bond: _____

c) Telephone No.: _____ Fax No. (Opt.) _____

6. Lender

a) Name and address: NA

b) Phone No.: _____

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: _____

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: _____

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

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission #DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

Andrew Schneider
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
Andrew Schneider
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 16 day of Jan, 2009, by:

as _____

(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 Linda R. Roder

Notary Stamp or Seal:

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.

Andrew Schneider
Signature of Natural Person Signing (in line #10 above.)

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission #DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

Prepared by & Return to:
Matthew D. Rocco
Sierra Title, LLC
619 SW Baya Drive, Suite 102
Lake City, Florida 32025

File Number: 08-0129

Inst 200812009983 Date: 5/22/2008 Time: 2:54 PM
Doc Stamp-Deed 126.00
DC, P DelWitt Cason, Columbia County Page 1 of 1 B 1150 P: 2797

General Warranty Deed

Made this May ^{2nd} 30, 2008 A.D. By **John William Oliver, a single man**, whose post office address is: 236 SW Coates Glen, Lake City, Florida, hereinafter called the grantor, to **Andrew P. Schneider, a married man**, whose post office address is: 4445 SW 35th Terrace, Ste 120, Gainesville FL 32608, 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 Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Parcel No. 6 The South 141.05 feet of the North 332.10 feet of the West 330.00 feet of the East 660.00 feet of the Northwest one-quarter of the Northeast one-quarter, Section 6, Township 5 South, Range 17 East, Columbia County, Florida.

Parcel ID Number: 175S06-09129-021

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, 2007.

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 Matthew D. Rocco

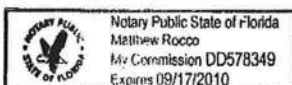

John William Oliver (Seal)
Address: 236 SW Coates Glen, Lake City, Florida


Witness Printed Name MELINDA WEAVER

(Seal)
Address:

State of FLORIDA
County of COLUMBIA

The foregoing instrument was acknowledged before me this ^{2nd} 30 day of May, 2008, by John William Oliver, who is/are personally known to me or who has produced Andrew P. Schneider as identification.

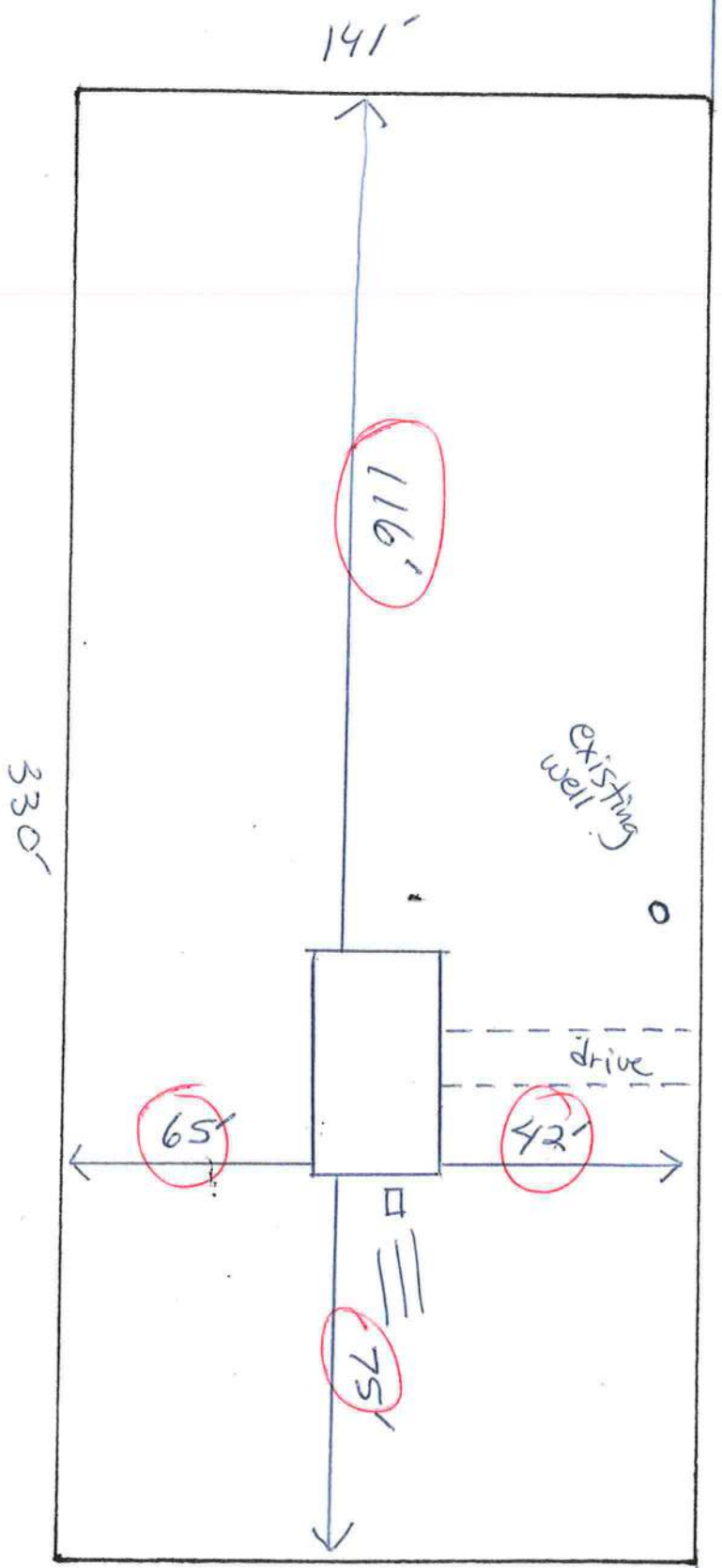



Notary Public
Print Name: _____
My Commission Expires: _____

Andrew Schneider
06-55-17-09129-021
1.07 acres



SW Coats Glen



OWNER IMPACT FEE OCCUPANCY AFFIDAVIT

**STATE OF FLORIDA
COUNTY OF COLUMBIA**

BEFORE ME, the undersigned authority, personally appeared ANDREW SCHNEIDER
("Owner"), who, after being duly sworn, deposes and says:

1. Except as otherwise stated herein, Affiant has personal knowledge of the facts and matters set forth in this affidavit.

2. Affiant is the owner of the following described real property located in Columbia County, Florida, (herein "the property"):

(a) Parcel No.: 06-55-17-09129-021
(b) Legal description (may be attached): _____

3. Affiant has or will apply to the Columbia County Building Department for a building permit for the replacement of a building or dwelling unit on the property where no additional square footage or dwelling units will be created and will be located on the same property.

4. Either based upon Affiant's personal knowledge or the attached signed written statement of another person, a certificate of occupancy has been issued for the replacement building or dwelling on the property within seven (7) years of the date the previous building or dwelling unit was previously occupied. The building or dwelling unit was last occupied on MARCH 2008.

5. This affidavit is given for the purpose of obtaining an exemption pursuant to Article VIII, Section 8.01, Columbia County Comprehensive Impact Fee Ordinance No. 2007-40, adopted October 18, 2007, as may be amended.

Further Affiant sayeth naught.

NOTARY PUBLIC-STATE OF FLORIDA
Linda R. Roder
Commission #DD755608
Expires: MAR. 24, 2012
BONDED THRU ATLANTIC BONDING CO., INC.

X Andrew Schneider
Print: ANDREW SCHNEIDER

Address: 4445 SW 35th TER STE 120

GAINESVILLE FL 32608

SWORN TO AND SUBSCRIBED before me this 16 day of JAN, 2008 by
_____ who is personally known to me or who has produced
_____ as identification.

(NOTARIES SEAL)

Linda Roder
Notary Public, State of Florida

My Commission Expires:

084-10027 kw

This instrument prepared by:
Union Planters Mortgage, Inc.
215 Forrest Street
Hattiesburg, MS 39401

Inst: 2003023689 Date: 10/31/2003 Time: 15:39
Doc Stamp-Deed : 35.00
YKK DC, P. Dewitt Cason, Columbia County B:998 P:2337

Property Appraisers Parcel No 09129-021

SPECIAL WARRANTY DEED

THIS SPECIAL WARRANTY DEED made this 28th day of October, 2003 by

UNION PLANTERS BANK, N.A.

A NATIONAL corporation, hereinafter called Grantor to:

HARRY OLIVER, a single man,

Hereinafter called Grantee, and whose post office address is:
RT 9 BOX 3670, LAKE CITY, F

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 into the Grantee all that certain land situate in COLUMBIA County, Florida, viz:

PARCEL NUMBER 6

THE SOUTH 141.05 FEET OF THE NORTH 332.10 FEET OF THE WEST 330.00 FEET OF THE EAST 660.00 FEET OF THE NORTH WEST ONE QUARTER OF THE NORTHEAST ONE QUARTER, SECTION 6, TOWNSHIP 5 SOUTH, RANGE 17 EAST, LESS AND EXCEPT AN UNDIVIDED (50%) FIFTY PER CENT OF ALL MINERALS AND MINERAL RIGHTS.

TOGETHER WITH A PERMANENTLY AFFIXED 1977 24 X 66 GUERDON MOBILE HOME SERIAL #GDLCL1770645A&B

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in any wise appertaining.

AND THE GRANTOR, DOES HEREBY CONVEYANT with the Grantee, except as above-noted, that, at the time of the delivery of this Deed, the premises were free from all encumbrances made by it, and that it will warrant and defend the same against the lawful claims and demands of all persons claiming, by, through, or under it, but against none other.

GRANTOR makes no representation or warranties of any kind or character expressed or implied as to the condition of the material and workmanship in the dwelling house located on said property. The Grantees have inspected and examined the property and are purchasing same based on no representation or warranties expressed or implied, made by Grantor, but on their own judgment.

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.

Witnessed By:

Witness Print Name: Jane Evans
Witness Print Name: Debbie Simmons

State of Mississippi
County of Forrest



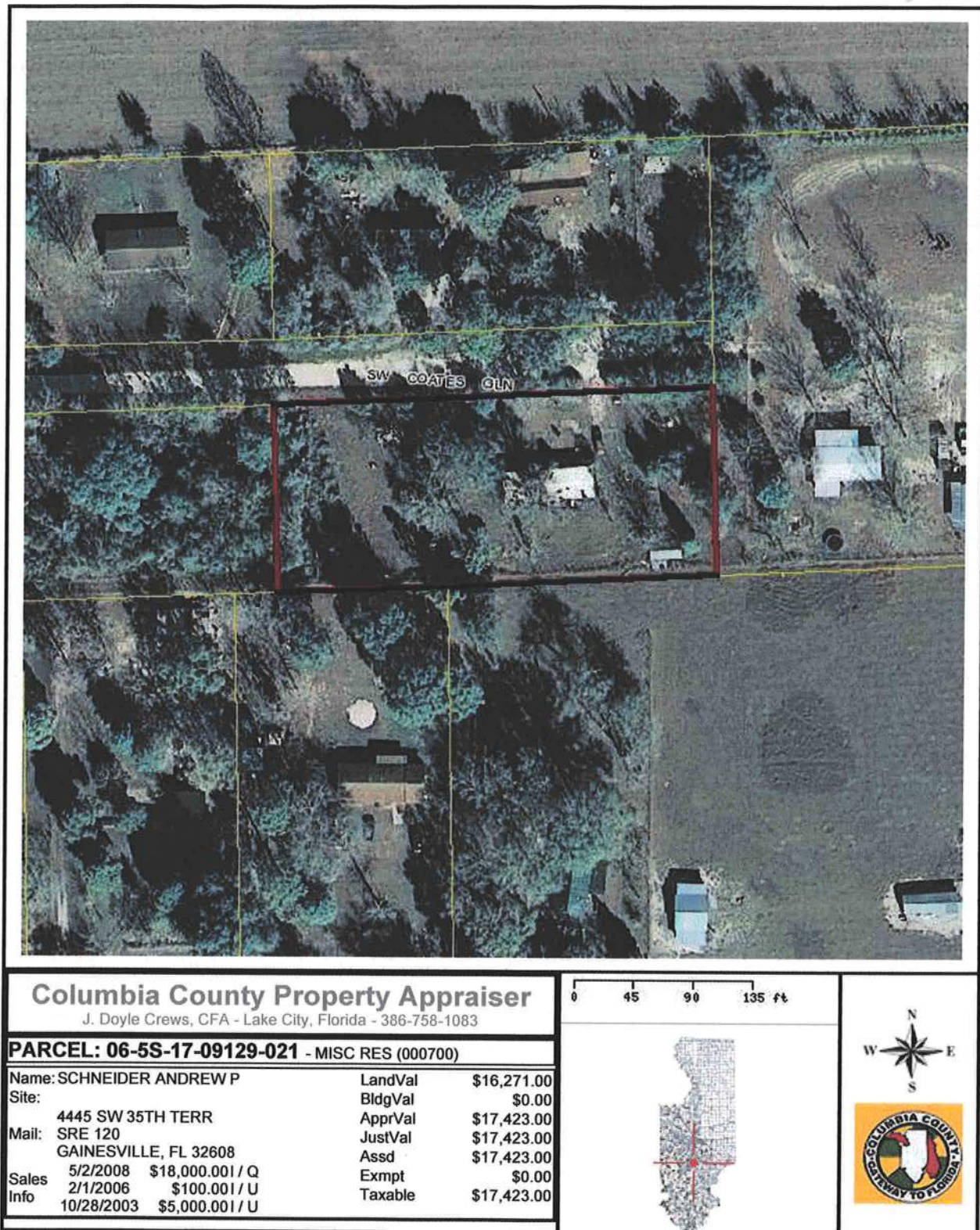
Union Planters Bank, N.A.

Executive Vice President

This Instrument was acknowledged before me this 28th day of October, 2003 before me personally appeared Morgan McCarty, who acknowledged himself to be Executive Vice President of Union Planters Bank.

Notary Public

My commission will expire MY COMMISSION EXPIRES MAY 20, 2007



This information, GIS Map Updated: 1/12/2009, 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.

WARRANTY DEED
ISSUED TO INDIVID

HAMCO FORM 01

This Warranty Deed made the 3rd day of June

A. D. 19 86

Larry G. Stephens and Bonnie M. Stephens, his wife

hereinafter called the grantor, to Larry Owens and Janelle Owens, his wife

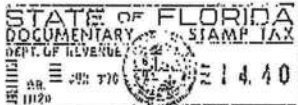
whose postoffice address is Post Office Box 493, Lake City, Florida 32055
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of 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, alien, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Parcel Number 6, further described as:

The South 141.05 feet of the North 332.10 feet of the West 330.00 feet of the East 660.00 feet, of the Northwest one-quarter of the Northeast one-quarter, section 6, Township 5 South, Range 17 East, LESS AND EXCEPT and undivided fifty (50%) per cent of all minerals and mineral rights, containing 1.07 acres, more or less.



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

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, 1975.

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:

Larry G. Stephens
Bonnie M. Stephens

Larry G. Stephens
Bonnie M. Stephens

STATE OF FLORIDA
COUNTY OF LEON

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared Larry G. Stephens and Bonnie M. Stephens, his wife

to me known to be the person described in and who executed the foregoing instrument and have acknowledged before me that they executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 3rd day of June, A. D. 19 76

Larry G. Stephens
Bonnie M. Stephens

Notary Public, expires 1-13-79
 Notary Commission prepared by: Bonnie M. Stephens
 2147 Harriett Drive
 Tallahassee, Florida 32303

OFFICIAL RECORDS

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **Schneider House**
Address: **SW COATS GLEN**
City, State: **LAKE CITY, FL 32055-**
Owner: **Andrew Schneider**
Climate Zone: **North**

Builder: **N/A**
Permitting Office: **Columbia County**
Permit Number: **27601**
Jurisdiction Number: **21550**

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 3 ☐
5. Is this a worst case? No ☐
6. Conditioned floor area (ft²) 1240 ft² ☐
7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default)
 - a. U-factor: Description Area
(or Single or Double DEFAULT) 7a. (Dble Default) 213.5 ft² ☐
 - b. SHGC:
(or Clear or Tint DEFAULT) 7b. (Clear) 213.5 ft² ☐
8. Floor types
 - a. Slab-On-Grade Edge Insulation R=5.0, 142.7(p) ft ☐
 - b. N/A ☐
 - c. N/A ☐
9. Wall types
 - a. Frame, Wood, Exterior R=13.0, 887.8 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
 - d. N/A ☐
 - e. N/A ☐
10. Ceiling types
 - a. Under Attic R=30.0, 1364.0 ft² ☐
 - b. N/A ☐
 - c. N/A ☐
11. Ducts(Leak Free)
 - a. Sup: Unc. Ret: Unc. AH: Attic Sup. R=6.0, 124.0 ft ☐
 - b. N/A ☐

12. Cooling systems
 - a. Central Unit Cap: 34.0 kBtu/hr ☐
SEER: 13.00 ☐
 - b. N/A ☐
 - c. N/A ☐
13. Heating systems
 - a. Electric Heat Pump Cap: 34.0 kBtu/hr ☐
HSPF: 7.70 ☐
 - b. N/A ☐
 - c. N/A ☐
14. Hot water systems
 - a. Electric Resistance Cap: 50.0 gallons ☐
EF: 0.90 ☐
 - b. N/A ☐
 - c. Conservation credits
(HR-Heat recovery, Solar
DHP-Dedicated heat pump) ☐
15. HVAC credits PT, ☐
(CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating)

Glass/Floor Area: 0.17

Total as-built points: 18800

Total base points: 19212

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: 1/8/09

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

OWNER/AGENT: *[Signature]*DATE: 1-19-09

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

BUILDING OFFICIAL: _____

DATE: _____



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

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**ADDRESS: **SW COATS GLEN, LAKE CITY, FL, 32055-**

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1240.0	18.59	4149.0	1.Double, Clear	E	1.5	8.0	37.5	42.06	0.96	1510.0
				2.Double, Clear	E	1.5	8.0	30.0	42.06	0.96	1208.0
				3.Double, Clear	N	1.5	8.0	20.0	19.20	0.97	371.0
				4.Double, Clear	W	1.5	8.0	30.0	38.52	0.96	1107.0
				5.Double, Clear	W	1.5	8.0	6.0	38.52	0.96	221.0
				6.Double, Clear	N	1.5	8.0	30.0	19.20	0.97	557.0
				7.Double, Clear	S	1.5	8.0	60.0	35.87	0.92	1986.0
								As-Built Total:			213.5
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior	13.0		887.8	1.50		1331.7	
Exterior	887.8	1.70	1509.3								
Base Total:		887.8	1509.3	As-Built Total:		887.8		1331.7			
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	0.0	0.00	0.0	1.Exterior Insulated	40.0 4.10 164.0						
Exterior	40.0	6.10	244.0								
Base Total:		40.0	244.0	As-Built Total:		40.0		164.0			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1240.0	1.73	2145.2	1. Under Attic	30.0		1364.0	1.73 X 1.00		2359.7	
Base Total:		1240.0	2145.2	As-Built Total:		1364.0		2359.7			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	142.7(p)	-37.0	-5278.8	1. Slab-On-Grade Edge Insulation	5.0		142.7(p)	-36.20		-5164.7	
Raised	0.0	0.00	0.0								
Base Total:		-5278.8		As-Built Total:		142.7		-5164.7			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
		1240.0	10.21					1240.0	10.21	12660.4	

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**ADDRESS: **SW COATS GLEN, LAKE CITY, FL, 32055-**

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 15429.1				Summer As-Built Points: 18311.2						
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
15429.1	0.3250		5014.4	(sys 1: Central Unit 34000btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Att(AH),R6.0(INS) 18311	1.00	(1.09 x 1.000 x 1.11)	0.260	0.950		5472.2
				18311.2	1.00	1.210	0.260	0.950		5472.2

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: SW COATS GLEN, LAKE CITY, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1240.0	20.17	4502.0	1.Double, Clear	E	1.5	8.0	37.5	18.79	1.02	718.0
				2.Double, Clear	E	1.5	8.0	30.0	18.79	1.02	574.0
				3.Double, Clear	N	1.5	8.0	20.0	24.58	1.00	491.0
				4.Double, Clear	W	1.5	8.0	30.0	20.73	1.01	628.0
				5.Double, Clear	W	1.5	8.0	6.0	20.73	1.01	125.0
				6.Double, Clear	N	1.5	8.0	30.0	24.58	1.00	737.0
				7.Double, Clear	S	1.5	8.0	60.0	13.30	1.04	830.0
				As-Built Total:				213.5		4103.0	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	1. Frame, Wood, Exterior	13.0		887.8	3.40	3018.5		
Exterior	887.8	3.70	3284.9								
Base Total:		887.8	3284.9	As-Built Total:				887.8	3018.5		
DOOR TYPES Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	0.0	0.00	0.0	1.Exterior Insulated			40.0	8.40	336.0		
Exterior	40.0	12.30	492.0								
Base Total:		40.0	492.0	As-Built Total:				40.0	336.0		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1240.0	2.05	2542.0	1. Under Attic	30.0		1364.0	2.05 X 1.00	2796.2		
Base Total:		1240.0	2542.0	As-Built Total:				1364.0	2796.2		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	142.7(p)	8.9	1269.8	1. Slab-On-Grade Edge Insulation	5.0		142.7(p)	7.60	1084.3		
Raised	0.0	0.00	0.0								
Base Total:			1269.8	As-Built Total:				142.7	1084.3		
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
		1240.0	-0.59					1240.0	-0.59	-731.6	

WINTER CALCULATIONS**Residential Whole Building Performance Method A - Details**ADDRESS: **SW COATS GLEN, LAKE CITY, FL, 32055-**

PERMIT #:

BASE			AS-BUILT						
Winter Base Points: 11359.0			Winter As-Built Points: 10606.4						
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
11359.0	0.5540	6292.9	(sys 1: Electric Heat Pump 34000 btuh ,EFF(7.7) Ducts:Unc(S),Unc(R),Att(AH),R6.0 10606.4 1.000 (1.069 x 1.000 x 1.10) 0.443 0.950 5247.2						
			10606.4	1.00	1.176	0.443	0.950	5247.2	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: **SW COATS GLEN, LAKE CITY, FL, 32055-**

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 = Total Multiplier
3		2635.00	7905.0	50.0	0.90	3	1.00	2693.56	1.00 8080.7
				As-Built Total:					8080.7

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
5014		6293	7905 19212	5472		5247	8081 18800

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: **SW COATS GLEN, LAKE CITY, FL, 32055-**

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.	

Tested sealed ducts must be certified in this house.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.6

The higher the score, the more efficient the home.

Andrew Schneider, SW COATS GLEN, LAKE CITY, FL, 32055-

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 34.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1240 ft ²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 34.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 213.5 ft ²		HSPF: 7.70
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 213.5 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=5.0, 142.7(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 887.8 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	PT,
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1364.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts(Leak Free)			
a. Sup: Unc. Ret: Unc. AH: Attic	Sup. R=6.0, 124.0 ft		
b. N/A			

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 EnergyStarTM 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.
EnergyGauge® (Version: FLRCPB v4.5.2)

Energy Code Compliance

Duct System Performance Report

Project Name: Schneider House Address: SW COATS GLEN City, State: LAKE CITY, FL 32055- Owner: Andrew Schneider Climate Zone: North	Builder: N/A Permitting Office: Columbia County Permit Number: Jurisdiction Number:
--	--

Total Duct System Leakage Test Results

CFM25 Total Duct Leakage Test Values			
Line	System	Duct Leakage Total	Duct Leakage to Outdoors
1	System1	_____ cfm25(tot)	_____ cfm25(out)
2	System2	_____ cfm25(tot)	_____ cfm25(out)
3	System3	_____ cfm25(tot)	_____ cfm25(out)
4	System4	_____ cfm25(tot)	_____ cfm25(out)
5	Total House Duct System Leakage	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,tot}) ☐ Receive credit if Q _{n,tot} ≤ 0.03	Sum lines 1-4 _____ Divide by _____ (Total Conditioned Floor Area) = _____ (Q _{n,out}) ☐ Receive credit if Q _{n,out} ≤ 0.03 AND Q _{n,tot} ≤ 0.09

I hereby certify that the above duct testing performance results demonstrate compliance with the Florida Energy Code requirements in accordance with Section 610.1.A.1, Florida Building Code, Building Volume, Chapter 13 for leak free duct system credit.

Signature: _____
Printed Name: _____
Florida Rater Certification #: _____
DATE: _____

Florida Building Code requires that testing to confirm leak free duct systems be performed by a Class 1 Florida Energy Gauge Certified Energy Rater. Certified Florida Class 1 raters can be found at: <http://energygauge.com/search.htm>



BUILDING OFFICIAL: _____
DATE: _____

BUILDING INPUT SUMMARY REPORT

PROJECT	Title:	Schneider House	Family Type:	Single	Address Type:	Street Address
	Owner:	Andrew Schneider	New/Existing:	New	Lot #:	N/A
	# of Units:	1	Bedrooms:	3	Subdivision:	N/A
	Builder Name:	N/A	Conditioned Area:	1240	Platbook:	N/A
	Climate:	North	Total Stories:	1	Street:	SW COATS GLEN
	Permit Office:	Columbia County	Worst Case:	No	County:	COLUMBIA
	Jurisdiction #:	(blank)	Rotate Angle:	(blank)	City, St, Zip:	LAKE CITY, FL, 32055-

FLOORS	#	Floor Type	R-Val	Area/Perimeter	Units
	1	Slab-On-Grade Edge Insulation	5.0	142.7(p) ft	1

DOORS	#	Door Type	Orientation	Area	Units
	1	Insulated	Exterior	20.0 ft²	2

CEILINGS	#	Ceiling Type	R-Val	Area	Base Area	Units
	1	Under Attic	30.0	1364.0 ft²	1240.0 ft²	1
Credit Multipliers: None						

COOLING	#	System Type	Efficiency	Capacity
	1	Central Unit	SEER: 13.00	34.0 kBtu/hr
Credit Multipliers: PT				

WALLS	#	Wall Type	Location	R-Val	Area	Units
	1	Frame - Wood	Exterior	13.0	887.8 ft²	1

HEATING	#	System Type	Efficiency	Capacity
	1	Electric Heat Pump	HSPF: 7.70	34.0 kBtu/hr
Credit Multipliers: PT				

WINDOWS	#	Panes	Tint	Ornt	Area	OH Length	OH Hgt	Units
	1	Double	Clear	E	37.5 ft²	1.5 ft	8.0 ft	1
	2	Double	Clear	E	15.0 ft²	1.5 ft	8.0 ft	2
	3	Double	Clear	N	10.0 ft²	1.5 ft	8.0 ft	2
	4	Double	Clear	W	30.0 ft²	1.5 ft	8.0 ft	1
	5	Double	Clear	W	6.0 ft²	1.5 ft	8.0 ft	1
	6	Double	Clear	N	30.0 ft²	1.5 ft	8.0 ft	1
	7	Double	Clear	S	15.0 ft²	1.5 ft	8.0 ft	4

DUCTS	#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
	1	Uncond.	Uncond.	Attic	6.0	124.0 ft
Credit Multipliers: Leak free						

WATER	#	System Type	EF	Cap.	Conservation Type	Con. EF
	1	Electric Resistance	0.90	50.0	None	0.00

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

MISC	Rater Name:	CodeOnlyPro	Class #:	3	Pool Size:	0
	Rater Certification #:	CodeOnlyPro	Duct Leakage Type:	N/A	Pump Size:	0.00 hp
	Area Under Fluorescent:	0.0	Visible Duct Disconnects:	N/A	Dryer Type:	Electric
	Area Under Incandescent:	1240.0	Leak Free Duct System Proposed:	Yes	Stove Type:	Electric
	NOTE: Not all Rating info shown		HRV/ERV System Present?:	No	Avg Ceil Hgt:	

Andrew Schneider

**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:

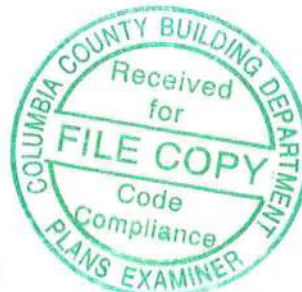
- Dimensions of lot or parcel of land
- Dimensions of all building set backs
- Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.
- Provide a full legal description of property.

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 specifiably 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



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 value 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 wire 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 piers
- Girder type, size and spacing to load bearing walls, stem wall and/or piers
- 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).

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 assemblies covering; with Florida Product Approval numbers for each component of the roof assemblies 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

- ✓ 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.

existing well

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

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

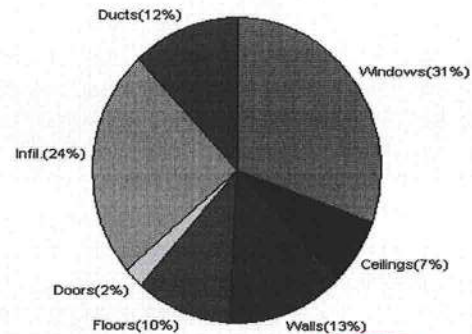
1/7/2009

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)					
Winter design temperature	33	F	Summer design temperature	92	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	17	F
Total heating load calculation	22268	Btuh	Total cooling load calculation	30800	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	152.7	34000	Sensible (SHR = 0.75)	102.0	25500
Heat Pump + Auxiliary(0.0kW)	152.7	34000	Latent	146.7	8500
			Total (Electric Heat Pump)	110.4	34000

WINTER CALCULATIONS

Winter Heating Load (for 1240 sqft)

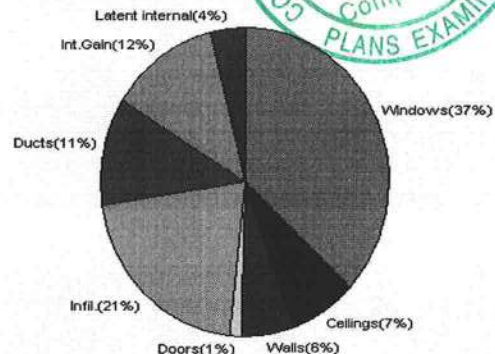
Load component		Load	
Window total	214 sqft	6873	Btuh
Wall total	888 sqft	2916	Btuh
Door total	40 sqft	518	Btuh
Ceiling total	1364 sqft	1607	Btuh
Floor total	143 sqft	2333	Btuh
Infiltration	132 cfm	5358	Btuh
Duct loss		2664	Btuh
Subtotal		22268	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		22268	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1240 sqft)

Load component		Load	
Window total	214 sqft	11416	Btuh
Wall total	888 sqft	1852	Btuh
Door total	40 sqft	392	Btuh
Ceiling total	1364 sqft	2259	Btuh
Floor total		0	Btuh
Infiltration	116 cfm	2154	Btuh
Internal gain		3780	Btuh
Duct gain		3152	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		25005	Btuh
Latent gain(ducts)		366	Btuh
Latent gain(infiltration)		4230	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		5795	Btuh
TOTAL HEAT GAIN		30800	Btuh



Version 8
For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE:

1/8/09

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

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

1/7/2009

Component Loads for Whole House					
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	E	37.5	32.2	1207 Btuh
2	2, Clear, Metal, 0.87	E	30.0	32.2	966 Btuh
3	2, Clear, Metal, 0.87	N	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	W	30.0	32.2	966 Btuh
5	2, Clear, Metal, 0.87	W	6.0	32.2	193 Btuh
6	2, Clear, Metal, 0.87	N	30.0	32.2	966 Btuh
7	2, Clear, Metal, 0.87	S	60.0	32.2	1931 Btuh
	Window Total		214(sqft)		6873 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	888	3.3	2916 Btuh
	Wall Total		888		2916 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exterior		40	12.9	518 Btuh
	Door Total		40		518 Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1364	1.2	1607 Btuh
	Ceiling Total		1364		1607 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	5	142.7 ft(p)	16.4	2333 Btuh
	Floor Total		143		2333 Btuh
	Envelope Subtotal:				14247 Btuh
Infiltration	Type	ACH X Volume(cuft)	walls(sqft)	CFM=	
	Natural	0.80	9920	888	132.3
					5358 Btuh
Ductload				(DLM of 0.136)	2664 Btuh
All Zones				Sensible Subtotal All Zones	22268 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	22268 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22268 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

1/7/2009

EQUIPMENT

1. Electric Heat Pump	#	34000 Btuh
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Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



Version 8
For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

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

1/7/2009

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	E	37.5		32.2	1207 Btuh
2	2, Clear, Metal, 0.87	E	30.0		32.2	966 Btuh
3	2, Clear, Metal, 0.87	N	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	W	30.0		32.2	966 Btuh
5	2, Clear, Metal, 0.87	W	6.0		32.2	193 Btuh
6	2, Clear, Metal, 0.87	N	30.0		32.2	966 Btuh
7	2, Clear, Metal, 0.87	S	60.0		32.2	1931 Btuh
Window Total			214(sqft)			6873 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	888		3.3	2916 Btuh
Wall Total			888			2916 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		40		12.9	518 Btuh
Door Total			40			518Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin	30.0	1364		1.2	1607 Btuh
Ceiling Total			1364			1607Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	5	142.7 ft(p)		16.4	2333 Btuh
Floor Total			143			2333 Btuh
Zone Envelope Subtotal:						14247 Btuh
Infiltration	Type	ACH X	Volume(cuft)	walls(sqft)	CFM=	
	Natural	0.80	9920	888	132.3	5358 Btuh
Ductload	Pro. leak free, Supply(R6.0-Attic), Return(R6.0-Attic) (DLM of 0.136)					2664 Btuh
Zone #1	Sensible Zone Subtotal					22268 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	22268 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22268 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

1/7/2009

EQUIPMENT

1. Electric Heat Pump	#	34000 Btuh
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Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types)



Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

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

1/7/2009

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	37.5	0.0	37.5	29	80	2982	Btuh
2	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385	Btuh
3	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	20.0	0.0	20.0	29	29	579	Btuh
4	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385	Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	6.0	0.0	6.0	29	80	477	Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	29	29	869	Btuh
7	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	60.0	60.0	0.0	29	34	1738	Btuh
	Window Total				214 (sqft)					11416 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load	
1	Frame - Wood - Ext		13.0/0.09		887.8			2.1		1852 Btuh	
	Wall Total				888 (sqft)					1852 Btuh	
Doors	Type					Area (sqft)		HTM		Load	
1	Insulated - Exterior					40.0		9.8		392 Btuh	
	Door Total				40 (sqft)					392 Btuh	
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle		30.0		1364.0			1.7		2259 Btuh	
	Ceiling Total				1364 (sqft)					2259 Btuh	
Floors	Type		R-Value		Size			HTM		Load	
1	Slab On Grade		5.0		143 (ft(p))			0.0		0 Btuh	
	Floor Total				142.7 (sqft)					0 Btuh	
	Envelope Subtotal:									15918 Btuh	
Infiltration	Type		ACH		Volume(cuft) wall area(sqft)			CFM=		Load	
	SensibleNatural		0.70		9920 888			132.3		2154 Btuh	
Internal gain			Occupants		Btuh/occupant			Appliance		Load	
			6		X 230 +			2400		3780 Btuh	
	Sensible Envelope Load:									21852 Btuh	
Duct load	(DGM of 0.144)									3152 Btuh	
	Sensible Load All Zones									25005 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

1/7/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	21852 Btuh
	Sensible Duct Load	3152 Btuh
	Total Sensible Zone Loads	25005 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	25005 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	4230 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	366 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5795 Btuh
	TOTAL GAIN	30800 Btuh

EQUIPMENT

1. Central Unit	#	34000 Btuh
-----------------	---	------------

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



Version 8
For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

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

1/7/2009

Component Loads for Zone #1: Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	37.5	0.0	37.5	29	80	2982	Btuh
2	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385	Btuh
3	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	20.0	0.0	20.0	29	29	579	Btuh
4	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	30.0	0.0	30.0	29	80	2385	Btuh
5	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	6.0	0.0	6.0	29	80	477	Btuh
6	2, Clear, 0.87, None,N,N	N	1.5ft	8ft.	30.0	0.0	30.0	29	29	869	Btuh
7	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	60.0	60.0	0.0	29	34	1738	Btuh
Window Total					214 (sqft)					11416 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Frame - Wood - Ext	13.0/0.09		887.8			2.1		1852 Btuh		
Wall Total			888 (sqft)					1852 Btuh			
Doors	Type				Area (sqft)		HTM		Load		
1	Insulated - Exterior				40.0		9.8		392 Btuh		
Door Total			40 (sqft)					392 Btuh			
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		1364.0			1.7		2259 Btuh		
Ceiling Total			1364 (sqft)					2259 Btuh			
Floors	Type	R-Value		Size			HTM		Load		
1	Slab On Grade	5.0		143 (ft(p))			0.0		0 Btuh		
Floor Total			142.7 (sqft)					0 Btuh			
Zone Envelope Subtotal:									15918 Btuh		
Infiltration	Type	ACH		Volume(cuft)			wall area(sqft)		CFM=		
	SensibleNatural	0.70		9920			888		115.7		
Internal gain	Occupants		Btuh/occupant			Appliance		Load			
	6		X 230			+		2400			
Sensible Envelope Load:									21852 Btuh		
Duct load	Prop. leak free, Supply(R6.0-Attic), Return(R6.0-Attic)							(DGM of 0.144)		3152 Btuh	
Sensible Zone Load									25005 Btuh		

Manual J Summer Calculations

Residential Load - Component Details (continued)

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

Code Only
Professional Version
Climate: North

1/7/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	21852 Btuh
	Sensible Duct Load	3152 Btuh
	Total Sensible Zone Loads	25005 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	25005 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	4230 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	366 Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	5795 Btuh
	TOTAL GAIN	30800 Btuh

EQUIPMENT

1. Central Unit	#	34000 Btuh
-----------------	---	------------

*Key: Window types (Pn - Number of panes of glass)

(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(U - Window U-Factor or 'DEF' for default)

(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))

(ExSh - Exterior shading device: none(N) or numerical value)

(BS - Insect screen: none(N), Full(F) or Half(H))

(Ornt - compass orientation)



Version 8
For Florida residences only

Residential Window Diversity

MidSummer

Andrew Schneider
SW COATS GLEN
LAKE CITY, FL 32055-

Project Title:
Schneider House

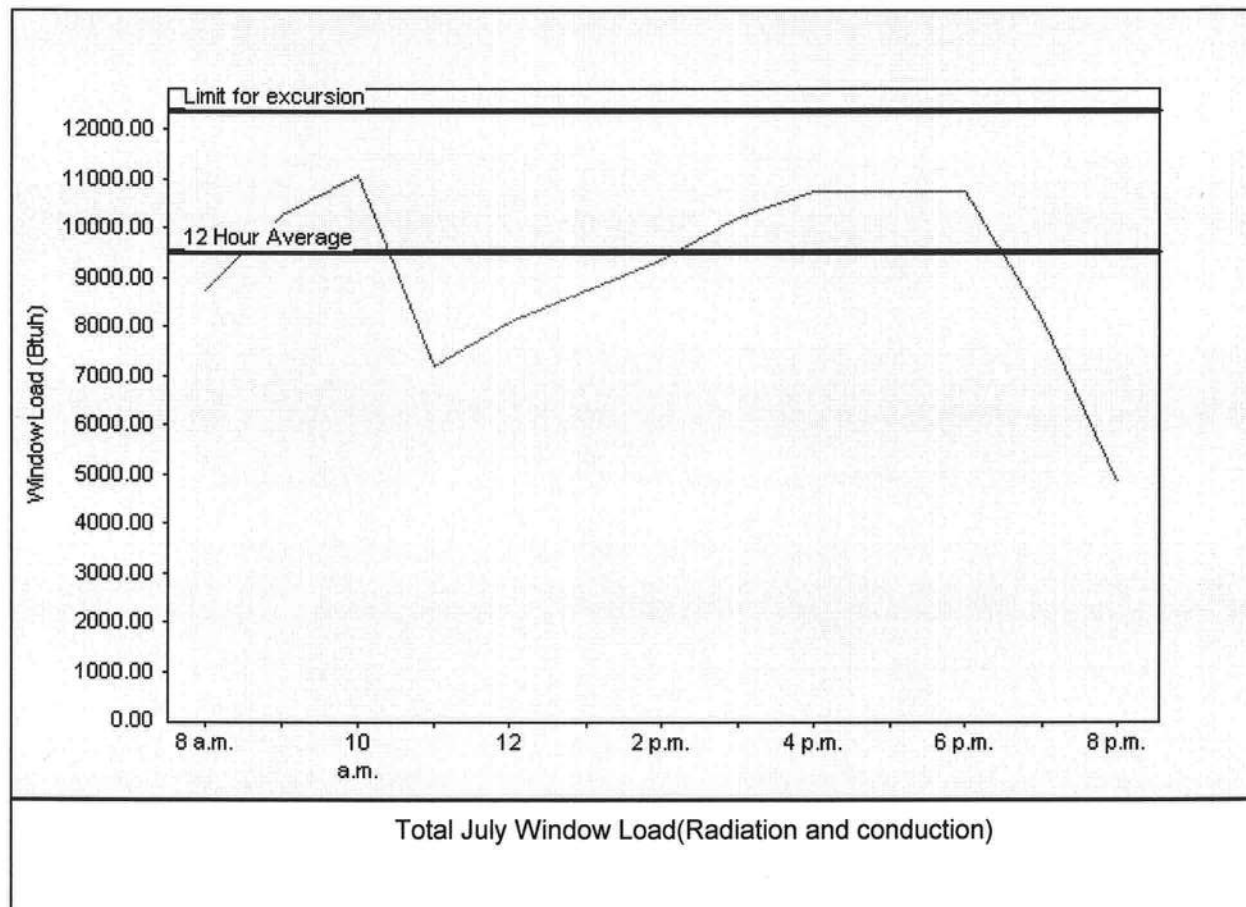
Code Only
Professional Version
Climate: North

1/7/2009

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	9504 Btuh
Summer setpoint	75 F	Peak window load for July	11057 Btu
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	12355 Btu
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY: _____

DATE: _____

EnergyGauge® FLRCPB v4.5.2



Location: *Andrew Schneider*

Project Name:

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			
1. Swinging	<i>Mayfair</i>	<i>entry door</i>	<i>FL1311</i>
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	<i>Danvid</i>	<i>Single Hung Windows</i>	<i>FL1369</i>
2. Horizontal Slider			
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	<i>Jamie Hardie</i>	<i>hardiboard</i>	<i>FL889-R1</i>
2. Soffits	<i>Ashley</i>	<i>Aluminum</i>	<i>FL406</i>
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
X D. ROOFING PRODUCTS			
X 1. Asphalt Shingles	<i>Tam KO</i>	<i>30-year shingles asphalt</i>	<i>FL673</i>
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			



Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives - Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
E. SHUTTERS			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
F. SKYLIGHTS			
1. Skylight			
2. Other			
G. STRUCTURAL COMPONENTS			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms			
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
H. NEW EXTERIOR ENVELOPE PRODUCTS			
1.			
2.			

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

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Linda Rodon
Contractor or Contractor's Authorized Agent Signature

Linda Rodon 1-17-09
Print Name Date

Location

Permit # (FOR STAFF USE ONLY)

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
Page 1 of 1 Document ID:1TO58228Z0308112157

Truss Fabricator: Anderson Truss Company
Job Identification: 9-010--OWNER BUILDER Andrew Schneider -- , **
Truss Count: 30
Model Code: Florida Building Code 2004 and 2006 Supplement
Truss Criteria: FBC CODE/TPI-2002(STD)
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

Notes:

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

Details: TCFILLER-BCFILLER-A13015EE-GBLLETIN-VALTRUSS-

#	Ref	Description	Drawing#	Date
1	55287--A1		09008014	01/08/09
2	55288--H13AA		09008020	01/08/09
3	55289--H11AA		09008019	01/08/09
4	55290--H9AA		09008022	01/08/09
5	55291--H7AA		09008018	01/08/09
6	55292--H7A		09008027	01/08/09
7	55293--H9A		09008019	01/08/09
8	55294--H11A		09008020	01/08/09
9	55295--H13A		09008021	01/08/09
10	55296--A4		09008022	01/08/09
11	55297--A3		09008023	01/08/09
12	55298--A2		09008024	01/08/09
13	55299--B1		09008015	01/08/09
14	55300--B-GE		09008005	01/08/09
15	55301--V1		09008021	01/08/09
16	55302--V3		09008017	01/08/09
17	55303--V2		09008016	01/08/09
18	55304--J3		09008008	01/08/09
19	55305--HJ7		09008006	01/08/09
20	55306--HJ7A		09008011	01/08/09
21	55307--J5		09008007	01/08/09
22	55308--J1		09008009	01/08/09
23	55309--J5A		09008012	01/08/09
24	55310--EJ7		09008010	01/08/09
25	55311--EJ7A		09008013	01/08/09
26	55312--J1B		09008030	01/08/09
27	55313--HJ7B		09008028	01/08/09
28	55314--J3B		09008029	01/08/09
29	55315--J5B		09008025	01/08/09
30	55316--EJ7B		09008026	01/08/09

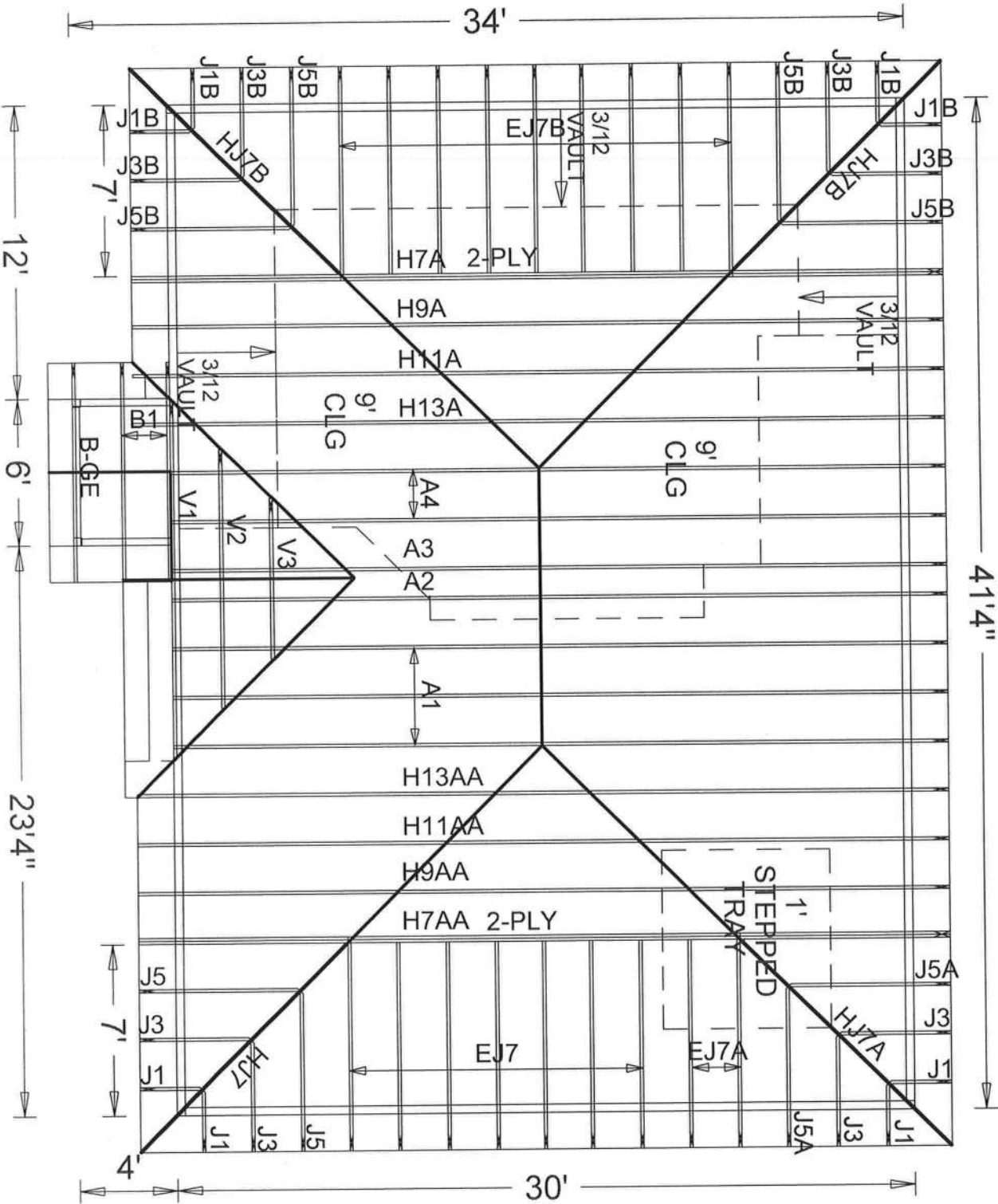
Seal Date: 01/08/2009

-Truss Design Engineer-
Doug Fleming
Florida License Number: 66648
1950 Marley Drive
Haines City, FL 33844



#9-010 ANDREW SCHNEIDER

Roof Plane Sheathing Area = 1686 sq. ft
Gable Sheathing Area = 7 sq. ft
Total Sheathing Area = 1692 sq. ft
Fascia Material = 171 linear ft
Valley Flashing Material = 27 linear ft
Ridge Cap Material = 29 linear ft
Hip Ridge Material = 99 linear ft



JOB DESCRIPTION:: OWNER BUILDER
/: Andrew Schneider

JOB NO:
9-010

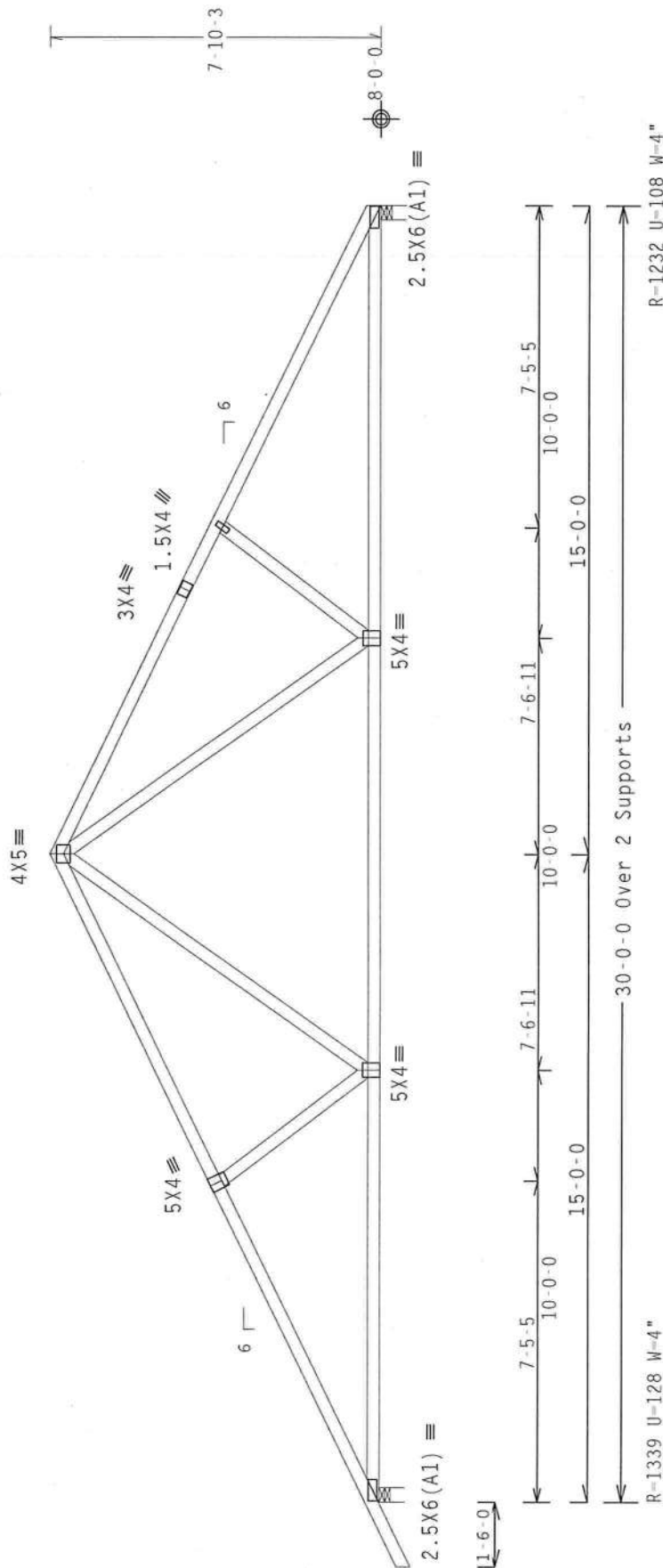
PAGE NO:
1 OF 1

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.

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



Design Crit: FBC CODE/TPI - 2002 (STD)

PLT TYP. Wave

QTY: 7

F11-141-1-1R1-

$$\text{Scale} = 25''/Ft$$

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE FOLLOWING COMPANIES, PUBLISHED BY THE TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 100, ALPHARETTA, GEORGIA 30201, CAN ASSIST YOU WITH THESE FUNCTIONS. IF YOU ARE UNABLE TO OBTAIN THE INFORMATION FROM THESE COMPANIES, PLEASE CONTACT THE TRUSS PLATE INSTITUTE. (SEE LISTING PAGE 52719) FOR SAFE PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

IMPORTANT-FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, TRU BCG, INC., SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTION PLATES ARE MADE OF 20X10X7/64 (IN) S55C8 STEEL WITH MIN. GRADE 50, 36/50 C.V. STEEL APPROX. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A OF TPI-2002 SEC. 3.

THIS DOCUMENT INDICATES THE STANDARD OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESCRIBED HEREIN. THE SUBMITTER OF THIS DOCUMENT ASSUMES ALL LIABILITY FOR THE RELIABILITY OF THE BUILDING DESIGNER PER ANNEX 1, C-2.



TC LL	20.0	PSF	REF	R8228- 55287
TC DL	10.0	PSF	DATE	01/08/09
BC DL	10.0	PSF	DRW	HCHSR8228 09008014
BC LL	0.0	PSF	HC-ENG	DF/DF *
TOT.LD.	40.0	PSF	SEQN-	119101
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1T058228Z03

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

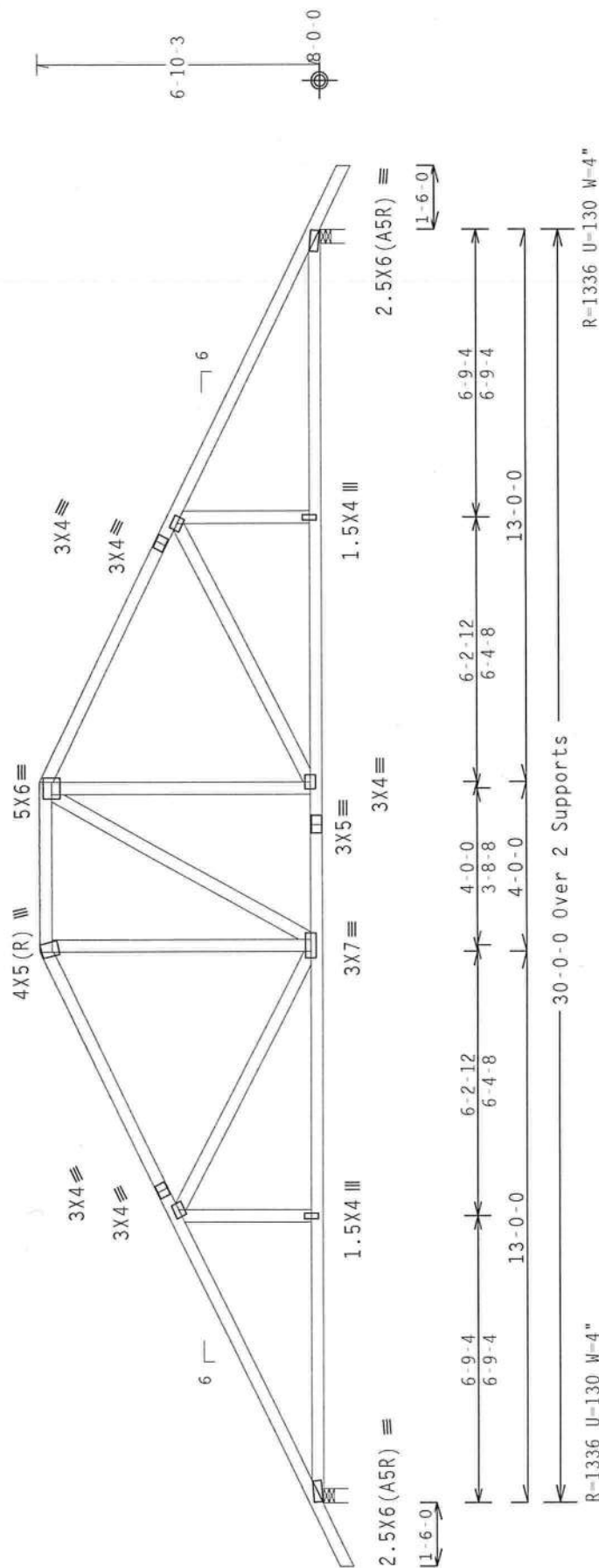
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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Design Crit: FBC CODE/TPI-2002(STD)

PLT TYP. Wave

7.36.00.042

QTY:2

FL/-/4/-/-/R/-

Scale = .25" / Ft.

REF R8228- 55288

DATE 01/08/09

00008028 88288888

00000000 0370450201 M10

IC-ENG DF/DF

119096

REF- 1T058228Z03

WARNING THOUSSES' BUREAU EXTENDING CASE THE LABORATION, HANDLING, INSTALLING AND DRIVING, REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY THE CRUISE PLATE INSTITUTE, 6300 NORTH LEE STREET, SUITE 312, SANDHURST, VA 22134, AND WCA (4000) TOURS, COUNCIL OF AMERICA, 6300 WILMINGTON AVE., WASHINGTON, DC 20001. FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS, UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE 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-1 OR FABRICATING, MARKING, SHIPPING, INSTALLING & DRACHING OF TRUSSES.

DESIGN COMPONETS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC., BY AREA) AND TPI-1 ITS BCG CONNECTOR PLATES PER DRAWING 207/89-016 ARE REQUIRED. STEEL SHALL BE A36 STEEL GALV. STEEL APPLY CORROSION RESISTANT FINISHES WHERE APPROPRIATE. LOCATED ON THIS DESIGN POSITION PER DRAWINGS HGA-2, HGA-3, HGA-4, HGA-5, HGA-6, HGA-7, HGA-8, HGA-9, HGA-10, HGA-11, HGA-12, HGA-13, HGA-14, HGA-15, HGA-16, HGA-17, HGA-18, HGA-19, HGA-20, HGA-21, HGA-22, HGA-23, HGA-24, HGA-25, HGA-26, HGA-27, HGA-28, HGA-29, HGA-30, HGA-31, HGA-32, HGA-33, HGA-34, HGA-35, HGA-36, HGA-37, HGA-38, HGA-39, HGA-40, HGA-41, HGA-42, HGA-43, HGA-44, HGA-45, HGA-46, HGA-47, HGA-48, HGA-49, HGA-50, HGA-51, HGA-52, HGA-53, HGA-54, HGA-55, HGA-56, HGA-57, HGA-58, HGA-59, HGA-60, HGA-61, HGA-62, HGA-63, HGA-64, HGA-65, HGA-66, HGA-67, HGA-68, HGA-69, HGA-70, HGA-71, HGA-72, HGA-73, HGA-74, HGA-75, HGA-76, HGA-77, HGA-78, HGA-79, HGA-80, HGA-81, HGA-82, HGA-83, HGA-84, HGA-85, HGA-86, HGA-87, HGA-88, HGA-89, HGA-90, HGA-91, HGA-92, HGA-93, HGA-94, HGA-95, HGA-96, HGA-97, HGA-98, HGA-99, HGA-100, HGA-101, HGA-102, HGA-103, HGA-104, HGA-105, HGA-106, HGA-107, HGA-108, HGA-109, HGA-110, HGA-111, HGA-112, HGA-113, HGA-114, HGA-115, HGA-116, HGA-117, HGA-118, HGA-119, HGA-120, HGA-121, HGA-122, HGA-123, HGA-124, HGA-125, HGA-126, HGA-127, HGA-128, HGA-129, HGA-130, HGA-131, HGA-132, HGA-133, HGA-134, HGA-135, HGA-136, HGA-137, HGA-138, HGA-139, HGA-140, HGA-141, HGA-142, HGA-143, HGA-144, HGA-145, HGA-146, HGA-147, HGA-148, HGA-149, HGA-150, HGA-151, HGA-152, HGA-153, HGA-154, HGA-155, HGA-156, HGA-157, HGA-158, HGA-159, HGA-160, HGA-161, HGA-162, HGA-163, HGA-164, HGA-165, HGA-166, HGA-167, HGA-168, HGA-169, HGA-170, HGA-171, HGA-172, HGA-173, HGA-174, HGA-175, HGA-176, HGA-177, HGA-178, HGA-179, HGA-180, HGA-181, HGA-182, HGA-183, HGA-184, HGA-185, HGA-186, HGA-187, HGA-188, HGA-189, HGA-190, HGA-191, HGA-192, HGA-193, HGA-194, HGA-195, HGA-196, HGA-197, HGA-198, HGA-199, HGA-200, HGA-201, HGA-202, HGA-203, HGA-204, HGA-205, HGA-206, HGA-207, HGA-208, HGA-209, HGA-210, HGA-211, HGA-212, HGA-213, HGA-214, HGA-215, HGA-216, HGA-217, HGA-218, HGA-219, HGA-220, HGA-221, HGA-222, HGA-223, HGA-224, HGA-225, HGA-226, HGA-227, HGA-228, HGA-229, HGA-230, 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ALPINE

ITTW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

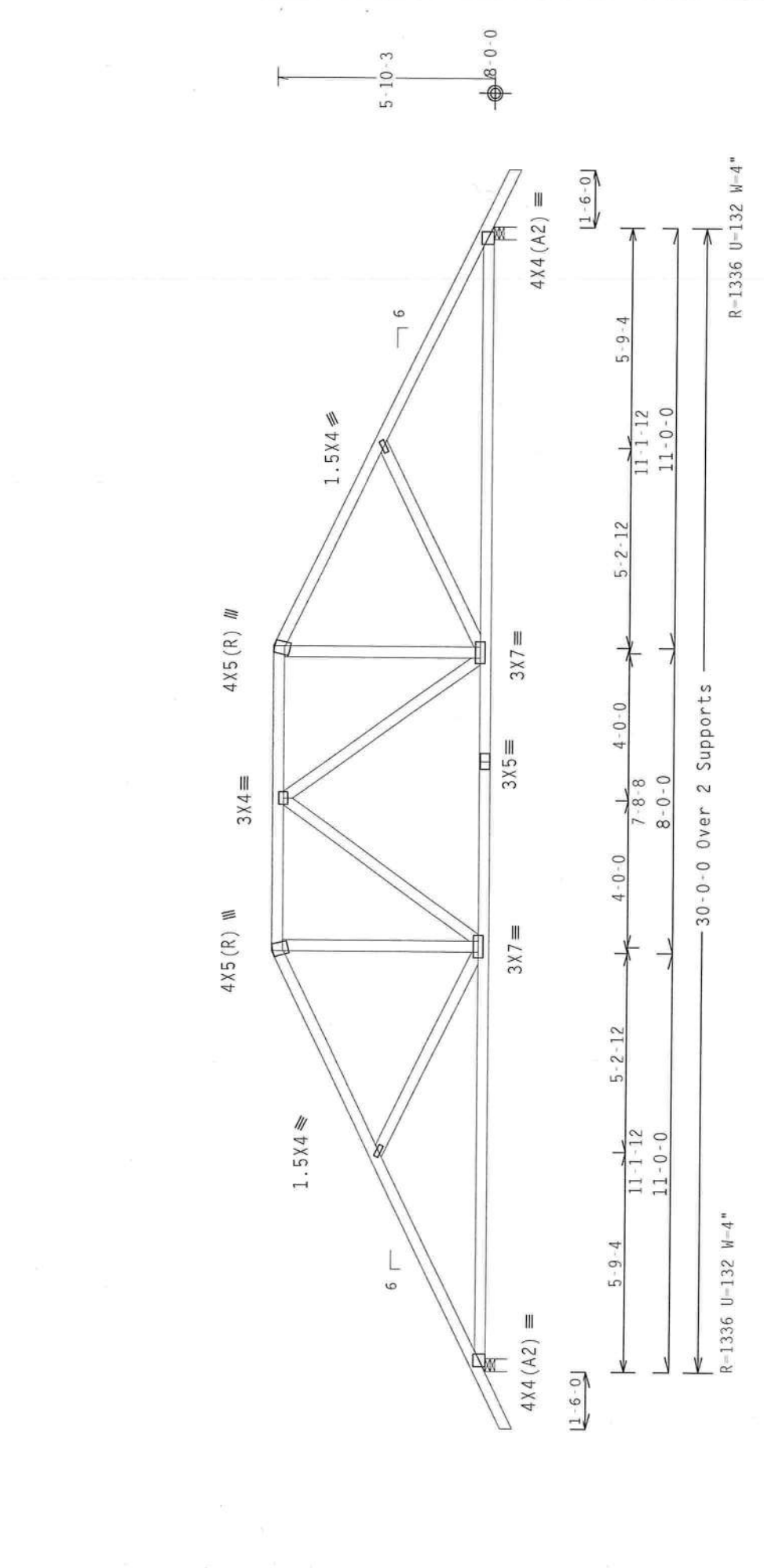
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf, 1w=1.00 GCpf(+/-)-0.18

Roof overhang supports 2.00 psf soffit load.

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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.



PLT TYP. Wave

Design Crit: FBC CODE/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

QTY: 2 FL/-/4/-/R/- Scale = .25"/Ft.

TC LL	20.0 PSF	REF R8228- 55289
TC DL	10.0 PSF	DATE 01/08/09
BC DL	10.0 PSF	DRW HCUSR8228 09008019
BC LL	0.0 PSF	HC-ENG DF/DF *
TOT.LD.	40.0 PSF	SEQN- 119091
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T058228Z03

DOUGLAS FLEMING
LICENSE
No. 86648
STATE OF FLORIDA
PROFESSIONAL ENGINEER

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FLCOA #0 278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE USER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE USER'S RESPONSIBILITY. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE AND FEDERAL AGENCIES.

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Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W2, W4 2x4 SP #2 Dense:

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.12" due to live load and 0.18" due to dead load.

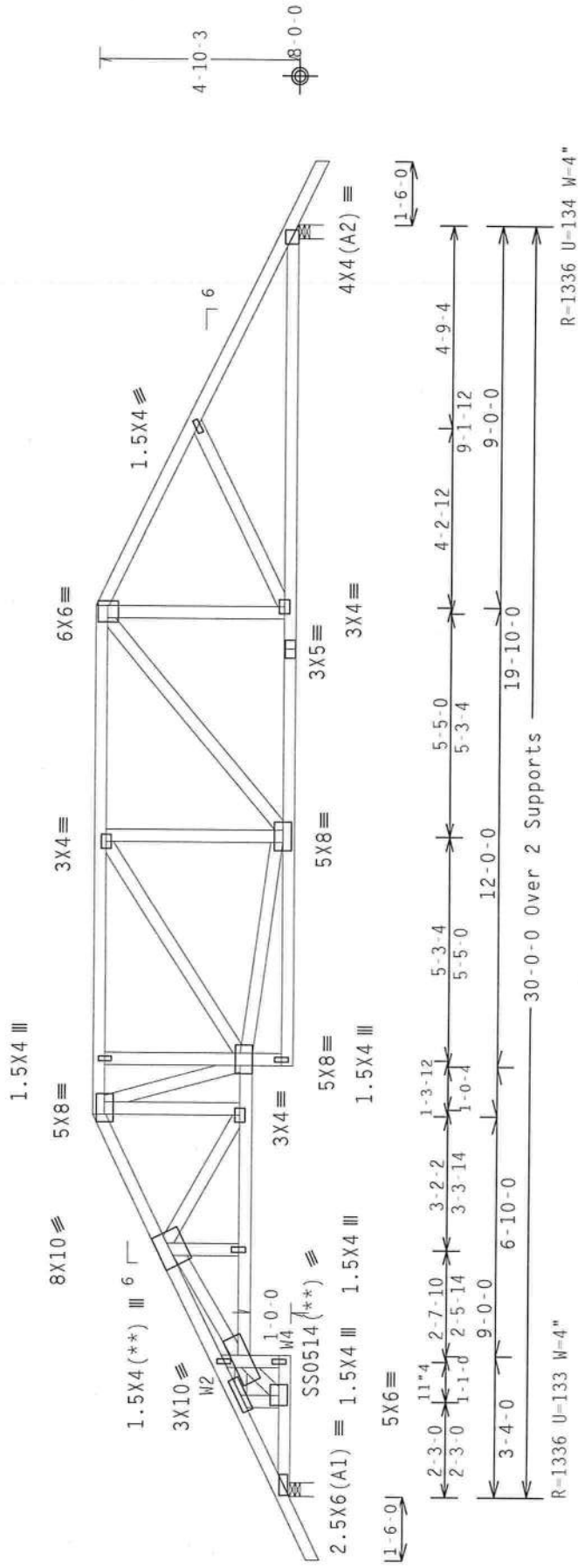
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

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

Wind reactions based on MMFRS pressures.

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



PLT TYP. 18 Gauge HS, Wave
Design Crit: FBC CODE/TPI-2002 (STD)
FT/RT=20%(0%)/0(0)

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

ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278		TC LL	20.0 PSF	REF	R8228- 55290
		TC DL	10.0 PSF	DATE	01/08/09
		BC DL	10.0 PSF	DRW	HCUSR8228 09008022
		BC LL	0.0 PSF	HC-ENG	DF/DF
		TOT.LD.	40.0 PSF	SEQN-	119144
		DUR.FAC.	1.25	JREF-	1T058228Z03
SPACING	24.0"				

WARNING: TRUSSES REQUIRING EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. READ ALL INSTRUCTIONS CAREFULLY. THIS TRUSS IS DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI-2002 STANDARD. THE TRUSS IS NOT TO BE USED IN ANY OTHER MANNER WITHOUT THE WRITTEN PERMISSION OF THE TRUSS MANUFACTURER. THE TRUSS IS NOT TO BE USED IN ANY OTHER MANNER WITHOUT THE WRITTEN PERMISSION OF THE TRUSS MANUFACTURER. THE TRUSS IS NOT TO BE USED IN ANY OTHER MANNER WITHOUT THE WRITTEN PERMISSION OF THE TRUSS MANUFACTURER.

IMPORTANT: FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE BGC, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002 STANDARD, OR ANY OTHER CODE, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE BGC, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI-2002 STANDARD, OR ANY OTHER CODE, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

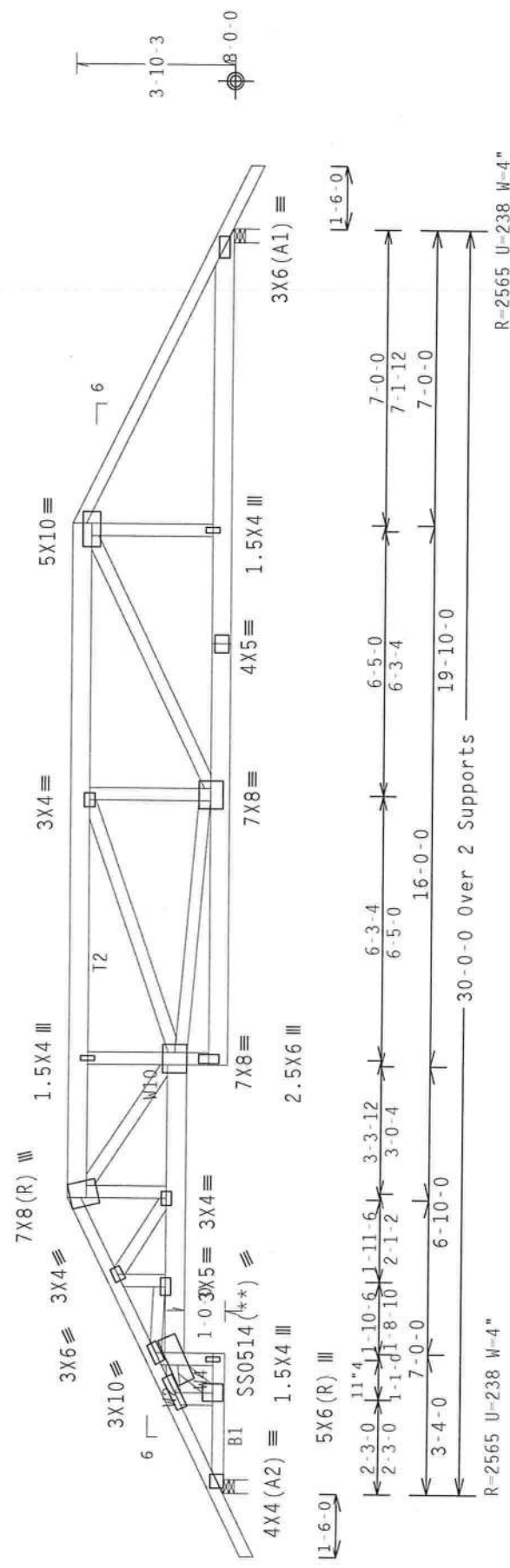
Top chord 2x4 SP #2 Dense :T2 2x6 SP #2:
Bot chord 2x6 SP #2 :B1 2x4 SP #2 Dense:
Webs 2x4 SP #3 :W2, W4, W10 2x4 SP #2 Dense:

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

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

Roof overhang supports 2.00 psf soffit load.
#1 hip supports 7-0-0 jacks with no webs.
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

2 COMPLETE TRUSSES REQUIRED
Nailing Schedule: (12d Common (0.148"x3.25", min.)_nails)
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.
Wind reactions based on MWFRS pressures.
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.
Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. End jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang. Right side jacks have 7-0-0 setback with 0-0-0 cant and 1-6-0 overhang.



PLT TYP. 18 Gauge HS.Wave
Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%) / 0(0)

QTY: 1		FL / - / 4 / - / - / R / -	Scale = .25" / Ft.
TC LL	20.0 PSF	REF	R8228- 55291
TC DL	10.0 PSF	DATE	01/08/09
BC DL	10.0 PSF	DRW	HCUSR8228 09008018
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	119164
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T058228Z03

WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304) FOR TRUSS SAFETY PRACTICES PRIOR TO PROCEEDING WITH TRUSS CONSTRUCTION. 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 AIA/AS) AND TPI. ITW BCG UNLESS OTHERWISE SPECIFIED. OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1604-2, 1604-3, 1604-4, 1604-5, 1604-6, 1604-7, 1604-8, 1604-9, 1604-10, 1604-11, 1604-12, 1604-13, 1604-14, 1604-15, 1604-16, 1604-17, 1604-18, 1604-19, 1604-20, 1604-21, 1604-22, 1604-23, 1604-24, 1604-25, 1604-26, 1604-27, 1604-28, 1604-29, 1604-30, 1604-31, 1604-32, 1604-33, 1604-34, 1604-35, 1604-36, 1604-37, 1604-38, 1604-39, 1604-40, 1604-41, 1604-42, 1604-43, 1604-44, 1604-45, 1604-46, 1604-47, 1604-48, 1604-49, 1604-50, 1604-51, 1604-52, 1604-53, 1604-54, 1604-55, 1604-56, 1604-57, 1604-58, 1604-59, 1604-60, 1604-61, 1604-62, 1604-63, 1604-64, 1604-65, 1604-66, 1604-67, 1604-68, 1604-69, 1604-70, 1604-71, 1604-72, 1604-73, 1604-74, 1604-75, 1604-76, 1604-77, 1604-78, 1604-79, 1604-80, 1604-81, 1604-82, 1604-83, 1604-84, 1604-85, 1604-86, 1604-87, 1604-88, 1604-89, 1604-90, 1604-91, 1604-92, 1604-93, 1604-94, 1604-95, 1604-96, 1604-97, 1604-98, 1604-99, 1604-100, 1604-101, 1604-102, 1604-103, 1604-104, 1604-105, 1604-106, 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Top chord 2x4 SP #2 Dense : T2 2x6 SP #2:
Bot chord 2x6 SP #2
Webs 2x4 SP #3

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

Wind reactions based on MWFRS pressures.

Calculated horizontal deflection is 0.13" due to live load and 0.21" due to dead load.

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

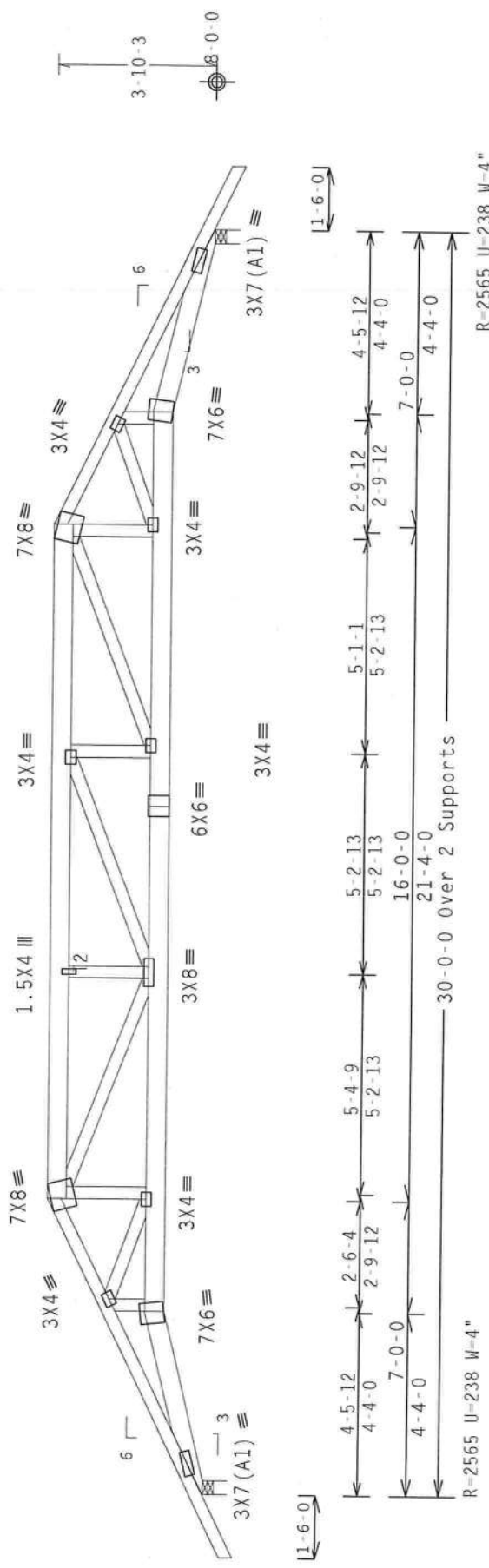
2 COMPLETE TRUSSES REQUIRED

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

Roof overhang supports 2.00 psf soffit load.

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

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



PLT TYP. Wave	Design Crit: FBC CODE/TPI-2002(STD) FT/RT=20%(0%)/0(0)	QTY: 1	FL/-4/-/-R/-	Scale = .25"/Ft.
ALPINE	ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	7.36.00.0424	TC LL 20.0 PSF	REF R8228- 55292
			TC DL 10.0 PSF	DATE 01/08/09
			BC DL 10.0 PSF	DRW HCUSR8228 09008027
			BC LL 0.0 PSF	HC-ENG DF/DF
			TOT.LD. 40.0 PSF	SEON- 119249
			DUR.FAC. 1.25	
			SPACING SEE ABOVE	JREF- 1T058228Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS IN COMPLIANCE WITH THE TPI CODE OF PRACTICE, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALPINE, TEXAS 79801. THE TRUSS IS DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI CODE OF PRACTICE, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALPINE, TEXAS 79801. THE TRUSS IS DESIGNED TO BE USED IN CONFORMANCE WITH THE TPI CODE OF PRACTICE, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALPINE, TEXAS 79801.

****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 COMPLIANCE WITH THE TPI CODE OF PRACTICE, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALPINE, TEXAS 79801, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN COMPLIANCE WITH THE TPI CODE OF PRACTICE, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALPINE, TEXAS 79801, SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR.

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

Roof overhang supports 2.00 psf soffit load.

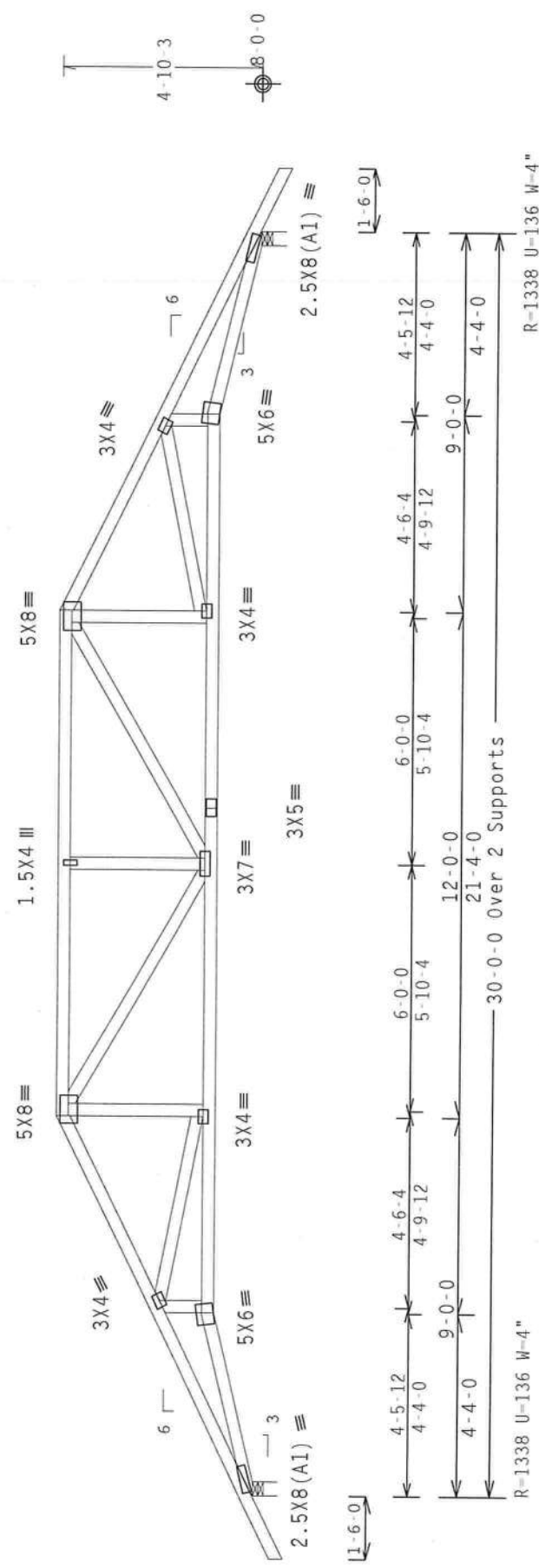
Calculated horizontal deflection is 0.14" due to live load and 0.22" due to dead load.

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. $I_w=1.00$ $G_{CPI}(+/-)0.18$

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave
Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)



QTY:1	FL/-/4/-/-/R/-	Scale = .25" / Ft.
TC LL	20.0 PSF	REF R8228- 55293
TC DL	10.0 PSF	DATE 01/08/09
BC DL	10.0 PSF	DRW HCUSR8228 09008019
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 119255
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T058228Z03

ALPINE
ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIA/ASA) AND TPI. 1TH BCG CORRELATOR PLATES ARE MADE OF 2018/16GA (N/A/SS/P) ASTM A563 GRADE 40/60 (4, 6/4, 8/4, 10/4) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. DETAIL SECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENCY OF THE PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUFFICIENCY OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

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

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.12" due to live load and 0.19" due to dead load.

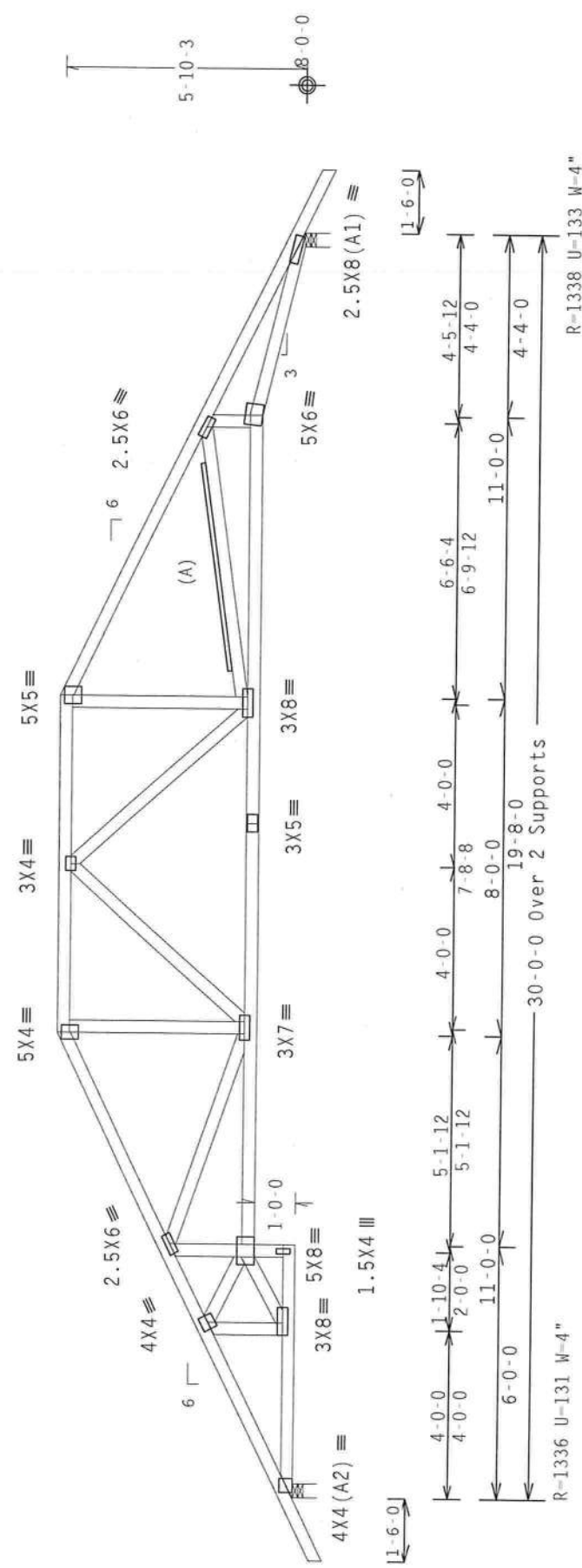
In lieu of structural panels use purlins to brace all flat TC @ 24"

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.

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

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



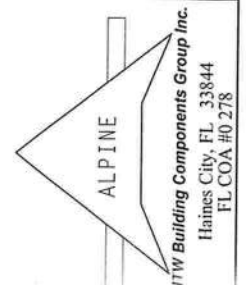
Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave	QTY:1		FL/-4/-/-/R/-	Scale = .25" / Ft.	
	TC LL	20.0 PSF	REF	R8228-	55294
	TC DL	10.0 PSF	DATE	01/08/09	
	BC DL	10.0 PSF	DRW	HCUSR8228	09008020
	BC LL	0.0 PSF	HC-ENG	DF/DF	*
			TOT.LD.	40.0 PSF	SEQN- 119260
			DUR.FAC.	1.25	
			SPACING	24.0"	JREF- 1T058228203



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENTS) SAFETY, INC. FOR TRUSS SAFETY INFORMATION. NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304. (703) 537-1919. IF YOU ARE A CONTRACTOR, YOU MUST FOLLOW THE INSTRUCTIONS ON THIS DRAWING. 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 THE DESIGN 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 PLATES TO PLATES ARE MADE OF 2010/166A (4-H/55/16) ASTM A653 GRADE 40/40 (4, 8/16, 55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES FOLLOWING THE INSTRUCTIONS ON THIS DESIGN. POSITION PER DRAWING 160A-2. DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER. ITW BCG SHALL BE RESPONSIBLE 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.



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

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.12" due to live load and 0.19" due to dead load.

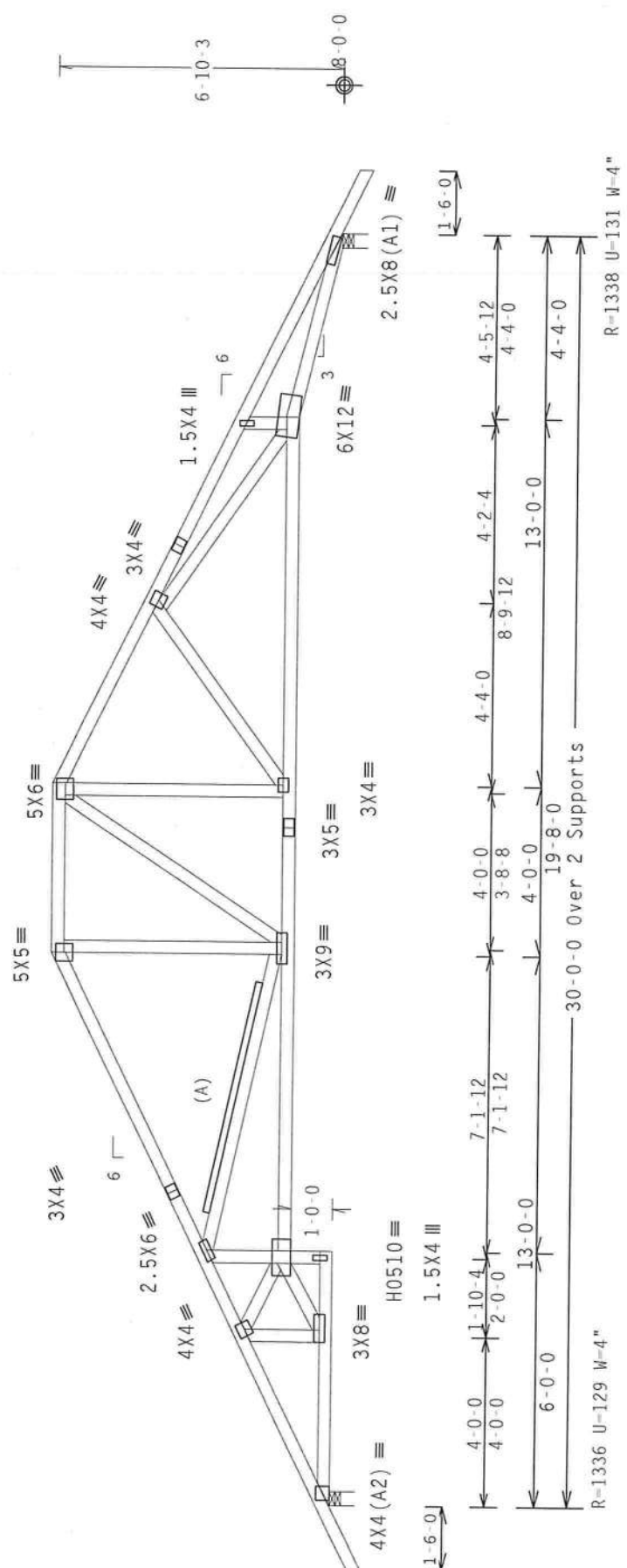
"In lieu of structural panels use purlins to brace all flat TC @ 24"

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

Wind reactions based on MWFRS pressures.

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

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



LT TYP. 20 Gauge HS.Wave

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

TC LL	20.0	PSF	REF	R8228	55295
TC DL	10.0	PSF	DATE	01/08/09	
BC DL	10.0	PSF	DRW	HCUSR8228	09008021
BC LL	0.0	PSF	HC-ENG	DF/DF	*
TOT.LD.	40.0	PSF	SEQN	119266	
DUR.FAC.	1.25				
SPACING	24.0"		JREF	1T058228Z03	



Alpine
Haines City, FL 33844
FL COA #0278

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

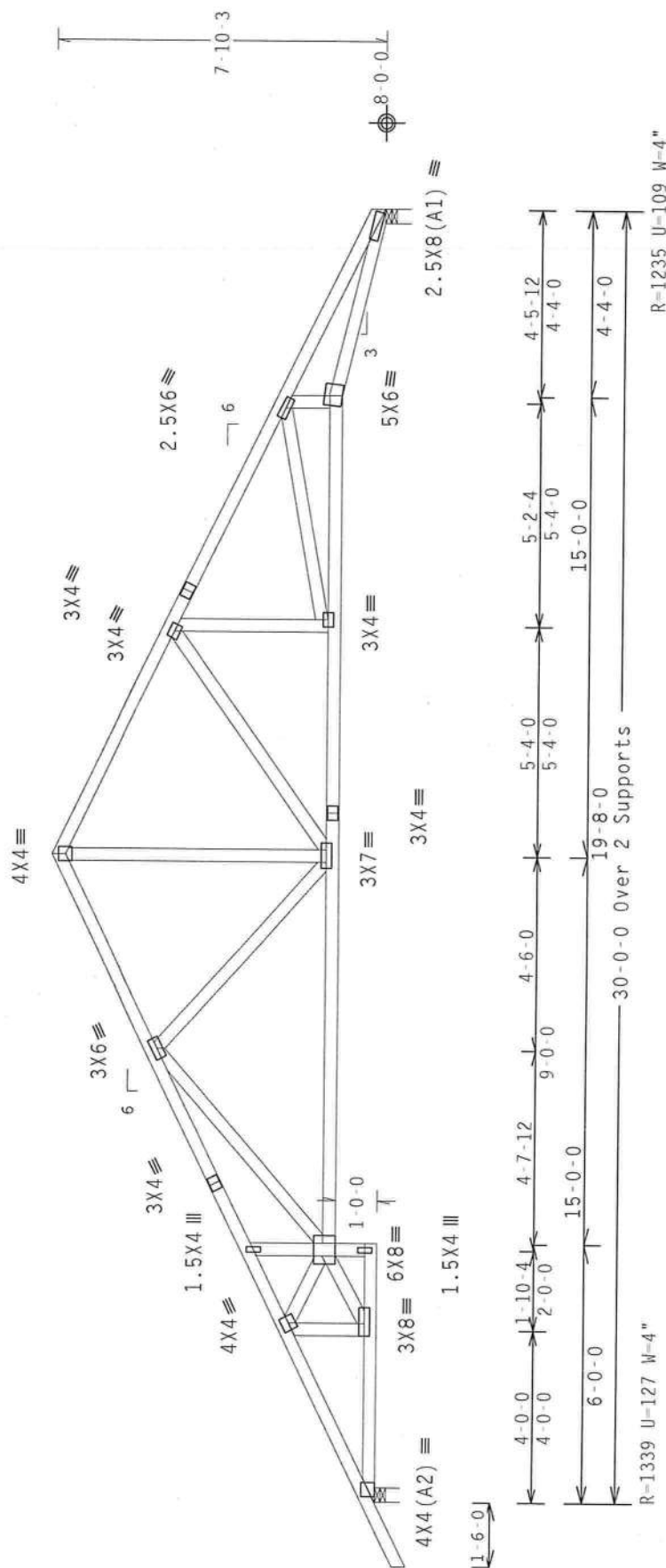
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

Roof overhang supports 2.00 psf soffit load.

Calculated horizontal deflection is 0.12" due to live load and 0.18" due to dead load.

Wind reactions based on MWFRS pressures.

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



PLT TYP. Wave

Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)7.36.00.0424.mv.tif
FT/RT=20%(0%)/0(0)

QTY: 2 FL / - / 4 / - / - / R / -

Scale = .25" / Ft.

WARNING—TRUSSES PROVIDE EXTREME CABLE IN FADICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCS1 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 2315 NORTH LEE STREET, SUITE 312, ALICANDRIA, VA, 22314) AND WCA (WOOD TRUSS COUNCIL OF AMERICA, 1500 ENTERPRISE LANE, MONTICELLO, VA 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 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 COMPLIANCE WITH TPI-1 ON FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES.

FURNISH WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/CES) AND TPI-1.

TYPICAL CONNECTIONS:

PLATES TO EACH FACE OF TRUSS JOINTS SHALL BE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.

ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE REQUIRED.

DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR THE TRUSS COMPONENT DESIGN SHOWN.

SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABS17P-1 SEC. 2.



TC LL	20.0	PSF	REF	R8228- 55296
TC DL	10.0	PSF	DATE	01/08/09
BC DL	10.0	PSF	DRW	HCUSR8228 09008022
BC LL	0.0	PSF	HC-ENG	DF/DF *
TOT.LD.	40.0	PSF	SEQN-	119272
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1T058223Z03

TW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Roof overhang supports 2.00 psf soffit load.

See DWGS TCFILLER0207 and BCFILLER0207 for filler details.

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

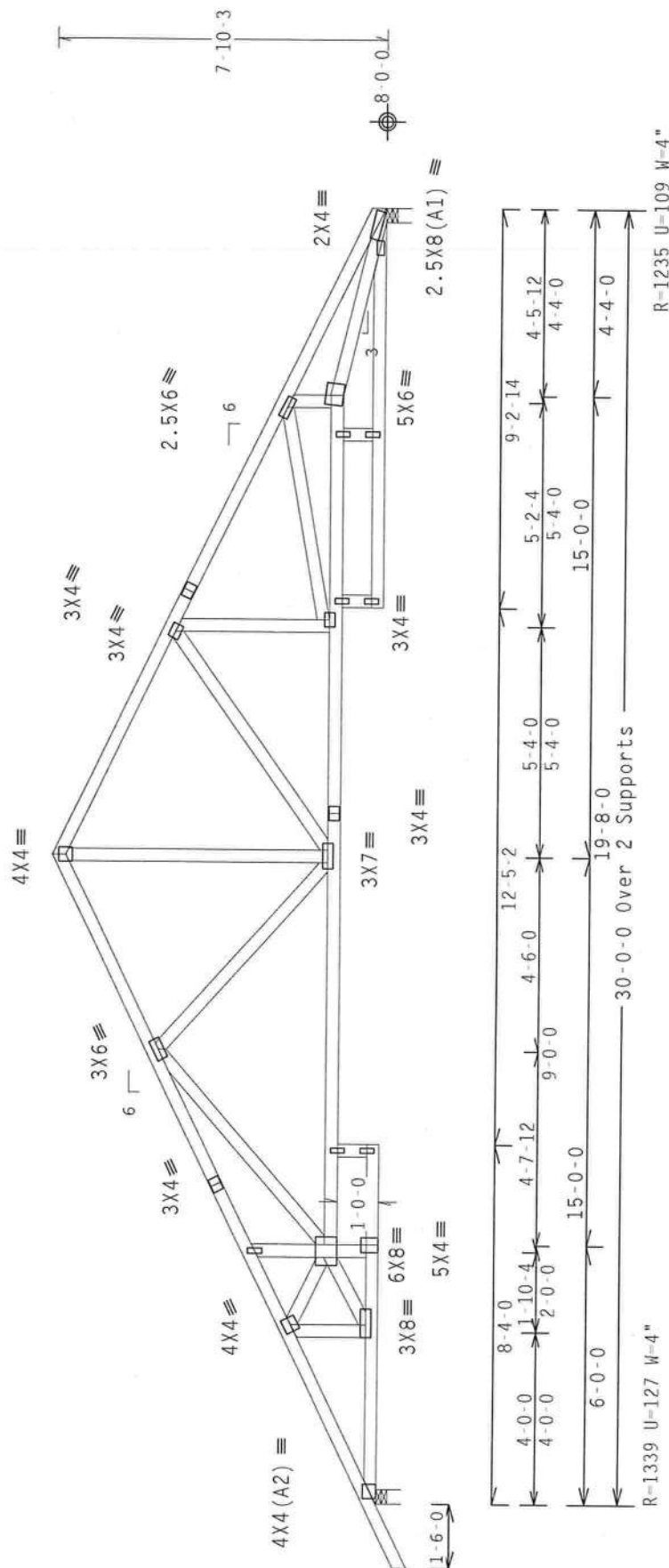
Laterally brace BC above filler @ 24" O.C.
Including a lateral brace at chord ends.

1110 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.

Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC CODE/TPI-2002(STD)

LT TYP. Wave

7.36.00.0424.11 QTY:1 FL/-/4/-/-/R/-
Scale = .25"/Ft.

Scale = .25"/Ft.

R8228- 55297

DATE 01/08/09

CO/DO/TO FIVE

RW HCUSK8228 09008023

C-ENG DF/DF *

EQN- 119278

REF- 1T058228Z03

1000

1

1110 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.

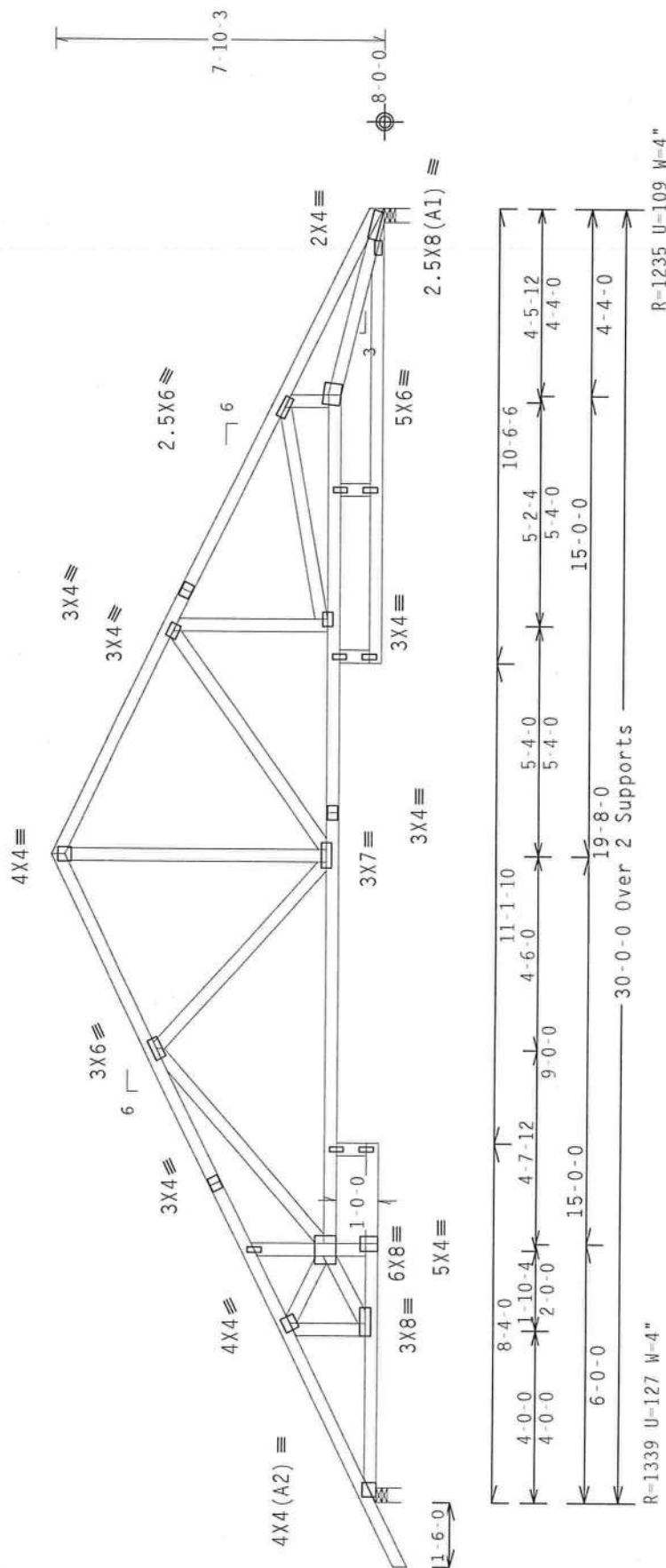
Calculated horizontal deflection is 0.11" due to live load and 0.18" due to dead load.

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

Roof overhang supports 2.00 psf soffit load.

See DWGS TCFILLER0207 and BCFILLER0207 for filler details.

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



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC CODE/TPI-2002(STD)

PLT TYP. Wave

7.36.00.0424¹¹ QTY:1 FL/-/4/-/-/R/-/-
Scale = .25"/Ft.

FT/RT=20%(0%)/0(0) 7.

*****WARNING***** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY THE TRUSS PLATE INSTITUTE, 216 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314, AND UPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, HANOVER, NJ, 53219) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CEILING.

* IMPORTANT ** UNLESS A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR, ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH:
TPI-1 OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCG
CONNECTIONS WITH ALL NECESSARY PROVISIONS OF ADS (NATIONAL DESIGN SPEC, BY AIAA) AND TPI-1.
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 1609-2
ANY INSPECTION OF PLATE FOLLOWED BY C-1 SHALL BE PER ABX AS OF TPI-2002 SEC. 3. A SEAL ON THIS
DESIGN SHOULD BE OBTAINED FROM A REPUTABLE SOURCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
OF THIS CONTRACT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ABSI/TPI 1 & 2.



TC LL	20.0	PSF	REF	R8228-	55298
TC DL	10.0	PSF	DATE	01/08/09	
BC DL	10.0	PSF	DRW	HCUSR8228	09008024
BC LL	0.0	PSF	HC-ENG	DF/DF	*
TOT.LD.	40.0	PSF	SEQN-	119283	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1T0582282703	

ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

(9-010-OWNER BUILDER Andrew Schneider -- , ** - B1)

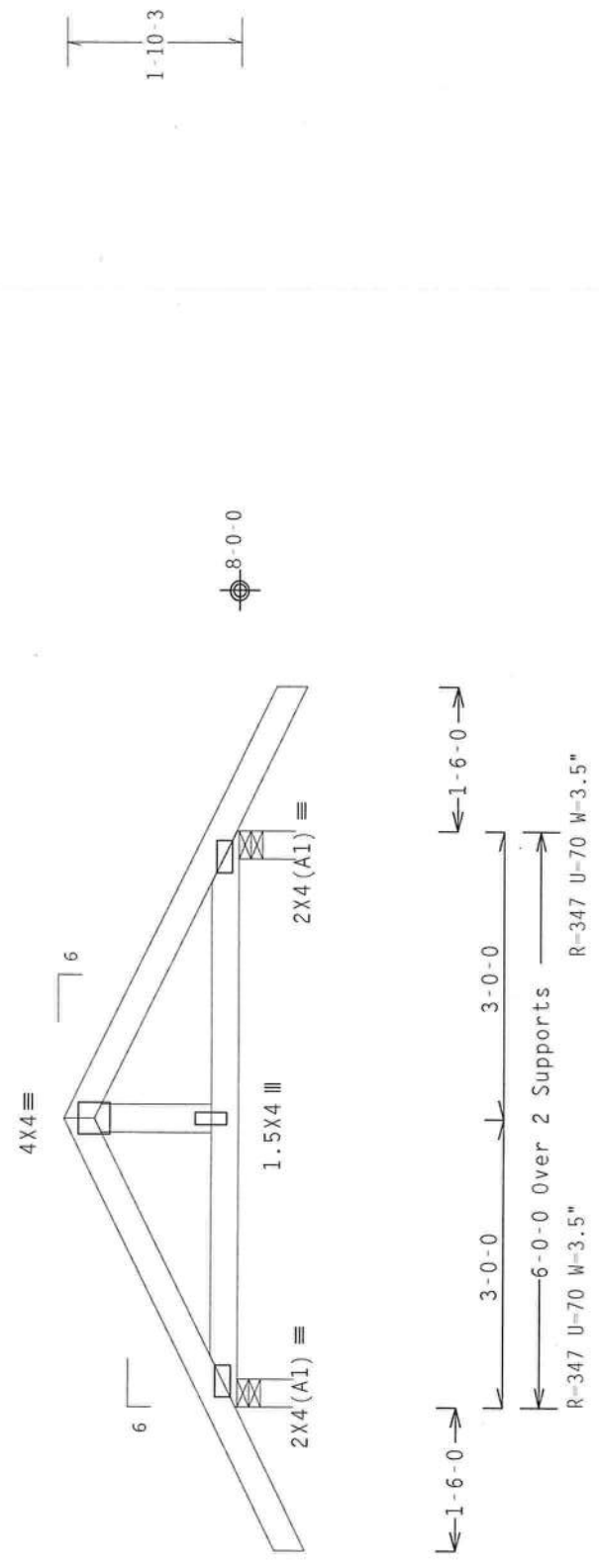
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

Roof overhang supports 2.00 psf soffit load.

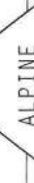
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

110 mph wind, 15.00 ft mean hgt, ASCE 7-02, PART-ENC. bldg, located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ $G_{Cp1}(+/-)=0.55$

Wind reactions based on MWFRS pressures.



Design Crit: TPI-2002(STD)/FBC
Ca/RT=1.00(1.25)/0.0

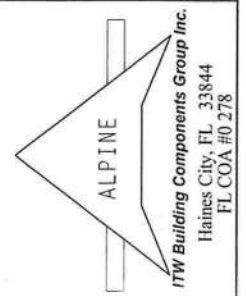
PLT TYP. Wave		ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	Design Crit: TPI-2002(STD)/FBC Cq/RT=1.00(1.25)/0.0	7.36.0424.12	QTY: 2	FL/-/4/-/-/R/-	Scale = .5"/Ft.	TPI-2002(STD)/FBC	
								Cq/RT=1.00(1.25)/0.0	
								TPI-2002(STD)/FBC	
								Cq/RT=1.00(1.25)/0.0	
								TPI-2002(STD)/FBC	
								Cq/RT=1.00(1.25)/0.0	
WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22304) AND RTCA (ROOF 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 THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR THE FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF THE TRUSS. DESIGN COMPLIES WITH APPLICABLE PROVISIONS OF BOSS NATIONAL DESIGN SPECIFICATIONS. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (H/M/SS/S) ASTM A563 GRADE 40/60 (W, K/M/SS) GALV., STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS BRACING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.									
									
TC LL 20.0 PSF TC DL 10.0 PSF BC DL 10.0 PSF BC LL 0.0 PSF TOT.LD. 40.0 PSF DUR.FAC. 1.25 SPACING 24.0"									
REF R8228- 55299 DATE 01/08/09 DRW HCUSR8228 09008015 HC-ENG DAL/AP * SEQN- 81880 FROM AH JREF- 1T058228Z03									



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 STREET STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND RICA (ROOFING & INSULATION COUNCIL OF AMERICA, 6300 INTERPRESS, NORTON, VA, 22184) FOR 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 BCS (NATIONAL DESIGN SPEC, BY ACPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (H-H/SS/H) 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANNEX TPI 1 SEC. 2.



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

Roof overhang supports 2.00 psf soffit load.

Truss spaced at 24.0" OC designed to support 1.0-0 top chord
outlookers. Cladding load shall not exceed 10.00 PSF. Top chord must
not be cut or notched.

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

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

MEMBER TO BE Laterally Braced for Out of Plane Wind Loads to
Truss. Bracing System to be Designed and Furnished by Others.

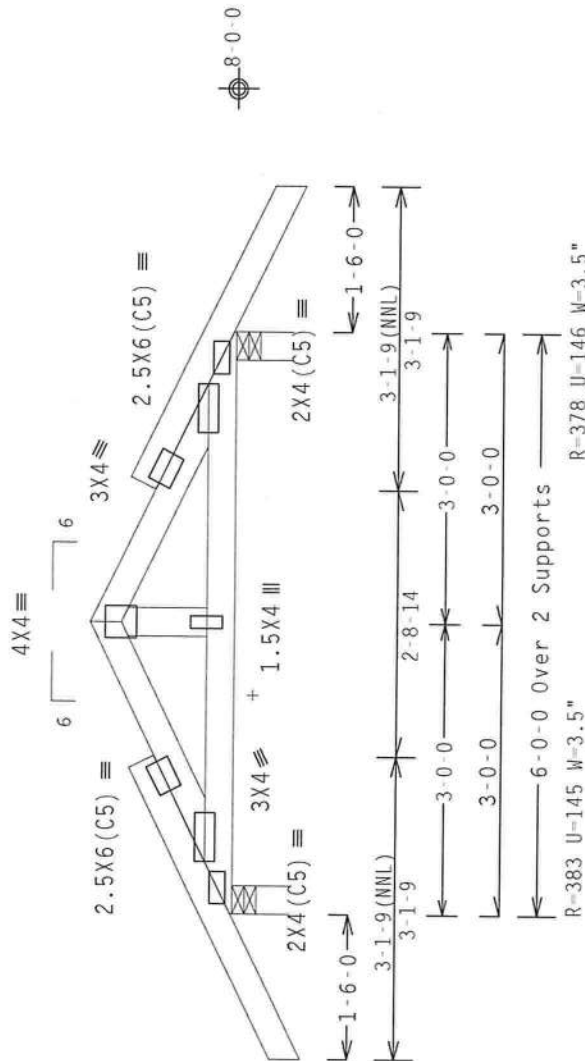
See DWGS A13015EE0405 & GBLETTIN0405 for more requirements.

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

Wind reactions based on MWFRS pressures.

Stacked top chord must NOT be notched or cut in area (NNL). Dropped
top chord braced at 24" o.c. intervals. Attach stacked top chord
(SC) to dropped top chord in notched area using 3x4 tie-plates 24"
o.c. Center plate on stacked/dropped chord interface, plate length
perpendicular to chord length. Splice top chord in notched area
using 3x6.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF
THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS,
AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST
PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL
CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.



Design Crit: FBC CODE/TPI-2002 (STD)

FT/RT=20%(0)/0(0)

QTY:1

FL/-4/-/-R/-

Scale = .5"/Ft.

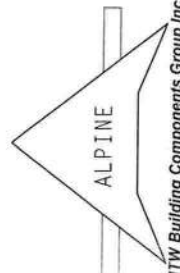
PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING.
PLEASE READ THE FOLLOWING INFORMATION: PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218
NORTH LEE STREET, SUITE 102, MADISON, WI 53715. THIS INFORMATION IS FOR INFORMATIONAL PURPOSES ONLY.
ENTERPRISE LANE, MADISON, WI 53715. FOR SAFETY PRACTICES, PLEASE FOLLOW THE INSTRUCTIONS, 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. THE 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 HUD NATIONAL DESIGN SPEC, BY AREA AND TPI.
CORRECTOR PLATES ARE MADE OF 2018/166A (A-H/SS/PS) ASTM A553 GRADE 40/60 (A, K/H,SS) GALV. STEEL. APPLY
PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2.
A SEAL ON THIS DRAWING INDICATES THE QUALITY OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT
DESIGNER SHOWN. THE QUALITY OF PROFESSIONAL ENGINEERING RESPONSIBILITY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE
BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



TC LL	20.0 PSF	REF	R8228- 55300
TC DL	10.0 PSF	DATE	01/08/09
BC DL	10.0 PSF	DRW	HCUSR8228 09008005
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN	119125
DUR.FAC.	1.25		
SPACING	SEE ABOVE	JREF	1T058228203



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

	Top chord	2x4	SP	Dense
	Bot chord	2x4	SP	Dense
	Webbs	2x4	SP	Dense

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

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

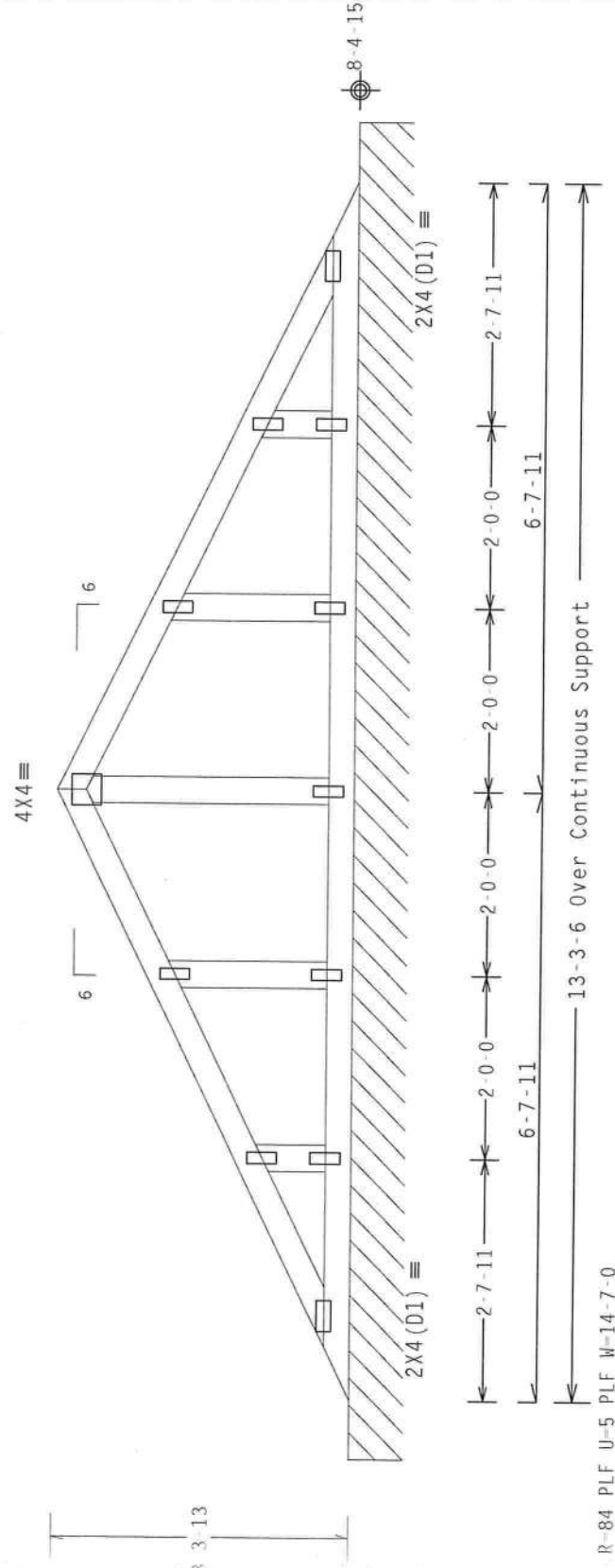
Wind reactions based on MWFRS pressures.

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

See DWG VALTRUSS0207 for valley details.

THE BUILDING DESIGNER IS RESPONSIBLE FOR THE DESIGN OF THE ROOF, FLOOR AND CEILING DIAPHRAGMS, GABLE END SHEAR WALLS, AND SUPPORTING SHEAR WALLS. DIAPHRAGMS AND SHEAR WALLS MUST PROVIDE CONTINUOUS LATERAL RESTRAINT TO THE GABLE END. ALL CONNECTIONS ARE TO BE PROVIDED BY THE BUILDING DESIGNER.

See DWGS A13015EE0405 & GBLLETIN0405 for more requirements.



Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC CODE/TPI-2002(STD)

PLT TYP. Wave

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

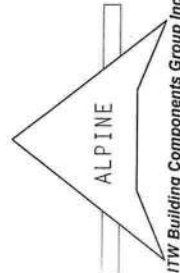
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BC DL	10.0	PSF	DRW	HCUSR8228	09008021
BC LL	0.0	PSF	HC-ENG	DF/DF	
TOT.LD.	40.0	PSF	SEQN-	119129	
DUR.FAC.	1.25				
SPACING	SEE ABOVE		JREF-	1T058228Z03	



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ANDERDURHAM, VA, 22014) AND MTA (WOOD TRUSS COUNCIL OF AMERICA, 4300 INTERSTATE 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 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 THE DESIGN CONCEPTS, INCLUDING THE SHIPPING, INSTALLING & BRACING OF TRUSSES.

CONNECTIONS TO BE MADE TO THE TRUSS SHALL BE IN ACCORDANCE WITH THE FOLLOWING: 1. ALL TRUSS TO TRUSS CONNECTOR PLATES ARE HANDLING OF 2D18/16GA OR A572/50 ASTM GRADE 40/50 W/ 4X4-5S GALV. STEEL. ITW BCG SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSS TO TRUSS CONNECTIONS. 2. ALL TRUSS TO TRUSS CONNECTOR PLATES TO EACH FACE OF TRUSS, AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DIMENSIONS 160A-2 SHALL BE USED. 3. ALL TRUSS TO TRUSS CONNECTIONS SHALL BE MADE TO THE TRUSS COMPONENTS IN ACCORDANCE WITH THE DIMENSIONS SHOWN. 4. ALL TRUSS TO TRUSS CONNECTIONS SHALL BE MADE TO THE TRUSS COMPONENTS IN ACCORDANCE WITH THE DIMENSIONS SHOWN. 5. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.



ITW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

JREF- 1T058228Z03

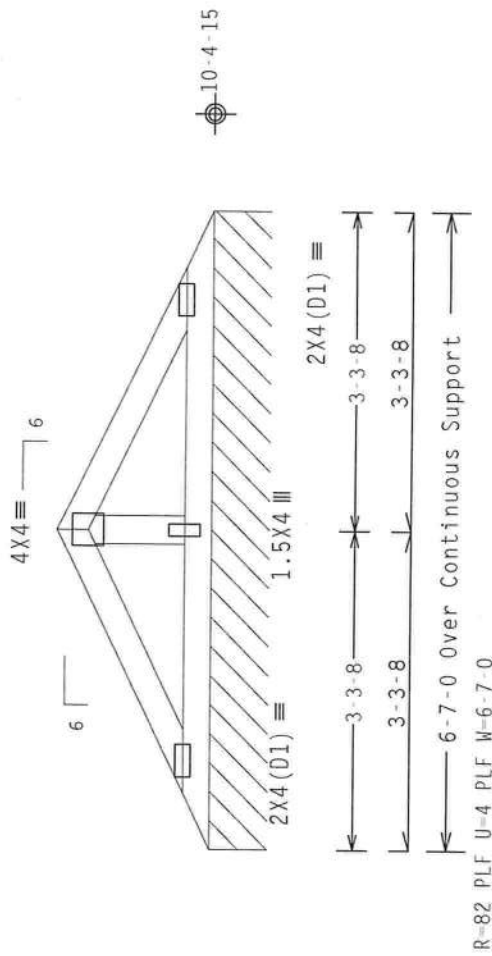
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MMFRS pressures.

See DWG VALTRUSS0207 for valley details.



PLT TYP. Wave

Design Crit: FBC CODE/TPI-2002(STD)

FT/RT=20%(0%)/0(0)

7.36.00.0424-11

QTY: 1

FL/-/4/-/-/R/-

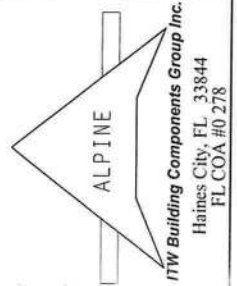
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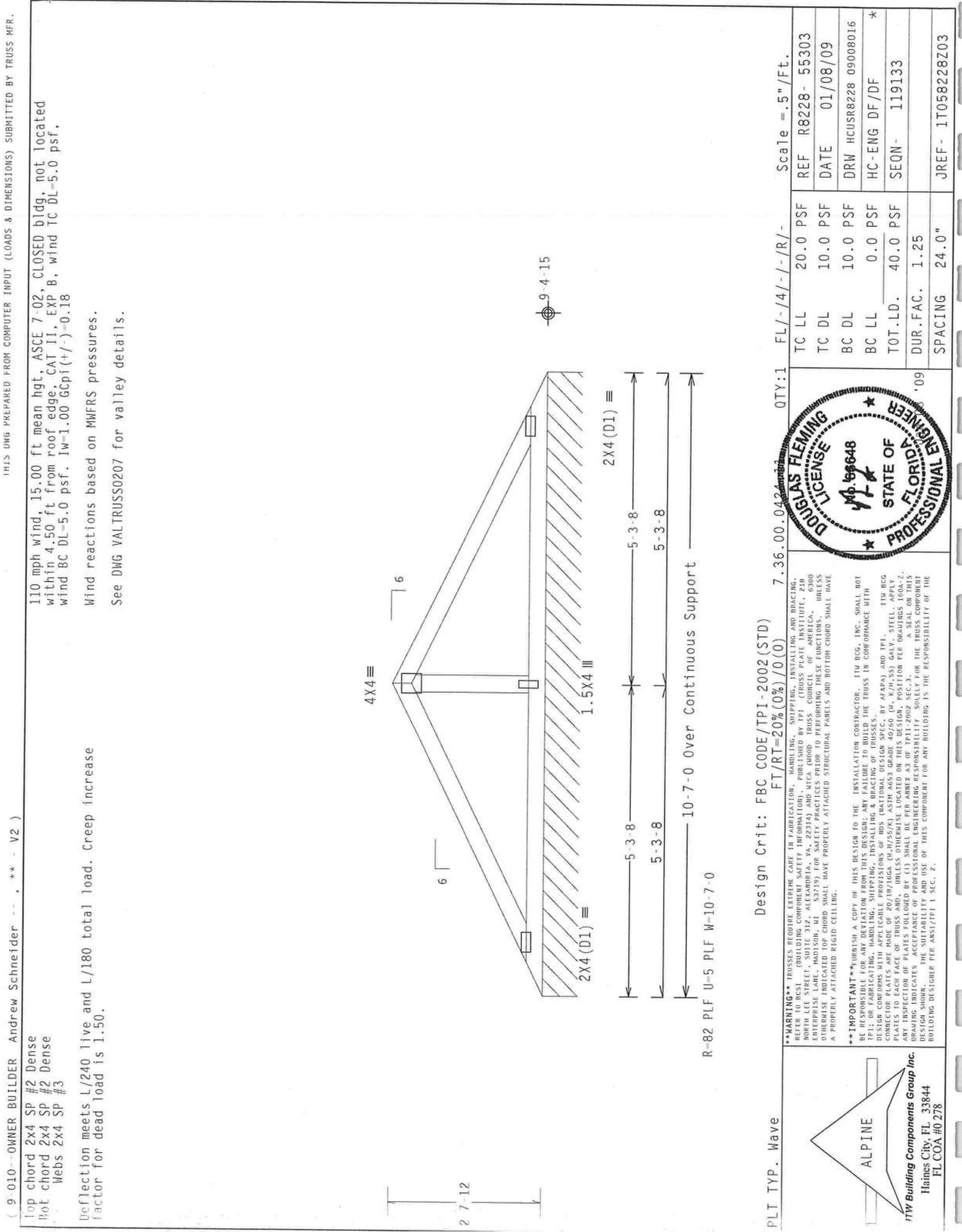
TC LL	20.0 PSF	REF	R8228- 55302
TC DL	10.0 PSF	DATE	01/08/09
BC DL	10.0 PSF	DRW	HCUSR8228 09008017
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN-	119137
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1T058228Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. READING AND UNDERSTANDING THE TRUSS MANUFACTURER'S INSTRUCTIONS AND SAFETY INFORMATION, PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALPHARETTA, GA 30004) IS THE RESPONSIBILITY OF THE USER. TRUSSES ARE DESIGNED FOR THE SPECIFIC 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. THE BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. THE BCG CONNECTOR PLATES ARE MADE OF 2018/1664 (2018/1664) ASTM A653 GRADE 40/60 (N. K/H-55) GALV. STEEL. APPLY A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER'S 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 AIA/TPI 1 SEC. 2.





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

(9-010--OWNER BUILDER Andrew Schneider -- , ** - V2)

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 GCpl(+/-)-0.18

Wind reactions based on MMFRS pressures.

See DWG VALTRUSS0207 for valley details.

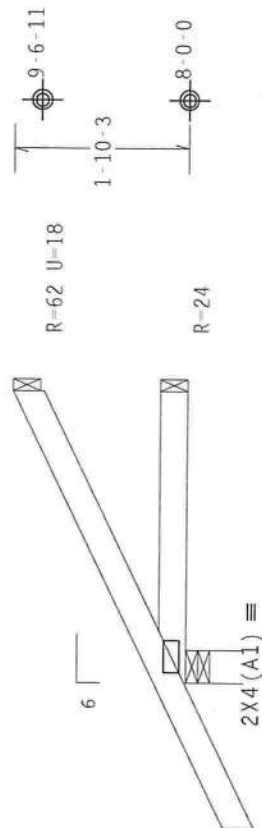
PLT TYP. Wave		Design Crit: FBC CODE/TPI-2002 (STD) FT/RT=20%(0%)/0(0)		7.36.00.042	QTY: 1	FL/-4/-/-/R/-	Scale =.5"/Ft.
ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278		**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND DRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 214 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND METCA (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 THE CONSTRUCTION OF THIS DESIGN. THIS FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING, OR DRACING INSTRUCTIONS. DESIGN CONFORMS WITH APPLICABLE REQUIREMENTS OF RIS (NATIONAL DESIGN BY AREA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/19/16GA (H/H/SS/K) ASH A653 GRADE 40/50 (H, K/H-SS) GALV. STEEL. APPROX. PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.			TC LL	20.0 PSF	REF R8228- 55303
		TC DL	10.0 PSF	DATE 01/08/09			
		BC DL	10.0 PSF	DRW HCUSR8228 09008016			
		BC LL	0.0 PSF	HC-ENG DF/DF *			
		TOT.LD.	40.0 PSF	SEQN- 119133			
		DUR.FAC.	1.25				
		SPACING	24.0"	JREF- 1T058228Z03			

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

1110 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. lw=1.00 GCpi (+/-)-0.18

blind reactions based on MWFRS pressures.

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



1-6-07

3-0-0 Over 3 Supports
3-262 U-26 W-4"

ULT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

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

QTY: 8

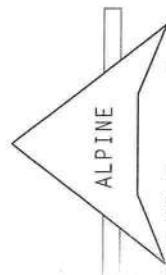
FL/-/4/-/-/R/-

Scale = .5"/Ft.

WARNING: TROUSSES PROVIDE EXTREME CASE IN INFORMATION, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING COMPONENT SAFETY INFORMATION, PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22314, AND WPCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 HENTERSHIP 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 PROPERLY ATTACHED RIGID CEILING.

*****IMPORTANT*****FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITH BCG, INC., SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE TRUSS DESIGN SHALL BE THE RESPONSIBILITY OF THE INSTALLATION CONTRACTOR. THE TRUSS DESIGN IS THE PROPERTY OF ITH BCG, INC. AND SHALL REMAIN THE PROPERTY OF ITH BCG, INC. IF THE TRUSS IS REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF ITH BCG, INC., THE USER SHALL BE RESPONSIBLE FOR ANY VIOLATION OF THE APPLICABLE LAWS. THE TRUSS DESIGN IS NOT TO BE USED FOR ANY OTHER PURPOSES THAN THE ONE FOR WHICH IT WAS DESIGNED. THE TRUSS DESIGN IS NOT TO BE USED FOR ANY OTHER PURPOSES THAN THE ONE FOR WHICH IT WAS DESIGNED. THE TRUSS DESIGN IS NOT TO BE USED FOR ANY OTHER PURPOSES THAN THE ONE FOR WHICH IT WAS DESIGNED.

DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (AMERICAN INSTITUTE OF STEEL CONSTRUCTION) SPEC., (BY AISC) AND TPI. ALL TRUSS CONNECTOR PLATES ARE MADE OF 2019/166A (W-155/8) ASTM A563 GRADE 40/60 (W-155/8) GALV. STEEL, ALL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIONING FOR DRAPINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAPING 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 AMER A3/TPI 1 C. 2.



TTW Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

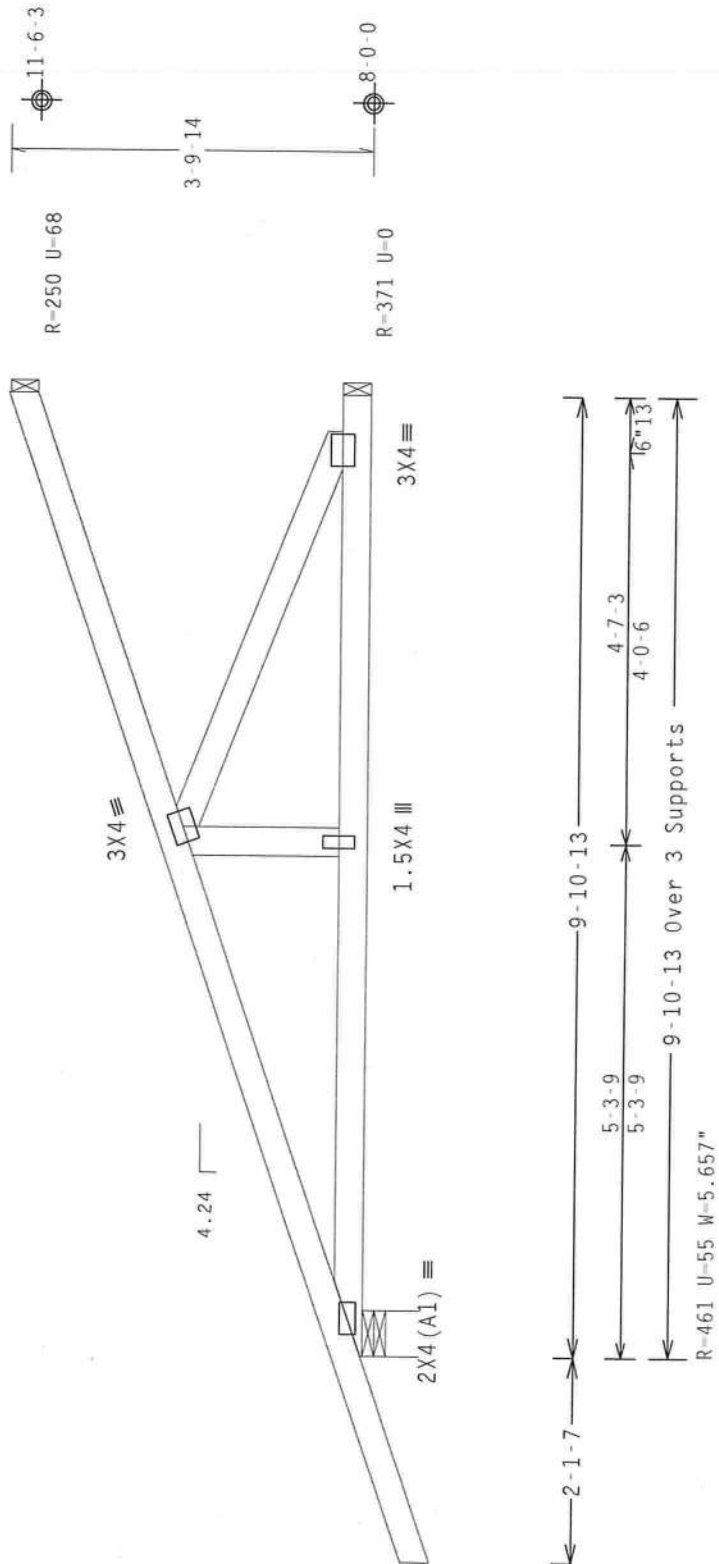


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TC DL	10.0	PSF	DATE	01/08/09
BC DL	10.0	PSF	DRW	HCUSR8228 09008008
BC LL	0.0	PSF	HC-ENG	HM/AP *
TOT.LD.	40.0	PSF	SEQN-	26187
DUR.FAC.	1.25			
SPACING	24.0"		JREF-	1T058228Z03

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 GCpl(+/-)=0.18

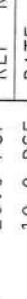
Wind reactions based on MWFRS pressures.

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



LT TYP.	Wave	Design Crit: FBC CODE/TPI-2002 (STD)	FT/RT=20%(0%)/0(0)
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Scale = .5"/Ft.



ALPINE

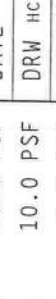
ALPINE Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

TO: **TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 112, ALEXANDRIA, VA 22304**

FROM: **ALPINE BUILDING COMPONENTS GROUP, 1000 ENTERPRISE LANE, MADISON, WI 53719**

RE: **FOR SAFETY PRACTICES RELATIVE TO PERFORMING THE FUNCTIONS, UNLESS OTHERWISE LABELED, 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 CONTRACTOR WHO WOULD BUILD THE TRUSS IN COMPLIANCE WITH THE DESIGN OF FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF THE TRUSS SHALL BE RESPONSIBLE FOR THE DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (NATIONAL DESIGN SPEC. BY AISC) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/10/16GA (W-8/55/K) A516M A563 GRADE 40/60 (K/55) GALV. STEEL. STEEL PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWING C-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER AMERICAN A3 OF TPI-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 AISC/TPI 1 SEC. 2.



DOUGLAS FLEMING
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE No. 66648

TC LL	20.0	PSF	REF	R8228- 55305
TC DL	10.0	PSF	DATE	01/08/09
BC DL	10.0	PSF	DRW	HCUSR8228 09008006
BC LL	0.0	PSF	HC-ENG	DF/DF
TOT.LD.	40.0	PSF	SEQN-	119060
DUR.FAC.	1.25			
SPACING	SEE ABOVE		JREF -	1T058228Z03

Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3 :W4 2x4 SP #2:

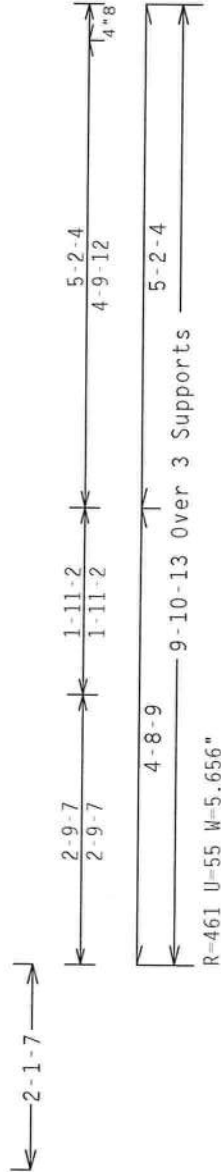
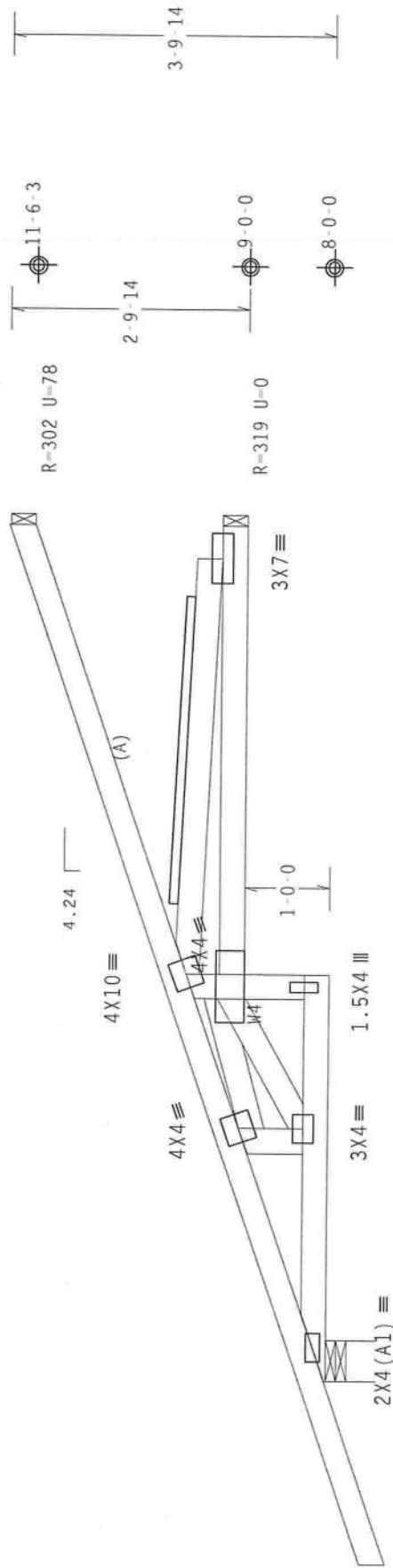
(A) 1x4 #3SRB SPF-S or better "I" brace. 80% length of web member.
Attach with 8d Box or Gun (0.113"x2.5".min.)nails @ 6" OC.

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

110 mph wind, 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, 1w=1.00 GCpi (+/-)-0.18

Wind reactions based on MWFRS pressures.

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



Design Crit: FBC CODE/TPI-2002 (STD)

FT/RT-20% (0%) /0 (0)

QTY: 1

FL/- /4/- /- /R/-

Scale = .5" /Ft.

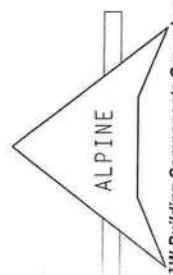
LT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. THE TRUSS IS TO BE USED IN CONFORMANCE WITH THE BUILDING CODES, (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, ALEXANDRIA, VA 22314) AND MTGA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LANE, MADISON, WI 53719). THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS BEING PROPERLY ATTACHED TO THE STRUCTURE. THE TRUSS MANUFACTURER 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. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH TPI'S OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. THE TRUSS MANUFACTURER SHALL BE RESPONSIBLE FOR THE TRUSS BEING PROPERLY ATTACHED TO THE STRUCTURE. THE TRUSS MANUFACTURER SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.



TC LL	20.0 PSF	REF	R8228- 55306
TC DL	10.0 PSF	DATE	01/08/09
BC DL	10.0 PSF	DRW	HCUSR8228 09008011
BC LL	0.0 PSF	HC-ENG	DF/DF
TOT.LD.	40.0 PSF	SEQN-	119076
DUR.FAC.	1.25	FROM	AH
SPACING	SEE ABOVE	JREF-	1T058228Z03



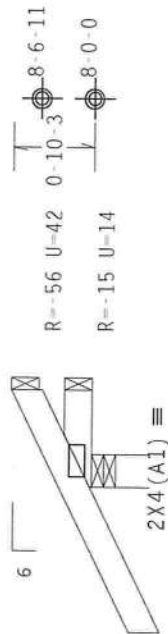
11W Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

Wind reactions based on MWFRS pressures.

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

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



← 1'-6'-0 →
1'-0'-0 Over 3 Supports
R-254 U-50 W-4"

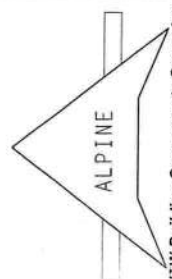
ALT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

Cq/RT=1.00(1.25)/10(0) 7.36.0424 12 QTY:8 FL/-/4/-/-/R/- Scale =.5"/Ft.



TC LL	20.0 PSF	REF	R8228 - 55308
TC DL	10.0 PSF	DATE	01/08/09
BC DL	10.0 PSF	DRW	HCUSR8228 09008009
BC LL	0.0 PSF	HC-ENG	HM/AP
TOT.LD.	40.0 PSF	SEQN	26181
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1T058228Z03



11W Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. WITH THESE TRUSSES, THE USER MUST BE RESPONSIBLE FOR THE FOLLOWING COMPONENT SAFETY INFORMATION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 100, MADISON, WI 53719) FOR SAFETY OF THE USER. THE USER MUST BE RESPONSIBLE FOR 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. ITU 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. ITU BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AIA/AS) GALV. STEEL. APPLY CONNECTOR PLATES ARE MADE OF 2010/166A (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-2. INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES THE SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUFFICIENCY OF THE USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER AIA/TPI 1 SEC. 2.

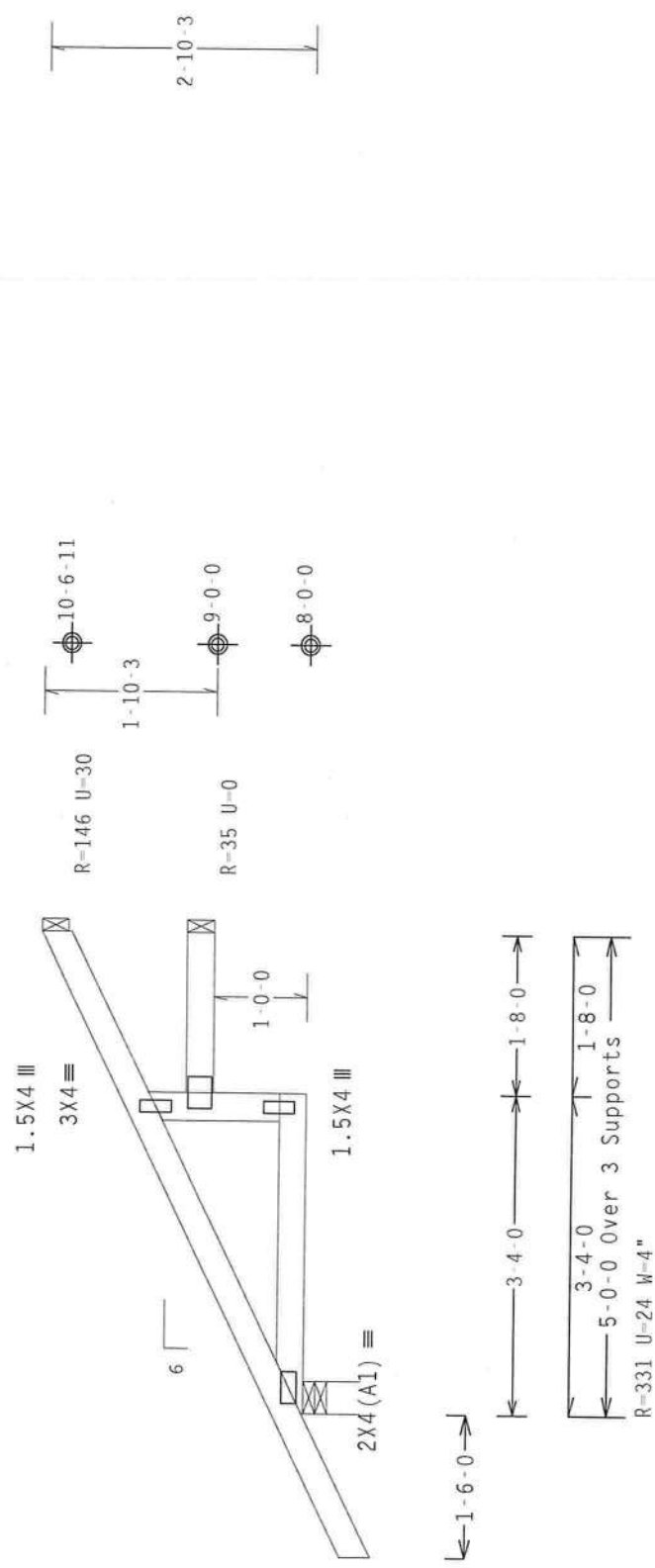
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

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. $I_w=1.00$ $G_{Cpi}(+/-)=-0.18$

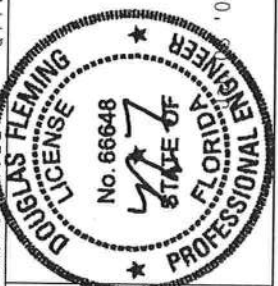
Wind reactions based on MWFRS pressures.



LT TYP. Wave

Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

QTY: 2 FL/-/4/-/-/R/- Scale = .5" / Ft.



TC LL	20.0 PSF	REF	R8228 - 55309
TC DL	10.0 PSF	DATE	01/08/09
BC DL	10.0 PSF	DRW	HCUSR8228 09008012
BC LL	0.0 PSF	HC-ENG	DF/DF *
TOT.LD.	40.0 PSF	SEQN	119064
DUR.FAC.	1.25		
SPACING	24.0"	JREF	1T058228Z03

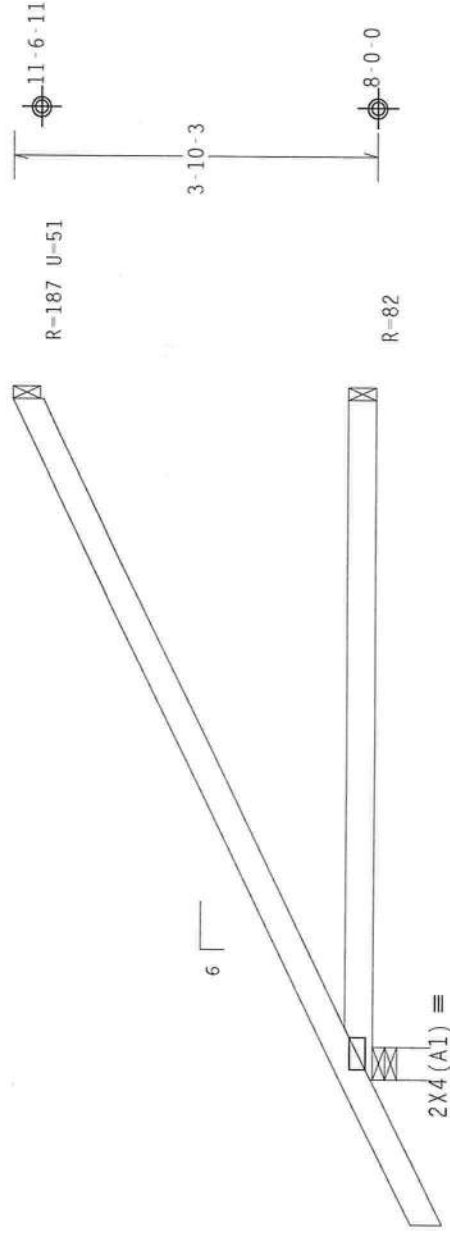
ALPINE
NW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

****WARNING**** BRASSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST BUILDING CONSTRUCTION PRACTICES (BIBB) FOR TRUSS CONSTRUCTION. PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 210 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA 22304) AND THE 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 TABELLS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIDGE CEILING.

****IMPORTANT**** FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. THE REG. ENG. 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. THE REG. ENG. SHALL DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF AISC (RATIONAL DESIGN SPEC, BY AISC) AND TPI. THE REG. ENGINEER OR PLATES ARE MADE OF 2018/16GA (40/55/K) ASTM A653 GRADE 40/50 (40/50 (K, 5/8, 55) GALV. STEEL. APPLY ANY INSPECTION OF PLATES. UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. A SEAL ON THIS DESIGN INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEER. THE RESPONSIBILITY 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.

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. $I_w=1.00$ Gcpi $(+/-)=0.18$

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



7-6-07

7-0-0 Over 3 Supports

R=408 U=25 W=4"

PLT TYP. Wave

Design Crit: TPI-2002(STD)/FBC

$$Ca/RT=1.00(1.25)/10(0)$$

QTY:16 FL/-/4/-/-/R/-

Scale = .5"/Ft.

TC LL	20.0	PSF	REF R8228- 55310
TC DL	10.0	PSF	DATE 01/08/09
BC DL	10.0	PSF	DRW HCUSR8228 09008010
BC LL	0.0	PSF	HC-ENG SSB/AP *
TOT.LD.	40.0	PSF	SEQN- 22796
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1T058228Z03



****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BEST AVAILABLE COMPONENT SAFETY INFORMATION, AND MITICA (TRUSS PLATE INSTITUTE, 2300 NORTH ST. STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND APCA (WOOD TRUSS COUNCIL OF AMERICA, 63575) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROBABLY ATTACHED RIGID JOINTS.

IMPORTANT—FURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITN BCG, INC. SHALL NOT BE RESPONSIBLE FOR THIS DESIGN; ANY FAILURE TO BUILD THE TRUSS IN CONFORMANCE WITH THE DESIGN OR FABRICATING/HANDLING THEREOF SHALL BE THE RESPONSIBILITY OF THE TRUSSER. THIS DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF IBCS (NATIONAL INSTITUTE OF BUILDING CODES), THE ITC BCG CONNECTOR PLATES ARE MADE OF 2019/16GA. (U.S. A663 GRADE 40/60) K/5055 GALV. STEEL. THE BCG PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE NOTED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ABEX A3 OF TPI-2002 SEC.3, A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING EXCLUSIVELY 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.



ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

(9-010--OWNER BUILDER Andrew Schneider -- , ** - EJ7A)

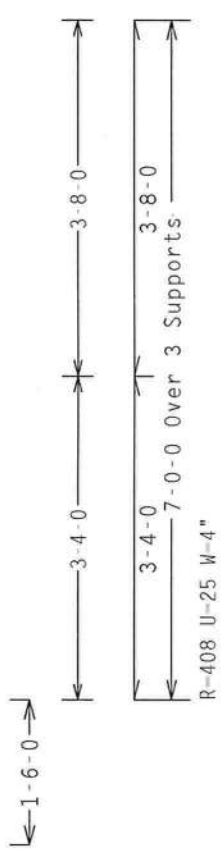
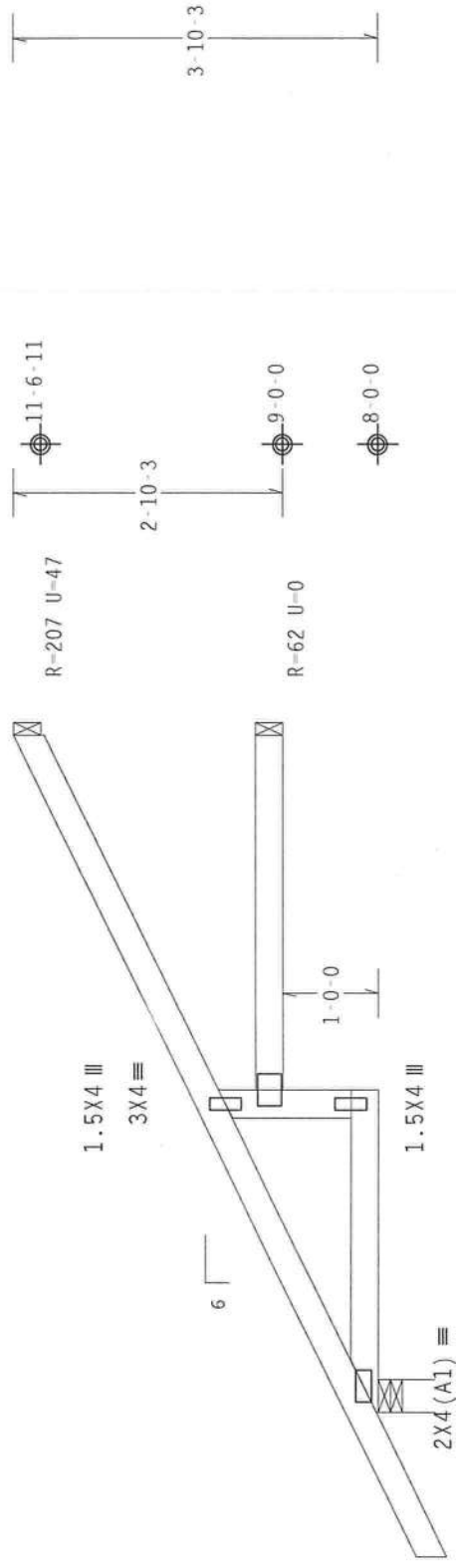
Top chord 2x4 Sp #2 Dense
Bot chord 2x4 Sp #2 Dense
Webs 2x4 Sp #2 Dense

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. $I_w=1.00$ $G_{CPI}(+/-)=0.18$

Wind reactions based on MWFRS pressures.



Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave	QTY: 2	FL/-/4/-/-/R/-	Scale = .5"/Ft.
	TC LL	20.0 PSF	REF R8228- 55311
	TC DL	10.0 PSF	DATE 01/08/09
	BC DL	10.0 PSF	DRW HCUSR8228 09008013
	BC LL	0.0 PSF	HC-ENG DF/DF
	TOT.LD.	40.0 PSF	SEQN- 119068
	DUR.FAC.	1.25	
	SPACING	24.0"	JREF- 1T058228Z03

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO UGSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND AISC (WOOD TRUSS, COUNCIL OF AMERICA, 6300 INTERPRESE 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**** TURNISH A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITU 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. ITU BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/P&A) AND TPI. ITU BCG CONNECTOR PLATES ARE MADE OF 20/10/16GA (W/H/55/K) ASTM A653 GRADE 40/60 (H, K/H-55) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 150A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-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.



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

(9-010--OWNER BUILDER Andrew Schneider --, ** - JIB)

Top chord 2x4 Sp #2 Dense
Bot chord 2x4 Sp #2 Dense

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

Wind reactions based on MWFRS pressures.

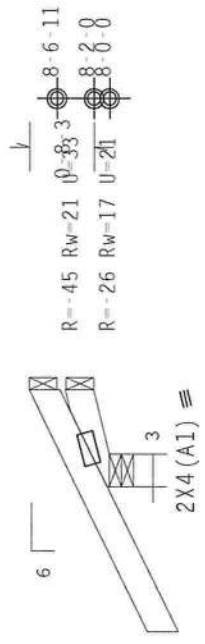
Shim all supports to solid bearing.

SPECIAL LOADS

----- (LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 62 PLF at -1.50 to 62 PLF at 1.00
BC - From 4 PLF at -1.50 to 4 PLF at 0.00
BC - From 21 PLF at 0.00 to 21 PLF at 1.00

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.



1'-6-0

1'-0-0 Overhang supports
R-254 U-51 W-4"

Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSE (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND DITCA (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 DAMAGE TO THE TRUSS OR TO THE BUILDING OR TO THE TRUSS INSTALLER OR TO THE TRUSS DESIGNER. THE TRUSS IS TO BE INSTALLED IN ACCORDANCE WITH THE TPI INSTALLATION MANUAL. THE TRUSS IS TO BE INSTALLED IN ACCORDANCE WITH THE TPI INSTALLATION MANUAL. THE TRUSS IS TO BE INSTALLED IN ACCORDANCE WITH THE TPI INSTALLATION MANUAL.

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0278

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

QTY: 4	FL/-/4/-/4/-/R/-	Scale = 5"/Ft.
TC LL	20.0 PSF	REF R8228- 55312
TC DL	10.0 PSF	DATE 01/08/09
BC DL	10.0 PSF	DRW HCUSR8228 09008030
BC LL	0.0 PSF	HC-ENG DF/DF
TOT.LD.	40.0 PSF	SEQN- 119215
DUR.FAC.	1.25	
SPACING	24.0"	JREF- 1T058228Z03

(9-010--OWNER BUILDER Andrew Schneider --, ** - HJ7B)

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

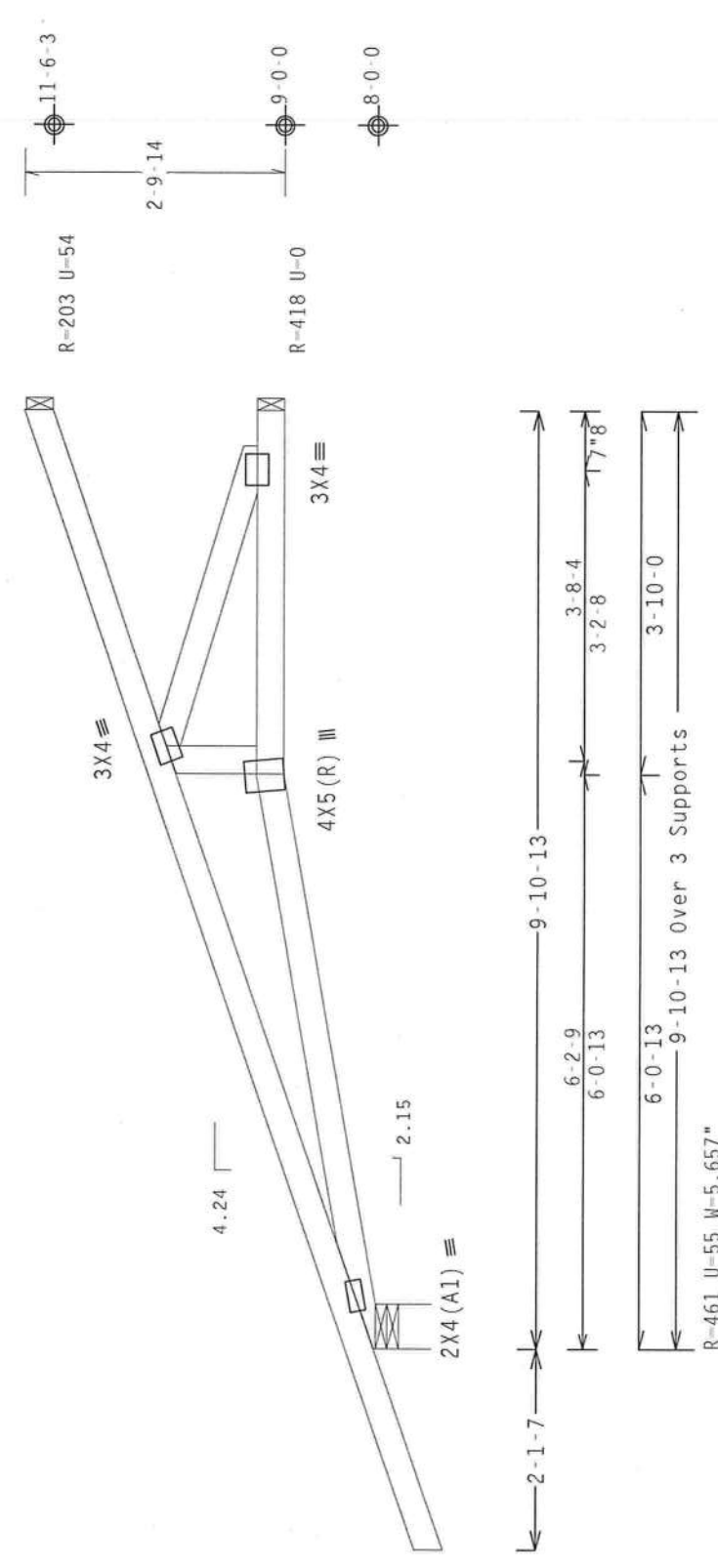
110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, Located anywhere in roof, CAT II, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0 psf. Iw=1.00 GCpl(+/-)-0.18

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

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.

Shim all supports to solid bearing.



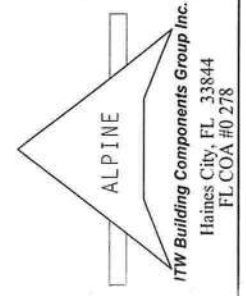
Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave	QTY: 2		FL/-/4/-/-/R/-		Scale = .5"/Ft.	
	TC LL	20.0 PSF	REF	R8228-	55313	
	TC DL	10.0 PSF	DATE	01/08/09		
	BC DL	10.0 PSF	DRW	HCUSR8228	09008028	
	BC LL	0.0 PSF	HC-ENG	DF/DF		
	TOT.LD.	40.0 PSF	SEQN-	119235		
DUR.FAC.		1.25				
SPACING		SEE ABOVE	JREF- 1T058228Z03			



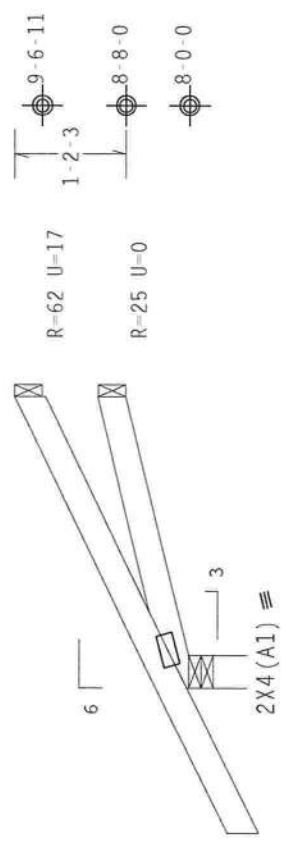
****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCST (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE), 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314 AND MICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 EMERSON LANE, HOUSTON, TX 77035) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

****IMPORTANT**** PROVIDE A COPY OF THIS DESIGN TO THE INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THE DESIGN. THE TRUSS IN CONFORMANCE WITH THE DESIGN SHALL BE FABRICATED, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC. BY AIA/PA) AND TPI. THE REG. CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/K) ASH 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 100A-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER AMER A3 OF TPI-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.



(9-010--OWNER BUILDER Andrew Schneider --, ** - J38)

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, Located anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpl(+/-)=0.18
Wind reactions based on MWFRS pressures.
Shim all supports to solid bearing.



1-6-0

3-0-0 Over 3 Supports
R-263 U=27 W=4"

Design Crit: FBC CODE/TPI-2002(STD)
FT/RT=20%(0%)/0(0)

PLT TYP. Wave	QTY: 4	FL/-/4/-/-/R/-	Scale = .5"/Ft.
	TC LL	20.0 PSF	REF R8228- 55314
	TC DL	10.0 PSF	DATE 01/08/09
	BC DL	10.0 PSF	DRW HCUSR8228 09008029
	BC LL	0.0 PSF	HC-ENG DF/DF
	TOT.LD.	40.0 PSF	SEQN- 119220
	DUR.FAC.	1.25	JREF- 1T058228Z03
SPACING		24.0"	

****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 BTCA (WOOD TRUSS COUNCIL OF AMERICA, 6300 INTERSTATE LANE, MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED ON THIS DRAWING, ALL TRUSSES 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. 1TH BCG CONNECTOR PLATES ARE MADE OF 2018/16GA (N/A/SS/2K) ASTM A653 GRADE 40/60 (N. K/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITION PER DRAWINGS 160A-2. ANY INSPECTION OF PLATES FOLLOWED BY (1) SHALL BE PER ANNEX A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGNER. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.

ITW Building Components Group Inc.
Haines City, FL 33844
FL COA #0 278

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

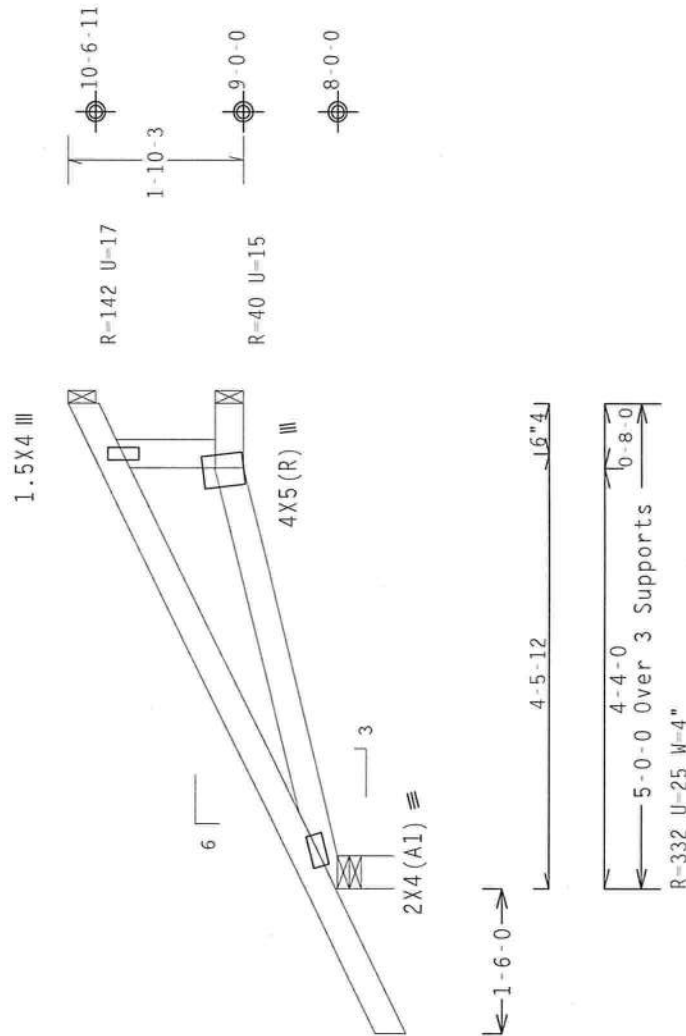
Roof overhang supports 2.00 psf soffit load.

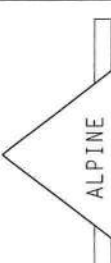
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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, $W=1.00 G_{CPI}(+/-)-0.18$

Wind reactions based on MWFRS pressures.

Shim all supports to solid bearing.



PLT TYP. Wave		Design Crit: FBC CODE/TPI-2002(STD) FT/RT=20%(0%)/0(0)		QTY: 4	FL/-/4/-/-/R/-	Scale =.5"/Ft.
 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278		**WARNING** TRUSSES REQUIRE EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSS (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI (TRUSS PLATE INSTITUTE, 218 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) AND NPGA (NATIONAL GROUND TRUSS, COUNCIL OF AMERICA, 6300 NORTH LEE STREET, SUITE 312, ALEXANDRIA, VA, 22314) FOR BEST PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PLATES AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.		7.36.00.042		
		IMPORTANT UNLESS 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, ITW BCG DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC., BY ACPA) AND TPI. ITW BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/ST) 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-2. ANY INSPECTION OF PLATES FOLLOWED BY (C) SHALL BE PER AMER A3 OF TPI-2002 SEC.3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER PER ANSI/TPI 1 SEC. 2.				
		TC LL	20.0 PSF	REF	R8228- 55315	
		TC DL	10.0 PSF	DATE	01/08/09	
		BC DL	10.0 PSF	DRW	HCUSR8228 09008025	
		BC LL	0.0 PSF	HC-ENG	DF/DF *	
		TOT.LD.	40.0 PSF	SEQN-	119224	
		DUR.FAC.	1.25			
		SPACING	24.0"	JREF-	1T058228Z03	

(9-010 - OWNER BUILDER AND
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

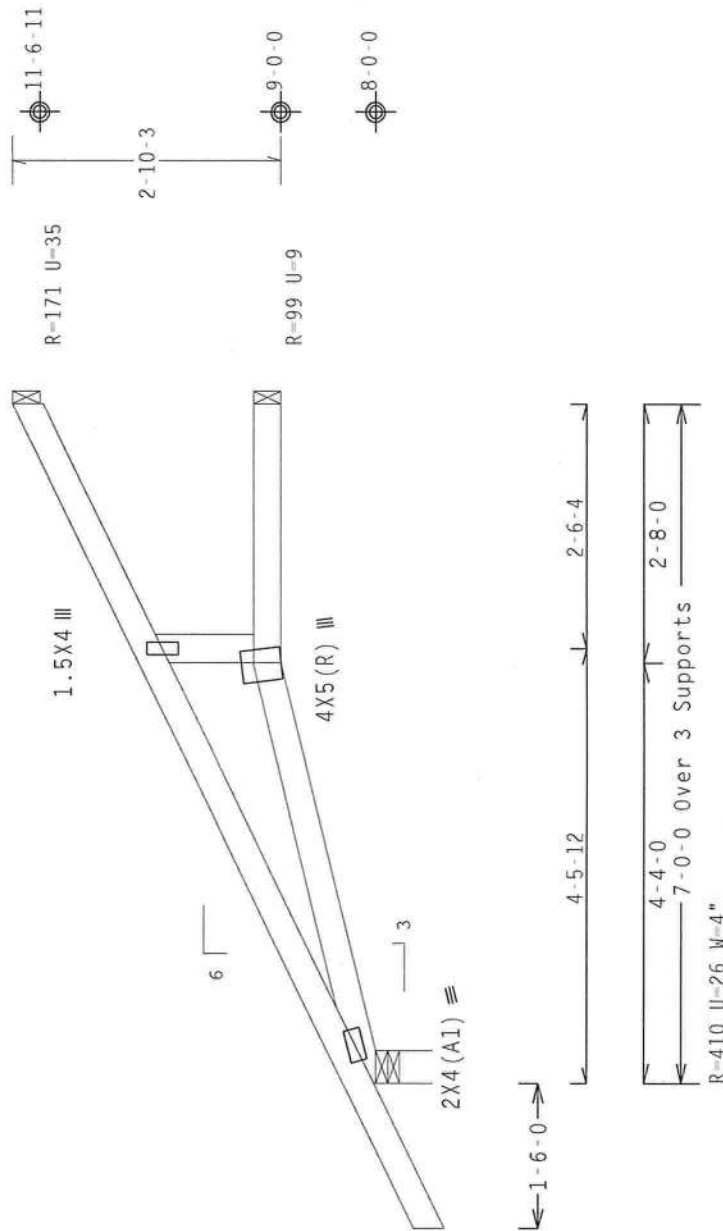
1110 mph wind, 15.00 ft mean hgt, ASCE 7-02, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpi(+/-)=0.18

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.

Wind reactions based on MWFRS pressures.

Shim all supports to solid bearing.



Design Crit: FBC CODE/TPI-2002(STD)

PLT TYP. Wave

QTY:9 FL 1-141-1-1R1-

Scale = 5"/Ft.

WARNING TRUSSES DO NOT EXHIBIT EXTREME CARE IN FABRICATION, HANDLING, SHIPPING, INSTALLING AND BRACING. THESE TRUSSES ARE NOT TO BE USED FOR ANY PURPOSES OTHER THAN THE NORTH LANE, SHUTTLE 312, ALABAMA (VA. 22314) AND VTC (NORFOLK ENTERPRISE LANE, SHUTTLE 312, VIRGINIA 23509) TRUSS CONNECTIONS. AMERICAN OVERSEAS, INC. (A.O.I.) IS NOT RESPONSIBLE FOR THE DESIGN OF THESE TRUSSES. THE USER OF THESE TRUSSES SHALL BE RESPONSIBLE FOR THE DESIGN OF THE TRUSSES. UNLESS OTHERWISE INDICATED TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE PROPERLY ATTACHED RIGID CHORDS.

[illegible]

TW Building Components Group Inc.
Haines City, FL 33844
FL CQA #0 278

JREF- 1T058228703

TOP CHORD FILLER DETAIL

+ 2X4 CONTINUOUS LATERAL BRACING AT 24" O.C.
MAXIMUM SPACING, ATTACH TO EACH TOP CHORD WITH
(2) 16d COMMON (0.162"X 3.5".MIN) NAILS.
BRACING MATERIAL TO BE SUPPLIED AND ATTACHED
AT BOTH ENDS TO A SUITABLE SUPPORT BY ERECTION CONTRACTOR.
+ 2X4 SO. PINE #2 N OR SPF #1/#2 FILLER TOP CHORD.

+++ 2X4 SO. PINE #3 OR SPF #1/#2 VERTICAL WEBS SPACED
48" OC MAXIMUM.

* 8/12 MAXIMUM PITCH.

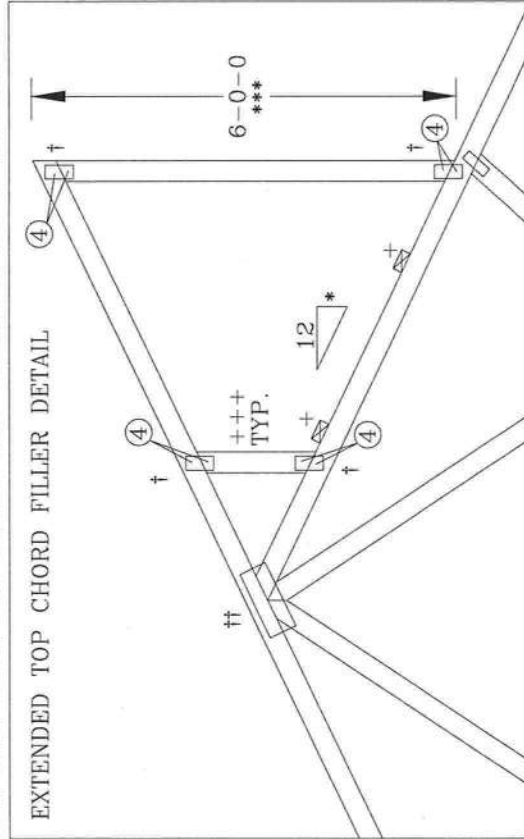
** 2X8.25 PIGGYBACK SPECIAL PLATE. SEE DRAWING PIGBACKB0699 FOR PIGGYBACK SPECIAL PLATE INFORMATION.

*** 6'0" MAXIMUM HEIGHT.

† W2X4 OR 3X6 TRULOX.

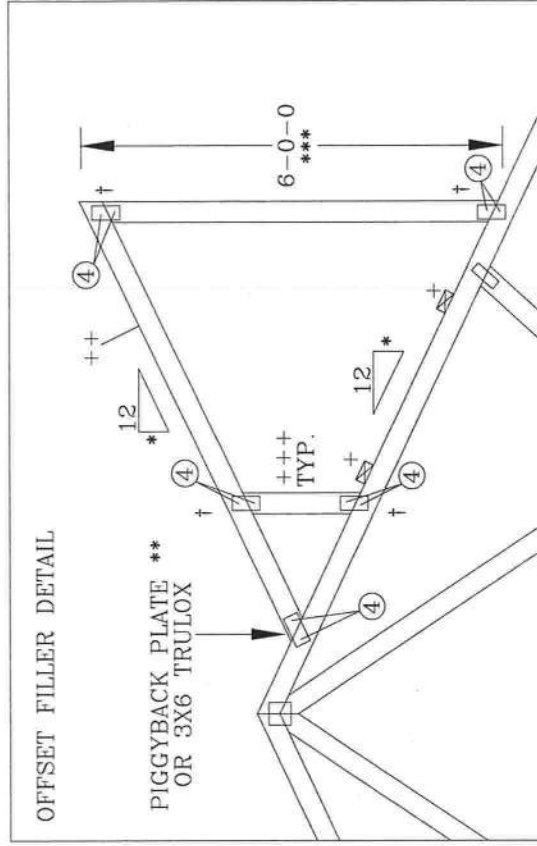
†† REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT SHOWN.

0.120"X 1.375" NAILS REQUIRED
FOR TRULOX PLATE ATTACHMENT. NAILS SPECIFIED
IN CIRCLES MUST BE APPLIED TO EACH FACE OF EACH TRUSS PLY.
SEE DWG. 1607L FOR NAILING AND TRULOX PLATE REQUIREMENTS



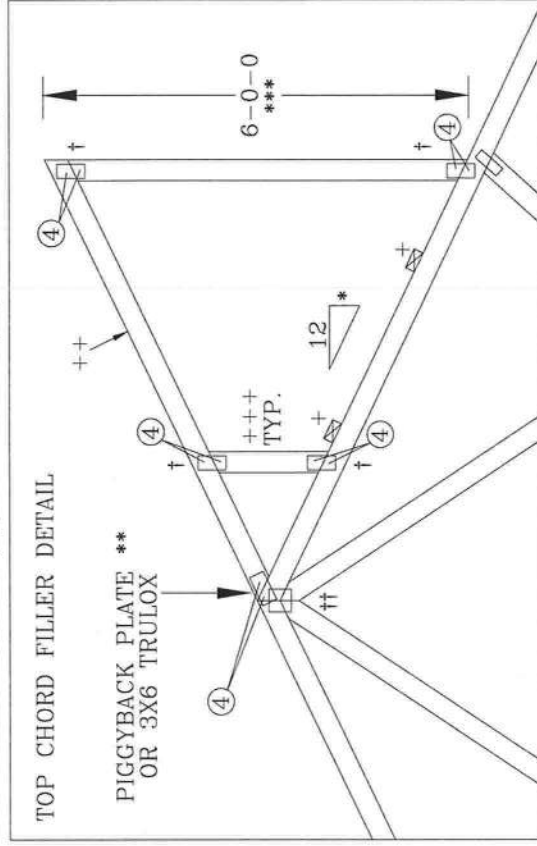
TOP CHORD FILLER DETAIL

PIGGYBACK PLATE
OR 3X6 TRULOX



OFFSET FILLER DETAIL

PIGGYBACK PLATE
OR 3X6 TRULOX



TOP CHORD FILLER DETAIL

PIGGYBACK PLATE
OR 3X6 TRULOX

THIS DRAWING REPLACES DRAWING 884.080									
TC LL	MAX 30	PSF	REF	TC-FILLER					
TC DL	MAX 15	PSF	DATE	2/23/07					
BC DL	MAX 10	PSF	DRWG	TCFILLER0207					
BC LL	0	PSF	-ENG	SJP/KAR					
TOT.	LD.	MAX 55	PSF						
DUR.	FAC.	1.15 OR 1.33							
SPACING		24.0"							

****WARNING**** TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND ERECTING. THE BUILDING DESIGNER SHALL BE RESPONSIBLE FOR OBTAINING SAFETY CERTIFICATION FROM THE TPI CRUSS PLATE INSTITUTE, 218 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22304, AND WICA (WOOD TRUSS COUNCIL OF AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719) FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A TOPPLY ATTACHED RIGID CEILING.

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITV BCG, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN. ANY FAILURE TO BUILD THE TRUSSES IN CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING OF TRUSSES. DESIGN CONFORMS WITH TPI OR FABRICABLE PROVIDIONS OF NDS NATIONAL DESIGN SPEC. BY AF&PA) AND ITV, BCG CONNECTOR PLATES ARE MADE OF 20/18/16GA (W/H/SS/A) ASTM A653 GRADE 40/60 (W/A/H/SS) GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND, UNLESS OTHERWISE LOCATED ON THIS DESIGN, POSITIONED AT 1' SPACING. ISOLATE ALL TRUSSES FROM WALLS BY USING AN ACCEPTABLE REFERENCE DESIGN. CONSULT TPI FOR SPECIAL DETAILING. THIS DRAWING INDICATES THE SUFFICIENCY OF PROFESSIONAL ENGINEERING RESPONSIBILITY. SEE SPECIAL DETAILING FOR 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.



ALPINE

JTW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

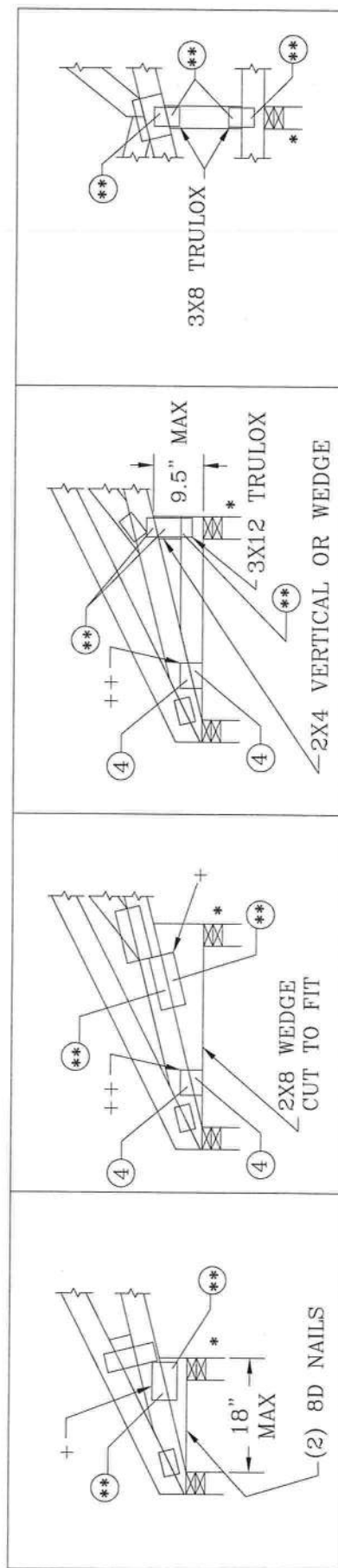
FILLER DETAIL

+	3X4	WAVE	OR	4X8	TRULOX
++	2X4	WAVE	OR	3X6	TRULOX

REFER TO ENGINEER'S SEALED DESIGN REFERENCING THIS
DETAIL FOR LUMBER, PLATES, AND OTHER INFORMATION NOT
SHOWN.

ALL TRULOX PLATES SHOWN ARE MINIMUMS. LARGER PLATES MAY BE REQUIRED TO ACCOMODATE REQUIRED NAILS (**)

FILLER BOTTOM CHORD OR WEDGE SPECIES	MAXIMUM REACTION		MINIMUM BEARING AREA	** REQUIRED NAILS PER FACE WITH TRULOX PLATES				
	DOWNWARD	UPLIFT		1.00 D.O.L.	1.15 D.O.L.	1.25 D.O.L.	1.33 D.O.L.	1.60 D.O.L.
DOUGLAS FIR-LARCH	3281#	1656#	1.5" X 3.5"	12	11	10	9	8
HEM-FIR	2126#	1095#	1.5" X 3.5"	9	8	7	7	6
SPRUCE-PINE-FIR	2231#	1192#	1.5" X 3.5"	10	9	8	8	6
SOUTHERN PINE DENSE	3465#	1791#	1.5" X 3.5"	12	11	10	9	8
SOUTHERN PINE	2966#	1492#	1.5" X 3.5"	10	9	8	8	7
SOUTHERN PINE NON-DENSE	2520#	1343#	1.5" X 3.5"	9	8	7	7	6



THIS DRAWING REPLACES DRAWINGS A115 A115/R & 884.132

ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POINCIANO BEACH, FLORIDA

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

****IMPORTANT**** FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTORS. ITV 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 CONFIRMS WITH APPLICABLE PROVISIONS OF NDS (NATIONAL DESIGN SPEC, BY AF&PA) AND TPI TRUSS MANUFACTURING CODE (TMC-2018/16GA QALHSS/ASTM A653 GRADE 40/46 QALHSS). GALVA STEEL, APPLY PLATES TO END JOINTS. SEE DETAIL DRAWINGS FOR ALL OTHER DETAILS. PER DESIGN POSITION PER DRAWINGS 160A-Z. ANY INSPECTION OF PLACES FORMERLY MARKED BY RED ANNEAL A3 OF TP 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

TC LL	—	PSF
TC DL	—	PSF
BC DL	10.0	PSF
BC LL	—	PSF
TOT'L LD.		
DUR. FAC.	1.0/1.15/1.25/1.33	
SPACING	24' 0"	

REF	BC FILLER
DATE	2/23/07
DRWG	BC/FILLER0207
-ENG	DLJ/KAR

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

BRACING GROUP SPECIES AND GRADES:			
GROUP A:			
SPRUCE-PINE-FIR	#1 / #2	STANDARD	STUD
	#3	STUD	STANDARD
DOUGLAS FIR-LARCH			
#3	STUD	STANDARD	
HEM-FIR			
#2	STUD	STANDARD	
SOUTHERN PINE			
#3	STUD	STANDARD	

GROUP B:			
SPRUCE-PINE-FIR	#1 & BTR		
	#1		
DOUGLAS FIR-LARCH			
#1	STUD	STANDARD	
#2	STUD	STANDARD	
SOUTHERN PINE			
#1	STUD	STANDARD	
#2	STUD	STANDARD	

GABLE TRUSS DETAIL NOTES:

LIVE LOAD DEFLECTION CRITERIA IS L/240.

PROVIDE UPLIFT CONNECTIONS FOR 135 PLF OVER CONTINUOUS BEARING (5 PSF TO DEAD LOAD).

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

ATTACH EACH "L" BRACE WITH 10d NAILS.

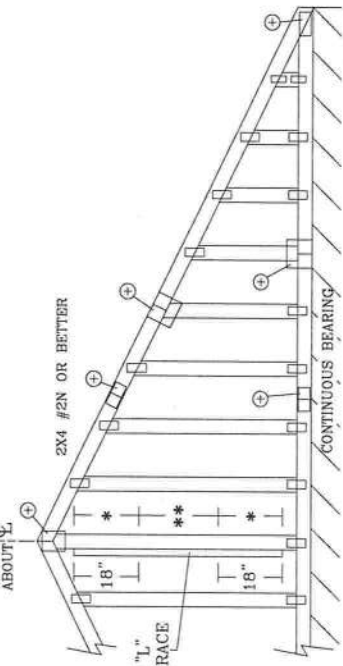
* FOR (1) "L" BRACE: SPACE NAILS AT 2' 0" O.C. IN 18" END ZONES AND 4' 0" O.C. BETWEEN ZONES.

** FOR (2) "L" BRACE: SPACE NAILS AT 3' 0" O.C. IN 18" END ZONES AND 6' 0" O.C. BETWEEN ZONES.

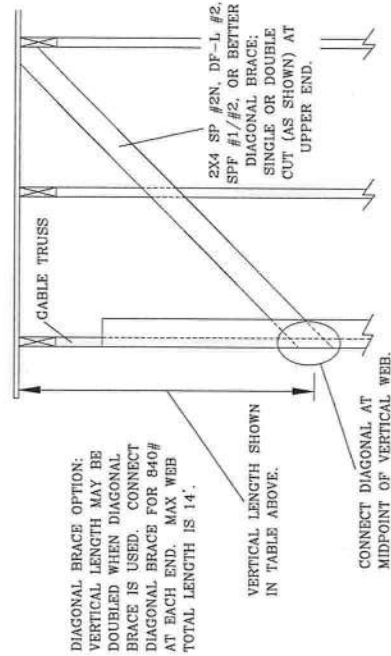
"L" BRACING MUST BE A MINIMUM OF 80% OF WEB MEMBER LENGTH.

CABLE VERTICAL PLATE SIZES		
VERTICAL LENGTH	NO SPICE	
LESS THAN 4' 0"	1X4 OR 2X3	
GREATER THAN 4' 0" BUT LESS THAN 11' 6"	2X4	
GREATER THAN 11' 6"	2.5X4	

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



REFER TO CHART ABOVE FOR MAX GABLE VERTICAL LENGTH.



ALPINE

ITW BUILDING COMPONENTS GROUP, INC.
POMPA BEACH, FLORIDA

DOUGLAS FLEMING
LICENSE
No. 66648
'09
STATE OF FLORIDA
PROFESSIONAL ENGINEER

MAX. TOT. LD. 60 PSF
MAX. SPACING 24.0"

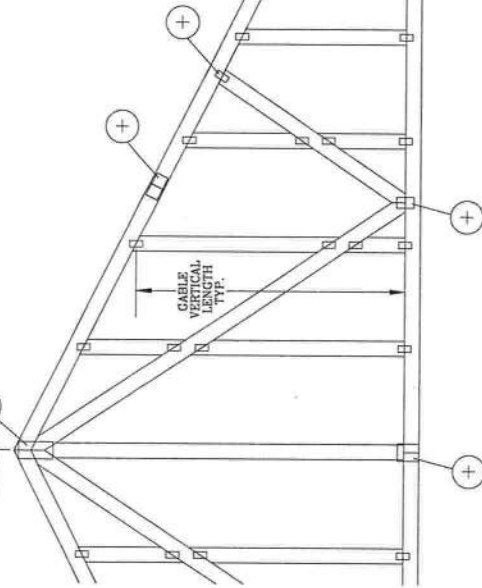
REF ASCE 7-02-CABI3015
DATE 2/23/07
DRWG A13015EB0207
-ENG

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

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCS, 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 AISI NATIONAL DESIGN SPEC. BY ACP&P AND TPI. BEARING CAPACITY OF EACH FACE OF EACH MEMBER SHALL BE 2000 LBS/INCH (2000 LBS/INCH) PER AISI DESIGN POSITION PER DRAWINGS 1604-Z. ANY INSPECTION OF PLATES FOLLOWED BY (3) SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

GABLE DETAIL FOR LET-IN VERTICALS

SYM.
ABOUT



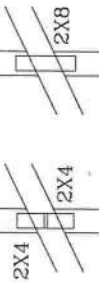
GABLE VERTICAL PLATE SIZES

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

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

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

EXAMPLE:



PROVIDE CONNECTIONS FOR UPLIFT SPECIFIED ON THE ENGINEERED TRUSS DESIGN.

ATTACH EACH "T" REINFORCING MEMBER WITH

HAND DRIVEN NAILS:

- 10d COMMON (0.148" X 3.0" MIN) TOENAILS AT 4" O.C. PLUS
- (4) 16d COMMON (0.162" X 3.5" MIN) TOENAILS IN TOP AND BOTTOM CHORD.

GUN DRIVEN NAILS:

- 8d COMMON (0.131" X 2.5" MIN) TOENAILS AT 4" O.C. PLUS
- (4) TOENAILS IN TOP AND BOTTOM CHORD.

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

- ASCE 7-93 GABLE DETAIL DRAWINGS
- A1015EN0207, A10015EN0207, A08015EN0207, A07015EN0207,
- A1030EN0207, A10030EN0207, A09030EN0207, A08030EN0207, A07030EN0207
- ASCE 7-98 GABLE DETAIL DRAWINGS
- A13015EC0207, A12015EC0207, A11015EC0207, A10015EC0207, A08515EC0207,
- A13030EC0207, A12030EC0207, A11030EC0207, A10030EC0207, A08530EC0207,
- ASCE 7-02 GABLE DETAIL DRAWINGS
- A13015EE0207, A12015EE0207, A11015EE0207, A10015EE0207, A08515EE0207,
- A13030EE0207, A12030EE0207, A11030EE0207, A10030EE0207, A08530EE0207
- ASCE 7-05 GABLE DETAIL DRAWING⁶
- A13015E50207, A12015E50207, A11015E50207, A10015E50207, A08515E50207,
- A13030E50207, A12030E50207, A11030E50207, A10030E50207, A08530E50207

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

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND
BRACING. REFER TO BC51 (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE
INSTITUTE, 210 NORTH LEE STR., SUITE 312, ALEXANDRIA, VA 22314, AND WTC AVOID TRUSS COUNCIL OF
AMERICA, 6300 ENTERPRISE LN., MADISON, WI 53719, FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE
FUNCTIONS. UNLESS OTHERWISE INDICATED, TOP CHORD SHALL HAVE PROPERLY ATTACHED STRUCTURAL
PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

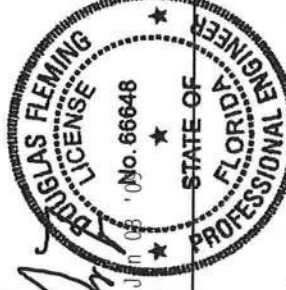
IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCG, INC. SHALL
NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN; ANY FAILURE TO BUILD THE TRUSSES IN
CONFORMANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES IN
DESIGN CONFORMS WITH APPLICABLE PROVISIONS OF NDS NATIONAL DESIGN SPEC. BY AF&PA AND TPI
GALV. STEEL DECKING PLATES ARE MADE OF 20/18/16GA (W/H/SS/30 ASTH A653 GRADE 40/60 (W/K/H/SS)
GALV. STEEL DECKING PLATES. UNLESS OTHERWISE LOCATED ON THIS
DESIGN, POSITIONING PER DRAWINGS 1604-7 ANY INSPECTING ENGINEER'S ACCEPTANCE OF PROFESSIONAL
ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL
ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND
USE OF THIS COMPONENT FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER
ANSI/TPI 1 SEC. 2.



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

THIS DRAWING REPLACES DRAWINGS GAB98117 876.719 & HC26294035

REF	LET-IN VERT
DATE	2/23/07
DRWG	GBLLETIN0207
-ENG	DLJ/KAR
MAX TOT. LD.	60 PSF
DUR. FAC.	ANY
MAX SPACING	24.0"



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

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

WEB LENGTH INCREASE W/ "T" BRACE

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

EXAMPLE:

ASCE WIND SPEED = 100 MPH

MEAN ROOF HEIGHT = 30 FT

GABLE VERTICAL = 24" O.C. SP #3

"T" REINFORCING MEMBER SIZE = 2X4

"T" BRACE INCREASE (FROM ABOVE) = 10% = 1.10

(1) 2X4 "L" BRACE LENGTH = 6' 7"

MAXIMUM "T" REINFORCED GABLE VERTICAL LENGTH

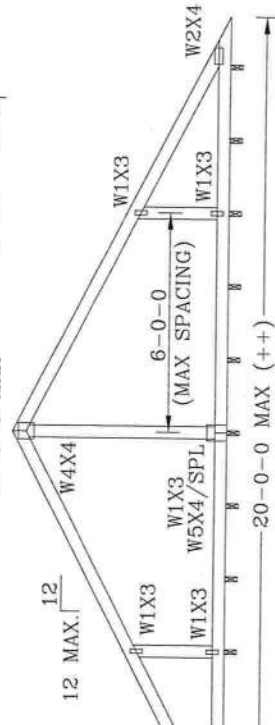
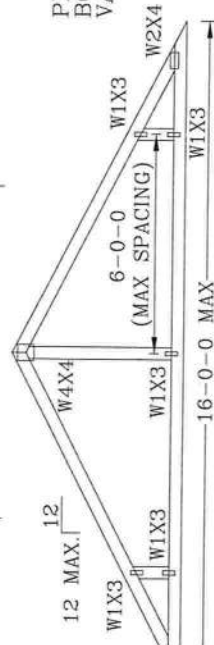
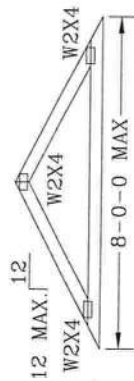
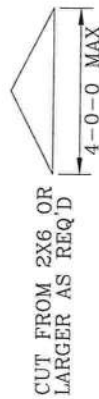
1.10 x 6' 7" = 7' 3"

VALLEY TRUSS DETAIL

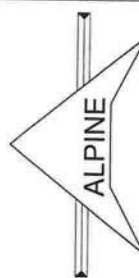
TOP CHORD 2X4 SP #2 OR SPF #1/#2 OR BETTER.
BOT CHORD 2X3(*) OR 2X4 SP #2N OR SPF #1/#2 OR BETTER.
WEBS 2X4 SP #3 OR BETTER.

* 2X3 MAY BE RIPPED FROM A 2X6 (PITCHED OR SQUARE).

** ATTACH EACH VALLEY TO EVERY SUPPORTING TRUSS WITH:
(2) 16d BOX (0.135" X 3.5") NAILS TOE-NAILED FOR
SBC 110 MPH, ASCE 7-93 110 MPH OR ASCE 7-98,
ASCE 7-02 OR ASCE 7-05 130 MPH, 15' MEAN
HEIGHT, ENCLOSED BUILDING, EXP. C, RESIDENTIAL,
WIND TC DL=5 PSF



SUPPORTING TRUSSES AT 24" OC MAXIMUM SPACING.



ITW BUILDING COMPONENTS GROUP, INC.
POMPANO BEACH, FLORIDA

WARNING TRUSSES REQUIRE EXTREME CARE IN FABRICATING, HANDLING, SHIPPING, INSTALLING AND BRACING. REFER TO BCSI (BUILDING COMPONENT SAFETY INFORMATION), PUBLISHED BY TPI TRUSS PLATE INSTITUTE, 200 NORTH LEE STR., SUITE 302, ALEXANDRIA, VA 22304 AND WTC (WOOD TRUSS COUNCIL OF AMERICA) PUBLISHED BY WTC, 1000 W. 10TH AVE., SUITE 100, DENVER, CO 80202 FOR SAFETY PRACTICES PRIOR TO PERFORMING THESE FUNCTIONS. UNLESS OTHERWISE INDICATED, ALL MATERIALS SHALL HAVE PROPERLY ATTACHED STRUCTURAL PANELS AND BOTTOM CHORD SHALL HAVE A PROPERLY ATTACHED RIGID CEILING.

IMPORTANT FURNISH COPY OF THIS DESIGN TO INSTALLATION CONTRACTOR. ITW BCS, INC. SHALL NOT BE RESPONSIBLE FOR ANY DEVIATION FROM THIS DESIGN, ANY FAILURE TO BUILD THE TRUSS IN ACCORDANCE WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. DESIGNING WITH TPI OR FABRICATING, HANDLING, SHIPPING, INSTALLING & BRACING OF TRUSSES. ITW BCS CONNECTOR PLATES TO EACH FACE OF TRUSS AND VALLEY SET. GALV. STEEL. APPLY PLATES TO EACH FACE OF TRUSS AND VALLEY SET. DESIGN, POSITION PER DRAWINGS 1604-2. ANY INSPECTION OF PLATES FOLLOWED BY 103 SHALL BE PER ANNEX A3 OF TPI 1-2002 SEC. 3. A SEAL ON THIS DRAWING INDICATES ACCEPTANCE OF PROFESSIONAL ENGINEERING RESPONSIBILITY SOLELY FOR THE TRUSS COMPONENT DESIGN SHOWN. THE SUITABILITY AND ENGINEERING RESPONSIBILITY FOR ANY BUILDING IS THE RESPONSIBILITY OF THE BUILDING DESIGNER, PER ANSI/TPI 1 SEC. 2.

UNLESS SPECIFIED ON ENGINEER'S SEALED DESIGN, APPLY 1X4 "T"-BRACE, 80% LENGTH OF WEB, VALLEY WEB, SAME SPECIES AND GRADE OR BETTER, ATTACHED WITH 8d BOX (0.113" X 2.5") NAILS AT 6" OC, OR CONTINUOUS LATERAL BRACING, EQUALLY SPACED, FOR VERTICAL VALLEY WEBS GREATER THAN 7'9".

MAXIMUM VALLEY VERTICAL HEIGHT MAY NOT EXCEED 12'0".

TOP CHORD OF TRUSS BENEATH VALLEY SET MUST BE BRACED WITH:

PROPERLY ATTACHED, RATED SHEATHING APPLIED PRIOR TO VALLEY TRUSS INSTALLATION

OR

PURLINS AT 24" OC OR AS OTHERWISE SPECIFIED ON ENGINEERS' SEALED DESIGN

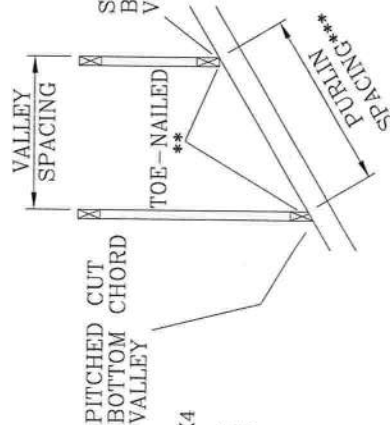
OR

BY VALLEY TRUSSES USED IN LIEU OF PURLIN SPACING AS SPECIFIED ON ENGINEERS' SEALED DESIGN.

*** NOTE THAT THE PURLIN SPACING FOR BRACING THE TOP CHORD OF THE TRUSS BENEATH THE VALLEY IS MEASURED ALONG THE SLOPE OF THE TOP CHORD.

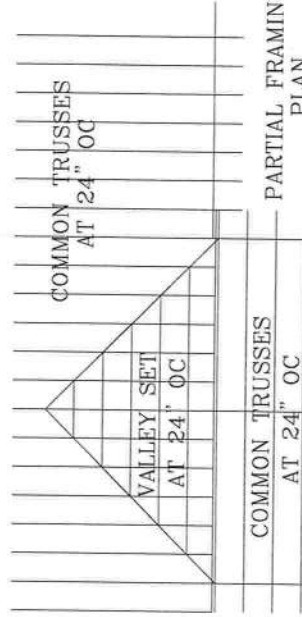
++ LARGER SPANS MAY BE BUILT AS LONG AS THE VERTICAL HEIGHT DOES NOT EXCEED 12'0".

BOTTOM CHORD MAY BE SQUARE OR PITCHED CUT AS SHOWN.



OPTIONAL STUB END DETAIL

OPTIONAL HIP JOINT DETAIL



THIS DRAWING REPLACES DRAWING A105

TC	LL	30	40	PSF	REF	VALLEY DETAIL
TC	DL	20	15	7	PSF	DATE 2/23/07
BC	DL	10	10	10	PSF	DRWG VALTRUSS0207
BC	LL	0	0	0	PSF	-ENG MLH/KAR
TOT.	LD.	60	55	57	PSF	
OUR.FAC. 1.25/1.33		1.15	1.15	1.15		
SPACING		24"				



**Columbia County Building Department
Culvert Waiver**

**Culvert Waiver No.
000001704**

DATE: 01/29/2009

BUILDING PERMIT NO. 27601

APPLICANT ANDREW SCHREIDER

PHONE 623-6066

ADDRESS 236 SW COATS GLEN

LAKE CITY

FL 32024

OWNER ANDREW SCHREIDER

PHONE 623-6066

ADDRESS 236 SW COATS GLEN

LAKE CITY

FL 32024

CONTRACTOR OWNER BUILDER

PHONE _____

LOCATION OF PROPERTY 47 S, L WESTER RD, L COATS GLEN, TO END OF STREET LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

PARCEL ID # 06-5S-17-09129-021

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

SIGNATURE: *[Signature]*

A SEPARATE CHECK IS REQUIRED
MAKE CHECKS PAYABLE TO BCC

Amount Paid 50.00

PUBLIC WORKS DEPARTMENT USE ONLY

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

✓ APPROVED _____ NOT APPROVED - NEEDS A CULVERT PERMIT

COMMENTS: _____

SIGNED: *[Signature]* DATE: 2-3-09

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

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



CERTIFICATE OF OCCUPANCY

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 06-5S-17-09129-021

Building permit No. 000027601

Use Classification SFD, UTILITY

Fire: 64.20

Permit Holder OWNER BUILDER

Waste: 167.50

Owner of Building ANDREW SCHREIDER

Total: 231.70

Location: 236 SW COATS GLEN, LAKE CITY, FL

Date: 12/09/2009

Wayne M. Ruse

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)

Notice of Treatment

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: 536 SE BAY AVE

City: LC

Phone: 752 1703

Site Location: Subdivision _____

Lot # _____

Block# _____

Permit # 27601

Address 236 SE Confr 61n

Product used

Active Ingredient

% Concentration

☒ Premise

Imidacloprid

0.1%

☐ Termidor

Fipronil

0.12%

☐ Bora-Care

Disodium Octaborate Tetrahydrate

23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Wall + Front entry

1264

159

100

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

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

2/4/09
Date

1000
Time

F254 GUNNY
Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 256 SE Baya Dr.

City: Lake City Phone: 752-1703

Site Location: Subdivision _____

Lot # _____ Block# _____ Permit # 27601

Address: 236 SW Coats 6-C

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

Type treatment:

☒ Soil

☐ Wood

<u>Area Treated</u>	<u>Square feet</u>	<u>Linear feet</u>	<u>Gallons Applied</u>
<u>Back Porch</u>	<u>144</u>	_____	<u>7 gal</u>
<u>Side Carport</u>	<u>344</u>	_____	<u>18</u>
_____	_____	_____	_____
_____	_____	_____	_____

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

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

4-6-09

Date

Time

FORZANO

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05



Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 536 S.E. Bay

City Lakeland Phone 752-1703

Site Location: Subdivision _____

Lot # _____ Block# _____ Permit # 27601

Address 236 SE Coates Glen

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
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☒ Premise	Imidacloprid	0.1%
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☐ Termidor	Fipronil	0.12%
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☐ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
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Type treatment:

☐ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling

144

33

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

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

4/22/09

Date

8:46

Time

F-304

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

