DATE 03/11/2015

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000032764

APPLICANT ROBIN NICHOLS PHONE 752-8653

ADDRESS 465 NW ORANGE STREET LAKE CITY FL 32055

OWNER BRIAN & AIMEE DICKS PHONE 365-8881

ADDRESS 432 SW PACES GLEN LAKE CITY FL 32024

CONTRACTOR BRYAN ZECHER PHONE 752-8653

LOCATION OF PROPERTY 90 W, L BIRLEY AVE, L PACES GLEN, 5TH LOT ON RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 240150.00

HEATED FLOOR AREA 4803.00 TOTAL AREA 3481.00 HEIGHT 25.00 STORIES 2

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 9/12 FLOOR SLAB

LAND USE & ZONING AG-3 MAX. HEIGHT 35

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

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

PARCEL ID 32-3S-16-02431-205 SUBDIVISION WEST PACES

LOT 5 BLOCK PHASE UNIT TOTAL ACRES 5.11

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC1257343	X

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
PRIVATE	15-119-N	BK	TC	N

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD

Check # or Cash 001126

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by Foundation _____ date/app. by Monolithic _____ date/app. by

Under slab rough-in plumbing _____ date/app. by Slab _____ date/app. by Sheathing/Nailing _____ date/app. by

Framing _____ date/app. by Insulation _____ date/app. by

Rough-in plumbing above slab and below wood floor _____ date/app. by Electrical rough-in _____ date/app. by

Heat & Air Duct _____ date/app. by Peri. beam (Lintel) _____ date/app. by Pool _____ date/app. by

Permanent power _____ date/app. by C.O. Final _____ date/app. by Culvert _____ date/app. by

Pump pole _____ date/app. by Utility Pole _____ date/app. by M/H tie downs, blocking, electricity and plumbing _____ date/app. by

Reconnection _____ date/app. by RV _____ date/app. by Re-roof _____ date/app. by

BUILDING PERMIT FEE $ 1205.00 CERTIFICATION FEE $ 17.41 SURCHARGE FEE $ 17.41

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 1314.82

INSPECTORS OFFICE _____ CLERKS OFFICE _____

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

"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.

☑ MOORMAN - LIAB

☑ MASSIE - EL CMO
☑ BULLARD - LIAB

Columbia County Building Permit Application

For Office Use Only Application # 1502-57 Date Received 2/26 By KW Permit # 32764

Zoning Official BLK Date 3 MARCH 2015 Flood Zone X Land Use A-3 Zoning A-3

FEMA Map # N/A Elevation N/A MFE 1' Above Rd River N/A Plans Examiner T.C. Date 3-2-15

Comments Private Road

□ NOC ☑ EH ☑ Deed or PA ☑ Site Plan □ State Road Info ☑ Well letter ☑ 911 Sheet □ Parent Parcel # ______

□ Dev Permit # ______ □ In Floodway □ Letter of Auth. from Contractor □ F W Comp. letter

IMPACT FEES: EMS ______ Fire ______ Corr ______ ☑ Sub VF Form

Road/Code ______ School ______ = TOTAL (Suspended) □ Ellisville Water ☑ App Fee Paid

Septic Permit No. 15-119-N Fax (386) 758-8920

Name Authorized Person Signing Permit ROBIN W. NICHOLS; Manager Phone (386) 752-8653

Address BRYAN ZECHER CONSTRUCTION / 465 NW ORANGE STREET / LAKE CITY, FL 32055

Owners Name BRIAN & AIMEE DICKS Phone (386) 365-8881/8882

911 Address 432 SW PACES GLN LAKE CITY, FL 32024

Contractors Name BRYAN C. ZECHER Phone (386) 752-8653

Address P.O. BOX 815, LAKE CITY FL 32056-0815

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address AR Homes / Apex Engineering

Mortgage Lenders Name & Address 1st Fed Bank US 90 W Lake City, FL

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

Property ID Number 32-3S-16-02431-205 Estimated Cost of Construction $342,800.00

Subdivision Name WEST PACES Lot 5 Block ____ Unit ____ Phase ____

Driving Directions FROM HWY 90 / MAIN STREET GO 8 MILES WEST ON HWY 90. TURN LEFT ON SW BIRLEY AVE. GO 1.0 MILE TO SW. PACES GLN. JOB SITE 0.3 MILES ON LEFT.

Number of Existing Dwellings on Property 0

Construction of NEW HOME Total Acreage 5.110 Lot Size 5.1

Do you need a ~~Culvert Permit~~ or Culvert Waiver or (Have an Existing Drive) PRIVATE Total Building Height 25'

Actual Distance of Structure from Property Lines - Front 175' Side 120' Side 120' Rear 425'

Number of Stories 2 Heated Floor Area 3481 Total Floor Area 4803 Roof Pitch 9/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction. CODE: Florida Building Code 2010 and the 2008 National Electrical Code.

TW spoke w/ & showed Robin What Subs NEED 2.26.15
TW SENT Robin Email 3.3.15 – TW spoke w/ Robin 3.6.15.

ck 001136
$1214.82

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 COMMENCMENT 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. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

(Owners Must Sign All Applications Before Permit Issuance.)

X B. G. D

Owners Signature ****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.

X

Contractor's Signature (Permitee)

Contractor's License Number CBC 1257343
Columbia County
Competency Card Number 853

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 23rd **day of** February **20**15.

Personally known ✓ **or Produced Identification** _____

Louis W. Nichols

State of Florida Notary Signature (For the Contractor)

ROBIN L. NICHOLS MY COMMISSION EXPIRES January 2, 2017 NOTARY PUBLIC, STATE OF FLORIDA SEAL #EE 862097 Notary Public Underwriters Bonded thru

Prepared by:
Michael Harrell
Abstract Trust Title, LLC
PO Box 7175
Lake City, FL 32055

ATS# 4-6388

Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 15th day of September, 2014, Justin Moses, hereinafter called the grantor, to Brian G. Dicks and his wife Aimee W. Dicks whose post office address is: 2282 US Highway 90 W., Lake City, FL 32055 hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, Florida, viz: Parcel ID# R02431-205

Lot 5, of "West Paces", a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 27 and 28, of the Public Records of Columbia County, Florida.

The above described property is not, nor has it ever been the homestead of the Grantor, who in fact resides at 798 SW Mail Blvd., Lake City, FL 32025.

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

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2013.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness: Regina Williams
Printed Name: Regina Williams

Witness: Michael Harrell
Printed Name:

Justin Moses

Inst:201412014457 Date:9/17/2014 Time:11:12 AM
Doc Stamp-Deed:349.30
DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1281 P:1600

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 15th day of September, 2014 by JUSTIN MOSES personally known to me or, if not personally known to me, who produced DL for identification and who did not take an oath.

Notary Public

(Notary Seal)

NOTARY PUBLIC STATE OF FLORIDA
MICHAEL H. HARRELL
My Commission # FF005231
EXPIRES: April 08, 2017

Columbia County Property Appraiser

updated: 1/23/2015

2014 Tax Year

Tax Collector | Tax Estimato | Property Card | Parcel List Generator | Interactive GIS Map | Print

Parcel: 32-3S-16-02431-205

<< Next Lower Parcel | Next Higher Parcel >>

Search Result: 1 of 1

Owner & Property Info

Owner's Name	DICKS BRIAN G & AIMEE W		
Mailing Address	2282 US HIGHWAY 90 W LAKE CITY, FL 32055		
Site Address			
Use Desc. (code)	VACANT (000000)		
Tax District	3 (County)	**Neighborhood**	32316
Land Area	5.110 ACRES	**Market Area**	01
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
LOT 5 WEST PACES S/D. WD 1056-2180, WD 1161-1851 WD 1281-1600			

Property & Assessment Values

2014 Certified Values		
Mkt Land Value	cnt: (0)	$40,629.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$40,629.00
Just Value		$40,629.00
Class Value		$0.00
Assessed Value		$40,629.00
Exempt Value		$0.00
Total Taxable Value		Cnty: $40,629 Other: $40,629 | Schl: $40,629

2015 Working Values *(...Hide Values)*		
Mkt Land Value	cnt: (0)	$40,629.00
Ag Land Value	cnt: (1)	$0.00
Building Value	cnt: (0)	$0.00
XFOB Value	cnt: (0)	$0.00
Total Appraised Value		$40,629.00
Just Value		$40,629.00
Class Value		$0.00
Assessed Value		$40,629.00
Exempt Value		$0.00
Total Taxable Value		Cnty: $40,629 Other: $40,629 | Schl: $40,629
NOTE: 2015 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.		

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
9/15/2014	1261/1600	WD	V	Q	01	$49,900.00
11/4/2008	1161/1851	WD	V	U	03	$100,000.00
8/23/2005	1056/2180	WD	V	Q		$92,000.00

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

RE: DICKS RESIDENCE

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1502-57 CONTRACTOR Bryan Zecher 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 #0076	Print Name Matthews Electric, LLC License #: EC13005459	Signature Phone #: 386-344-2029
MECHANICAL/ A/C #0747	Print Name Mark Touchstone License #: CACO-58099	Signature Phone #: 386-867-0625
PLUMBING/ GAS #1081	Print Name Scott Wolfe License #: CFC 051621	Signature Phone #: 386-935-0616
ROOFING #0187	Print Name MacJohnson Roofing License #: RC 0061384	Signature Phone #: 352-472-4943
SHEET METAL	Print Name N/A License #:	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name N/A License#:	Signature Phone #:
SOLAR	Print Name N/A License #:	Signature Phone #:

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER	000063	Darryl Spradley	
FRAMING		see next pages	
INSULATION	000240	Will Sikes	
STUCCO		N/A	
DRYWALL	001197	Valerie Massie ✓	Valerie Massie
PLASTER		N/A	
CABINET INSTALLER	001452	Craig Moorman ✓	
PAINTING	000330	Bobby Touchton	
ACOUSTICAL CEILING		N/A	
GLASS		N/A	
CERAMIC TILE 853	CBC 054575	Bryan Zecher ✓	
FLOOR COVERING		see next pages	
ALUM/VINYL SIDING	000359	Greg May	
GARAGE DOOR	000618	Carl Bullard ✓	
METAL BLDG ERECTOR		N/A	

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.

RE: DICKS RESIDENCE

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1502-57 CONTRACTOR BRYAN ZECHER PHONE (386) 752-8653

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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_____ 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	001545	CHRISTOPHER M. LUMPKIN ☒	
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.

RE: DICKS RESIDENCE

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1602-57 CONTRACTOR Bryan Zecher 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			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
✓ FLOOR COVERING	000546	Ryan Hardin	Ryan Hardin
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 1502-51 CONTRACTOR BRYAN ZECHER 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	000720	DONALD R. ROBERTS	Donald Roberts
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.

PAT LYNCH
LYNCH DRILLING CORP
P O Box 934
Branford, FL 32008
(386)935-1076

DATE 2-16-15

CUSTOMER Brian + Aimee Dicks (Zecker Const)

LOCATION Columbia County #32-3S-16-02431-205

WE WILL CONSTRUCT A 4" WATER WELL COMPLETE WITH 4" WATER WELL STEEL CASING, 1½ SUBMERSIBLE PUMP (20 GPM) WITH 1 1/4" DROP PIPE, AND AN 86 GALLON CAPTIVE AIR TANK (21.9 GALLON DRAWDOWN).

WELL WILL BE COMPLETE AT THE WELL SITE, WE DO NOT INCLUDE ELECTRICAL NOR PLUMBING CONNECTIONS FROM THE WELL TO THE HOME AND/OR POWER POLE.

ANY VARIATIONS OF THE ABOVE ARE SUBJECT TO APPROVAL FROM THE CUSTOMER AND.OR CONTRACTOR PRIOR TO COMMENSMENT OF THE INDIVIDUAL JOB.

THANK YOU

2-16-15

NOT RESPONSIBLE FOR THE QUALITY OF WATER

fax (386) 758-8920
ph (386) 752-8653

Bryan Zecher
CONSTRUCTION

Brian & Aimee Dicks
432 SW Paces Gln
Lake City, FL 32024

Driving Directions:

From downtown Lake City at US Hwy 90 and Main Street, travel west on Hwy 90 for 8 miles. Turn left on SW Birley Ave and go 1 mile. Turn left onto SW Paces Gln. Go 0.3 miles and job site will be on the left.

Permit #

Septic #

Driveway #

CORIAL HOMES

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1502-57 CONTRACTOR BRYAN ZECHER PHONE (386)752-8653

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

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON	000720	DONALD R. ROBERTS	Donald Roberts
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 9-1-1 ADDRESSING

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

Addressing Maintenance

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

DATE REQUESTED: 2/3/2015 **DATE ISSUED:** 2/6/2015

ENHANCED 9-1-1 ADDRESS:

432 SW PACES GLN

LAKE CITY FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

32-3S-16-02431-205

Remarks:

ADDRESS FOR PROPOSED STRUCTURE ON PARCEL.

Address Issued By: SIGNED:/ RONAL N. CROFT

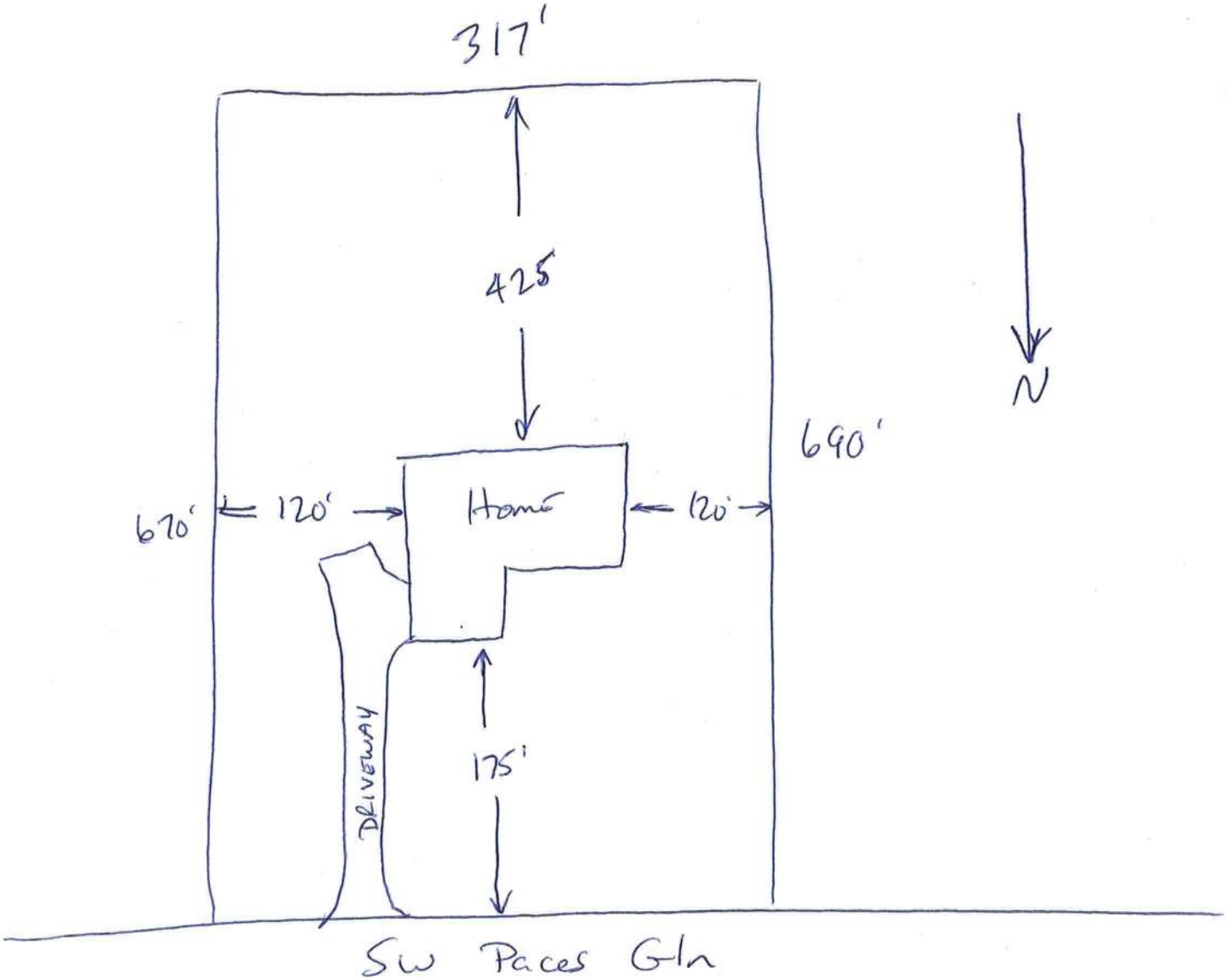
Columbia County 9-1-1 Addressing / GIS Department

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.

3092

Lot 5 West Paces SD

32-35-16-02431-205



"Proposed Site Plan"

LOT 5 WEST PACES S/D.
WD 1056-2180, WD 1161-1851
WD 1281-1600

DICKS BRIAN G & AIMEE W
2282 US HIGHWAY 90 W
LAKE CITY, FL 32055

32-3S-16-02431-205

Columbia County 2015 R
CARD 001 of 001

PRINTED 1/23/2015 14:58 BY JEFF
APPR 8/08/2006 DF

BUSE		AE?	HTD AREA	.000	INDEX	32316.00	DIST 3	PUSE	000000	VACANT	
MOD	BATH		EFF AREA	54.564	E-RATE	.000	INDX	STR 32- 3S-16E			
EXW	FIXT		RCN				AYB	MKT AREA 01			0 BLDG
%	BDRM		%GOOD		BLDG VAL		EYB	(PUD1			0 XFOB
RSTR	RMS							AC	5.110		40,629 LAND
RCVR	UNTS							NTCD			0 CLAS
%	C-W%							APPR CD			0 MKTUSE
INTW	HGHT							CNDO			40,629 JUST
%	PMTR							SUBD			40,629 APPR
FLOR	STYS							BLK			
%	ECON							LOT			0 SOHD
HTTP	FUNC							MAP#			0 ASSD
A/C	SPCD										0 EXPT
QUAL	DEPR							TXDT	003		0 COTXBL
FNDN	UD-1										
SIZE	UD-2										
CEIL	UD-3										
ARCH	UD-4										
FRME	UD-5										
KTCH	UD-6										
WNDO	UD-7										
CLAS	UD-8										
OCC	UD-9										
COND	%										

FIELD CK:
LOC:

BLDG TRAVERSE

SUB	A-AREA	%	E-AREA	SUB VALUE
TOTAL				

PERMITS

NUMBER	DESC	AMT	ISSUED

SALE

BOOK	PAGE	DATE		PRICE
1261	1600	9/15/2014	Q V	49900
GRANTOR JUSTIN MOSES				
GRANTEE BRIAN G & AIMEE W DICKS				
1161	1851	11/04/2008	U V	100000
GRANTOR MICHAEL C & CATHY S MOSES				
GRANTEE JUSTIN MOSES				

EXTRA FEATURES

AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ UT PR	SPCD %	%GOOD	XFOB VALUE

FIELD CK:

AE	LAND CODE	DESC	ZONE TOPO	ROAD UTIL	{UD1 {UD2	{UD3 {UD4	FRONT BACK	DEPTH DT	ADJUSTMENTS	UNITS	UT	PRICE	ADJ UT PR	LAND VALUE
Y	000000	VAC RES	A-3	0007					1.00 1.00 1.00 1.00	1.000	LT	40629.600	40629.60	40,629
			0002											

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

PERMIT NO. 15-119-N
DATE PAID: 3/3/15
FEE PAID: $310.00
RECEIPT #: 2614330

APPLICATION FOR:
[X] New System [ ] Existing System [ ] Holding Tank [ ] Innovative
[ ] Repair [ ] Abandonment [ ] Temporary [ ] _____

APPLICANT: Brian Dicks

AGENT: ROCKY FORD, A & B CONSTRUCTION TELEPHONE: 386-497-2311

MAILING ADDRESS: 546 SW Dortch Street, 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)(m) 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: 5 BLOCK: na SUB: West Paces S/D PLATTED: _____

PROPERTY ID #: 32-3S-16-02431-205 ZONING: RES I/M OR EQUIVALENT: [Y /(N)]

PROPERTY SIZE: 5.11 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [Y /(N)] DISTANCE TO SEWER: ____ FT

PROPERTY ADDRESS: SW Paces Glen, Lake City, FL, 32024

DIRECTIONS TO PROPERTY: 90 West, TL on Birley Road, TL into Paces West, 1/4 mile to 5th lot on right

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	SF Residential	3	3503	
2				
3				

[√] Floor/Equipment Drains [√] Other (Specify) _____

SIGNATURE: Rocky D Ford DATE: 2/24/2015

DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

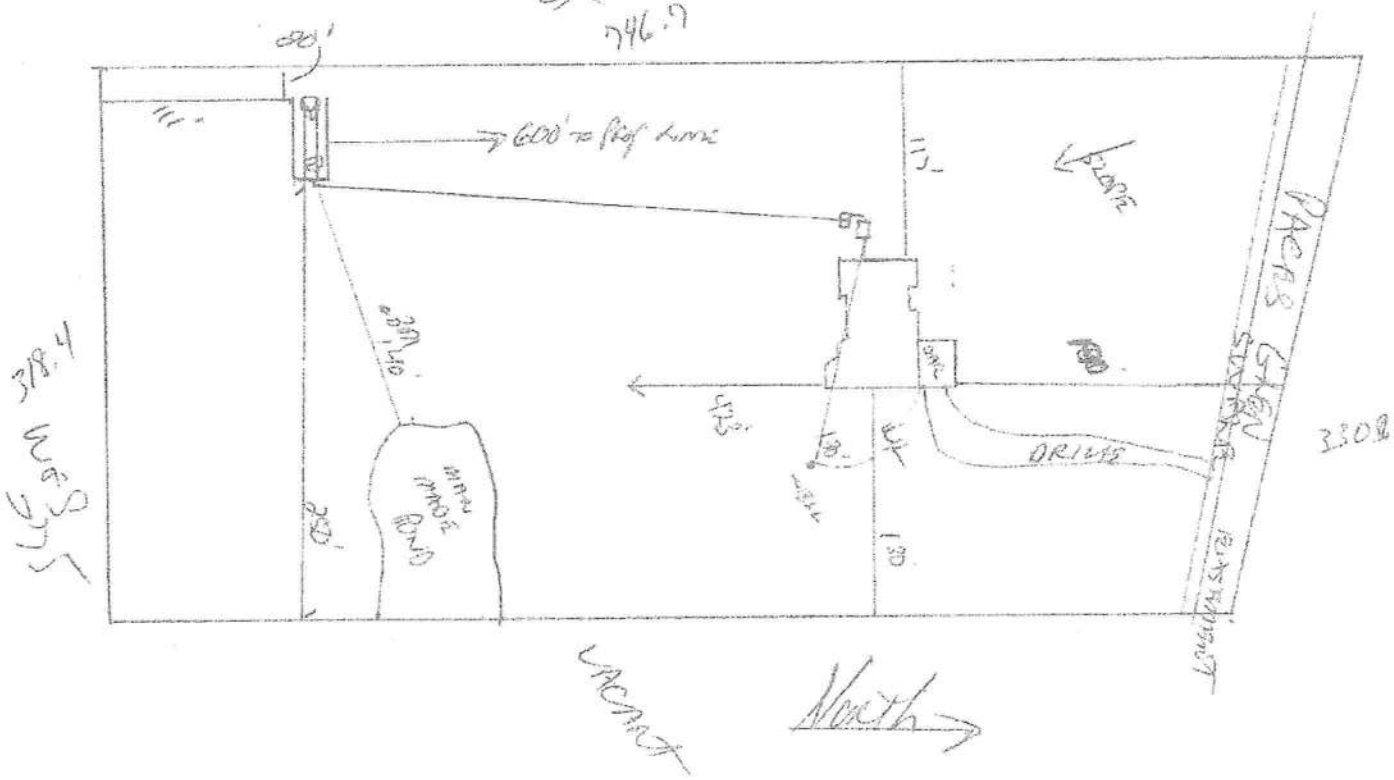
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 15-119-N

Brian Dykes

PART II - SITEPLAN

Scale: 1 inch = ~~40~~ 100 feet.



Notes: _____

Site Plan submitted by: _____ MASTER CONTRACTOR

Plan Approved X Not Approved ____ Date 3/31/15

By _____ County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
CONSTRUCTION PERMIT

PERMIT #: 12-SC-1590695
APPLICATION #: AP1178556
DATE PAID: 3/5/15
FEE PAID: 310.00
RECEIPT #: 2613430
DOCUMENT #: PR966299

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: Brian * 15-119 N Dicks

PROPERTY ADDRESS: SW Paces Gln Lake City, FL 32024

LOT: 5 BLOCK: SUBDIVISION: West Bay Meadow S/D

PROPERTY ID #: 02431-205 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER] [OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [1,200] GALLONS / GPD Septic CAPACITY
A [ ] GALLONS / GPD N/A CAPACITY
N [ ] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS]
K [375] GALLONS DOSING TANK CAPACITY [77.00] GALLONS @ [6] DOSES PER 24 HRS #Pumps [1]

D [575] SQUARE FEET Drainfield SYSTEM
R [ ] SQUARE FEET N/A SYSTEM
A TYPE SYSTEM: [x] STANDARD [ ] FILLED [ ] MOUND [ ]
I CONFIGURATION: [x] TRENCH [ ] BED [ ]
N
F LOCATION OF BENCHMARK: Nail in Pine tree NE of system site.
I ELEVATION OF PROPOSED SYSTEM SITE [12.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [25.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
L
D FILL REQUIRED: [5.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

O
T
H
E
R

1.) The system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom), for a total estimated flow of 460 gpd.
2.) Performing Lift Dosing. Pumps must be certified as suitable for distributing sewage effluent.
3.) 911 addres shall be required prior to final approval.

SPECIFICATIONS BY: Rocky D Ford TITLE: Master Contractor

APPROVED BY: Jeremy K Clifford TITLE: Environmental Specialist I Columbia CHD

DATE ISSUED: 03/05/2015 EXPIRATION DATE: 09/04/2016

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)
Incorporated: 64E-6.003, FAC

#32764

ATT#6609

This Instrument Prepared By:
Abstract Trust title LLC
PO Box 7175
Lake City, Florida 32055

NOTICE OF COMMENCEMENT

TO WHOM IT MAY CONCERN:

The undersigned hereby give notice that improvements will be made to certain real property and in accordance with Chapter 713, Florida Statues, the following is provided in this Notice of Commencement:

1. Description of Property: See Exhibit "A" attached hereto and by this reference made a part thereof.
2. General Description of Improvement: Construction of Dwelling
3. Owner Information:
   a. Name and Address: Brian G. Dicks and Aimee W. Dicks @ 2282 West US 90, Lake City, FL 32055
   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 32025
5. Surety:
   a. Name and Address: N/A
   b. Amount of Bond: N/A

201512004076 Date:3/6/2015 Time:11:14 AM
DC,P.DeWitt Cason,Columbia County Page 1 of 2 B:1290 P:1537

6. LENDER: First Federal Bank of Florida
   4705 West US Highway 90
   PO Box 2029
   Lake City, FL 32056
7. Persons within the State of Florida designated by Owner upon whom notices of other documents may be served as provided in Section 713.13(1)(a)7., Florida Statutes: NONE
8. In addition to himself, Owner designates FIRST FEDERAL BANK OF FLORIDA at 4705 WEST US HIGHWAY 90 / PO BOX 2029, LAKE CITY, FL 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).

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1 SECTION 713. 13, FLORIDA STATUTES AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU NEED TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

***Owner is used for singular or plural as context requires.**

Signed, sealed and delivered in the presence:

WITNESS Stephanie D. Copeland

WITNESS Regina Simpkins

B. G. D

Brian G. Dicks

Aimee W. Dicks

Aimee W. Dicks

STATE OF FLORIDA
COUNTY OF COLUMBIA

Before me, personally appeared Brian G. Dicks and Aimee W. Dicks, to me known to be the person(s) described in and who executed the foregoing instrument, and they acknowledged to and before me that they executed said instrument for the purpose therein expressed.

Witness my hand and official seal this 5th day of March, 2015.

(SEAL)

REGINA SIMPKINS
MY COMMISSION # EE 650115
EXPIRES: January 4, 2017
Bonded Thru Budget Notary Services

NOTARY PUBLIC Regina Simpkins

My Commission Expires: 1-4-17

Verification Pursuant to Section 92.525, Florida Statutes

Under Penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

B. G. D

Brian G. Dicks

Aimee W. Dicks

Aimee W. Dicks

ATT#6609

EXHIBIT "A"

Lot 5, of "West Paces", a subdivision according to the plat thereof as recorded in Plat Book 8, Pages 27 and 28, of the Public Records of Columbia County, Florida.

CLERK CIRCUIT COURT
COLUMBIA COUNTY, FLORIDA

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By: Bonnie Dow
Deputy Clerk
Date: March 6, 2015

CERTIFICATE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 32-3S-16-02431-205 Building permit No. 000032764

Use Classification SFD, UTILITY Fire: 30.56

Permit Holder BRYAN ZECHER Waste: 32.18

Owner of Building BRIAN & AIMEE DICKS Total: 62.74

Location: 432 SW PACES GLN,LAKE CITY,FL 32024

Date: 08/25/2015

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

CORPORATE HEADQUARTERS

P.O. BOX 5369
116 N.W. 16TH AVENUE
GAINESVILLE, FL 32627-5369

(352) 376-2661
FAX (352) 376-2791

www.flapest.com

FLORIDA PEST CONTROL
Since 1949

SCIENTIFIC PEST CONTROL DIRECTED BY GRADUATE ENTOMOLOGISTS

Complete Pest Control Service
Member Florida & National Pest Control Associations

Reply : 536 SE Baya Dr
Lake City, FL 32025
Phone (386) 752-1703 Fax (386) 752-0171

Bryan Zecher Construction
PO Box 815
Lake City FL
32056

TERMITE TREATMENT CERTIFICATION

Owner: M/M Brian & Amy Dicks	Permit Number: 32764
Lot:	Block:
Subdivision:	Street Address: 432 SW Paces Gln
City: Lake City	County: Columbia
General Contractor: Bryan Zecher Construction	Area Treated: 306LF
Date: 8/3/15	Time: 12:11
Name of applicator: Patrick Alvino	Applicator ID Number: JE2070451
Product Used: Active Ingredient: % Concentration: Premise: Imidacloprid: 0.10%	Number of gallons used: 70GALS
Method of termite prevention treatment: **Soil treatment**	

The building has received a complete treatment for the prevention of subterranean termites.
Treatment is in accordance with rules and laws established by the Florida Department of Agriculture and Consumer Services.
This form is proof of complete treatment for Certificate of Occupancy or Closing.

THIS IS PROOF OF WARRANTY
Warranty and Treatment Certifications Have Been Issued.

Authorized Signature:	Date:
Phillip Arnold	8/4/2015

32764

Alpine, an ITW Company

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1VGN9114Z0121084748

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

Truss Fabricator:	**Anderson Truss Company**
Job Identification:	**15-024H--BRYAN ZECHER /Dicks Residence/ Cypress -- 432 SW [illegible] glen Lake City, (432 SW [illegible]aces**
Truss Count:	**3**
Model Code:	**Florida Building Code 2014 or 2010**
Truss Criteria:	**FBC2010Res/TPI-2007(STD)**
Engineering Software:	**Alpine Software,Version 14.03.**
Structural Engineer of Record:	**The identity of the structural EOR did not exist as of**
Address:	**the seal date per section 61G15-31.003(5a) of the FAC**
Minimum Design Loads:	**Roof - 37.0 PSF @ 1.25 Duration**
	Floor - N/A
	Wind - 120 MPH ASCE 7-10 -Closed

05/21/2015

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: HCUSR9114**

Walter P. Finn
-Truss Design Engineer-

2400 Lake Orange Dr, Suite 150
Orlando FL, 32837

Details: BRCLBSUB-

#	Ref	Description	Drawing#	Date
1	72983	H19AR 46'8"12 Co	15141005	05/21/15
2	72984	H21AR 46'8"12 Co	15141006	05/21/15
3	72985	H23AR 50'8" Comm	15141007	05/21/15

(15-024H--BRYAN ZECHER /Dicks Residence/ Cypress -- 432 SW Paces glen Lake City, - H19AR 46'8"12 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint 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. Creep increase factor for dead load is 1.50.

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

Negative reaction(s) of -342# MAX. (See below) from a non-wind load case requires uplift connection.

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

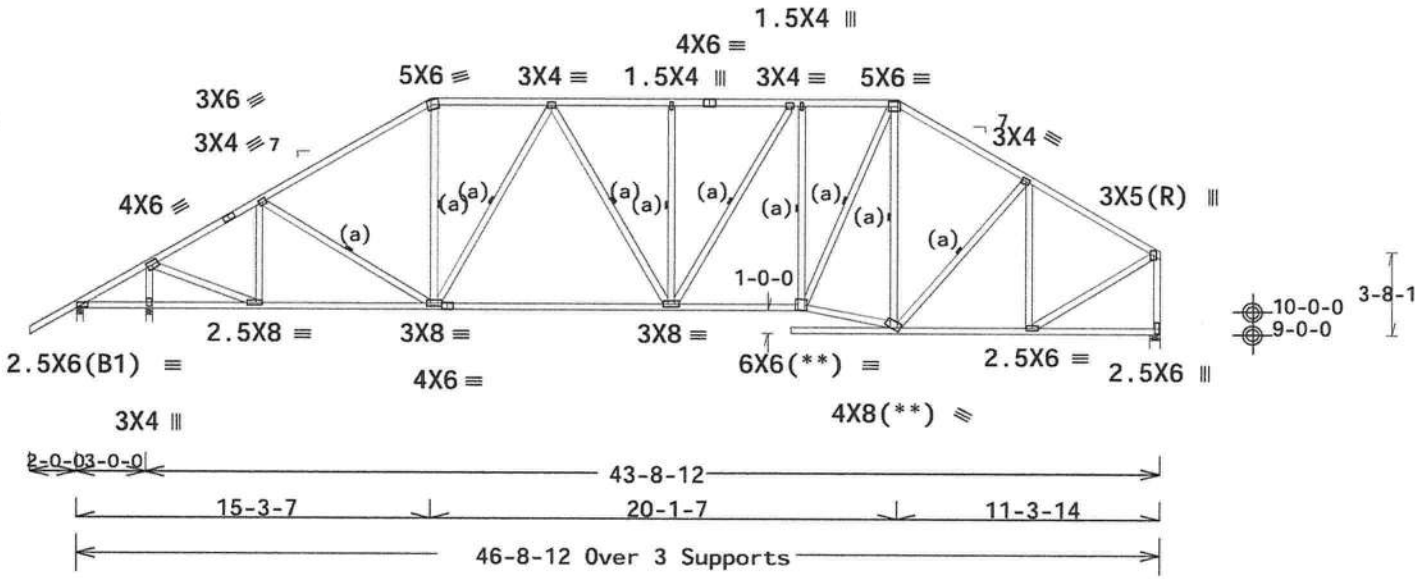
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Calculated vertical deflection is 0.34" due to live load and 0.95" due to dead load at X = 30-10-0.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

**"WARNING!" READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE 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 WTCA) for safety 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 of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc, shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing 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 and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WALTER P. FINN LICENSE No.22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

05/21/2015

TC LL	20.0 PSF	REF	R9114- 72983
TC DL	7.0 PSF	DATE	05/21/15
BC DL	10.0 PSF	DRW	HCUSR9114 15141005
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	436649
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VGN9114Z01

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint 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. Creep increase factor for dead load is 1.50.

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

Negative reaction(s) of -264# MAX. (See below) from a non-wind load case requires uplift connection.

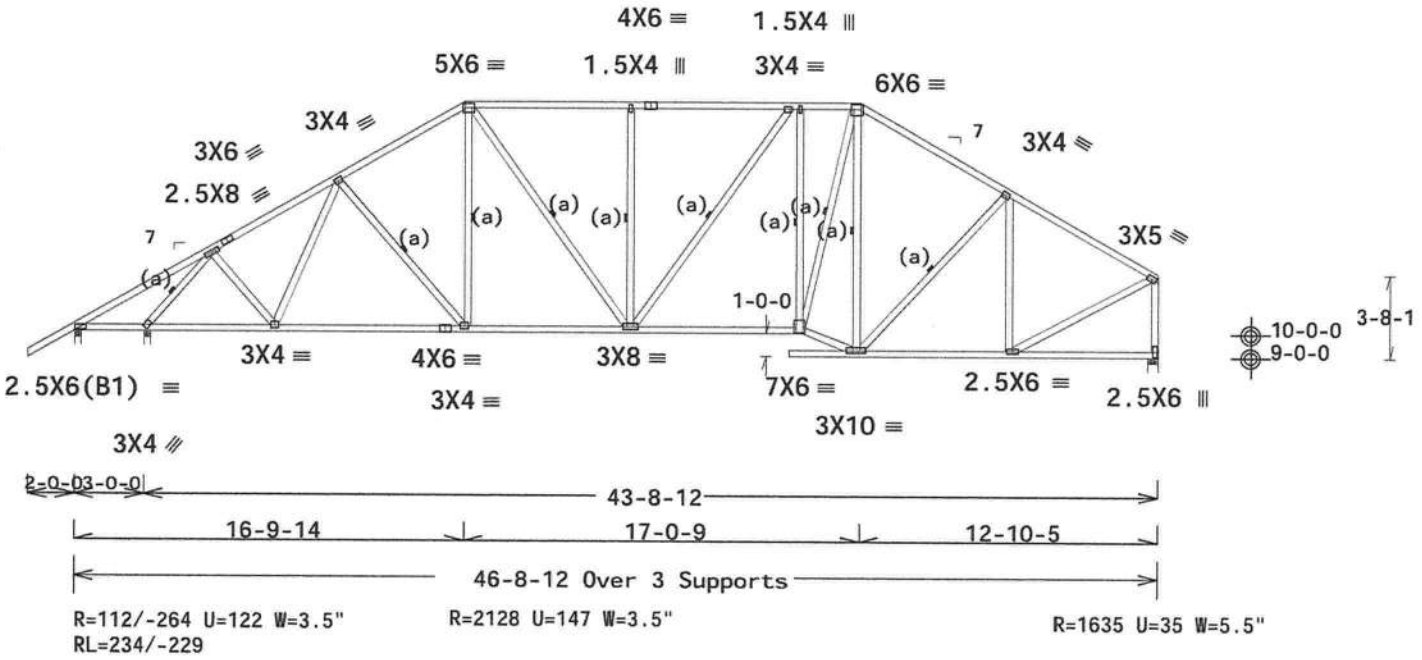
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

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.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01 9123.00 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

05/21/2015

TC LL	20.0 PSF	REF	R9114- 72984
TC DL	7.0 PSF	DATE	05/21/15
BC DL	10.0 PSF	DRW	HCUSR9114 15141006
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	436646
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VGN9114Z01

(15-024H--BRYAN ZECHER /Dicks Residence/ Cypress -- 432 SW Paces glen Lake City, - H23AR 50'8" Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint 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.

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.

(b) (1) 2X6X4-0-0 SP_#2_13B SCAB;ATTACH TO ONE FACE OF TRUSS WITH 10d BOX(0.128"X3.0") NAILS @ 6" OC, PLUS NAIL CLUSTERS AS SHOWN BBY CIRCLES WITHOUT SPLITTING LUMBER.
NOTE: SCAB MAY BE TRIMMED FLUSH WITH BOTTOM CHORD.

*** Negative reaction(s) of -465# MAX. (See below) from a non-wind load case requires uplift connection.

Plates extending outside the truss perimeter shall be positioned within the tolerance specified on the plate placement polygon only, without use of TPI 1-2007 section 3.7.2.2 alternate positioning. Steel extending above the top chord or below the bottom chord may be trimmed or folded along the outer edge of that chord. Steel extending elsewhere beyond outermost truss members may be folded.

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

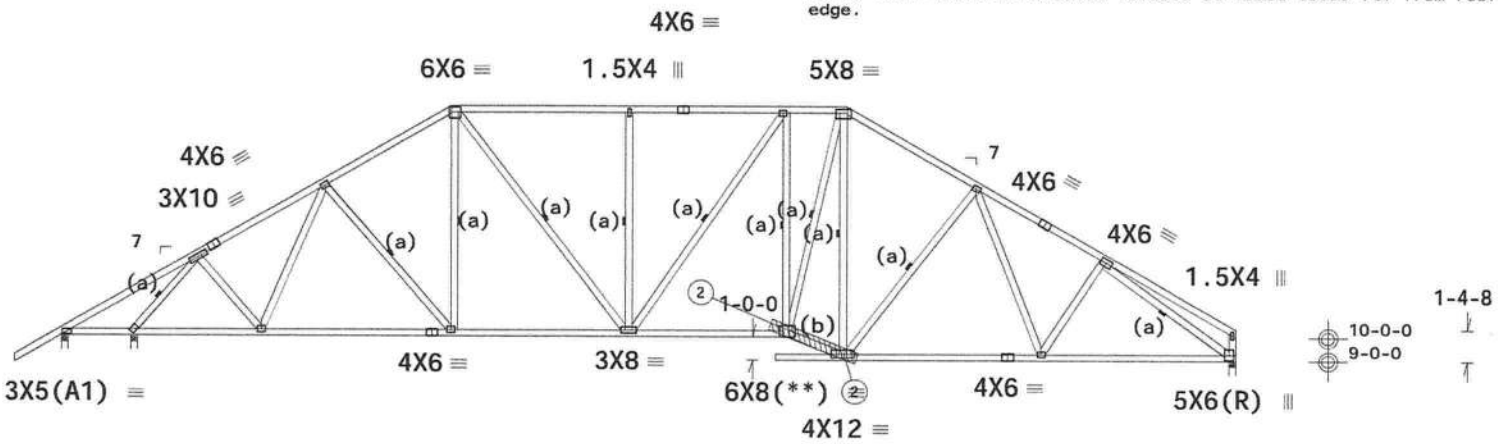
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP C, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

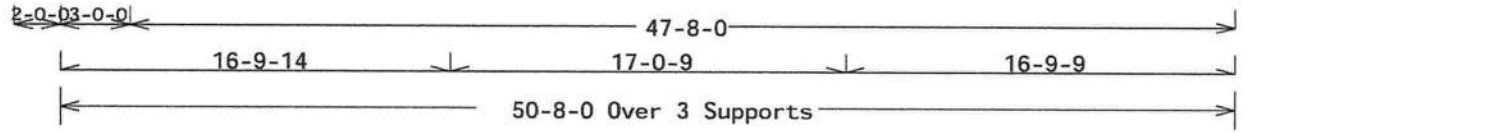
Wind loads and reactions based on MWFRS with additional C&C member design.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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





*** R=-465 Rw=11 U=175 W=3.5" R=2823 U=62 W=3.5" R=2065 U=46 W=3.5"
RL=254/-270

Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01 [illegible] QTY:2 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE 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 WTCA) for safety 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 of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

Alpine, a division of ITW Building Components Group Inc, shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing 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 and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WALTER P. FINN LICENSE No. 22839 STATE OF FLORIDA PROFESSIONAL ENGINEER

05/21/2015

TC LL	20.0 PSF	REF	R9114- 72985
TC DL	7.0 PSF	DATE	05/21/15
BC DL	10.0 PSF	DRW	HCUSR9114 15141007
BC LL	0.0 PSF	HC-ENG	JB/WPF
TOT.LD.	37.0 PSF	SEQN-	436643
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VGN9114Z01

CLR Reinforcing Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

Notes:

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or L-reinforcement or scab reinforcement.

Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

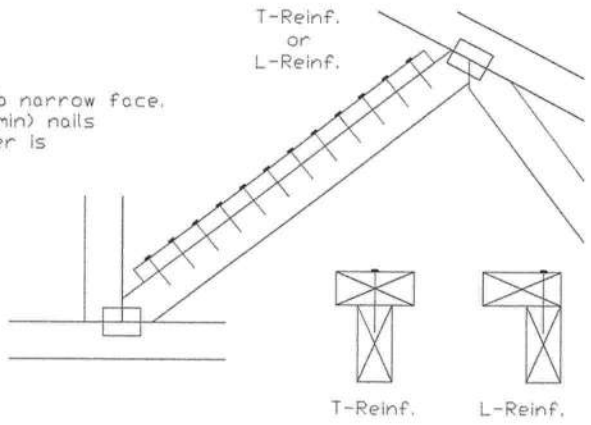
Web Member Size	Specified CLR Restraint	Alternative Reinforcement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

(*) Center scab on wide face of web. Apply (1) scab to each face of web.

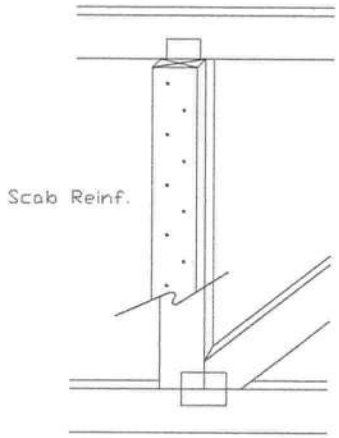
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



ALPINE™
AN ITW COMPANY
13389 Lakefront Drive
Earth City, MO 63045

WALTER P. FINN
LICENSE
No. 22839
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

May 21, 15

TC LL	PSF	REF	CLR Subst.
TC DL	PSF	DATE	10/01/14
BC DL	PSF	DRWG	BRCLBSUB1014
BC LL	PSF		
TOT. LD.	PSF		
DUR. FAC.			
SPACING			

05/21/2015

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2010 EFFECTIVE 15 MARCH 2012 AND THE NATIONAL ELECTRICAL 2008 EFFECTIVE 1 OCTOBER 2009

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2010 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 15 MARCH 2012. NATIONAL ELECTRICAL CODE 2008 EFFECTIVE 1 OCTOBER 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 FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES

	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.)	3481	Total (Sq. Ft.) under roof 4803	IIIIIII	IIIIIII	IIII

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 are 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**	IIIIII	IIIII	IIIIII
		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/m²), to be used for the design of exterior component, cladding materials not specifally 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	✓		
18	Location and size of skylights with Florida Product Approval	✓		
18	Number of stories	✓		
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 FBC 1405.13.2 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 and chapter 24 of FBCR)			✓
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails			✓
28	Identify accessibility of bathroom (see FBCR SECTION 320)			✓

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

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 valve of soil_____ 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 318: PROTECTION AGAINST TERMITES

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

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			✓
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			✓
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers			✓
41	Girder type, size and spacing to load bearing walls, stem wall and/or priers			✓
42	Attachment of joist to girder			✓
43	Wind load requirements where applicable			✓
44	Show required under-floor crawl space			✓
45	Show required amount of ventilation opening for under-floor spaces			✓
46	Show required covering of ventilation opening			✓
47	Show the required access opening to access to under-floor spaces			✓
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & inter of the areas structural panel sheathing			✓

49	Show Draftstopping, Fire caulking and Fire blocking			✓
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6			✓
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 IRC 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 IRC 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 802.1.6.1 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 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	✓		

ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	✓		
72	Submit Florida Product Approval numbers for each component of the roof assembles 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 chapter11 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			✓

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	✓		
83	Reservoir pressure tank gallon capacity	✓		
84	Rating of cycle stop valve if used	✓		

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current On-Line Building Permit Application www.ccpermit.com is to be completed, by following the Checklist all supporting documents must be submitted. There is a **$15.00** application fee.	✓		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also requested. www.columbiacountyfla.com	✓		
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 386-752-2031			✓
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 approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.			✓
100	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**			✓
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. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver **($50.00)** Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	✓		
102	**911 Address:** An application for a 911address must be applied for and **received** through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125 Ext. 3	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code 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 if 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 application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.

FORM 405-10

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Dicks Residence	Builder Name:	Zecher Construction
Street:		Permit Office:	Columbia County
City, State, Zip:	Lake City , FL , 32055-	Permit Number:	
Owner:	Brian Dicks	Jurisdiction:	221000
Design Location:	FL, Gainesville		

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	3
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft²)	3481
Conditioned floor area below grade (ft²)	0

7. Windows(385.7 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.55	385.72 ft²
SHGC:	SHGC=0.50	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		6.833 ft.
Area Weighted Average SHGC:		0.500

8. Floor Types (3481.0 sqft.)	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	3063.00 ft²
b. Floor over Garage	R=16.0	418.00 ft²
c. N/A	R=	ft²

9. Wall Types (2337.0 sqft.)	Insulation	Area
a. Face Brick - Wood, Exterior	R=13.0	1953.00 ft²
b. Frame - Wood, Adjacent	R=13.0	243.00 ft²
c. Frame - Wood, Exterior	R=13.0	141.00 ft²
d. N/A	R=	ft²

10. Ceiling Types (3481.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	3481.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: Main	6	696.2

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	35.0	SEER:14.00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	35.0	HSPF:7.70

14. Hot water systems	
a. Electric	Cap: 66 gallons
	EF: 0.920
b. Conservation features	
None	
15. Credits	CF, Pstat

Glass/Floor Area: 0.111

Total Proposed Modified Loads: 39.49

Total Standard Reference Loads: 60.66

PASS

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

PREPARED BY: _____

DATE: 2/5/15

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

OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____

- **Compliance requires completion of a Florida Air Barrier and Insulation Inspection Checklist**

COLUMBIA COUNTY BUILDING DEPARTMENT Received for FILE COPY Code Compliance PLANS EXA

PROJECT

Title:	Dicks Residence	Bedrooms:	3	Address Type:	Lot Information
Building Type:	User	Conditioned Area:	3481	Lot #	5
Owner:	Brian Dicks	Total Stories:	2	Block/SubDivision:	West Paces
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Zecher Construction	Rotate Angle:	0	Street:	
Permit Office:	Columbia County	Cross Ventilation:		County:	Columbia
Jurisdiction:	221000	Whole House Fan:		City, State, Zip:	Lake City , FL , 32055-
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	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	3481	30911

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	3063	27567	Yes	3	2	1	Yes	Yes	Yes
2	Bonus	418	3344	No	3	1	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
____	1	Slab-On-Grade Edge Insulatio	Main	272 ft	0	3063 ft²	___	0.3	0.4	0.3
____	2	Floor over Garage	Bonus	___	___	418 ft²	16	0	0.5	0.5

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
____	1	Hip	Composition shingles	3548 ft²	0 ft²	Medium	0.96	No	0.9	No	0	30.3

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
____	1	Full attic	Vented	300	3063 ft²	N	N

CEILING

√	#	Ceiling Type	Space	R-Value	Area	Framing Frac	Truss Type
	1	Under Attic (Vented)	Main	30	3063 ft²	0.11	Wood
	2	Under Attic (Vented)	Bonus	30	418 ft²	0.11	Wood

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
	1	N	Exterior	Face Brick - Wood	Main	13	13	8	9		123.0 ft²	0	0.23	0.75	0
	2	N	Exterior	Face Brick - Wood	Main	13	23		9		207.0 ft²	0	0.23	0.75	0
	3	N	Garage	Frame - Wood	Main	13	27		9		243.0 ft²	0.63	0.23	0.75	0
	4	E	Exterior	Face Brick - Wood	Main	13	50	8	9		456.0 ft²	0	0.23	0.75	0
	5	S	Exterior	Face Brick - Wood	Main	13	31	6	9		283.5 ft²	0	0.23	0.75	0
	6	S	Exterior	Face Brick - Wood	Main	13	24	4	9		219.0 ft²	0	0.23	0.75	0
	7	S	Exterior	Face Brick - Wood	Main	13	13	8	9		123.0 ft²	0	0.23	0.75	0
	8	W	Exterior	Face Brick - Wood	Main	13	60	2	9		541.5 ft²	0	0.23	0.75	0
	9	N	Exterior	Frame - Wood	Bonus	13	15	8	9		141.0 ft²	0.63	0.23	0.75	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
	1	N	Insulated	Main	Metal	.46	6		8		48 ft²
	2	N	Insulated	Main	Metal	.46	3		6	8	20 ft²
	3	N	Insulated	Main	Metal	.46	2	8	6	8	17.8 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
	1	N	1	Vinyl	Low-E Double	Yes	0.55	0.5	12.4 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	2	N	2	Vinyl	Low-E Double	Yes	0.55	0.5	26.4 ft²	7 ft 3 in	0 ft 4 in	Drapes/blinds	None
	3	E	4	Vinyl	Low-E Double	Yes	0.55	0.5	17.1 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	4	E	4	Vinyl	Low-E Double	Yes	0.55	0.5	4.4 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	5	E	4	Vinyl	Low-E Double	Yes	0.55	0.5	7.3 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	6	S	5	Vinyl	Low-E Double	Yes	0.55	0.5	90.7 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	7	S	5	Vinyl	Low-E Double	Yes	0.55	0.5	8.0 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	8	S	6	Vinyl	Low-E Double	Yes	0.55	0.5	99.7 ft²	14 ft 0 in	0 ft 4 in	Drapes/blinds	None
	9	S	6	Vinyl	Low-E Double	Yes	0.55	0.5	15.1 ft²	14 ft 0 in	0 ft 4 in	Drapes/blinds	None
	10	S	7	Vinyl	Low-E Double	Yes	0.55	0.5	54.9 ft²	8 ft 4 in	0 ft 4 in	Drapes/blinds	None
	11	W	8	Vinyl	Low-E Double	Yes	0.55	0.5	12.2 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	12	W	8	Vinyl	Low-E Double	Yes	0.55	0.5	12.4 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None
	13	N	9	Vinyl	Low-E Double	Yes	0.55	0.5	24.9 ft²	2 ft 0 in	0 ft 4 in	Drapes/blinds	None

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	710.1 ft²	292 ft²	79.6 ft	9 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Best Guess	.0005	4565.4	250.63	471.35	.474	8.8616

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump	None	HSPF: 7.7	35 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit	None	SEER: 14	35 kBtu/hr	1050 cfm	0.75	1	sys#1

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Garage	0.92	66 gal	60 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 — Location	R-Value	Area	— Return — Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
_____	1	Attic	6	696.2 ft	Attic	174.05	Default Leakage	Main	(Default)	(Default)			1	1

TEMPERATURES

Programable Thermostat: Y Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	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	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

FORM 405-10

Florida Code Compliance Checklist

Florida Department of Business and Professional Regulations
Residential Whole Building Performance Method

ADDRESS:	PERMIT #:
Lake City, FL, 32055-	

MANDATORY REQUIREMENTS SUMMARY - See individual code sections for full details.

COMPONENT	SECTION	SUMMARY OF REQUIREMENT(S)	CHECK
Air leakage	402.4	To be caulked, gasketed, weatherstripped or otherwise sealed. Recessed lighting IC-rated as meeting ASTM E 283. Windows and doors = 0.30 cfm/sq.ft. Testing or visual inspection required. Fireplaces: gasketed doors & outdoor combustion air. Must complete envelope leakage report or visually verify Table 402.4.2.	✓
Thermostat & controls	403.1	At least one thermostat shall be provided for each separate heating and cooling system. Where forced-air furnace is primary system, programmable thermostat is required. Heat pumps with supplemental electric heat must prevent supplemental heat when compressor can meet the load.	✓
Ducts	403.2.2 403.3.3	All ducts, air handlers, filter boxes and building cavities which form the primary air containment passageways for air distribution systems shall be considered ducts or plenum chambers, shall be constructed and sealed in accordance with Section 503.2.7.2 of this code. Building framing cavities shall not be used as supply ducts.	✓
Water heaters	403.4	Heat trap required for vertical pipe risers. Comply with efficiencies in Table 403.4.3.2. Provide switch or clearly marked circuit breaker (electric) or shutoff (gas). Circulating system pipes insulated to = R-2 + accessible manual OFF switch.	✓
Mechanical ventilation	403.5	Homes designed to operate at positive pressure or with mechanical ventilation systems shall not exceed the minimum ASHRAE 62 level. No make-up air from attics, crawlspaces, garages or outdoors adjacent to pools or spas.	✓
Swimming Pools & Spas	403.9	Pool pumps and pool pump motors with a total horsepower (HP) of = 1 HP shall have the capability of operating at two or more speeds. Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency=78% (82% after 4/16/13). Heat pump pool heaters minimum COP= 4.0.	N/A
Cooling/heating equipment	403.6	Sizing calculation performed & attached. Minimum efficiencies per Tables 503.2.3. Equipment efficiency verification required. Special occasion cooling or heating capacity requires separate system or variable capacity system. Electric heat >10kW must be divided into two or more stages.	✓
Ceilings/knee walls	405.2.1	R-19 space permitting.	✓

wrightsoft

Project Summary
Entire House
Bryan Zechor const

Job:
Date: Feb 16, 2015
By:

Project Information

For: Dicks Residence, Touchstone Heating and Air inc
490 se 3rd ave, lake butler, fl 32054
Phone: (386)496-3467 Fax: (386)496-3147
Web: touchstone heatingonline.com Email: rmtouchstone@hotmail.com

Notes:

Design Information

Weather: Gainesville, FL, US

Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

Summer Design Conditions

Outside db	92 °F
Inside db	75 °F
Design TD	17 °F
Daily range	M
Relative humidity	50 %
Moisture difference	52 gr/lb

Heating Summary

Structure	57113 Btuh
Ducts	4178 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	61290 Btuh

Sensible Cooling Equipment Load Sizing

Structure	35781 Btuh
Ducts	4532 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	39104 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	2071	2071
Volume (ft³)	14737	14737
Air changes/hour	0.32	0.16
Equiv. AVF (cfm)	79	39

Latent Cooling Equipment Load Sizing

Structure	41082 Btuh
Ducts	1129 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	42211 Btuh
Equipment total load	81315 Btuh
Req. total capacity at 0.70 SHR	4.7 ton

Heating Equipment Summary

Make	york
Trade	york
Model	YHJF60T4
AHRI ref	7070220

Efficiency	9 HSPF
Heating input	0 Btuh @ 47°F
Heating output	0 °F
Temperature rise	1790 cfm
Actual air flow	0.029 cfm/Btuh
Air flow factor	0 in H2O
Static pressure	
Space thermostat	

Cooling Equipment Summary

Make	york
Trade	york
Cond	YHJF60T4
Coil	AHV60D3X
AHRI ref	7070220

Efficiency	15 SEER
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	1790 cfm
Air flow factor	0.044 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0.49

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

wrightsoft

Load Short Form
Entire House
Bryan Zechor const

Job:
Date: Feb 16, 2015
By:

Project Information

For: Dicks Residence, Touchstone Heating and Air inc
490 se 3rd ave, lake butler, fl 32054
Phone: (386)496-3467 Fax: (386)496-3147
Web: touchstone heatingonline.com Email: rmtouchstone@hotmail.com

Design Information

	Htg	Clg
Outside db (°F)	33	92
Inside db (°F)	70	75
Design TD (°F)	37	17
Daily range	-	M
Inside humidity (%)	30	50
Moisture difference (gr/lb)	11	52

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

HEATING EQUIPMENT

Make	york
Trade	york
Model	YHJF60T4
AHRI ref	7070220

Efficiency	9 HSPF
Heating input	
Heating output	0 Btuh @ 47°F
Temperature rise	0 °F
Actual air flow	1790 cfm
Air flow factor	0.029 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	

COOLING EQUIPMENT

Make	york
Trade	york
Cond	YHJF60T4
Coil	AHV60D3X
AHRI ref	7070220

Efficiency	15 SEER
Sensible cooling	0 Btuh
Latent cooling	0 Btuh
Total cooling	0 Btuh
Actual air flow	1790 cfm
Air flow factor	0.044 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0.49

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Master Bedroom	240	6106	3896	178	173
Master Closett	63	2036	2150	59	95
Master bathroom	255	5905	3137	172	139
his closett	45	1740	776	51	34
dining room	100	6586	4248	192	189
kitchen	120	574	301	17	13
livingroom	480	14788	10349	432	460
utility	54	2325	1389	68	62
Bedroom	210	6155	3228	180	143
Bath	84	2174	1952	64	87
bedroom 2	210	6958	4739	203	210
formal dining	210	5942	4148	174	184

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Entire House	2071	61290	40313	1790	1790
Other equip loads		0	0		
Equip. @ 0.97 RSM			39104		
Latent cooling			42211		
TOTALS	2071	61290	81315	1790	1790

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Bryan Zecher Constructio
Lake City, Florida

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	Thermo-Tru	sytenior hinged doors	FL 5891-R3
B. SLIDING	PGT	sliding glass doors	FL 251-R15
C. SECTIONAL		garage doors	FL 5678-R2
D. ROLL UP			
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	PGT	window	FL 239-R19
B. HORIZONTAL SLIDER	PGT	window	FL 242-R16
C. CASEMENT			
D. DOUBLE HUNG			
E. FIXED	PGT	window	FL 243-R14
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	certainteed	cement fibered siding	FL 1573-R2
B. SOFFITS	Kaycon	aluminum soffit/fascia	FL 12198-R1
C. EIFS	STO	stucco finish	FL 15026-R1
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	certainteed	Arch shingles 30yr.	FL 5444-R3
B. UNDERLAYMENTS	GAF	Tar paper	FL 4911-R3
C. ROOFING FASTENERS	OMG	roofing nails	FL 699-R3
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			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	USPC	anchors	FL 5631-R1
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			
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.

CONTRACTOR'S SIGNATURE
LAKE CITY, FLORIDA

BRYAN ZECHER
PRINT NAME

Alpine, an ITW Company

2400 Lake Orange Drive suite 150 Orlando FL 32837
Florida Engineering Certificate of Authorization Number: 0 278
Florida Certificate of Product Approval # FL1999
 Document ID:1VDT487-Z0109100616

02/09/2015

Truss Fabricator:	Anderson Truss Company
Job Identification:	15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL
Truss Count:	66
Model Code:	Florida Building Code 2014 or 2010
Truss Criteria:	FBC2010Res/TPI-2007(STD)
Engineering Software:	Alpine Software,Version 14.03.
Structural Engineer of Record:	The identity of the structural EOR did not exist as of
Address:	the seal date per section 61G15-31.003(5a) of the FAC
Minimum Design Loads:	Roof - 37.0 PSF @ 1.25 Duration
	Floor - N/A
	Wind - 120 MPH ASCE 7-10 -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: HCUSR9114

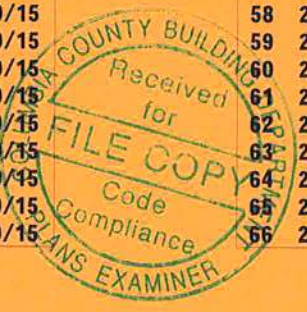
William H. Krick
-Truss Design Engineer-

2400 Lake Orange Dr, Suite 150
Orlando FL, 32837

Details: BRCLBSUB-12015EC1-GBLLETIN-GABRST10-VAL16010-

#	Ref Description	Drawing#	Date
1	24012--A 51' Common	15040057	02/09/15
2	24013--A1 51' Common	15040058	02/09/15
3	24014--B 26'11" Common	15040059	02/09/15
4	24015-BDG 26'11" Gable	15040060	02/09/15
5	24016--C 21'5"8 Common	15040061	02/09/15
6	24017-CDG 21'5"8 Gable	15040062	02/09/15
7	24018--CJ1 1' End Jack	15040063	02/09/15
8	24019-CJ1A 2'9"7 End J	15040064	02/09/15
9	24020--CJ1B 1'3"7 Jack	15040065	02/09/15
10	24021--CJ1C 1'3"7 Jack	15040066	02/09/15
11	24022--CJ1D 2'2"3 Jack	15040067	02/09/15
12	24023--CJ3 3' Jack	15040068	02/09/15
13	24024-CJ3A 4'10"3 End	15040069	02/09/15
14	24025--CJ3B 3'3"7 Jack	15040070	02/09/15
15	24026--CJ3C 3'3"7 Jack	15040071	02/09/15
16	24027--CJ3D 5' Jack	15040072	02/09/15
17	24028--CJ5 5' Jack	15040073	02/09/15
18	24029--CJ5A 4'8"8 Jack	15040074	02/09/15
19	24030-D 7' Common Gird	15040075	02/09/15
20	24031--DDG 7' Gable	15040076	02/09/15
21	24032--EJ7 7' End Jack	15040077	02/09/15
22	24033-EJ7A 7' End Jack	15040078	02/09/15
23	24034-EJ7B 7' End Jack	15040079	02/09/15
24	24035-EJ7C 7' End Jack	15040080	02/09/15
25	24036-EJ7D 7' End Jack	15040081	02/09/15
26	24037-H1 13'6" Stepdow	15040082	02/09/15
27	24038-H11 51' Stepdown	15040083	02/09/15
28	24039-H11A 46'10"4 Com	15040084	02/09/15
29	24040-H13 51' Stepdown	15040085	02/09/15
30	24041-H13A 46'10"4 Com	15040086	02/09/15
31	24042-H15 51' Stepdown	15040087	02/09/15
32	24043-H15A 46'10"4 Com	15040088	02/09/15
33	24044-H17 51' Stepdown	15040089	02/09/15

#	Ref Description	Drawing#	Date
34	24045-H17A 46'10"4 Com	15040090	02/09/15
35	24046-H19A 46'10"4 Com	15040091	02/09/15
36	24047-H2 13'6" Stepdow	15040092	02/09/15
37	24048--H23A 51' Common	15040093	02/09/15
38	24049--H27 51' Common	15040094	02/09/15
39	24050--H29 51' Common	15040095	02/09/15
40	24051--H37 51' Special	15040096	02/09/15
41	24052-H7 50'8"8 Stepdo	15040097	02/09/15
42	24053-H7A 51' Mono Hip	15040122	02/09/15
43	24054-H9 50'8"8 Stepdo	15040098	02/09/15
44	24055-H9A 46'10"4 Comm	15040099	02/09/15
45	24056-HJ1 1'5" Hip Jac	15040100	02/09/15
46	24057-HJ7 9'10"13 Hip	15040101	02/09/15
47	24058-HJ7A 7'5"11 Hip	15040102	02/09/15
48	24059-HJ7B 6'5"8 Hip J	15040103	02/09/15
49	24060-PB 18'8"9 Specia	15040104	02/09/15
50	24061-PB1 18'8"9 Speci	15040105	02/09/15
51	24062-PB10 17'6"8 Comm	15040106	02/09/15
52	24063-PB11 17'6"8 Comm	15040107	02/09/15
53	24064-PB12 17'6"8 Comm	15040108	02/09/15
54	24065-PB13 17'6"8 Comm	15040109	02/09/15
55	24066-PB14 17'6"8 Comm	15040110	02/09/15
56	24067-PB15 17'6"8 Comm	15040111	02/09/15
57	24068-PB2 18'8"9 Speci	15040112	02/09/15
58	24069-PB3 18'8"9 Speci	15040113	02/09/15
59	24070-PB4 18'8"9 Comm	15040114	02/09/15
60	24071-PB5 20'5"7 Comm	15040115	02/09/15
61	24072-PB6 20'5"7 Comm	15040116	02/09/15
62	24073-PB7 20'5"7 Comm	15040117	02/09/15
63	24074-PB8 20'5"7 Comm	15040118	02/09/15
64	24075-PB9 20'5"7 Speci	15040119	02/09/15
65	24076-PBB 3'5"11 Comm	15040120	02/09/15
66	24077-PBB1 3'5"11 Gabl	15040121	02/09/15



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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - A 51' Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B2 2x4 SP M-30:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

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

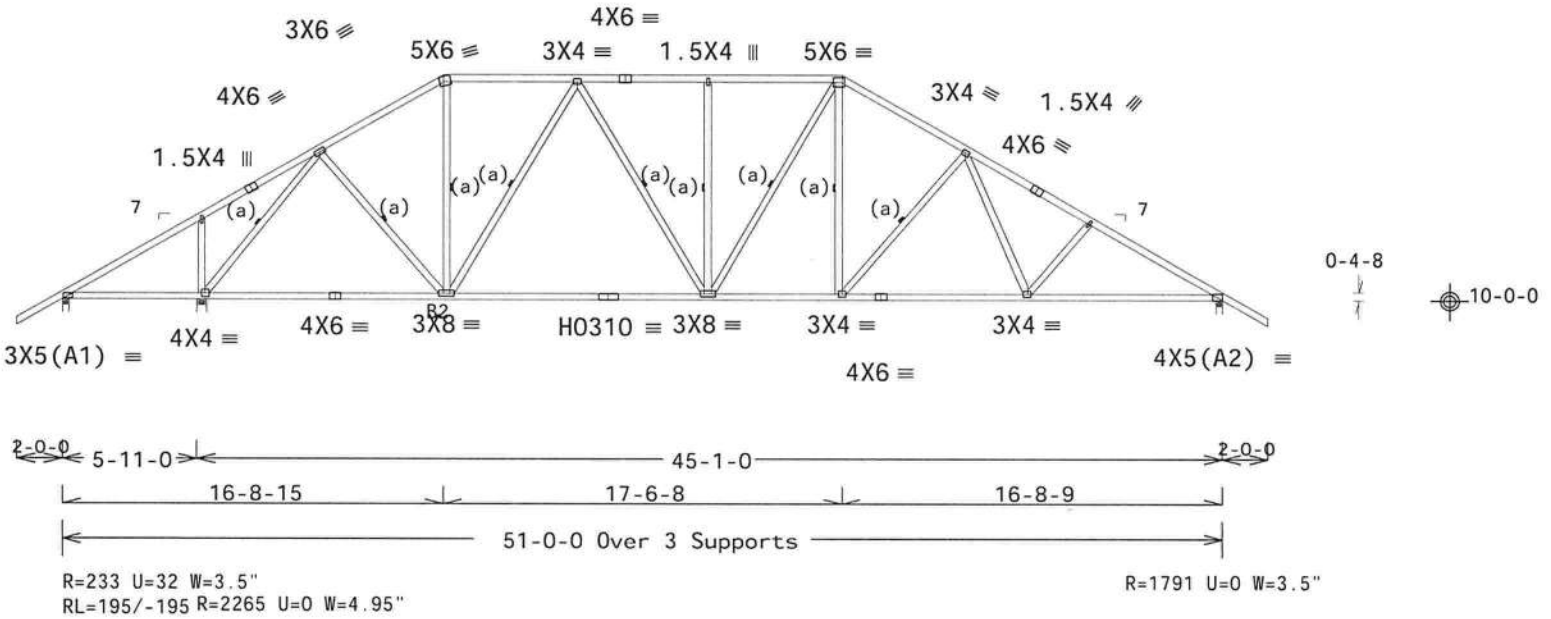
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral restraint equally spaced on member.

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.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 14.03-01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

WARNING! READ AND FOLLOW ALL NOTES ON THIS DRAWING!
IMPORTANT FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.

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Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing 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 and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24012
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040057
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395018
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - A1 51' Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B2 2x4 SP M-30:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

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

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

Negative reaction(s) of -403# MAX. (See below) from a non-wind load case requires uplift connection.

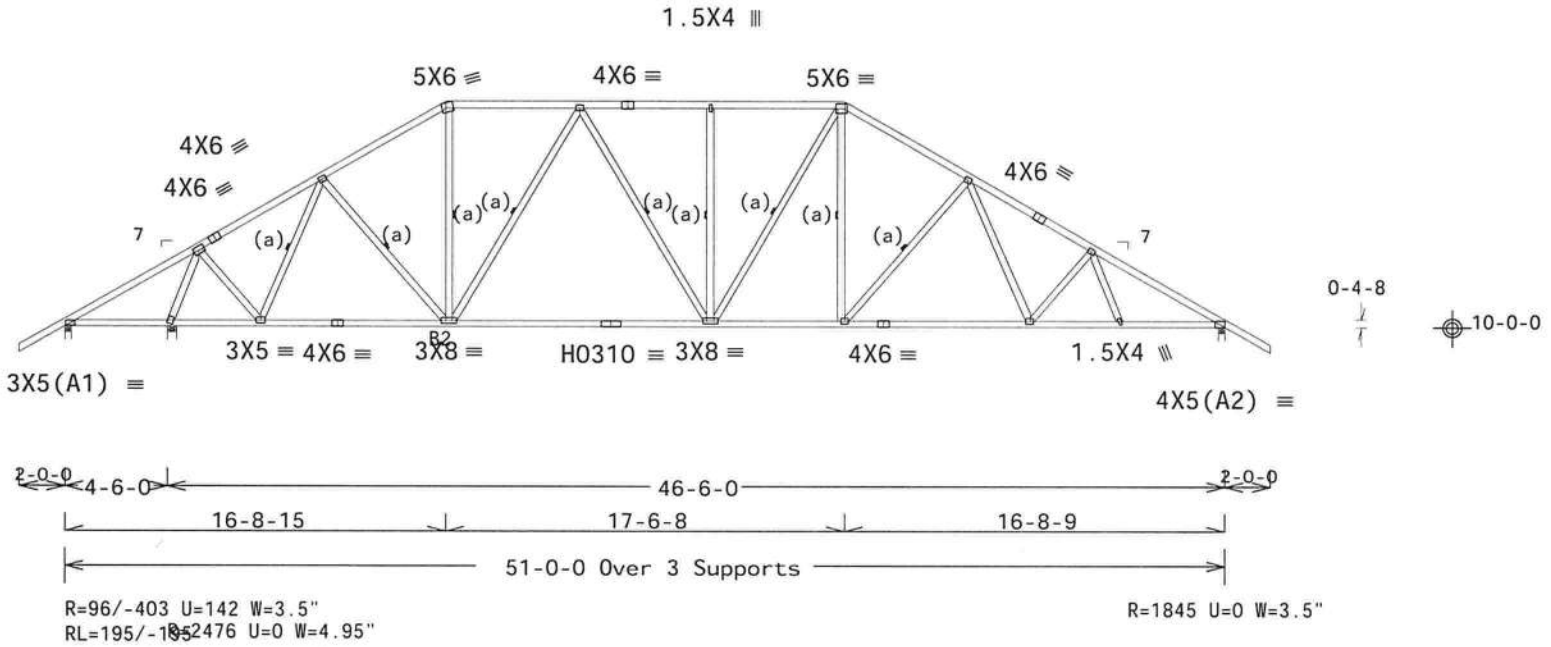
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

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

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 14-03-01,0-02-23 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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For more information see this job's general notes page and these web sites:
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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24013
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040058
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395019
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - B 26'11" Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E :T2, T4 2x6 SP M-26:
:T3 2x4 SP #1:
Bot chord 2x10 SP 2400f-2.0E :B1 2x10 SP #1 Dense:
:B2 2x4 SP #1:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

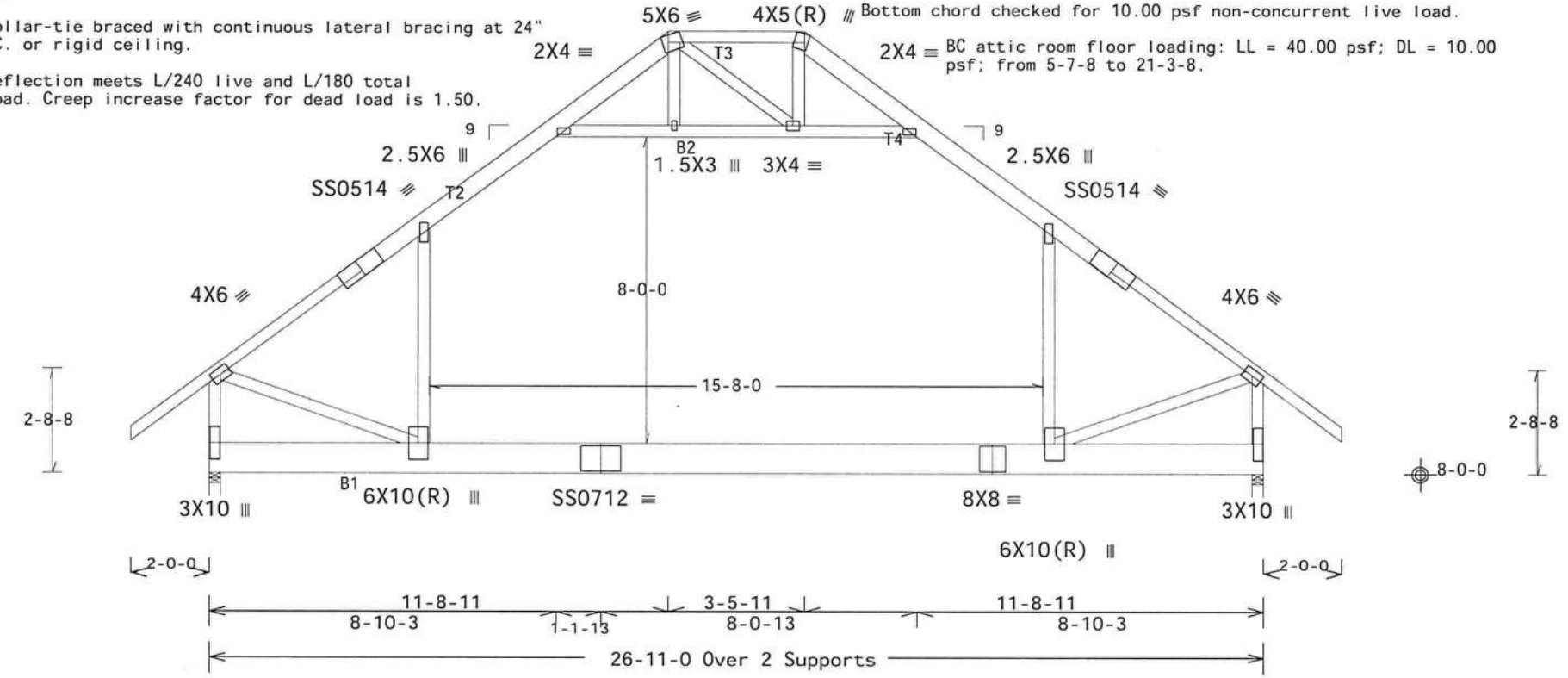
Wind loads and reactions based on MWFRS with additional C&C member design.

End verticals not exposed to wind pressure.

Calculated horizontal deflection is 0.27" due to live load and 0.42" due to dead load.

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

BC attic room floor loading: LL = 40.00 psf; DL = 10.00 psf; from 5-7-8 to 21-3-8.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 18 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 14.03-07.04.22.23 | QTY:13 FL/-/5/-/-/R/- | Scale =.25"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24014
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040059
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 394253
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - BDG 26'11" Gable)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3 :W2, W3 2x4 SP #1:
:Stack Chord SC1 2x4 SP #1::Stack Chord SC2 2x4 SP #1:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

End verticals not exposed to wind pressure.

See DWGS A12015ENC101014, GBLLETIN1014, & GABRST101014 for gable wind bracing requirements.

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

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

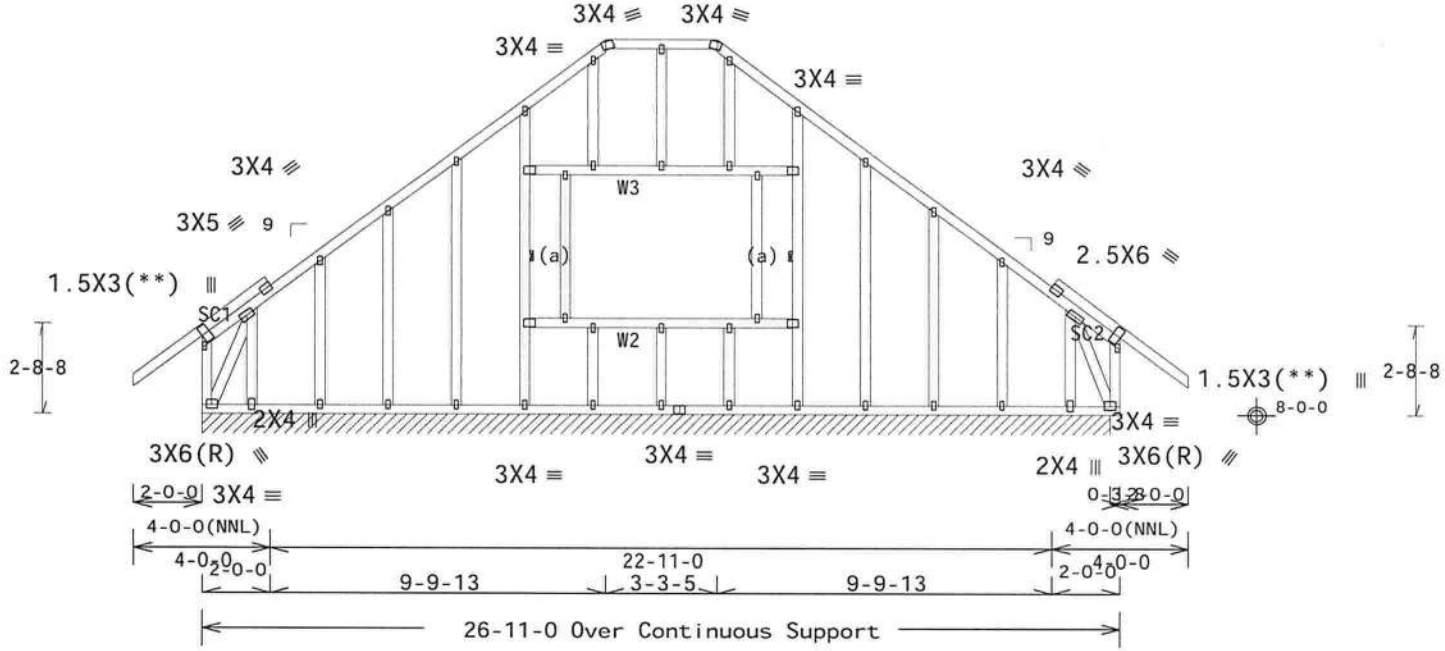
Wind loads and reactions based on MWFRS with additional C&C member design.

Truss designed to support 2-0-0 top chord outlookers and 10.00 PSF cladding load one face, and 24.0" span on opposite face. Top chord must not be cut or notched.

(a) Continuous lateral restraint 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.



R=234 PLF U=17 PLF W=26-7-8
RL=15/-15 PLF

Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03-01.04.22.23 QTY:1 FL/-/5/-/-/R/- Scale =.1875"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24015
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040060
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 394227
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - C 21'5"8 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

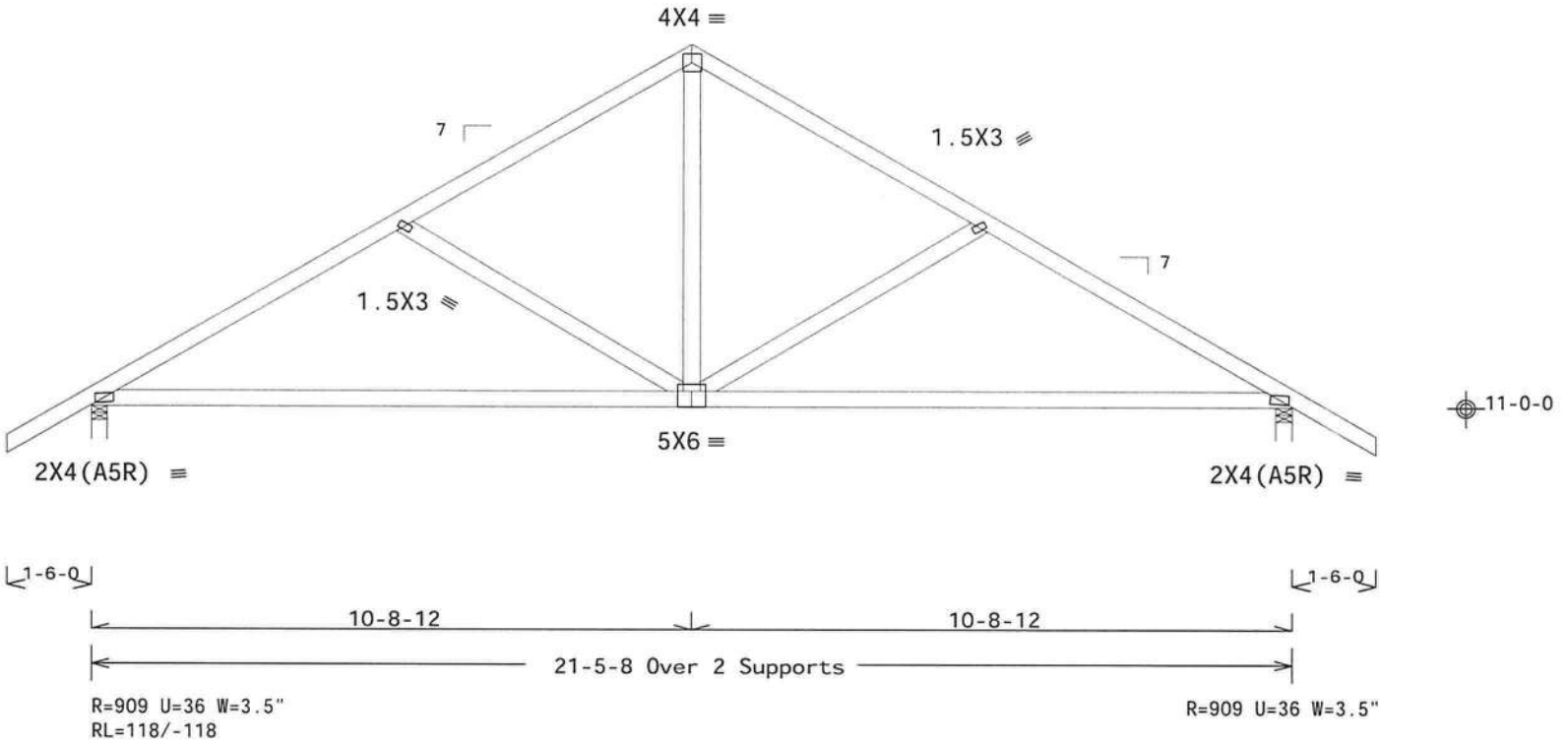
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.02.01.1120.16 | QTY:2 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

ALPINE
AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24016
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040061
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391090
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CDG 21'5"8 Gable)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #1::Stack Chord SC2 2x4 SP #1:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

See DWGS A12015ENC101014, GBLLETIN1014, & GABRST101014 for gable wind bracing requirements.

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

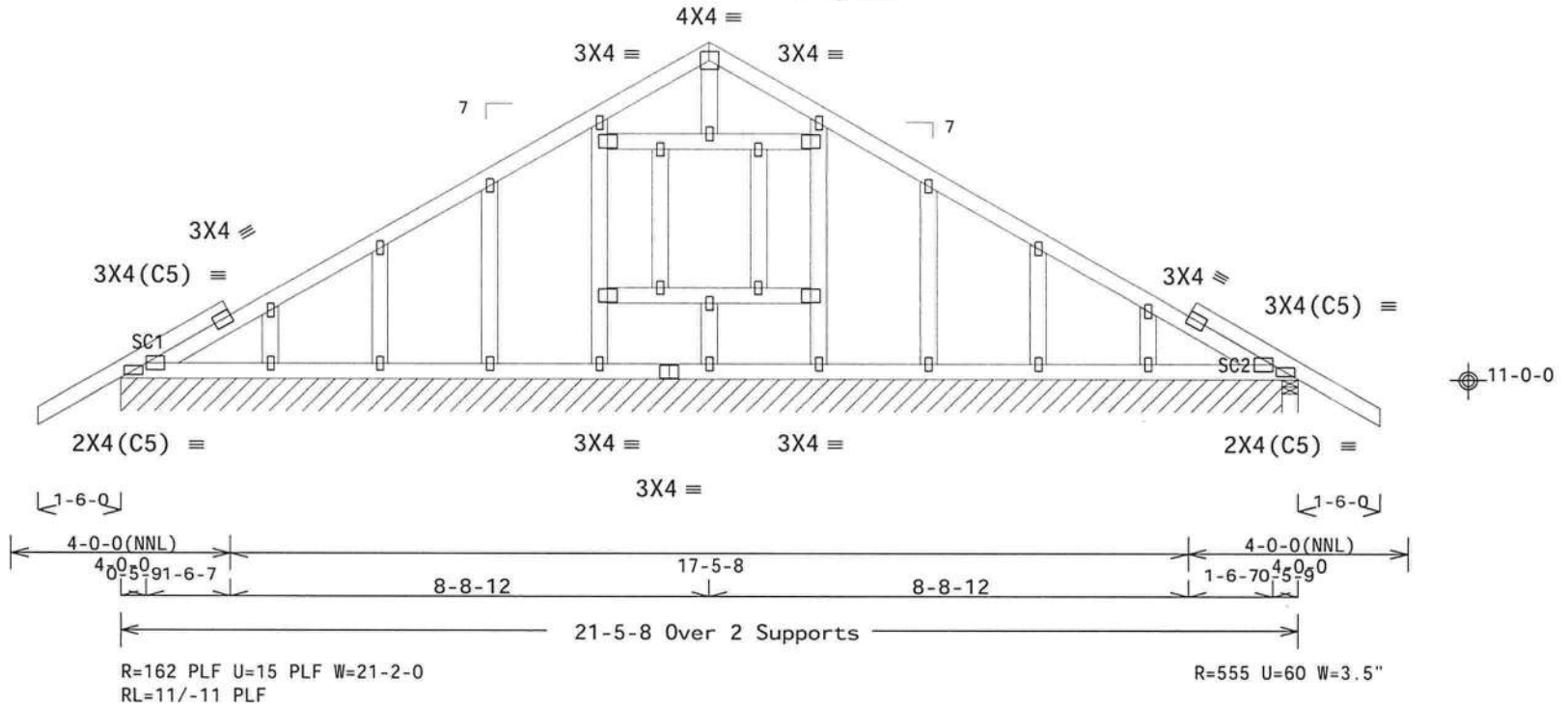
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Truss designed to support 2-0-0 top chord outlookers and 10.00 PSF cladding load one face, and 24.0" span on opposite face. Top chord must not be cut or notched.

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



Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.3125"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24017
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040062
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 394586
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ1 1' End Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

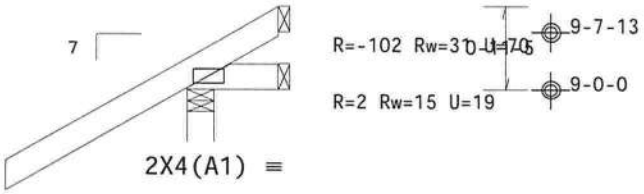
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

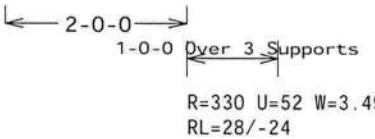
Bottom chord checked for 10.00 psf non-concurrent live load.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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





Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01.1120.16 QTY:9 FL/-/5/-/-/R/- Scale =.5"/Ft.

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24018
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040063
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 391099
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ1A 2'9"7 End Jack)

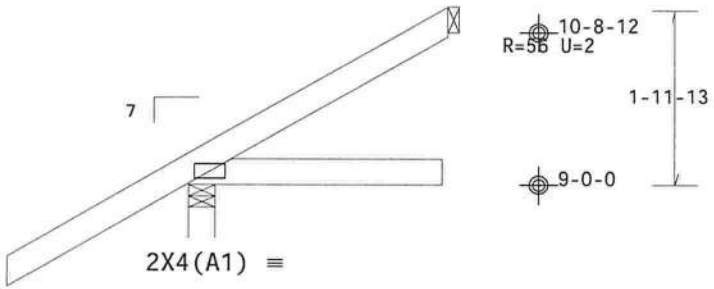
Top chord 2x4 SP 2850f-2.3E
Bot chord 2x4 SP 2850f-2.3E

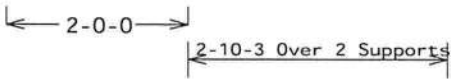
Bottom chord checked for 10.00 psf non-concurrent live load.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.





R=288 U=21 W=3.5"
RL=46/-28

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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02/09/2015

TC LL	20.0 PSF	REF	R9114- 24019
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040064
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395020
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ1B 1'3"7 Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

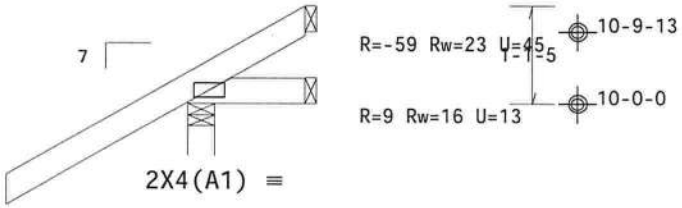
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

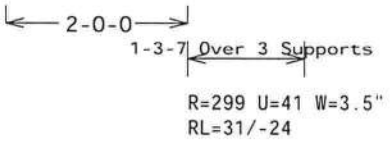
Bottom chord checked for 10.00 psf non-concurrent live load.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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





Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE AN ITW COMPANY

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FL COA #0 278

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02/09/2015

TC LL	20.0 PSF	REF	R9114- 24020
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040065
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391114
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ1C 1'3"7 Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

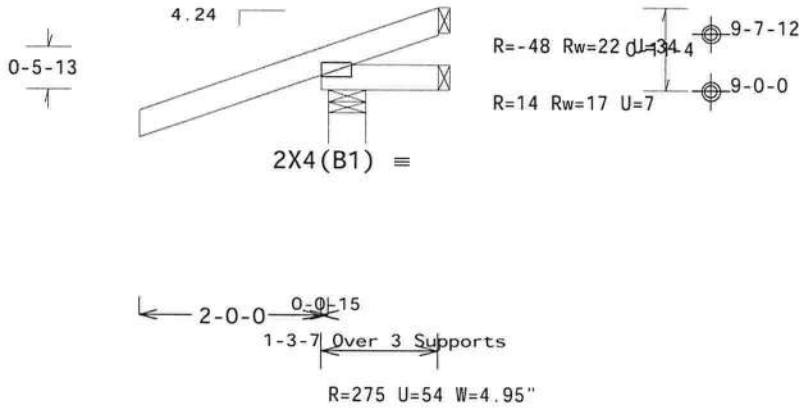
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE AN ITW COMPANY

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FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24021
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040066
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395021
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ1D 2'2"3 Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP M-30
Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

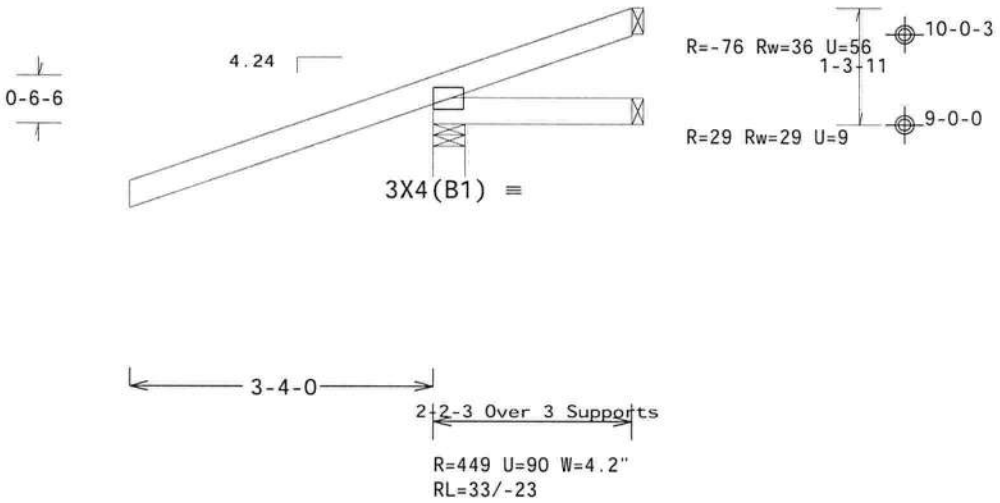
Bottom chord checked for 10.00 psf non-concurrent live load.

Top chord overhangs have been checked only for loads as indicated.
Overhangs not checked for man loads or long-term deflection.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24022
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040067
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395022
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ3 3' Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

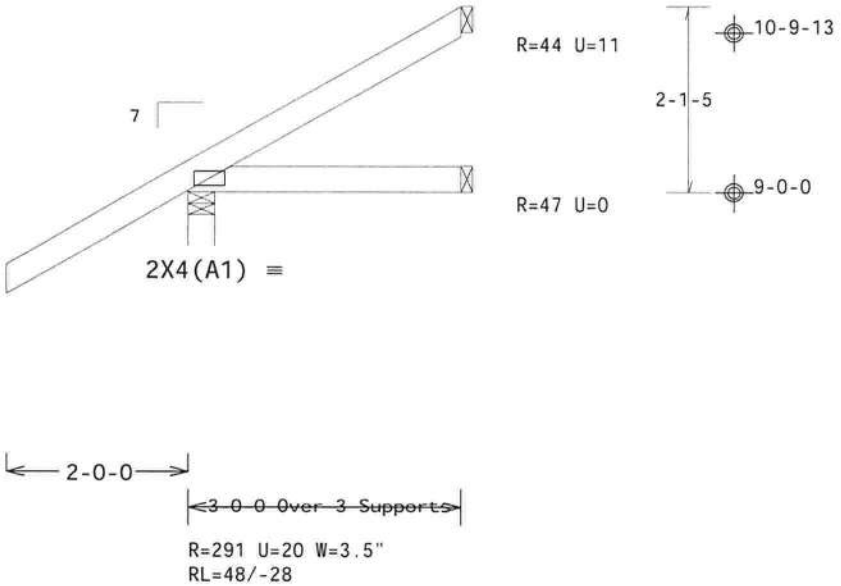
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:2 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24023
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040068
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391102
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ3A 4'10"3 End Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

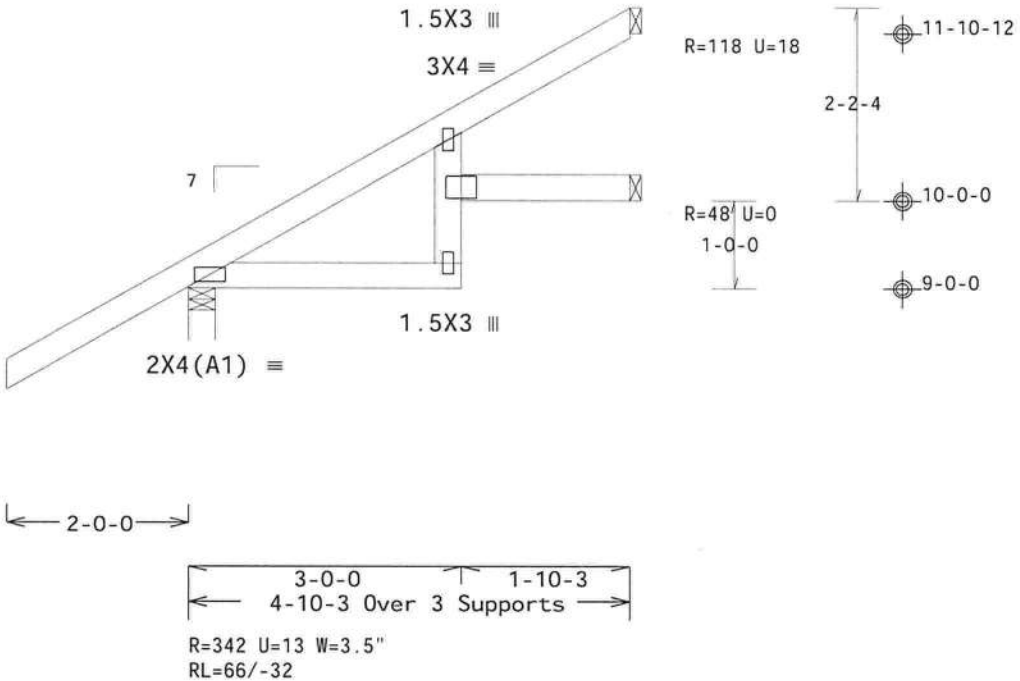
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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Orlando, FL 32837
FL COA #0 278

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No. 70861
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PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24024
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040069
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395023
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ3B 3'3"7 Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

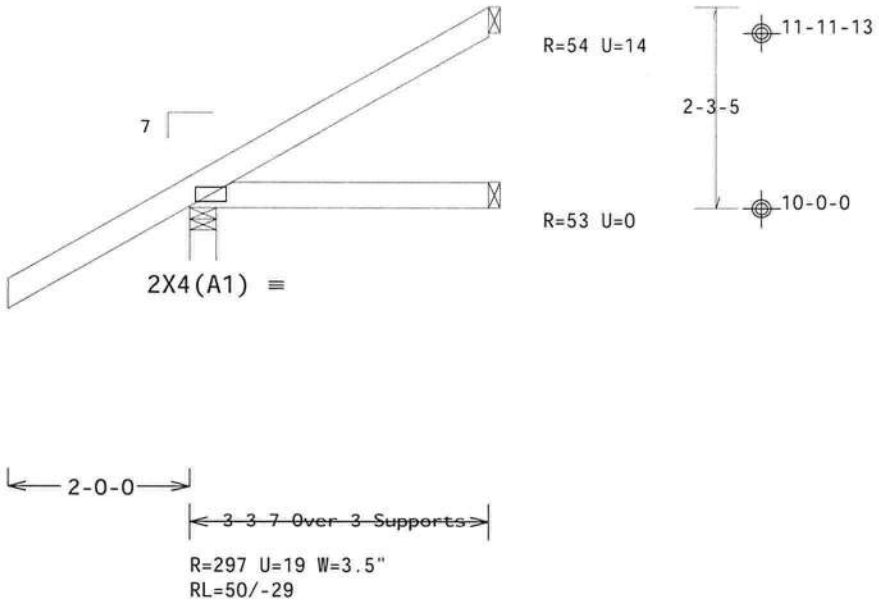
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24025
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040070
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391111
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ3C 3'3"7 Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

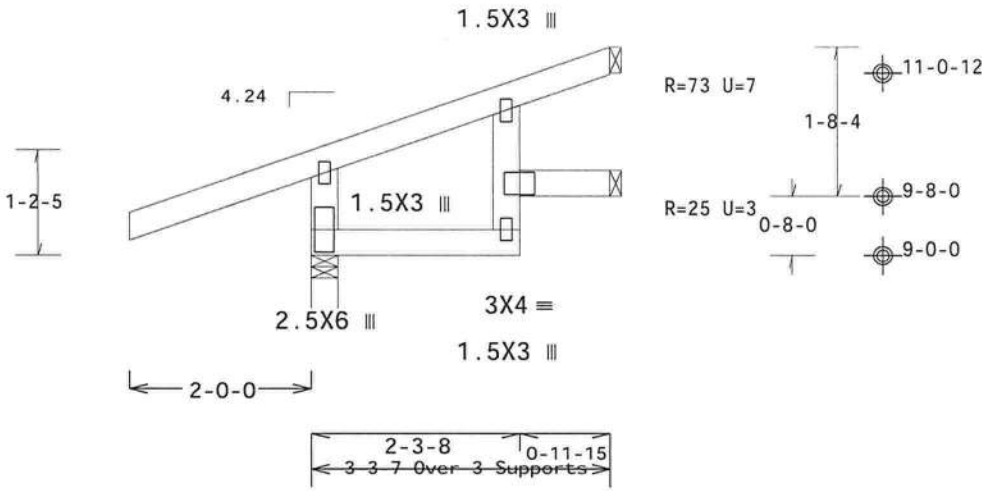
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

Fasten rated sheathing to one face of this frame.



R=277 U=23 W=3.5"
RL=31

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

TC LL	20.0 PSF	REF	R9114- 24026
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040071
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395024
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ3D 5' Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

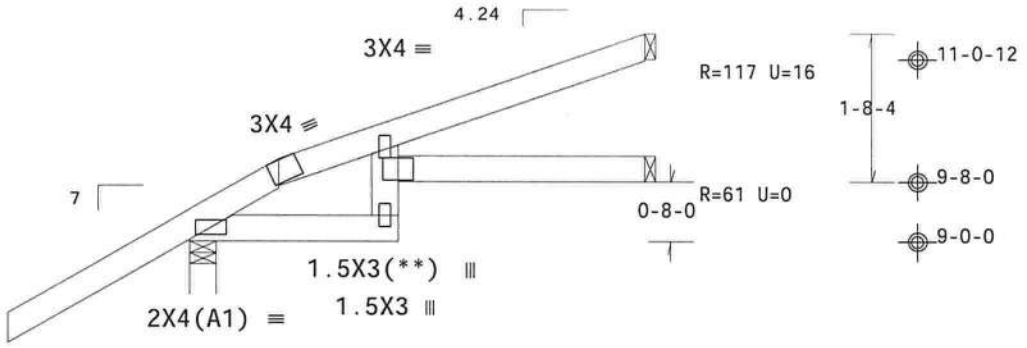
Bottom chord checked for 10.00 psf non-concurrent live load.

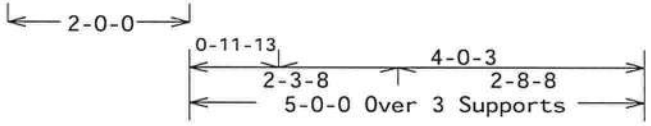
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.





R=344 U=21 W=3.5"
RL=51/-28

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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02/09/2015

TC LL	20.0 PSF	REF	R9114- 24027
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040072
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395025
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ5 5' Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

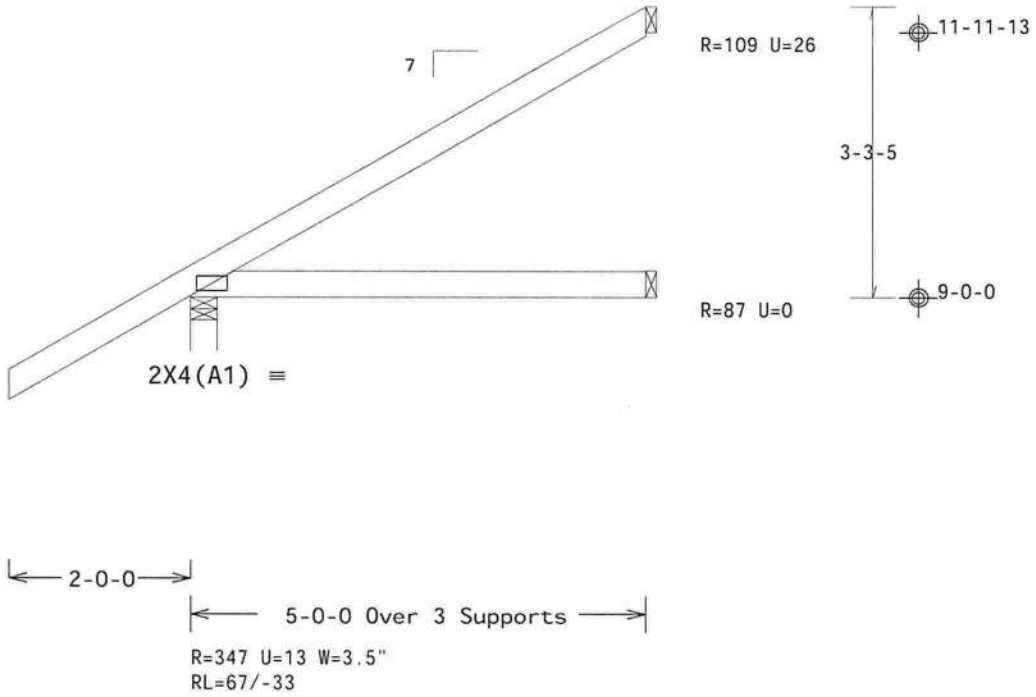
Bottom chord checked for 10.00 psf non-concurrent live load.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R9114- 24028
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040073
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391117
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - CJ5A 4'8"8 Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

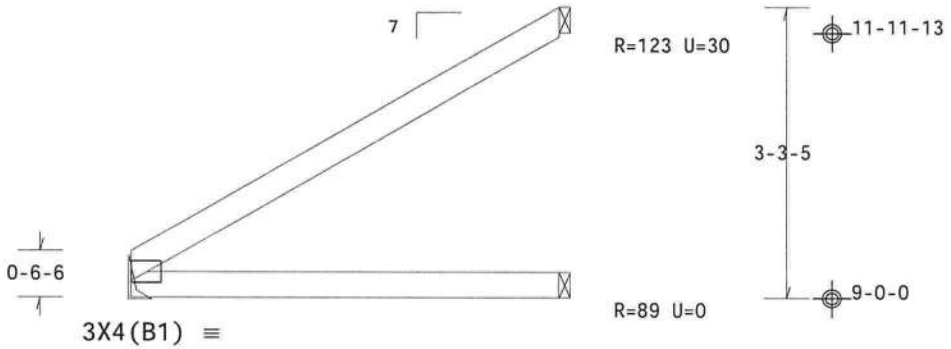
(J) Hanger Support Required, by others

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



4-8-8 Over 3 Supports

R=183 U=0
RL=45
H=H1

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R9114- 24029
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040074
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391105
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - D 7' Common Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E
Bot chord 2x4 SP 2850f-2.3E
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at 0.00 to 56 plf at 3.50
TC- From 56 plf at 3.50 to 56 plf at 7.00
BC- From 10 plf at 0.00 to 10 plf at 7.00
BC- 1635.64 lb Conc. Load at 1.31
BC- 3799.82 lb Conc. Load at 3.25
BC- 182.76 lb Conc. Load at 5.29

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

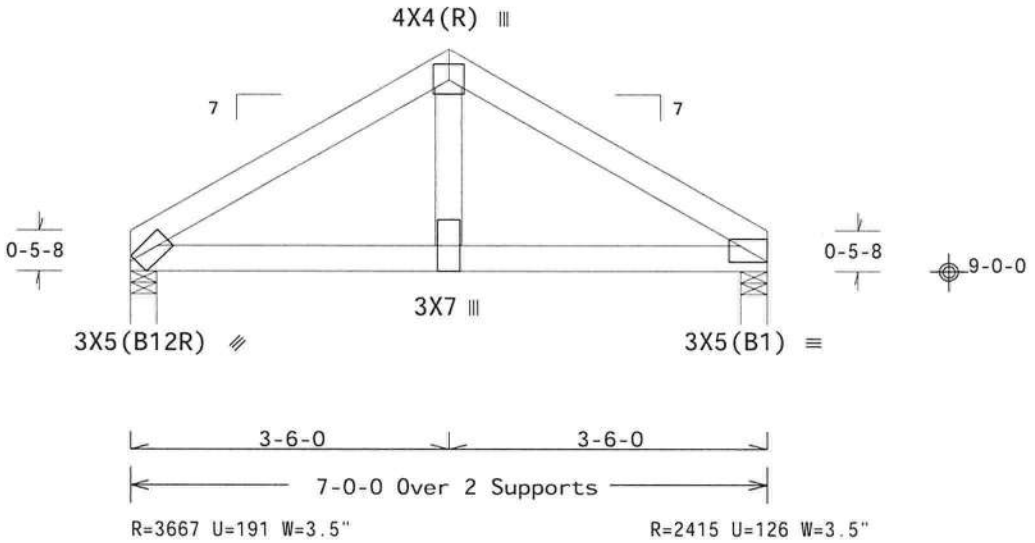
2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @ 2.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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02/09/2015

TC LL	20.0 PSF	REF	R9114- 24030
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040075
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394959
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - DDG 7' Gable)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3
:Stack Chord SC1 2x4 SP #1::Stack Chord SC2 2x4 SP #1:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

See DWGS A12015ENC101014, GBLLETIN1014, & GABRST101014 for gable wind bracing requirements.

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

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

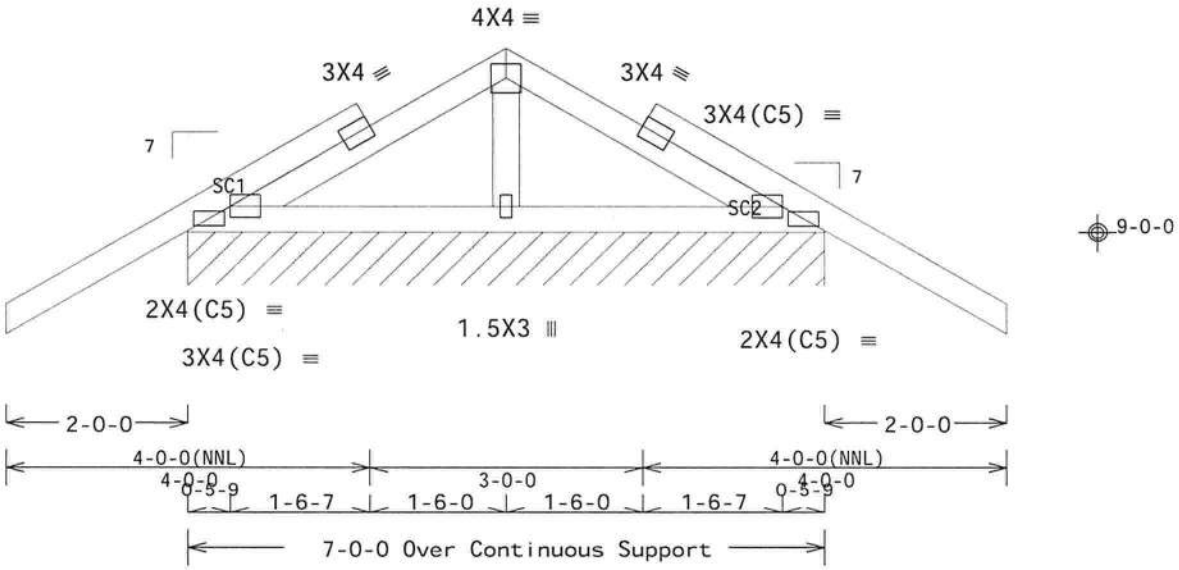
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Truss designed to support 2-0-0 top chord outlookers and 10.00 PSF cladding load one face, and 24.0" span on opposite face. Top chord must not be cut or notched.

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



R=219 PLF U=126 PLF W=7-0-0
RL=18/-18 PLF

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R9114- 24031
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040076
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391147
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - EJ7 7' End Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

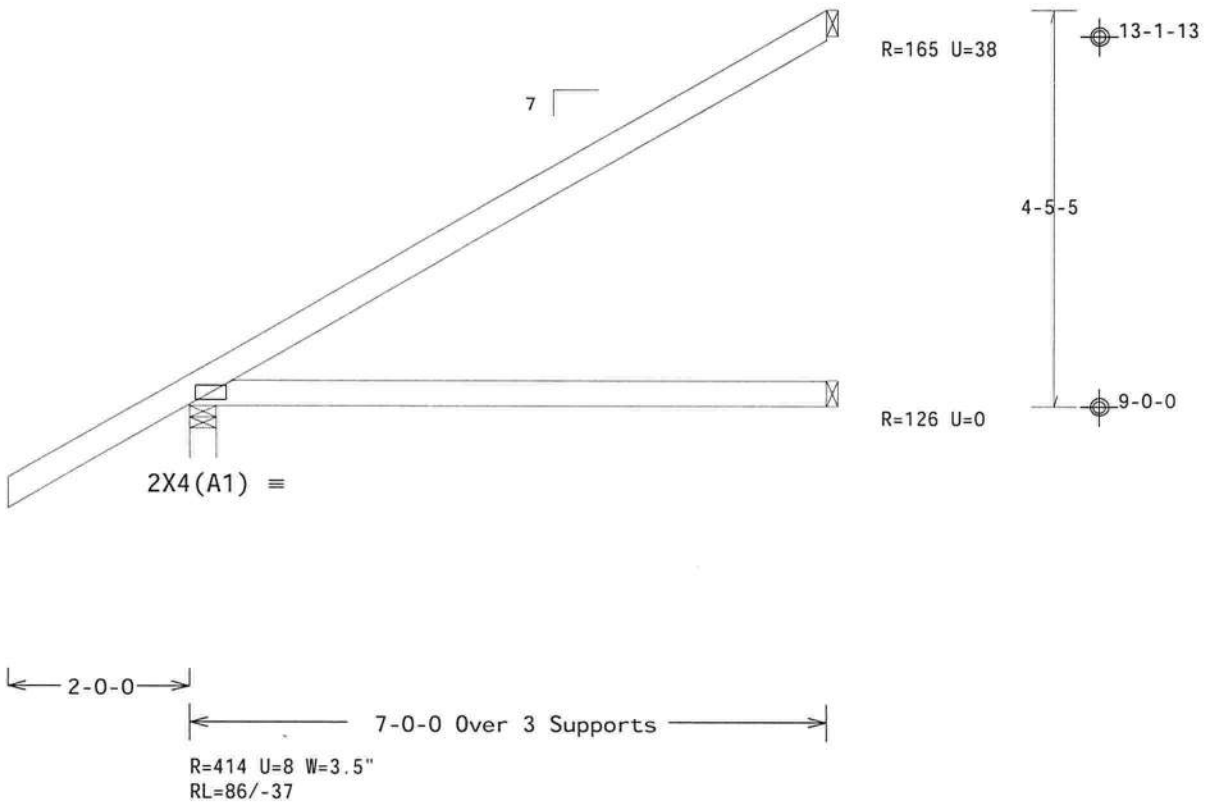
Bottom chord checked for 10.00 psf non-concurrent live load.

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:29 FL/-/5/-/-/R/- | Scale =.5"/Ft.

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TC LL	20.0 PSF	REF	R9114- 24032
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040077
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394976
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - EJ7A 7' End Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

These support conditions used at bearings indicated
(H1) = LU24 w/ (1)2x4 SP #1 supporting member.
(4) 0.148"x3" nails into supporting member,
(2) 0.148"x1.5" nails into supported member.

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

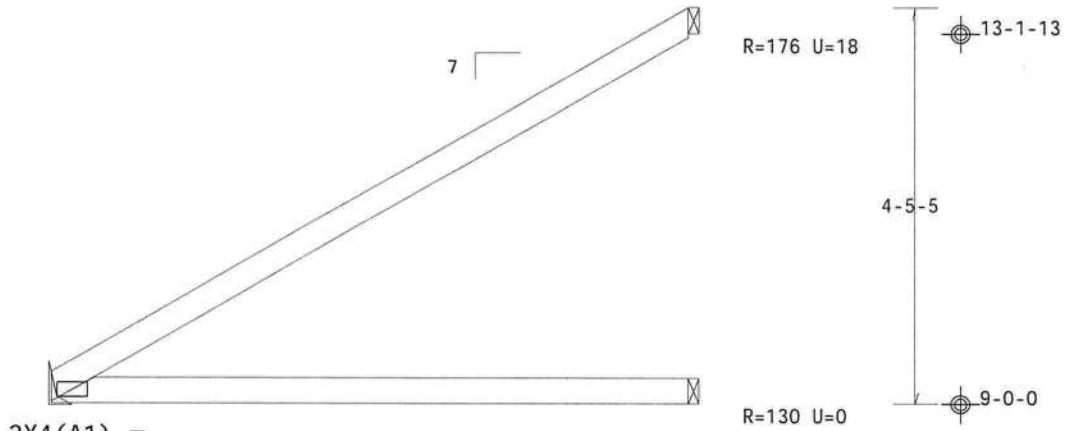
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

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

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



7-0-0 Over 3 Supports

R=272 U=0
RL=45
H=H1

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:7 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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02/09/2015

TC LL	20.0 PSF	REF	R9114- 24033
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040078
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391096
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - EJ7B 7' End Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

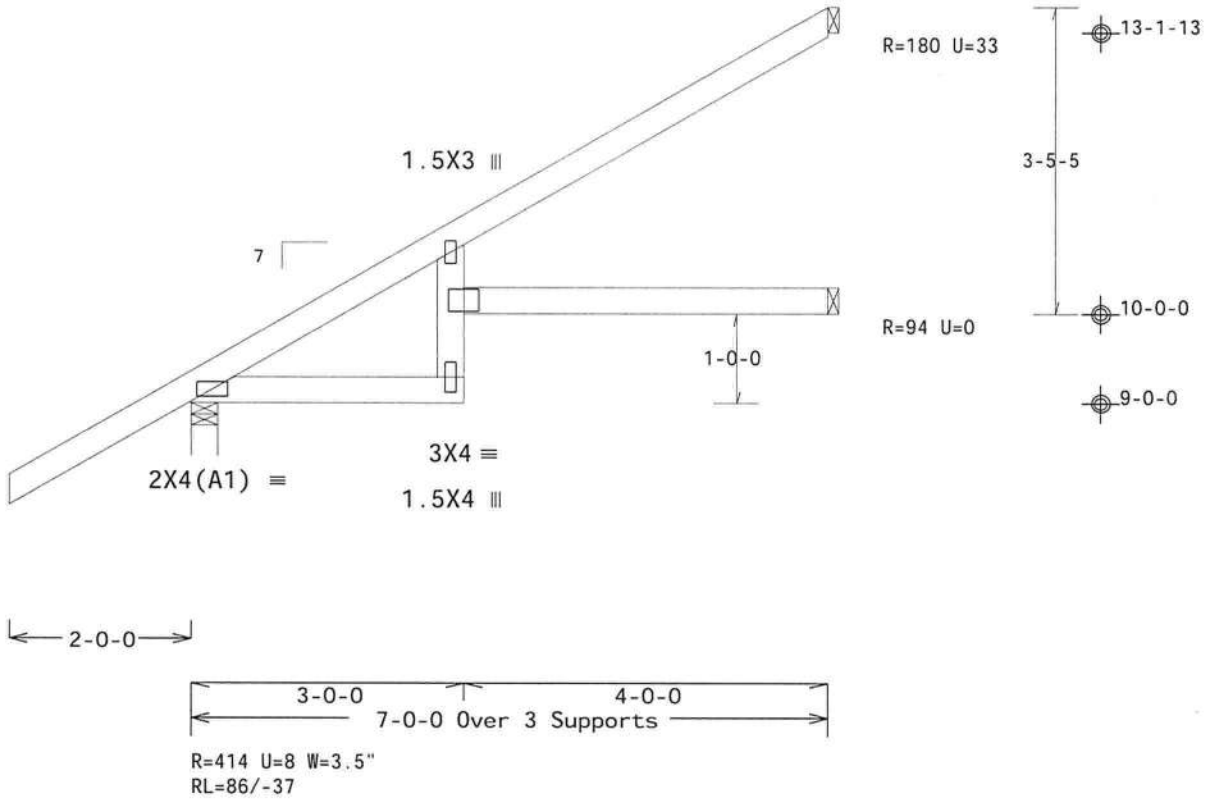
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24034
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040079
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395026
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - EJ7C 7' End Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

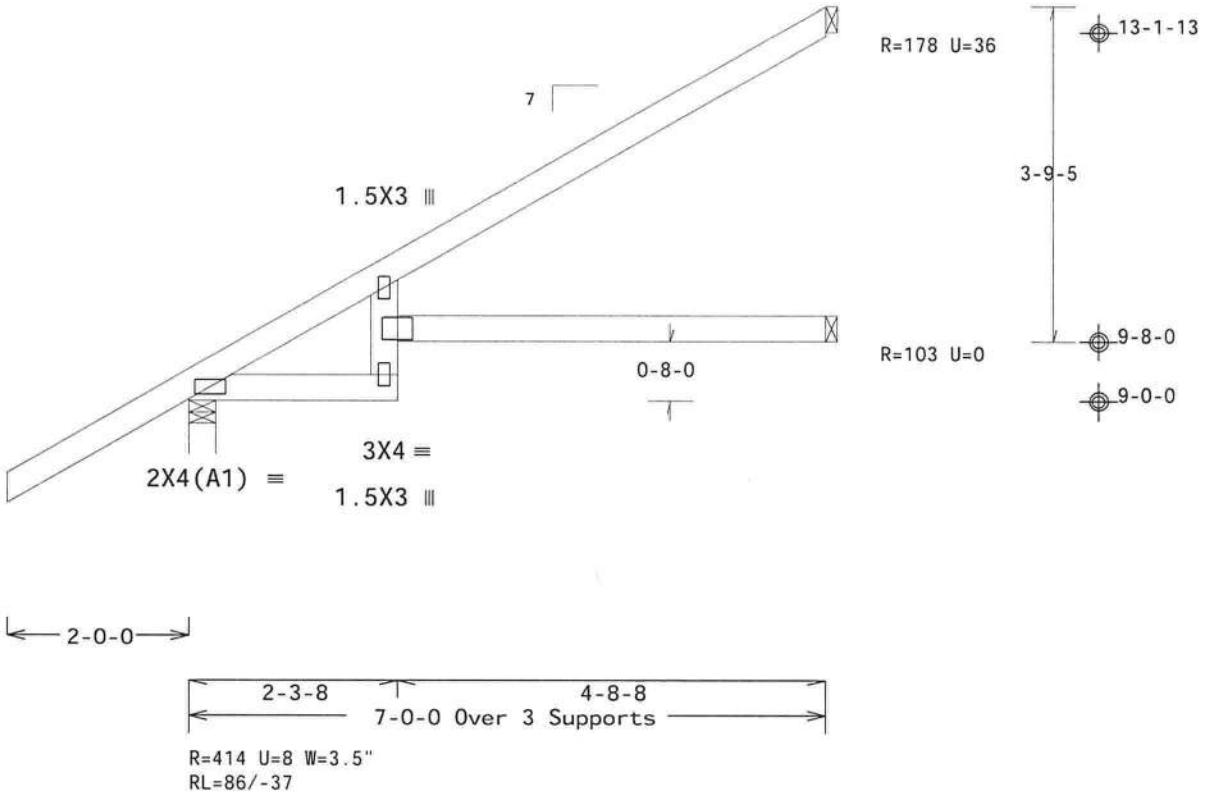
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:6 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24035
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040080
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 394970
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - EJ7D 7' End Jack)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

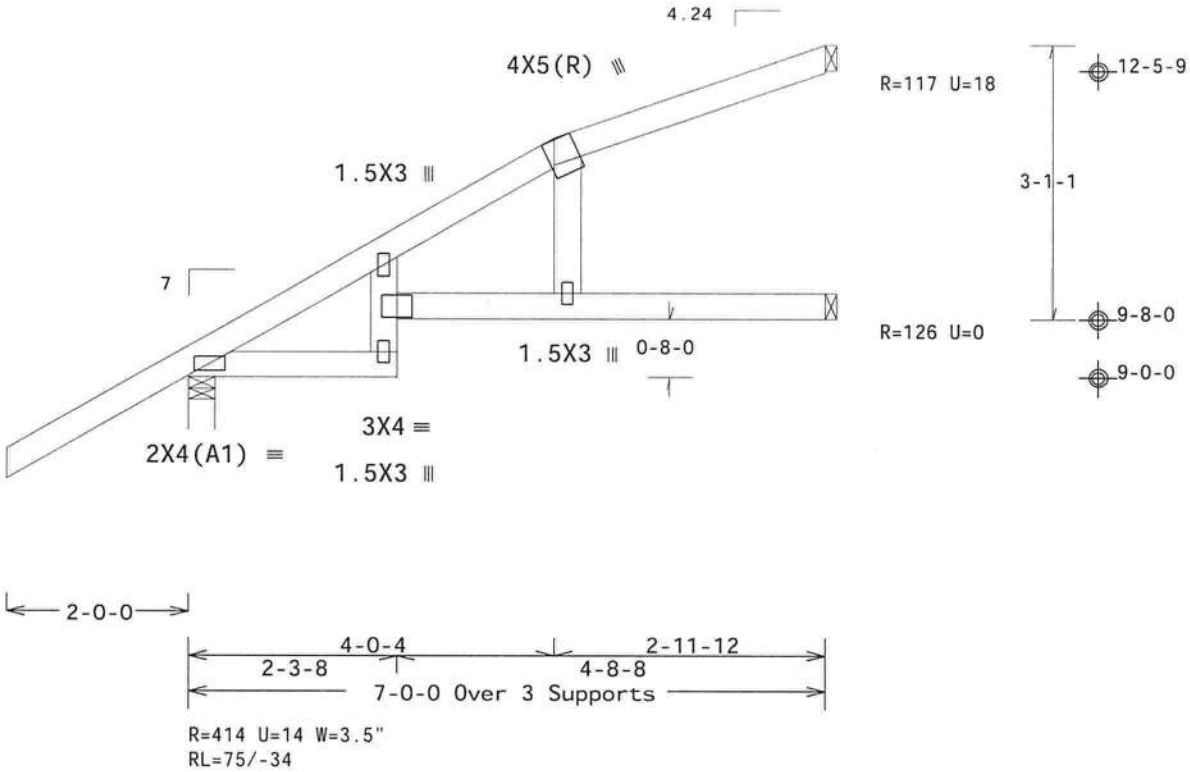
Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24036
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040081
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395027
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H1 13'6" Stepdown Hip Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

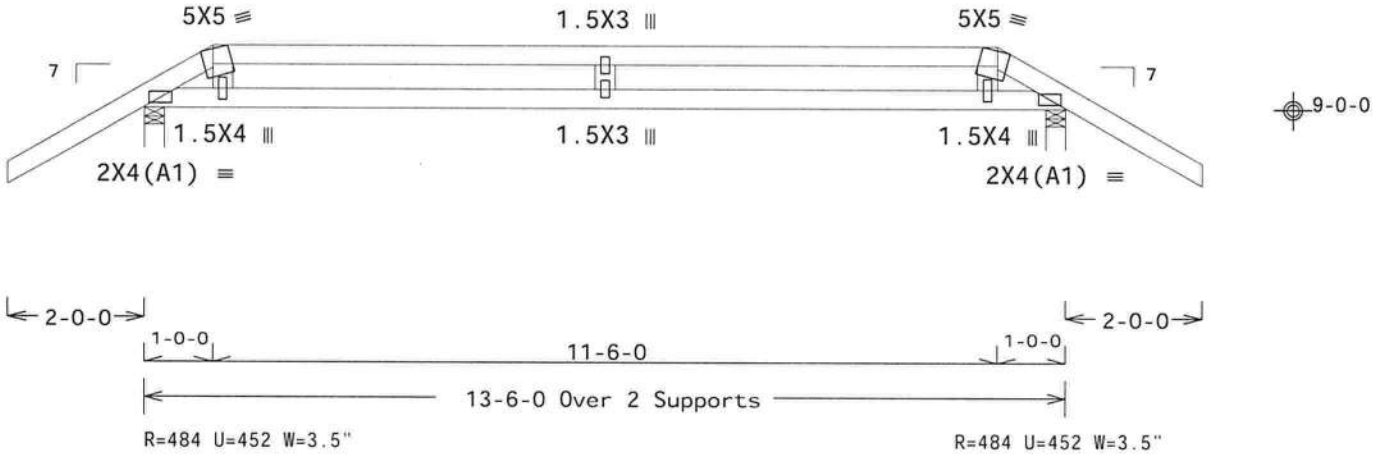
Wind loads and reactions based on MWFRS.

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

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at -2.00 to 56 plf at 1.00
TC- From 28 plf at 1.00 to 28 plf at 12.50
TC- From 56 plf at 12.50 to 56 plf at 15.50
BC- From 5 plf at -2.00 to 5 plf at 0.00
BC- From 10 plf at 0.00 to 10 plf at 13.50
BC- From 5 plf at 13.50 to 5 plf at 15.50
TC- -65.88 lb Conc. Load at 1.04,12.46
TC- -34.29 lb Conc. Load at 3.09, 5.09, 6.75, 8.41 10.41
BC- -0.73 lb Conc. Load at 1.04,12.46
BC- 0.91 lb Conc. Load at 3.09, 5.09, 6.75, 8.41 10.41

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01.120.16 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER 02/09/2015

TC LL	20.0 PSF	REF	R9114- 24037
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040082
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391125
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H11 51' Stepdown Hip)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B3 2x4 SP 2850f-2.3E:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

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

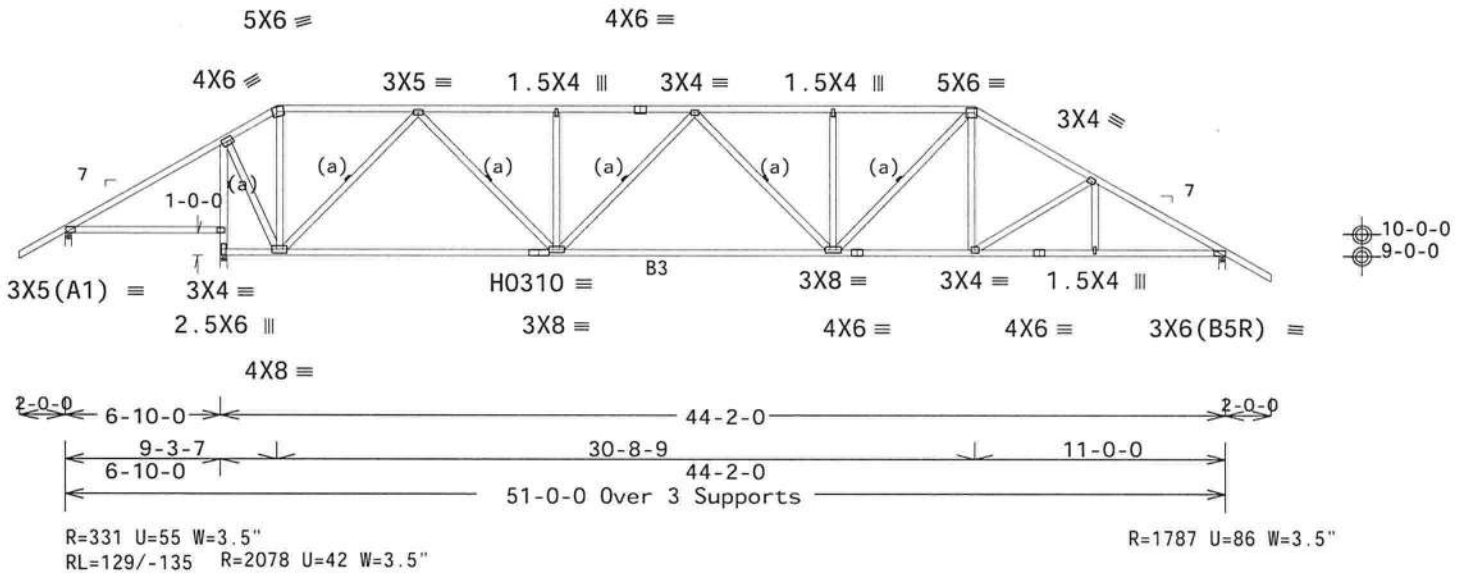
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral restraint equally spaced on member.

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.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 14-08-01,0122-23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/09/2015

TC LL	20.0 PSF	REF R9114- 24038
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040083
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 395028
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H11A 46'10"4 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B3, B4 2x4 SP 2850f-2.3E:
Webs 2x4 SP #3 :W11 2x4 SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

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

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

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

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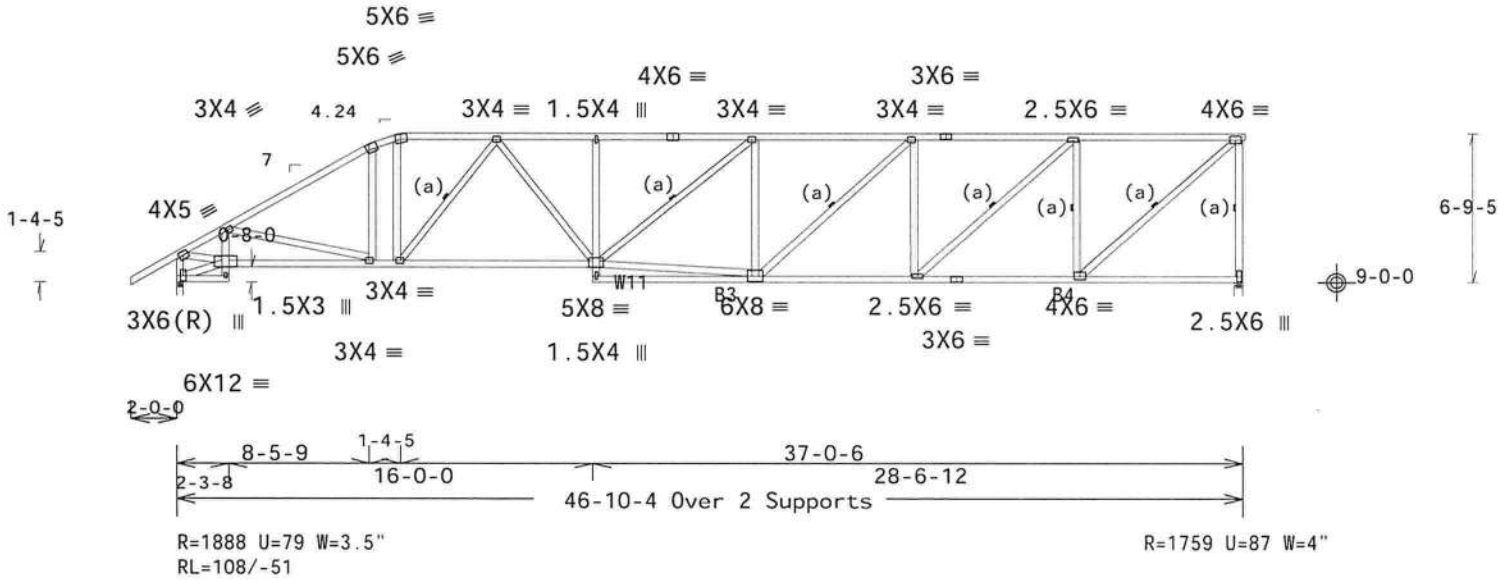

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14 06 01 0122 23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24039
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040084
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395065
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H13 51' Stepdown Hip)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B2, B3 2x4 SP 2850f-2.3E:
:B4 2x4 SP M-30:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

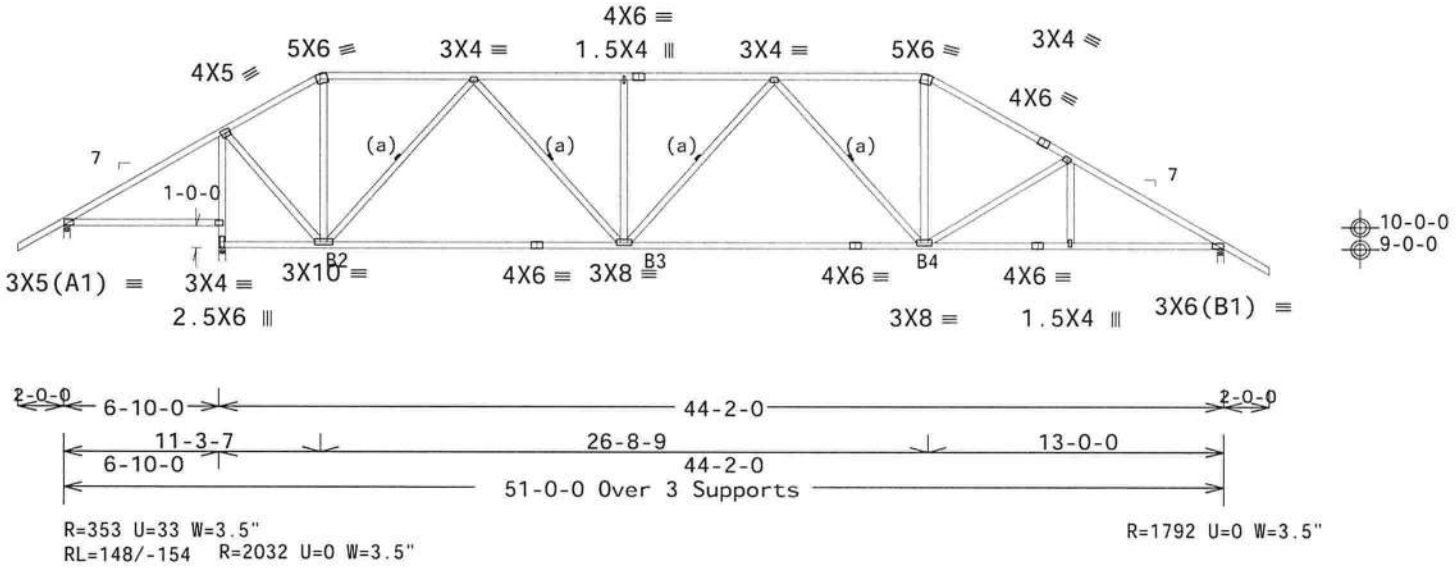
Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral restraint equally spaced on member.

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

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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2400 Lake Orange Dr., Suite 150
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FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24040
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040085
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395030
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H13A 46'10"4 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1 :B3, B4 2x4 SP 2850f-2.3E:
Webs 2x4 SP #3 :W9 2x4 SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

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

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

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

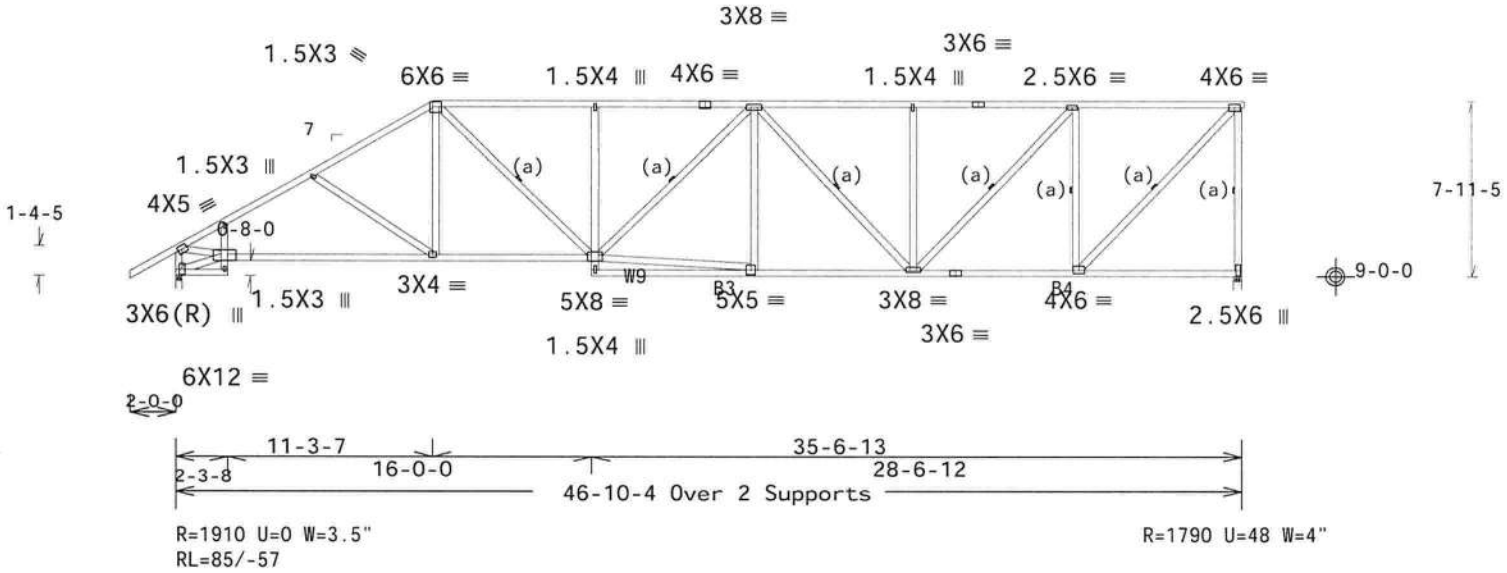
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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Orlando, FL 32837
FL COA #0 278

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24041
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040086
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395070
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H15 51' Stepdown Hip)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x6 SP #2 :B1 2x6 SP #1 Dense:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

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

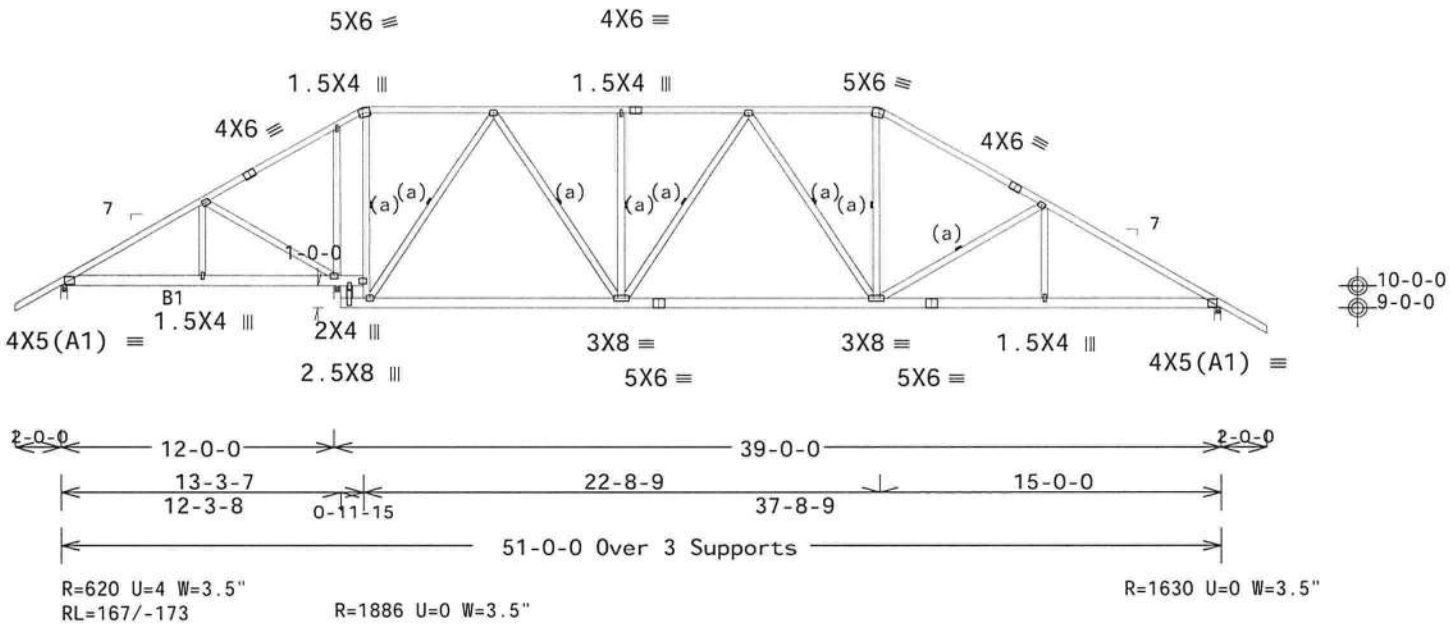
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral restraint equally spaced on member.

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.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/09/2015

TC LL	20.0 PSF	REF	R9114- 24042
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040087
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394480
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H15A 46'10"4 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP 2850f-2.3E :B1 2x4 SP #1:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

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

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

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

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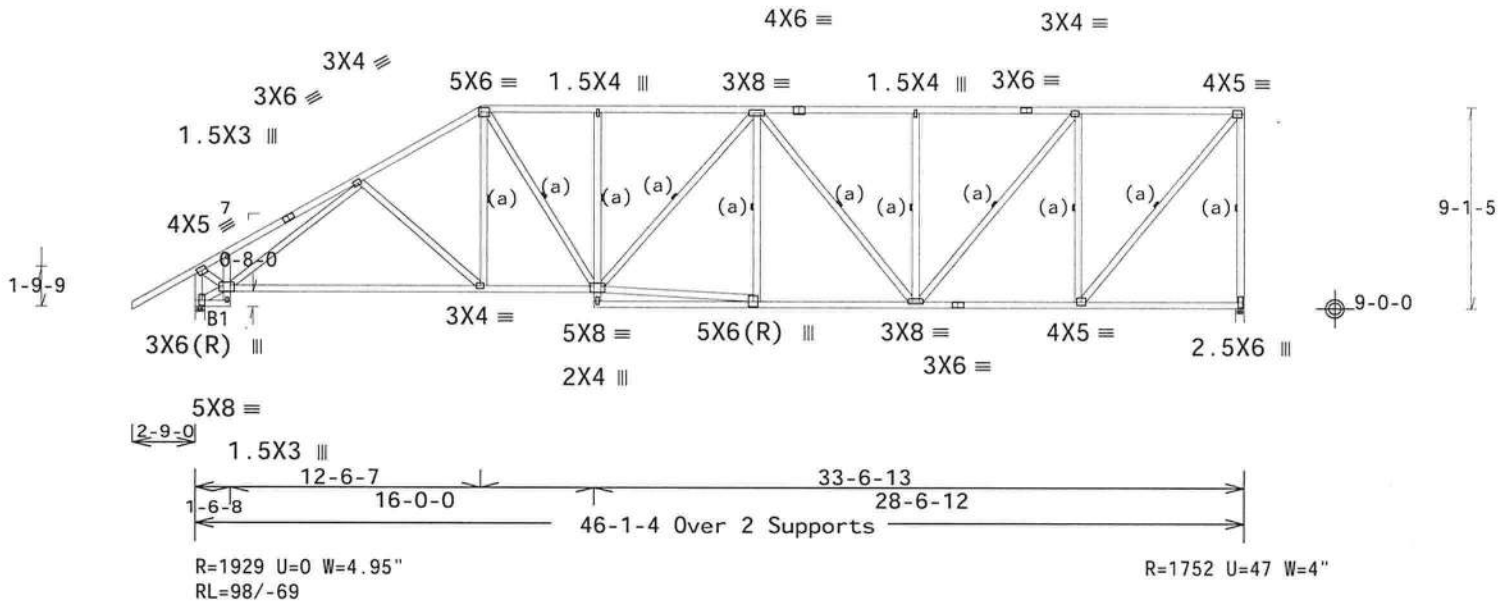

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24043
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040088
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395075
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H17 51' Stepdown Hip)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x6 SP #2 :B2, B3 2x6 SP M-26:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

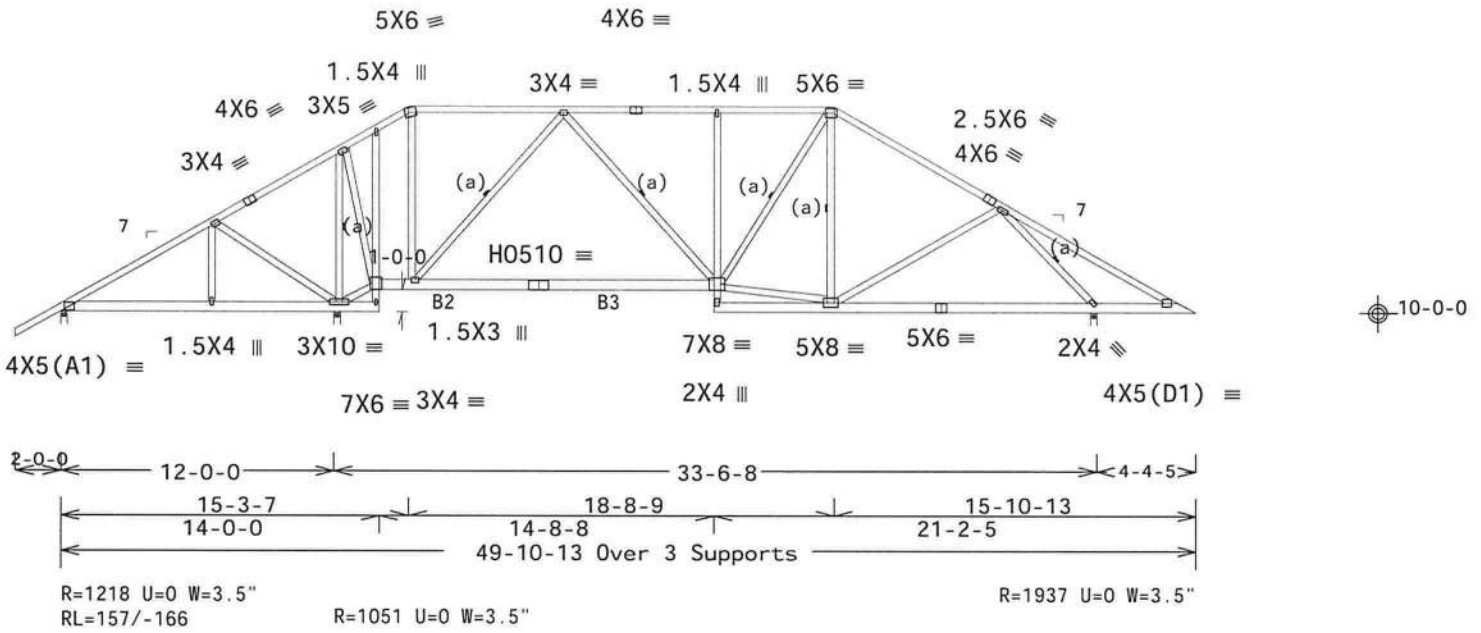
Wind loads and reactions based on MWFRS with additional C&C member design.

Right cantilever is exposed to wind

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.

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.



10-0-0

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave FT/RT=10%(0%)/0(0) 14-06-01 0122.23 QTY:5 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/09/2015

TC LL	20.0 PSF	REF	R9114- 24044
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040089
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394962
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H17A 46'10"4 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 :T5 2x4 SP 2850f-2.3E:
Bot chord 2x4 SP 2850f-2.3E :B1, B4 2x4 SP #1:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

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

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

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

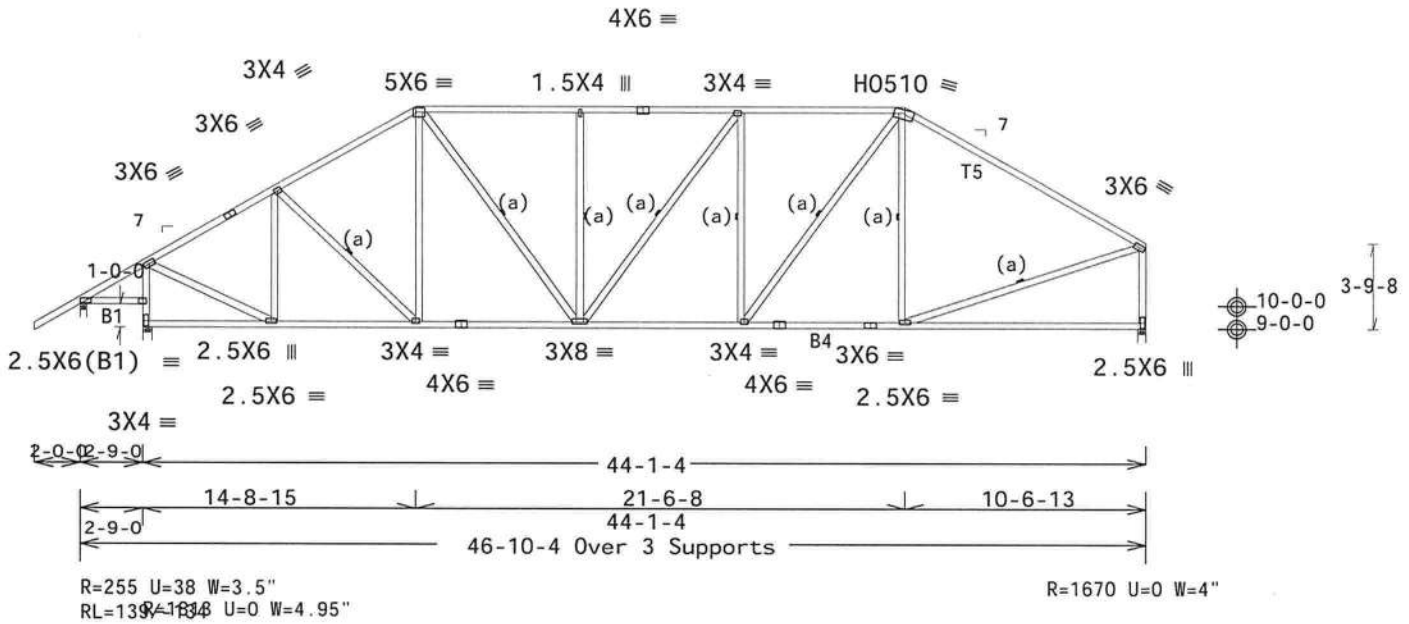
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 14.08.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

ALPINE AN ITW COMPANY
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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24045
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040090
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395084
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H19A 46'10"4 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint 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. Creep increase factor for dead load is 1.50.

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

Negative reaction(s) of -330# MAX. (See below) from a non-wind load case requires uplift connection.

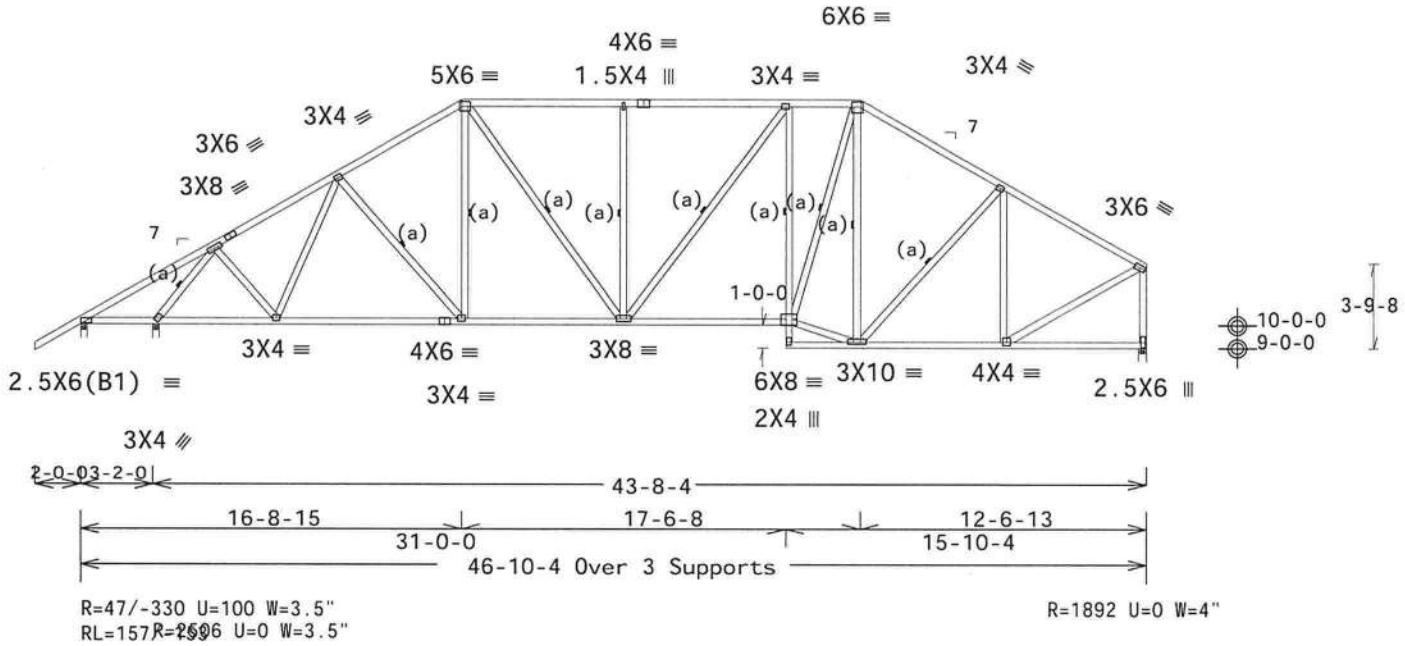
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.08-01.0122.23 | QTY:2 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24046
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040091
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394749
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H2 13'6" Stepdown Hip Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 4.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

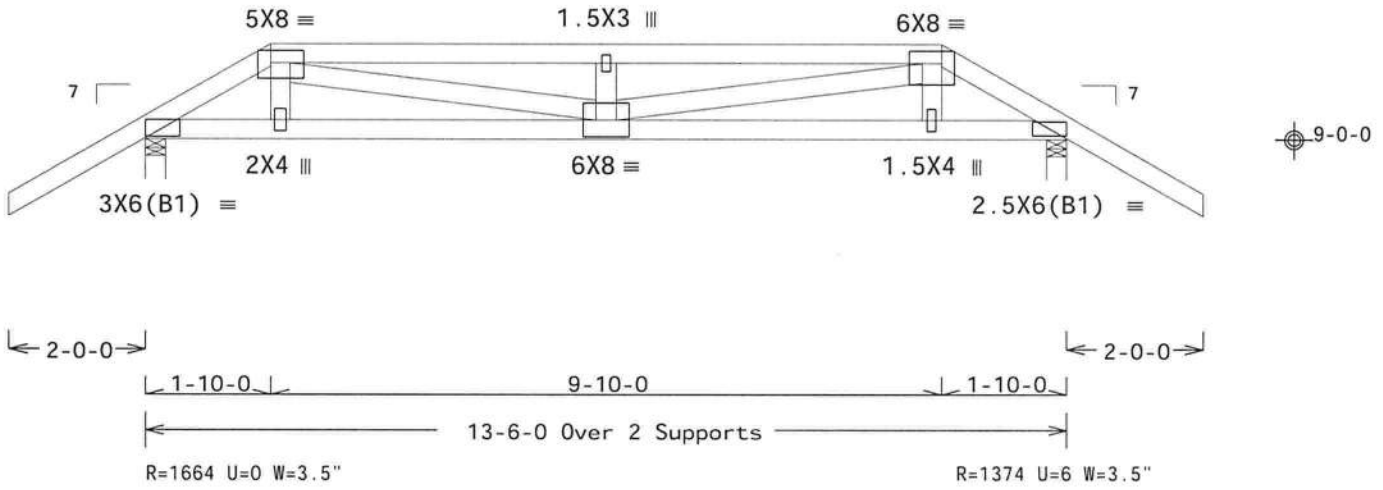
In lieu of structural panels use purlins to brace all flat TC @ 24" OC.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at -2.00 to 56 plf at 1.83
TC- From 56 plf at 1.83 to 56 plf at 11.67
TC- From 56 plf at 11.67 to 56 plf at 15.50
BC- From 5 plf at -2.00 to 5 plf at 0.00
BC- From 10 plf at 0.00 to 10 plf at 13.50
BC- From 5 plf at 13.50 to 5 plf at 15.50
BC- 271.57 lb Conc. Load at 0.85, 2.14, 3.44, 5.44 7.44, 9.44,11.44

Wind loads and reactions based on MWFRS.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.1120.16 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24047
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040092
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 391108
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H23A 51' Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint 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.

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.

Negative reaction(s) of -519# MAX. (See below) from a non-wind load case requires uplift connection.

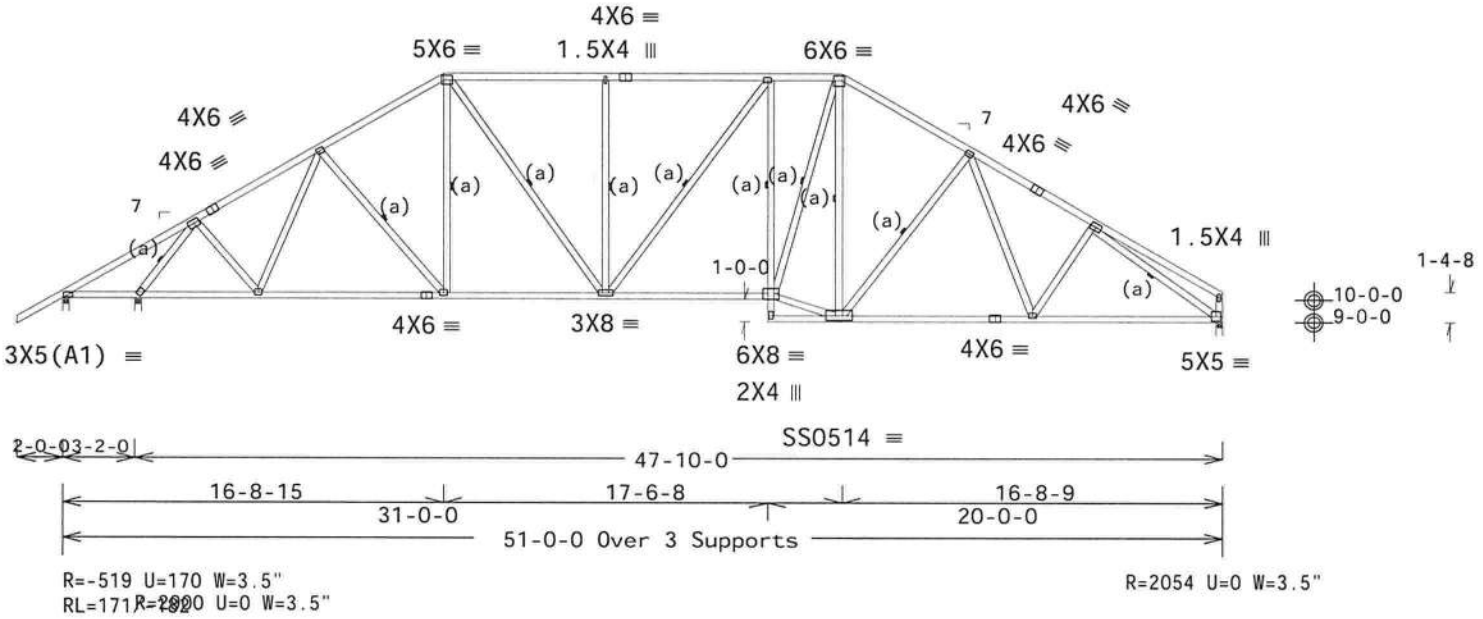
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 18 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:3 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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Orlando, FL 32837
FL COA #0278

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24048
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040093
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395034
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H27 51' Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 :T5, T6 2x4 SP M-30:
Bot chord 2x4 SP #1 :B1 2x4 SP M-30:
Webs 2x4 SP #3 :W2 2x4 SP M-30:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

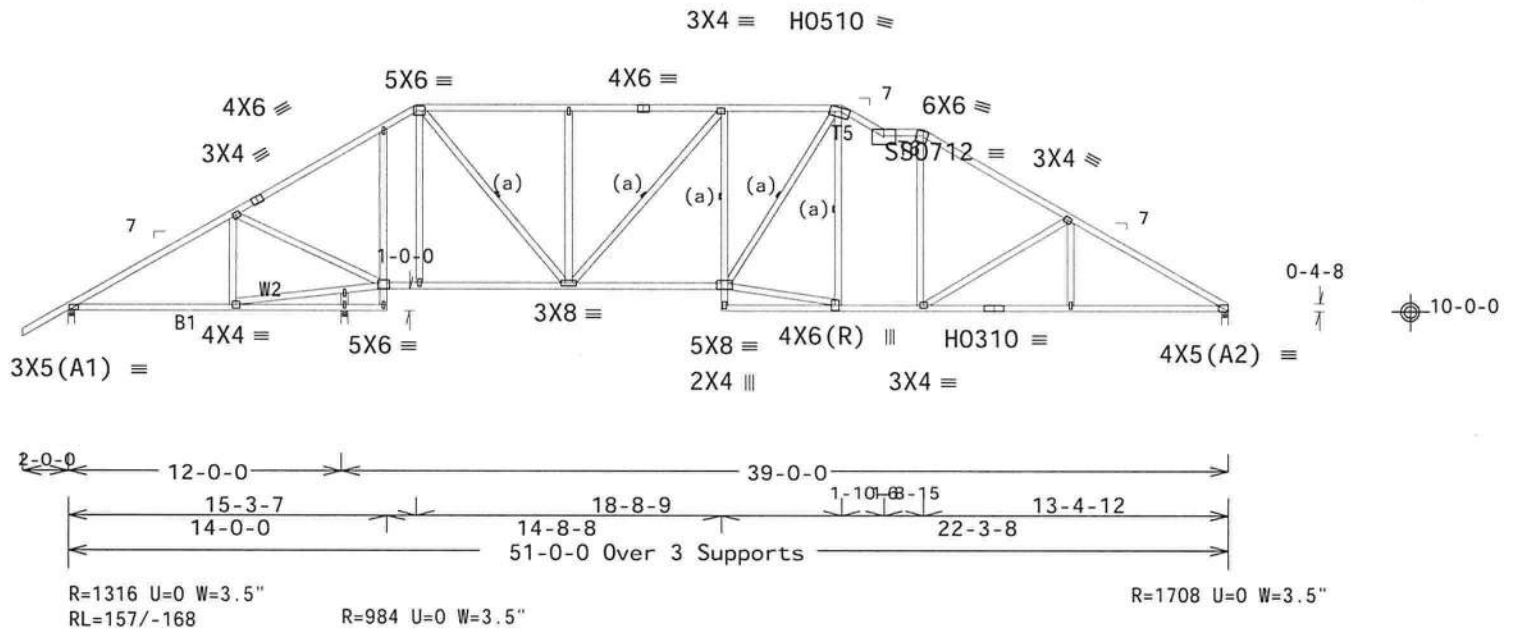
Wind loads and reactions based on MWFRS with additional C&C member design.

Calculated horizontal deflection is 0.08" due to live load and 0.18" due to dead load.

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

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

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



Note: All Plates Are 1.5X4 Except As Shown.
PLT TYP. 20 Gauge HS,18 Gauge HS, Wave

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

14.02.0401.04.22.23 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24049
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040094
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394632
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H29 51' Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3 :W2 2x4 SP 2850f-2.3E:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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.

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.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

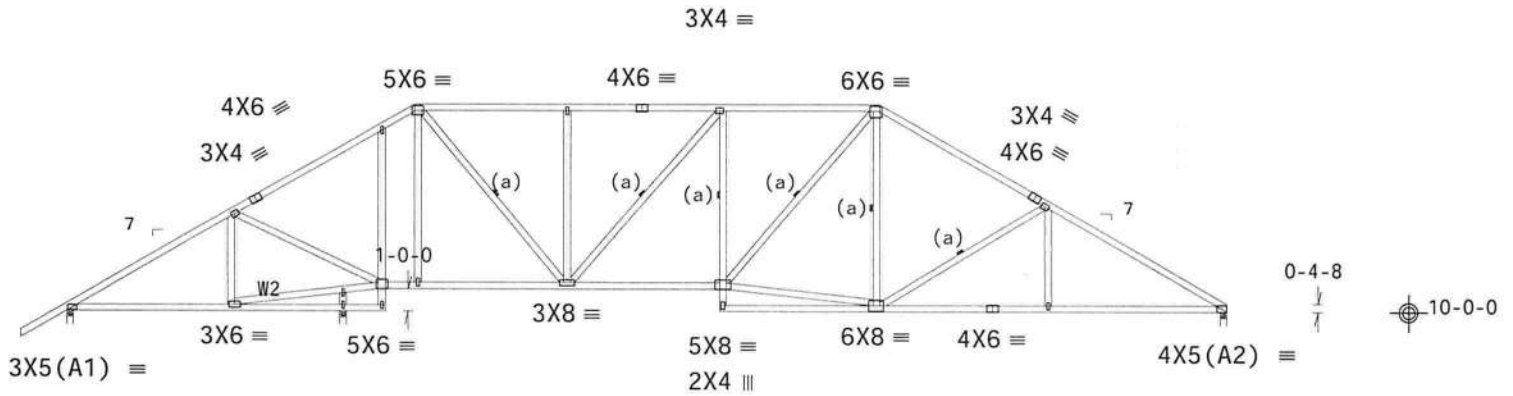
Wind loads and reactions based on MWFRS with additional C&C member design.

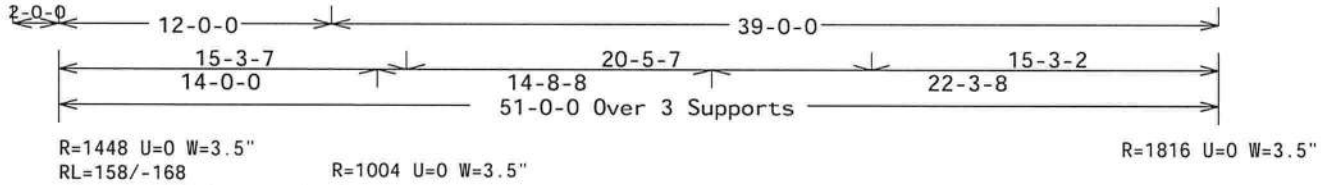
(a) Continuous lateral restraint equally spaced on member.

Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

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

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





Note: All Plates Are 1.5X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.02.01.04.22.23 QTY:4 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24050
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040095
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394638
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H37 51' Special)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP 2850f-2.3E :B3 2x4 SP M-30:
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

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

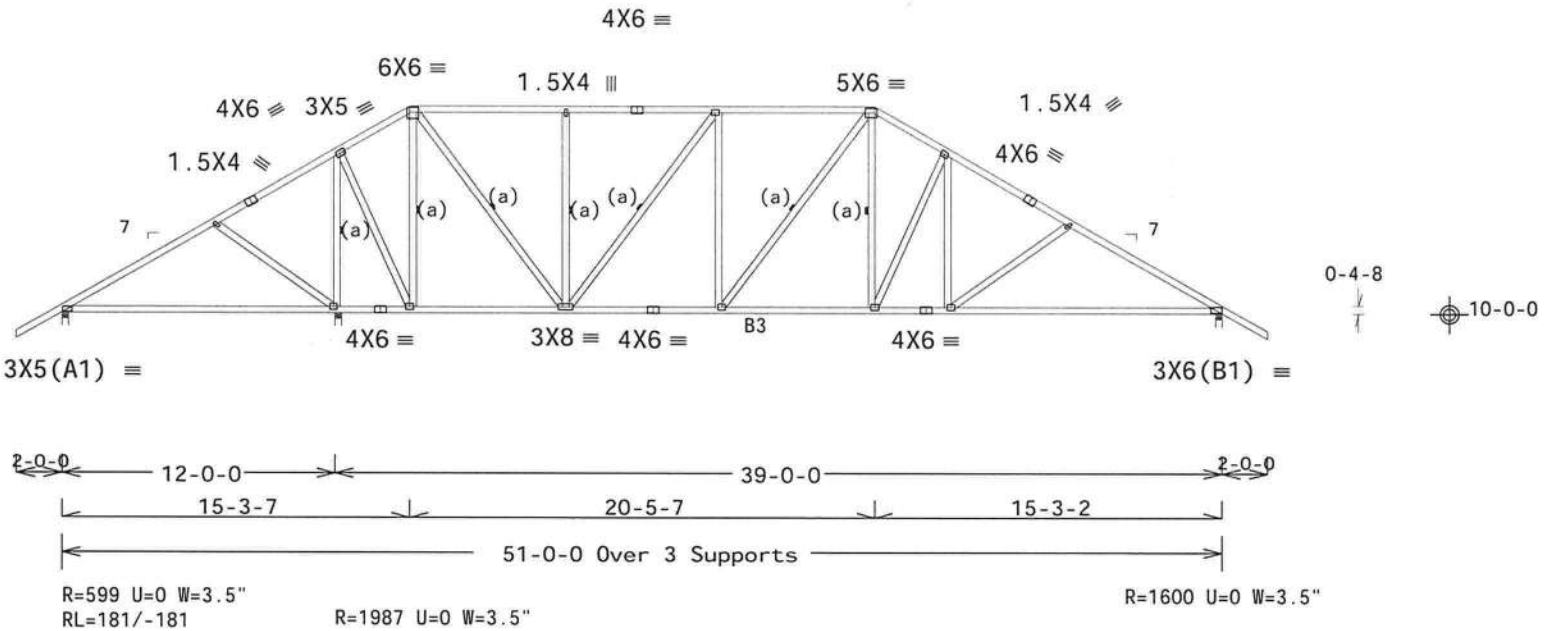
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 13.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(a) Continuous lateral restraint equally spaced on member.

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.



Note: All Plates Are 3X4 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01.0122.23 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

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AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R9114- 24051
DATE	02/09/15
DRW	HCUSR9114 15040096
HC-ENG	WHK/WHK
SEQN-	395089
FROM	JMW
JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H7 50'8"8 Stepdown Hip Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 :T2, T3 2x4 SP M-30:
:T4 2x4 SP 2850f-2.3E:
Bot chord 2x4 SP #1 :B3 2x4 SP 2850f-2.3E:
:B4 2x4 SP M-30:
Webs 2x4 SP #3 :W3 2x4 SP M-30: :W4 2x4 SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Negative reaction(s) of -397# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS.

(J) Hanger Support Required, by others

(a) Continuous lateral restraint 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. Creep increase factor for dead load is 1.50.

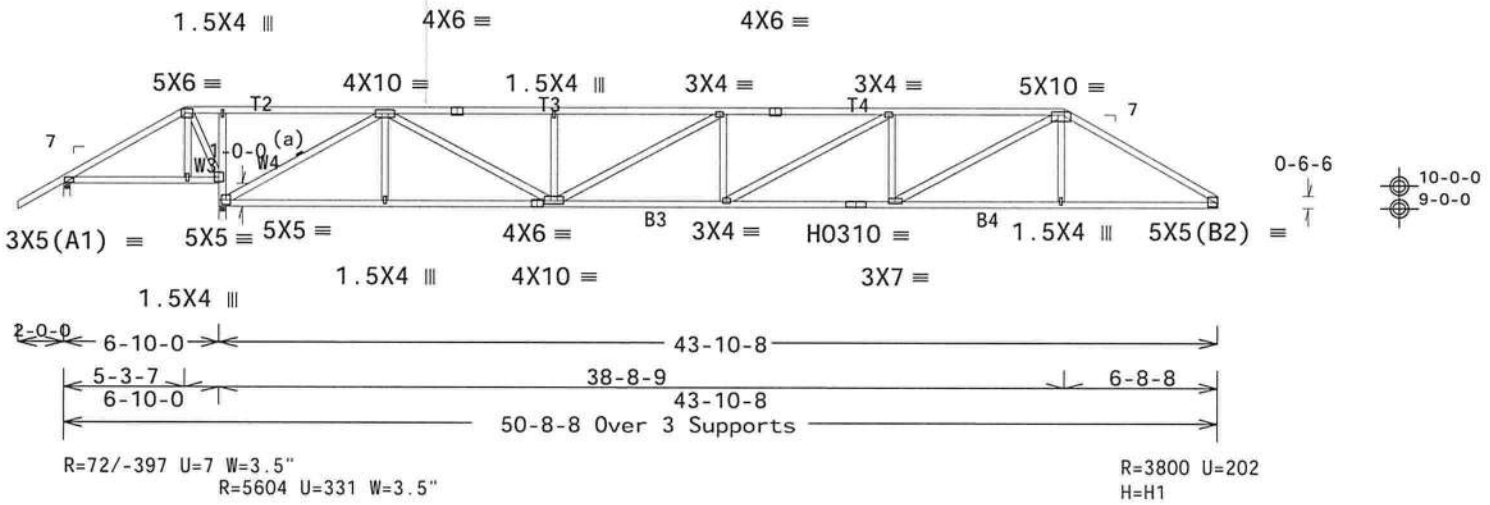
WARNING: Furnish a copy of this DWG to the installation contractor. Special care must be taken during handling, shipping and installation of trusses. See "WARNING" note below.

2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 56 plf at -2.00 to 56 plf at 5.29
TC- From 28 plf at 5.29 to 28 plf at 44.00
TC- From 56 plf at 44.00 to 56 plf at 50.71
BC- From 5 plf at -2.00 to 5 plf at 0.00
BC- From 20 plf at 0.00 to 20 plf at 6.83
BC- From 10 plf at 6.83 to 10 plf at 43.97
BC- From 20 plf at 43.97 to 20 plf at 50.71
TC- 294.32 lb Conc. Load at 5.32
TC- 165.33 lb Conc. Load at 7.35, 9.35,11.35,13.35 15.35,17.35,19.35,21.35,35.94,37.94,39.94,41.94
TC- 176.45 lb Conc. Load at 23.35,24.64,25.94,27.94 29.94,31.94,33.94
TC- 232.51 lb Conc. Load at 43.97
BC- 116.59 lb Conc. Load at 5.32
BC- 125.99 lb Conc. Load at 7.35, 9.35,11.35,13.35 15.35,17.35,19.35,21.35,35.94,37.94,39.94,41.94
BC- 129.52 lb Conc. Load at 23.35,24.64,25.94,27.94 29.94,31.94,33.94
BC- 430.49 lb Conc. Load at 43.97

Calculated vertical deflection is 0.43" due to live load and 0.59" due to dead load at X = 29-1-10.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 14.03-01-0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24052
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040097
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	394956
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H7A 51' Mono Hip Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E
Bot chord 2x4 SP 2850f-2.3E
Webs 2x4 SP #3 :W2, W7, W10, W18, W20 2x4 SP #2:
:W11 2x4 SP 2850f-2.3E:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

SPECIAL LOADS
------(LUMBER DUR.FAC.=1.25 / PLATE DUR.FAC.=1.25)
TC - From 61 PLF at -2.00 to 61 PLF at 0.00
TC - From 56 PLF at 0.00 to 56 PLF at 2.31
TC - From 55 PLF at 2.31 to 55 PLF at 5.32
TC - From 27 PLF at 5.32 to 27 PLF at 45.35
TC - From 55 PLF at 45.35 to 55 PLF at 51.00
BC - From 20 PLF at 0.00 to 20 PLF at 5.32
BC - From 10 PLF at 5.32 to 10 PLF at 45.35
BC - From 20 PLF at 45.35 to 20 PLF at 51.00
TC - 236 LB Conc. Load at 5.32
TC - 178 LB Conc. Load at 7.35, 9.35, 11.35, 13.35, 15.35, 17.35
TC - 165 LB Conc. Load at 19.35, 21.35, 23.35, 25.35, 27.35, 29.35, 31.35, 33.35, 35.35, 37.35, 39.35, 41.35, 43.35, 45.35
BC - 219 LB Conc. Load at 5.32
BC - 103 LB Conc. Load at 7.35, 9.35, 11.35, 13.35, 15.35, 17.35
BC - 126 LB Conc. Load at 19.35, 21.35, 23.35, 25.35, 27.35, 29.35, 31.35, 33.35, 35.35, 37.35, 39.35, 41.35, 43.35, 45.35

2 COMPLETE TRUSSES REQUIRED

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

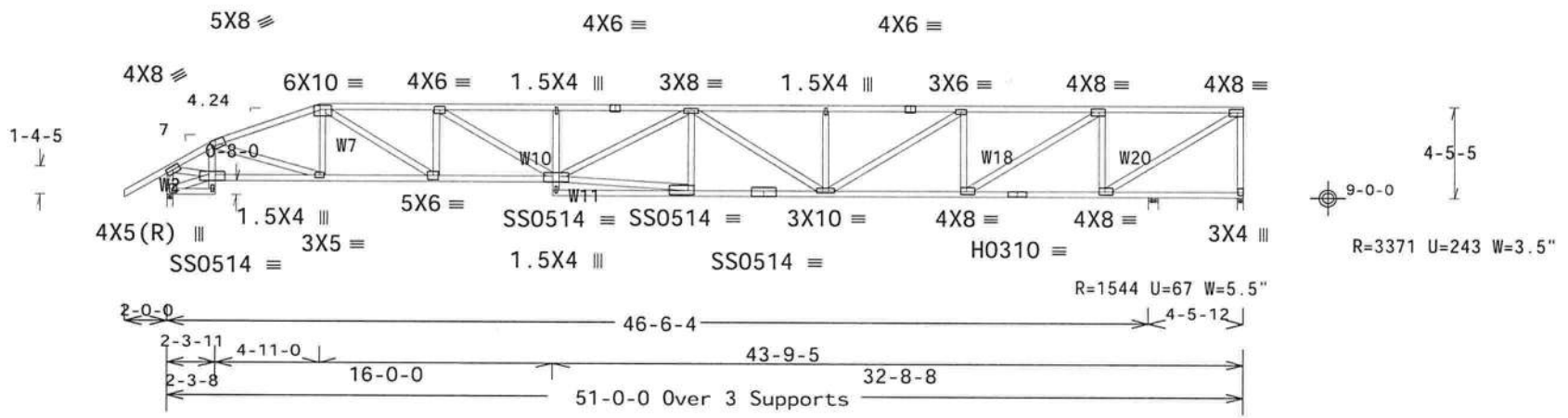
Calculated horizontal deflection is 0.19" due to live load and 0.25" due to dead load.

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

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

Calculated vertical deflection is 0.77" due to live load and 1.01" due to dead load at X = 24-8-4.

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



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

Design Crit: FBC2010Res/TPI-2007(STD)
FT/RT=10%(0%)/0(0)

14-08-01.0122.23 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

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FL COA #0278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24053
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040122
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395058
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H9 50'8"8 Stepdown Hip)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 :T1 2x4 SP 2850f-2.3E:
Bot chord 2x4 SP 2850f-2.3E :B1 2x4 SP #1:
Webs 2x4 SP #3 :W1 2x4 SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

(a) Continuous lateral restraint equally spaced on member.

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

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

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

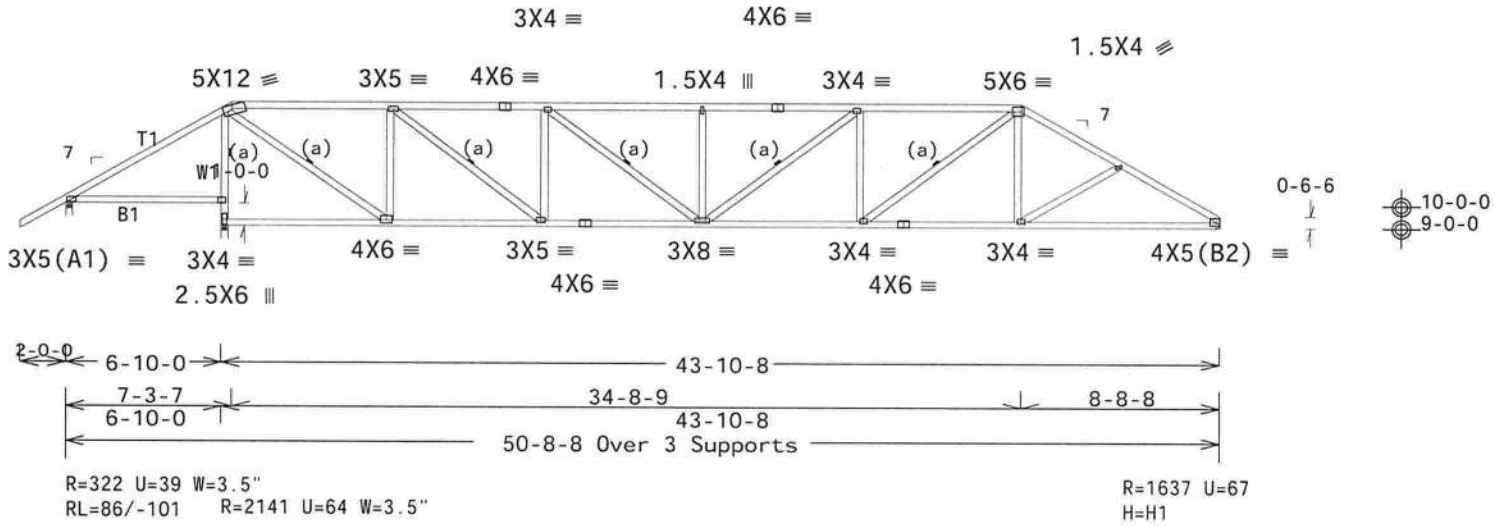
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 6.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

(J) Hanger Support Required, by others

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14 QTY:1 FL/-/5/-/-/R/- Scale =.125"/Ft.

ALPINE AN ITW COMPANY

2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; WTCA: www.sbcindustry.com; ICC: www.iccsafe.org

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24054
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040098
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395096
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - H9A 46'10"4 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP M-30 :B1 2x4 SP #1:
:B3, B4 2x4 SP 2850f-2.3E:
Webs 2x4 SP #3 :W11, W18 2x4 SP #2:

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Calculated horizontal deflection is 0.12" due to live load and 0.15" due to dead load.

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

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

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

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 6.50 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

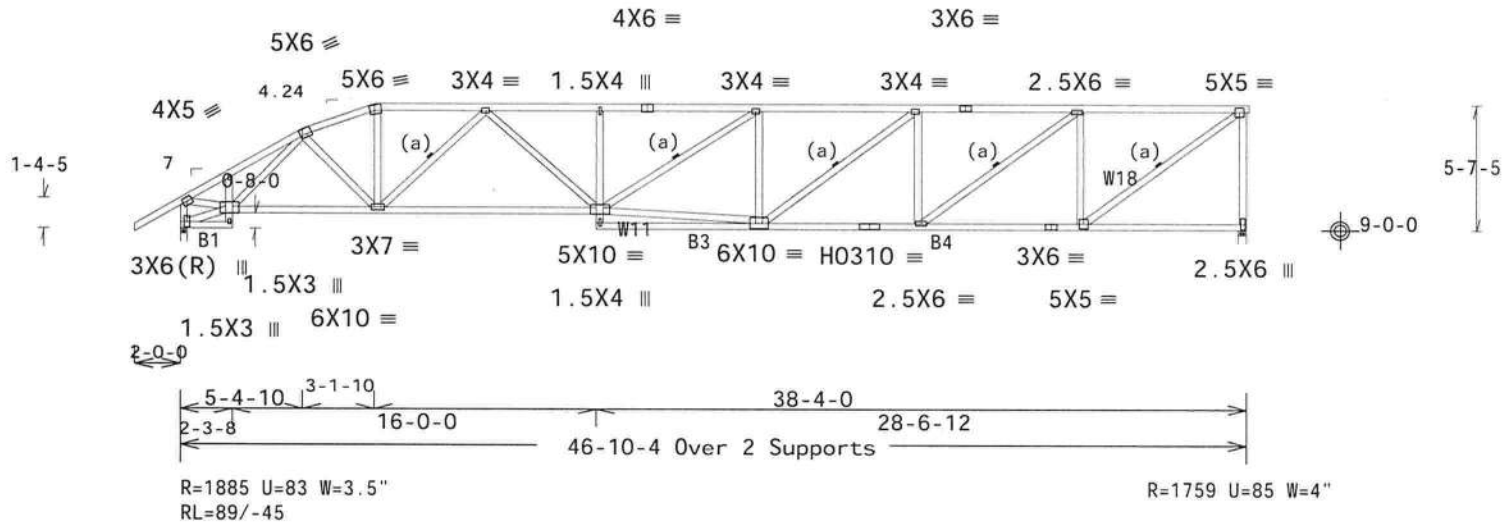
Wind loads and reactions based on MWFRS with additional C&C member design.

Right end vertical not exposed to wind pressure.

(a) Continuous lateral restraint equally spaced on member.

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. 20 Gauge HS,Wave | FT/RT=10%(0%)/0(0) | 14.03.01.04.22.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.125"/Ft.

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FL COA #0 278

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24055
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040099
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395101
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - HJ1 1'5" Hip Jack Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

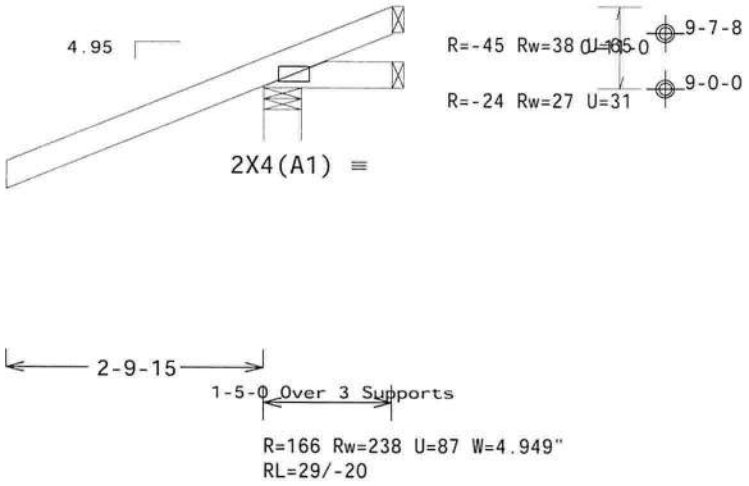
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 0 plf at -2.83 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 1.41
BC- From 0 plf at -2.83 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 1.41

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03-01-14/20.16 QTY:2 FL/-/5/-/-/R/- Scale =.5"/Ft.

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FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24056
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040100
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391122
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - HJ7 9'10"13 Hip Jack Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP 2850f-2.3E
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

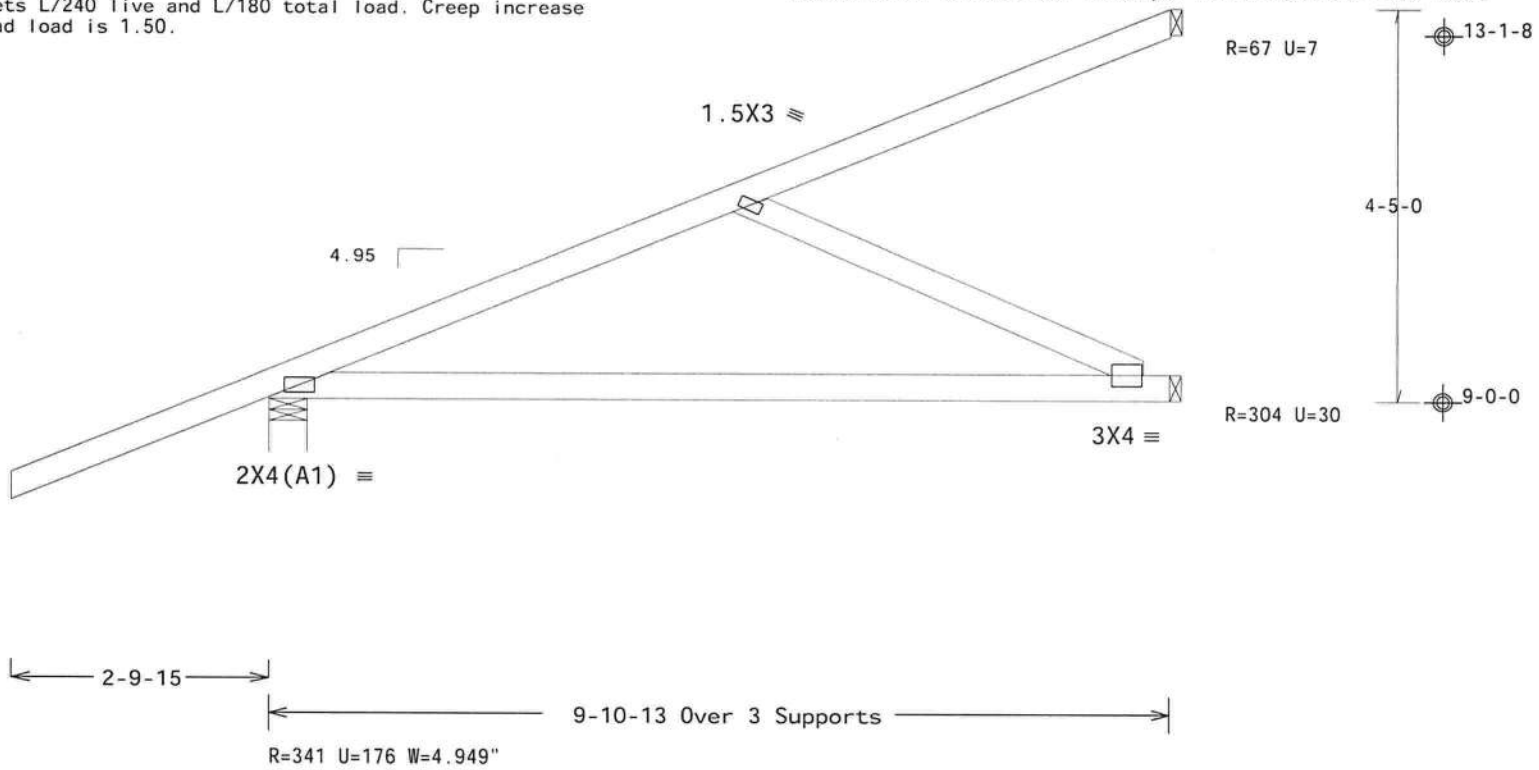
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 0 plf at -2.83 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 9.90
BC- From 0 plf at -2.83 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 9.90
TC- -68.58 lb Conc. Load at 1.48
TC- 87.97 lb Conc. Load at 4.31
TC- 232.07 lb Conc. Load at 7.13
BC- 3.37 lb Conc. Load at 1.48
BC- 94.43 lb Conc. Load at 4.31
BC- 176.45 lb Conc. Load at 7.13

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03-01, 14.20.16 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24057
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040101
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	391128
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - HJ7A 7'5"11 Hip Jack Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS.

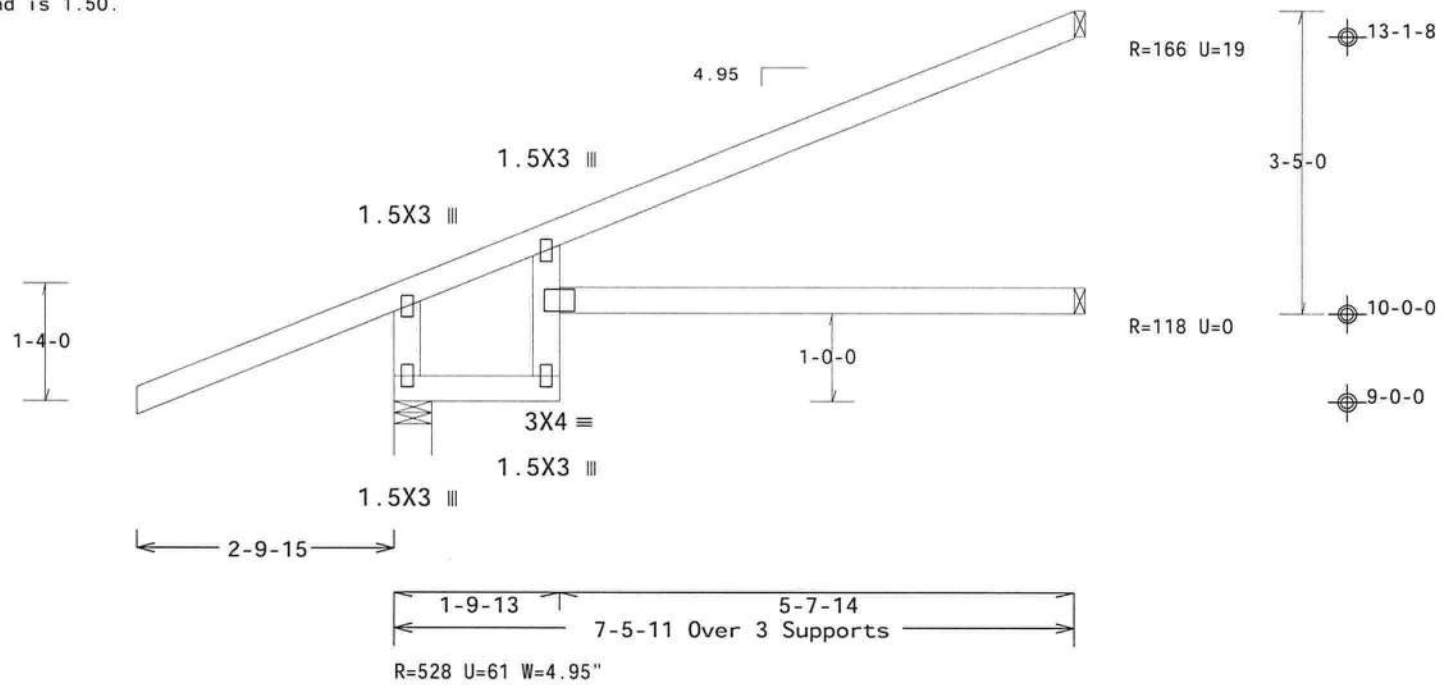
Calculated horizontal deflection is 0.11" due to live load and 0.21" due to dead load.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 0 plf at -2.83 to 55 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 7.48
BC- From 0 plf at -2.83 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 1.82
BC- From 2 plf at 1.82 to 2 plf at 7.48
TC- 55.62 lb Conc. Load at 1.62
TC- -19.60 lb Conc. Load at 1.88
TC- 117.63 lb Conc. Load at 4.50
TC- 54.48 lb Conc. Load at 4.71
BC- 9.23 lb Conc. Load at 1.88
BC- 48.03 lb Conc. Load at 4.50
BC- 53.08 lb Conc. Load at 4.71

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

Fasten rated sheathing to one face of this frame.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24058
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040102
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395056
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - HJ7B 6'5"8 Hip Jack Girder)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

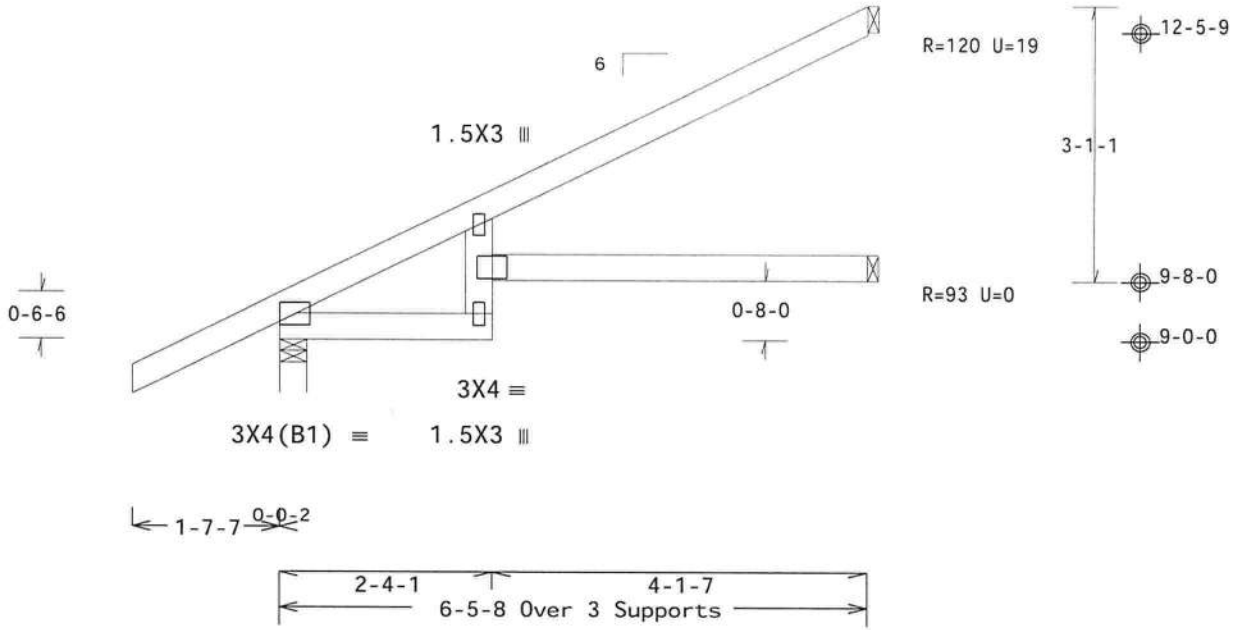
120 mph wind, 15.00 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS.

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

Special loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC- From 0 plf at -1.62 to 56 plf at 0.00
TC- From 2 plf at 0.00 to 2 plf at 6.46
BC- From 0 plf at -1.62 to 4 plf at 0.00
BC- From 2 plf at 0.00 to 2 plf at 2.34
BC- From 2 plf at 2.34 to 2 plf at 6.46
TC- -15.26 lb Conc. Load at 0.86
TC- -25.52 lb Conc. Load at 1.60
TC- 190.70 lb Conc. Load at 3.69
BC- 14.16 lb Conc. Load at 0.86
BC- 28.86 lb Conc. Load at 1.60
BC- 85.88 lb Conc. Load at 3.69

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01.0122.23 QTY:1 FL/-/5/-/-/R/- Scale =.5"/Ft.

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FL COA #0 278

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/09/2015

TC LL	20.0 PSF	REF	R9114- 24059
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040103
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395057
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB 18'8"9 Special)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

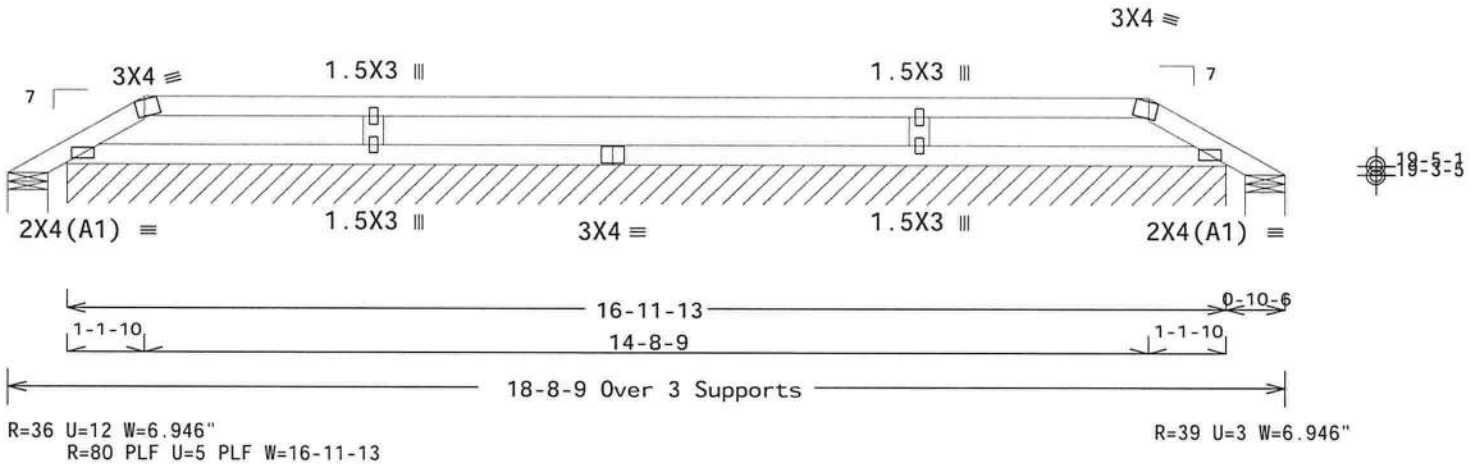
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 19.86 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 19.86 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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Orlando, FL 32837
FL COA #0278

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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24060
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040104
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395038
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB1 18'8"9 Special)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

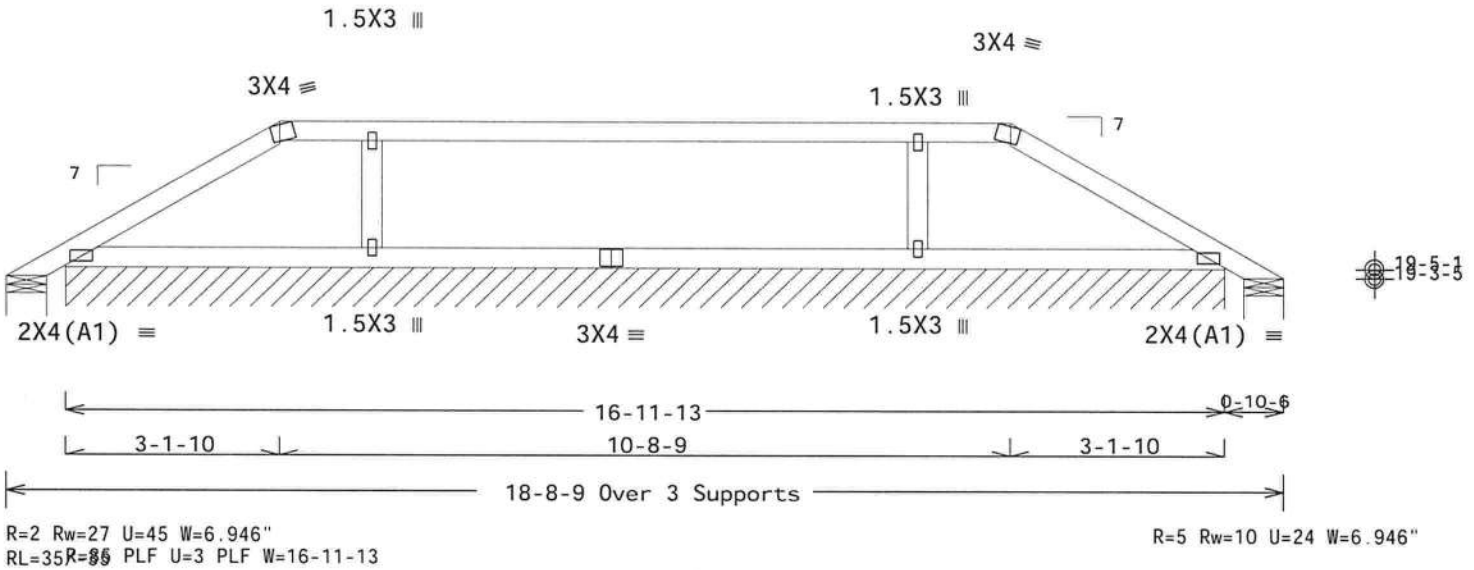
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 20.44 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 20.44 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

ALPINE AN ITW COMPANY

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Orlando, FL 32837
FL COA #0 278

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For more information see this job's general notes page and these web sites:
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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R9114- 24061
DATE	02/09/15
DRW	HCUSR9114 15040105
HC-ENG	WHK/WHK
SEQN-	395039
FROM	JMW
JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB10 17'6"8 Common)

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

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

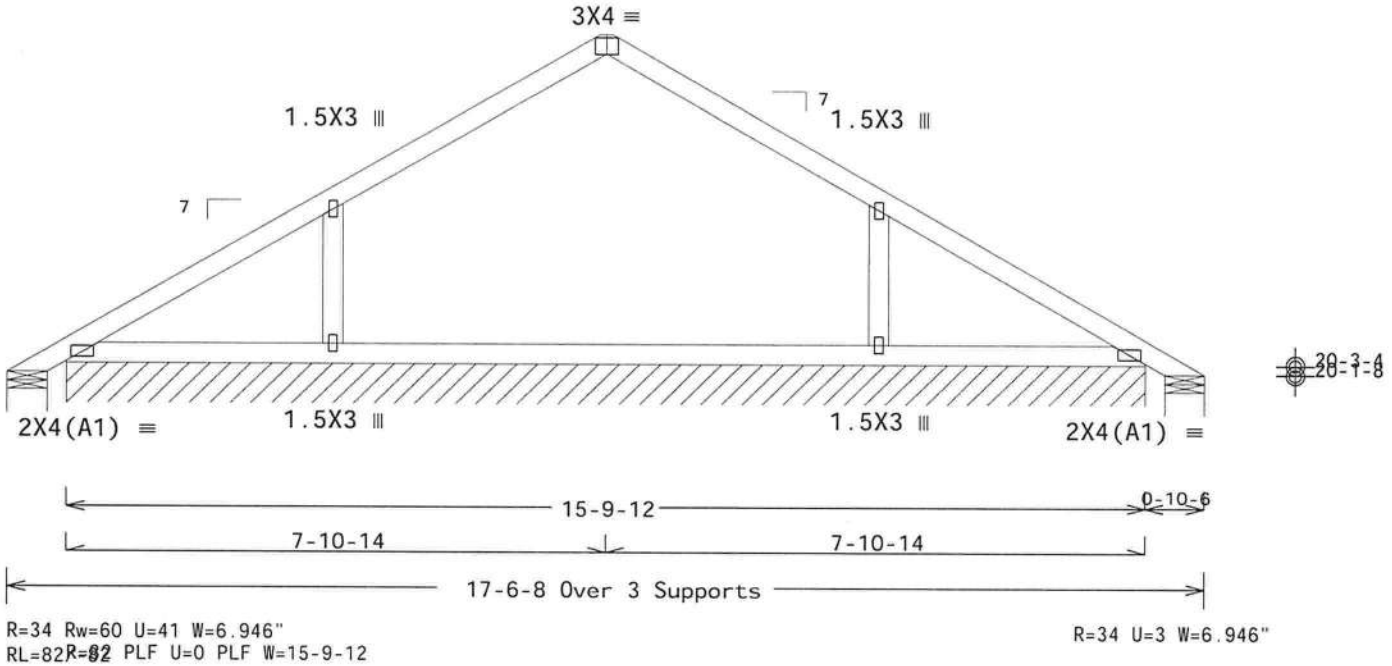
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 22.66 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.66 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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Orlando, FL 32837
FL COA #0 278

WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER

02/09/2015

TC LL	20.0 PSF	REF	R9114- 24062
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040106
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395040
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB11 17'6"8 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

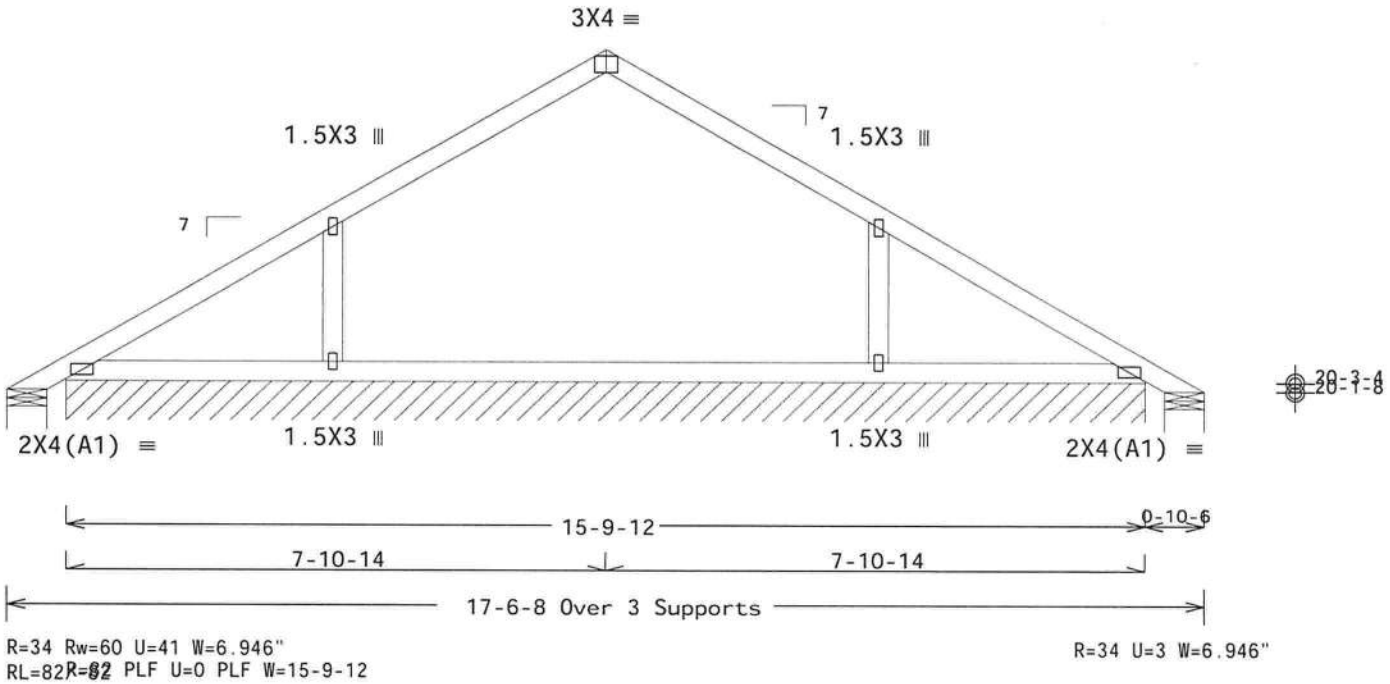
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 22.68 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.68 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.00 psf 22.23 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24063
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040107
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395041
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB12 17'6"8 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

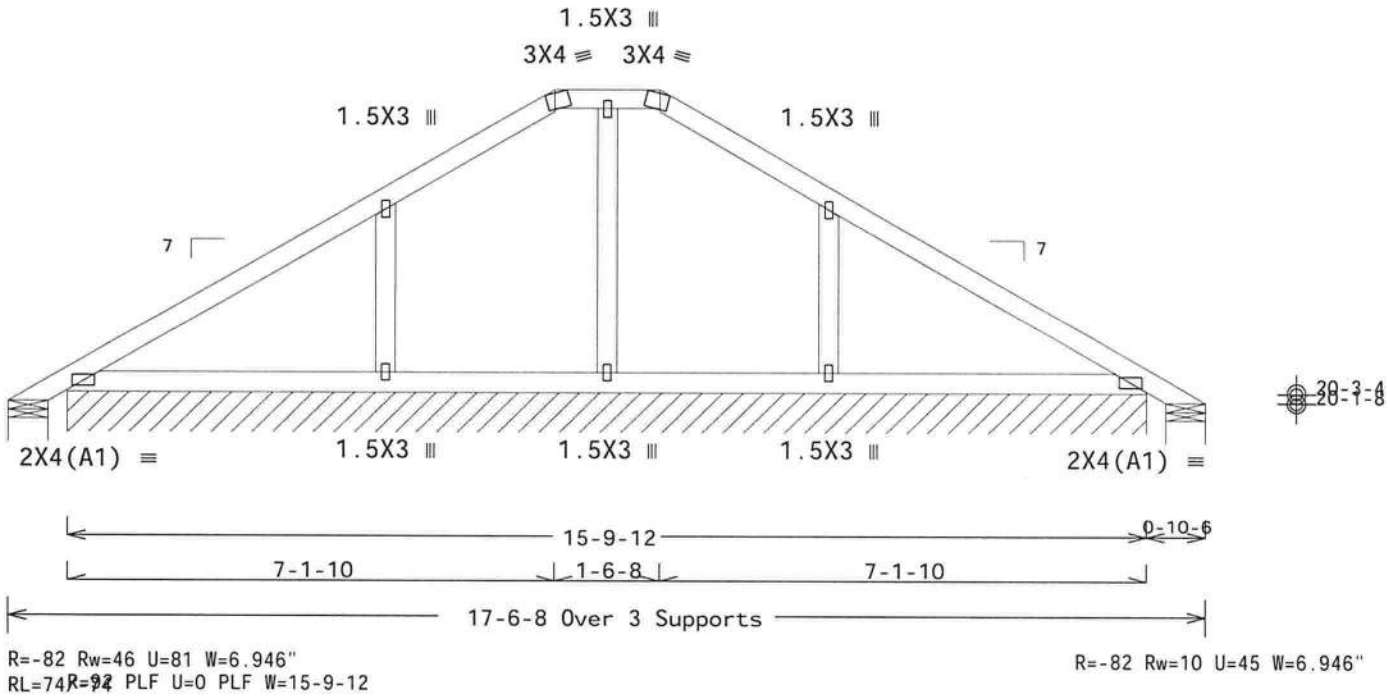
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 22.46 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.46 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03-01.01.22.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

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WILLIAM F. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24064
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040108
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395106
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB13 17'6"8 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E :T2 2x4 SP #1:
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

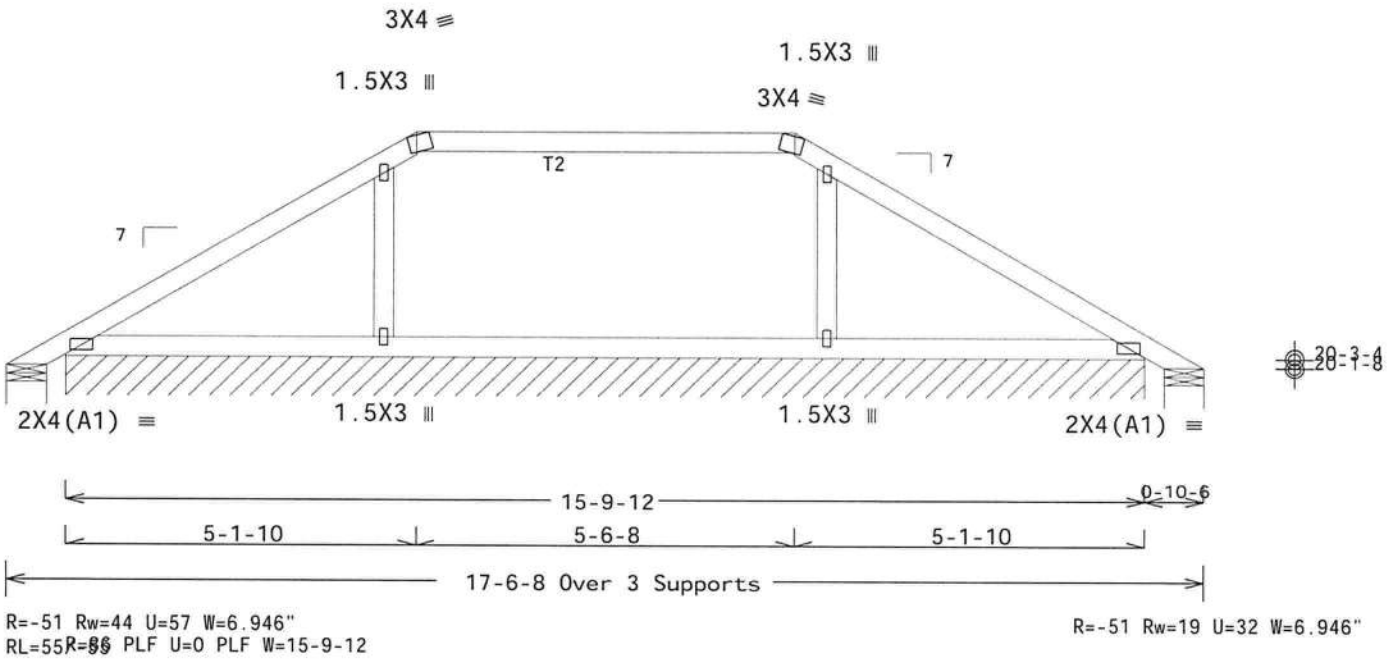
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 21.88 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 21.88 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14-03-01,0,0,22,23 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER 02/09/2015

TC LL	20.0 PSF	REF R9114- 24065
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040109
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 395043
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB14 17'6"8 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

Refer to DWG PB160100212 for piggyback details.

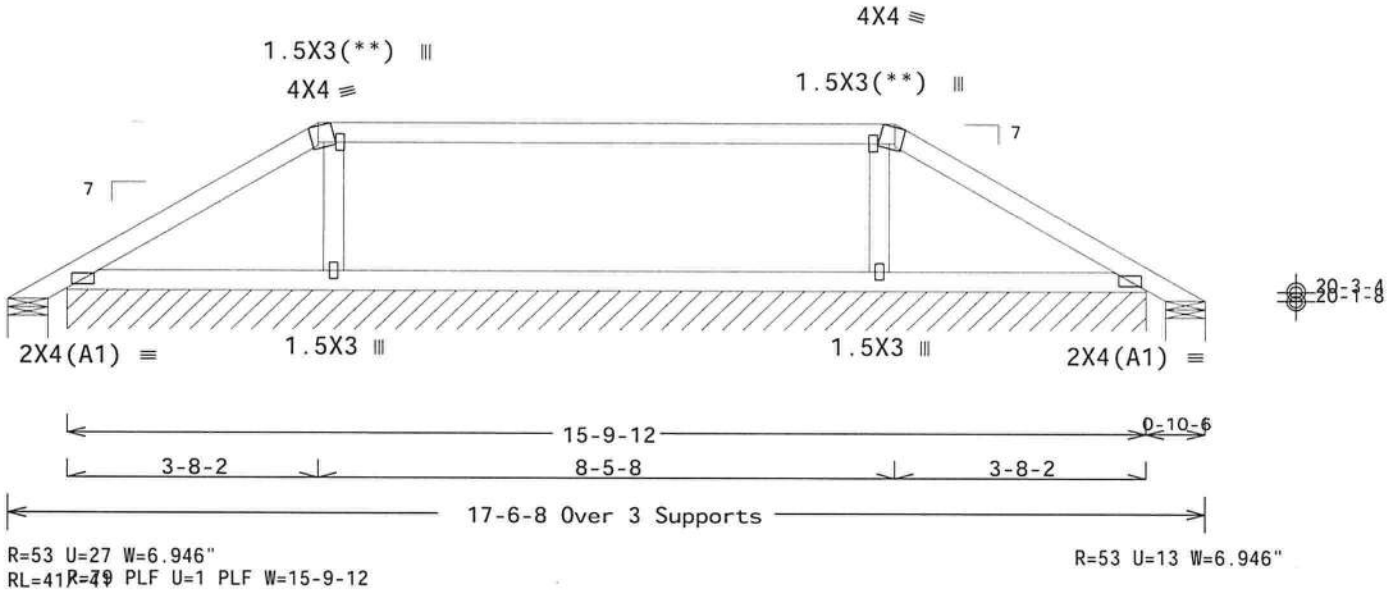
(**) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

120 mph wind, 21.45 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 21.45 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.04.22.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24066
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040110
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395044
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB15 17'6"8 Common)

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

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

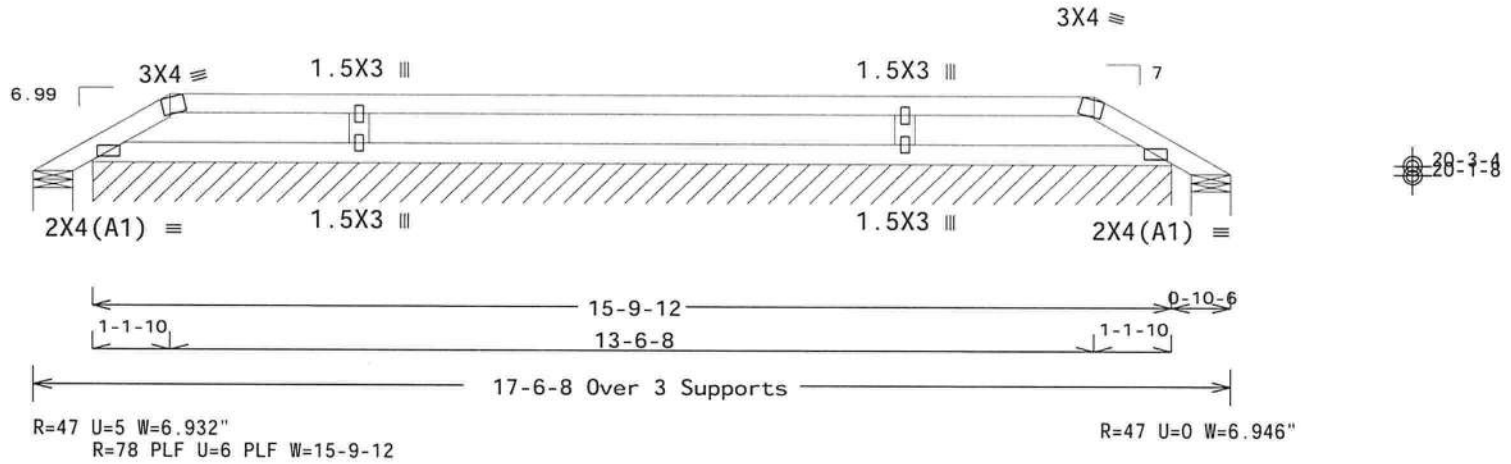
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 20.71 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 20.71 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.04.22.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0 278

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24067
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040111
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 395045
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB2 18'8"9 Special)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E :T2 2x4 SP #1:
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

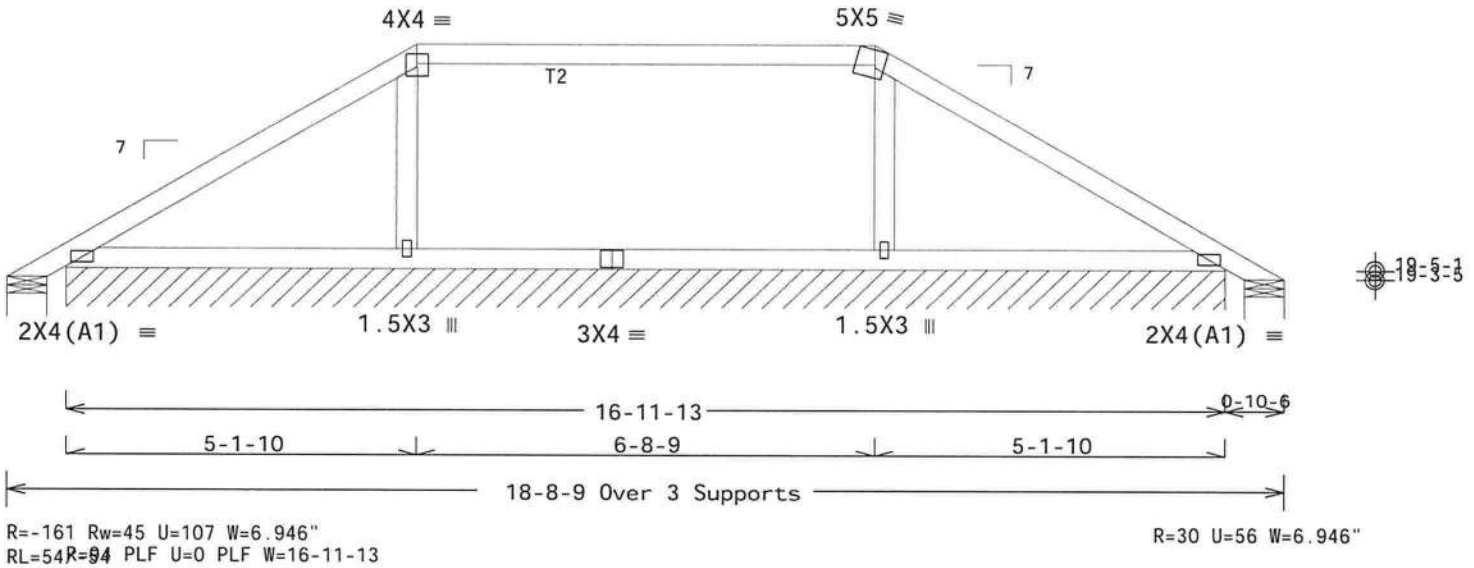
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 21.03 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 21.03 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

ALPINE AN ITW COMPANY

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Orlando, FL 32837
FL COA #0 278

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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF R9114- 24068
TC DL	7.0 PSF	DATE 02/09/15
BC DL	10.0 PSF	DRW HCUSR9114 15040112
BC LL	0.0 PSF	HC-ENG WHK/WHK
TOT.LD.	37.0 PSF	SEQN- 395046
DUR.FAC.	1.25	FROM JMW
SPACING	24.0"	JREF- 1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB3 18'8"9 Special)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E :T1 2x4 SP #1:
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

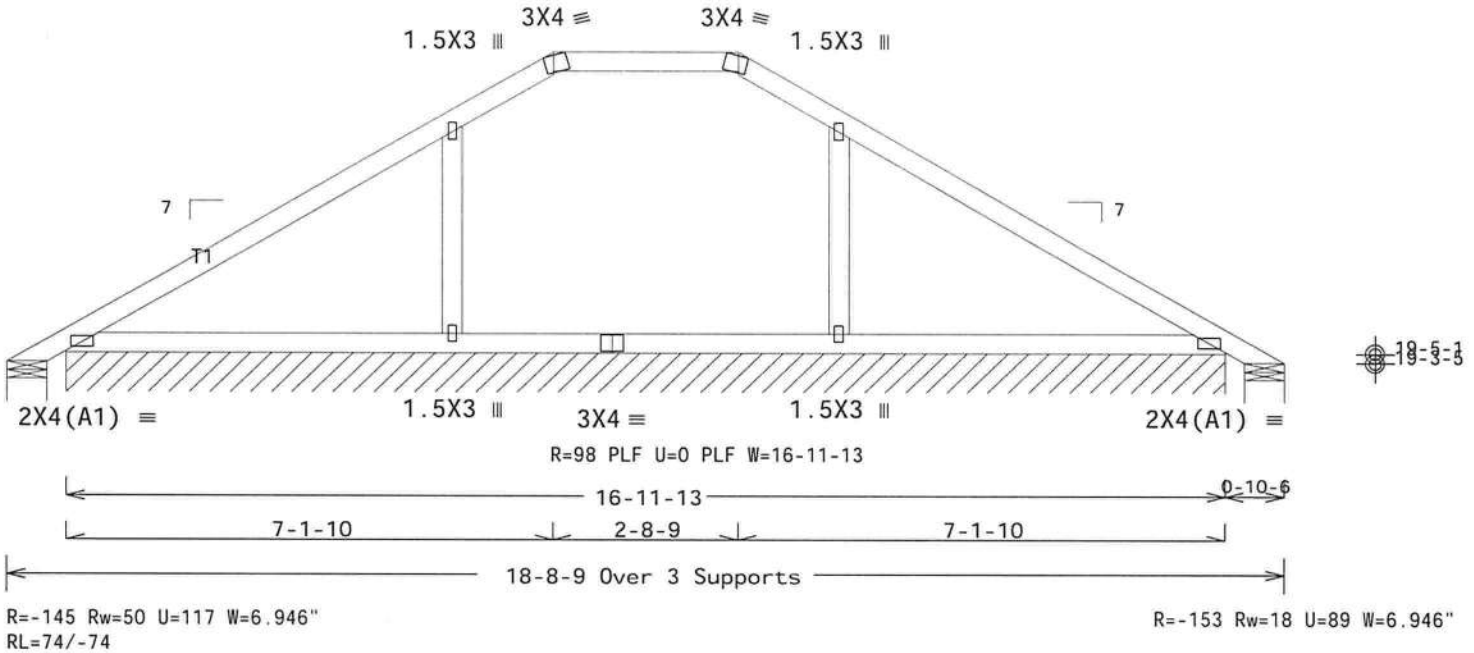
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 21.61 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 21.61 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01.0122.23 QTY:1 FL/-/5/-/-/R/- Scale =.375"/Ft.

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AN ITW COMPANY
2400 Lake Orange Dr., Suite 150
Orlando, FL 32837
FL COA #0278

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24069
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040113
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395047
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB4 18'8"9 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP 2850f-2.3E
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

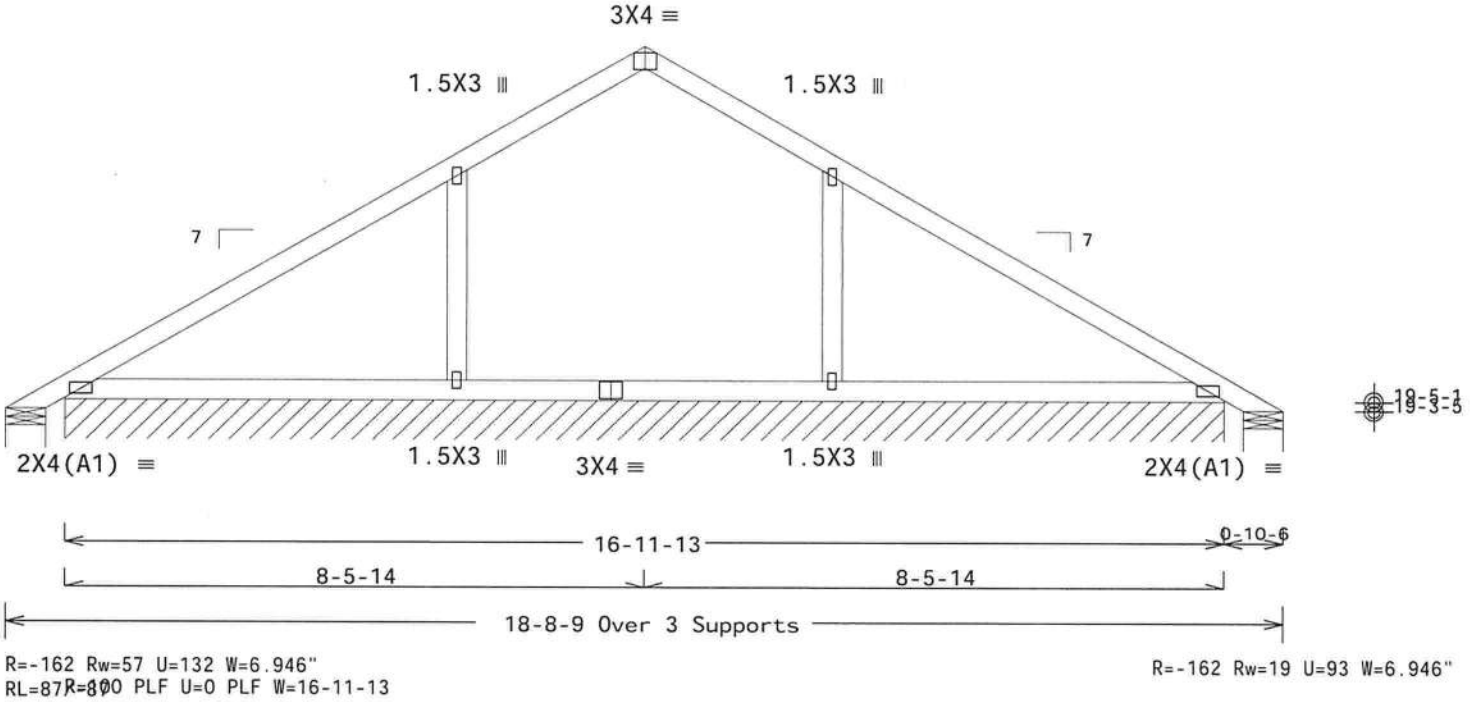
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 22.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.00 ft. from roof edge.



19-5-1
19-3-5

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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Orlando, FL 32837
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WILLIAM H. KRICK LICENSE No. 70861 STATE OF FLORIDA PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24070
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040114
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395113
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

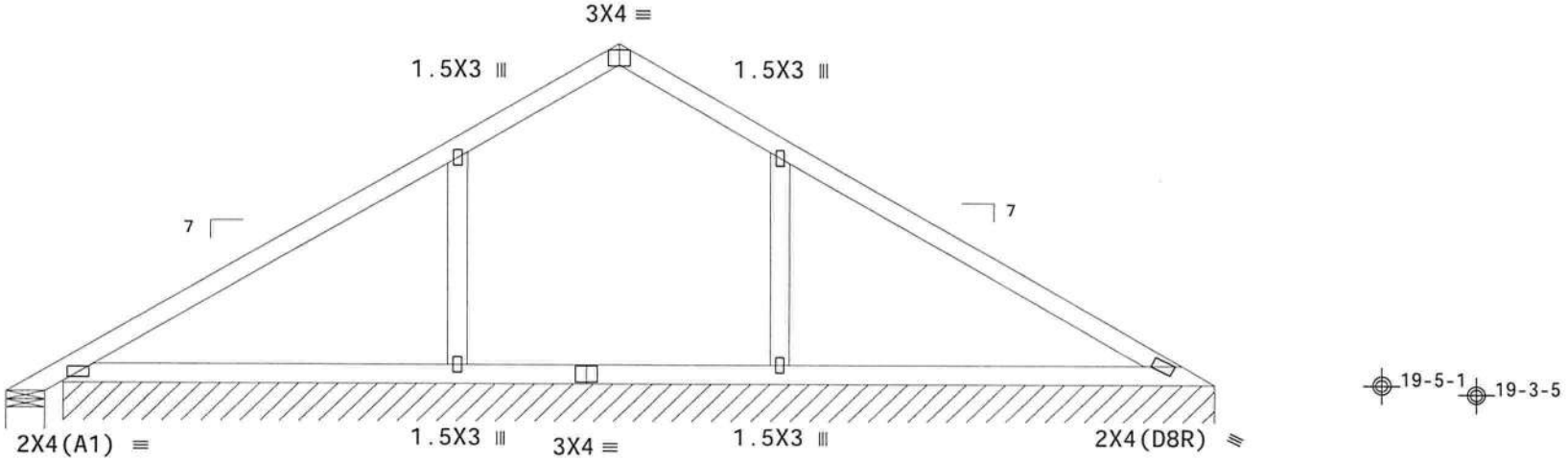
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 22.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.00 ft. from roof edge.



R=-175 Rw=59 U=138 W=6.946"
RL=87/-84

R=89 PLF U=10 PLF W=19-7-1

8-5-14 | 9-1-4

17-7-3

17-7-3 Over 2 Supports

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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TC LL	20.0 PSF	REF	R9114- 24071
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040115
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395049
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB6 20'5"7 Common)

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

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1 :T1 2x4 SP 2850f-2.3E:
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

Refer to DWG PB160100212 for piggyback details.

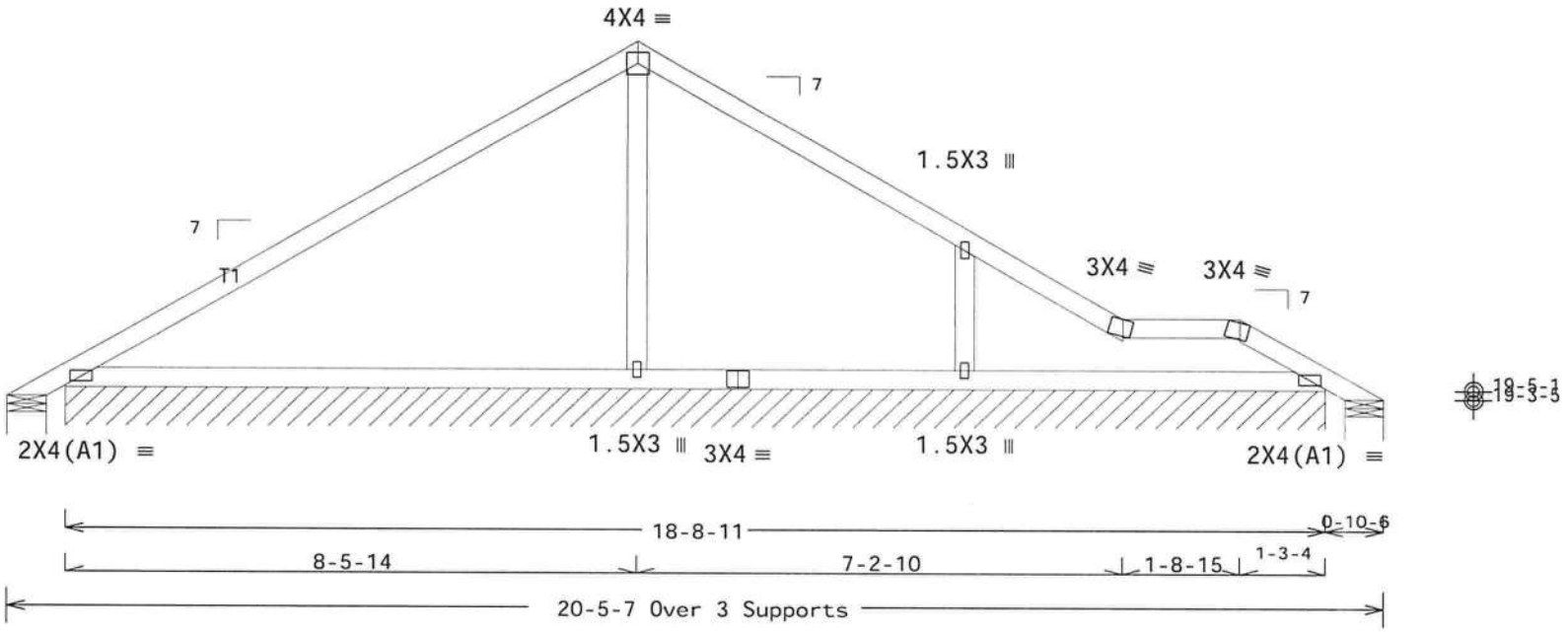
Negative reaction(s) of -601# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 22.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.00 ft. from roof edge.



R=-601 Rw=94 U=360 W=6.946"
RL=87/-87

R=119 PLF U=1 PLF W=18-8-11

R=-115 Rw=15 U=47 W=6.946"

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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WILLIAM H. KRICK
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No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24072
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040116
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395050
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB7 20'5"7 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

Refer to DWG PB160100212 for piggyback details.

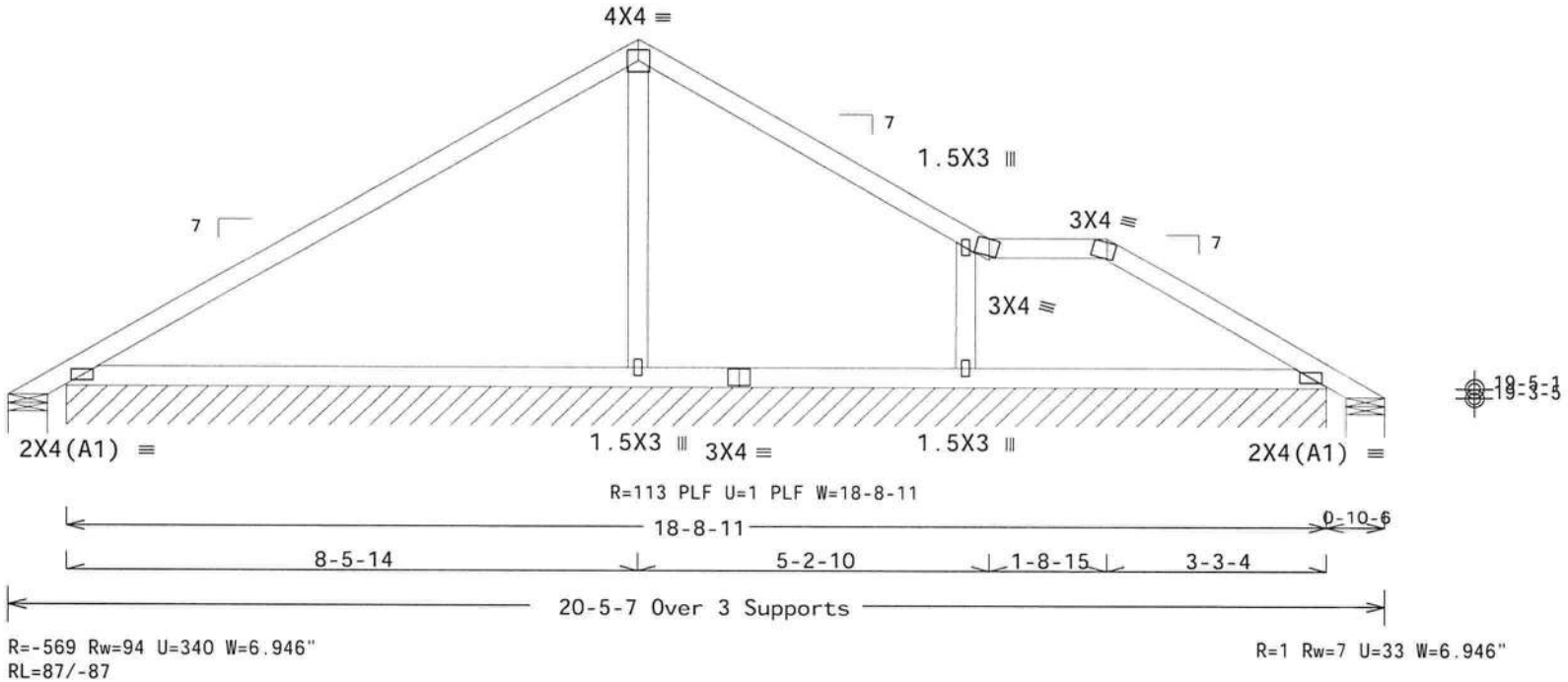
Negative reaction(s) of -569# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 22.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.00 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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02/09/2015

TC LL	20.0 PSF
TC DL	7.0 PSF
BC DL	10.0 PSF
BC LL	0.0 PSF
TOT.LD.	37.0 PSF
DUR.FAC.	1.25
SPACING	24.0"

REF	R9114- 24073
DATE	02/09/15
DRW	HCUSR9114 15040117
HC-ENG	WHK/WHK
SEQN-	395051
FROM	JMW
JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB8 20'5"7 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

Refer to DWG PB160100212 for piggyback details.

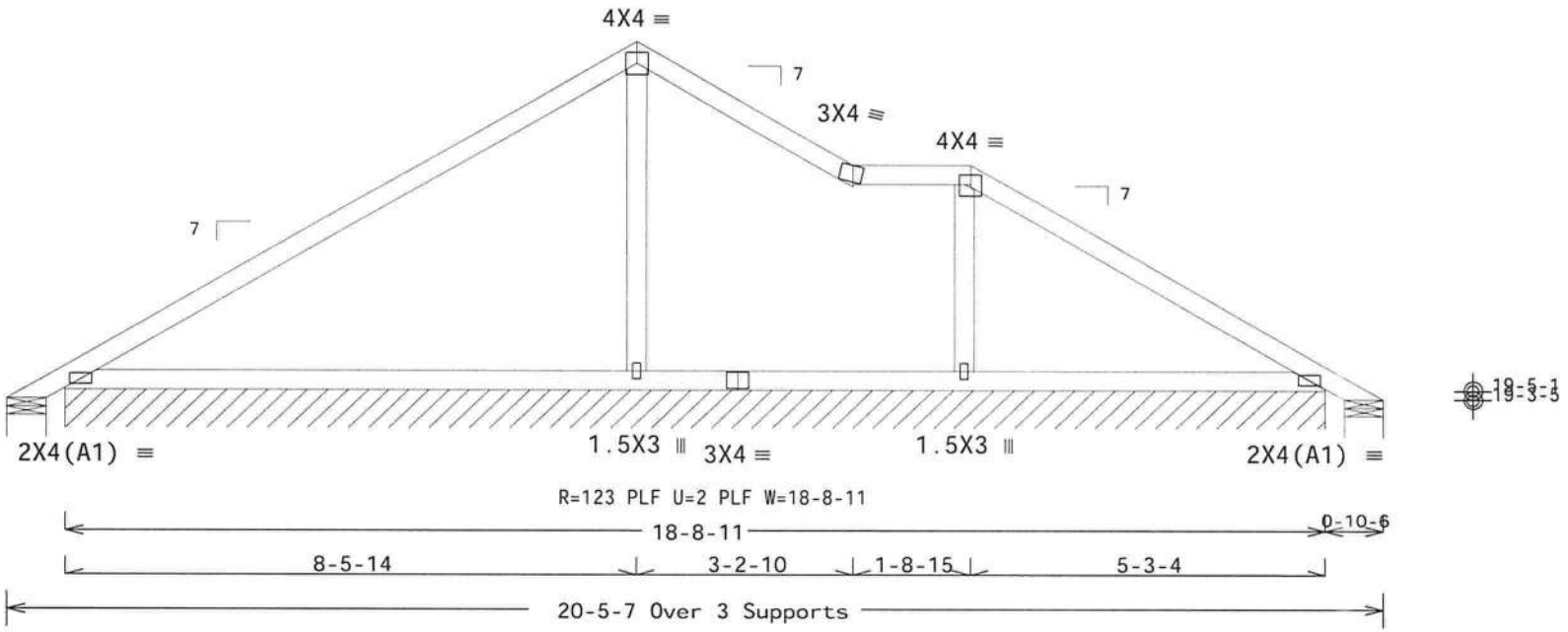
Negative reaction(s) of -597# MAX. (See below) from a non-wind load case requires uplift connection.

120 mph wind, 22.00 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 22.00 ft. from roof edge.



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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TC LL	20.0 PSF	REF	R9114- 24074
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040118
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395052
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

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

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PB9 20'5"7 Special)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

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

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

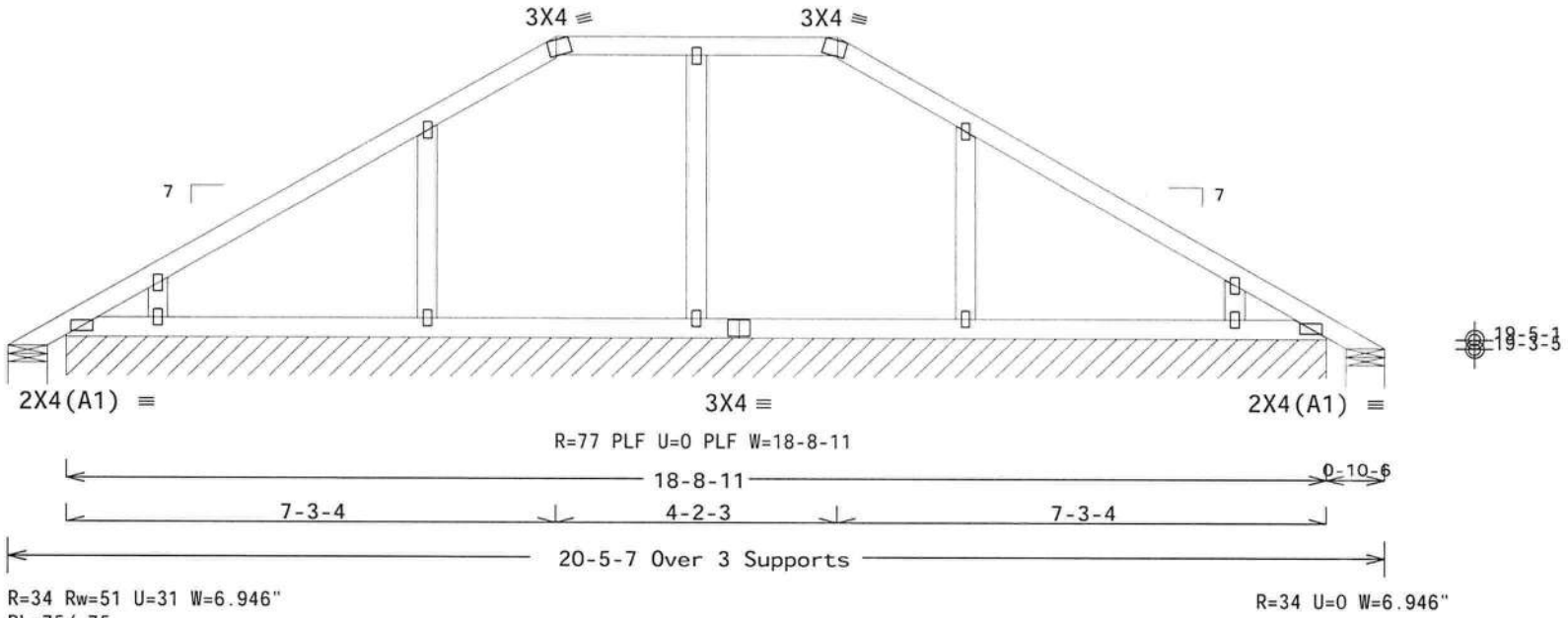
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 21.65 ft mean hgt, ASCE 7-10, CLOSED bldg, not located within 9.00 ft from roof edge, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

MWFRS loads based on trusses located at least 21.65 ft. from roof edge.



Note: All Plates Are 1.5X3 Except As Shown.

Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.375"/Ft.

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TC LL	20.0 PSF	REF	R9114- 24075
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040119
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395053
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PBB 3'5"11 Common)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1
Webs 2x4 SP #3

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

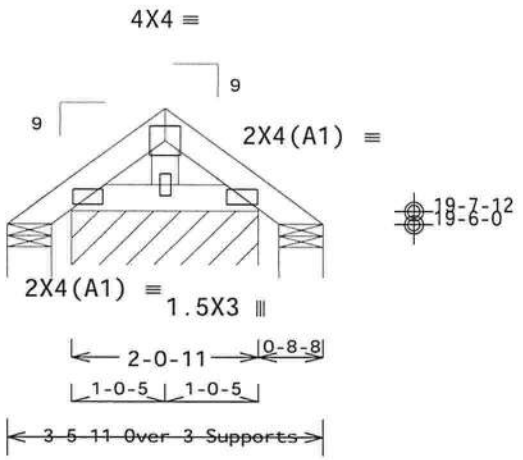
Deflection meets L/240 live and L/180 total load. Creep increase factor for dead load is 1.50.

Refer to DWG PB160100212 for piggyback details.

120 mph wind, 20.15 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave FT/RT=10%(0%)/0(0) 14.03.01.0122.23 QTY:13 FL/-/5/-/-/R/- Scale =.5"/Ft.

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02/09/2015

TC LL	20.0 PSF	REF	R9114- 24076
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040120
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395054
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

(15-024--BRYAN ZECHER /Dicks Residence/ Cypress -- Lake City, FL - PBB1 3'5"11 Gable)

Value Set: 13B (Effective 6/1/2013)

Top chord 2x4 SP #1
Bot chord 2x4 SP #1

Lumber value set "13B" uses design values approved 1/30/2013 by ALSC

Truss designed to support 2-0-0 top chord outlookers and 10.00 PSF cladding load one face, and 24.0" span on opposite face. Top chord must not be cut or notched.

See DWG VAL160101014 for valley details.

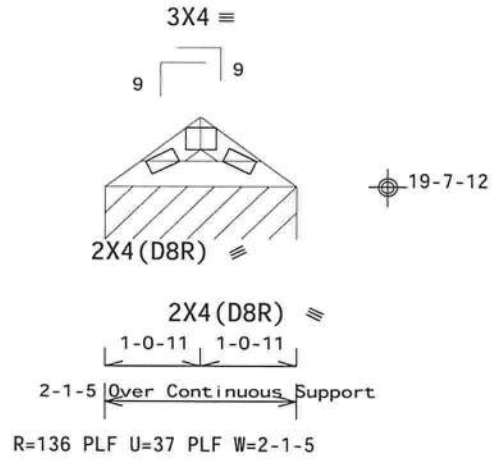
Refer to DWG PB160100212 for piggyback details.

120 mph wind, 20.19 ft mean hgt, ASCE 7-10, CLOSED bldg, Located anywhere in roof, RISK CAT II, EXP B, wind TC DL=3.5 psf, wind BC DL=5.0 psf. GCpi(+/-)=0.18

Wind loads and reactions based on MWFRS with additional C&C member design.

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

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



Design Crit: FBC2010Res/TPI-2007(STD)

PLT TYP. Wave | FT/RT=10%(0%)/0(0) | 14.03.01.0122.23 | QTY:1 | FL/-/5/-/-/R/- | Scale =.5"/Ft.

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For more information see this job's general notes page and these web sites:
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WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER
02/09/2015

TC LL	20.0 PSF	REF	R9114- 24077
TC DL	7.0 PSF	DATE	02/09/15
BC DL	10.0 PSF	DRW	HCUSR9114 15040121
BC LL	0.0 PSF	HC-ENG	WHK/WHK
TOT.LD.	37.0 PSF	SEQN-	395055
DUR.FAC.	1.25	FROM	JMW
SPACING	24.0"	JREF-	1VDT487_Z01

CLR Reinforcing Member Substitution

This detail is to be used when a Continuous Lateral Restraint (CLR) is specified on a truss design but an alternative web reinforcement method is desired.

Notes:

This detail is only applicable for changing the specified CLR shown on single ply sealed designs to T-reinforcement or L-reinforecement or scab reinforcement.

Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

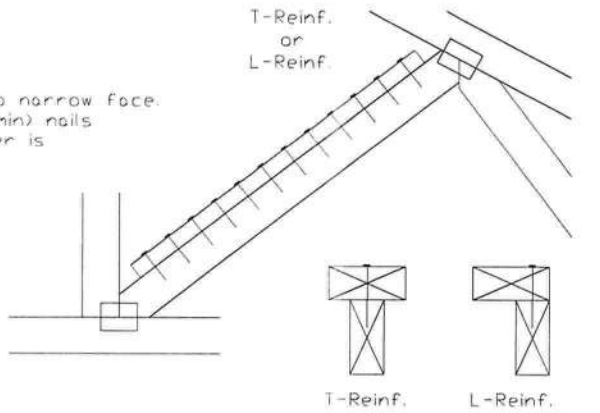
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

T-reinforcement, L-reinforcement, or scab reinforcement to be same species and grade or better than web member unless specified otherwise on Engineer's sealed design.

(*) Center scab on wide face of web. Apply (1) scab to each face of web.

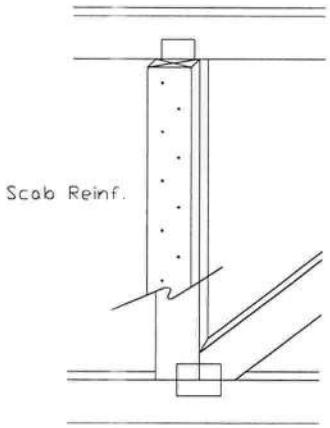
T-Reinforcement or L-Reinforcement:

Apply to either side of web narrow face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



Scab Reinforcement:

Apply scab(s) to wide face of web. No more than (1) scab per face. Attach with 10d (0.128"x3.0",min) nails at 6" o.c. Reinforcing member is a minimum 80% of web member length.



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AN ITW COMPANY
13389 Lakefront Drive
Earth City, MO 63045

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

02/09/2015

TC LL	PSF	REF CLR Subst.
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG BRCLBSUB1014
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.		
SPACING		

Gable Stud Reinforcement Detail

ASCE 7-10: 120 mph Wind Speed, 15' Mean Height, Enclosed, Exposure C, Kzt = 1.00

Or: 100 mph Wind Speed, 15' Mean Height, Partially Enclosed, Exposure C, Kzt = 1.00
Or: 100 mph Wind Speed, 15' Mean Height, Enclosed, Exposure D, Kzt = 1.00

Max Gable Vertical Length

2x4 Gable Vertical Spacing	Species	Brace Grade	No Braces	(1) 1x4 "L" Brace * Group A	(1) 1x4 "L" Brace * Group B	(1) 2x4 "L" Brace * Group A	(1) 2x4 "L" Brace * Group B	(2) 2x4 "L" Brace ** Group A	(2) 2x4 "L" Brace ** Group B	(1) 2x6 "L" Brace * Group A	(1) 2x6 "L" Brace * Group B	(2) 2x6 "L" Brace ** Group A	(2) 2x6 "L" Brace ** Group B
24" o.c.	SPF HF	#1 / #2	4' 10"	8' 2"	8' 6"	9' 8"	10' 1"	11' 6"	12' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 7"	7' 9"	8' 3"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 7"	7' 8"	8' 2"	9' 7"	9' 11"	11' 5"	11' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 7"	6' 7"	7' 0"	8' 10"	9' 5"	11' 5"	11' 10"	13' 10"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 0"	8' 4"	8' 7"	9' 10"	10' 2"	11' 8"	12' 1"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	4' 10"	8' 2"	8' 6"	9' 8"	10' 1"	11' 6"	12' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	4' 8"	7' 0"	7' 5"	9' 3"	9' 11"	11' 5"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	4' 8"	7' 0"	7' 5"	9' 3"	9' 11"	11' 5"	11' 11"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	4' 7"	6' 2"	6' 7"	8' 2"	8' 9"	11' 1"	11' 10"	12' 10"	13' 9"	14' 0"	14' 0"
16" o.c.	SPF HF	#1 / #2	5' 6"	9' 5"	9' 9"	11' 1"	11' 6"	13' 2"	13' 9"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 3"	9' 3"	9' 9"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 3"	9' 3"	9' 7"	10' 11"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 3"	8' 1"	8' 7"	10' 10"	11' 4"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	5' 9"	9' 6"	9' 10"	11' 3"	11' 8"	13' 4"	13' 10"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	5' 6"	9' 5"	9' 9"	11' 1"	11' 6"	13' 2"	13' 9"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 5"	8' 6"	9' 1"	11' 0"	11' 5"	13' 1"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 5"	8' 6"	9' 1"	11' 0"	11' 5"	13' 1"	13' 8"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 3"	7' 6"	8' 0"	10' 0"	10' 9"	13' 0"	13' 7"	14' 0"	14' 0"	14' 0"	14' 0"
12" o.c.	SPF HF	#1 / #2	6' 1"	10' 4"	10' 8"	12' 2"	12' 8"	13' 2"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 9"	10' 2"	10' 7"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 9"	10' 2"	10' 7"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 9"	9' 4"	9' 11"	12' 0"	12' 6"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
	SP DFL	#1	6' 4"	10' 6"	10' 10"	12' 4"	12' 10"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#2	6' 1"	10' 4"	10' 8"	12' 2"	12' 8"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		#3	5' 11"	9' 10"	10' 6"	12' 1"	12' 7"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Stud	5' 11"	9' 10"	10' 6"	12' 1"	12' 7"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"
		Standard	5' 9"	8' 8"	9' 3"	11' 7"	12' 5"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"	14' 0"

Bracing Group Species and Grades:

Group A:

Spruce-Pine-Fir		Hem-Fir	
#1 / #2	Standard	#2	Stud
#3	Stud	#3	Standard

Douglas Fir-Larch	Southern Pine***
#3	#3
Stud	Stud
Standard	Standard

Group B:

Hem-Fir
#1 & Btr
#1

Douglas Fir-Larch	Southern Pine***
#1	#1
#2	#2

1x4 Braces shall be SRB (Stress-Rated Board).

***For 1x4 So. Pine use only Industrial 55 or Industrial 45 Stress-Rated Boards. Group B values may be used with these grades.

Gable Truss Detail Notes:

Wind Load deflection criterion is L/240.

Provide uplift connections for 35 plf over continuous bearing (5 psf TC Dead Load).

Gable end supports load from 4' 0" outlookers with 2' 0" overhang, or 12" plywood overhang.

Attach "L" braces with 10d (0.128"x3.0" min) nails.

* For (1) "L" brace: space nails at 2" o.c. in 18" end zones and 4" o.c. between zones.

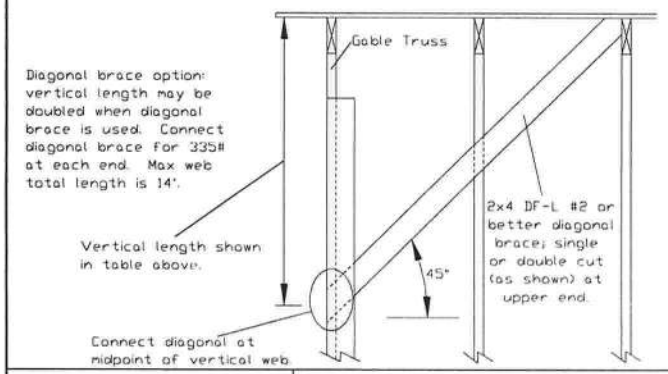
** For (2) "L" braces: space nails at 3" o.c. in 18" end zones and 6" o.c. between zones.

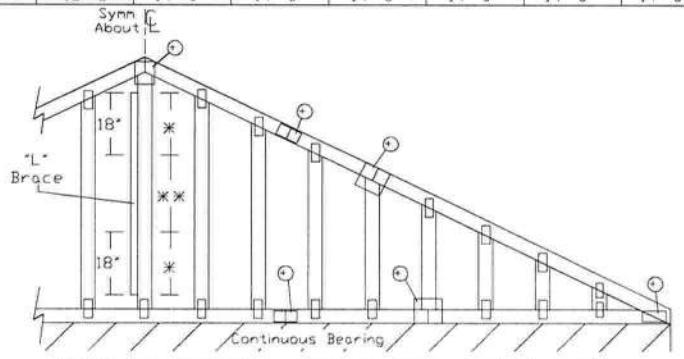
"L" bracing must be a minimum of 80% of web member length.

Gable Vertical Plate Sizes	
Vertical Length	No Splice
Less than 4' 0"	1X4 or 2X3
Greater than 4' 0", but less than 11' 6"	2X4
Greater than 11' 6"	3X4

+ Refer to common truss design for peak, splice, and heel plates.

Refer to the Building Designer for conditions not addressed by this detail.





Refer to chart above for max gable vertical length.

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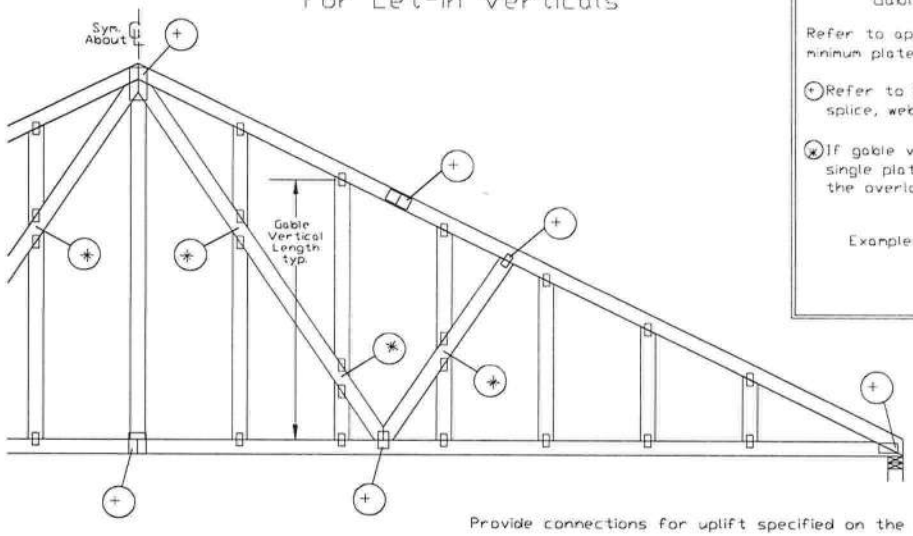
02/09/2015

MAX. TOT. L.D. 60 PSF

MAX. SPACING 24.0"

REF ASCE7-10-GAB12015
DATE 10/01/14
DRWG A12015ENC101014

Gable Detail
For Let-in Verticals



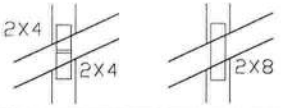
Gable Truss Plate Sizes

Refer to appropriate Alpine gable detail for minimum plate sizes for vertical studs.

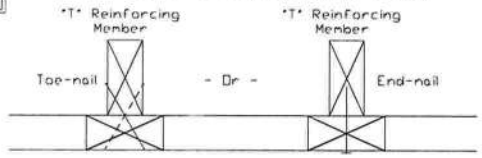
⊕ Refer to Engineered truss design for peak, splice, web, and heel plates.

⊗ If gable vertical plates overlap, use a single plate that covers the total area of the overlapped plates to span the web.

Example:



"T" Reinforcement Attachment Detail



Provide connections for uplift specified on the engineered truss design.

Attach each "T" reinforcing member with

End Driven Nails:
10d Common (0.148"x 3",min) Nails at 4" o.c. plus
(4) nails in the top and bottom chords.

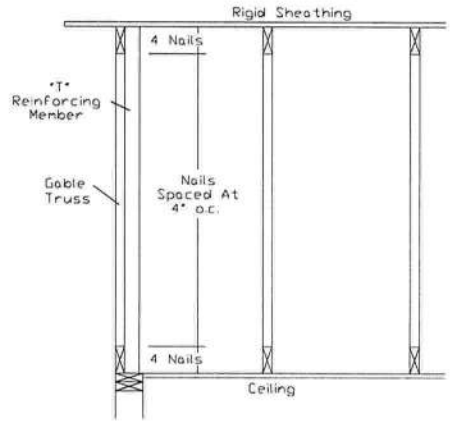
Toenailed Nails:
10d Common (0.148"x3",min) Toenails at 4" o.c. plus
(4) toenails in the top and bottom chords.

This detail to be used with the appropriate Alpine gable detail for ASCE wind load.

ASCE 7-05 Gable Detail Drawings
A13015051014, A12015051014, A11015051014, A10015051014, A14015051014, A13030051014, A12030051014, A11030051014, A10030051014, A14030051014

ASCE 7-10 Gable Detail Drawings
A11515ENC101014, A12015ENC101014, A14015ENC101014, A16015ENC101014, A18015ENC101014, A20015ENC101014, A20015END101014, A20015PED101014, A11530ENC101014, A12030ENC101014, A14030ENC101014, A16030ENC101014, A18030ENC101014, A20030ENC101014, A20030END101014, A20030PED101014

See appropriate Alpine gable detail for maximum unreinforced gable vertical length.



To convert from "L" to "T" reinforcing members, multiply "T" increase by length (based on appropriate Alpine gable detail).

Maximum allowable "T" reinforced gable vertical length is 14' from top to bottom chord.

"T" reinforcing member material must match size, specie, and grade of the "L" reinforcing member.

Web Length Increase w/ "T" Brace

"T" Reinf. Mbr. Size	"T" Increase
2x4	30 %
2x6	20 %

Example:
ASCE 7-10 Wind Speed = 120 mph
Mean Roof Height = 30 ft, Kzt = 1.00
Gable Vertical = 24"o.c. SP #3
"T" Reinforcing Member Size = 2x4
"T" Brace Increase (From Above) = 30% = 1.30
(1) 2x4 "L" Brace Length = 8' 7"
Maximum "T" Reinforced Gable Vertical Length
1.30 x 8' 7" = 11' 2"

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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 SBCA) for safety 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 of web shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpinebwc.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

WILLIAM H. KRICK
LICENSE
No. 70861
STATE OF FLORIDA
PROFESSIONAL ENGINEER

02/09/2015

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

REF	LET-IN VERT
DATE	10/01/14
DRWG	GBLLETIN1014

ASCE 7-10: 120 mph, 30' Mean Height, Closed, Exposure C
Common Residential Gable End Wind Bracing Requirements - Stiffeners

120 mph, 30ft. Mean Hgt, ASCE 7-10, Enclosed, Exp C, or
100 mph, 30ft. Mean Hgt, ASCE 7-10, Enclosed, Exp D, or
100 mph, 30ft. Mean Hgt, ASCE 7-10, Part. Enclosed, Exp C,
Kzt = 1.00, Wind TC DL=5.0 psf, Wind BC DL=5.0 psf.

Lateral chord bracing requirements
Top: Continuous roof sheathing
Bot: Continuous ceiling diaphragm

See Engineer's sealed design referencing this detail for lumber, plates, and other information not shown on this detail.

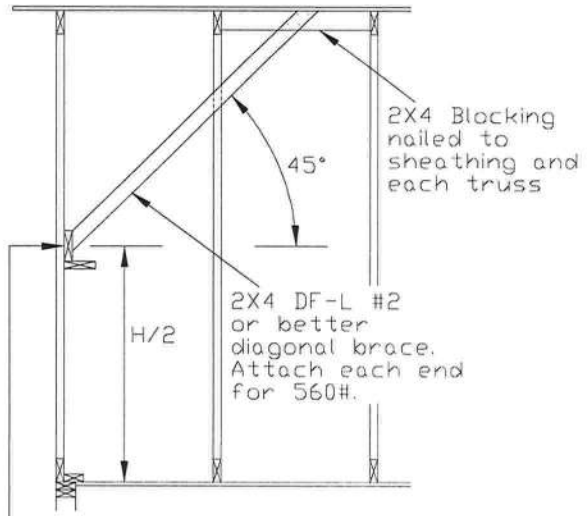
Nails: 10d box or gun (0.128"x3",min) nails.

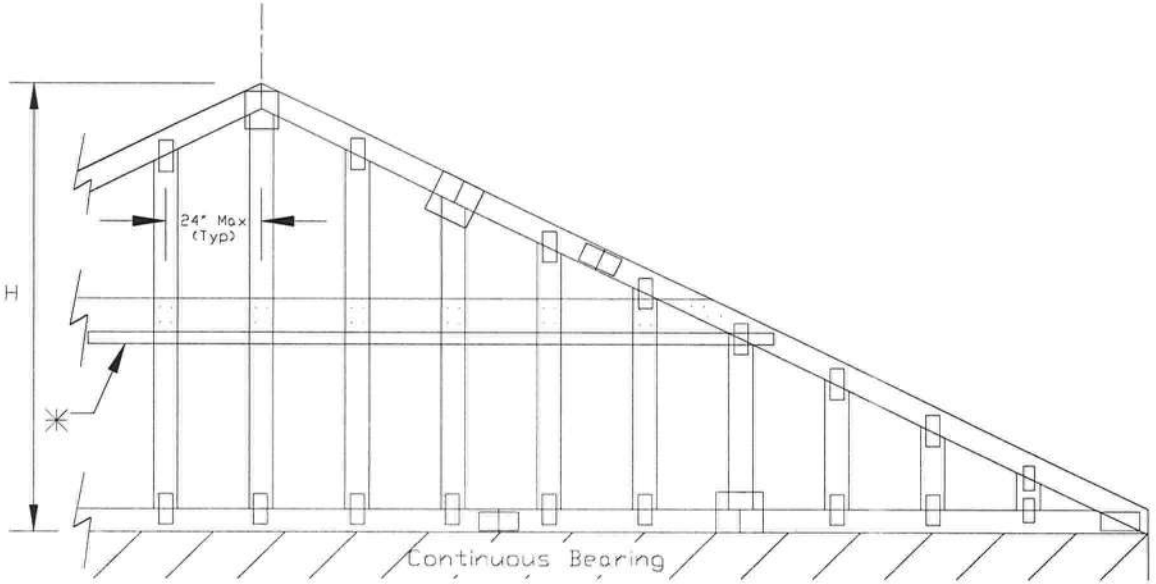
H Less than 4'6" - no stud bracing required

H Greater than 4'6" to 7'6" in length provide a 2x6 stiffback at mid-height and brace stiffback to roof diaphragm every 6'0" (see detail below or refer to DRWG A12030ENC101014).

H Greater than 7'6" to 12'0" max: provide a 2x6 stiffback at mid-height and brace to roof diaphragm every 4'0" (see detail below or refer to DRWG A12030ENC101014).

✳ Optional 2x L-reinforcement attached to stiffback with 10d box or gun (0.128" x 3", min.) nails @ 6" o.c.





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Pages 15
02/09/2015

MAX. TOT. LD. 60 PSF

MAX. SPACING

REF	GE WHALER
DATE	10/01/14
DRWG	GABRST101014

Valley Detail - ASCE 7-10: 160 mph, 30' Mean Height, Enclosed, Exp. C, Kzt=1.00

Top Chord 2x4 SP #2N, SPF #1/#2, DF-L #2 or better.
Bot Chord 2x4 SP #2N or SPF #1/#2 or better.
Webs 2x4 SP #3, SPF #1/#2, DF-L #2 or better.

** Attach each valley to every supporting truss with:
(2) 16d box (0.135" x 3.5") nails toe-nailed for
ASCE 7-10 160 mph. 30' Mean Height, Enclosed
Building, Exp. C, Wind TC DL=5 psf, Kzt = 1.00
Or
ASCE 7-10 140 mph. 30' Mean Height, Enclosed
Building, Exp. D, Wind TC DL=5 psf, Kzt = 1.00

Bottom chord may be square or pitched cut as shown.

Valleys short enough to be cut as solid triangular members from a single 2x6, or larger as required, shall be permitted in lieu of fabricating from separate 2x4 members.

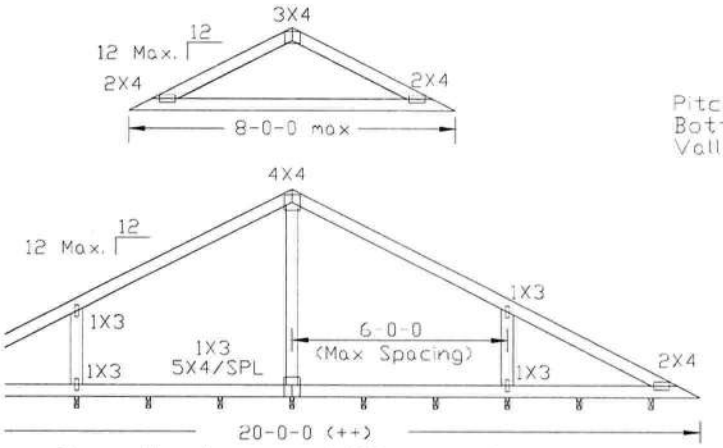
All plates shown are ITW BCG Wave Plates.

Unless specified otherwise on engineer's sealed design, for vertical valley webs taller than 7-9" apply 2x4 "T" reinforcement, 80% length of web, same species and grade or better, attached with 10d box (0.128" x 3.0") nails at 6" o.c. In lieu of "T" reinforcement, 2x4 Continuous Lateral Restraint applied at mid-length of web is permitted with diagonal bracing as shown in DRWG BRCLBANC1014.

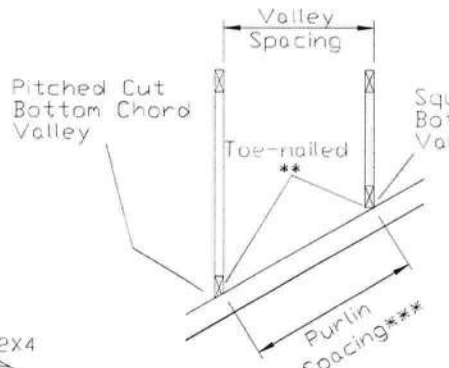
Top chord of truss beneath valley set must be braced with:
properly attached, rated sheathing applied prior to valley truss installation.
Or
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design
Or
By valley trusses used in lieu of purlin spacing as specified on Engineer's sealed design.

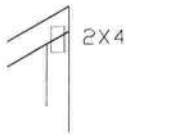
*** Note that the purlin spacing for bracing the top chord of the truss beneath the valley is measured along the slope of the top chord.

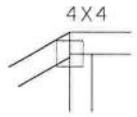
++ Larger spans may be built as long as the vertical height does not exceed 14'-0".

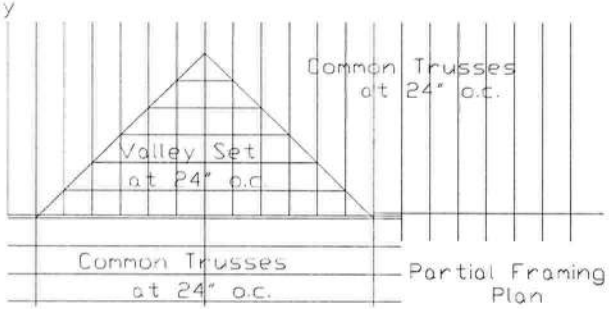


Supporting trusses at 24" o.c. maximum spacing.









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PROFESSIONAL ENGINEER

TC LL	30	30	40 PSF	
TC DL	20	15	7 PSF	
BC DL	10	10	10 PSF	
BC LL	0	0	0 PSF	
TOT. LD.	60	55	57 PSF	
DUR.FAC.	1.25/1.33	1.15	1.15	
SPACING		24.0"		

REF	VALLEY DETAIL
DATE	10/01/2014
DRWG	VAL160101014

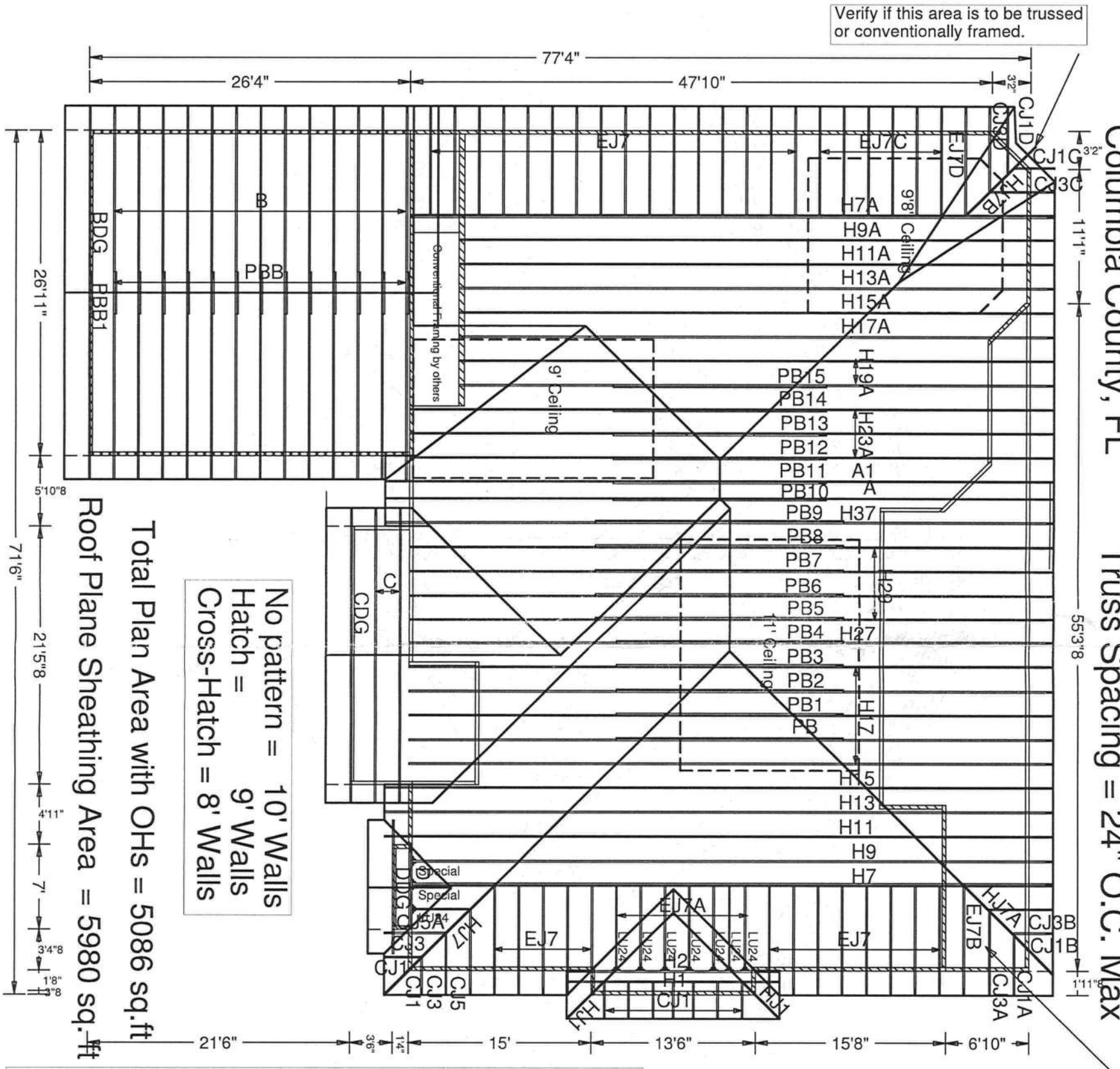
02/09/2015

Dicks' Residence

Columbia County, FL

Total Truss Quantity = 153.

Truss Spacing = 24" O.C. Max



Confirm all dimensions and bearing conditions prior to fabrication. Interiror walls shown were used for bearing. Interior bearings now shown were assumed not to be bearing.

PAGE NO: 1 OF 1	JOB NO: 15-024	Customer: BRYAN ZECHER Job Name: Dicks Residence/ Cypress : Job Numb: 15-024 Designer: Josh Anderson Salesman: CVB	: Created : 02-06-2015 : <Not Found>	ANDERSON TRUSS COMPANY "QUALITY PRE-ENGINEERED WOOD TRUSSES"