

DATE 11/05/2010

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000028987

APPLICANT BRYAN ZECHER PHONE 752-8653
ADDRESS 465 NW ORANGE ST LAKE CITY FL 32055
OWNER DEMETRIC JACKSON PHONE _____
ADDRESS 172 SW PLYMOUTH AVE FORT WHITE FL 32038
CONTRACTOR BRYAN ZECHER PHONE 752-8653
LOCATION OF PROPERTY 47 S, R 27, L JORDAN, GO TO 2ND LEFT ON PLYMOTH,
3RD LOT ON RIGHT
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 148300.00
HEATED FLOOR AREA 2214.00 TOTAL AREA 2966.00 HEIGHT 20.00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING FT WHITE MAX. HEIGHT _____
Minimum Set Back Requirments: STREET-FRONT REAR SIDE
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 33-6S-16-14309-007 SUBDIVISION FT WHITE
LOT _____ BLOCK D PHASE _____ UNIT _____ TOTAL ACRES 1.00

CBC054575

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number _____
FW WAIVER 10-0487-N FW TC N
Driveway Connection _____ Septic Tank Number _____ LU & Zoning checked by _____
Approved for Issuance _____ New Resident _____

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD

NOC ON FILE

FORT WHITE APPROVAL LETTER AND CULVERT WAIVER ON FILE Check # or Cash 2460

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ Foundation _____ Monolithic _____
date/app. by _____ date/app. by _____ date/app. by _____
Under slab rough-in plumbing _____ Slab _____ Sheathing/Nailing _____
date/app. by _____ date/app. by _____ date/app. by _____
Framing _____ Insulation _____
date/app. by _____ date/app. by _____
Rough-in plumbing above slab and below wood floor _____ Electrical rough-in _____
date/app. by _____ date/app. by _____
Heat & Air Duct _____ Peri. beam (Lintel) _____ Pool _____
date/app. by _____ date/app. by _____ date/app. by _____
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by _____ date/app. by _____ date/app. by _____
Pump pole _____ Utility Pole _____ M/H tie downs, blocking, electricity and plumbing _____
date/app. by _____ date/app. by _____ date/app. by _____
Reconnection _____ RV _____ Re-roof _____
date/app. by _____ date/app. by _____ date/app. by _____

BUILDING PERMIT FEE \$ 745.00 CERTIFICATION FEE \$ 14.83 SURCHARGE FEE \$ 14.83
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ _____ FIRE FEE \$ 0.00 WASTE FEE \$ _____
FLOOD DEVELOPMENT FEE \$ _____ FLOOD ZONE FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 774.66
INSPECTORS OFFICE [Signature] CLERKS OFFICE CH

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

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

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 NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Notice of Treatment

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

Address: 536 SE BAY AVE

City: LAKE CH

Phone: 752 1703

Site Location: Subdivision _____

Lot # _____

Block# D

Permit # 28987

Address: 172 SW Plymouth Ave Ft White

Product used

Active Ingredient

% Concentration

☒ Premise

Imidacloprid

0.1%

☐ Termidor

Fipronil

0.12%

☐ Bora-Care

Disodium Octaborate Tetrahydrate

23.0%

Type treatment:

☒ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling including
including front/back porch 2966

257

250

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 _____

11/29/10

Date

0800

Time

James Parker

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

SUBCONTRACTOR VERIFICATION FORM

Permit

NUMBER 28987 CONTRACTOR Bryan Zeinel PHONE 752.8653

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

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Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C	Print Name <u>Glenn Jones Inc</u> License #: <u>CAC051486</u>	Signature <u>[Signature]</u> Phone #: <u>386-752-5389</u>
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 33-6S-16-14309-007

Building permit No. 000028987

Use Classification SFD, UTILITY

Fire: 38.52

Permit Holder BRYAN ZECHER

Waste:

Owner of Building DEMETRIC JACKSON

Total: 38.52

Location: 172 SW PLYMOUTH AVENUE, FT. WHITE, FL 32038

Date: 04/11/2011

Shay Cu

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



~~"Flagged"~~ ~~MUST REPORT TO THE CITY WHITE PUBLIC WORKS DEPT (VIEWING)~~ ~~Edmund Hudson~~ ~~Permit~~
ok - warn in file 11-5-10
Columbia County Building Permit Application
UIC# 2460

For Office Use Only Application # 1010-53 Date Received 10/29 By JW Permit # 28987
Zoning Official BLK Date 04.11.10 Flood Zone X Land Use Ft. White Zoning Ft. White
FEMA Map # _____ Elevation _____ MFE 12-2-10 River _____ Plans Examiner T.C. Date 11-1-10
Comments Ft. White
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☒ Letter of Auth. from Contractor ☒ FW Comp. letter
IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
School _____ = TOTAL Suspended ☒ VF

Septic Permit No. 10-0487-N Fax 758-8920

Name Authorized Person Signing Permit Bryan Zecher Phone 386-752-8653

Address 465 NW Orange St, Lake City, FL 32055

Owners Name Demetric Jackson Phone _____

911 Address 172 SW Plymouth Ave, Ft. White, FL 32038

Contractors Name Bryan Zecher Phone 386-752-8653

Address 465 NW Orange St, Lake City FL 32054

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Arthur Rubenborg Home/ Mark Disway PO Box 868, CC, FL

Mortgage Lenders Name & Address First Federal

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

Property ID Number 00-00-00-14309-007 Estimated Cost of Construction \$196,000

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions US 47 to Ft White, T/R on SR 27, go about 1/2 mile T/L on Jordan, go to 2nd left Plymouth, house on right.
Number of Existing Dwellings on Property 0

Construction of New Residence Total Acreage 1 Lot Size _____

you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 20'

Distance of Structure from Property Lines - Front 40' Side 60' Side 60' Rear 100'

of Stories 1 Heated Floor Area 2214 Total Floor Area 2966 Roof Pitch 12/6

is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or as commenced prior to the issuance of a permit and that all work be performed to meet the standards relating construction in this jurisdiction. CODE: Florida Building Code 2007 with 2009 Supplements and National Electrical Code. Page 1 of 2 (Both Pages must be submitted together.) Revised 6-19-09

JW Left 2 message for Bryan/Wendy 11.4.10

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: 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 work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

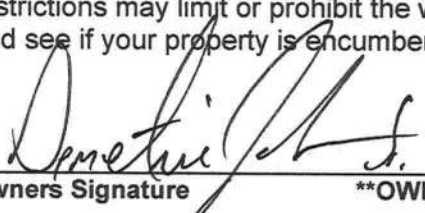
FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor 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.

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.

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.


Owners Signature _____ (Owners Must Sign All Applications Before Permit Issuance.)
**OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.

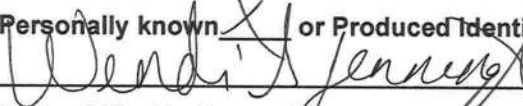
CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.


Contractor's Signature (Permitee) _____

Contractor's License Number CBC 054575
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 27 day of October 2010.

Personally known X or Produced Identification _____


State of Florida Notary Signature (For the Contractor)

SEAL:



Wendi S. Jennings
COMMISSION # EE006938
EXPIRES: JULY 07, 2014
www.AARONNOTARY.com

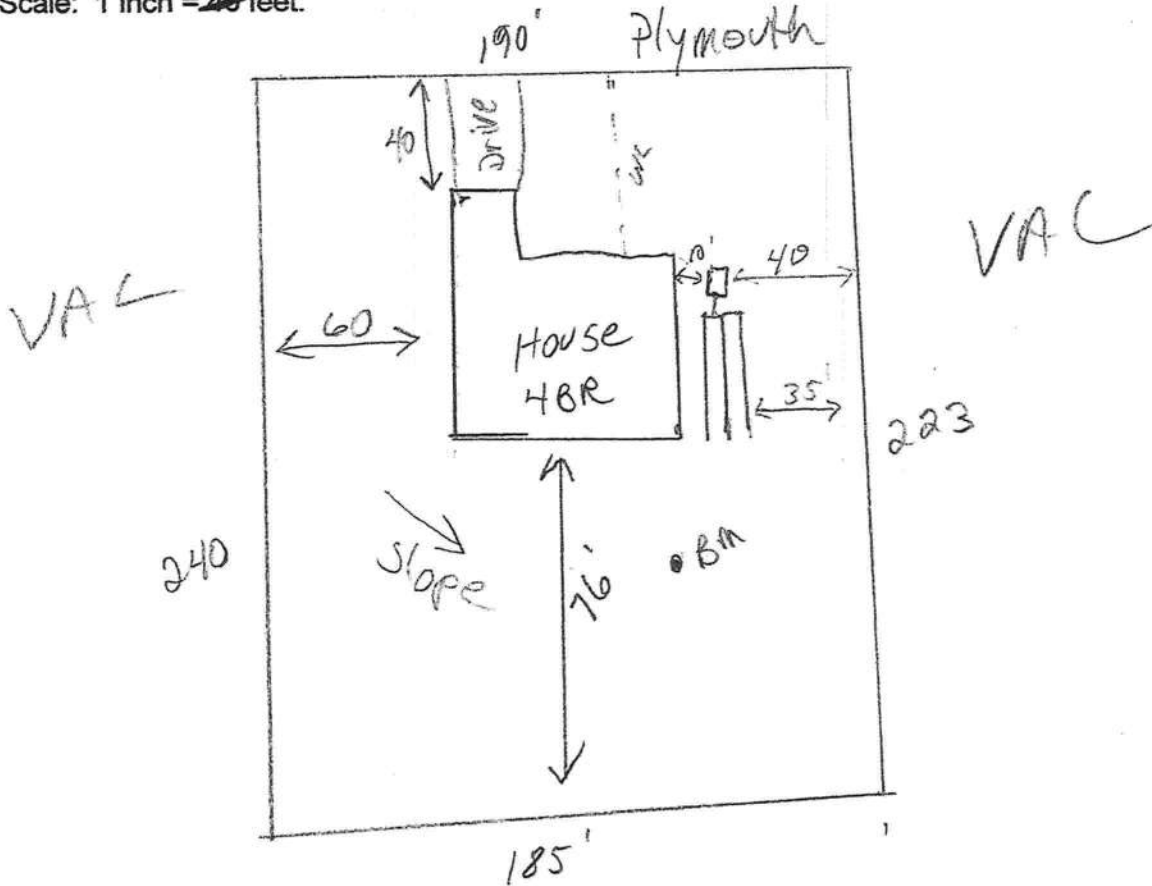
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

10-0487-N

Permit Application Number _____

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

Scale: 1 inch = ⁶⁰/₄₀ feet.



Notes: _____

Site Plan submitted by: Rory D Ford
Plan Approved X Not Approved _____
By Saleh Ford, PH Director Columbia CHD MASTER CONTRACTOR
Date 11.2.10 County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

STATE OF FLORIDA

11/1/2010



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. AD 942650
DATE PAID: 10/12/2010
FEE PAID: 510.00
RECEIPT #: 12-120-152603

10-0487-N

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary

APPLICANT: Demetric Jackson

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 88 FT. WHITE, FL 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3) (a) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: N/A BLOCK: N/A SUB: N/A PLATTED: N/A

PROPERTY ID #: 00-00-00-14309-007 ZONING: Res I/M OR EQUIVALENT: ☒ 1/15

PROPERTY SIZE: 1 ACRES WATER SUPPLY: ☐ PRIVATE PUBLIC ☐ >2000GPD ☒ >2000GPD

IS SEWER AVAILABLE AS PER 381.0045, FS? ☒ 1/15

DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: 1162 SW Plymouth Ave Ft White

DIRECTIONS TO PROPERTY: 47 to Ft White Right on 27 Left on Jordan Left on Plymouth Lot on Right

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sq'ft	Commercial/Institutional System Design Table 1, Chapter 642-6, FAC
1	SV Residential	4	2214	
2				
3				

☐ Floor/Equipment Drains ☐ Other (Specify) _____

SIGNATURE: Rocky Ford

DATE: 10/21/2010

DE 4015, 08/09 (Obsoletes previous editions which may not be used) Incorporated 642-6.001, FAC

Page 1 of 4

RECEIVED

RECEIVED

By: Steve Ford, EPH Director

FLORIDA CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DE 4015, 08/09 (Obsoletes previous editions which may not be used) Incorporated: 642-6.001, FAC (Stock Number: 8744-022-4015-5)

Page 2 of 4

Town of Fort White

Post Office Box 129 Fort White, Florida 32038-0129

Town Hall - (386) 497-2321 • Public Works - (386) 497-3345 • Fax (386) 497-4946

Email: townofftwhite@windstream.net • Website: Townoffortwhitefl.com

CERTIFICATE OF COMPLIANCE & REQUEST FOR ISSUANCE OF BUILDING PERMIT

The undersigned hereby certify the following property is in compliance with the Town of Fort White's Comprehensive Plan and Land Development Regulations for the stated development purposes:

FILE No. 10-001

OWNER'S NAME: Bryan Zecher Construction

ADDRESS: P.O. Box 815 Lake City, FL 32056

PROPERTY DESCRIPTION: RSF/MH 1 @ 172 SW Plymouth Avenue Fort White 1 acre Parcel
No. 14309-007 (Demetric Jackson)

DEVELOPMENT: New Residential Construction / Site Built Home

You are hereby authorized to issue the appropriate permits

Please fax a copy of the Applicants permit to 386-497-4946

10/26/2010
DATE

Janice E. Revels
LDR Administrator

Ka 10-26-10

District #1
Donald Cook
497-1086

District #2
Henry Maini
497-2992

District #3
Warren Barnes
497-3112

District #4
Demetric Jackson
497-2078

Mayor
Truett George
497-4741

Town of Fort White

Culvert Permit No. _____

Culvert Permit _____ Waiver X (Waived by Town of Fort White)DATE 11.05.2010PARCEL ID# 14309-007APPLICANT: Bryan Zecher Construction PHONE _____ADDRESS: P.O. Box 815 Lake City, FL 32056OWNER: Demetric Jackson PHONE: 386-497-2078ADDRESS: P.O. Box 817 Fort White, FL 32038CONTRACTOR: Bryan Zecher Construction PHONE _____LOCATION OF PROPERTY: 172 SW Plymouth Avenue Fort White, FL 32038

SUBDIVISION/LOT/BLOCK/PHASE/UNIT _____

SIGNATURE: K. Anderson**INSTALLATION REQUIREMENTS**

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

INSTALLATION NOTE: Turnouts will be required as follows:

- A) A majority of the current and existing driveway turnouts are paved, or;
- B) The driveway to be served will be paved or formed with concrete, turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concrete turnouts.

___ Culvert installation shall conform to the approved site plan standards.

___ Department of Transportation Permit installation approved standards.

___ Other _____

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

P.O. 129

Fort White, FL 32038

Phone: 386-497-2321 Fax: 386-497-4946

AMOUNT PAID \$25.00

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____

CONTRACTOR

Bryan Zecher

PHONE

752-8653

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

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ELECTRICAL <u>234</u> <u>OK</u>	Print Name <u>Mike Conner</u> License #: <u>ER 13013192</u>	Signature <u>Michael S. Conner</u> Phone #: <u>(386) 965-9005</u>
MECHANICAL/A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING <u>853</u>	<u>28004578</u>	<u>Bryan Zecher</u>	<u>[Signature]</u> <u>LICENSE EXPIRES</u>
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Bryan Zecher Const PHONE 754-8653
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MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

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MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER <i>OK</i>	001039	Morrells/PAUL GRIFFITH	<i>Paul Griffith</i>
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE <i>LAB 7/10</i>	31	Morrells/HERB SPEARS	<i>Herb Spears</i>
FLOOR COVERING <i>OK</i>	000204	Morrells/RICH MOORE	<i>Rich Moore</i>
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL <i>OK</i>	<i>000345</i>	<i>Heitzman Drywall</i>	<i>Kim Heitzman</i>
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
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SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____

CONTRACTOR

Bryan Zaher Const.

PHONE

386-752-8653

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION	OK 000240	Sikes Insulation, Inc	Will Sikes
STUCCO		Will Sikes	
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Bryan Zecher Const PHONE 386-757-8653
THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER	000063	Darrell Spradley Concrete Construction	Darrell Spradley
FRAMING		Darrell Spradley	
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Bryan Zechar Const PHONE 386 252 8653

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON <u>OK</u>	<u>000844</u>	<u>South Point Masonry, Inc.</u>	<u>[Signature]</u>
CONCRETE FINISHER		<u>Jim Dixon</u>	
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

ATTN: Adrea

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Bryan Zecher PHONE 752-8653
 THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING 187	Print Name <u>Mac Johnson Roofing Inc</u> License #: <u>RC 0061384</u>	Signature <u>Mac Johnson</u> Phone #: <u>352-472-4943</u>
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Form; Subcontractor form: 6/09

386-758-8920

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____

CONTRACTOR

Bryan Zecher Const

PHONE

386-7528653

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS <u>736</u> <u>OK</u>	Print Name <u>C. L. Boyette</u> License #: <u>CFC021540</u>	Signature <u>C. L. Boyette</u> Phone #: <u>386-752-0716</u>
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

904-
259 313

Specialty License	License Number	Sub Contractors Printed Name	Sub Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

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SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR Bryan Zechar Const PHONE 386-752-8653
 THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

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ELECTRICAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
MECHANICAL/ A/C <u>487</u>	Print Name <u>Glenn I Jones, Inc</u> License #: <u>CAC051486</u>	Signature <u>[Signature]</u> Phone #: <u>752-53189</u>
PLUMBING/ GAS	Print Name <u>Glenn Jones</u> License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; Identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Contractor Form: Subcontractor Form: 5/08

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER _____ CONTRACTOR _____ PHONE _____

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MECHANICAL/ A/C _____	Print Name _____ License #: _____	Signature _____ Phone #: _____
PLUMBING/ GAS	Print Name _____ License #: _____	Signature _____ Phone #: _____
ROOFING	Print Name _____ License #: _____	Signature _____ Phone #: _____
SHEET METAL	Print Name _____ License #: _____	Signature _____ Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name _____ License #: _____	Signature _____ Phone #: _____
SOLAR	Print Name _____ License #: _____	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER			
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS <i>OK</i>	<i>122</i>	<i>North Florida Glass</i>	<i>Lindy Bennett</i>
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

Columbia County Property Appraiser

DB Last Updated: 10/14/2010

2009 Tax Roll Year

Parcel: 00-00-00-14309-007

[<< Next Lower Parcel](#)
[Next Higher Parcel >>](#)
[Tax Collector](#)
[Tax Estimator](#)
[Property Card](#)
[Parcel List Generator](#)
[Interactive GIS Map](#)
[Print](#)

Search Result: 1 of 1

Owner & Property Info

Owner's Name	JACKSON DEMETRIC L SR		
Mailing Address	P O BX 817 FORT WHITE, FL 32038		
Site Address	162 SW PLYMOUTH AVE		
Use Desc. (code)	VACANT (000000)		
Tax District	4 (County)	Neighborhood	16
Land Area	1.000 ACRES	Market Area	02
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
FT WHITE: COMM SE COR BLOCK D, RUN W 196.61 FT FOR POB, CONT W 239.20 FT, N 188.10 FT, E 218.89 FT, S 11 DEG E 35.73 FT, S 153.74 FT TO POB. (BLOCK D) ORB 955-1538,			



Property & Assessment Values

2009 Certified Values		
Mkt Land Value	cnt: (0)	\$19,424.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$19,424.00
Just Value		\$19,424.00
Class Value		\$0.00
Assessed Value		\$19,424.00
Exempt Value		\$0.00
Total Taxable Value	Cnty: \$19,424 Other: \$19,424 Schl: \$19,424	

2010 Working Values

NOTE:
2010 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)

Sales History

[Show Similar Sales within 1/2 mile](#)

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
6/9/2002	955/1538	WD	V	U	01	\$100.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	43560 SF - (0000001.000AC)	1.00/1.00/0.50/1.00	\$0.35	\$15,246.00
009945	WELL/SEPT (MKT)	1 UT - (0000000.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 10/14/2010

MD
10-176

Pac. 18.50
Cert. Copy 4.00

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

PERMIT NO. _____

TAX FOLIO NO. R14309-007

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement.

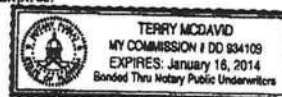
1. Description of property: AS DESCRIBED ON EXHIBIT "A" ATTACHED HERETO
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: DEMETRIC L. JACKSON, SR. & his wife, KEMBERLY L. JACKSON, 161 SW Plymouth Road, Fort White, FL 32038
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): BRYAN ZECHER HOMES, INC., 465 NW Orange Street, Lake City, FL 32055; Telephone No. 386-752-8653
5. Surety:
 - a. Name and address: N/A
 - b. Amount of bond: _____
6. Lender: FIRST FEDERAL BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes.
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

Demetric L. Jackson, Sr.
Borrower Name Demetric L. Jackson, Sr.

Kemberly L. Jackson
Co-Borrower Name Kemberly L. Jackson

The foregoing instrument was acknowledged before me this 26th day of October 2010 by DEMETRIC L. JACKSON, SR. & KEMBERLY L. JACKSON, who is personally known to me or who has produced driver's license for identification.

Terry McDavid
Notary Public
My Commission Expires: _____



Inst 201012017489 Date 10/27/2010 Time 4:50 PM
DC P DeWitt Casson, Columbia County Page 1 of 2 D 1203 P 2487



STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DEWITT CASSON, CLERK OF COURTS

By: Bonnie Don
Deputy Clerk

Date: 10/27/10

FT WHITE: COMM SE COR BLOCK D,
 RUN W 196.61 FT FOR POB, CONT
 W 239.20 FT, N 188.10 FT, E
 218.89 FT, S 11 DEG E 35.73

JACKSON DEMETRIC L SR
 P O BX 817
 FORT WHITE, FL 32038

00-00-00-14309-007

Columbia County 2010 R
 CARD 001 of 001
 BY JEFF

PRINTED 10/11/2010 10:49
 APPR 5/16/2007 DFDB

[illegible][illegible]

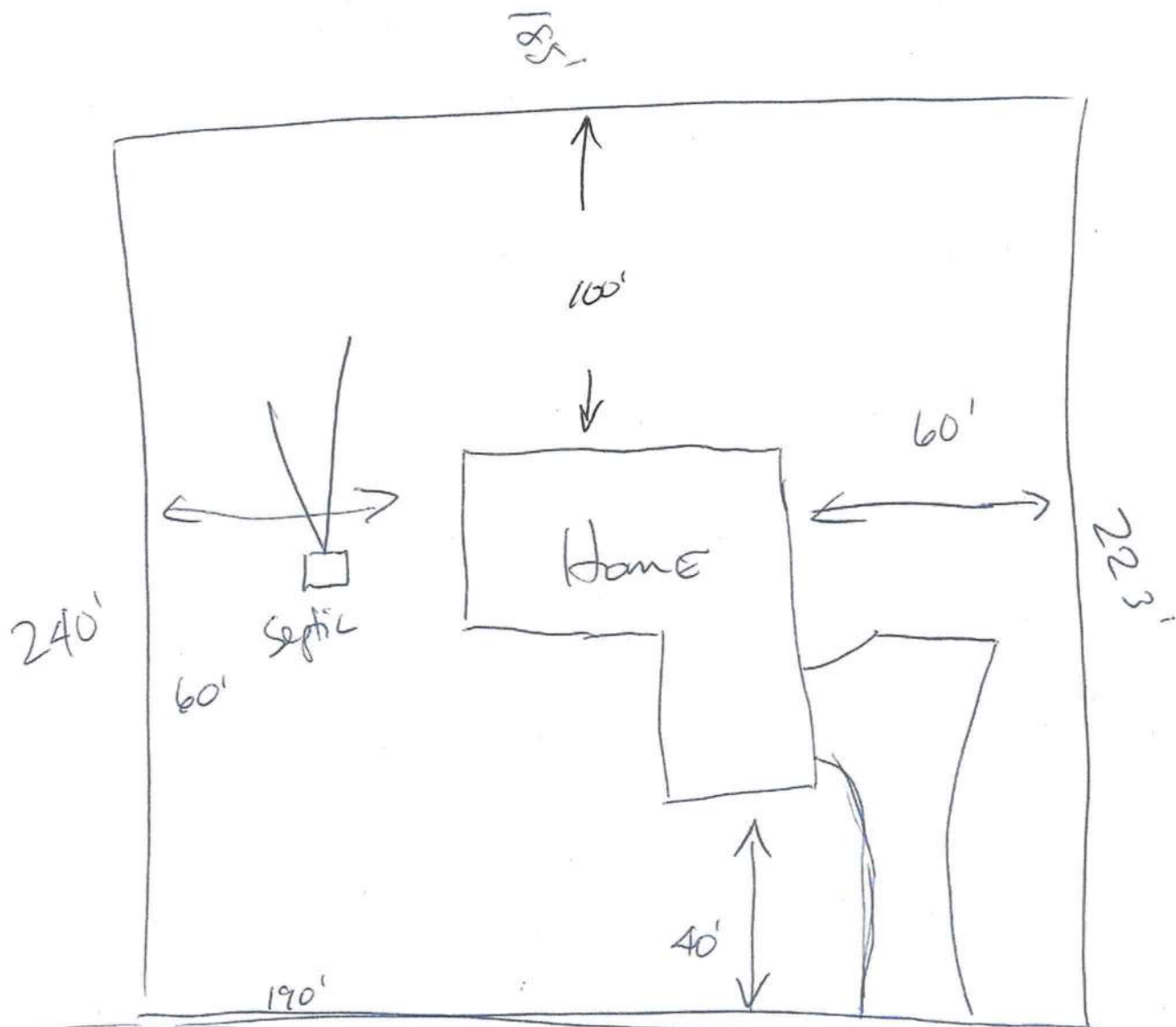
	A-AREA	%	E-AREA	SUB VALUE		PERMITS	DESC	AMT	ISSUED
CEIL					+				
UD-3					+				
ARCH					+				
UD-4					+				
FRME					+				
UD-5					+				
KTCH					+				
UD-6					+				
WINDO					+				
UD-7					+				
CLAS					+				
UD-8					+				
OCC					+				
UD-9					+				
COND			%		+				
SUB					+				

BOOK	PAGE	DATE	SALE	PRICE
955	1538	6/09/2002	U V	100
GRANTOR ERROLL L & GLORIA JACKSON				
GRANTEE DEMETRIC L JACKSON SR				
GRANTOR				
GRANTEE				
TOTAL				

-----EXTRA FEATURES-----						FIELD CK:				-----											
AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ	UT	PR	SPCD	%	GOOD	XFOB	VALUE

AE CODE	LAND	DESC	ZONE	ROAD	UD1 {		UD3 FRONT	DEPTH	FIELD CK:		UNITS	UT	PRICE	ADJ	UT	PR	LAND VALUE
					UD2 {	UD4 BACK			DT	ADJUSTMENTS							
Y 000000		VAC RES	A-1	0002					1.00	1.00	.50	1.00	43560.000			.35	15,246
Y 009945		WELL/SEPT	0002	0003					1.00	1.00	1.00	1.00	1.000	UT	2000.000	2000.00	2,000

Jackson Site Plan



172 Sw Plymouth Ave

COLUMBIA COUNTY 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 10/15/2010 DATE ISSUED: 10/21/2010

ENHANCED 9-1-1 ADDRESS:

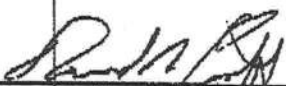
172 SW PLYMOUTH AVE

FORT WHITE FL 32038

PROPERTY APPRAISER PARCEL NUMBER:

00-00-00-14309-007

Remarks:

Address Issued By: 

Columbia County 9-1-1 Addressing / GIS Department

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



**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIREMENTS**

6-25-09

**MINIMUM PLAN REQUIREMENTS FOR THE
FLORIDA BUILDING CODE RESIDENTIAL 2007 EFFECTIVE 1 MARCH 2009 & 2009
SUPPLEMENTS EFFECTIVE 1 MARCH 2009, ONE (1) AND TWO (2) FAMILY DWELLINGS
with Supplements and Revision, OF THE NATIONAL ELECTRICAL 2008**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

**ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007
FLORIDA BUILDING CODES RESIDENTIAL EFFECTIVE 1 MARCH 2009 & 2009
SUPPLEMENTS EFFECTIVE 1 MARCH 2009. ALL PLANS OR DRAWINGS SHALL
PROVIDE 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 FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind
speed map) SHALL BE USED.**

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

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

**GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

Items to Include-
Each Box shall be
Circled as
Applicable

			Yes	No	N/A
1	Two (2) complete sets of plans containing the following:		✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		✓		
3	Condition space (Sq. Ft.)	Total (Sq. Ft.) under roof			

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 as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIII	IIII	IIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifiably designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys	N/A		
18	Location and size of skylights with Florida Product Approval	N/A		
18	Number of stories	1		
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBCR 613.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	✓		
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)	N/A		
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	N/A		
28	Identify accessibility of bathroom (see FBCR SECTION 322)	✓		

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

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.	✓		
32	Assumed load-bearing value of soil <u>1000</u> Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	✓		

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Sub mit other approved termite protection methods. Protection shall be provided by registered termiticides	✓		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	N/A		
38	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

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	N/A		
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers	✓		
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers	✓		
42	Attachment of joist to girder	✓		
43	Wind load requirements where applicable	✓		
44	Show required under-floor crawl space	N/A		

45	Show required amount of ventilation opening for under-floor spaces	N/A		
46	Show required covering of ventilation opening	N/A		
47	Show the required access opening to access to under-floor spaces	N/A		
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & interior of the areas structural panel sheathing	N/A		
49	Show Draftstopping, Fire caulking and Fire blocking	✓		
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309	✓		
51	Provide live and dead load rating of floor framing systems (psf).	✓		

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	✓		
54	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	✓		
55	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	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

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

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	✓		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	✓		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	✓		
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	✓		

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	✓		
74	Attic space	✓		
75	Exterior wall cavity	✓		
76	Crawl space	N/A		

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	✓		
79	Show clothes dryer route and total run of exhaust duct	✓		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	✓		
81	Show the location of water heater	✓		

Private Potable Water

82	Pump motor horse power	N/A		
83	Reservoir pressure tank gallon capacity			
84	Rating of cycle stop valve if used			

City water

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	✓		
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	✓		
87	Show the location of smoke detectors & Carbon monoxide detectors	✓		
88	Show service panel, sub-panel, location(s) and total ampere ratings	✓		
89	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. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	✓		
90	Appliances and HVAC equipment and disconnects	✓		
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed Combination arc-fault circuit interrupter , Protection device.	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
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THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	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	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	City of Lake City A permit showing an approved waste water sewer tap			N/A
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			

98	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 a 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 8.5.2 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 8.5.3 of the Columbia County Land Development Regulations	✓		
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established	✓		
100	A development permit will also be required. Development permit cost is \$50.00	mlr		
101	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.	✓		
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

PRODUCT APPROVAL SPECIFICATION SHEET

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A SWINGING	MASONIC FIBERGLASS	THERMATRU	FL 4668.1/88.38.1
B SLIDING			
C SECTIONAL			
D ROLL UP			
E AUTOMATIC			
F OTHER			
2. WINDOWS			
A SINGLE HUNG	VISION/VEATTRA		SH FL 1378.3
B HORIZONTAL SLIDER	VISION/VEATTRA		PW FL 1385.3
C CASEMENT			
D DOUBLE HUNG			
E FIXED	C/I		FL 681/FL 1385.2
F AWNING			
G PASS THROUGH			
H PROJECTED			
I MULLION			
J WIND BREAKER			
K DUAL ACTION			
L OTHER			
3. PANEL WALL			
A SIDING	HARDIPLANK		
B SOFFITS	ASHLEY ALUMINUM		
C EIFS			
D STOREFRONTS			
E CURTAIN WALLS			
F WALL LOUVER			
G GLASS BLOCK			
H MEMBRANE			
I GREENHOUSE			
J OTHER			
4. ROOFING PRODUCTS			
A ASPHALT SHINGLES			
B UNDERLAYMENTS	FELT		FL 1814
C ROOFING FASTENERS	NAILS		RDM 3378
D NON-STRUCTURAL METAL ROOFING			
E WOOD SHINGLES AND SHAKES			
F ROOFING TILES			
G ROOFING INSULATION			
H WATERPROOFING			
I BUILT UP ROOFING ROOF SYSTEMS			
J MODIFIED BITUMEN			
K SINGLE PLY ROOF			

SYSTEMS		
L ROOFING SLATE		
M CEMENTS-ADHESIVES		
COATINGS		

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
N LIQUID APPLIED ROOF SYSTEMS			
O ROOF TILE ADHESIVE			
P SPRAY APPLIED POLYURETHANE ROOF			
Q OTHER			
5. SHUTTERS	N/A		
A ACCORDION			
B BAHAMA			
C STORM PANELS			
D COLONIAL			
E ROLL-UP			
F EQUIPMENT			
G OTHERS			
6. SKYLIGHTS	N/A		
A SKYLIGHT			
B OTHER			
7. STRUCTURAL COMPONENTS	N/A		
A WOOD CONNECTORS/ ANCHORS			
B TRUSS PLATES			
C ENGINEERED LUMBER			
D RAILING			
E COOLERS-FREEZERS			
F CONCRETE ADMIXTURES			
G MATERIAL			
H INSULATION FORMS			
I PLASTICS			
J DECK-ROOF			
K WALL			
L SHEDS			
M OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS	N/A		
A			
B			

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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: 1010061ZecherBryanJacksonRes
 Street:
 City, State, Zip: , FL ,
 Owner:
 Design Location: FL, Gainesville

Builder Name: Zecher
 Permit Office:
 Permit Number:
 Jurisdiction:

1. New construction or existing New (From Plans)
 2. Single family or multiple family Single-family
 3. Number of units, if multiple family 1
 4. Number of Bedrooms 4
 5. Is this a worst case? Yes
 6. Conditioned floor area (ft²) 2214

7. Windows	Description	Area
a. U-Factor:	Dbl, U=0.35	270.33 ft ²
SHGC:	SHGC=0.35	
b. U-Factor:	Dbl, U=0.87	72.00 ft ²
SHGC:	SHGC=0.66	
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
e. U-Factor:	N/A	ft ²
SHGC:		

8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2214.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Face Brick - Wood, Exterior	R=13.0	1383.00 ft ²
b. Frame - Wood, Exterior	R=13.0	495.00 ft ²
c. Frame - Wood, Adjacent	R=13.0	255.00 ft ²
d. N/A	R=	ft ²

10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	2214.00 ft ²
b. Knee Wall (Vented)	R=30.0	102.00 ft ²
c. N/A	R=	ft ²

11. Ducts
 a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 442.8 ft²

12. Cooling systems
 a. Central Unit Cap: 47.0 kBtu/hr
 SEER: 13

13. Heating systems
 a. Electric Heat Pump Cap: 47.0 kBtu/hr
 HSPF: 7.7

14. Hot water systems
 a. Electric Cap: 40 gallons
 EF: 0.92
 b. Conservation features
 None

15. Credits None

Glass/Floor Area: 0.155

Total As-Built Modified Loads: 36.79

Total Baseline Loads: 46.74

PASS

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

PREPARED BY:

DATE: 10/20/2010 EVAN BEANSLEY

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

OWNER/AGENT:

DATE: 10/25/10

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:



PROJECT

Title: 1010061ZecherBryanJackson	Bedrooms: 4	Address Type: Street Address
Building Type: FLAsBuilt	Conditioned Area: 2214	Lot #
Owner:	Total Stories: 1	SubDivision:
# of Units: 1	Worst Case: Yes	PlatBook:
Builder Name: Zecher	Rotate Angle: 90	Street:
Permit Office:	Cross Ventilation:	County: Columbia
Jurisdiction:	Whole House Fan:	City, State, Zip: , FL ,
Family Type: Single-family		
New/Existing: New (From Plans)		
Comment:		

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	237 ft	0	2214 ft²	0.3	0.3	0.4

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	2476 ft²	0 ft²	Dark	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	2214 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	2214 ft²	0.11	Wood
_____	2	Knee Wall (Vented)	30	102 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Frame - Wood	13	495 ft²		0.23	0.75
_____	2	E	Exterior	Face Brick - Wood	13	580.5 ft²	0	0	0.75
_____	3	S	Exterior	Face Brick - Wood	13	297 ft²	0	0	0.75
_____	4	W	Exterior	Face Brick - Wood	13	505.5 ft²	0	0	0.75
_____	5	S	Garage	Frame - Wood	13	255 ft²		0.23	0.01

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
_____	1	E	Insulated	None	0.400000	16 ft²
_____	2	N	Insulated	None	0.400000	24 ft²
_____	3	S	Insulated	None	0.400000	17.77777
_____	4	S	Insulated	None	0.400000	16 ft²

WINDOWS

Orientation shown is the entered orientation (=>) changed to Worst Case.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang Depth	Separation	Int Shade	Screening
_____	1	N=>E	Metal	Low-E Double	Yes	0.87	0.66	N	72 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
_____	2	E=>S	Metal	Low-E Double	Yes	0.35	0.35	N	34.666666	99 ft 9 in	1 ft 0 in	HERS 2006	None
_____	3	N=>E	Metal	Low-E Double	Yes	0.35	0.35	N	72 ft²	10 ft 6 in	1 ft 0 in	HERS 2006	None
_____	4	W=>N	Metal	Low-E Double	Yes	0.35	0.35	N	36 ft²	99 ft 9 in	1 ft 0 in	HERS 2006	None
_____	5	N=>E	Metal	Low-E Double	Yes	0.35	0.35	N	15 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
_____	6	E=>S	Metal	Low-E Double	Yes	0.35	0.35	N	6.666666	1 ft 6 in	1 ft 0 in	HERS 2006	None
_____	7	E=>S	Metal	Low-E Double	Yes	0.35	0.35	N	30 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
_____	8	E=>S	Metal	Low-E Double	Yes	0.35	0.35	N	4 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
_____	9	S=>W	Metal	Low-E Double	Yes	0.35	0.35	N	12 ft²	6 ft 6 in	1 ft 0 in	HERS 2006	None
_____	10	S=>W	Metal	Low-E Double	Yes	0.35	0.35	N	32 ft²	10 ft 16 in	1 ft 0 in	HERS 2006	None
_____	11	S=>W	Metal	Low-E Double	Yes	0.35	0.35	N	18 ft²	6 ft 6 in	1 ft 0 in	HERS 2006	None
_____	12	S=>W	Metal	Low-E Double	Yes	0.35	0.35	N	4 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None
_____	13	W=>N	Metal	Low-E Double	Yes	0.35	0.35	N	6 ft²	1 ft 6 in	1 ft 0 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ---- Supply CFM Exhaust CFM		Run Time Fraction	Fan Watts
_____	Default	0.00036	2091	6.30	114.8	215.8	0 cfm	0 cfm	0	0

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	480 ft²	480 ft²	72 ft	9 ft	(invalid)

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ducts
_____	1	Central Unit	None	SEER: 13	47 kBtu/hr	1410 cfm	0.75	sys#1

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ducts
_____	1	Electric Heat Pump	None	HSPF: 7.7	47 kBtu/hr	sys#1

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	0.92	40 gal	70 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

✓	#	--- Supply ---			--- Return ---		Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6	442.8 ft	Attic	110.7 ft	Default Leakage	Interior	(Default)	(Default) %		

TEMPERATURES

Programable Thermostat: None

Ceiling Fans:

Cooling	☒	Jan	☒	Feb	☒	Mar	☒	Apr	☒	May	☒	Jun	☒	Jul	☒	Aug	☒	Sep	☒	Oct	☒	Nov	☒	Dec
Heating	☒	Jan	☒	Feb	☒	Mar	☒	Apr	☒	May	☒	Jun	☒	Jul	☒	Aug	☒	Sep	☒	Oct	☒	Nov	☒	Dec
Venting	☒	Jan	☒	Feb	☒	Mar	☒	Apr	☒	May	☒	Jun	☒	Jul	☒	Aug	☒	Sep	☒	Oct	☒	Nov	☒	Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:

, FL,

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.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	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	Ceilings-Min. R-19. Common walls-frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 79

The lower the EnergyPerformance Index, the more efficient the home.

, , FL,

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Face Brick - Wood, Exterior	R=13.0	1383.00 ft ²
3. Number of units, if multiple family	1		b. Frame - Wood, Exterior	R=13.0	495.00 ft ²
4. Number of Bedrooms	4		c. Frame - Wood, Adjacent	R=13.0	255.00 ft ²
5. Is this a worst case?	Yes		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	2214		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	2214.00 ft ²
a. U-Factor:	Dbl, U=0.35	270.33 ft ²	b. Knee Wall (Vented)	R=30.0	102.00 ft ²
SHGC:	SHGC=0.35		c. N/A	R=	ft ²
b. U-Factor:	Dbl, U=0.87	72.00 ft ²	11. Ducts		
SHGC:	SHGC=0.66		a. Sup: Attic Ret: Attic AH: Interior Sup. R= 6, 442.8 ft ²		
c. U-Factor:	N/A	ft ²	12. Cooling systems		
SHGC:			a. Central Unit	Cap: 47.0 kBtu/hr	SEER: 13
d. U-Factor:	N/A	ft ²	13. Heating systems		
SHGC:			a. Electric Heat Pump	Cap: 47.0 kBtu/hr	HSPF: 7.7
e. U-Factor:	N/A	ft ²	14. Hot water systems		
SHGC:			a. Electric	Cap: 40 gallons	EF: 0.92
8. Floor Types	Insulation	Area	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	2214.00 ft ²	None		
b. N/A	R=	ft ²	15. Credits		None
c. N/A	R=	ft ²			

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: 10/25/10

Address of New Home: _____

172 SW Plymouth Ave City/FL Zip: Fort White, FL
32038



*Note: The home's estimated Energy Performance Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 energygauge.com 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.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

Residential System Sizing Calculation

Summary

Project Title:
1010061ZecherBryanJacksonRes

, FL

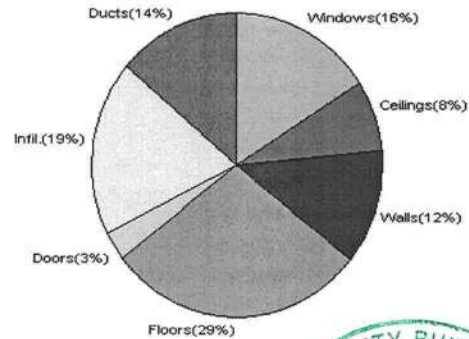
10/20/2010

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature(MJ8 99%)	33 F	Summer design temperature(MJ8 99%)	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	36233 Btuh	Total cooling load calculation	39974 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	129.7 47000	Sensible (SHR = 0.75)	107.4 35250
Heat Pump + Auxiliary(0.0kW)	129.7 47000	Latent	164.0 11750
		Total (Electric Heat Pump)	117.6 47000

WINTER CALCULATIONS

Winter Heating Load (for 2214 sqft)

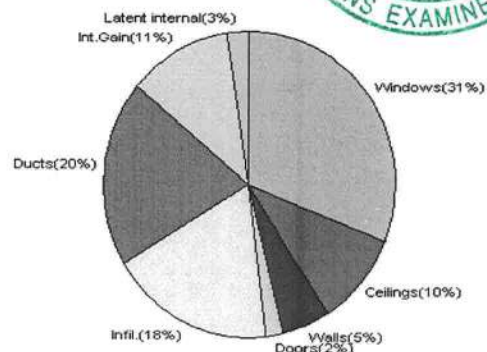
Load component		Load	
Window total	342 sqft	5818	Btuh
Wall total	1717 sqft	4514	Btuh
Door total	74 sqft	1092	Btuh
Ceiling total	2316 sqft	2729	Btuh
Floor total	2214 sqft	10347	Btuh
Infiltration	166 cfm	6726	Btuh
Duct loss		5006	Btuh
Subtotal		36233	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		36233	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2214 sqft)

Load component		Load	
Window total	342 sqft	12470	Btuh
Wall total	1717 sqft	2034	Btuh
Door total	74 sqft	826	Btuh
Ceiling total	2316 sqft	3835	Btuh
Floor total		0	Btuh
Infiltration	133 cfm	2472	Btuh
Internal gain		4550	Btuh
Duct gain		6621	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Blower Load		0	Btuh
Total sensible gain		32809	Btuh
Latent gain(ducts)		1311	Btuh
Latent gain(infiltration)		4855	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1000	Btuh
Total latent gain		7165	Btuh
TOTAL HEAT GAIN		39974	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY:

DATE: 10/20/2010 ERAN Berman

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Project Title:

1010061ZecherBryanJacksonRes

Building Type: User

10/20/2010

, FL

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 37.0 F (MJ8 99%)
This calculation is for Worst Case. The house has been rotated 270 degrees.

Component Loads for Whole House

Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.66	Metal	0.87	W	72.0		32.2	2318 Btuh
2	2, NFRC 0.35	Metal	0.35	N	34.7		12.9	449 Btuh
3	2, NFRC 0.35	Metal	0.35	W	72.0		12.9	932 Btuh
4	2, NFRC 0.35	Metal	0.35	S	36.0		12.9	466 Btuh
5	2, NFRC 0.35	Metal	0.35	W	15.0		12.9	194 Btuh
6	2, NFRC 0.35	Metal	0.35	N	6.7		12.9	86 Btuh
7	2, NFRC 0.35	Metal	0.35	N	30.0		12.9	388 Btuh
8	2, NFRC 0.35	Metal	0.35	N	4.0		12.9	52 Btuh
9	2, NFRC 0.35	Metal	0.35	E	12.0		12.9	155 Btuh
10	2, NFRC 0.35	Metal	0.35	E	32.0		12.9	414 Btuh
11	2, NFRC 0.35	Metal	0.35	E	18.0		12.9	233 Btuh
12	2, NFRC 0.35	Metal	0.35	E	4.0		12.9	52 Btuh
13	2, NFRC 0.35	Metal	0.35	S	6.0		12.9	78 Btuh
Window Total					342.3(sqft)			5818 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	312		3.28	1025 Btuh
2	Face Br - Wood	- Ext	(0.063)	13.0/0.0	489		2.32	1135 Btuh
3	Face Br - Wood	- Ext	(0.063)	13.0/0.0	215		2.32	499 Btuh
4	Face Br - Wood	- Ext	(0.063)	13.0/0.0	464		2.32	1076 Btuh
5	Frame - Wood	- Adj	(0.089)	13.0/0.0	237		3.28	779 Btuh
Wall Total					1717(sqft)			4514 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior,	n	(0.400)		16		14.8	237 Btuh
2	Insulated - Exterior,	n	(0.400)		24		14.8	355 Btuh
3	Insulated - Garage,	n	(0.400)		18		14.8	263 Btuh
4	Insulated - Exterior,	n	(0.400)		16		14.8	237 Btuh
Door Total					74(sqft)			1092Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shing		(0.032)	30.0/0.0	2214		1.2	2609 Btuh
2	Knee Wall/D/Shing		(0.032)	30.0/0.0	102		1.2	120 Btuh
Ceiling Total					2316(sqft)			2729Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	237.0 ft(perim.)		43.7	10347 Btuh
Floor Total					2214 sqft			10347 Btuh
Envelope Subtotal:								24501 Btuh
Infiltration	Type		ACH	Volume(cuft)	Wall Ratio		CFM=	
	Natural		0.50	19926	1.00		166.1	6726 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att) (DLM of 0.160)							5006 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Project Title:
1010061ZecherBryanJacksonRes
Building Type: User

, FL

10/20/2010

All Zones	Sensible Subtotal All Zones	36233 Btuh
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WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss	36233 Btuh
	Ventilation Sensible Heat Loss	0 Btuh
	Total Heat Loss	36233 Btuh

EQUIPMENT

1. Electric Heat Pump	#	47000 Btuh
-----------------------	---	------------

Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)

U - (Window U-Factor)

HTM - (ManualJ Heat Transfer Multiplier)



Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Project Title:

1010061ZecherBryanJacksonRes

, FL

10/20/2010

Reference City: Gainesville, FL

Temperature Difference: 17.0F(MJ8 99%)

Humidity difference: 54gr.

This calculation is for Worst Case. The house has been rotated 270 degrees.

Component Loads for Whole House

Window	Type*						Overhang		Window Area(sqft)			HTM		Load
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2 NFRC	0.66, 0.87	No	No	W		1.5ft	1.0ft	72.0	2.9	69.1	29	78	5500 Btuh
2	2 NFRC	0.35, 0.35	No	No	N		99.8f	1.0ft	34.7	0.0	34.7	13	13	461 Btuh
3	2 NFRC	0.35, 0.35	No	No	W		10.5f	1.0ft	72.0	69.4	2.6	13	40	1026 Btuh
4	2 NFRC	0.35, 0.35	No	No	S		99.8f	1.0ft	36.0	36.0	0.0	13	16	479 Btuh
5	2 NFRC	0.35, 0.35	No	No	W		1.5ft	1.0ft	15.0	0.7	14.3	13	40	576 Btuh
6	2 NFRC	0.35, 0.35	No	No	N		1.5ft	1.0ft	6.7	0.0	6.7	13	13	89 Btuh
7	2 NFRC	0.35, 0.35	No	No	N		1.5ft	1.0ft	30.0	0.0	30.0	13	13	399 Btuh
8	2 NFRC	0.35, 0.35	No	No	N		1.5ft	1.0ft	4.0	0.0	4.0	13	13	53 Btuh
9	2 NFRC	0.35, 0.35	No	No	E		6.5ft	1.0ft	12.0	8.8	3.2	13	40	244 Btuh
10	2 NFRC	0.35, 0.35	No	No	E		11.3f	1.0ft	32.0	32.0	0.0	13	40	426 Btuh
11	2 NFRC	0.35, 0.35	No	No	E		6.5ft	1.0ft	18.0	13.2	4.8	13	40	367 Btuh
12	2 NFRC	0.35, 0.35	No	No	E		1.5ft	1.0ft	4.0	0.5	3.5	13	40	146 Btuh
13	2 NFRC	0.35, 0.35	No	No	S		1.5ft	1.0ft	6.0	6.0	0.0	13	16	80 Btuh
Excursion														2623 Btuh
Window Total									342 (sqft)					12470 Btuh
Walls	Type					U-Value	R-Value	Area(sqft)		HTM		Load		
							Cav/Sheath							
1	Frame - Wood - Ext						0.09	13.0/0.0	312.0		2.1		651 Btuh	
2	Face Brick - Wood - Ext						0.06	13.0/0.0	489.2		0.9		430 Btuh	
3	Face Brick - Wood - Ext						0.06	13.0/0.0	215.0		0.9		189 Btuh	
4	Face Brick - Wood - Ext						0.06	13.0/0.0	463.5		0.9		407 Btuh	
5	Frame - Wood - Adj						0.09	13.0/0.0	237.2		1.5		358 Btuh	
Wall Total									1717 (sqft)				2034 Btuh	
Doors	Type							Area (sqft)		HTM		Load		
1	Insulated - Exterior								16.0		11.2		179 Btuh	
2	Insulated - Exterior								24.0		11.2		269 Btuh	
3	Insulated - Garage								17.8		11.2		199 Btuh	
4	Insulated - Exterior								16.0		11.2		179 Btuh	
Door Total									74 (sqft)				826 Btuh	
Ceilings	Type/Color/Surface					U-Value	R-Value	Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle						0.032	30.0/0.0	2214.0		1.66		3666 Btuh	
2	Knee Wall/DarkShingle						0.032	30.0/0.0	102.0		1.66		169 Btuh	
Ceiling Total									2316 (sqft)				3835 Btuh	
Floors	Type						R-Value	Size		HTM		Load		
1	Slab On Grade						0.0		2214 (ft-perimeter)		0.0		0 Btuh	
Floor Total									2214.0 (sqft)				0 Btuh	
	Envelope Subtotal:													19165 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
1010061ZecherBryanJacksonRes

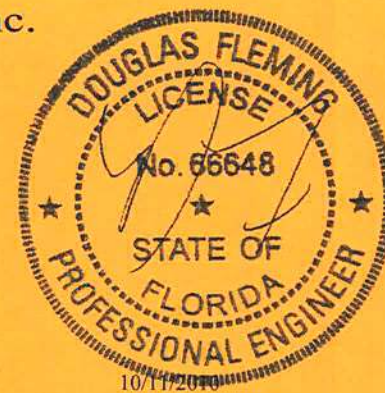
, FL

10/20/2010

Infiltration	Type SensibleNatural	ACH 0.40	Volume(cuft) 19926	Wall Ratio 1717	CFM= 166.1	Load 2472 Btuh
Internal gain		Occupants 5	Btuh/occupant X 230	Appliance +	3400	Load 4550 Btuh
	Sensible Envelope Load:					26188 Btuh
Duct load	Average sealed, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.253)		6621 Btuh
	Sensible Load All Zones					32809 Btuh

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:1U5Y487-Z0111133818



Truss Fabricator: Anderson Truss Company
 Job Identification: 10-205--Fill in later BRYAN ZECHER/JACKSON -- , **
 Truss Count: 51
 Model Code: Florida Building Code 2007 and 2009 Supplement
 Truss Criteria: FBC2007Res/TPI-2002(STD)
 Engineering Software: Alpine Software, Version 9.05.
 Structural Engineer of Record: The identity of the structural EOR did not exist as of
 the seal date per section 61G15-31.003(5a) of the FAC
 Address:
 Minimum Design Loads: Roof - 40.0 PSF @ 1.25 Duration
 Floor - N/A
 Wind - 110 MPH ASCE 7-05 -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: HCUSR487

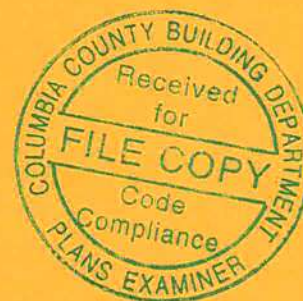
Douglas M. Fleming
 -Truss Design Engineer-

1950 Marley Drive
 Haines City, FL 33844

Details: BRCLBSUB-CNNAILSP-

#	Ref	Description	Drawing#	Date
1	91846--A2		10284014	10/11/10
2	91847--A1		10284015	10/11/10
3	91848--HM21A		10284016	10/11/10
4	91849--H13A		10284002	10/11/10
5	91850--H11A		10284003	10/11/10
6	91851--HM7A		10284037	10/11/10
7	91852--HM9A		10284017	10/11/10
8	91853--HM11A		10284018	10/11/10
9	91854--HM13A		10284019	10/11/10
10	91855--HM15A		10284020	10/11/10
11	91856--HM17A		10284021	10/11/10
12	91857--HM19A		10284022	10/11/10
13	91858--HS15A		10284023	10/11/10
14	91859--HS17AT		10284024	10/11/10
15	91860--HS21AT		10284025	10/11/10
16	91861--AT1		10284026	10/11/10
17	91862--AT2		10284027	10/11/10
18	91863--HS19AT		10284028	10/11/10
19	91864--AT3		10284029	10/11/10
20	91865--H9AT		10284038	10/11/10
21	91866--H7B		10284039	10/11/10
22	91867--H9B		10284004	10/11/10
23	91868--B		10284005	10/11/10
24	91869--B1		10284006	10/11/10
25	91870--BG		10284052	10/11/10
26	91871--H1C		10284040	10/11/10
27	91872--CG		10284041	10/11/10
28	91873--FG4		10284042	10/11/10
29	91874--FG1		10284043	10/11/10
30	91875--FG3		10284044	10/11/10
31	91876--FG2		10284045	10/11/10
32	91877--EJ9		10284007	10/11/10
33	91878--EJ9T		10284008	10/11/10
34	91879--CJ7T		10284009	10/11/10
35	91880--CJ5T		10284010	10/11/10
36	91881--CJ3T		10284011	10/11/10

#	Ref	Description	Drawing#	Date
37	91882--CJ1		10284030	10/11/10
38	91883--HJ9T		10284046	10/11/10
39	91884--CJ3		10284012	10/11/10
40	91885--CJ5		10284031	10/11/10
41	91886--CJ7		10284032	10/11/10
42	91887--HJ9		10284047	10/11/10
43	91888--HJ5		10284048	10/11/10
44	91889--H5M		10284049	10/11/10
45	91890--M		10284013	10/11/10
46	91891--EJ54		10284033	10/11/10
47	91892--HJ7		10284050	10/11/10
48	91893--EJ7		10284034	10/11/10
49	91894--EJ1		10284035	10/11/10
50	91895--HJ1		10284051	10/11/10
51	91896--EJ7S		10284036	10/11/10



(10-205--F111 in later BRYAN ZECHER/JACKSON --, ** - A2)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

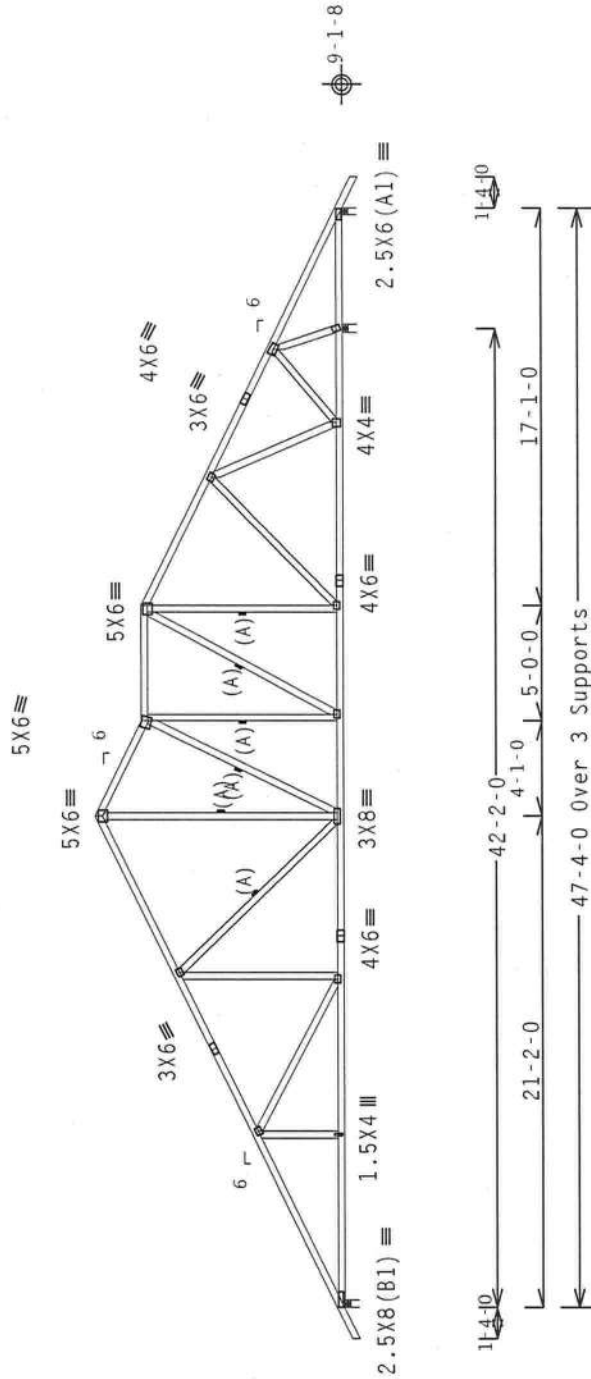
Negative reaction(s) of -232# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 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

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

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



R--232 Rw=65 U=152 W=3.5"

R-1766 U=0 W=4"
RL=266/-266

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .125"/Ft.

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

TC LL	20.0 PSF	REF	R487-- 91846
TC DL	10.0 PSF	DATE	10/11/10
BC DL	10.0 PSF	DRW	HCUSR487 10284014
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	153274
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U5Y487_Z01

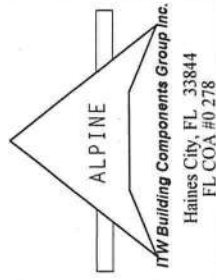


WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!

IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for safe practices prior to performing these functions. Installers shall provide temporary bracing per BCSI, unless noted otherwise. Trusses shall be braced in accordance with the attached right of way. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

1111 Building Components Group Inc. (1111BCGI) shall not be responsible for any deviation from the design shown. Trusses shall be installed in accordance with ANSI/TPI 1, or for handling, shipping, installing and bracing of trusses. Apply plates to each face of truss and position as shown above and on the back of trusses, unless noted otherwise. Refer to drawings 1504-2 for standard plate positions. A seal or drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This job's general notes pages; 1111-BCGI: www.1111bcgi.com; TPI: www.tpiinst.org; WICA: www.bcsiindustry.com; IPI: www.ipiinst.org



(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - A1)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

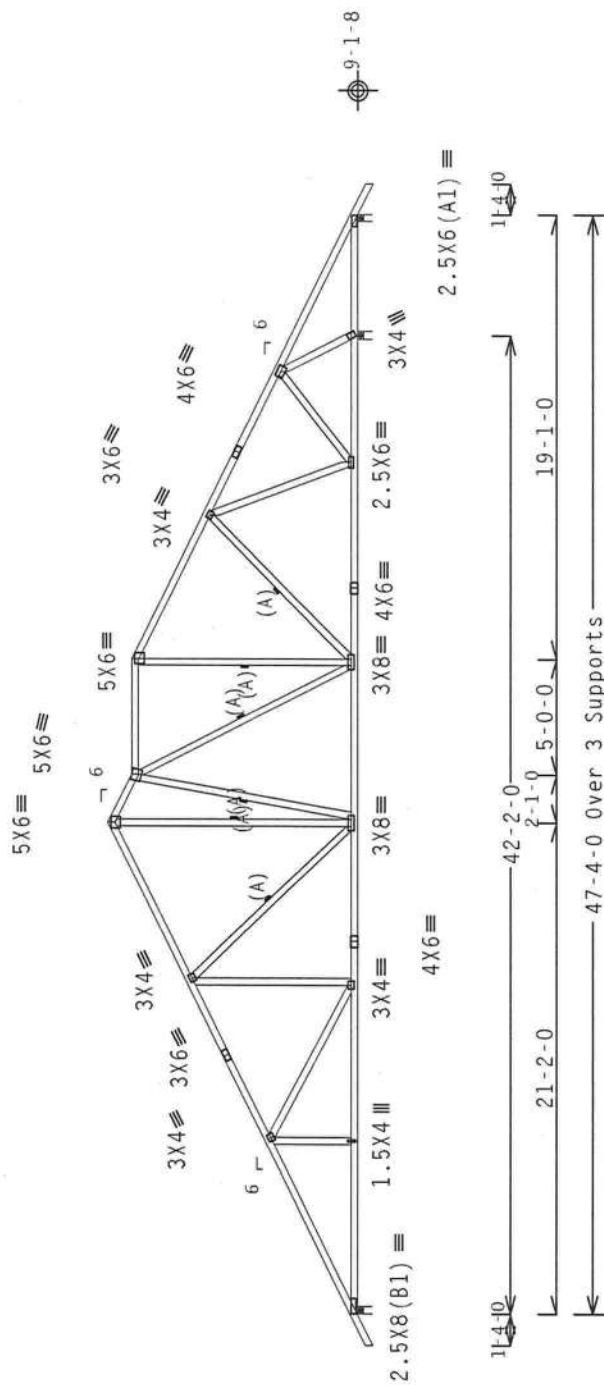
Negative reaction(s) of -214# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, 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.

Bottom chord checked for 10.00 psf non-concurrent live load.

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



R-1770 U=0 W=4"
RL-266/-266

R=-214 RW=72 U=154 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

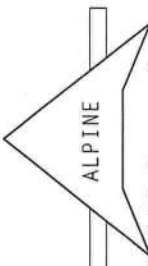
PLT TYP. Wave

FL/- /4/- /- /R/- Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R487--	91847
TC DL	10.0 PSF	DATE	10/11/10	
BC DL	10.0 PSF	DRW	HCUSR487	10284015
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	152974	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1U5Y487_Z01	



IMPORTANT: READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI Building Component Safety Information, by TPI and NICA for proper handling, shipping, installing and bracing. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint and bracing shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
IITW Building Components Group Inc. (IITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing and bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility by the designer. The designer's use of this design for any structure is the responsibility of the user. IITWBCG, TPI: www.tpiinc.com; NICA: www.abctindustry.com; ICCI: www.iccsafe.org



ALPINE
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Haines City, FL 33844
FL COA #0278

(10-205--Fill) in later BRYAN ZECHER/JACKSON --, ** - HM21A)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

MFERS loads based on trusses located at least 15.00 ft. from roof edge.

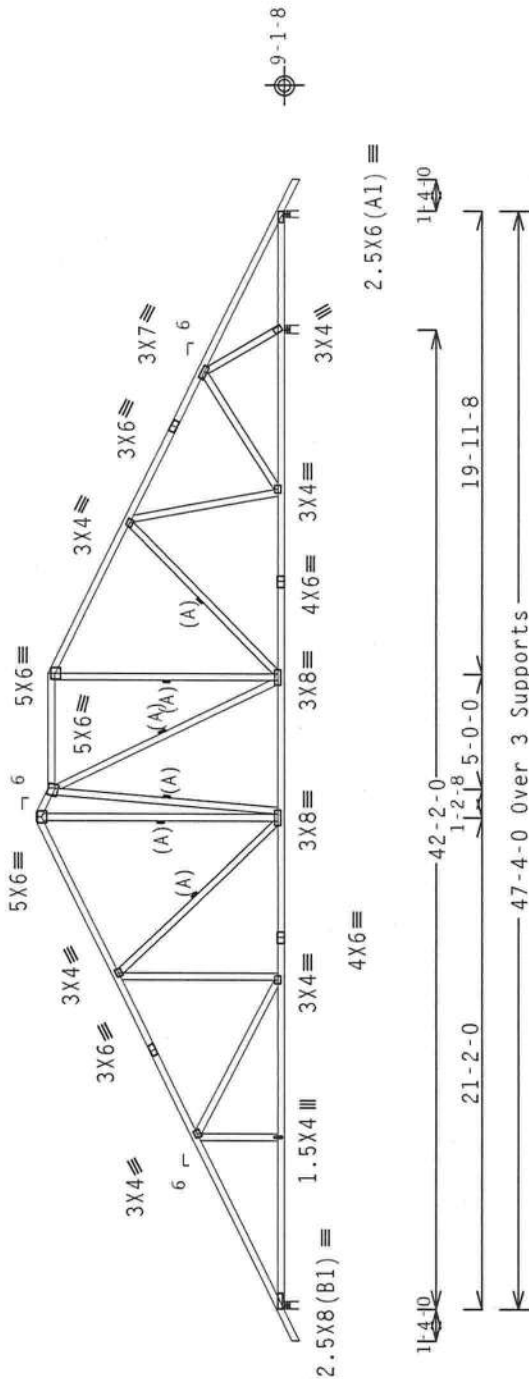
Negative reaction(s) of -200# MAX. (See below) from a non-wind load case requires uplift connection.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, 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.

Bottom chord checked for 10.00 psf non-concurrent live load.

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



R=1774 U=0 W=4
RL=265/-264

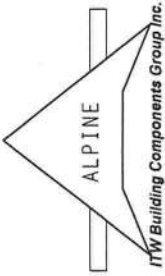
R=200 RW=77 U=150 W=3.5

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R487-- 91848
TC DL	10.0 PSF	DATE	10/11/10
BC DL	10.0 PSF	DRW	HCUSR487 10284016
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	152983
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U5Y487_Z01



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

DOUGLAS FLEMING
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
10/11/2010

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCS Building Components Group Inc. (BCSG) for all details and specifications. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCS sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the details shown in this drawing. The user of this design for any structure is responsible for the design and construction of the structure. This job's general notes page: ITH-BCG: www.ithbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustrial.com; ICC: www.iccsafe.org

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - H13A)

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

Roof overhang supports 2.00 psf soffit load.

(A) 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.

Bottom chord checked for 10.00 psf non-concurrent live load.

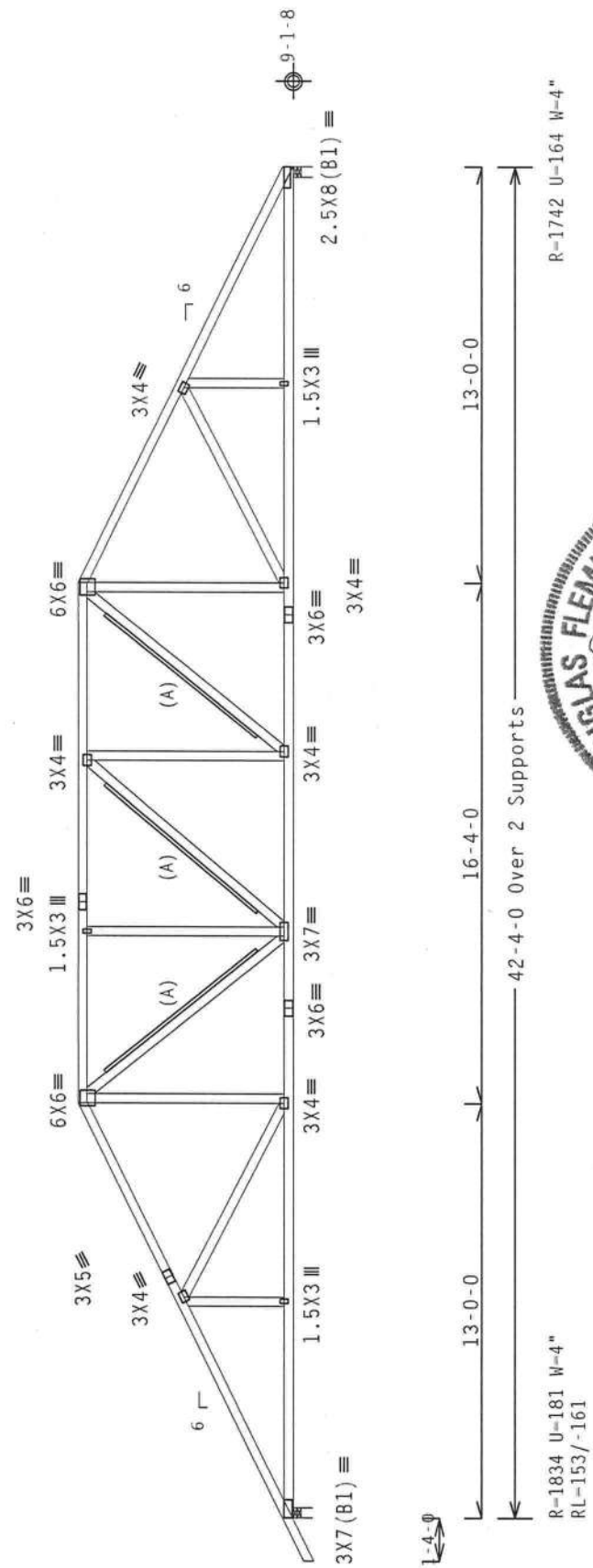
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, 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.

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

Deflection meets L/240 live and L/180 total load.



R-1834 U-181 W-4"
RL-153/-161

42'-4" Over 2 Supports

R-1742 U-164 W-4"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

PLT TYP. Wave	QTY 1	FL/- /4/- /- /R/-	TC LL	20.0 PSF	REF R487--	91849
			TC DL	10.0 PSF	DATE	10/11/10
			BC DL	10.0 PSF	DRW	HCUSR487 10284002
			BC LL	0.0 PSF	HC-ENG	JB/DF
			TOT.LD.	40.0 PSF	SEQN-	152993
			DUR.FAC.	1.25		
			SPACING	24.0"	JREF-	1U5Y487_Z01

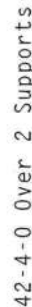
WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for details on the proper installation of trusses. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint. Webs shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Details, unless noted otherwise. Refer to drawings 160A-2 For standard plate positions. A seal on drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. ITW-BCG: www.itwbcg.com; IPI: www.ipiinst.org; WICA: www.sbcindustry.com; ICC: www.iccsafe.org

ALPINE

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

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

Deflection meets L/240 live and L/180 total load.



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

111110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind OC DL=5.0 psf. Iw=1.00 GCpt (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002(STD)

PLT TYP. Wave	 ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS. **IMPORTANT** Trusses require extreme care in fabricating, snipping, installing and bracing. Follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for details and practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B5, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joining end of truss. The drawings are for information only. The drawings are not to be used as a basis for drawing or construction. The drawings are not to be used as a basis for drawing or construction. The drawings are not to be used as a basis for drawing or construction. responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: This Job's general notes page; ITW-BCG: www.itwbcg.com; IPI: www.tpinet.org; WICA: www.bcsiindustry.com; ICC: www.iccsafe.org	9.05% 03.0319/17 No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 10/11/2010	FL / - / 4 / - / R / - 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"	Scale = .125" / Ft. REF R487 -- 91852 DATE 10/11/10 DRW HCUSR487 10284017 HC-ENG JB/DF SEQN- 153142 JREF- 1U5Y487_Z01
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(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - HW11A)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

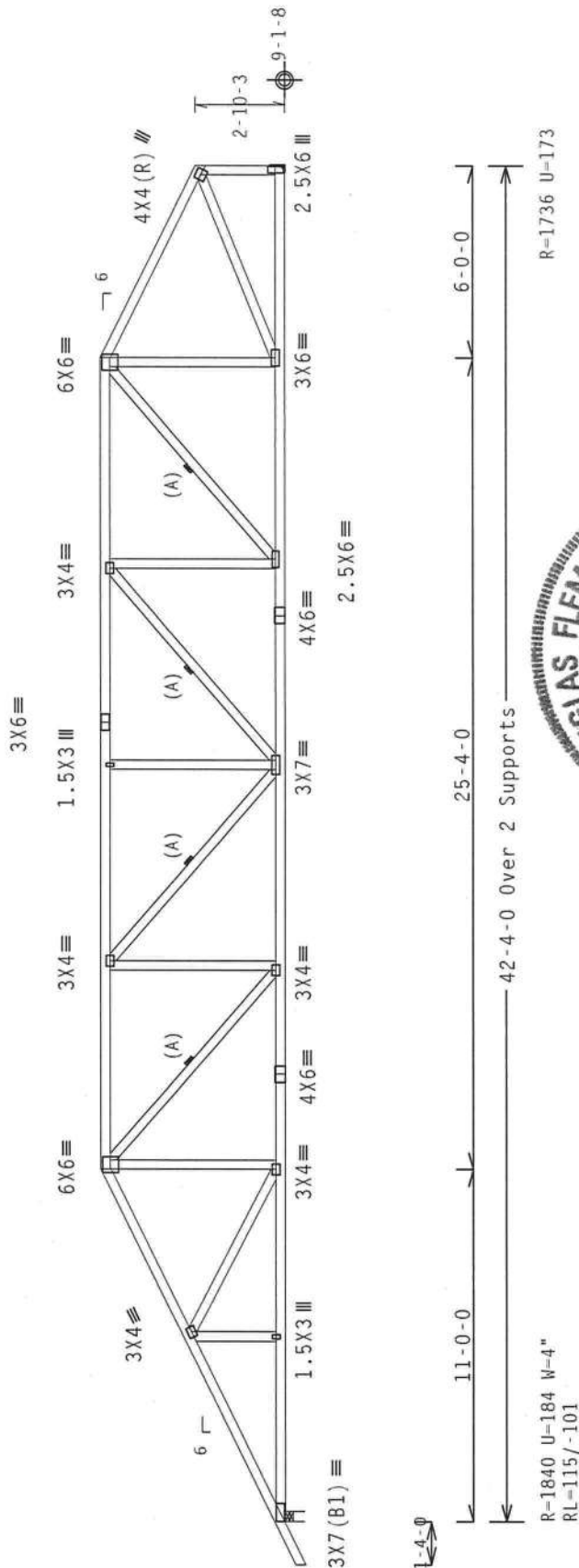
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-1840 U-184 W-4"
RL-115/-101

R-1736 U-173

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R487--	91853
TC DL	10.0 PSF	DATE	10/11/10	
BC DL	10.0 PSF	DRW	HCSR487	10284018
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	153155	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1U5Y487_Z01	

PLT TYP. Wave

ALPINE

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

WARNING: READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

IMPORTANT: Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety) Information, by IPI and NICA for proper handling, shipping, installing and bracing. Trusses shall be installed in accordance with the details shown on this drawing. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint by webs shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the details shown on this drawing. The user of this drawing shall be responsible for any deviation from the details shown on this drawing. Apply plates to each face of truss and position as shown above and on the details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. For more information, visit our website at www.itwbcg.com. IPI: www.ipiinst.org; NICA: www.sectindstry.com; ICC: www.iccsafe.org

Douglas Fleming
LICENSE
No. 66648
STATE OF FLORIDA
PROFESSIONAL ENGINEER
03/03/17

9.05.03.0319.17

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

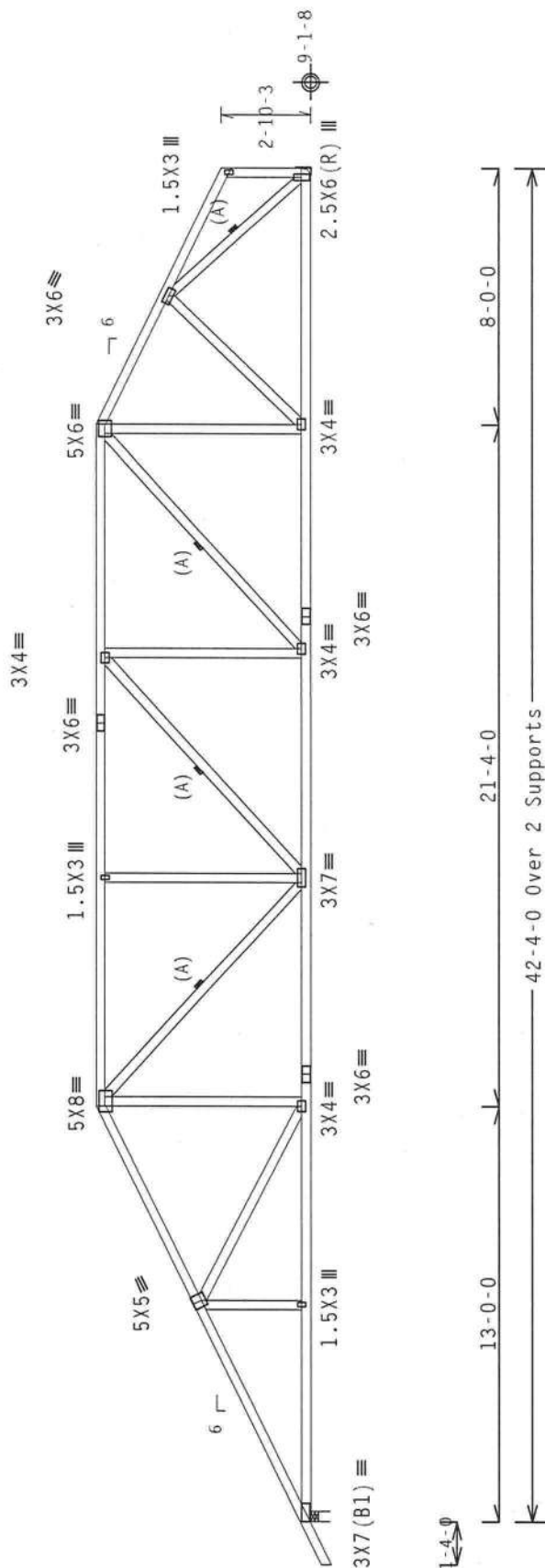
111110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

MMFRS loads based on trusses located at least 7.50 ft. from roof edge.



R=1840 U=181 W=4"
RL=137/-123

42-4-0 Over 2 Supports

R-1736 U-171

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

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

QT1

9.05.03.0319.17

$$10(0)$$
 $100\text{ K} / \text{RT} = 10\%$

150

3

have

PLT TYP

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
 CLOSING THIS DESIGN TO ALL CONTRACTORS INCLUDING INSIDERS

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Trusses require extreme care in fabricating, handling, shipping, installing and bracing.

follow the latest edition of BCSI (Building Component Safety Information, by IPI and NFCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.

shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have a properly attached rigid ceiling.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design.

Apply plates to each face of truss and position as shown above and on the Joint.

DRAWING OR COVER PAGE LISTING THIS DRAWING. Indicates acceptance of professional engineering details, unless noted otherwise. Refer to drawings IBA-2 for standard plate positions. A seal on the drawing or cover page listing this drawing.

the responsibility of the Building Designer per ANSI/ISO 1 Sec.2. For more information see: This job's responsibility solely for the design shown.

CC: www.tccsafe.org
info@tccsafe.com, www.tccsafe.com, www.springspring.com, www.tccsafe.org

ALPINE

W Building Components Group Inc.

Haines City, FL 33844

FL COA #0 278

(10-205--Fill in later BRYAN ZECHER/JACKSON -- , ** - HM15A)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

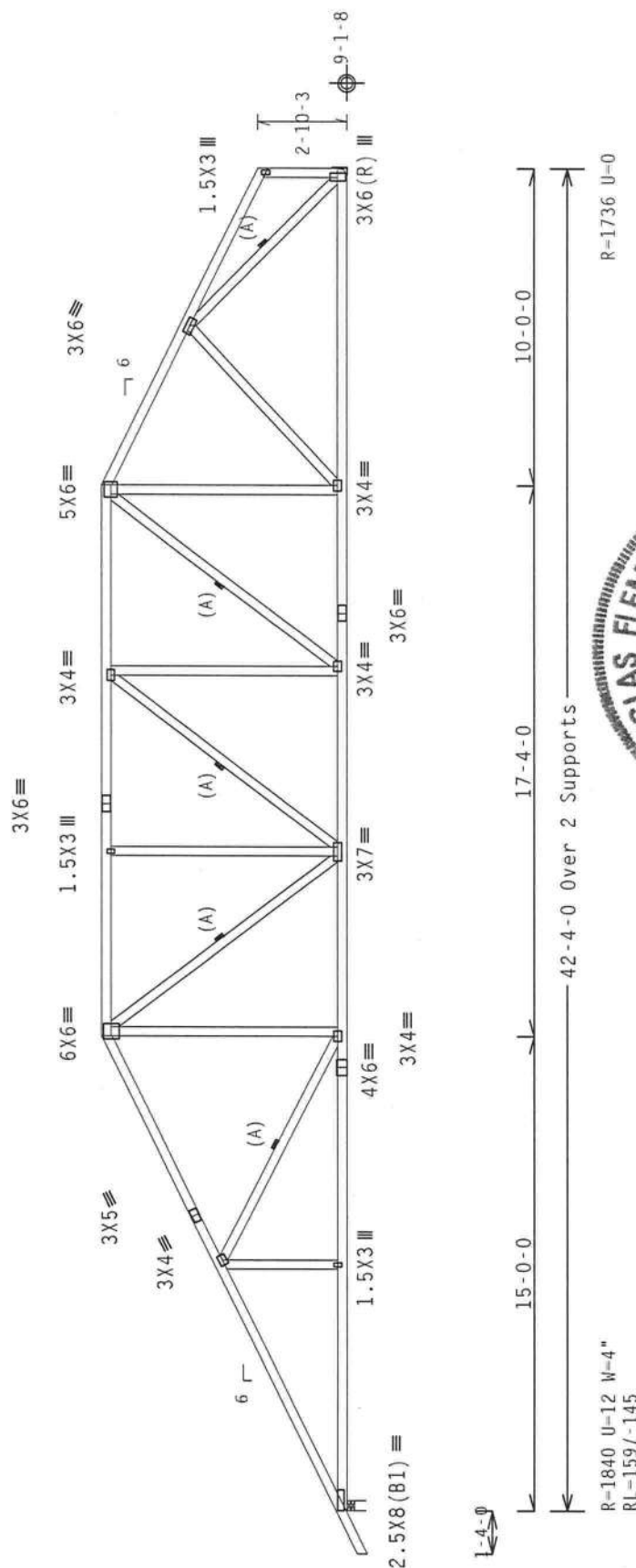
110 mph wind, 15.00 ft mean hgt, ASEE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. Iw=1.00 GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

MMFRS loads based on trusses located at least 15.00 ft. from roof edge.



Design Crit: FBC2007Res/TPI-2002(STD)

FT/RT=10%(0%)/0(0)

FL/-/4/-/-/R/-
Scale = .1875"/Ft.

TC LL	20.0 PSF	REF	R487-- 91855
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DATE	10/11/10
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10 0 PSE	DRW	HCUSP487 10284020
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0	0	PSE		HC ENC	10 / DE	DIN 11683K47, 102091020
0	0	PSE				
0	0	PSE				
0	0	PSE				

BG LL	0.0	PSP
HC-ENG JB/DF		

101.LD.	40.0 PSF	SEQN-	I531/2
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OUR.FAC.	1.25
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SPACING	24.0"	JREF- 1U5Y487_Z01
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WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
IMPORTANT

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCS (Building Component Safety Information, by IPI and WICA) for safety.

practices prior to performing these functions. Installers shall provide temporary bracing per CSA
unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord

shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCS1 sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (IBCG) shall not be responsible for any deviation from the design of the truss system. IBCG shall not be responsible for any failure to build the truss in conformance with ANST/TP1 1, or for handling, shipping, installation or use of the truss.

metals, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the bottom of the plates is required for all trusses. Apply plates to each face of truss and position as shown above and on the joint for connecting of trusses. Indicate acceptance of professional engineering drawing or cover page listing this drawing.

responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/HP 1 Sec.2. For more information see: This Job's

General notes page: 11H-8C6; www.11hbcg.com; TPL: www.tplinst.org; MICA: www.abclindustry.com;
CC: www.1ccsafe.org

PLT TYP. Wave

ALPINE

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

(10-205--Fill) in later BRYAN ZECHER/JACKSON --, ** - HM17A)

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

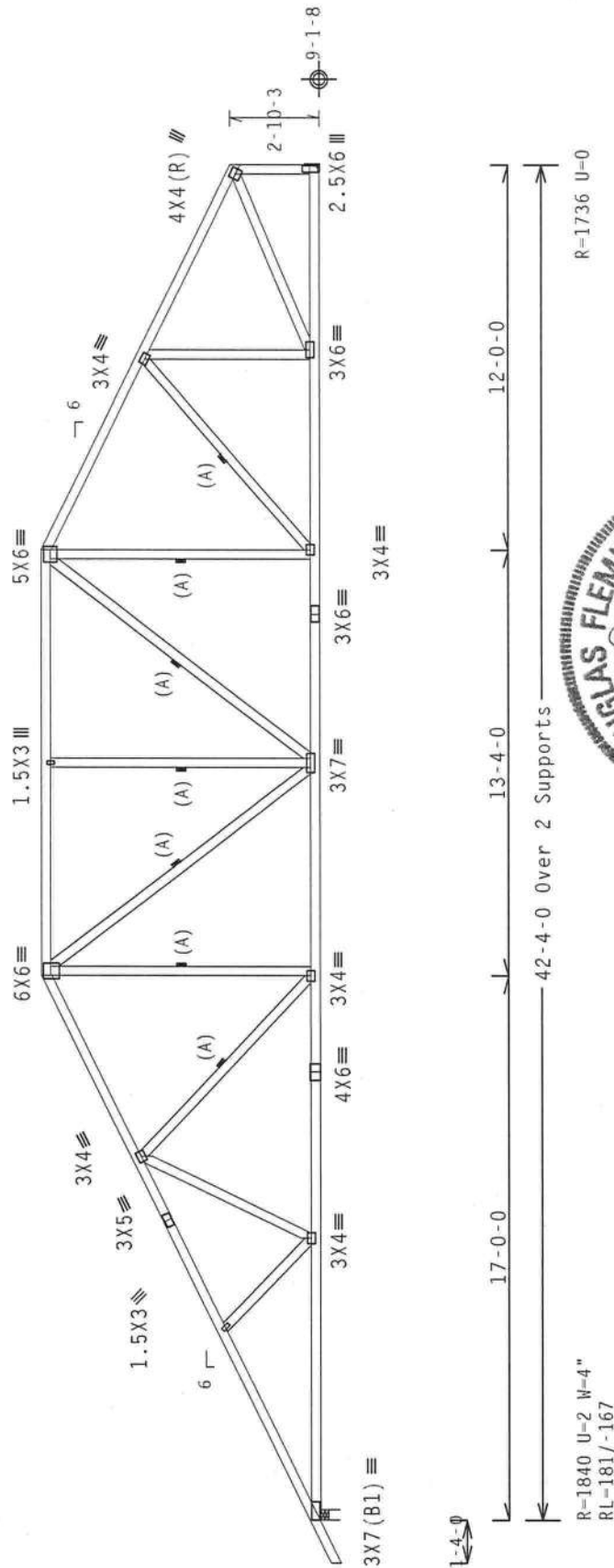
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCPI (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

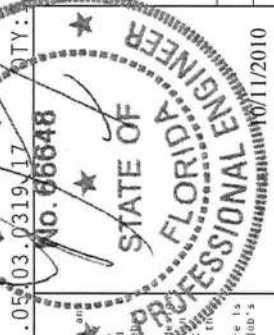
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R-1840 U-2 W-4"
RL-181/-167

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.



IMPORTANT!! FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for best practices prior to performing these functions. Installers shall provide temporary bracing per BCSI and shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installation, and bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 sec.2. For more information see: www.itwbcg.com; www.tpiinst.org; www.bcsiindustry.com

PLT TYP. Wave

ALPINE

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

TC LL	20.0 PSF	REF	R487--	91856
TC DL	10.0 PSF	DATE	10/11/10	
BC DL	10.0 PSF	DRW	HCUSR487	10284021
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	153181	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1U5Y487_Z01	

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

Roof overhang supports 2.00 psf soffit load.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

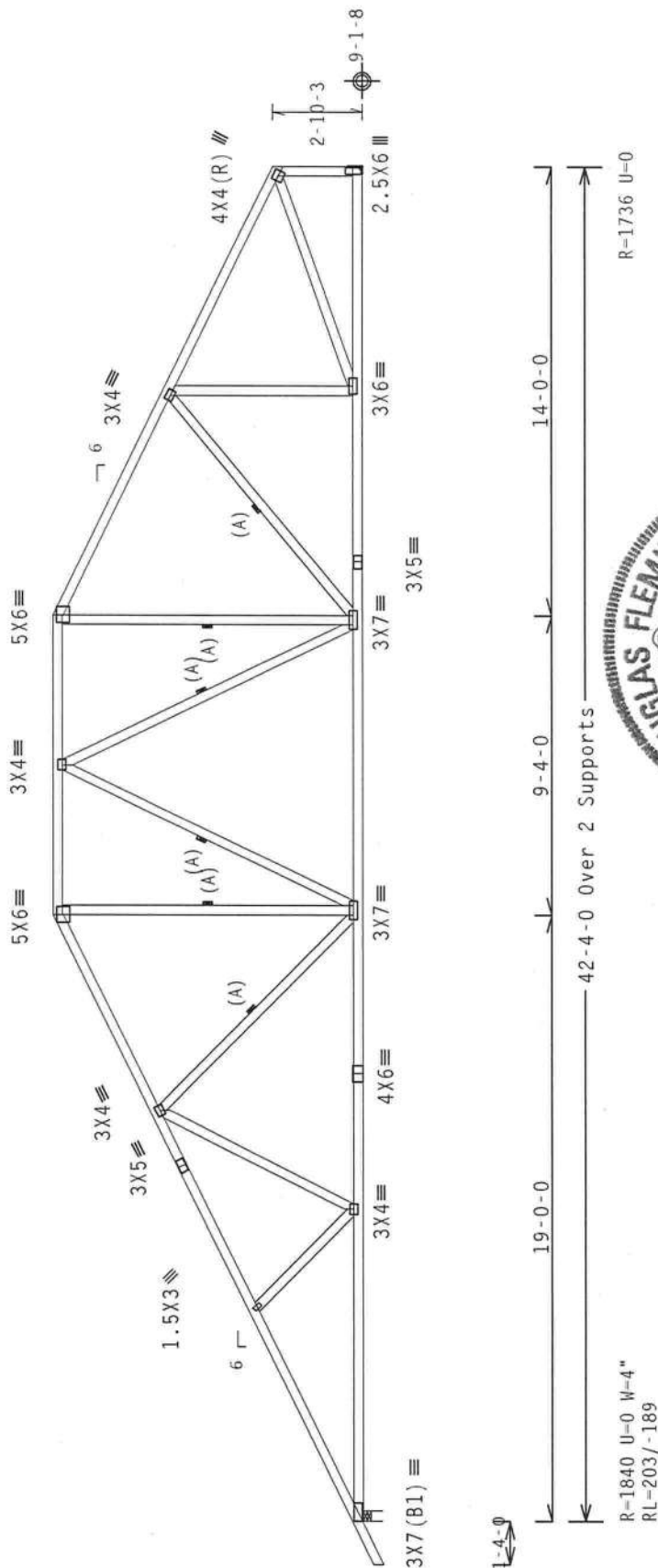
1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 6.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCpf (+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



Design Crit: FBC2007Res/TPI-2002 (STD)

FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

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

~~17 QTY~~

9.05103.

$$r = 10\% (0\%) / 0 ($$

Figure 1. F

Wave

PLT T

•WARNING• READ AND FOLLOW ALL NOTES ON THIS SHEET
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

•IMPORTANT•

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following information for details.

follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.

Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint on exterior wall

shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (IIBCû) shall not be responsible for any deviation from this standard by failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation

tracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint. Refer to drawings 160A-7 for standard plate positions. A seal on the tails, unless noted otherwise.

listing this drawing, indicates acceptance of professional engineering drawing or cover page

responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's

general notes page: ITN-BCG: www.itubcg.com; IPT: www.tpinst.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org

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

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCpf (+/-)=0.18

Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

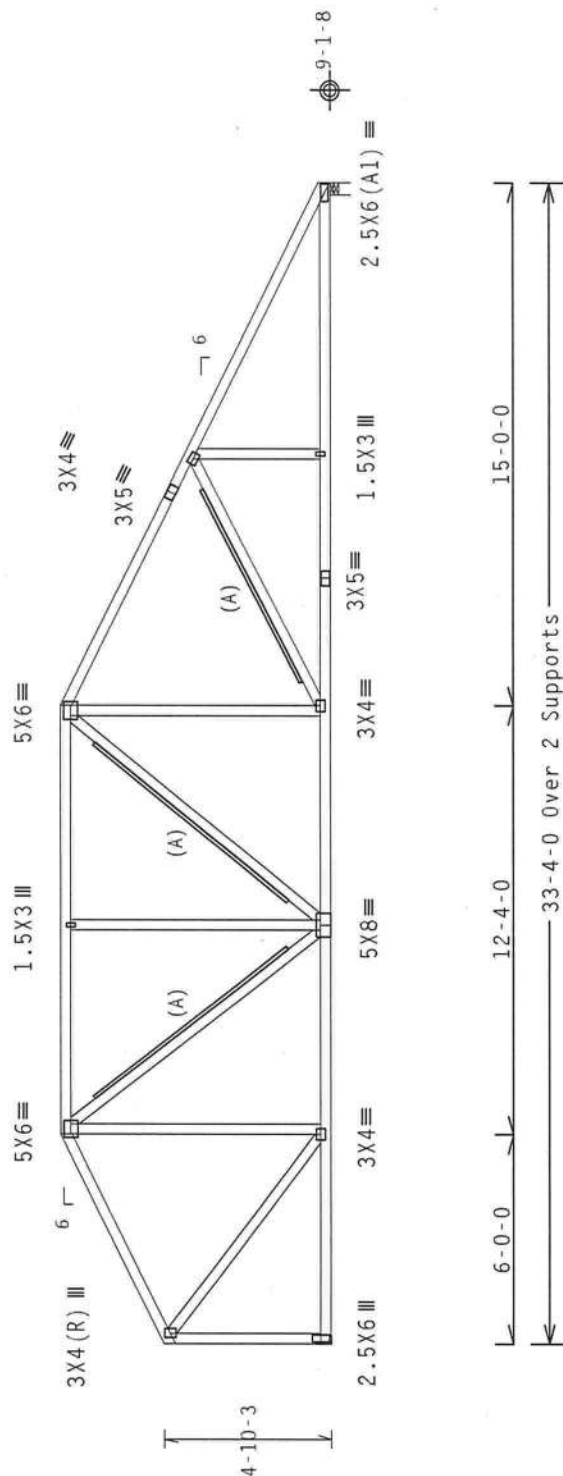
(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5",min.) nails @ 6" OC.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.

WFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1367 U=16
RL=87/-132

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

FL/-/4/-/-/R/-
Scale = .1875" / Ft.

RC LL	20.0 PSF	REF R487-- 91858
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DATE	10/11/10
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10 0 PSE	DBL HCLSD187 10281023
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[illegible]

BC LL	0.0 PSF	HC-ENG JB/DF
1.0	1.0	1.0
2.0	2.0	2.0
3.0	3.0	3.0
4.0	4.0	4.0
5.0	5.0	5.0
6.0	6.0	6.0
7.0	7.0	7.0
8.0	8.0	8.0
9.0	9.0	9.0
10.0	10.0	10.0
11.0	11.0	11.0
12.0	12.0	12.0
13.0	13.0	13.0
14.0	14.0	14.0
15.0	15.0	15.0
16.0	16.0	16.0
17.0	17.0	17.0
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42.0	42.0	42.0
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45.0	45.0	45.0
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68.0	68.0	68.0
69.0	69.0	69.0
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71.0	71.0	71.0
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86.0	86.0	86.0
87.0	87.0	87.0
88.0	88.0	88.0
89.0	89.0	89.0
90.0	90.0	90.0
91.0	91.0	91.0
92.0	92.0	92.0
93.0	93.0	93.0
94.0	94.0	94.0
95.0	95.0	95.0
96.0	96.0	96.0
97.0	97.0	97.0
98.0	98.0	98.0
99.0	99.0	99.0
100.0	100.0	100.0

101.LD.	40.0 PSF	SEQN-	152784
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OUR.FAC.	1.25
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SPACING	24.0"	JREF- 1U5Y487_Z01
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[illegible]

ALPINE
Building Components Group Inc.
Haines City, FL 33844
Tel. COA #0 778

	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 7-05, 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 GCpt (+/-)=0.18

Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

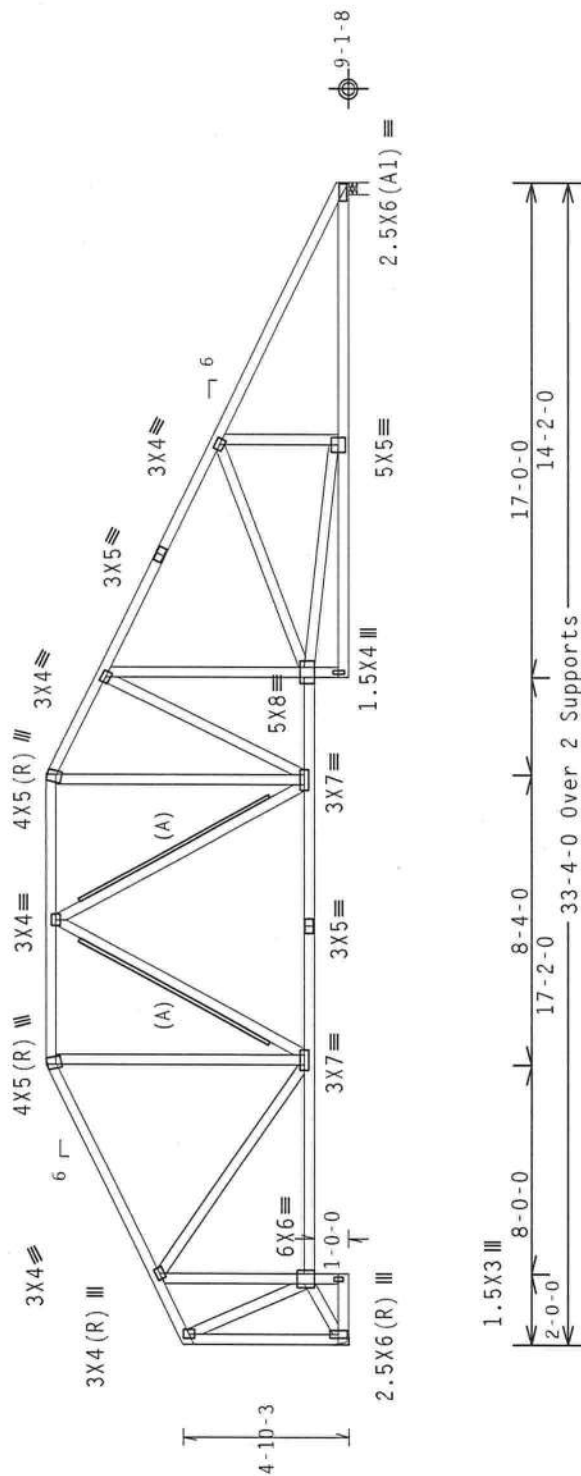
(A) 1x4 #3SRB SPF-S or better "T" brace. 80% length of web member. Attach with 8d Box or Gun (0.113"x2.5", min.) nails @ 6" OC.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.

MMWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1367 U=0
RL=109/-153

Design Crit: FBC2007Res/TPI-2002 (STD)

FT/RT=10%(0%)/0(0)

FL/-/4/-/-/R/-/-
Scale = .1875"/Ft.

*** * WARNING * *** READ AND FOLLOW ALL NOTES ON THIS SHEET!

****IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety) Information, by IP1 and NICA for all trussing practices prior to performing these functions. Installers shall provide temporary bracing per BCSP. Trusses shall have a properly attached rigid ceiling. Top chord shall have attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of trusses shall have a permanent lateral restraint per BCSP sections B3, B7 or B10, as applicable.

LTD Building Components Group Inc. (LBCGEC) shall not be responsible for any deviation from the design or failure to build the truss in conformance with ANSI/APA-101 or for handling, shipping, installation or packaging of trusses. Apply plates to each face of truss and position as shown above and on the Jointed Truss Details, unless noted otherwise. Refer to drawings I60A-2 For standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/APA-101 Sec.2. For more information see: This Job's LBCGEC: was; lbcgec.com; info@lbcgec.com; www.lbcgec.com; 800-755-5849; fax: 360-354-8456

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

Haines City, FL 33844
 FL COA #0278

JREF- 1U5Y487_Z01

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - HS21AT)

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

110 mph wind, 16.62 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ $G_{Cp1}(+/-)=-0.18$

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

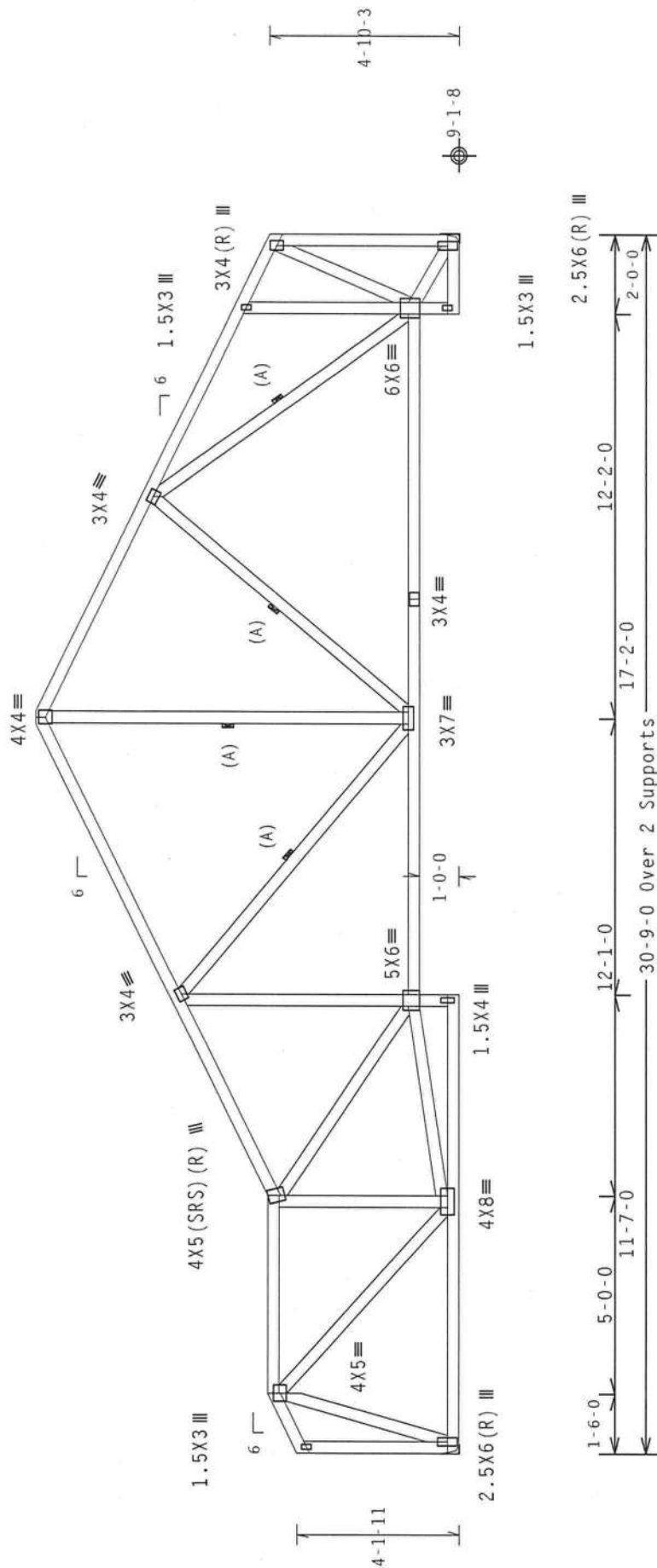
Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 16.62 ft. from roof edge.

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 total load.



R-1266 U-0
RL=136/-129

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .25"/Ft.

 ALPINE rW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. **IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, shipping, installing and bracing. Refer to and follow all details, specifications, and instructions for proper handling, bracing, and installation practices prior to performing these functions. The installer shall provide temporary bracing and bracing noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSS sections B3, B7 or B10, as applicable. 11W Building Components Group Inc. (11WBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal of approval drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure other than that intended is the responsibility of the user. This document is not to be used for general notes page: 11W-BCG; www.11wbcg.com; TPI: www.tpiinst.org; NICA: www.socindustri7.com; ICC: www.iccsafe.org	No. 66648 FLORIDA STATE OF PROFESSIONAL ENGINEER DOUGLAS FLEMING LICENSE 9.06.03.0319.17	TC LL	20.0 PSF	REF	R487 --	91860
	TC DL	10.0 PSF	DATE	10/11/10			
	BC DL	10.0 PSF	DRW	HCUSR487	10284025		
	BC LL	0.0 PSF	HC-ENG	JB/DF			
	TOT.LD.	40.0 PSF	SEQN-	152872			
	DUR.FAC.	1.25					
	SPACING	24.0"	JREF-	1U5Y487_Z01			

(10-205--Fill in later BRYAN ZECHER/JACKSON -- ** - AT1)

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

Bottom chord checked for 10.00 psf non-concurrent live load.

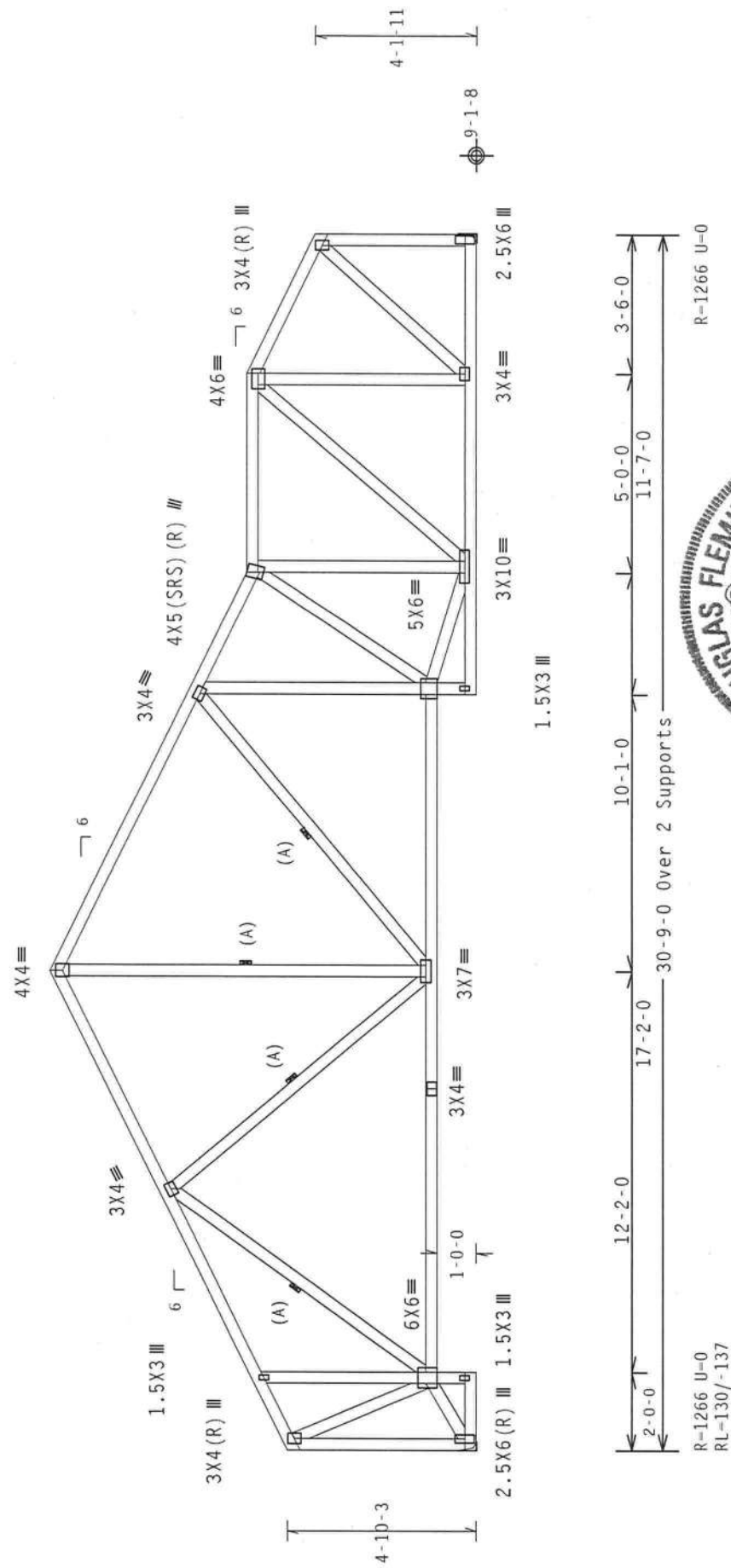
MWFRS loads based on trusses located at least 16.66 ft. from roof edge.

110 mph wind, 16.66 ft mean hgt, ASCE 7-05, 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. $1W=1.00 GCP1(+/-)=0.18$

Wind reactions based on MWFRS pressures.

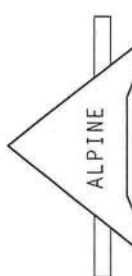
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

Deflection meets L/240 live and L/180 total load.



PLT TYP. Wave
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .25" / Ft.

 ALPINE Haines City, FL 33844 FL COA #0 278	FL / - / 4 / - / - / R / -				REF R487 -- 91861
	TC LL	20.0 PSF	TC DL	10.0 PSF	DATE 10/11/10
	BC DL	10.0 PSF	BC LL	0.0 PSF	DRW HCUR487 10284026
	TOT.LD.	40.0 PSF	DUR.FAC.	1.25	HC-ENG JB/DF
	SPACING	24.0"	SEQN-	152841	JREF- 1U5Y487_Z01



****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, b7 (PI and NICA) for BCSI practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
IIM Building Components Group Inc. (IIMBCG) shall not be responsible for any deviation from this design for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation, bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint details, unless noted otherwise. Refer to drawings 1008-2 for standard plate positions. A seal on the details, unless noted otherwise, shall indicate that the truss was fabricated in accordance with the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page; IIM-BCG: www.iimbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustry.com; ICC: www.iccsafe.org

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - AT2)

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

End verticals not exposed to wind pressure.

(A) Continuous lateral bracing equally spaced on member.

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

Deflection meets L/240 live and L/180 total load.

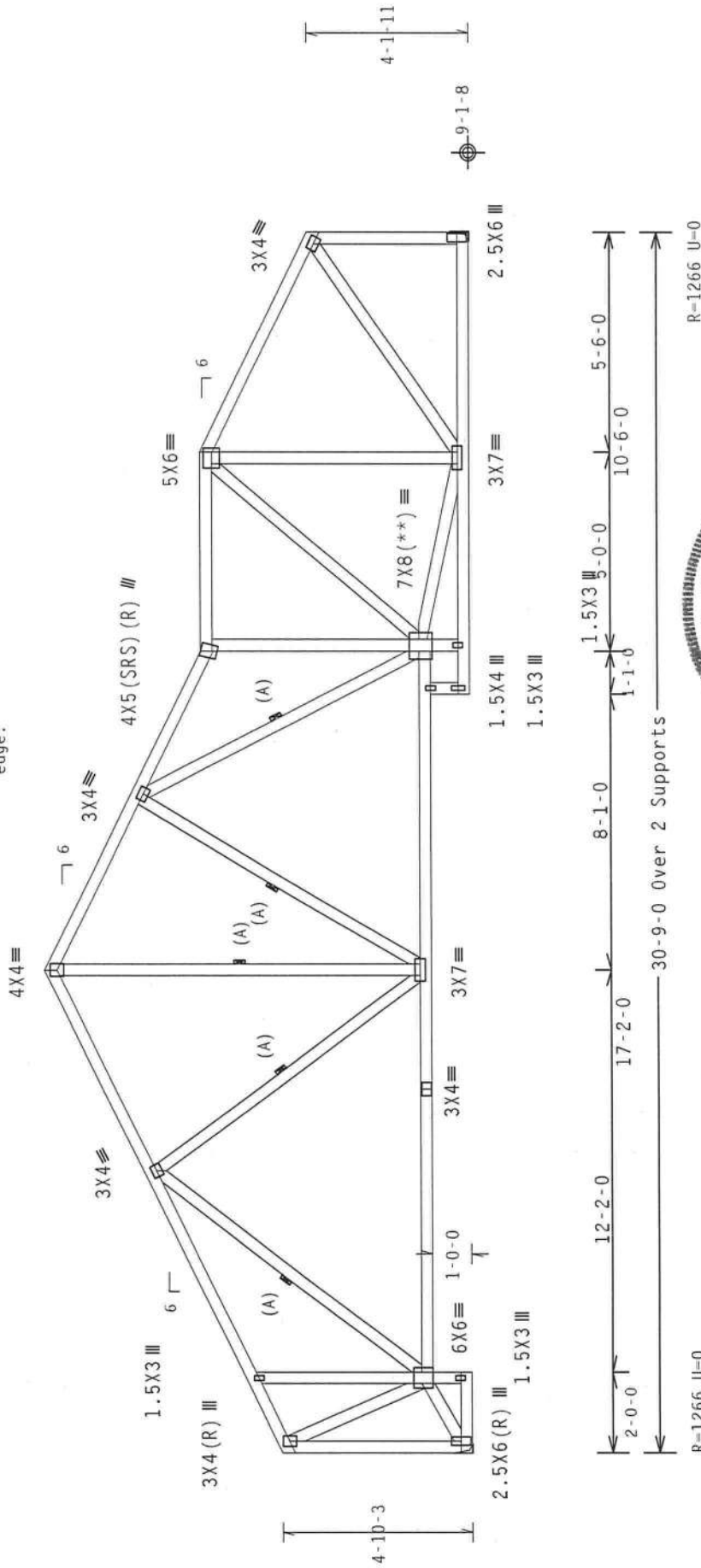
(**) 1 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

110 mph wind, 16.66 ft mean hgt, ASCE 7-05, 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 Gcpi (+/-)-0.18

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

MWFRS loads based on trusses located at least 16.66 ft. from roof edge.



R-1266 U-0
RL-130/-137

R-1266 U-0

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

Scale = .25"/Ft.

PLT TYP. Wave

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Components Safety Institute) Manual for proper bracing and handling. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint or webs shall have Building Components Group Inc. (ITWBCG) sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure. Responsibility solely for the design shown. The engineer and truss manufacturer shall be responsible for general notes page: ITWBCG: www.itwbcg.com; TPI: www.tpinet.org; MICA: www.sbcnet.org; ICC: www.iccsafe.org				REF R487-- 91862
	IMPORTANT FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.				DATE 10/11/10
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Components Safety Institute) Manual for proper bracing and handling. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint or webs shall have Building Components Group Inc. (ITWBCG) sections B3, B7 or B10, as applicable.				DRW HCUR487 10284027
	ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the drawing. Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure. Responsibility solely for the design shown. The engineer and truss manufacturer shall be responsible for general notes page: ITWBCG: www.itwbcg.com; TPI: www.tpinet.org; MICA: www.sbcnet.org; ICC: www.iccsafe.org				HC-ENG JB/DF
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Components Safety Institute) Manual for proper bracing and handling. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint or webs shall have Building Components Group Inc. (ITWBCG) sections B3, B7 or B10, as applicable.				SEQN- 152861
					JREF- 1U5Y487_Z01
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"					

(10-205--Fill) in later BRYAN ZECHER/JACKSON --, ** - HS19AT)

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

Left end vertical not exposed to wind pressure.

(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.

Bottom chord checked for 10.00 psf non-concurrent live load.

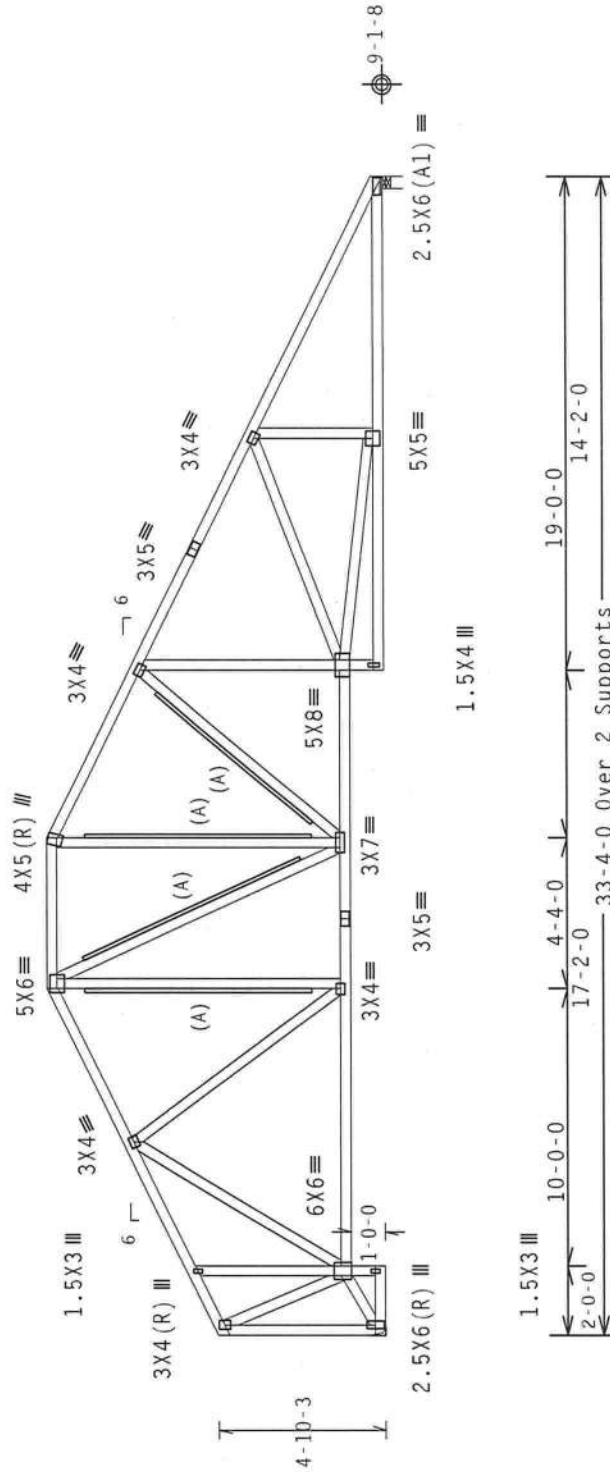
MWFRS loads based on trusses located at least 15.00 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

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

Deflection meets L/240 live and L/180 total load.



R-1367 U-0
RL-130/-174

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

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

PLT TYP. Wave

 ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Component Safety Information, by IPI and NICA for details on proper installation and bracing. The truss manufacturer shall be responsible for the design and use of this design for any structure. The responsibility for the design and use of this design for any structure is the responsibility of the truss manufacturer. IPI: www.ipiinc.com; NICA: www.nicainc.com; ICC: www.iccsafe.org										No. 66648 ★ STATE OF FLORIDA PROFESSIONAL ENGINEER 10/11/2010		
	TC LL	20.0 PSF	REF	R487 --	91863	FL	-	4	-	-	R	-	FL
	TC DL	10.0 PSF	DATE	10/11/10		FL	-	4	-	-	R	-	FL
	BC DL	10.0 PSF	DRW	HCUR487	10284028	FL	-	4	-	-	R	-	FL
	BC LL	0.0 PSF	HC-ENG	JB/DF		FL	-	4	-	-	R	-	FL
TOT.LD.				40.0 PSF		FL	-	4	-	-	R	-	FL
DUR.FAC.				1.25		FL	-	4	-	-	R	-	FL
SPACING				24.0"		FL	-	4	-	-	R	-	FL

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 7-05, 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 GCpf (+/-)=0.18

Left end vertical not exposed to wind pressure.

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

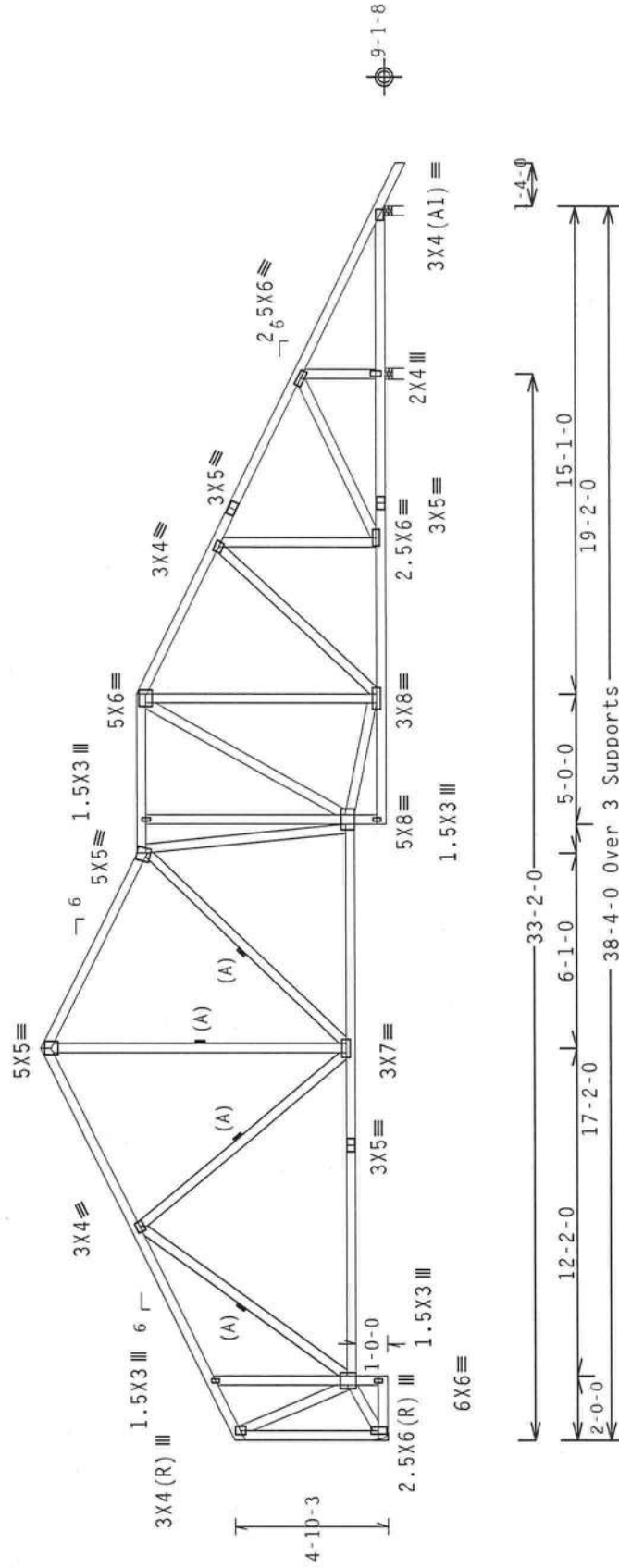
(A) Continuous lateral bracing equally spaced on member.

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

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.

MWFRS loads based on trusses located at least 15.00 ft. from roof edge.



R=1329 U=0
RL=177/-211

R=1835 U=0 W=4"
R=82 RW=87 U=47 W=3.5"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .1875"/Ft.

PLT TYP. Wave

****WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS**

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI Building Component Safety Information, by IPI and NCA, for specific instructions on proper handling of these trusses.

Trusses must be properly braced during erection. Attach one properly attached structural sheathing and bottom chord bracing to a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.

ILW Building Components Group Inc. (ILWBCG) shall not be responsible for any deviation from the design of the truss, or any failure to build the truss in compliance with ANSI/P1-1, or for handling, shipping, installation or bracing of trusses. Apply plates to each race of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings I60A-2 for standard plate positions. A seal of the manufacturer and cover plate listing this drafting, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design or any structure fabricated therefrom is the responsibility of the user. For more information on this job or for a complete response page, go to: ILW-BUG: www.ilwbug.com; IPI: new.ilwpi.org; IBCA: new.ilwbcg.org; IBC: new.ilwbcg.org



TC LL	20.0	PSF	REF	R487--	91864
TC DL	10.0	PSF	DATE	10/11/10	
BC DL	10.0	PSF	DRW	HCUSR487	10284029
BC LL	0.0	PSF	HC-ENG	JB/DF	
TOT.LD.	40.0	PSF	SEQN-	152912	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1U5Y487_Z01	

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - H9AT)

Top chord 2x4 SP #2 Dense :T2, T3 2x6 SP #2:
Bot chord 2x6 SP #3 :B3, B4 2x6 SP #2:
Webs 2x4 SP #3 :W8, W9 2x4 SP #2 Dense:
Filler 2x4 SP #2 Dense

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

110 mph wind, 15.00 ft mean ht, ASCE 7-05, 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 GCp1(+/-)-0.18

Calculated horizontal deflection is 0.15" due to live load and 0.16" due to dead load.

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

Left side jacks have 9-0-0 setback with 0-0-0 cant and 1-4-0 overhang. End jacks have 9-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right side jacks have 9-0-0 setback with 0-0-0 cant and 1-4-0 overhang.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule: 0.131"x3" 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.

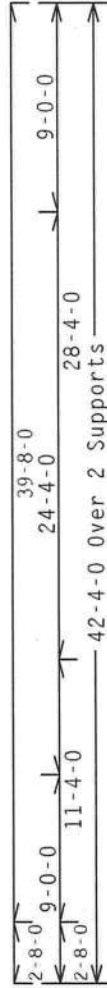
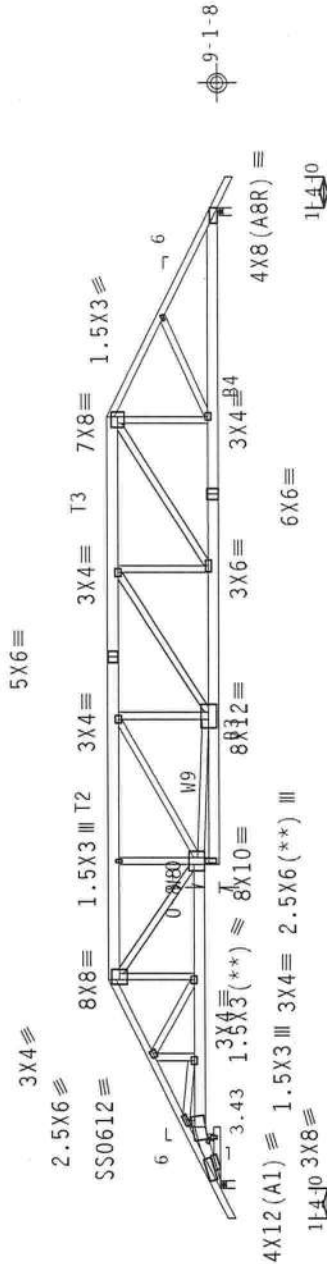
Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

#1 hip supports 9-0-0 jacks W/2 panel TC and no end vert.

Deflection meets L/240 live and L/180 total load.

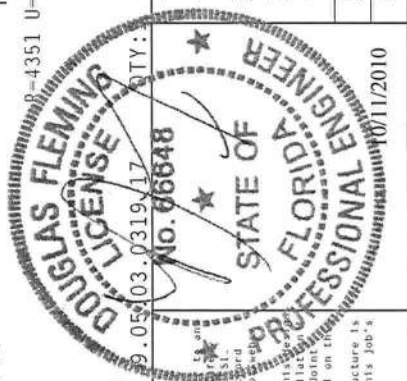


R-4358 U-399 W-4"

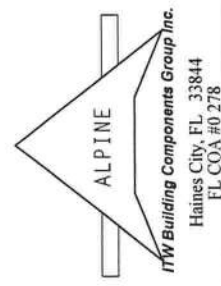
PLT TYP. 18 Gauge HS, Wave
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%/0 (0))

Scale = .125"/Ft.

TC LL	20.0 PSF	REF	R487 --	91865
TC DL	10.0 PSF	DATE	10/11/10	
BC DL	10.0 PSF	DRW	HCSR487	10284038
BC LL	0.0 PSF	HC-ENG	JB/DF	
TOT.LD.	40.0 PSF	SEQN-	153265	
DUR.FAC.	1.25			
SPACING	24.0"	JREF-	1U5Y487_Z01	



WARNING: READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for details and practices prior to performing these operations.
The trusses shall be installed in accordance with the manufacturer's instructions and shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
The Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer and NICA/ITWBCG. See also: NICA: www.nicaindustry.com; ITW: www.itwbcg.com; TPI: www.tpiinst.org; ICC: www.iccsafe.org



(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - H7B)

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 7-05, 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. lw=1.00 GCpl(+/-)=0.18

Wind reactions based on MMFRS pressures.

Roof overhang supports 2.00 psf soffit load.

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

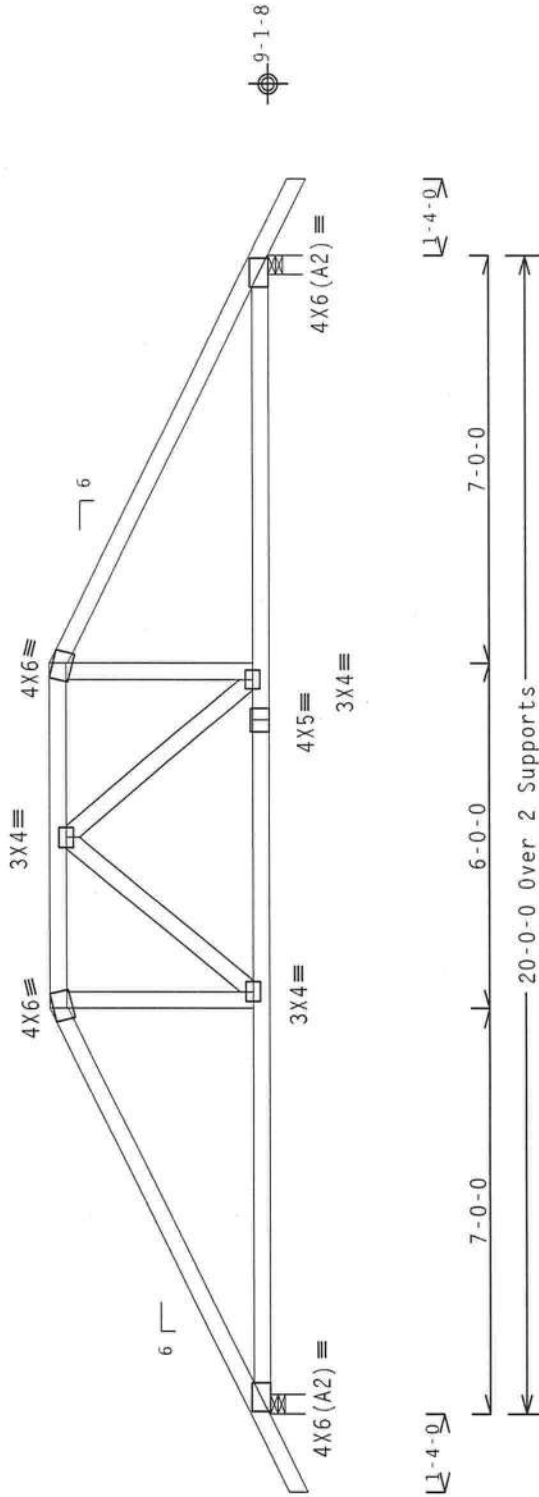
#1 hip supports 7-0-0 jacks with no webs.

Deflection meets L/240 live and L/180 total load.

Special loads

TC- From	Dur.Fac.=1.25 / Plate Dur.Fac.=1.25
TC- From	62 plf at -1.33 to 62 plf at 7.00
TC- From	31 plf at 7.00 to 31 plf at 13.00
TC- From	62 plf at 13.00 to 62 plf at 21.33
BC- From	4 plf at -1.33 to 4 plf at 0.00
BC- From	20 plf at 0.00 to 20 plf at 7.03
BC- From	10 plf at 7.03 to 10 plf at 12.97
BC- From	20 plf at 12.97 to 20 plf at 20.00
BC- From	4 plf at 20.00 to 4 plf at 21.33
TC- 432.83 lb Conc. Load at 7.03,12.97	
TC- 188.65 lb Conc. Load at 9.06,10.94	
BC- 510.16 lb Conc. Load at 7.03,12.97	
BC- 129.14 lb Conc. Load at 9.06,10.94	

Left side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.
End jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang. Right
side jacks have 7-0-0 setback with 0-0-0 cant and 1-4-0 overhang.



R-2050 U-292 W-4"

R-2050 U-292 W-4"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%) / 0 (0)

Scale =.3125"/Ft.

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

TC LL 20.0 PSF

TC DL 10.0 PSF

BC DL 10.0 PSF

BC LL 0.0 PSF

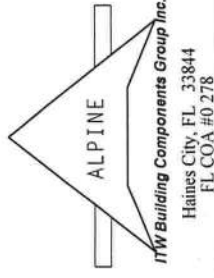
TOT.LD. 40.0 PSF

DUR.FAC. 1.25

SPACING 24.0"

JREF- 1U5Y487_Z01

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to a
follow the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for
practices prior to performing these functions. Installer shall provide temporary bracing and bottom chord
details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on
shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint. Webs
shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the
any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing
bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint
Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on
drawing or cover page listing this drawing. Indicates acceptance of professional engineering
responsibility solely for the design shown. The suitability and use of this design for any structure is
the responsibility of the Building Designer per ANSI/TPI 1 Sec.2. For more information see: This Job's
ICC: www.iccsafe.org



(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - H9B)

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

Roof overhang supports 2.00 psf soffit load.

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

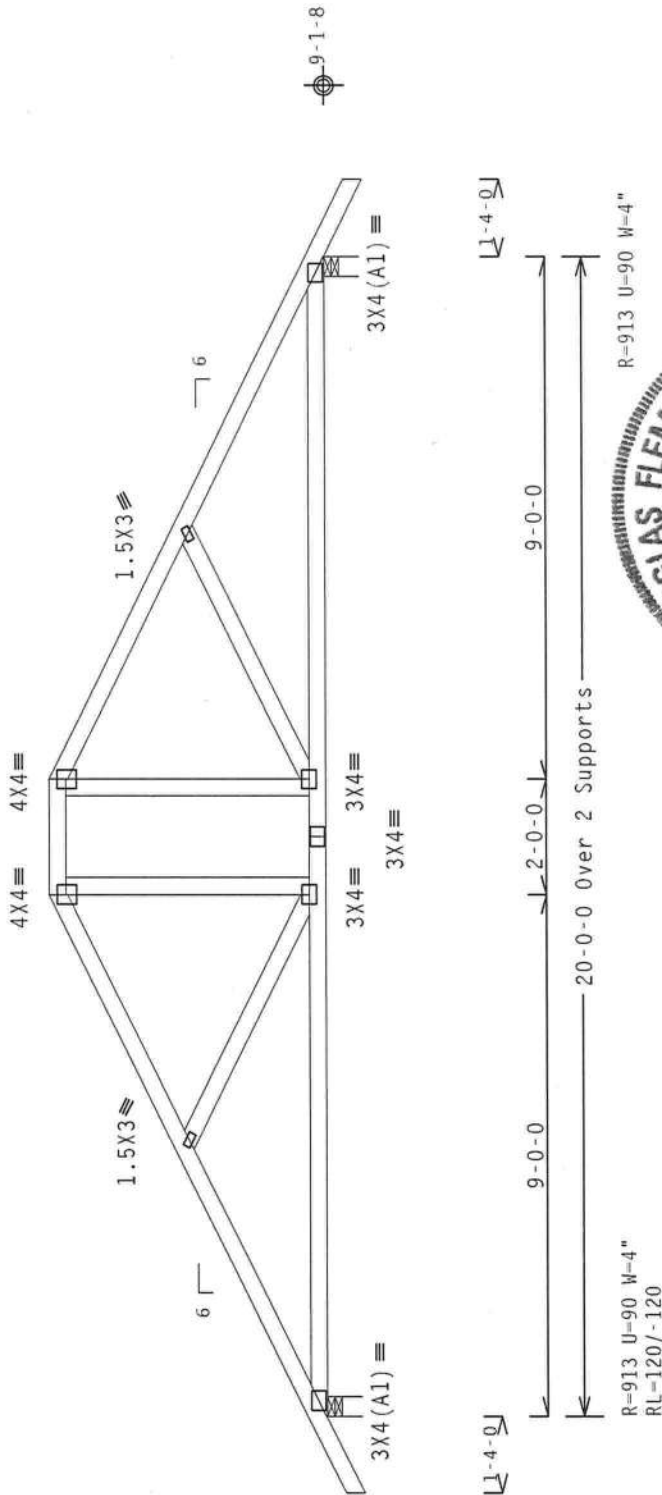
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Bottom chord checked for 10.00 psf non-concurrent live load.

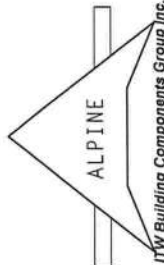
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

PLT TYP. Wave

Scale = .3125"/Ft.

 ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.										No. 66648	STATE OF FLORIDA PROFESSIONAL ENGINEER		
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for safety practices prior to performing these functions. Trusses shall be installed in accordance with the design shown. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.										★	TC LL	20.0 PSF	REF R487 - - 91867
	iTW Building Components Group Inc. (iTWBCG) shall not be responsible for any deviation from the design shown. Any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the user. iTW-BG: www.iTWBG.com; TPI: www.tpiinst.org; WICA: www.sbctndustry.com; ICC: www.iccsafe.org										★	TC DL	10.0 PSF	DATE 10/11/10
												BC DL	10.0 PSF	DRW HCUSR487 10284004
												BC LL	0.0 PSF	HC-ENG JB/DF *
												TOT.LD.	40.0 PSF	SEQN - 152722
												DUR.FAC.	1.25	
											SPACING	24.0"	JREF- 1U5Y487_Z01	

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - B)

	Top	30t	chord	2x4	SP	#2	Dense
			chord	2x4	SP	#2	Dense
			webs	2x4	SP	#3	

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCpf (+/-)=0.18

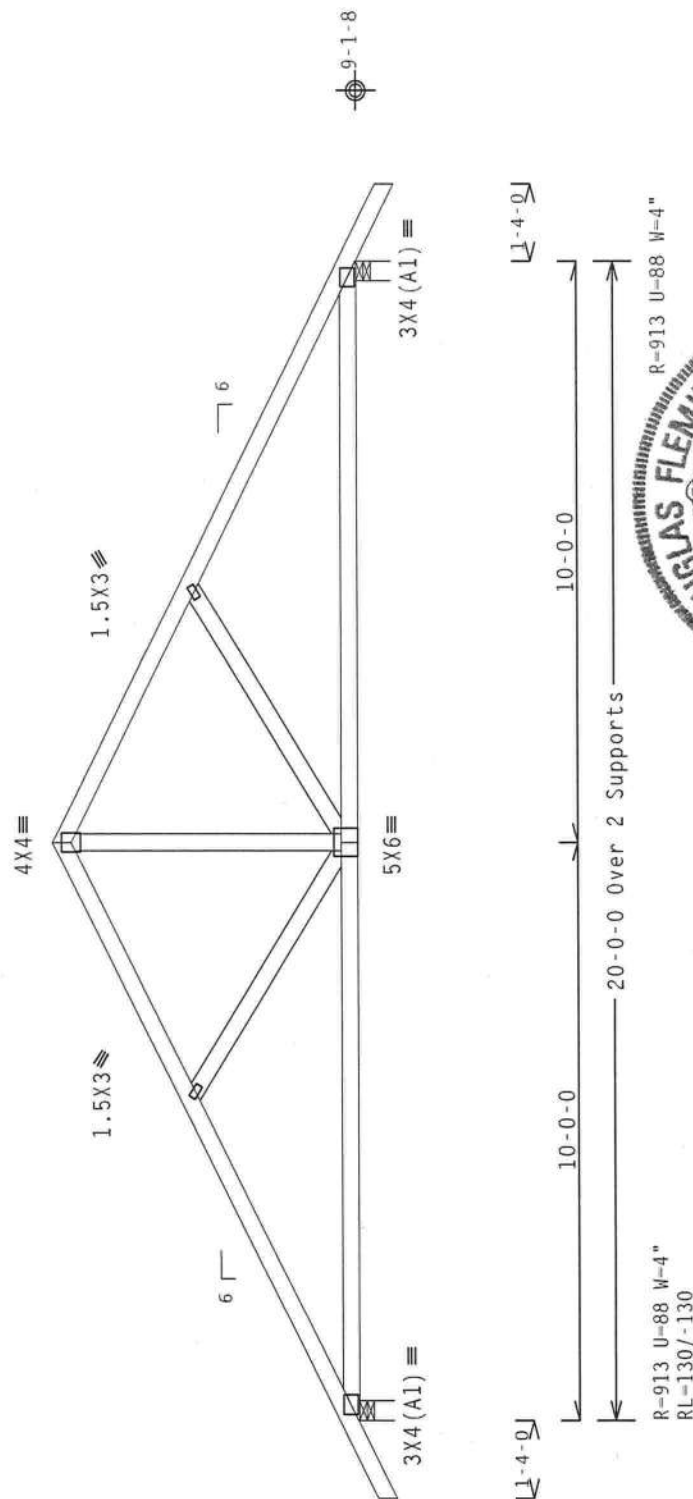
Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

WFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-913 U-88 W-4"
RL-130/-130

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .3125"/Ft.

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

9.05.03.0319/17

6CZ00/Res/IFI-200Z (311)
FT/RT=10%(0%)/0(0)

Design Crit:

PIT TYP Wave

ALPINE

ITW Building Components Group Inc.

Haines City, FL 33844

STATE OF FLORIDA

PROFESSIONAL ENGINEER

No. 66648

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for best practices prior to performing truss functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chords shall have proper bracing as shown for permanent lateral restraint. BCSI shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBG) shall not be responsible for any deviation from this design or for any failure to build or install as shown. ITWBG/ITW shall not be responsible for handling, shipping, installation, details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for my structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: This job's general notes page: ITW-BG: www.itwbg.com; IPI: www.ipiinst.org; WICA: www.abctindustry.com;

REF R487 -- 91868

DATE 10/11/10

DRW HCUSR487 10284005

HC-ENG JB/DF

SEQN- 152730

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"

JREF- 1U5Y487 Z01

10/11/2010

(10-205--Fill in later	BR
Top chord 2x4	SP #2 Dense
Bot chord 2x4	SP #2 Dense
Webbs 2x4	SP #3

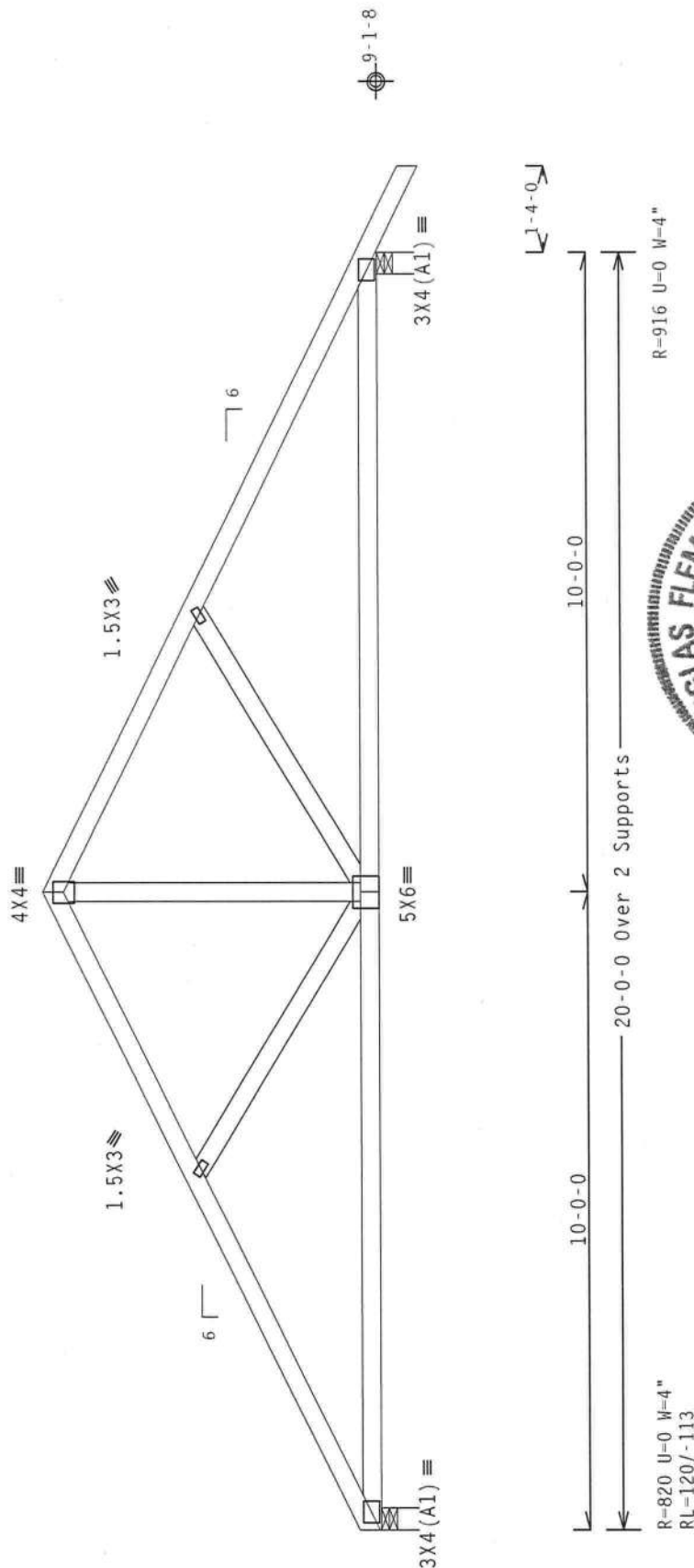
11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT 11, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. IW=1.00 6Cpi (+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

Bottom chord checked for 10.00 psf non-concurrent live load.

WIND LOADS based on trusses located at least 15.00 ft. from roof edge.

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)
$$\text{Scale} = .375"/\text{ft.}$$

FL1-141-1-1R1-

17/0TY3

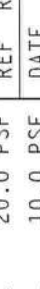
03 031

09

FC200/Kes/1F1-2002
ET/RT=10%(0%)/0(0)

Design Crit:

PI T TVD Mavo



ALPINE

ITW Building Components Group Inc.
Haines City, FL 33844
El COA #0 3788

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

****IMPORTANT**** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety Information, by IPI and NICA) for best practices prior to performing these functions. Installers shall provide temporary bracing and blocking as needed prior to permanent bracing. Trusses shall be installed in accordance with the load table and properly attached rigid ceiling. Locations shown for permanent lateral restraining webs shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawing 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The seal number is 160A-2. For more information see: This Job's general notes page; ITW-BCG: www.itwbcg.com; IPI: www.tpinet.org; NICA: www.abctindustry.com; ICC: www.iccsafe.org

No. 66848



10/11/2010

2 COMPLETE TRUSSES REQUIRED

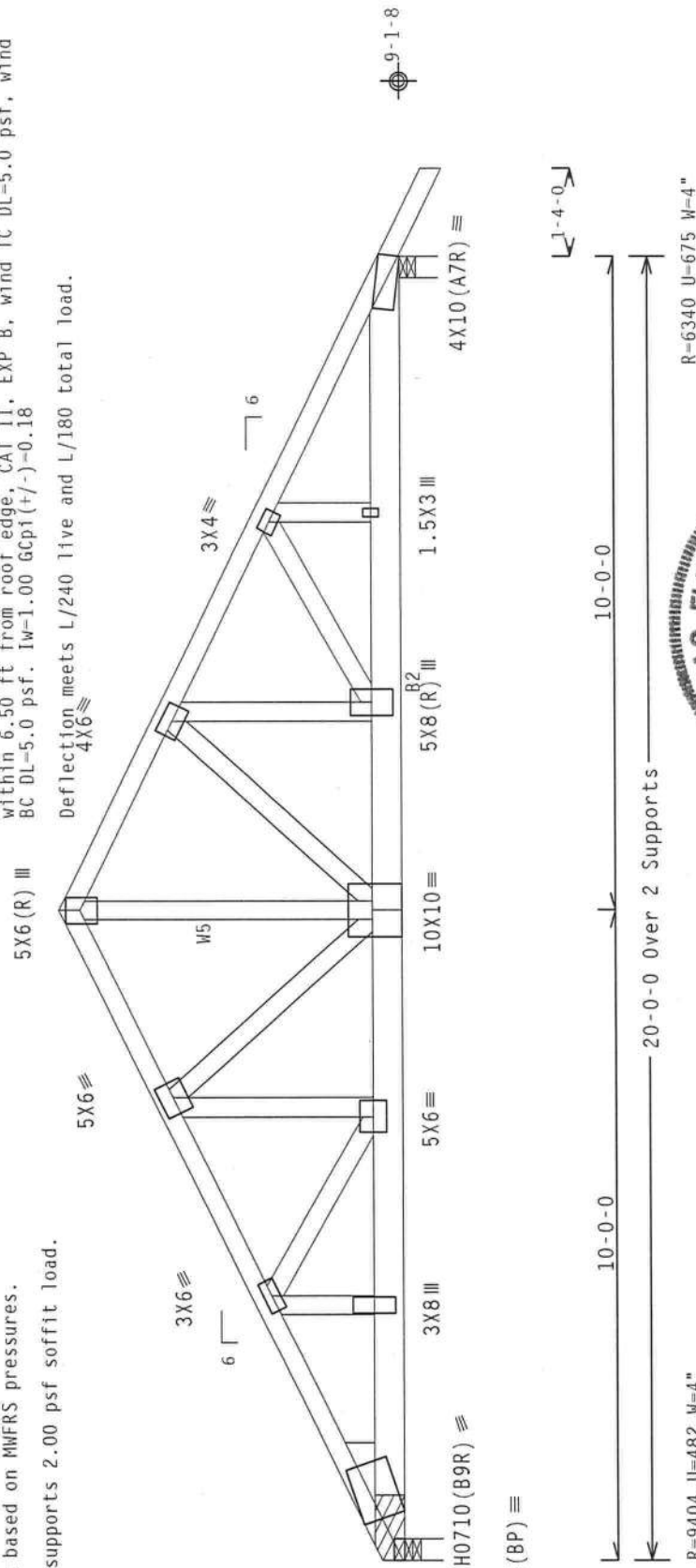
Bot ChnFD 2X6 SP SS :B2 2X6 SP #1 Dense:
Webs 2x4 SP #3 :W5 2X4 SP #2 Dense:
:Lt Wedge 2x6 SP #2:

Special loads

Species	Lumber	Dur. Fac.=1.25 / Plate Dur. Fac.=1.25)
TC	From	62 plf at 0.00 to 62 plf at 10.00
TC	From	62 plf at 10.00 to 62 plf at 21.33
BC	From	10 plf at 0.00 to 10 plf at 12.88
BC	From	20 plf at 12.88 to 20 plf at 20.00
BC	From	4 plf at 20.00 to 4 plf at 21.33
BC	1735, 56 lb Conc.	Load at 0.94, 2.94, 4.94, 6.94
	8.94, 10.94	
BC	3722, 67 lb Conc.	Load at 12.88

Wind reactions based on MWFRS pressures.

Roof overhang supports 2.00 psf soffit load.



PLT TYP. 20 Gauge HS.Wave

FL 1 - 141 - 1 - 1R1 - Scale = .375" / Ft.

ALPINE

nW Building Components Group Inc.
Haines City, FL 33844
Tel: 888-44-7278

****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL COMPANIONS INCLUDING INSTALLERS.

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for design practices prior to performing these functions. Installers shall provide temporary bracing per BCSI unless noted otherwise. Temporary bracing shall be provided in accordance with the design. Trusses shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.

nW Building Components Group Inc. (nWBCG) shall not be responsible for any deviation from this design or for building the truss in conformance with ANSI/IPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jointing Details, unless noted otherwise. Refer to drawings 1604-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer per ANSI/IPI 1, Sec. 4. This drawing and all other nWBCG general notes paper: nWBCG; www.nwbcg.com; ipn@nwbcg.com; WICA; www.bcsiindust.org; BCSI; www.bcsi.org.

No. 66648

STATE OF FLORIDA

PROFESSIONAL ENGINEER

10/11/2010

TC LL	20.0	PSF	REF	R487--	91870
TC DL	10.0	PSF	DATE	10/11/10	
BC DL	10.0	PSF	DRW	HCU8R487	10284052
BC LL	0.0	PSF	HC-ENG	JB/DF	
TOT.LD.	40.0	PSF	SEQN-	153197	
DUR.FAC.	1.25				
SPACING	24.0"		JREF-	1U5Y487_Z01	

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - H1C)

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. lw=1.00 GCpl(+/-)=0.18

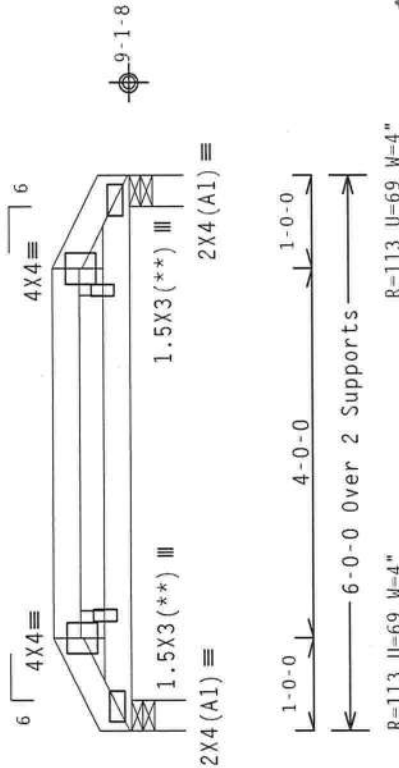
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 1.00
TC- From 31 plf at 1.00 to 31 plf at 5.00
TC- From 62 plf at 5.00 to 62 plf at 6.00
BC- From 10 plf at 0.00 to 10 plf at 6.00
TC- -32.96 lb Conc. Load at 1.04, 4.96
TC- -15.22 lb Conc. Load at 3.00
BC- -4.35 lb Conc. Load at 1.04, 4.96
BC- -7.04 lb Conc. Load at 3.00

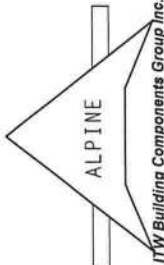
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .5"/Ft.

 ALPINE iW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	9.08.03.0319.17			QTY 1	FL/-/4/-/-/R/-	REF R487--	91871
	No. 66648				TC LL	20.0 PSF	DATE 10/11/10
	STATE OF FLORIDA				TC DL	10.0 PSF	DRW HCUSR487 10284040
	PROFESSIONAL ENGINEER				BC DL	10.0 PSF	HC-ENG JB/DF
					BC LL	0.0 PSF	SEQN- 152681
					TOT.LD.	40.0 PSF	DUR.FAC. 1.25
					SPACING 24.0"	JREF- 1U5Y487_Z01	

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of the Building Components Group Inc. (BCGI) Truss and Bracing Manual (TBM) for detailed instructions. Truss manufacturers shall provide temporary bracing per BCGI Manual. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections 83, 87 or B10, as applicable.
iW Building Components Group Inc. (iWBCGI) shall not be responsible for any deviation from this design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal of the professional engineer or cover page listing this drawing. Indicates acceptance of professional engineering structure. Responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page; iW-BG: www.iwbog.com; TPI: www.tpinet.org; MICA: www.sbctindustry.com; ICC: www.iccsafe.org

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - CG)

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 7-05, 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. lw=1.00 GCpi(+/-)=0.18

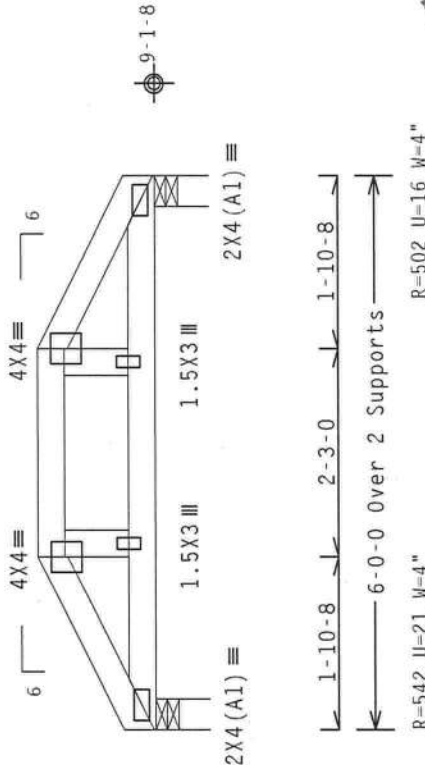
Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

Special loads

----- (Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 62 plf at 0.00 to 62 plf at 1.87
TC- From 62 plf at 1.87 to 62 plf at 4.13
TC- From 62 plf at 4.13 to 62 plf at 6.00
BC- From 10 plf at 0.00 to 10 plf at 3.73
BC- From 20 plf at 3.73 to 20 plf at 6.00
BC- 293.50 lb Conc. Load at 1.73, 3.73

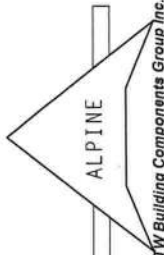
In lieu of structural panels use purlins to brace all flat TC @ 24"
OC.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

PLT TYP. Wave

Scale = .5" / Ft.

 ALPINE Hanes City, FL 33844 FL COA #0 278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety, Inc.) Manual, or other applicable standards. Unless otherwise noted, all materials and workmanship shall conform to the latest editions of the applicable standards. The manufacturer of the materials used shall have a properly attached rigid ceiling. Locations shown for permanent lateral bracing and bottom chord shall have bracing installed per BCSI sections 83, 87 or 810, as applicable. If the Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in accordance with ANSI/TPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering structure. Responsibility solely for the design shown. The user and the manufacturer shall be responsible for the general notes page: ITWBCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.nicaindustry.com; ICC: www.iccsafe.org			9.08 03.0319.17			Scale = .5" / Ft.					
	DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER			9.08 03.0319.17			REF R487-- 91872					
							DATE 10/11/10					
							DRW HCUR487 10284041					
							HC-ENG JB/DF					
							SEQN- 152686					
				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"						
							JREF- 1U5Y487_Z01					

(10-205--F111 in later. BRYAN ZECHER/JACKSON --, ** - FG4)

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

End verticals not exposed to wind pressure.

Girder supports 5-4-0 span to TC/BC split one face and 2-0-0 span to TC/BC split opposite face.

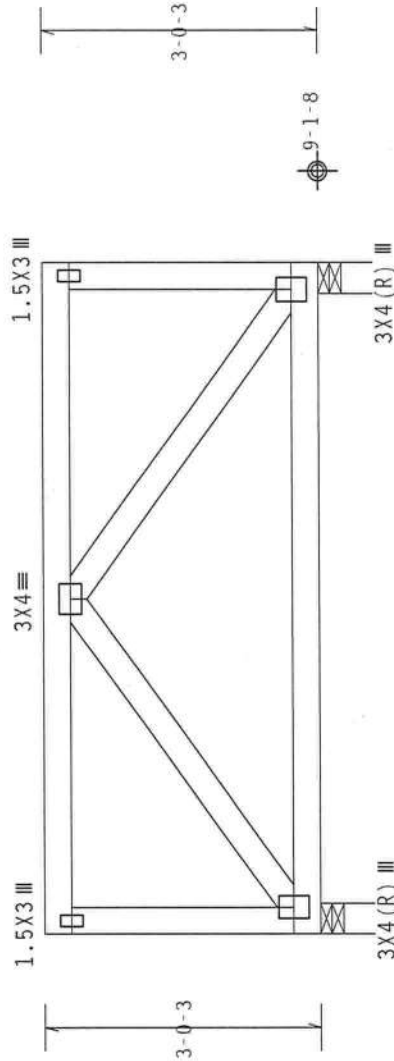
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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. $I_w=1.00$ $G_{Cp1}(+/-)=0.18$

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

Truss must be installed as shown with top chord up.

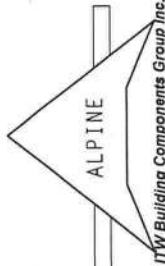


7-3-0 Over 2 Supports
R-547 U-49 W-4"
R-547 U-49 W-4"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%)/0 (0)

PLT TYP. Wave

Scale = .5" / Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	***WARNING*** READ AND FOLLOW ALL NOTES ON THIS SHEET. ***IMPORTANT*** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for details. Prior to performing these activities, the contractor shall obtain and read the BCSI manual. The contractor shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections 83, 87 or 810, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer. ITW-BCG: www.itwbcg.com; IPI: www.ipiinst.org; WICA: www.wicaindustry.com; ICC: www.iccsafe.org	TC LL	20.0 PSF	REF	R487--	91873
		TC DL	10.0 PSF	DATE	10/11/10	
		BC DL	10.0 PSF	DRW	HCUSR487	10284042
		BC LL	0.0 PSF	HC-ENG	JB/DF	
		TOT.LD.	40.0 PSF	SEQN	152750	
		DUR.FAC.	1.25			
	10/11/2010	SPACING	24.0"	JREF	1U5Y487_Z01	

(10-205--Fill) in later BRYAN ZECHER/JACKSON --, ** - FG1)

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

End verticals not exposed to wind pressure.

Girder supports 7'-0" span to TC/BC split one face and 2'-0" span to TC/BC split opposite face.

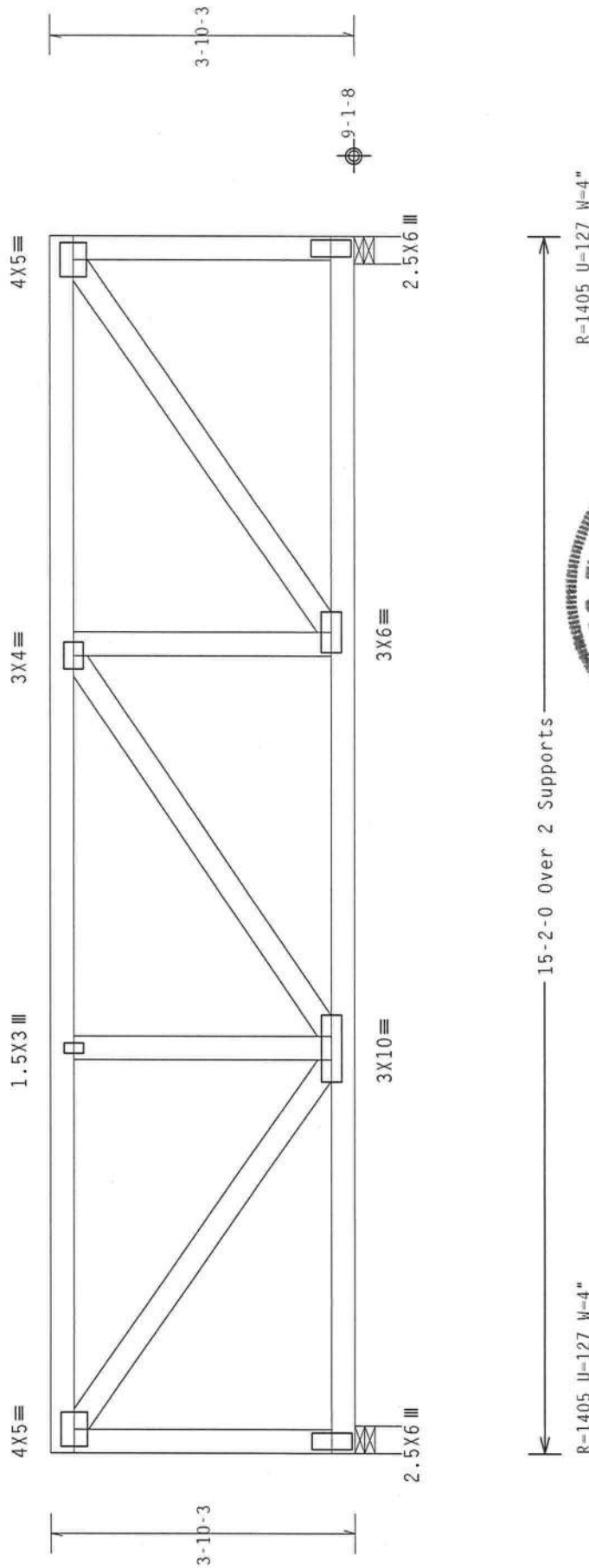
The TC of this truss shall be braced with attached spans at 24" OC in lieu of structural sheathing.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Deflection meets L/240 live and L/180 total load.

Truss must be installed as shown with top chord up.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .5" / Ft.

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

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 R487 -- 91874
DATE 10/11/10
DRW HCUSR487 10284043
HC-ENG JB/DF
SEQN- 152762
JREF- 1U5Y487_Z01

PLT TYP. Wave

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
****IMPORTANT**** FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and NICA) for details and instructions. The truss manufacturer shall be responsible for providing the truss with the proper bracing and bracing details. The truss manufacturer shall have bracing installed per BCSI sections 83, 87 or 810, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jointing Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per AIAA/ITWBCG. For more information see: This Job's ICCI: www.1ccafe.org
11th-8th: www.11th-8th.com; TPI: www.tpiinst.org; NICA: www.nicaindust.org



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

(10-205--Fill) in later BRYAN ZECHER/JACKSON --, ** - FG3)

Top chord 2x4 SP #2 Dense
Bot chord 2x6 SP #5
Webs 2x4 SP #3

Special loads

----- (Lumber
Dur. Fac. = 1.25 / Plate Dur. Fac. = 1.25)
TC- From 20 plf at 0.00 to 20 plf at 7.25
BC- From 40 plf at 0.00 to 40 plf at 7.25
BC- 1266.60 lb Conc. Load at 1.65, 3.65, 5.65

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

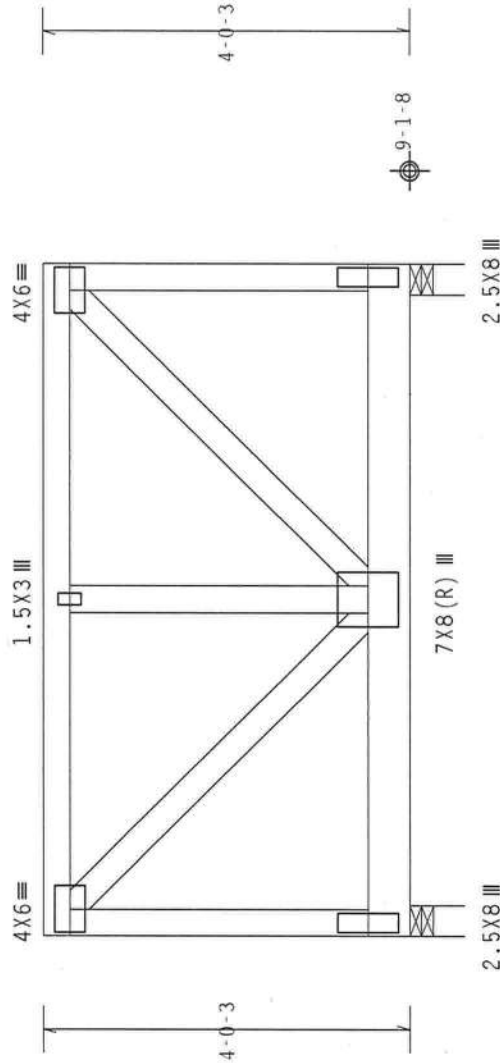
110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, not located within 4.50 ft from roof edge, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0 psf. $I_w=1.00$ GCp1 (+/-) = -0.18

End verticals not exposed to wind pressure.

Deflection meets L/240 live and L/180 total load.

Truss must be installed as shown with top chord up.

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



7'-3'-0" Over 2 Supports

R-2106 U-226 W-4"

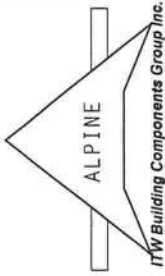
R-2128 U-229 W-4"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

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

Scale = .5" / Ft.

 ALPINE iTW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	***WARNING*** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL COMPANIES INCLUDING INSTALLERS. ***IMPORTANT*** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPT and WICA) for details on proper installation and bracing. Trusses shall be installed in accordance with the manufacturer's instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint webs shall have bracing installed per BCSI sections 83, 87 or 810, as applicable. iTW Building Components Group Inc. (iTWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jointing Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The applicability and use of this design for any structure is the responsibility of the user. This job is not to be used for any other purpose without the written consent of iTWBCG. This job is not to be used for any other purpose without the written consent of iTWBCG. This job is not to be used for any other purpose without the written consent of iTWBCG. ICC: www.iccsafe.org NICA: www.nicaindustrial.com TPI: www.tpinet.org	9.05803.0319/17 No. 66648 10/11/2010 DOUGLAS FLEMING LICENSE No. 66648 10/11/2010 STATE OF FLORIDA PROFESSIONAL ENGINEER	TC LL	20.0 PSF	REF	R487--	91875
			TC DL	10.0 PSF	DATE	10/11/10	
			BC DL	10.0 PSF	DRW	HCUSR487 10284044	
			BC LL	0.0 PSF	HC-ENG	JB/DF	
			TOT.LD.	40.0 PSF	SEQN-	152888	
			DUR.FAC.	1.25	JREF-	1U5Y487_Z01	
SPACING			24.0"				

(10-205--Fill in later BRYAN ZECHER/JACKSON -- ** - EJ9T)

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCp1(+/-)=0.18

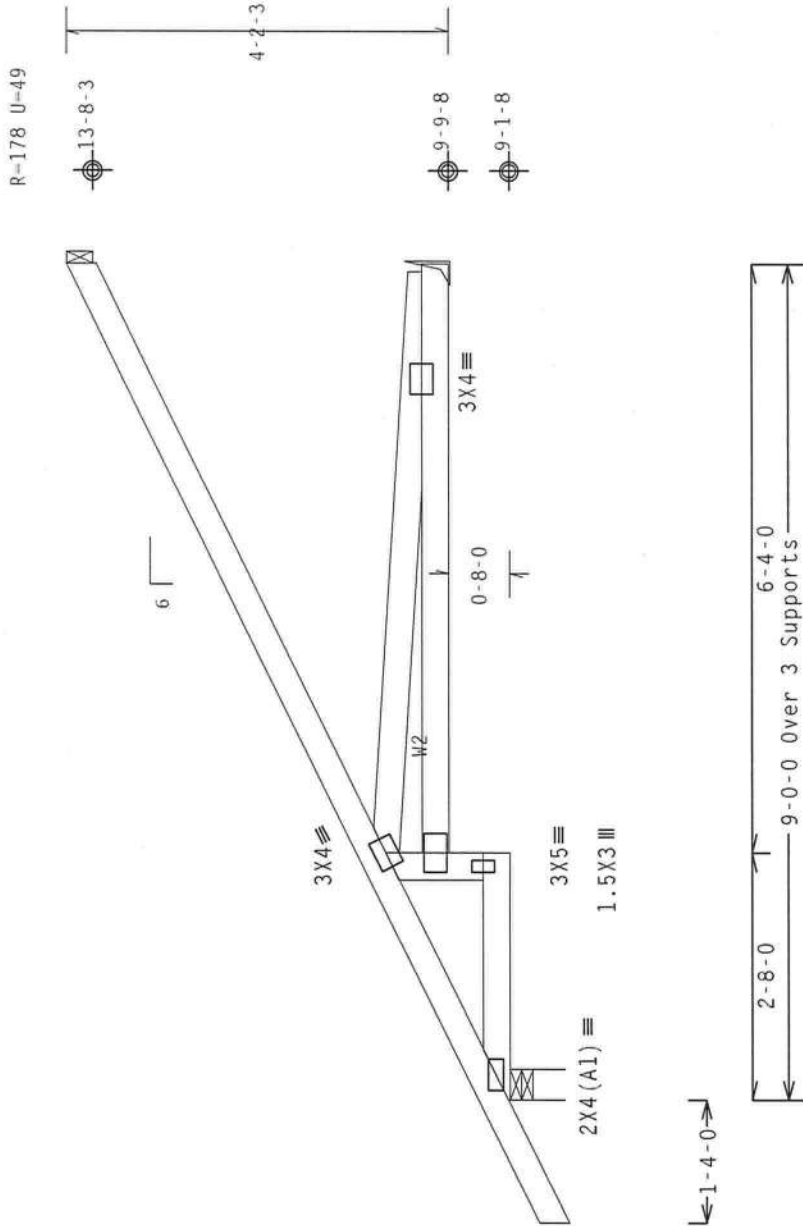
Roof overhang supports 2.00 psf soffit load.

Wind reactions based on MWFRS pressures.

Bottom chord checked for 10.00 psf non-concurrent live load.

Deflection meets L/240 live and L/180 total load.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.



R-472 U-23 W-4*
RL-119/-40

R-206 U-8

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0)/0(0)

Scale = 5"/Ft.

PLT TYP. Wave	ALPINE	DOUGLAS FLEMING LICENSE No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER	QTY 3	FL/-4/-1-/R/-	TC LL 20.0 PSF	REF R487-- 91878
			9.08		TC DL 10.0 PSF	DATE 10/11/10
			03.0319.17		BC DL 10.0 PSF	DRW HCUSR487 10284008
					BC LL 0.0 PSF	HC-ENG JB/DF *
					TOT.LD. 40.0 PSF	SEQN- 153213
					DUR.FAC. 1.25	
					SPACING 24.0"	JREF- 1U5Y487_Z01

ALPINE
Haines City, FL 33844
FL COA #0 278

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - C37T)

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

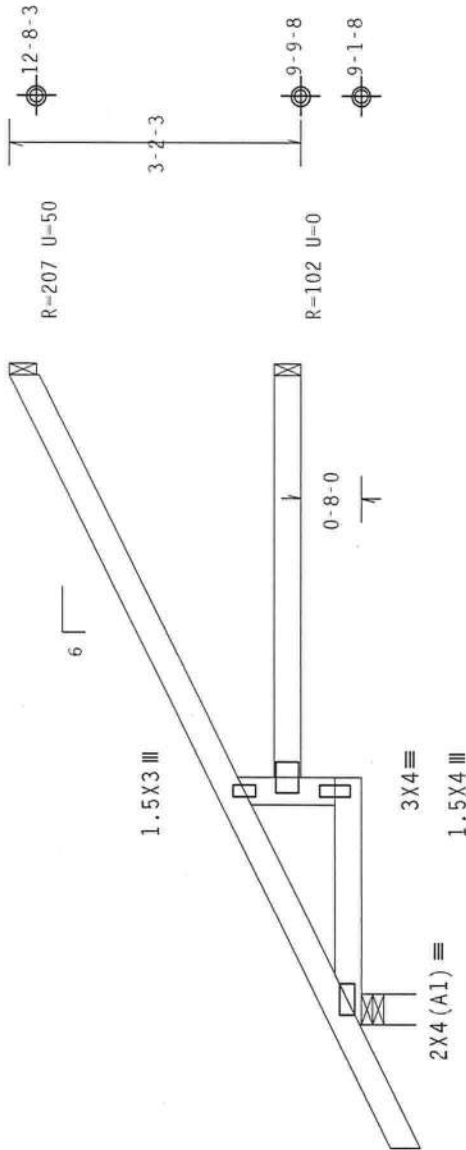
MMFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

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



1-4-0

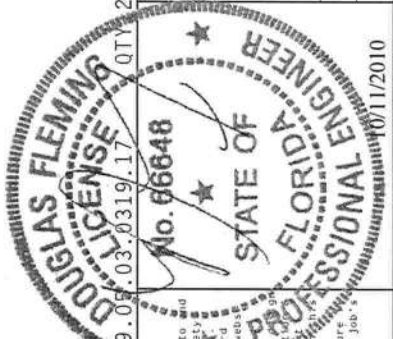
2-8-0 7-0-0 Over 3 Supports 4-4-0

R-394 U-22 W-4"
RL-96/-35

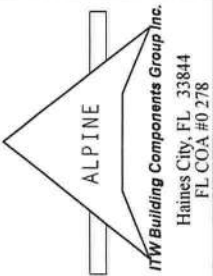
Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

TC LL	20.0 PSF	FL / - / 4 / - / - / R / -	Scale = 5" / Ft.
TC DL	10.0 PSF		REF R487 -- 91879
BC DL	10.0 PSF		DATE 10/11/10
BC LL	0.0 PSF		DRW HCUR487 10284009
TOT.LD.	40.0 PSF		HC-ENG JB/DF *
DUR.FAC.	1.25		SEQN- 152585
SPACING	24.0"		JREF- 1U5Y487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPARTMENTS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the manufacturer's instructions for all components. The installer shall provide temporary bracing per the manufacturer's instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCS sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (IIBC) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing. Indicates acceptance of professional engineering structure. The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: IIN-BCG: www.itwbcg.com; TPI: www.tpiinst.org; NICA: www.sectindustry.com; ICC: www.iccsafe.org



(10-205--Fill in later BRYAN ZECHER/JACKSON -- ** - CJ3T)

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

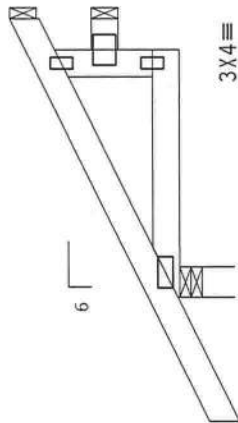
Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide { 2 } 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 Gcp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

1.5X3 III



10-8-3

9-9-8

9-1-8

1-2-3

0-8-0

1-4-0

3-0-0 2-8-0 Support 4-0

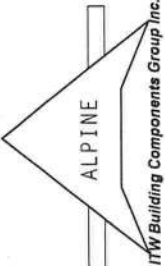
R-244 U-22 W-4"
RL-50/-25

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

FL/-4/-/-R/-

Scale = .5"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 10/11/2010		TC LL	20.0 PSF	REF	R487--	91881
			TC DL	10.0 PSF	DATE	10/11/10	
			BC DL	10.0 PSF	DRW	HCUSR487	10284011
			BC LL	0.0 PSF	HC-ENG	JB/DF	*
			TOT.LD.	40.0 PSF	SEQN-	152593	
		DUR.FAC.	1.25				
		SPACING	24.0"				
		JREF-	1U5Y487_Z01				

HARNING READ AND FILL IN ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following for the latest edition of BCSI Building Component Safety Information, B7 TPI and WCAI rules and practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have properly attached rigid ceiling. Locations shown for permanent lateral restraining webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. Details, unless noted otherwise, refer to drawings 1000-2 for standard plate positions.
Drawing 1000-2 page 15 of 15.
The responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: 11N-B05; www.11nbcg.com; TPI: www.tpinet.org; WCAI: www.wcainet.org; ICC: www.iccsafe.org

Top	chord	2x4	SP	#2	Dense
30t	chord	2x4	SP	#2	Dense

roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

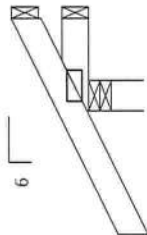
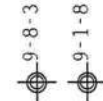
provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

11110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCpt(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

R=-41 RW=20 U=32


$$2 \times 4(A1) \equiv$$


0-10-3

R=7 RW=12 U=10

1-4-0-1
1-0-0 Over 3 Supports

R=222 U=40 W=4"
R1=26

PLT TYP. Wave

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%) / 0(0)

Scale = 5"/Ft.

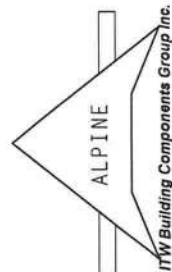
TC LL	20.0	PSF	REF R487-- 91882
TC DL	10.0	PSF	DATE 10/11/10
BC DL	10.0	PSF	DRW HCUSR487 10284030
BC LL	0.0	PSF	HC-ENG JB/DF
TOT.LD.	40.0	PSF	SEQN- 152596
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1U5Y487_Z01

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET!
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.

IMPORTANT

Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSP (Building Component Safety) information, by American Iron and Steel Institute, for specific information on truss erection and bracing for steel trusses. Trusses should have a properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint to web shall have bracing installed per BCSP sections B3, B7 or B10, as applicable.

THE BUILDING COMPONENTS GROUP, INC. (HUBCOG) shall not be responsible for any deviation from this design. The manufacturer shall be responsible for the design of the truss, in accordance with ANSI/IPI 1-1, for handling, shipping, installing and bracing of trusses. Apply plates to each face of truss and position as shown above and on the following details, unless noted otherwise. Refer to drawings IBOA-2 For standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1 Sec.2. For more information see: This Job's general notes page; IIB-BCG: www.hubcog.com; IPI: www.iipinst.org; NICA: www.nicaindust.com;



Haines City, FL 33844
FL COA #0 278

(10-205--Fill in later BRYAN ZECHER/JACKSON -- ** - HJ9T)

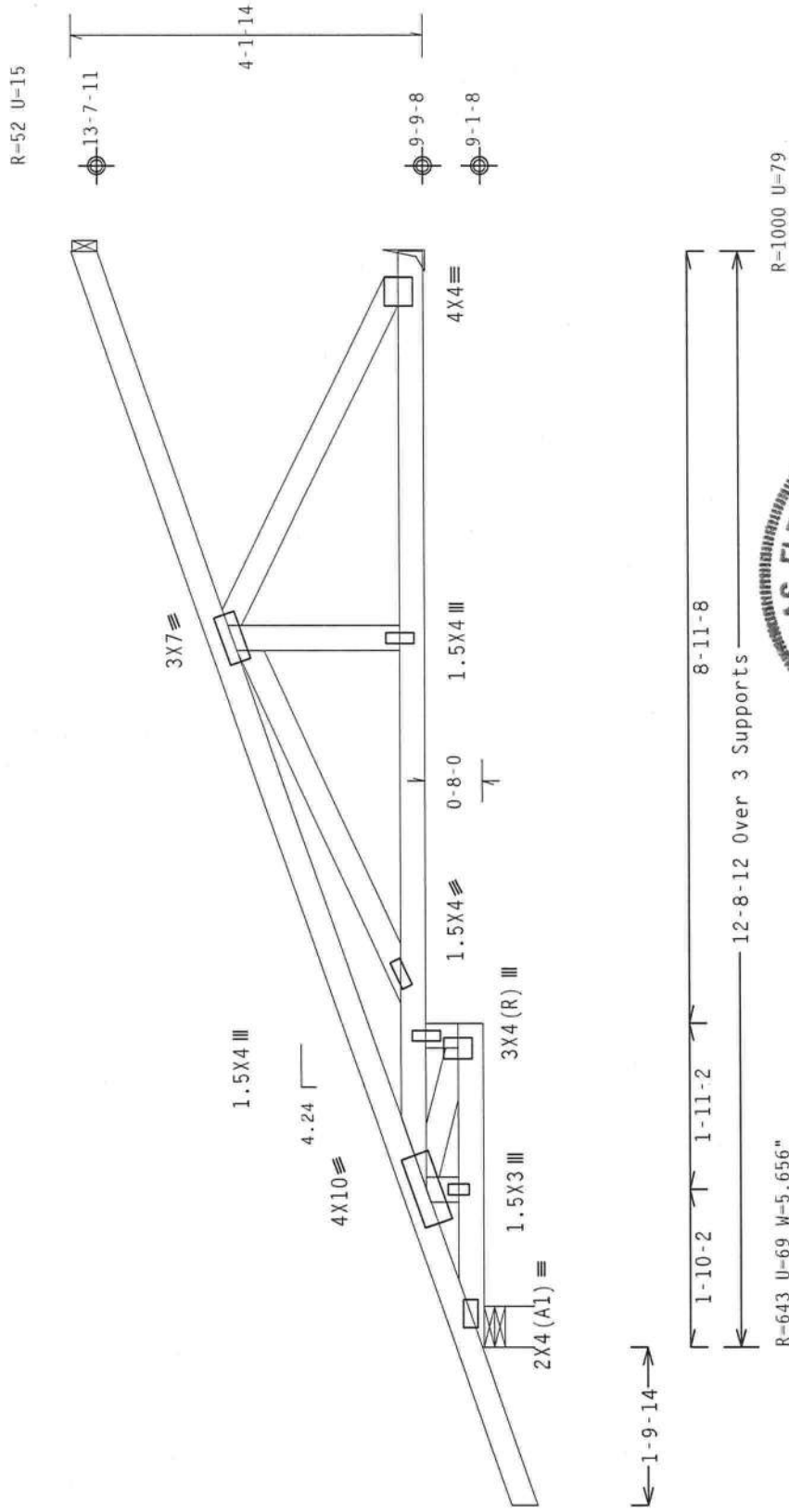
Top chord 2x4 SP #2 Dense
Bot chord 2x4 SP #2 Dense
Webs 2x4 SP #3

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located
anywhere in roof, CAT II, EXP B, wind TC DL=5.0 psf, wind BC DL=5.0
psf. $I_w=1.00$ Gcpl(+/-)=0.18

Hipjack supports 9-0-0 setback jacks. Jacks up to 7' have no webs.
Longer jacks supported to BC.

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .5" / Ft.

FL / - / 4 / - / - / R / -	TC LL	20.0 PSF	REF	R487 --	91883
	TC DL	10.0 PSF	DATE	10/11/10	
	BC DL	10.0 PSF	DRW	HCUSR487	10284046
	BC LL	0.0 PSF	HC-ENG	JB/DF	
	TOT.LD.	40.0 PSF	SEQN-	153204	
	DUR.FAC.	1.25			
	SPACING	24.0"	JREF-	1U5Y487_Z01	



****IMPORTANT**** READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the following notes for details. BCS Building Components, Inc. (BCS) is not responsible for any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. Details, unless noted otherwise. Refer to drawings 100-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicating the date of issue, and the name of the designer is the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This job's general notes page: 11W-BGS: www.11wbgs.com; TPI: www.tpinst.org; MICA: www.sbctindustry.com; ICC: www.iccsafe.org

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

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - CJ7)

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

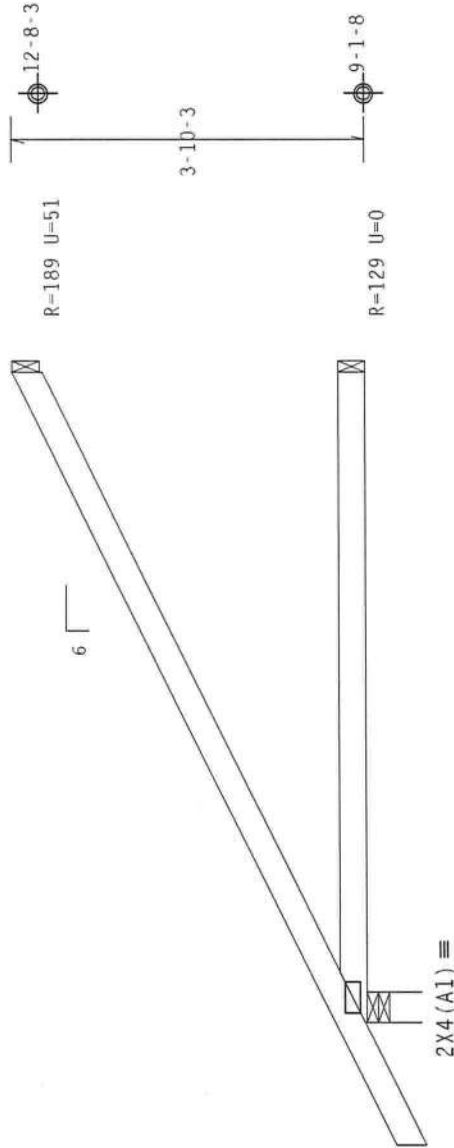
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Deflection meets L/240 live and L/180 total load.

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



1-4-0
7-0-0 Over 3 Supports

R=394 U=22 W=4
RL=96/-35

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

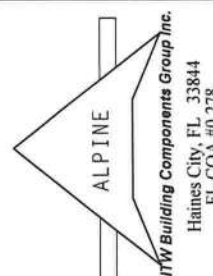
PLT TYP. Wave

Scale = .5" / Ft.

TC LL	20.0 PSF	REF	R487-- 91886
TC DL	10.0 PSF	DATE	10/11/10
BC DL	10.0 PSF	DRW	HCUSR487 10284032
BC LL	0.0 PSF	HC-ENG	JB/DF
TOT.LD.	40.0 PSF	SEQN-	152630
DUR.FAC.	1.25		
SPACING	24.0"	JREF-	1U5Y487_Z01



WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Components Suppliers Inc.) Trussing Manual for details. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections 83, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Job. Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure. Responsibility solely for the design and construction of the structure shall remain with the contractor. For more information see: This job's general notes page: ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sectmstr.org; ICC: www.iccsafe.org



(10-205--Fill) in later BRYAN ZECHER/JACKSON --, ** - HJ5)

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

The following trusses need concentrated loads at the end of their overhangs: 3-0-0 span/setback member on the 0-4-0 cant side requires 30 lbs and the 3-0-0 span/setback member on the 0-4-0 cant side requires 30 lbs.

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

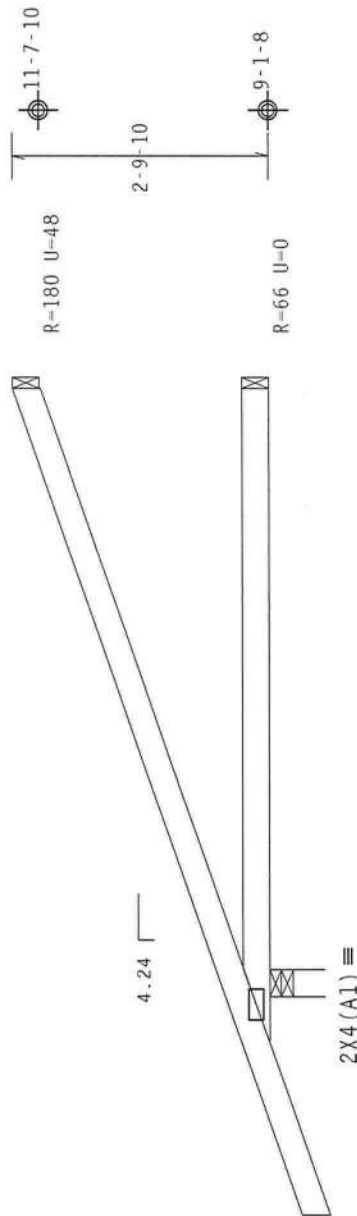
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

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

Deflection meets L/240 live and L/180 total load.



L-1-10-10-01.5-111

7-0-2 Over 3 Supports

R-290 U=89 W=3.536"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .5"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**IMPORTANT** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL COMPACTORS INCLUDING INSTALLERS.		No. 66848		REF R487 - - 91888
	Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the instructions on the drawings and the manufacturer's instructions for the proper use of the trusses. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have Bracing Installed per BCS sections B3, B7 or B10, as applicable.		★ STATE OF FLORIDA PROFESSIONAL ENGINEER		DATE 10/11/10
	ITW Building Components Group Inc. (IIBC) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the job. Details, unless noted otherwise. Refer to drawings 100B-2 for standard plate positions. A seal of drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The use of this seal is the responsibility of the user. For general notes page: IIN-B00: www.tubecg.com; TPI: www.tpinet.org; NICA: www.sbctindustry.com; ICC: www.iccsafe.org		★		DRW HCUSR487 10284048
			DOUGLAS FLEMING LICENSE		HC-ENG JB/DF
			No. 66848		SEQN- 152643
			DOUGLAS FLEMING LICENSE		TOT.LD. 40.0 PSF
			DOUGLAS FLEMING LICENSE		DUR.FAC. 1.25
			DOUGLAS FLEMING LICENSE		SPACING 24.0"

(10-205--Fill) in later BRYAN ZECHER/JACKSON --, ** - M)

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

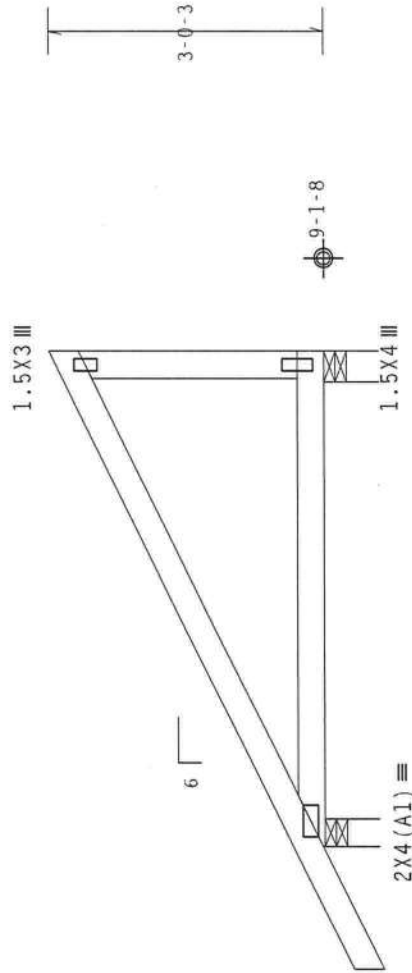
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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, lw=1.00 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Right end vertical not exposed to wind pressure.

MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

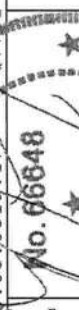


5'-4-0 Over 2 Supports
R-329 U=22 W=3.5"
RL=77/-31
R-199 U=32 W=4"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

Scale = .5" / Ft.

 ALPINE nW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	**IMPORTANT** FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the instructions on the drawings for proper installation and bracing. Do not alter the design or materials without the approval of the designer. The designer is not responsible for the safety of the structure if the instructions are not followed. The designer is not responsible for the safety of the structure if the instructions are not followed. The designer is not responsible for the safety of the structure if the instructions are not followed.				TC LL	20.0 PSF	REF	R487 -- 91890
	Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.				TC DL	10.0 PSF	DATE	10/11/10
	IWI Building Components Group Inc. (IWI/BCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/IPI 1, or for handling, shipping, installing, or bracing of trusses. Apply plates to each face of truss and position as shown above and on the job site details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal above drawing or cover page listing this drawing, indicates acceptance of professional engineering. The responsibility solely for the design shown, the suitability and use of this design for any structure is the responsibility of the Building Designer per ANSI/IPI 1, Section 4.0. This job is not a general notes paper. IWI-BCG: www.iwi-bcg.com ; IPI: www.ipi-nat.org ; IBCA: www.ibcaindustry.com ; REC: www.recusa.com				BC DL	10.0 PSF	DRW	HCUSR487 10284013
					BC LL	0.0 PSF	HC-ENG	JB/DF
					TOT.LD.	40.0 PSF	SEQN-	152649
					DUR.FAC.	1.25		
				SPACING	24.0"	JREF-	1U5Y487_Z01	



(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - EJ54)

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

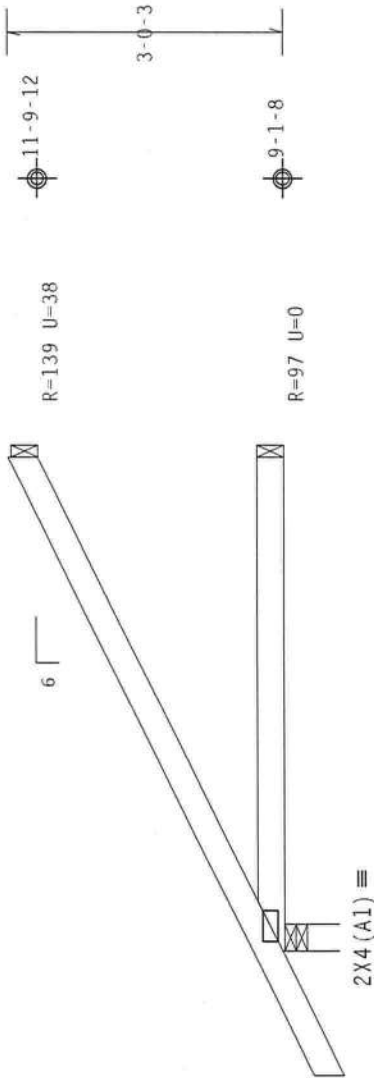
MWFRS loads based on trusses located at least 7.50 ft. from roof edge.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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.

Deflection meets L/240 live and L/180 total load.

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

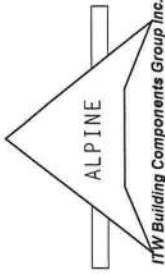


← 1-4-0 →
← 5-4-0 Over 3 Supports →
R=329 U=22 W=3.5"
RL=77/-31

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

FL/- /4/- /- /R/-
Scale = .5" /Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	**WARNING** READ AND FOLLOW ALL NOTES ON THIS SHEET. FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI (Building Component Safety Institute) information, and follow the instructions for proper installation and bracing. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint shall have bracing installed per BCSI sections 83, 87 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the joint. Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The use of this design and use of this structure is the responsibility of the user. ITWBCG is not responsible for the use of this design and use of this structure. General notes page: ITN-B05: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sbcindustrial.com; ICC: www.iccsafe.org			
	TC LL	20.0 PSF	REF	R487 -- 91891
	TC DL	10.0 PSF	DATE	10/11/10
	BC DL	10.0 PSF	DRW	HCUSR487 10284033
	BC LL	0.0 PSF	HC-ENG	JB/DF
	TOT.LD.	40.0 PSF	SEQN	152656
	DUR.FAC.	1.25	JREF- 1U5Y487_Z01	
	SPACING	24.0"		

(10-205--Fill in later BRYAN ZECHER/JACKSON -- ** - HJ7)

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

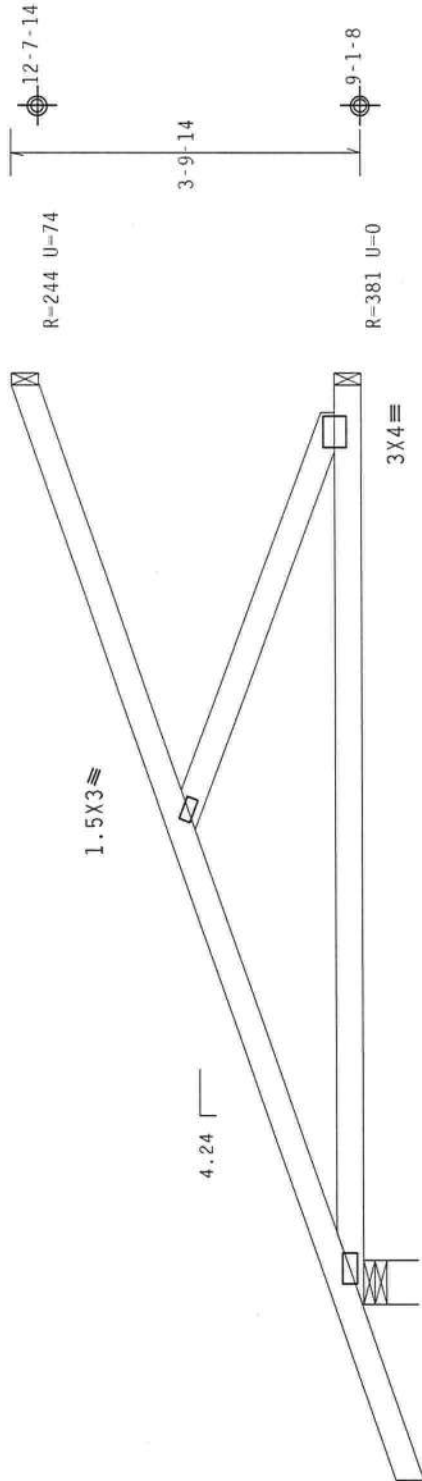
Hipjack supports 7-0-0 setback jacks with no webs.

Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCP1 (+/-)=0.18

Wind reactions based on MWFRS pressures.

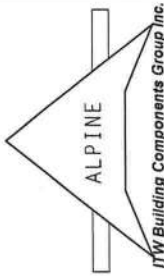
Provide (2) 16d common nails(0.162"x3.5"), toe nailed at Top chord.
Provide (3) 16d common nails(0.162"x3.5"), toe nailed at Bot chord.



1-10-10
9-10-13 Over 3 Supports
R-439 U=51 W=5.657"



Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave	Scale = 5" / Ft.	
	FL / - / 4 / - / - / R / -	REF R487 -- 91892
 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0 278	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"
JREF		1U5Y487_Z01

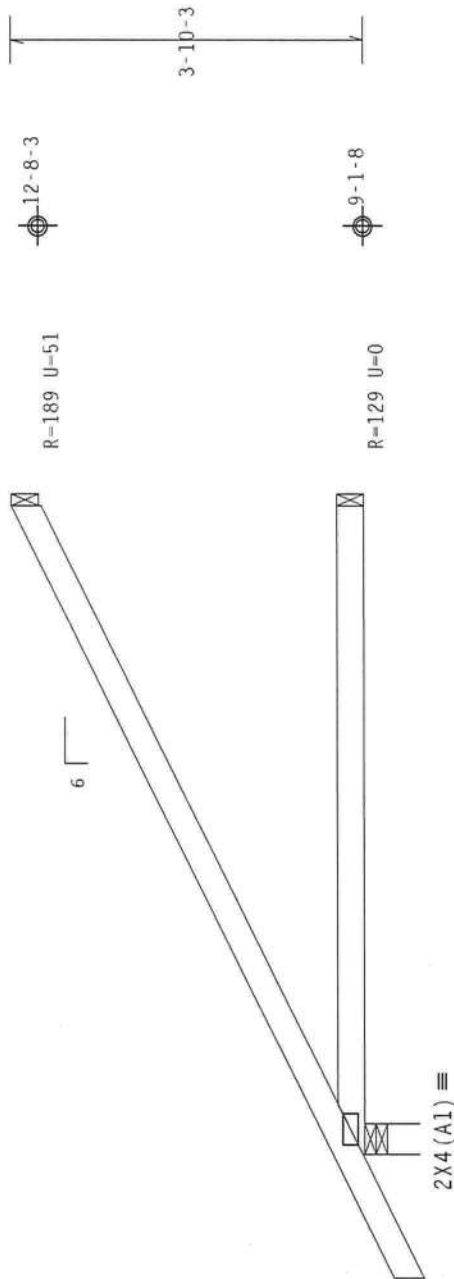
WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to the latest edition of BCSI Building Components Group Inc. (ITWBCG) for complete instructions. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 100A-2 for standard plate positions. A seal on the drawing or cover page listing this drawing, indicates acceptance of professional engineering structure is the responsibility solely for design and construction of the building structure. For more information see: This job's general notes page; ITW-BCG: www.itwbcg.com; TPI: www.tpinet.org; NICA: www.sectmstr.org; ICC: www.iccsafe.org

1110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCpt (+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

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



1-4-0

←———— 7-0-0 Over 3 Supports

R=394 U=22 W=4"
RL=96/-35

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

Scale = .5"/Ft.

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

REF R487-- 91893

DATE 10/11/10

DRW HCUSR487 10284034

HC-ENG JB/DF

SEON- 152753

1000

10/11/2010

responsibility along with the responsibility of the Building Designer per ANSI/TPI 1 Sec. 2. For more information see: This Job's general notes page: ITH-BCG: www.ithbcg.com; TPI: www.tpinet.org; IBCA: www.ibcindustry.com; ICC: www.iccsafe.org

Haines City, FL 33844
FL COA #0 278

(10-205--Fill in later BRYAN ZECHER/JACKSON --. ** - E01)

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

Roof overhang supports 2.00 psf soffit load.

Bottom chord checked for 10.00 psf non-concurrent live load.

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

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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 GCp1(+/-)=0.18

Wind reactions based on MWFRS pressures.

Deflection meets L/240 live and L/180 total load.

R=-41 Rw=20 U=32

6

9-8-3

9-1-8

2X4 (A1) ≡

1-4-0

1-0-0

over 3 supports

R=222 U=40 W=4"

RL=26

0-10-3

R=7 Rw=12 U=10

PLT TYP. Wave

ALPINE

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

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10% (0%) / 0 (0)

Scale = .5" / Ft.

TC LL	20.0 PSF	FL / - / 4 / - / - / R / -	REF R487 -- 91894
TC DL	10.0 PSF		DATE 10/11/10
BC DL	10.0 PSF		DRW HCUSR487 10284035
BC LL	0.0 PSF		HC-ENG JB/DF
TOT.LD.	40.0 PSF		SEQN- 152667
DUR.FAC.	1.25		
SPACING	24.0"		JREF- 1U5Y487_Z01

(10-205--Fill in later BRYAN ZECHER/JACKSON --, ** - HJ1)

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

Hipjack supports 1-0-0 setback jacks with no webs.

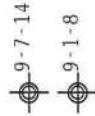
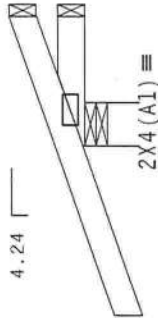
Deflection meets L/240 live and L/180 total load.

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, CLOSED bldg, Located
anywhere in roof, CAT 11, EXP B, wind TC DL-5.0 psf, wind BC DL-5.0
psf. $I_w=1.00$ GCp1 (+/-)=0.18

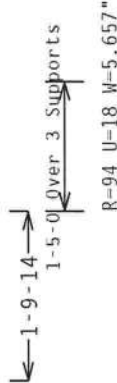
Wind reactions based on MWFRS pressures.

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

R=-18 Rw=3 U=0



R=-11 Rw=3 U=0



R-94 U-18 W-5.657"

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

ALPINE

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

DOUGLAS FLEMING
LICENSE
No. 66848
STATE OF FLORIDA
PROFESSIONAL ENGINEER
11/2010

Scale = .5" / Ft.	REF R487-- 91895
TC LL 20.0 PSF	DATE 10/11/10
TC DL 10.0 PSF	DRW HCUR487 10284051
BC DL 10.0 PSF	HC-ENG JB/DF
BC LL 0.0 PSF	SEQN- 152670
TOT.LD. 40.0 PSF	DUR.FAC. 1.25
SPACING 24.0"	JREF- 1U5Y487_Z01

WARNING READ AND FOLLOW ALL NOTES ON THIS SHEET.
FURNISH THIS DESIGN TO ALL COMPARTMENTS INCLUDING INSTALLERS.
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for safety practices prior to performing these operations. Installers and shippers shall be responsible for ensuring that all trusses are properly braced and supported. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable.
ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from the design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Jacking Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal or drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this design for any structure is the responsibility of the building designer. This drawing is the property of ITWBCG and shall not be reproduced without the written consent of ITWBCG. ITWBCG: www.itwbcg.com; TPI: www.tpinet.org; WICA: www.sectraindustry.com; ICCI: www.icc-safe.org

(10-205--Fill in later BRYAN ZECHER/JACKSON -- ** - EJS)

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

Bottom chord checked for 10.00 psf non-concurrent live load.

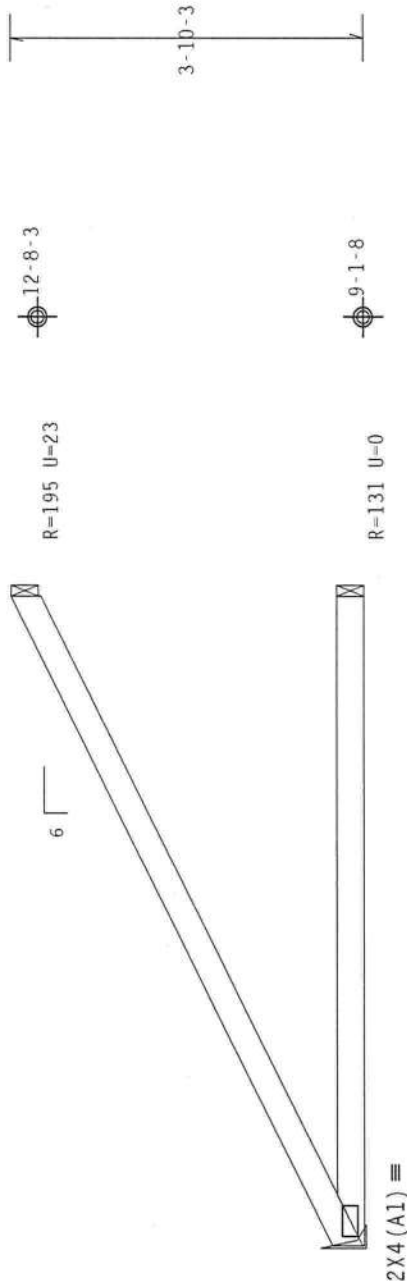
Deflection meets L/240 live and L/180 total load.

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

110 mph wind, 15.00 ft mean hgt, ASCE 7-05, 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

Wind reactions based on MWFRS pressures.

MWFRS loads based on trusses located at least 30.00 ft. from roof edge.



7'-0'-0" Over 3 Supports

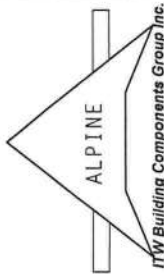
R-294 U=0
RL=54

Design Crit: FBC2007Res/TPI-2002 (STD)
FT/RT=10%(0%)/0(0)

PLT TYP. Wave

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

Scale =.5"/Ft.

 ALPINE ITW Building Components Group Inc. Haines City, FL 33844 FL COA #0278	***WARNING*** READ AND FOLLOW ALL NOTES ON THIS SHEET! FURNISH THIS DESIGN TO ALL CONTRACTORS INCLUDING INSTALLERS. ***IMPORTANT*** Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by IPI and WICA) for details on proper handling, shipping, installing and bracing. Trusses shall be installed in accordance with the manufacturer's instructions. Trusses shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint web bracing installed per BCSI sections B3, B7 or B10, as applicable. ITW Building Components Group Inc. (ITWBCG) shall not be responsible for any deviation from this design or any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installing or bracing of trusses. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-2 for standard plate positions. A seal on drawing or cover page listing this drawing. Indicates acceptance of professional engineering responsibility solely for the design shown. The seal is the seal of the Professional Engineer. This is a general notes page. ITH-BCG: www.ithbcg.com; TPI: www.tpinet.org; NICA: www.sectraindustry.com; ICC: www.iccsafe.org	9.05/03.0319/17 QTY: 2	No. 66648 STATE OF FLORIDA PROFESSIONAL ENGINEER 10/11/2010	TC LL	20.0 PSF	REF	R487--	91896				
				TC DL	10.0 PSF	DATE	10/11/10					
				BC DL	10.0 PSF	DRW	HCUR487	10284036				
				BC LL	0.0 PSF	HC-ENG	JB/DF					
				TOT.LD.	40.0 PSF	SEQN-	152673					
								DUR.FAC.	1.25			
								SPACING	24.0"	JREF-	1U5Y487_Z01	