107 79.55

Columbia County New Building Permit Application

For Office Use Only Application # 44410 Date Received 1/27 By MB Permit # 39288

Zoning Official LW/CH Date 1-28-20 Flood Zone X Land Use Ag Zoning A-3

FEMA Map # _____ Elevation _____ MFE 1' above River _____ Plans Examiner T.C. Date 1-31-20

Comments Engineer Elevation letter Road 55.50 ft. Existing (2)

☑ 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

☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☐ App Fee Paid ☐ Sub VF Form

Septic Permit No. 20-0078 OR City Water ☐ Fax _____

Applicant (Who will sign/pickup the permit) Donald/Jane Wilkinson Phone 352-474-9060 352-474-9105

Address 21839 SW STATE ROAD 47 Fort White, Fl. 32038

Owners Name Same as above Phone 352-474-9060

911 Address 21839 SW State Road 47, fort White Fl 32038

Contractors Name Donald Wilkinson/owner builder Phone 352-474-9060

Address 21839 SW STATE ROAD 47 Fort White, Fl 32038

Contractor Email JWDW1490@gmail.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Gregory P. Rivers, PE FL 35800/309 Delbourne Lane Greer S.C. 29651 863-272-4516

Mortgage Lenders Name & Address N/A

Circle the correct power company ☐ FL Power & Light ☑ Clay Elec. ☐ Suwannee Valley Elec. ☐ Duke Energy

Property ID Number 17-7S-16-04232-011 Estimated Construction Cost 109000

Subdivision Name NA Lot ____ Block ____ Unit ____ Phase ____

Driving Directions from a Major Road On State Road 47 just N of 138

Construction of Single Family Home ____ Commercial OR ✓ Residential

Proposed Use/Occupancy _____ Number of Existing Dwellings on Property ____

Is the Building Fire Sprinkled? No If Yes, blueprints included ____ Or Explain _____

Circle Proposed ☐ Culvert Permit or ☐ Culvert Waiver or ☐ D.O.T. Permit or ☑ Have an Existing Drive DOT Existing

Actual Distance of Structure from Property Lines - Front 250 Side 80 Side 80 Rear 50

Number of Stories 1 Heated Floor Area 1417 Total Floor Area 1885 Acreage 2

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) _____

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 National Electrical Code.

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.

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 pursued in good faith or a permit has been issued.

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

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

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

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

Donald Wilkinson
Print Owners Name

Owners Signature

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

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

Contractor's Signature

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

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20___.

Personally known ____ **or Produced Identification** _____

SEAL:

State of Florida Notary Signature (For the Contractor)

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:
17-7S-16-04232-011

Clerk's Office Stamp

Inst: 202012002108 Date: 01/27/2020 Time: 12:50PM
Page 1 of 1 B: 1404 P: 783, P.DeWitt Cason, Clerk of Court Colum
County, By: BD
Deputy Clerk

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

1. Description of property *(legal description)*: _____
   a) Street *(job)* Address: 21839 SW STATE ROAD 47 Fort White FL 32038
2. General description of improvements: New Home
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
   a) Name and address: Donald Wilkinson
   b) Name and address of fee simple titleholder (if other than owner) 21839 SW ST RD 47 Fort White FL 32038
   c) Interest in property Owner
4. Contractor Information
   a) Name and address: Don Wilkinson 21839 SW ST RD 47 Fort White FL 32038
   b) Telephone No.: 352-474-9060
5. Surety Information (if applicable, a copy of the payment bond is attached):
   a) Name and address: _____
   b) Amount of Bond: _____
   c) Telephone No.: _____
6. Lender
   a) Name and address: _____
   b) Phone No. _____
7. Person within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
   a) Name and address: Donald Wilkinson 21839 SW ST RD 47 Fort
   b) Telephone No.: 352-474-9060
8. In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b), Florida Statutes:
   a) Name: _____ OF _____
   b) Telephone No.: _____
9. Expiration date of Notice of Commencement **(the expiration date will be 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 I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. _____
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

Donald Wilkinson
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 23 day of January, 2020 by:

donald wilkinson as owner/builder for donald wilkinson.
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known ____ OR Produced Identification ✓ Type fl drivers license

Notary Signature Meagan Cortese
Meagan Cortese

Notary Stamp or Seal:

MEAGAN CORTESE
MY COMMISSION # GG 186740
EXPIRES: February 15, 2022
Bonded Thru Notary Public Underwriters

Columbia County Property Appraiser

Jeff Hampton

2020 Working Values
updated: 1/6/2020

Parcel: << 17-7S-16-04232-011 >>

Owner & Property Info

Result: 1 of 1

Owner	NORTHERN ALACHUA HOLDINGS LLC 20638 NW 78TH AVE ALACHUA, FL 32615		
Site	21839 STATE ROAD 47 , FT WHITE		
Description*	COMM INTERS OF C/L OF SR-47 & N LINE OF NE1/4 OF SW1/4, RUN S ALONG C/L 500 FT FOR POB, R RUN S 200 FT, E 435 FT, N 200 FT, W 435 FT TO POB. 229-685, 529-521, 770-1426, DC 978-288, TD 1266-1440, FJ 1283-2459,		
Area	2 AC	S/T/R	17-7S-16
Use Code**	MISC RES (000700)	Tax District	3

*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.
**The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Sedued

Aerial Viewer Pictometery Google Maps

2019 2016 2013 2010 2007 2005 Sales

Property & Assessment Values

2019 Certified Values		2020 Working Values	
Mkt Land (2)	$20,700	Mkt Land (2)	$20,700
Ag Land (0)	$0	Ag Land (0)	$0
Building (0)	$0	Building (0)	$0
XFOB (2)	$700	XFOB (2)	$700
Just	$21,400	Just	$21,400
Class	$0	Class	$0
Appraised	$21,400	Appraised	$21,400
SOH Cap [?]	$0	SOH Cap [?]	$0
Assessed	$21,400	Assessed	$21,400
Exempt	$0	Exempt	$0
Total Taxable	county:$21,400 city:$21,400 other:$21,400 school:$21,400	Total Taxable	county:$21,400 city:$21,400 other:$21,400 school:$21,400

Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
10/29/2014	$100	1283/2459	FJ	V	U	18
12/10/2013	$7,100	1266/1440	TD	V	U	18
1/26/1993	$7,000	770/1426	WD	V	Q	

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
NONE						

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0294	SHED WOOD/	1993	$200.00	1.000	0 x 0 x 0	(000.00)
0285	SALVAGE	1989	$500.00	1.000	14 x 66 x 0	(000.00)

Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000700	MISC RES (MKT)	2.000 AC	1.00/1.00 1.00/1.00	$8,725	$17,450
009945	WELL/SEPT (MKT)	1.000 UT - (0.000 AC)	1.00/1.00 1.00/1.00	$3,250	$3,250

Search Result: 1 of 1

by: GrizzlyLogic.com

RECORD & RETURN TO:
This instrument prepared by:

Nancy J. Sullivan
20638 NW 78th Ave
Alachua, FL 32615
Parcel No. **17-7S-16-04232-011**

Inst: 201912030453 Date: 12/30/2019 Time: 1:39PM
Page 1 of 2 B: 1402 P: 664, P.DeWitt Cason, Clerk of Court Colum
County, By: BD
Deputy ClerkDoc Stamp-Deed: 0.70

WARRANTY DEED

The preparer of this instrument makes no representations or warranties concerning the accuracy of the description of the Property contained herein or the title of such Property.

THIS WARRANTY DEED made this 26 day of December, 2019 by Northern Alachua Holdings, LLC hereinafter called Grantor, whose address is 20638 NW 78th Ave, Alachua, FL 32615, and Mr. Donald Wilkinson and Mrs. Jane Wilkinson, husband and wife, hereinafter called Grantee, whose address is 21839 SW SR 47, Ft. White, FL 32038.

WITNESSETH, That said Grantor, for and in consideration of the sum of $10.00 and other valuable consideration, receipt of which 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*:

Tax Parcel **#17-7S-16-04232-011 Section 17, Township 7 South, Range 16.** COMM INTERS OF C/L OF SR-47 & N LINE OF NE1/4 OF SW1/4, RUN S ALONG C/L 500 FT FOR POB, R RUN S 200 FT, E 435 FT, N 200 FT, W 435 FT TO POB. 229-685, 529-521, 770-1426, DC 978-288, TD 1266-1440, FJ 1283-2459, BEING the same property described in the deed recorded in Official Records Book 1283 Page 2459 of the Public Records of Columbia County, Florida.

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

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

And the Grantor hereby covenants with the 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 current and all subsequent years' taxes, reservations, restrictions and easements of record, if any.

This instrument prepared at the direction of the parties and on information and a description provided by Grantor, without benefit of a title search, neither party requesting any title search. The above description herein is the same as the previous deeds of record, no boundary survey having been made at the time of this conveyance, and the preparer of this deed makes no warranty regarding said description.

IN WITNESS WHEREOF, the Grantor has hereunto set their hands and seals the day and year first above written.
Signed, sealed and delivered in our presence:

Charlotte Bell
Witness 1 signature:
Print name: Charlotte Bell

Mark P. Sullivan, Grantor
Managing Member

Leverne Hayes
Witness 2 signature: LEVERNE HAYES
Print name:

Charlotte Bell
Witness 1 signature:
Print name: Charlotte Bell

Nancy J. Sullivan, Grantor
Managing Member

Leverne Hayes
Witness 2 signature: LEVERNE HAYES
Print name:

STATE OF FLORIDA
COUNTY OF ALACHUA

The foregoing instrument was acknowledged before me this 27th day of DECEMBER, 2019, by Mark P. Sullivan and Nancy J. Sullivan, who are (✓) personally known to me or ( ) each produced a driver's license as identification.

FAITH M BROOKER
Commission # GG 204583
Expires April 28, 2022
Bonded Thru Budget Notary Services

NOTARY PUBLIC, STATE OF FLORIDA

FAITH M. BROOKER
Print, type or stamp commissioned name of notary

QUIT-CLAIM DEED

Ruth Zimmerman

RAMCO FORM 8

(for Legal lot of Record Evidence.)

This Quit-Claim Deed, *Executed this* 7th *day of* October *, A. D. 19* 83 *, by*

Glenn H. Griffith, unmarried

first party, to

F. Michael Britt and Kathleen A. Britt

whose postoffice address is 6463 Maxtown Road, Westerville, Ohio 43081

second party:

(Wherever used herein the terms "first party" and "second party" shall include singular and plural, heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

OFFICIAL RECORDS BK 0529 PG 0578

Witnesseth, *That the said first party, for and in consideration of the sum of* $3,000.00 *in hand paid by the said second party, the receipt whereof is hereby acknowledged, does hereby remise, release and quit-claim unto the said second party forever, all the right, title, interest, claim and demand which the said first party has in and to the following described lot, piece or parcel of land, situate, lying and being in the County of* Columbia *State of* Florida *, to-wit:*

Being a part of the 400 acre tract in Sections 17 and 20, Twp. 7 South, Range 16E as described in the deed from Jule E. Schmidt and Ann Lee Schmidt to Glenn H. Griffith and Mabel L. Griffith of record in Book 229, page 685, more particularly described as follows:

Commence at the intersection of the north line of the NE 1/4 of the SW 1/4 of Sect. 17, Twp. 7S, Range 16E, and the center line of Rt. #47; run thence S 14° 56' 21" West along center line of Rt. #47 500' to the point of beginning; thence continue S 14° 56' 21" along center line of Rt. #47 200'; thence 435' east to a point; thence northeasterly parallel to the center line of Rt. #47 200' to a point; thence west 435' to point of beginning containing 2 acres more or less.

DOCUMENTARY STAMP 22.50
INTANGIBLE TAX —0—
MARY B. CHILDS, CLERK OF
COURTS, COLUMBIA COUNTY
BY Howell D.C.

FILED AND RECORDED IN PUBLIC RECORDS OF COLUMBIA COUNTY
1984 JAN 24 PM 1:

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

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

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

Signed, sealed and delivered in presence of:

Carol J. Churchman

Francis L. Bailey

Glenn H. Griffith L.S.

L.S.

STATE OF ~~FLORIDA~~, OHIO
COUNTY OF FRANKLIN

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared

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

WITNESS my hand and official seal in the County and State last aforesaid this 7th day of October A. D. 1983.

Francis L. Bailey
Notary Public

FRANCIS L. BAILEY
ATTORNEY-AT-LAW
NOTARY PUBLIC, STATE OF OHIO
LIFETIME COMMISSION

This Instrument prepared by: Metz, Bailey & Spicer, Attorneys
Address Westerville, Ohio 43081

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # _____ JOB NAME Wilkinson Residence

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. 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 general contractors permit.

NOTE: *It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.*
Use website to confirm licenses: http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL ☐ CC#_____	Print Name_____ Signature_____ Company Name:_____ License #: _____ Phone #:_____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
MECHANICAL/ A/C ☐ CC#_____	Print Name_____ Signature_____ Company Name:_____ License #: _____ Phone #:_____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
PLUMBING/ GAS ☐ CC#_____	Print Name_____ Signature_____ Company Name:_____ License #: _____ Phone #:_____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
ROOFING ☐ CC#_____	Print Name_____ Signature_____ Company Name:_____ License #: _____ Phone #:_____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SHEET METAL ☐ CC#_____	Print Name_____ Signature_____ Company Name: _____ License #: _____ Phone #:_____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
FIRE SYSTEM/ SPRINKLER ☐ CC#_____	Print Name_____ Signature_____ Company Name:_____ License#: _____ Phone #:_____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SOLAR ☐ CC#_____	Print Name_____ Signature_____ Company Name: _____ License #: _____ Phone #: _____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
STATE SPECIALTY ☐ CC#_____	Print Name_____ Signature_____ Company Name: _____ License #: _____ Phone #: _____	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE

Ref: F.S. 440.103; ORD. 2016-30

COLUMBIA COUNTY BUILDING DEPARTMENT
135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Office: 386-758-1008 Fax: 386-758-2160

OWNER BUILDER DISCLOSURE STATEMENT

Florida Statutes Chapter 489.103:

1. I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

2. I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

3. I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed in Florida and to list his or her license numbers on permits and contracts.

4. I understand that I may build or improve a one-family or two-family residence or a farm outbuilding. I may also build or improve a commercial building if the costs do not exceed $75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease, unless I am completing the requirements of a building permit where the contractor listed on the permit substantially completed the project. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

5. I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

6. I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

✓ 7. I understand that it is a frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

✓ 8. I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

✓ 9. I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

✓ 10. I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at **850-487-1395** or **http://www.myfloridalicense.com/** for more information about licensed contractors.

11. I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

21839 South West State Road # 47 Fort White Florida, 32038

(Write in the address of jobsite property)

12. I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

Florida Statutes Chapter 489.503:

State law requires electrical contracting to be done by licensed electrical contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own electrical contractor even though you do not have a license. You may install electrical wiring for a farm outbuilding or a single-family or duplex residence. You may install electrical wiring in a commercial building the aggregate construction costs of which are under $75,000. The home or building must be for your own use and occupancy. It may not be built for sale or lease, unless you are completing the requirements of a building permit where the contractor listed on the permit substantially completed the project. If you sell or lease more than one building you have wired yourself within 1 year after the construction is complete, the law will presume that you built it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person as your electrical contractor. Your construction shall be done according to building codes and zoning regulations. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances.

An owner of property completing the requirements of a building permit, where the contractor listed on the permit substantially completed the project as determined by the local permitting agency, for a one-family or two family residence, townhome, accessory structure of a one-family or two-family residence or townhome or individual residential condominium unit or cooperative unit. Prior to the owner qualifying for the exemption, the owner must receive approval from the local permitting agency, and the local permitting agency must determine that the contractor substantially completed the project. An owner who qualifies for the exemption under this paragraph is not required to occupy the dwelling or unit for at least 1 year after the completion of the project.

Before a building permit shall be issued, this notarized disclosure statement must be completed and signed by the property owner and returned to the local permitting agency responsible for issuing the permit.

TYPE OF CONSTRUCTION

(✓) Single Family Dwelling ( ) Two-Family Residence ( ) Farm Outbuilding

( ) Addition, Alteration, Modification or other Improvement ( ) Electrical

( ) Other_____

( ) Contractor substantially completed project, of a _____

( ) Commercial, Cost of Construction_____ for construction of_____

I Donald Wilkinson, have been advised of the above disclosure
(Print Property Owners Name)
statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes allowing this exception for the construction permitted by Columbia County Building Permit.

Signature: _____ Date: 1 23 2020
(Signature of property owner)

NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification FL drivers license

Notary Signature Meagan Cortese Date 01.23.20 (Seal)
Meagan CORTESE

MEAGAN CORTESE
MY COMMISSION # GG 186740
EXPIRES: February 15, 2022
Bonded Thru Notary Public Underwriters

Parcels

Roads

Roads
others
Dirt
Interstate
Main
Other
Paved
Private

2018 Flood Zones

0.2 PCT ANNUAL CHANCE
A
AE
AH

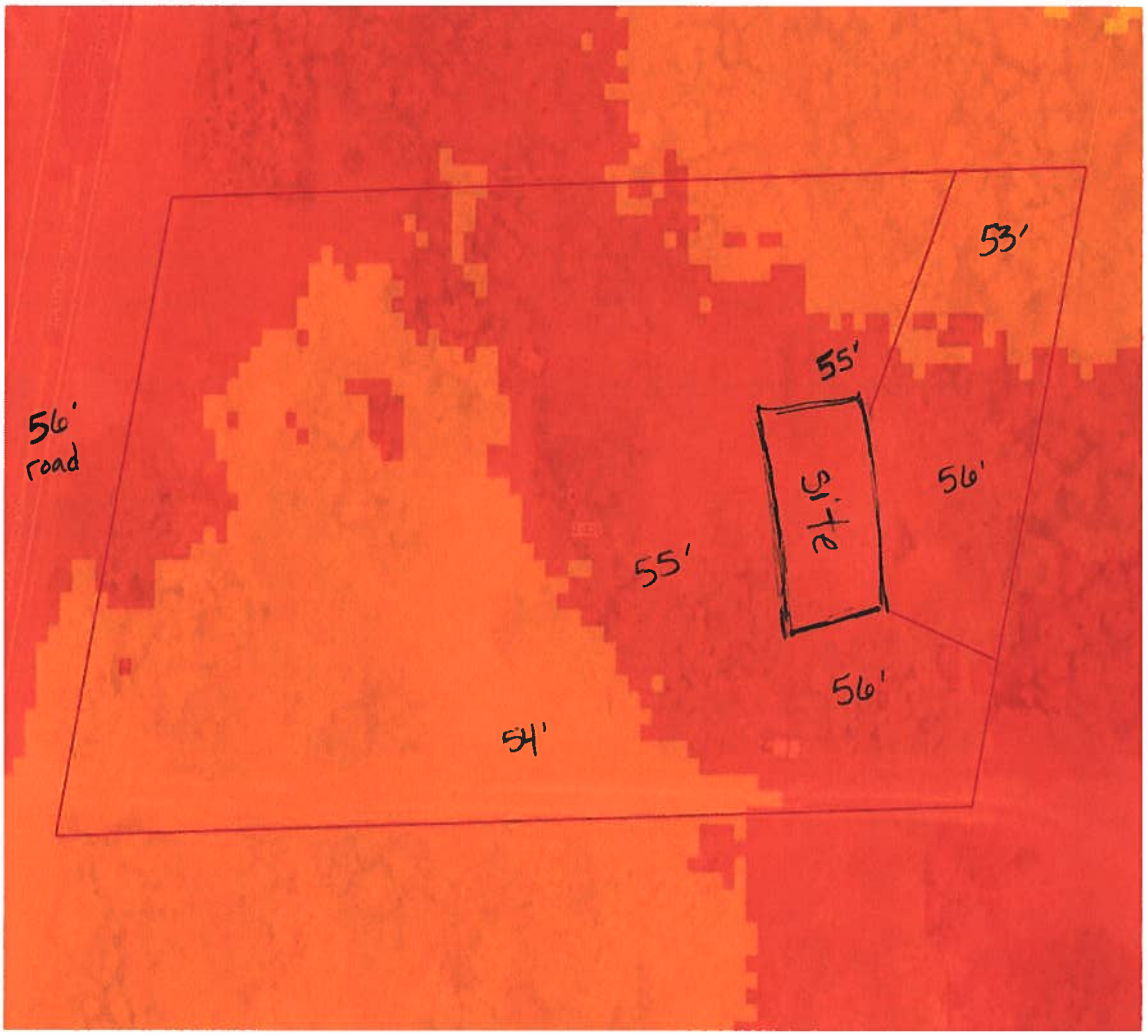
SRWMD Wetlands

2018Aerials

Addresses

LidarElevations

Printed: Tue Jan 28 2020 09:34:12 GMT-0500 (Eastern Standard Time)



Parcel Information

Parcel No: 17-7S-16-04232-011

Owner: NORTHERN ALACHUA HOLDINGS LLC

Subdivision:

Lot:

Acres: 1.71244431

Deed Acres: 2 Ac

District: District 2 Rocky Ford

Future Land Uses: Agriculture - 3

Flood Zones:

Official Zoning Atlas: A-3

Legend

2018Aerials

2018 Flood Zones
- 0.2 PCT ANNUAL CHANCE
- A
- AE
- AH

Addressing:2018 Base Flood Elevations Group

2018 Base Flood Elevations
- DEFAULT
- Base Flood Elevations

2018 Base Flood Elevation Zones
- 0.2 PCT ANNUAL CHANCE
- A
- AE
- AH

Addresses

Roads
- Roads
- others
- Dirt
- Interstate
- Main
- Other
- Paved
- Private

SRWMD Wetlands

Parcels

Columbia County, FLA - Building & Zoning Property Map

Printed: Fri Jan 31 2020 11:28:43 GMT-0500 (Eastern Standard Time)

ok for 911
Address

Parcel Information

Parcel No: 17-7S-16-04232-011

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Deed Acres: 2 Ac

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Flood Zones:

Official Zoning Atlas: A-3

SSOCOF #: _____ done by Ford's Septic on : _____ - _____ - 2020

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

PERMIT NO. 20-2078
DATE PAID: 1/30/20
FEE PAID: 310.50
RECEIPT #: 2460491

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

APPLICANT: NORTHERN ALACHUA HOLDINGS LLC / Wilkinson

AGENT: Ronald Ford - Ford's Septic TELEPHONE: 386-755-6288

MAILING ADDRESS: 116 NW Lawtey Way Lake City, Florida 32055

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: n/a BLOCK: n/a SUBDIVISION: Meets + Bounds PLATTED: _____

PROPERTY ID #: 17-7S-16-04232-011 ZONING: _____ I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 2.00 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

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

PROPERTY ADDRESS: 21839 SW STATE ROAD 47 FORT WHITE, FLORIDA 32038

DIRECTIONS TO PROPERTY:
47 South. go approx. 2 miles past Fort White. Home # 21839 on left.

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	SFR- site Built	2	1400	HEATED / COOLED SQUARE FEET
2			( )	TOTAL SQUARE FEET)
3				
4				

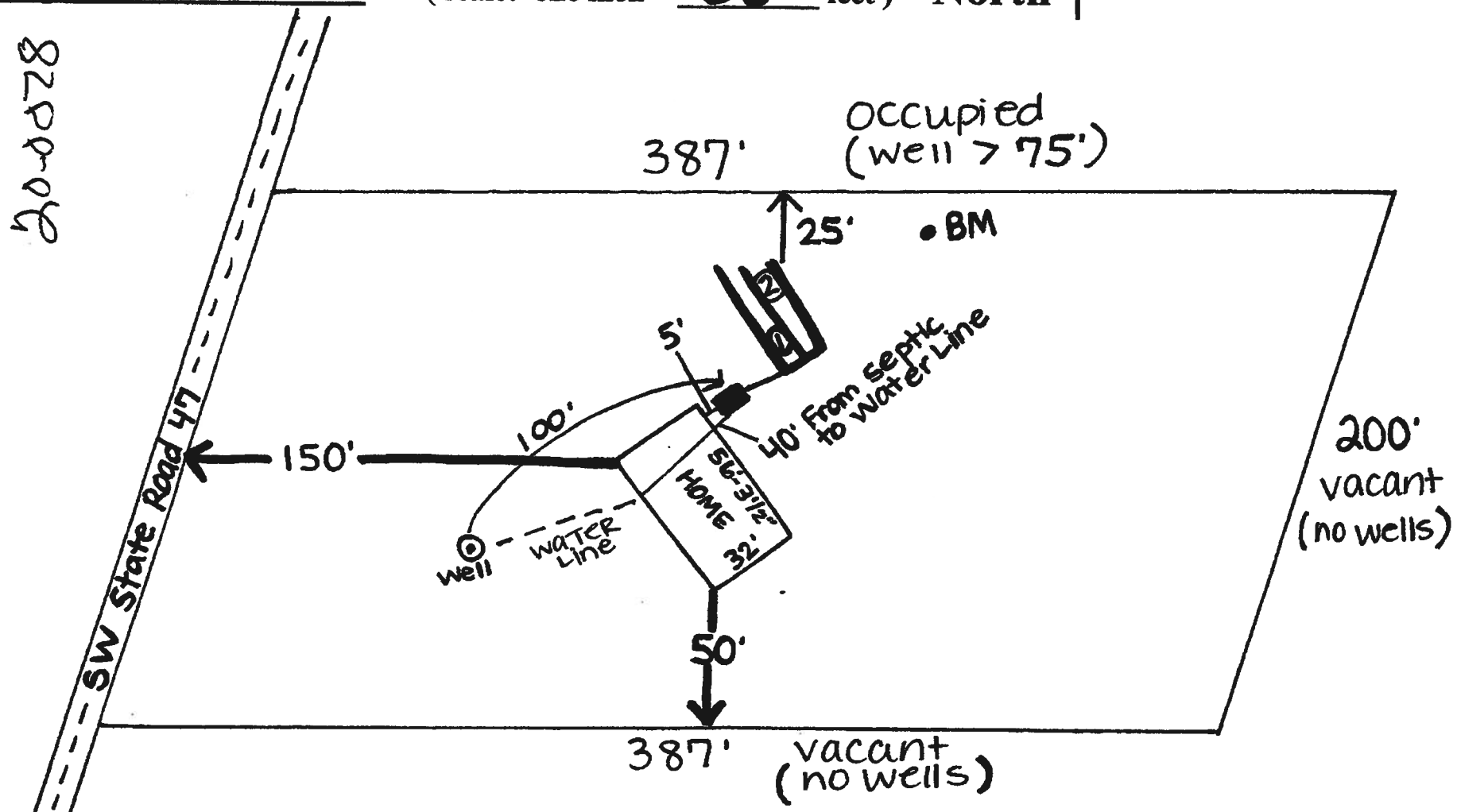
[ ] Floor/Equipment Drains [ ] Other (Specify) _____

SIGNATURE: Ronald Ford DATE: 1-29-2020

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

3/3
09:18:34 02-12-2020

site plan - PAGE 2 OF 2 (scale: one inch = 50 feet) North ↑



Address: 21839 SW State Road 47 Fort White, FL 32038

Submitted by: _____ date submitted: 01-29-2020 Approved by: _____

Ronald Ford - SM0001346
Ford's Septic Tank Service

3867582187

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

North *scale: one inch = _____ feet

Permit Application Number 20-0078

PART II – SITEPLAN

See attached.

Thank You!

Notes: * **PARCEL ID #:** 17-7S-16-04232-011

* **ADDRESS:** 21839 SW State Road 47
Fort White, Florida 32038

Site Plan submitted by: RC for - **Ronald Ford Ford's Septic Tank Service, LLC.**

Plan Approved _____ Not Approved _____ Date _____

By Steven Murphree County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2017 EFFECTIVE 1 JANUARY 2018 AND THE NATIONAL ELECTRICAL 2014 EFFECTIVE 1 JANUARY 2018

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES RESIDENTIAL AND THE NATIONAL ELECTRICAL CODE. 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, FBC 1609.3.1 THRU 1609.3.3.

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

Revised 7/1/18

Website: http://www.columbiacountyfla.com/BuildingandZoning.asp

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

Items to Include- Each Box shall be Circled as Applicable

Select From Drop down

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.)** 1408	**Total (Sq. Ft.) under roof** 1940	Yes	No	NA

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 107.1.

Site Plan information including:

4	Dimensions of lot or parcel of land	-	200 X	435
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**	Yes	No	NA

Select From Drop down

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	- N/A		
18	Location and size of skylights with Florida Product Approval	- N/A		
19	Number of stories	- 1		
20	Building height from the established grade to the roofs highest peak	- ✓		

Floor Plan Including:

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	- ✓		
22	Raised floor surfaces located more than 30 inches above the floor or grade	- ✓		
23	All exterior and interior shear walls indicated	- ✓		
24	Shear wall opening shown (Windows, Doors and Garage doors)	- ✓		
25	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.	- ✓		
26	Safety glazing of glass where needed	- ✓		
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	- ✓		
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	- ✓		
29	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

		Select From Drop down		
30	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	- ✓		
31	All posts and/or column footing including size and reinforcing	- ✓		
32	Any special support required by soil analysis such as piling.	- ✓		
33	Assumed load-bearing valve of soil _____ Pound Per Square Foot	- ✓		
34	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

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

FBCR 318: PROTECTION AGAINST TERMITES

37	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)

38	Show all materials making up walls, wall height, and Block size, mortar type	- ✓		
39	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

40	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	- ✓		
41	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	- ✓		
42	Girder type, size and spacing to load bearing walls, stem wall and/or priers	-		
43	Attachment of joist to girder	-		
44	Wind load requirements where applicable	-		
45	Show required under-floor crawl space	-		
46	Show required amount of ventilation opening for under-floor spaces	-		
47	Show required covering of ventilation opening	-		
48	Show the required access opening to access to under-floor spaces	-		
49	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing	-		
50	Show Draftstopping, Fire caulking and Fire blocking	-		
51	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	-		
52	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

Select from Drop down

53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	- ✓		
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	- ✓		
55	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	- ✓		
56	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	- ✓		
57	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBC-R602.7.	- ✓		
58	Indicate where pressure treated wood will be placed	- ✓		
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	- ✓		
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	- ✓		

FBCR :ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10. 1 Wood trusses	- ✓		
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	- ✓		
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	- ✓		
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	- ✓		
65	Provide dead load rating of trusses	-		

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

72	Include all materials which will make up the roof assembles covering	-			
73	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 Chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted,** *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable			
		Select from Drop Down			
74	Show the insulation R value for the following areas of the structure	- ✓			
75	Attic space	- N/A			
76	Exterior wall cavity	- N/A			
77	Crawl space	- N/A			

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

83	Pump motor horse power	- ✓			
84	Reservoir pressure tank gallon capacity	- ✓			
85	Rating of cycle stop valve if used	- ✓			

Electrical layout shown including

86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	- ✓			
87	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**	- ✓			
88	Show the location of smoke detectors & Carbon monoxide detectors	- ✓			
89	Show service panel, sub-panel, location(s) and total ampere ratings	- ✓			
90	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	- ✓			
91	Appliances and HVAC equipment and disconnects	- ✓			
92	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.	- ✓			

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 performed.

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

****ITEMS 95, 96, & 98 Are Required After APPROVAL from the ZONING DEPT.****

Select from Drop down

93	**Building Permit Application** A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a **$15.00** application fee. The completed application with attached documents and application fee can be mailed.	-	✓		
94	**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 required. www.columbiacountyfla.com	-	✓		
95	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	-	✓		
96	**City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031	-	✓		
97	**Toilet facilities shall be provided for all construction sites**	-	✓		
98	**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.	-	✓		
99	**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 (Municode.com)	-	✓		
100	**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.	-	✓		
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**	-	✓		
102	**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.	-	✓		
103	**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.	-	✓		

Ordinance Sec. 90-75. - Construction debris. (e) It shall be unlawful for any person to dispose of or discard solid waste, including construction or demolition debris at any place within the county other than on an authorized disposal site or at the county's solid waste facilities. The temporary storage, not to exceed seven days of solid waste (excluding construction and demolition debris) on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance, shall not be deemed a violation of this section. The temporary storage of construction and demolition debris on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance shall not be deemed in violation of this section; provided, however, such construction and demolition debris must be disposed of in accordance with this article prior to the county's issuance of a certificate of occupancy for the premises. The burning of lumber from a construction or demolition project or vegetative trash when done so with legal and proper permits from the authorized agencies and in accordance with such agencies' rules and regulations, shall not be deemed a violation of this section. No person shall bury, throw, place, or deposit, or cause to be buried, thrown, placed, or deposited, any solid waste, special waste, or debris of any kind into or on any of the public streets, road right-of-way, highways, bridges, alleys, lanes, thoroughfares, waters, canals, or vacant lots or lands within the county. No person shall bury any vegetative trash on any of the public streets, road right-of-way, highways, bridges, lanes, thoroughfares, waters, canals, or lots less than ten acres in size within the county.

Disclosure Statement for Owner Builders:

If you as the Applicant will be acting as your own contractor or owner/builder under section 489.103(7) Florida Statutes, you must submit the required notarized Owner Builder Disclosure Statement form.

**This form can be printed from the Columbia County Website on the Building and Zoning page under Documents. Web address is - http://www.columbiacountyfla.com/BuildingandZoning.asp

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.

Notification:

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.

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

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

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

NOTES: _____

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

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS	Jeldwen	3.0 X 6.8 Fibreglass	FL13541-R16
A. SWINGING	Jeld-wen	3.0 x 6.8 and 3.0 X 8.0 Fibreglass	FL 16674.2
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER	Dyke Industries	668 Plastipro	FL15215-R3
2. WINDOWS			
A. SINGLE/DOUBLE HUNG			
B. HORIZONTAL SLIDER			
C. CASEMENT	Sierra Pacific	Clad Casement Windows	FL 21154-R1
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Hardie Plank	Lap Siding	FL 13192-R5
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCT METAL	Capital Metal	Rib Roof Panel	17792.1R2
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	Amerimax	13" X144" White Alum. Soffit	FL5896.1
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	MiTek		
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

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

NOTES: _____

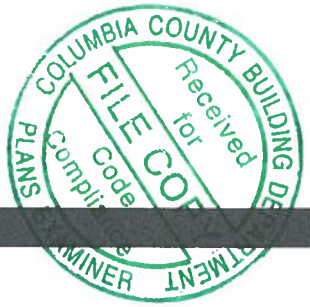
wrightsoft **Project Summary**
Entire House

Job: Wilkinson - Wilson
Date: Jan 10, 2020
By: JLB

Project Information

For: Wilkinson - Wilson
FL

Notes:



Design Information

Weather: Gainesville Rgnl, 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	47	gr/lb

Heating Summary

Structure	17581	Btuh
Ducts	5798	Btuh
Central vent (0 cfm) (none)	0	Btuh
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	23379	Btuh

Sensible Cooling Equipment Load Sizing

Structure	16349	Btuh
Ducts	7473	Btuh
Central vent (0 cfm) (none)	0	Btuh
Blower	0	Btuh
Use manufacturer's data	n	
Rate/swing multiplier	0.97	
Equipment sensible load	23084	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

	Heating	Cooling
Area (ft²)	1424	1424
Volume (ft³)	11392	11392
Air changes/hour	0.45	0.23
Equiv. AVF (cfm)	85	44

Latent Cooling Equipment Load Sizing

Structure	1985	Btuh
Ducts	1565	Btuh
Central vent (0 cfm) (none)	0	Btuh
Equipment latent load	3550	Btuh
Equipment Total Load (Sen+Lat)	26635	Btuh
Req. total capacity at 0.80 SHR	2.4	ton

Heating Equipment Summary

Make	Rheem
Trade	RHEEM
Model	RP1430AJ1NA
AHRI ref	7489175

Efficiency	8.2 HSPF	
Heating input		
Heating output	27400	Btuh @ 47°F
Temperature rise	26	°F
Actual air flow	960	cfm
Air flow factor	0.041	cfm/Btuh
Static pressure	0.54	in H2O

Space thermostat
Capacity balance point = 30 °F

Backup:
Input = 7 kW, Output = 23399 Btuh, 100 AFUE

Cooling Equipment Summary

Make	Rheem
Trade	RHEEM
Cond	RP1430AJ1NA
Coil	RH1T3617STANJA
AHRI ref	7489175

Efficiency	11.5 EER, 14 SEER	
Sensible cooling	23040	Btuh
Latent cooling	5760	Btuh
Total cooling	28800	Btuh
Actual air flow	960	cfm
Air flow factor	0.040	cfm/Btuh
Static pressure	0.54	in H2O
Load sensible heat ratio	0.87	

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

FORM R405-2017

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Wilkinson - Wilson	Builder Name:	
Street:		Permit Office:	
City, State, Zip:	, FL ,	Permit Number:	
Owner:	Wilkinson - Wilson	Jurisdiction:	
Design Location:	FL, Gainesville	County:	Alachua (Florida Climate Zone 2)

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	1
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft²)	1424
Conditioned floor area below grade (ft²)	0

7. Windows(111.6 sqft.)	Description	Area
a. U-Factor: SHGC:	Dbl, U=0.35 SHGC=0.25	111.64 ft²
b. U-Factor: SHGC:	N/A	ft²
c. U-Factor: SHGC:	N/A	ft²
d. U-Factor: SHGC:	N/A	ft²
Area Weighted Average Overhang Depth:		1.000 ft.
Area Weighted Average SHGC:		0.250

8. Floor Types (1423.9 sqft.)	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1423.90 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types (1224.0 sqft.)	Insulation	Area
a. Concrete Block - Int Insul, Exterior	R=5.0	1224.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types (1430.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	1430.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: Main	6	200

12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	28.8	SEER:14.00

13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	28.8	HSPF:8.20

14. Hot water systems
a. Electric — Cap: 40 gallons, EF: 0.950

b. Conservation features
None

15. Credits — Pstat

COLUMBIA COUNTY BUILDING DEPARTMENT — Reviewed For Code Compliance — FILE COPY — PLANS EXAMINER

Glass/Floor Area: 0.078

Total Proposed Modified Loads: 35.59
Total Baseline Loads: 37.17

PASS

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

PREPARED BY: David Marrs
DATE: 1/15/20

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

OWNER/AGENT: _____
DATE: _____

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

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

BUILDING OFFICIAL: _____
DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).
- Compliance with a proposed duct leakage Qn requires a Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Wilkinson - Wilson	Bedrooms:	1	Address Type:	Street Address
Building Type:	User	Conditioned Area:	1424	Lot #	
Owner Name:	Wilkinson - Wilson	Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:		Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:	No	County:	Alachua
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	, FL ,
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	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	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	1424	11392

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1424	11392	Yes	2	1	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	153 ft		1423.94 ft	----	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or Shed	Composition shingles	1593 ft²	356 ft²	Medium	N	0.9	N	0.9	No	0	26.6

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1424 ft²	Y	N

CEILING

√	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	Blown	1430 ft²	0.1	Wood

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

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	Concrete Block - Int Insul	Main	5	32	0	8	0	256.0 ft²	0	0	0.8	0
___	2	E	Exterior	Concrete Block - Int Insul	Main	5	44	6	8	0	356.0 ft²	0	0	0.8	0
___	3	S	Exterior	Concrete Block - Int Insul	Main	5	32	0	8	0	256.0 ft²	0	0	0.8	0
___	4	W	Exterior	Concrete Block - Int Insul	Main	5	44	6	8	0	356.0 ft²	0	0	0.8	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
_____	1	N	Wood	Main	None	.39	3		6	8	20 ft²
_____	2	E	Wood	Main	None	.39	3		6	8	20.1 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	n	1	Metal	Low-E Double	Yes	0.35	0.25	N	10.5 ft²	1 ft 0 in	1 ft 0 in	Drapes/blinds	None
_____	2	e	2	Metal	Low-E Double	Yes	0.35	0.25	N	45.9 ft²	1 ft 0 in	1 ft 0 in	Drapes/blinds	None
_____	3	s	3	Metal	Low-E Double	Yes	0.35	0.25	N	11.5 ft²	1 ft 0 in	1 ft 0 in	Drapes/blinds	None
_____	4	w	4	Metal	Low-E Double	Yes	0.35	0.25	N	6.8 ft²	1 ft 0 in	1 ft 0 in	Drapes/blinds	None
_____	5	W	4	Metal	Low-E Double	Yes	0.35	0.25	N	36.9 ft²	1 ft 0 in	1 ft 0 in	Drapes/blinds	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000254	949.3	52.12	98.01	.0956	5

HEATING SYSTEM

√	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump/	Split	Singl	HSPF:8.2	28.8 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit/	Split	Singl	SEER: 14	28.8 kBtu/hr	cfm	0.8	1	sys#1

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Main	0.95	40 gal	40 gal	120 deg	None

FORM R405-2017 **INPUT SUMMARY CHECKLIST REPORT**

SOLAR HOT WATER SYSTEM

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

DUCTS

√	#	Supply Location	Supply R-Value	Supply Area	Return Location	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
_____	1	Attic	6	200 ft²	Attic	100 ft²	Prop. Leak Free	Main	--- cfm	42.7 cfm	0.03	0.50	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

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.	0 ft²	0 ft	0.3	Main

2017 - AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA

TABLE 402.4.1.1
AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA

				CHECK
Project Name:	Wilkinson - Wilson	Builder Name:		
Street:		Permit Office:		
City, State, Zip:	, FL ,	Permit Number:		
Owner:	Wilkinson - Wilson	Jurisdiction:		
Design Location:	FL, Gainesville			

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA	
General requirements	A continuous air barrier shall be installed in the building envelope. The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	Air-permeable insulation shall not be used as a sealing material.	
Ceiling/attic	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier shall be sealed. Access openings, drop down stairs or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.	
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed. Knee walls shall be sealed.	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.	
Windows, skylights and doors	The space between window/door jambs and framing, and skylights and framing shall be sealed.		
Rim joists	Rim joists shall include the air barrier.	Rim joists shall be insulated.	
Floors (including above-garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.	
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	Where provided instead of floor insulation, insulation shall be permanently attached to the crawlspace	
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.		
Narrow cavities		Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity spaces.	
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.		
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the drywall.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.	
Plumbing and wiring		Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.	
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall be insulated.	
Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed.		
HVAC register boots	HVAC register boots that penetrate building thermal envelope shall be sealed to the sub-floor or drywall.		
Concealed sprinklers	When required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids between fire sprinkler cover plates and walls or ceilings.		

a. In addition, inspection of log walls shall be in accordance with the provisions of ICC-400.

Florida Building Code, Energy Conservation, 6th Edition (2017)
Mandatory Requirements for Residential Performance, Prescriptive and ERI Methods

ADDRESS: , FL , Permit Number:

MANDATORY REQUIREMENTS See individual code sections for full details.

SECTION R401 GENERAL

☐ **R401.3 Energy Performance Level (EPL) display card (Mandatory).** The building official shall require that an energy performance level (EPL) display card be completed and certified by the builder to be accurate and correct before final approval of the building for occupancy. Florida law (Section 553.9085, Florida Statutes) requires the EPL display card to be included as an addendum to each sales contract for both presold and nonpresold residential buildings. The EPL display card contains information indicating the energy performance level and efficiencies of components installed in a dwelling unit. The building official shall verify that the EPL display card completed and signed by the builder accurately reflects the plans and specifications submitted to demonstrate code compliance for the building. A copy of the EPL display card can be found in Appendix RD.

☐ **R402.4 Air leakage (Mandatory).** The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of Sections R402.4.1 through R402.4.5.

Exception: Dwelling units of R-2 Occupancies and multiple attached single family dwellings shall be permitted to comply with Section C402.5.

☐ **R402.4.1 Building thermal envelope.** The building thermal envelope shall comply with Sections R402.4.1.1 and R402.4.1.2. The sealing methods between dissimilar materials shall allow for differential expansion and contraction.

☐ **R402.4.1.1 Installation.** The components of the building thermal envelope as listed in Table R402.4.1.1 shall be installed in accordance with the manufacturer's instructions and the criteria listed in Table R402.4.1.1, as applicable to the method of construction. Where required by the code official, an approved third party shall inspect all components and verify compliance.

☐ **R402.4.1.2 Testing.** The building or dwelling unit shall be tested and verified as having an air leakage rate not exceeding seven air changes per hour in Climate Zones 1 and 2, and three air changes per hour in Climate Zones 3 through 8. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7), Florida Statutes, or individuals licensed as set forth in Section 489.105(3)(f), (g) or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the code official. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.

Exception: Testing is not required for additions, alterations, renovations, or repairs, of the building thermal envelope of existing buildings in which the new construction is less than 85 percent of the building thermal envelope.

During testing:
1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.
3. Interior doors, if installed at the time of the test, shall be open.
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed.
5. Heating and cooling systems, if installed at the time of the test, shall be turned off.
6. Supply and return registers, if installed at the time of the test, shall be fully open.

☐ **R402.4.2 Fireplaces.** New wood-burning fireplaces shall have tight-fitting flue dampers or doors, and outdoor combustion air. Where using tight-fitting doors on factory-built fireplaces listed and labeled in accordance with UL 127, the doors shall be tested and listed for the fireplace. Where using tight-fitting doors on masonry fireplaces, the doors shall be listed and labeled in accordance with UL 907.

☐ **R402.4.3 Fenestration air leakage.** Windows, skylights and sliding glass doors shall have an air infiltration rate of no more than 0.3 cfm per square foot (1.5 L/s/m2), and swinging doors no more than 0.5 cfm per square foot (2.6 L/s/m2), when tested according to NFRC 400 or AAMA/ WDMA/CSA 101/I.S.2/A440 by an accredited, independent laboratory and listed and labeled by the manufacturer.

Exception: Site-built windows, skylights and doors.

MANDATORY REQUIREMENTS - (Continued)

R402.4.4 Rooms containing fuel-burning appliances. In Climate Zones 3 through 8, where open combustion air ducts provide combustion air to open combustion fuel burning appliances, the appliances and combustion air opening shall be located outside the building thermal envelope or enclosed in a room, isolated from inside the thermal envelope. Such rooms shall be sealed and insulated in accordance with the envelope requirements of Table R402.1.2, where the walls, floors and ceilings shall meet not less than the basement wall R-value requirement. The door into the room shall be fully gasketed and any water lines and ducts in the room insulated in accordance with Section R403. The combustion air duct shall be insulated where it passes through conditioned space to a minimum of R-8.

Exceptions:

1. Direct vent appliances with both intake and exhaust pipes installed continuous to the outside.
2. Fireplaces and stoves complying with Section R402.4.2 and Section R1006 of the Florida Building Code, Residential.

R402.4.5 Recessed lighting. Recessed luminaires installed in the building thermal envelope shall be sealed to limit air leakage between conditioned and unconditioned spaces. All recessed luminaires shall be IC-rated and labeled as having an air leakage rate not more than 2.0 cfm (0.944 L/s) when tested in accordance with ASTM E283 at a 1.57 psf (75 Pa) pressure differential. All recessed luminaires shall be sealed with a gasket or caulk between the housing and the interior wall or ceiling covering.

SECTION R403 SYSTEMS

R403.1 Controls.

R403.1.1 Thermostat provision (Mandatory). At least one thermostat shall be provided for each separate heating and cooling system.

R403.1.3 Heat pump supplementary heat (Mandatory). Heat pumps having supplementary electric-resistance heat shall have controls that, except during defrost, prevent supplemental heat operation when the heat pump compressor can meet the heating load.

R403.3.2 Sealing (Mandatory) All ducts, air handlers, filter boxes and building cavities that 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 C403.2.9.2 of the Commercial Provisions of this code and shall be shown to meet duct tightness criteria below.

Duct tightness shall be verified by testing in accordance with ANSI/RESNET/ICC 380 by either individuals as defined in Section 553.993(5) or (7), Florida Statutes, or individuals licensed as set forth in Section 489.105(3)(f), (g) or (i), Florida Statutes, to be "substantially leak free" in accordance with Section R403.3.3.

R403.3.2.1 Sealed air handler. Air handlers shall have a manufacturer's designation for an air leakage of no more than 2 percent of the design airflow rate when tested in accordance with ASHRAE 193.

R403.3.3 Duct testing (Mandatory). Ducts shall be pressure tested to determine air leakage by one of the following methods:

1. Rough-in test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the system, including the manuf air handler enclosure if installed at the time of the test. All registers shall be taped or otherwise sealed during the test.
2. Postconstruction test: Total leakage shall be measured with a pressure differential of 0.1 inch w.g. (25 Pa) across the entire system, including the manufacturer's air handler enclosure. Registers shall be taped or otherwise sealed during the test.

Exceptions:

1. A duct air leakage test shall not be required where the ducts and air handlers are located entirely within the building thermal envelope.
2. Duct testing is not mandatory for buildings complying by Section 405 of this code.

A written report of the results of the test shall be signed by the party conducting the test and provided to the code official.

R403.3.5 Building cavities (Mandatory). Building framing cavities shall not be used as ducts or plenums.

R403.4 Mechanical system piping insulation (Mandatory). Mechanical system piping capable of carrying fluids above 105°F (41°C) or below 55°F (13°C) shall be insulated to a minimum of R-3.

R403.4.1 Protection of piping insulation. Piping insulation exposed to weather shall be protected from damage, including that caused by sunlight, moisture, equipment maintenance and wind, and shall provide shielding from solar radiation that can cause degradation of the material. Adhesive tape shall not be permitted.

R403.5.1 Heated water circulation and temperature maintenance systems (Mandatory) Heated water circulation systems shall be in accordance with Section R403.5.1.1. Heat trace temperature maintenance systems shall be in accordance with Section R403.5.1.2. Automatic controls, temperature sensors and pumps shall be accessible. Manual controls shall be readily accessible.

R403.5.1.1 Circulation systems. Heated water circulation systems shall be provided with a circulation pump. The system return pipe shall be a dedicated return pipe or a cold water supply pipe. Gravity and thermosiphon circulation systems shall be prohibited. Controls for circulating hot water system pumps shall start the pump based on the identification of a demand for hot water within the occupancy. The controls shall automatically turn off the pump when the water in the circulation loop is at the desired temperature and when there is no demand for hot water.

R403.5.1.2 Heat trace systems. Electric heat trace systems shall comply with IEEE 515.1 or UL 515. Controls for such systems shall automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping in accordance with the times when heated water is used in the occupancy.

MANDATORY REQUIREMENTS - (Continued)

R403.5.5 Heat traps (Mandatory). Storage water heaters not equipped with integral heat traps and having vertical pipe risers shall have heat traps installed on both the inlets and outlets. External heat traps shall consist of either a commercially available heat trap or a downward and upward bend of at least 3 ½ inches (89 mm) in the hot water distribution line and cold water line located as close as possible to the storage tank.

R403.5.6 Water heater efficiencies (Mandatory).

R403.5.6.1.1 Automatic controls. Service water-heating systems shall be equipped with automatic temperature controls capable of adjustment from the lowest to the highest acceptable temperature settings for the intended use. The minimum temperature setting range shall be from 100°F to 140°F (38°C to 60°C).

R403.5.6.1.2 Shut down. A separate switch or a clearly marked circuit breaker shall be provided to permit the power supplied to electric service systems to be turned off. A separate valve shall be provided to permit the energy supplied to the main burner(s) of combustion types of service water-heating systems to be turned off.

R403.5.6.2 Water-heating equipment. Water-heating equipment installed in residential units shall meet the minimum efficiencies of Table C404.2 in Chapter 4 of the Florida Building Code, Energy Conservation, Commercial Provisions, for the type of equipment installed. Equipment used to provide heating functions as part of a combination system shall satisfy all stated requirements for the appropriate water-heating category. Solar water heaters shall meet the criteria of Section R403.5.6.2.1.

R403.5.6.2.1 Solar water-heating systems. Solar systems for domestic hot water production are rated by the annual solar energy factor of the system. The solar energy factor of a system shall be determined from the Florida Solar Energy Center Directory of Certified Solar Systems. Solar collectors shall be tested in accordance with ISO Standard 9806, Test Methods for Solar Collectors, and SRCC Standard TM-1, Solar Domestic Hot Water System and Component Test Protocol. Collectors in installed solar water-heating systems should meet the following criteria:

1. Be installed with a tilt angle between 10 degrees and 40 degrees of the horizontal; and
2. Be installed at an orientation within 45 degrees of true south.

R403.6 Mechanical ventilation (Mandatory). The building shall be provided with ventilation that meets the requirements of the Florida Building Code, Residential, or Florida Building Code, Mechanical, as applicable, or with other approved means of ventilation including: Natural, Infiltration or Mechanical means. Outdoor air intakes and exhausts shall have automatic or gravity dampers that close when the ventilation system is not operating.

R403.6.1 Whole-house mechanical ventilation system fan efficacy. When installed to function as a whole-house mechanical ventilation system, fans shall meet the efficacy requirements of Table R403.6.1.

Exception: Where whole-house mechanical ventilation fans are integral to tested and listed HVAC equipment, they shall be powered by an electronically commutated motor.

R403.6.2 Ventilation air. Residential buildings designed to be operated at a positive indoor pressure or for mechanical ventilation shall meet the following criteria:

1. The design air change per hour minimums for residential buildings in ASHRAE 62.2, Ventilation for Acceptable Indoor Air Quality, shall be the maximum rates allowed for residential applications.
2. No ventilation or air-conditioning system make-up air shall be provided to conditioned space from attics, crawlspaces, attached enclosed garages or outdoor spaces adjacent to swimming pools or spas.
3. If ventilation air is drawn from enclosed space(s), then the walls of the space(s) from which air is drawn shall be insulated to a minimum of R-11 and the ceiling shall be insulated to a minimum of R-19, space permitting, or R-10 otherwise.

R403.7 Heating and cooling equipment (Mandatory).

R403.7.1 Equipment sizing. Heating and cooling equipment shall be sized in accordance with ACCA Manual S based on the equipment loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies, based on building loads for the directional orientation of the building. The manufacturer and model number of the outdoor and indoor units (if split system) shall be submitted along with the sensible and total cooling capacities at the design conditions described in Section R302.1. This Code does not allow designer safety factors, provisions for future expansion or other factors that affect equipment sizing. System sizing calculations shall not include loads created by local intermittent mechanical ventilation such as standard kitchen and bathroom exhaust systems. New or replacement heating and cooling equipment shall have an efficiency rating equal to or greater than the minimum required by federal law for the geographic location where the equipment is installed.

TABLE R403.6.1
WHOLE-HOUSE MECHANICAL VENTILATION SYSTEM FAN EFFICACY

FAN LOCATION	AIRFLOW RATE MINIMUM (CFM)	MINIMUM EFFICACY [a] (CFM/WATT)	AIRFLOW RATE MAXIMUM (CFM)
Range hoods	Any	2.8 cfm/watt	Any
In-line fan	Any	2.8 cfm/watt	Any
Bathroom, utility room	10	1.4 cfm/watt	<90
Bathroom, utility room	90	2.8 cfm/watt	Any

For SI: 1 cfm = 28.3 L/min. a. When tested in accordance with HVI Standard 916

MANDATORY REQUIREMENTS - (Continued)

☐ **R403.7.1.1 Cooling equipment capacity.** Cooling only equipment shall be selected so that its total capacity is not less than the calculated total load but not more than 1.15 times greater than the total load calculated according to the procedure selected in Section 403.7, or the closest available size provided by the manufacturer's product lines. The corresponding latent capacity of the equipment shall not be less than the calculated latent load.

The published value for AHRI total capacity is a nominal, rating-test value and shall not be used for equipment sizing. Manufacturer's expanded performance data shall be used to select cooling-only equipment. This selection shall be based on the outdoor design dry-bulb temperature for the load calculation (or entering water temperature for water-source equipment), the blower CFM provided by the expanded performance data, the design value for entering wet-bulb temperature and the design value for entering dry-bulb temperature.

Design values for entering wet-bulb and dry-bulb temperatures shall be for the indoor dry bulb and relative humidity used for the load calculation and shall be adjusted for return side gains if the return duct(s) is installed in an unconditioned space.

Exceptions:

1. Attached single- and multiple-family residential equipment sizing may be selected so that its cooling capacity is less than the calculated total sensible load but not less than 80 percent of that load.
2. When signed and sealed by a Florida-registered engineer, in attached single- and multiple-family units, the capacity of equipment may be sized in accordance with good design practice.

R403.7.1.2 Heating equipment capacity.

☐ **R403.7.1.2.1 Heat pumps.** Heat pump sizing shall be based on the cooling requirements as calculated according to Section R403.7.1.1, and the heat pump total cooling capacity shall not be more than 1.15 times greater than the design cooling load even if the design heating load is 1.15 times greater than the design cooling load.

☐ **R403.7.1.2.2 Electric resistance furnaces.** Electric resistance furnaces shall be sized within 4 kW of the design requirements calculated according to the procedure selected in Section R403.7.1.

☐ **R403.7.1.2.3 Fossil fuel heating equipment.** The capacity of fossil fuel heating equipment with natural draft atmospheric burners shall not be less than the design load calculated in accordance with Section R403.7.1.

☐ **R403.7.1.3 Extra capacity required for special occasions.** Residences requiring excess cooling or heating equipment capacity on an intermittent basis, such as anticipated additional loads caused by major entertainment events, shall have equipment sized or controlled to prevent continuous space cooling or heating within that space by one or more of the following options:

1. A separate cooling or heating system is utilized to provide cooling or heating to the major entertainment areas.
2. A variable capacity system sized for optimum performance during base load periods is utilized.

☐ **R403.8 Systems serving multiple dwelling units (Mandatory).** Systems serving multiple dwelling units shall comply with Sections C403 and C404 of the IECC—Commercial Provisions in lieu of Section R403.

☐ **R403.9 Snow melt and ice system controls (Mandatory)** Snow- and ice-melting systems, supplied through energy service to the building, shall include automatic controls capable of shutting off the system when the pavement temperature is above 50°F (10°C), and no precipitation is falling and an automatic or manual control that will allow shutoff when the outdoor temperature is above 40°F (4.8°C).

☐ **R403.10 Pools and permanent spa energy consumption (Mandatory).** The energy consumption of pools and permanent spas shall be in accordance with Sections R403.10.1 through R403.10.5.

☐ **R403.10.1 Heaters.** The electric power to heaters shall be controlled by a readily accessible on-off switch that is an integral part of the heater mounted on the exterior of the heater, or external to and within 3 feet (914 mm) of the heater. Operation of such switch shall not change the setting of the heater thermostat. Such switches shall be in addition to a circuit breaker for the power to the heater. Gas-fired heaters shall not be equipped with continuously burning ignition pilots.

☐ **R403.10.2 Time switches.** Time switches or other control methods that can automatically turn off and on according to a preset schedule shall be installed for heaters and pump motors. Heaters and pump motors that have built-in time switches shall be in compliance with this section.

Exceptions:

1. Where public health standards require 24-hour pump operation.
2. Pumps that operate solar- and waste-heat-recovery pool heating systems.
3. Where pumps are powered exclusively from on-site renewable generation.

☐ **R403.10.3 Covers.** Outdoor heated swimming pools and outdoor permanent spas shall be equipped with a vapor-retardant cover on or at the water surface or a liquid cover or other means proven to reduce heat loss.

Exception: Where more than 70 percent of the energy for heating, computed over an operation season, is from site-recovered energy, such as from a heat pump or solar energy source, covers or other vapor-retardant means shall not be required.

☐ **R403.10.4 Gas- and oil-fired pool and spa heaters.** All gas- and oil-fired pool and spa heaters shall have a minimum thermal efficiency of 82 percent for heaters manufactured on or after April 16, 2013, when tested in accordance with ANSI Z 21.56. Pool heaters fired by natural or LP gas shall not have continuously burning pilot lights.

☐ **R403.10.5 Heat pump pool heaters.** Heat pump pool heaters shall have a minimum COP of 4.0 when tested in accordance with AHRI 1160, Table 2, Standard Rating Conditions-Low Air Temperature. A test report from an independent laboratory is required to verify procedure compliance. Geothermal swimming pool heat pumps are not required to meet this standard.

☐ **R403.11 Portable spas (Mandatory).** The energy consumption of electric-powered portable spas shall be controlled by the requirements of APSP-14.

SECTION R404

ELECTRICAL POWER AND LIGHTING SYSTEMS

☐ **R404.1 Lighting equipment (Mandatory).** Not less than 75 percent of the lamps in permanently installed lighting fixtures shall be high-efficacy lamps or not less than 75 percent of the permanently installed lighting fixtures shall contain only high-efficacy lamps.

Exception: Low-voltage lighting.

R404.1.1 Lighting equipment (Mandatory). Fuel gas lighting systems shall not have continuously burning pilot lights.

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 96

The lower the Energy Performance Index, the more efficient the home.

1. New home or, addition	1. New (From Plans)
2. Single-family or multiple-family	2. Single-family
3. No. of units (if multiple-family)	3. 1
4. Number of bedrooms	4. 1
5. Is this a worst case? (yes/no)	5. No
6. Conditioned floor area (sq. ft.)	6. 1424
7. Windows, type and area	
a) U-factor:(weighted average)	7a. 0.350
b) Solar Heat Gain Coefficient (SHGC)	7b. 0.250
c) Area	7c. 111.6
8. Skylights	
a) U-factor:(weighted average)	8a. NA
b) Solar Heat Gain Coefficient (SHGC)	8b. NA
9. Floor type, insulation level:	
a) Slab-on-grade (R-value)	9a. 0.0
b) Wood, raised (R-value)	9b.
c) Concrete, raised (R-value)	9c.
10. Wall type and insulation:	
A. Exterior:	
1. Wood frame (Insulation R-value)	10A1.
2. Masonry (Insulation R-value)	10A2. 5.0
B. Adjacent:	
1. Wood frame (Insulation R-value)	10B1.
2. Masonry (Insulation R-value)	10B2.
11. Ceiling type and insulation level	
a) Under attic	11a. 30.0
b) Single assembly	11b.
c) Knee walls/skylight walls	11c.
d) Radiant barrier installed	11d. No
12. Ducts, location & insulation level	
a) Supply ducts	R 6.0
b) Return ducts	R 6.0
c) AHU location	Main
13. Cooling system:	Capacity 28.8
a) Split system	SEER 14.0
b) Single package	SEER
c) Ground/water source	SEER/COP
d) Room unit/PTAC	EER
e) Other	
14. Heating system:	Capacity 28.8
a) Split system heat pump	HSPF 8.2
b) Single package heat pump	HSPF
c) Electric resistance	COP
d) Gas furnace, natural gas	AFUE
e) Gas furnace, LPG	AFUE
f) Other	
15. Water heating system	
a) Electric resistance	EF 0.95
b) Gas fired, natural gas	EF
c) Gas fired, LPG	EF
d) Solar system with tank	EF
e) Dedicated heat pump with tank	EF
f) Heat recovery unit	HeatRec%
g) Other	
16. HVAC credits claimed (Performance Method)	
a) Ceiling fans	
b) Cross ventilation	No
c) Whole house fan	No
d) Multizone cooling credit	
e) Multizone heating credit	
f) Programmable thermostat	Yes

*Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.

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

Builder Signature:_____ Date:_____

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

Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: B180201 -

MiTek USA, Inc.
6904 Parke East Blvd.
Tampa, FL 33610-4115

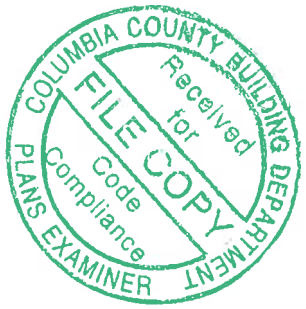
Site Information:
Customer Info: Project Name: DON WILKERSON Model:
Lot/Block: Subdivision:
Address: COLUMBIA
City: FORT WHITE State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.1
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

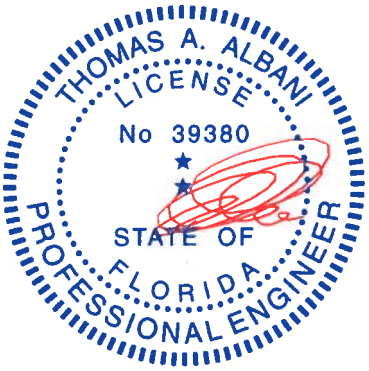
This package includes 18 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T15278452	A	10/8/18	18	T15278469	M1	10/8/18
2	T15278453	AG	10/8/18				
3	T15278454	B	10/8/18				
4	T15278455	B1G	10/8/18				
5	T15278456	BG	10/8/18				
6	T15278457	C	10/8/18				
7	T15278458	DGE	10/8/18				
8	T15278459	DM	10/8/18				
9	T15278460	E	10/8/18				
10	T15278461	FSG	10/8/18				
11	T15278462	G	10/8/18				
12	T15278463	H	10/8/18				
13	T15278464	I	10/8/18				
14	T15278465	I1	10/8/18				
15	T15278466	JSG	10/8/18				
16	T15278467	LG	10/8/18				
17	T15278468	M	10/8/18				



The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by American Truss of Chiefland.

Truss Design Engineer's Name: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2019.



Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek. Any project specific information included is for MiTek's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

October 8,2018

Job	Truss	Truss Type	Qty	Ply	T15278452
B180201	A	Roof Special	2	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:50 2018 Page 1
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-1-4-0	7-2-11	13-10-0	16-0-0	23-8-12	32-0-0	33-4-0
1-4-0	7-2-11	6-7-5	2-2-0	7-8-12	8-3-4	1-4-0

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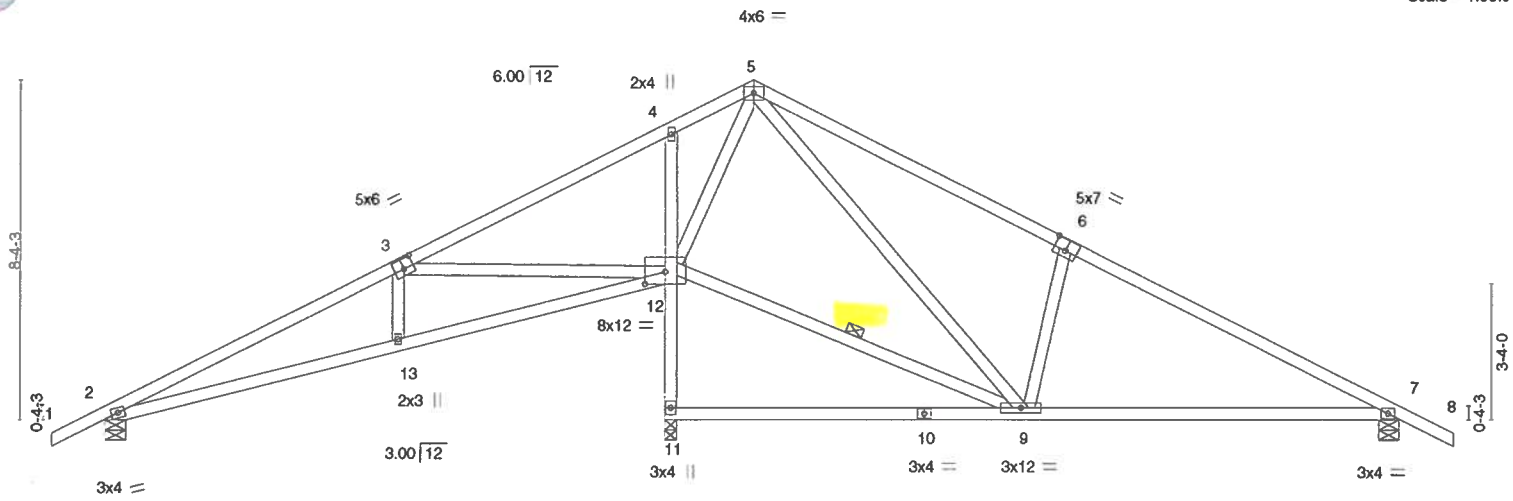


7-2-11	13-10-0	13-11-12	22-7-12	32-0-0
7-2-11	6-7-5	0-1-12	8-8-0	9-4-4

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [6:0-3-8,0-3-4], [12:0-6-0,0-3-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.12	9-19	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.25	9-19	>867	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.01	2	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 170 lb	FT = 0%

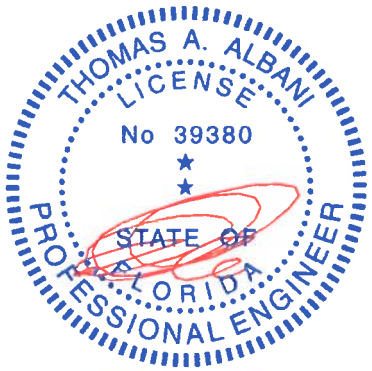
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
5-4-14 oc bracing: 11-12.
WEBS 1 Row at midpt 9-12

REACTIONS. (lb/size) 2=477/0-6-0, 11=1397/0-3-8, 7=654/0-6-0
Max Horz 2=-156(LC 10)
Max Uplift 2=-118(LC 12), 11=-104(LC 12), 7=-131(LC 12)
Max Grav 2=488(LC 21), 11=1397(LC 1), 7=693(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-810/316, 3-4=-72/544, 4-5=0/512, 5-6=-784/442, 6-7=-880/328
BOT CHORD 2-13=-156/704, 12-13=-156/690, 11-12=-1350/386, 4-12=-286/165, 7-9=-158/713
WEBS 3-13=0/272, 3-12=-1024/457, 5-12=-968/286, 5-9=-430/882, 6-9=-500/333

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=32ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=118, 11=104, 7=131.



Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

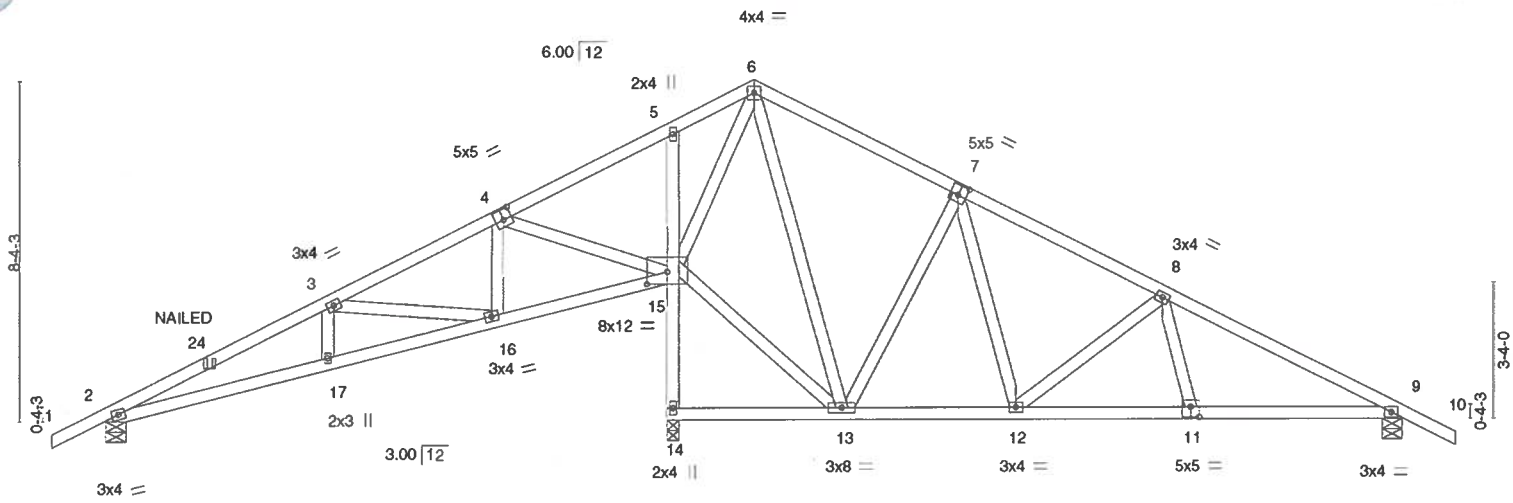
October 8,2018

Job	Truss	Truss Type	Qty	Ply	T15278453
B180201	AG	Roof Special Girder	1	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:52 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-YUYNxaKYKbRZ5iMbfC6re_k1FBZLP19tLnFFilyVUHb

-1-4-0	5-5-13	9-7-14	13-10-0	16-0-0	21-0-8	26-1-0	32-0-0	33-4-0
1-4-0	5-5-13	4-2-2	4-2-2	2-2-0	5-0-8	5-0-8	5-11-0	1-4-0

Scale = 1:56.9



5-5-13	9-7-14	13-10-0	13-11-12	18-1-14	22-5-12	26-9-10	32-0-0
5-5-13	4-2-2	4-2-2	0-1-12	4-2-2	4-3-14	4-3-14	5-2-6

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [7:0-2-8,0-3-0], [11:0-2-8,0-3-0], [15:0-6-0,0-3-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.04	17-20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.08	17-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(CT)	-0.01	14	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 188 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

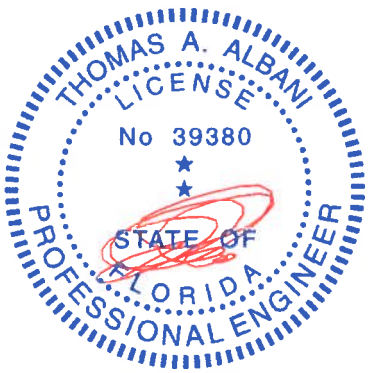
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-2-6 oc bracing.

REACTIONS. (lb/size) 2=598/0-6-0, 14=1491/0-3-8, 9=628/0-6-0
Max Horz 2=156(LC 7)
Max Uplift 2=-150(LC 8), 14=-125(LC 8), 9=-135(LC 25)
Max Grav 2=612(LC 17), 14=1491(LC 1), 9=672(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1155/205, 4-5=-20/687, 5-6=0/659, 7-8=-586/178, 8-9=-957/167
BOT CHORD 2-17=-112/977, 16-17=-109/966, 14-15=-1465/140, 12-13=0/388, 11-12=-70/774, 9-11=-62/797
WEBS 3-16=-799/175, 4-16=-22/359, 4-15=-684/144, 6-15=-1152/171, 6-13=-196/638, 7-13=-525/134, 7-12=-25/317, 8-12=-404/95

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=32ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=150, 14=125, 9=135.
7) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-6=-60, 6-10=-60, 15-18=-14, 14-21=-14
Concentrated Loads (lb)
Vert: 24=-188(B)



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

October 8,2018

MiTek
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Tampa, FL 33610

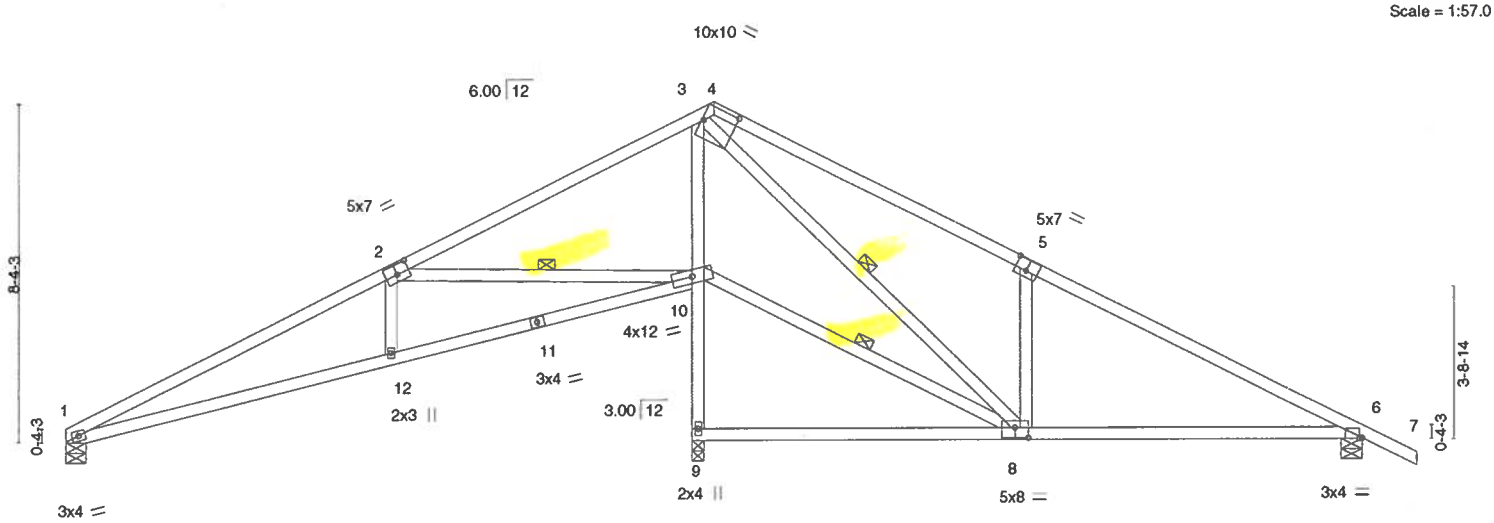
Job	Truss	Truss Type	Qty	Ply	T15278454
B180201	B	Roof Special	8	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:53 2018 Page 1

ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-0g6l8wLA5vZQjsxoDwd4ABHCVbuX8Wz1aR?oEkyVUHa

8-0-7	15-5-8	16-0-0	23-8-12	32-0-0	33-4-0
8-0-7	7-5-1	0-6-8	7-8-12	8-3-4	1-4-0

Scale = 1:57.0



8-0-7	15-5-8	15-7-4	23-8-12	32-0-0
8-0-7	7-5-1	0-1-12	8-1-8	8-3-4

Plate Offsets (X,Y)-- [2:0-3-8,0-3-0], [4:0-0-14,0-1-12], [4:0-9-6,0-5-0], [5:0-3-8,0-3-4], [6:0-0-12,Edge], [8:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.10	8-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.22	8-18	>896	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	-0.02	9	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 164 lb	FT = 0%

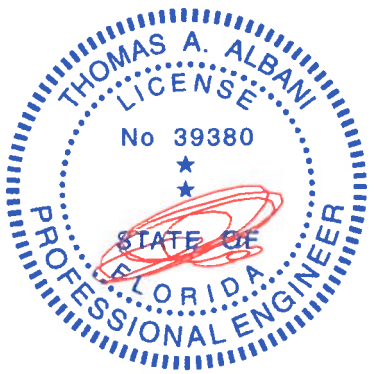
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-5-4 oc bracing.
WEBS 1 Row at midpt 2-10, 8-10, 3-8

REACTIONS. (lb/size) 9=1386/0-3-8, 1=472/0-6-0, 6=590/0-6-0
Max Horz 1=-154(LC 10)
Max Uplift 9=-96(LC 12), 1=-85(LC 12), 6=-131(LC 12)
Max Grav 9=1386(LC 1), 1=472(LC 1), 6=647(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1033/403, 2-3=-55/500, 3-4=-488/387, 4-5=-770/465, 5-6=-785/299
BOT CHORD 1-12=-243/913, 10-12=-243/899, 9-10=-1346/370, 3-10=-1223/481, 6-8=-130/626
WEBS 2-12=0/300, 2-10=-1195/544, 8-10=-446/386, 3-8=-620/1198, 5-8=-511/336

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=32ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 1 except (jt=lb) 6=131.



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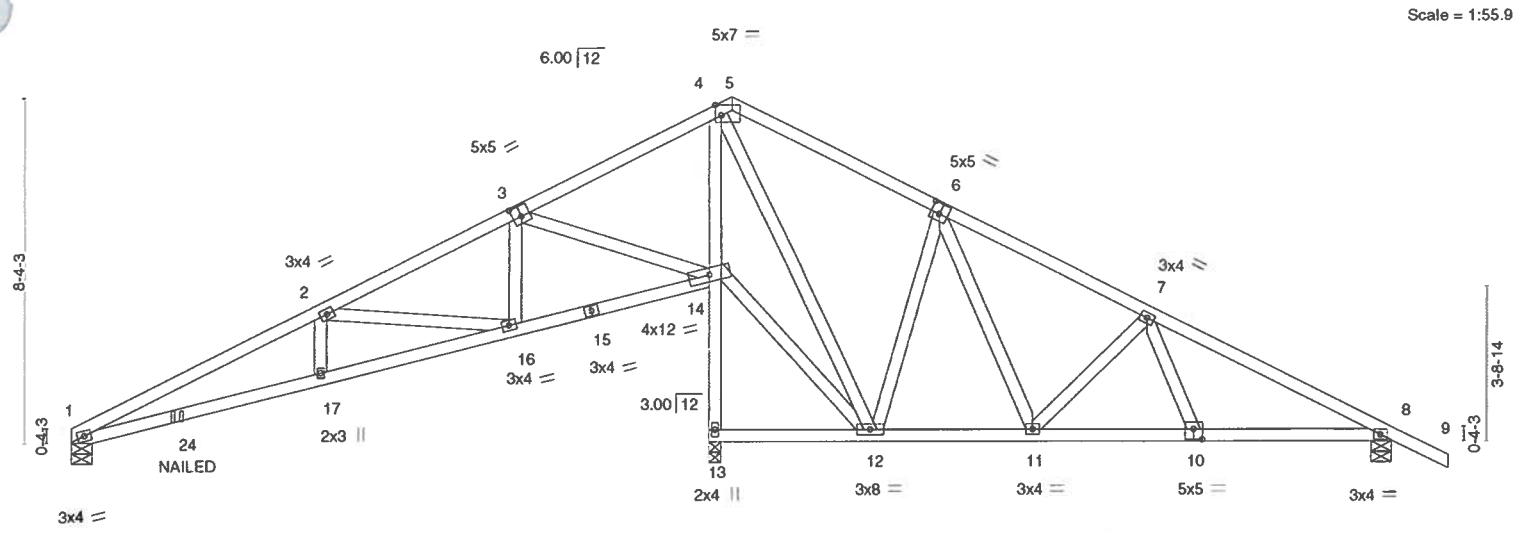
Job	Truss	Truss Type	Qty	Ply	T15278455
B180201	B1G	Roof Special Girder	2	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:54 2018 Page 1

ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-Usg7LGMosChHL0W_md8JjPqQO_BWtyTAo5kMmByVUHZ

6-0-5	10-8-14	15-5-8	16-0-0	21-0-8	26-1-0	32-0-0	33-4-0
6-0-5	4-8-10	4-8-10	0-6-8	5-0-8	5-0-8	5-11-0	1-4-0

Scale = 1:55.9



6-0-5	10-8-14	15-5-8	15-7-4	19-4-8	23-3-8	27-2-8	32-0-0
6-0-5	4-8-10	4-8-10	0-1-12	3-9-4	3-11-0	3-11-0	4-9-8

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-0-0,0-1-15], [5:0-1-12,Edge], [6:0-2-8,0-3-0], [10:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	-0.08	17-20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.15	17-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.36	Horz(CT)	-0.01	13	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 183 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

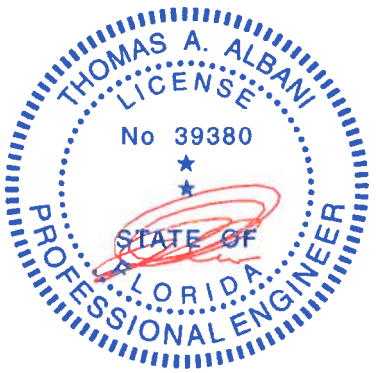
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-7 oc bracing.

REACTIONS. (lb/size) 13=1413/0-3-8, 1=622/0-6-0, 8=591/0-6-0
Max Horz 1=-154(LC 23)
Max Uplift 13=-98(LC 8), 1=-138(LC 8), 8=-139(LC 25)
Max Grav 13=1413(LC 1), 1=622(LC 1), 8=643(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1420/313, 2-3=-484/164, 3-4=0/487, 5-6=-276/214, 6-7=-579/196, 7-8=-905/175
BOT CHORD 1-17=-207/1297, 16-17=-201/1272, 14-16=0/404, 13-14=-1388/111, 4-14=-1350/254, 11-12=-12/330, 10-11=-79/714, 8-10=-69/750
WEBS 2-16=-865/211, 3-16=-20/364, 3-14=-771/175, 12-14=-518/260, 4-12=-307/994, 6-12=-515/137, 6-11=-43/347, 7-11=-380/99

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=32ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 13 except (jt=lb) 1=138, 8=139.
7) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-60, 5-9=-60, 14-18=-14, 13-21=-14
Concentrated Loads (lb)
Vert: 24=-177(F)



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October 8,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERANCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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6904 Parke East Blvd.
Tampa, FL 33610

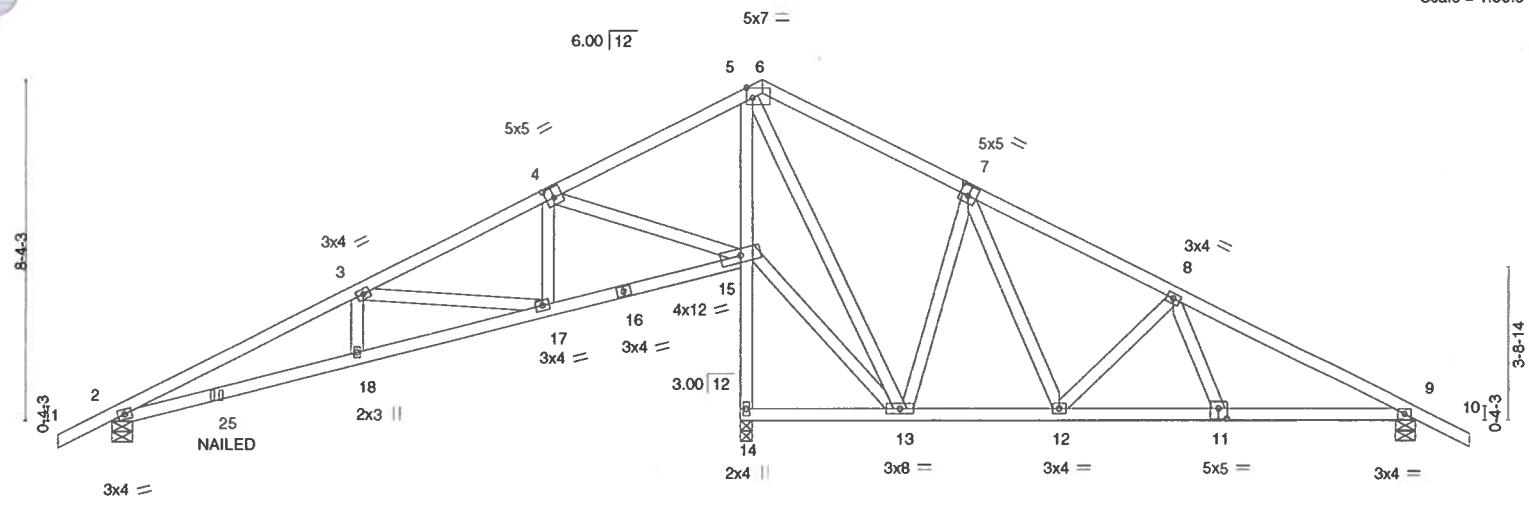
Job	Truss	Truss Type	Qty	Ply	T15278456
B180201	BG	Roof Special Girder	1	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:55 2018 Page 1

ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-y3DVZcMQdWp8y94AKKfYFcMcgOWCcPiK1lUvldyVUHY

-1-4-0	6-0-5	10-8-14	15-5-8	16-0-0	21-0-8	26-1-0	32-0-0	33-4-0
1-4-0	6-0-5	4-8-10	4-8-10	0-6-8	5-0-8	5-0-8	5-11-0	1-4-0

Scale = 1:56.6



6-0-5	10-8-14	15-5-8	15-7-4	19-4-8	23-3-8	27-2-8	32-0-0
6-0-5	4-8-10	4-8-10	0-1-12	3-9-4	3-11-0	3-11-0	4-9-8

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [6:0-0-0,0-1-15], [6:0-1-12,Edge], [7:0-2-8,0-3-0], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.08	18-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.14	18-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.01	14	n/a	n/a		
BCDL	7.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 185 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

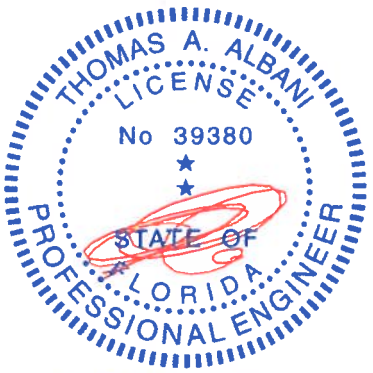
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-8 oc bracing.

REACTIONS. (lb/size) 14=1410/0-3-8, 2=705/0-6-0, 9=591/0-6-0
Max Horz 2=-156(LC 6)
Max Uplift 14=-97(LC 8), 2=-182(LC 8), 9=-139(LC 25)
Max Grav 14=1410(LC 1), 2=705(LC 1), 9=643(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1390/294, 3-4=-477/159, 4-5=0/488, 6-7=-276/214, 7-8=-579/196, 8-9=-905/174
BOT CHORD 2-18=-188/1266, 17-18=-183/1242, 15-17=0/399, 14-15=-1385/109, 5-15=-1351/255, 12-13=-12/330, 11-12=-79/714, 9-11=-68/750
WEBS 3-17=-841/196, 4-17=-17/362, 4-15=-766/172, 13-15=-520/260, 5-13=-307/996, 7-13=-515/137, 7-12=-43/347, 8-12=-380/99

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=32ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14 except (jt=lb) 2=182, 9=139.
7) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-6=-60, 6-10=-60, 15-19=-14, 14-22=-14
Concentrated Loads (lb)
Vert: 25=-177(F)



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October 8,2018

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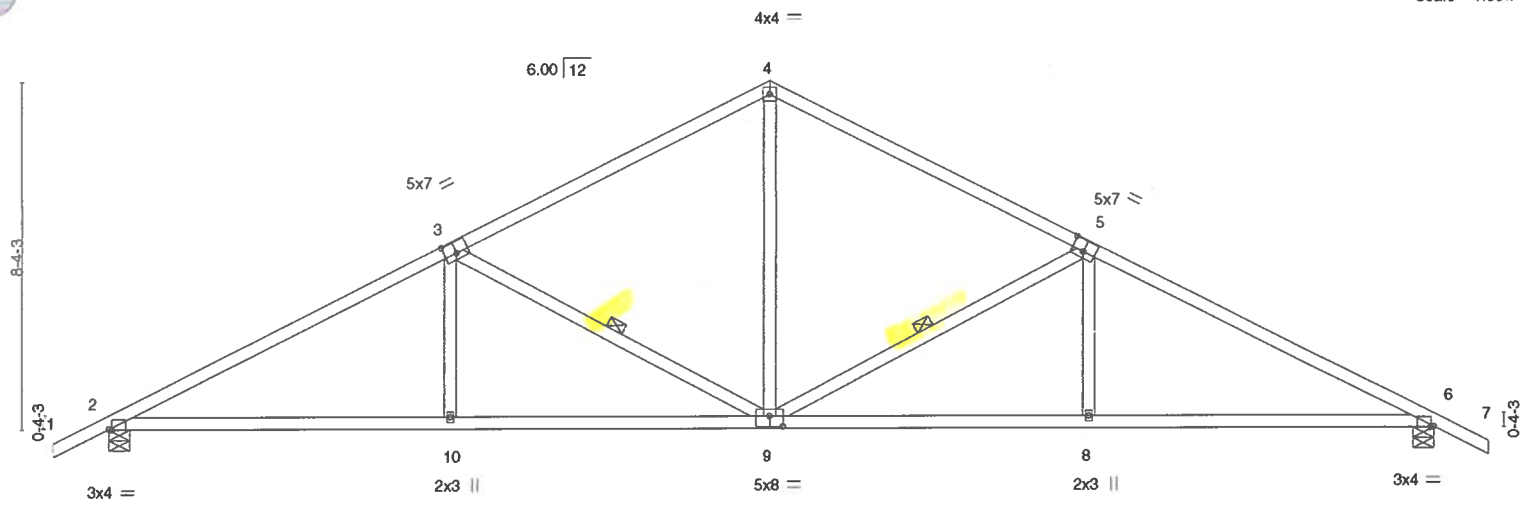
Job	Truss	Truss Type	Qty	Ply	T15278457
B180201	C	Common	6	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:56 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-QFntmyN2Oqx?aJfNu2AnoqvilotcLukTGPDSr3yVUHX

-1-4-0 | 8-3-4 | 16-0-0 | 23-8-12 | 32-0-0 | 33-4-0
1-4-0 | 8-3-4 | 7-8-12 | 7-8-12 | 8-3-4 | 1-4-0

Scale = 1:55.7



8-3-4 | 16-0-0 | 23-8-12 | 32-0-0
8-3-4 | 7-8-12 | 7-8-12 | 8-3-4

Plate Offsets (X,Y)-- [2:0-0-12,Edge], [3:0-3-8,0-3-4], [5:0-3-8,0-3-4], [6:0-0-12,Edge], [9:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.12	10-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.25	10-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.08	6	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 154 lb	FT = 0%

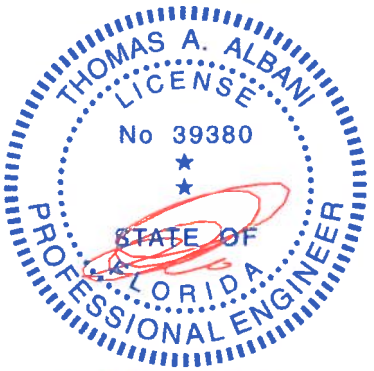
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-0-6 oc bracing.
WEBS 1 Row at midpt 5-9, 3-9

REACTIONS. (lb/size) 2=1264/0-6-0, 6=1264/0-6-0
Max Horz 2=156(LC 11)
Max Uplift 2=-177(LC 12), 6=-177(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2145/655, 3-4=-1453/527, 4-5=-1453/527, 5-6=-2145/655
BOT CHORD 2-10=-448/1838, 9-10=-449/1835, 8-9=-455/1835, 6-8=-454/1838
WEBS 4-9=-249/796, 5-9=-743/336, 5-8=0/295, 3-9=-743/337, 3-10=0/295

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=32ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=177, 6=177.



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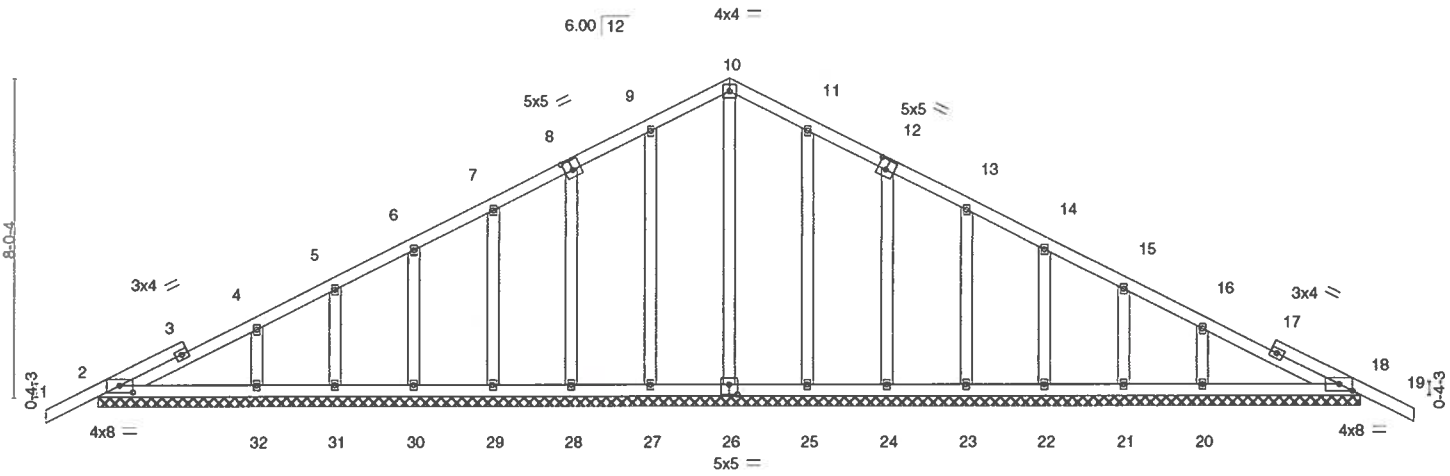
Date: October 8,2018

Job	Truss	Truss Type	Qty	Ply	
B180201	DGE	Common Supported Gable	2	1	T15278458
					Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:57 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-uRLF_lOg873sCTEZRIh0L1S?SCKA4NscU3z0NVyVUHW

-1-4-0 / 1-4-0 | 16-0-0 / 16-0-0 | 32-0-0 / 16-0-0 | 33-4-0 / 1-4-0

Scale = 1:58.3



32-0-0 / 32-0-0

Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [8:0-2-8,0-3-0], [12:0-2-8,0-3-0], [18:0-4-0,0-2-1], [26:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.11	Vert(LL)	0.00	18	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	19	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.00	18	n/a	n/a		
BCDL	7.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 193 lb	FT = 0%

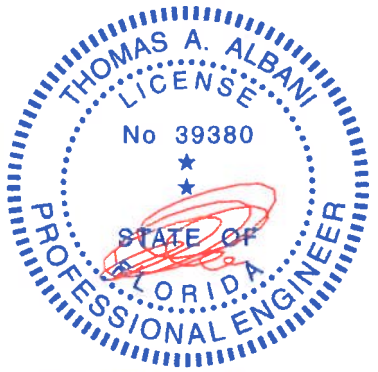
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 32-0-0.
(lb) - Max Horz 2=-150(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20, 18
Max Grav All reactions 250 lb or less at joint(s) 2, 26, 27, 28, 29, 30, 31, 25, 24, 23, 22, 21, 18 except 32=260(LC 21), 20=260(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=32ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x3 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 27, 28, 29, 30, 31, 32, 25, 24, 23, 22, 21, 20, 18.



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Date:

October 8,2018

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Tampa, FL 33610

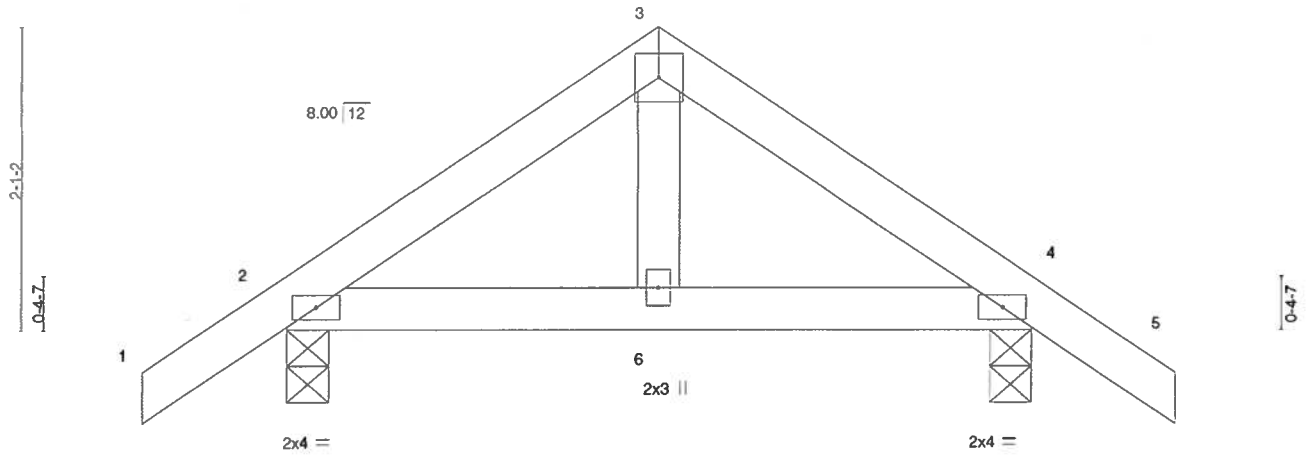
Job	Truss	Truss Type	Qty	Ply	T15278459
B180201	DM	COMMON	10	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:58 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-NeveBdPIvRBjpdpI?TCFtF_B8cgQprsmjjiZvyyVUHV

-1-0-0 / 1-0-0 | 2-7-0 / 2-7-0 | 5-2-0 / 2-7-0 | 6-2-0 / 1-0-0

4x4 =

Scale: 3/4"=1'



2-7-0 / 2-7-0 | 5-2-0 / 2-7-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.05	Vert(LL)	-0.00	6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.00	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 23 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=251/0-3-8, 4=251/0-3-8
Max Horz 2=-48(LC 10)
Max Uplift 2=-53(LC 12), 4=-53(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.

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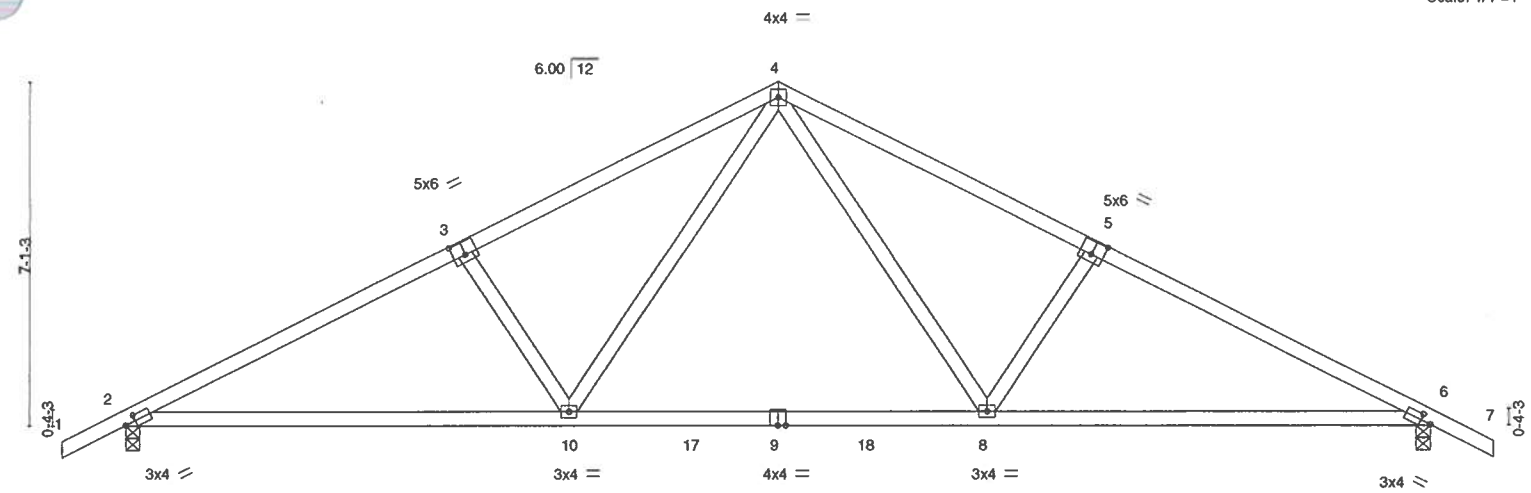
Job	Truss	Truss Type	Qty	Ply	T15278460
B180201	E	Common	6	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:55:59 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-rqT0PzPxgIJaRnOxZAkUQSXGC?vSYGOvyNS7ROyVUHU

-1-4-0 | 7-0-4 | 13-6-0 | 19-11-12 | 27-0-0 | 28-4-0
1-4-0 | 7-0-4 | 6-5-12 | 6-5-12 | 7-0-4 | 1-4-0

Scale: 1/4"=1'



9-2-3 | 17-9-13 | 27-0-0
9-2-3 | 8-7-11 | 9-2-3

Plate Offsets (X,Y)-- [2:0-2-10,0-1-8], [3:0-3-0,0-3-4], [5:0-3-0,0-3-4], [6:0-2-10,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.41	Vert(LL)	-0.20	8-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.28	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.05	6	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 125 lb	FT = 0%

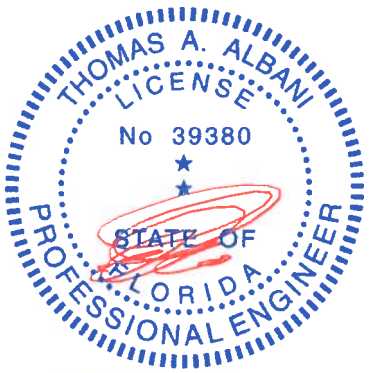
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=1079/0-3-8, 6=1079/0-3-8
Max Horz 2=126(LC 11)
Max Uplift 2=-156(LC 12), 6=-156(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1752/556, 3-4=-1556/564, 4-5=-1556/564, 5-6=-1752/556
BOT CHORD 2-10=-377/1528, 8-10=-140/998, 6-8=-383/1520
WEBS 4-8=-187/625, 5-8=-415/266, 4-10=-187/624, 3-10=-415/266

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=27ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=156, 6=156.



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Job	Truss	Truss Type	Qty	Ply	T15278461
B180201	FSG	Common Structural Gable	1	1	Job Reference (optional)

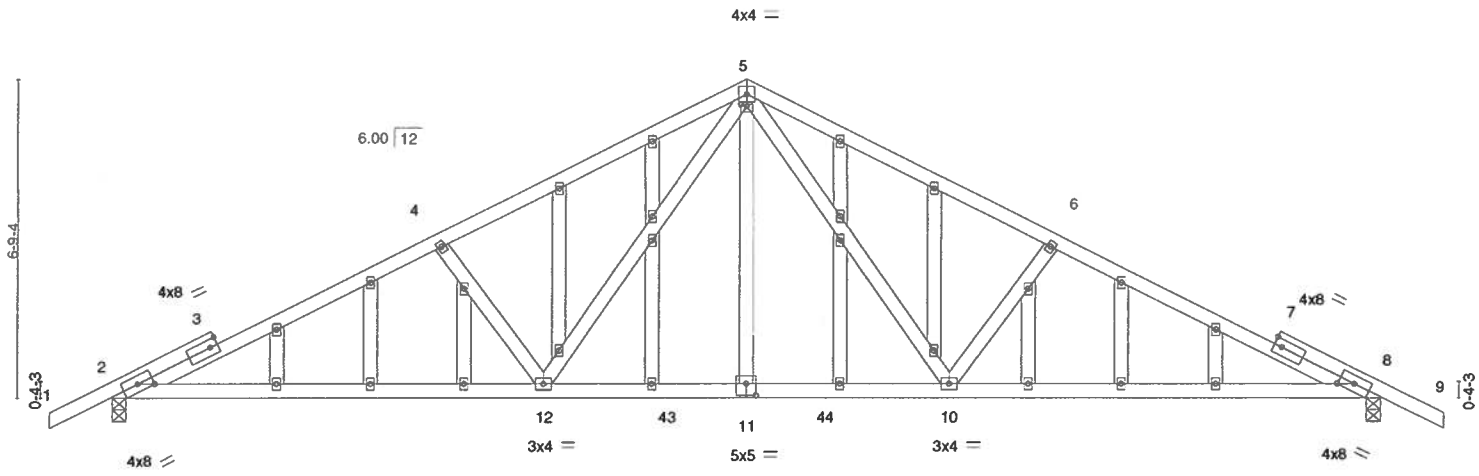
AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:00 2018 Page 1

ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-J01OcJQZR2RR3xz87uFkyg3LIPFkHji3B1Bg_qyVUHT

-1-4-0 | 7-0-4 | 13-6-0 | 19-11-12 | 27-0-0 | 28-4-0

1-4-0 | 7-0-4 | 6-5-12 | 6-5-12 | 7-0-4 | 1-4-0

Scale = 1:49.1



9-2-3 | 17-9-13 | 27-0-0

9-2-3 | 8-7-11 | 9-2-3

Plate Offsets (X,Y)-- [2:0-4-0,0-1-15], [5:0-1-8,0-0-8], [8:0-4-0,0-1-15], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.77	Vert(LL)	-0.20	10-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.31	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.04	8	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 180 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1
OTHERS 2x4 SP No.1

BRACING-

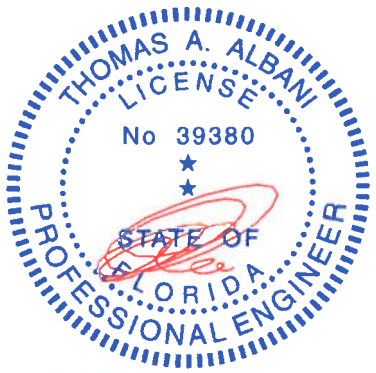
TOP CHORD Structural wood sheathing directly applied or 2-7-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-5-14 oc bracing.

REACTIONS. (lb/size) 2=1077/0-3-8, 8=1077/0-3-8
Max Horz 2=121(LC 11)
Max Uplift 2=-159(LC 12), 8=-159(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1831/583, 4-5=-1636/576, 5-6=-1636/576, 6-8=-1831/583
BOT CHORD 2-12=-418/1641, 10-12=-155/1022, 8-10=-425/1641
WEBS 5-10=-197/677, 6-10=-467/279, 5-12=-197/677, 4-12=-467/279

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=27ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x3 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=159, 8=159.



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October 8,2018

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Job	Truss	Truss Type	Qty	Ply	T15278462
B180201	G	Common	2	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626

8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:01 2018 Page 1
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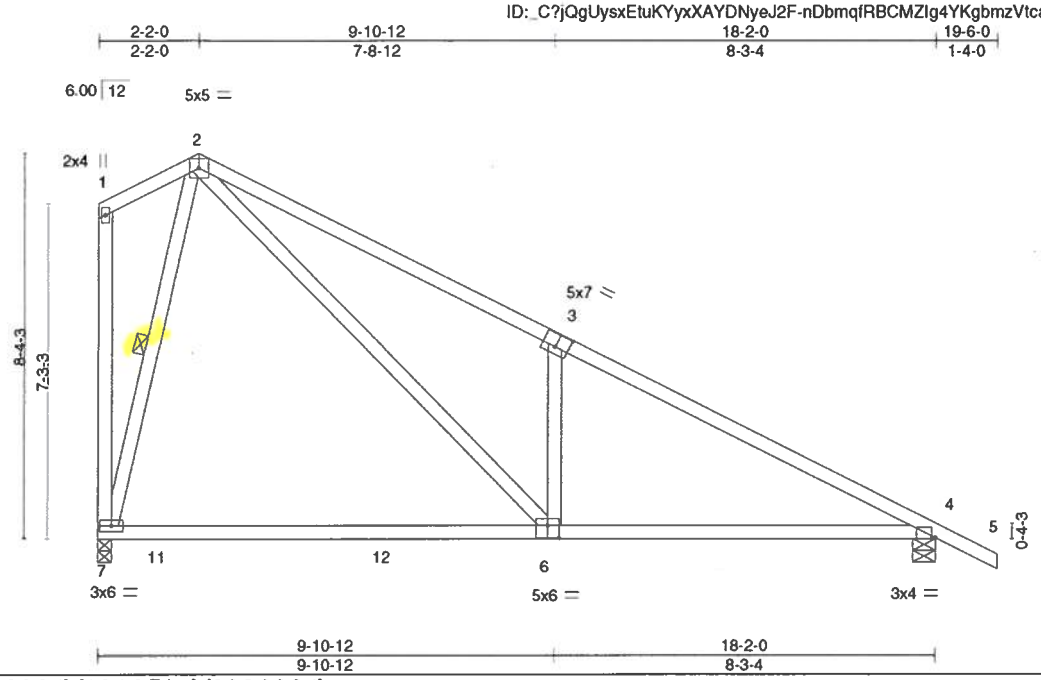

Plate Offsets (X,Y)-- [3:0-3-8,0-3-4], [4:0-1-0,Edge], [6:0-3-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.34	6-7	>631	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.48	6-7	>453	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.01	4	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 104 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-7

REACTIONS. (lb/size) 7=664/0-3-8, 4=750/0-6-0
Max Horz 7=-272(LC 10)
Max Uplift 7=-82(LC 12), 4=-112(LC 12)
Max Grav 7=734(LC 18), 4=750(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1028/468, 3-4=-1023/285
BOT CHORD 6-7=-64/303, 4-6=-105/839
WEBS 2-6=-396/1002, 3-6=-525/356, 2-7=-623/396

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 4=112.

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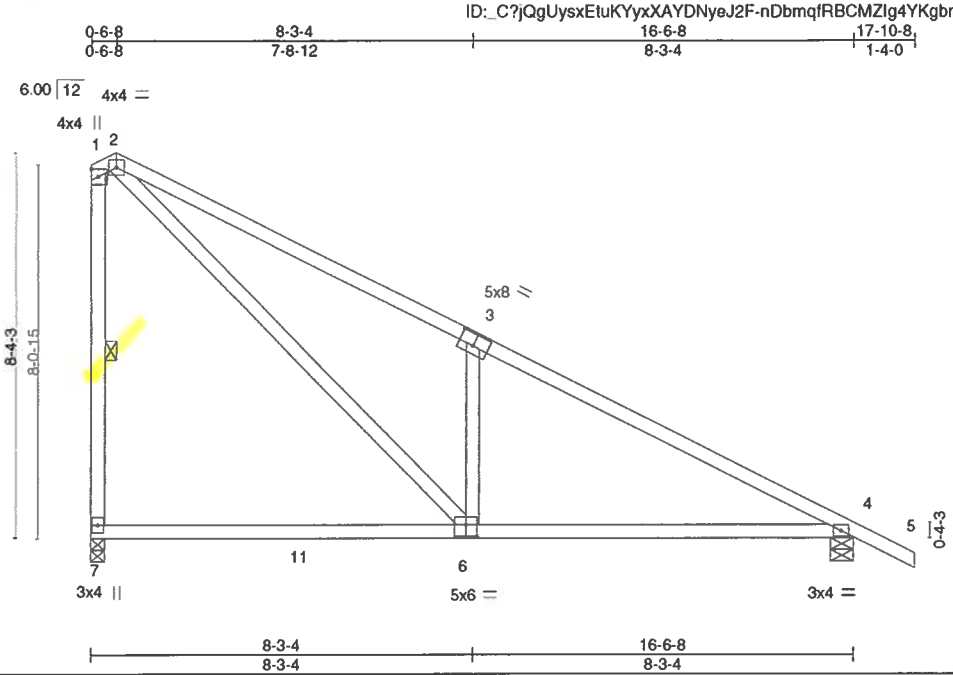
Job	Truss	Truss Type	Qty	Ply	T15278463
B180201	H	Common	1	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626

8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:01 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-nDbmqfRBCMZIg4YKgbmzVtcY2pcH0?jCPhxDWHyVUHS



Scale = 1:50.0

Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [6:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.15	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.21	6-10	>929	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.01	4	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 88 lb	FT = 0%

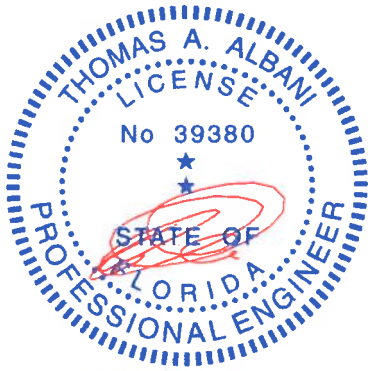
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-7

REACTIONS. (lb/size) 7=603/0-3-8, 4=690/0-6-0
Max Horz 7=-287(LC 10)
Max Uplift 7=-78(LC 12), 4=-102(LC 12)
Max Grav 7=693(LC 18), 4=690(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-275/238, 2-3=-905/432, 3-4=-887/247, 1-7=-555/324
BOT CHORD 6-7=-190/424, 4-6=-70/721
WEBS 2-6=-434/978, 3-6=-556/390

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 4=102.



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Job	Truss	Truss Type	Qty	Ply	T15278464
B180201	I	Common	2	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:02 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-FP881?Spzgi9IE7WEIHC259kdDx3IfJMeLgn2jyVUHR

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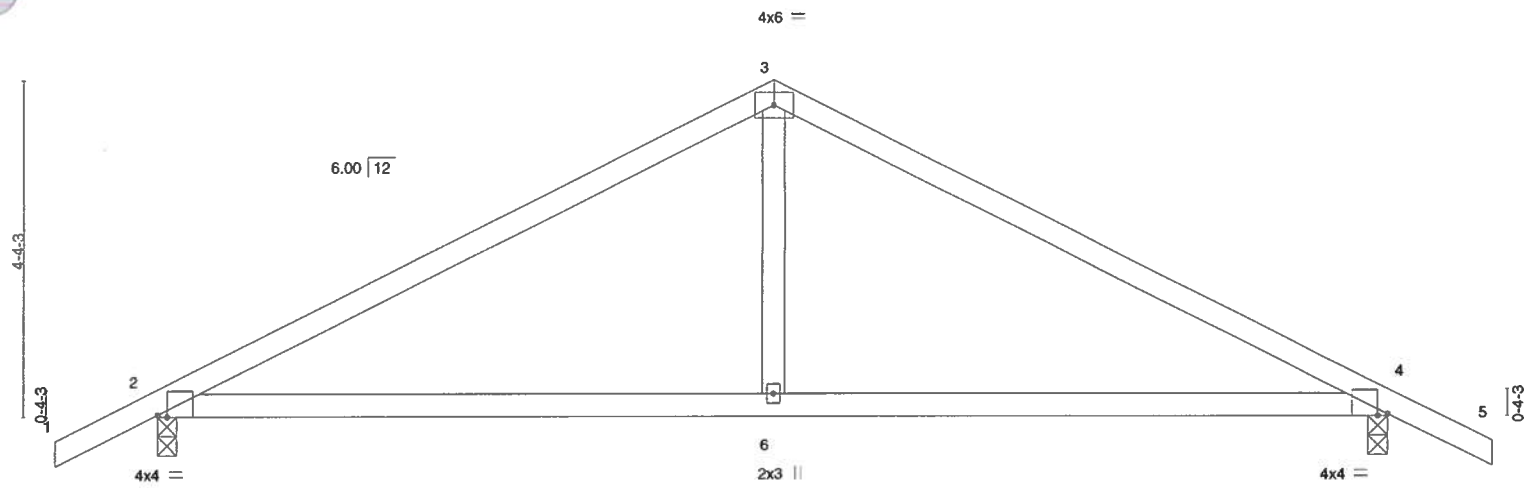
Scale = 1:29.9



8-0-0 / 8-0-0 — 16-0-0 / 8-0-0

Plate Offsets (X,Y)-- [2:0-1-8,Edge], [4:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.11	6-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.20	6-12	>969	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.01	4	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 61 lb	FT = 0%

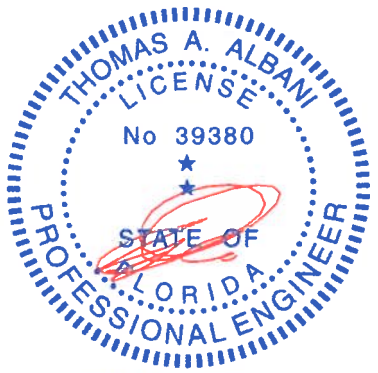
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=672/0-3-0, 4=672/0-3-0
Max Horz 2=-77(LC 10)
Max Uplift 2=-110(LC 12), 4=-110(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-848/266, 3-4=-848/266
BOT CHORD 2-6=-100/672, 4-6=-100/672
WEBS 3-6=0/328

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=110, 4=110.



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October 8,2018

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Job	Truss	Truss Type	Qty	Ply	T15278465
B180201	I1	Roof Special	3	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:03 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-jbiXELTRkzq?wOijo0oRalhvNdHIU6ZVt?QKa9yVUHQ

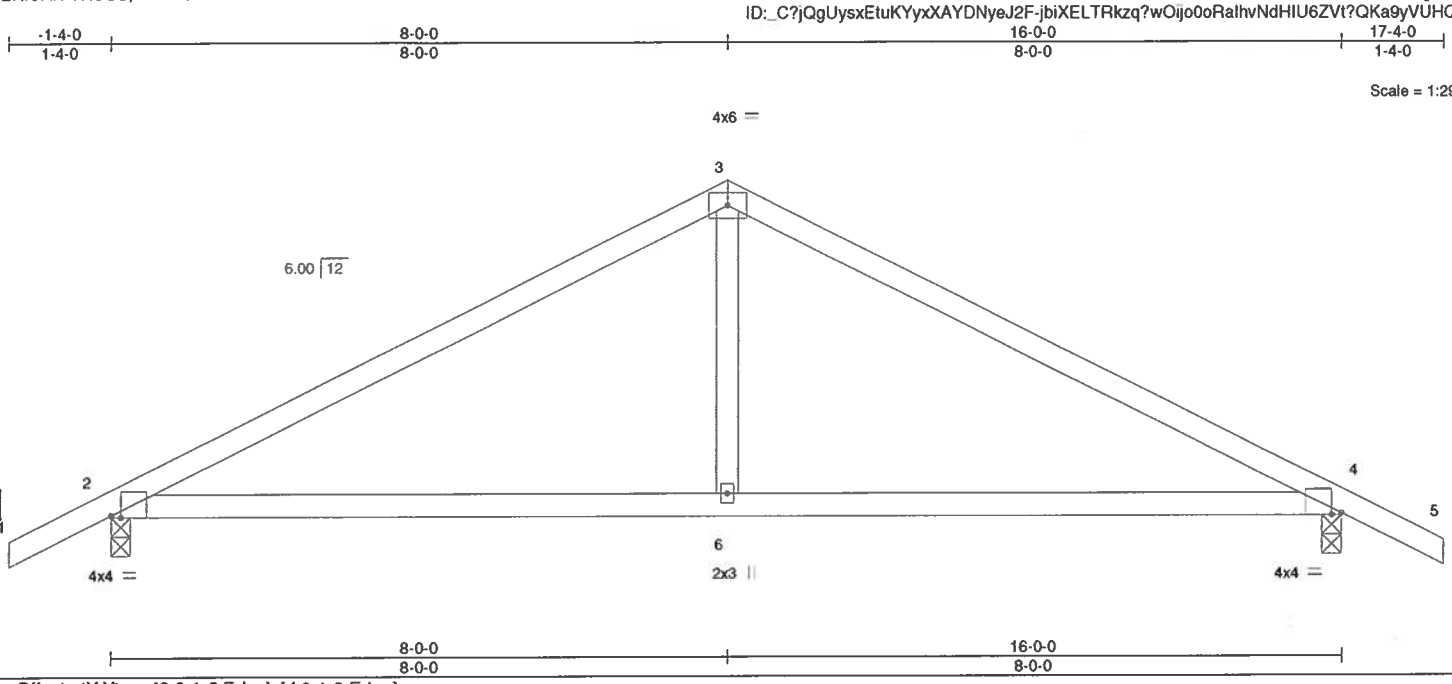


Plate Offsets (X,Y)-- [2:0-1-8,Edge], [4:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.11	6-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.20	6-12	>969	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.01	4	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 61 lb	FT = 0%

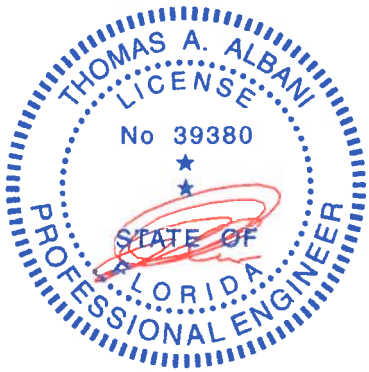
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=672/0-3-0, 4=672/0-3-0
Max Horz 2=-77(LC 10)
Max Uplift 2=-110(LC 12), 4=-110(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-848/266, 3-4=-848/266
BOT CHORD 2-6=-100/672, 4-6=-100/672
WEBS 3-6=0/328

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=110, 4=110.



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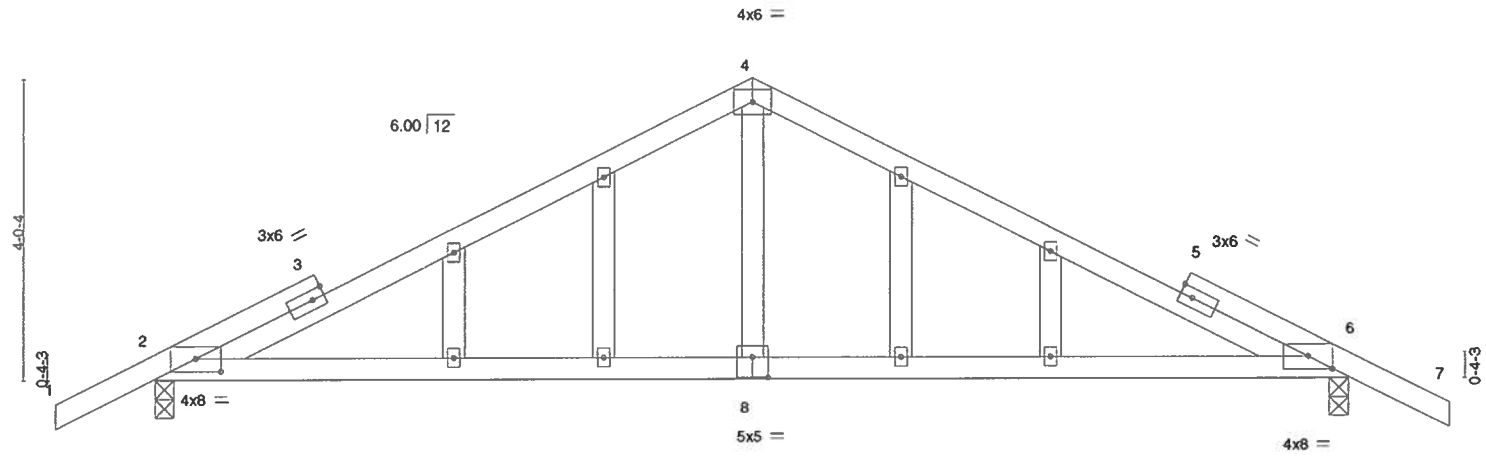
Job	Truss	Truss Type	Qty	Ply	T15278466
B180201	JSG	Common Structural Gable	1	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:04 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-BnGvShT3VHysXYHvMjJg7WE4j0cSDZpe6f9t7cyVUHP

-1-4-0 / 1-4-0 | 8-0-0 / 8-0-0 | 16-0-0 / 8-0-0 | 17-4-0 / 1-4-0

Scale = 1:30.9



8-0-0 / 8-0-0 | 16-0-0 / 8-0-0

Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [6:0-4-0,0-2-1], [8:0-2-8,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.13	8-19	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.23	8-19	>815	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.01	2	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 77 lb	FT = 0%

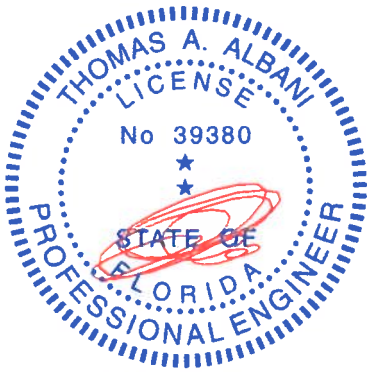
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1
OTHERS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=670/0-3-0, 6=670/0-3-0
Max Horz 2=72(LC 11)
Max Uplift 2=-112(LC 12), 6=-112(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-805/271, 4-6=-805/271
BOT CHORD 2-8=-118/715, 6-8=-118/715
WEBS 4-8=0/323

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x3 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=112, 6=112.



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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERANCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Job	Truss	Truss Type	Qty	Ply	T15278467
B180201	LG	Roof Special Girder	2	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:04 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-BnGvShT3VHysXYHvMjJg7WE9I0j3DZXe6f9t7cyVUHP

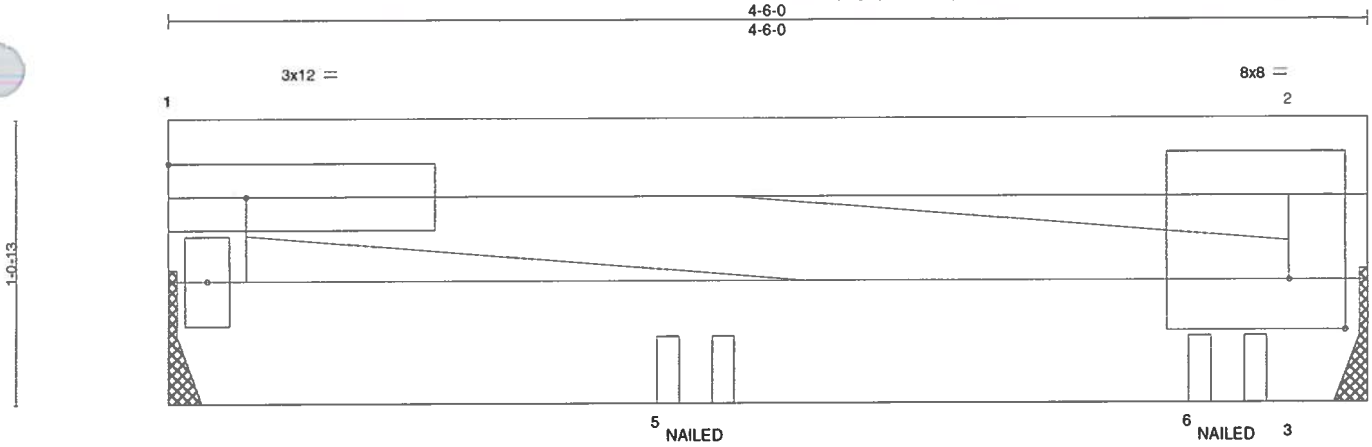


Plate Offsets (X,Y)-- [2:0-1-12,0-0-0], [2:0-2-8,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	-0.01	3-4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	-0.01	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	7.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 24 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.1

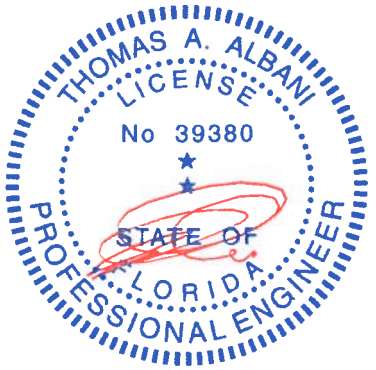
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=191/Mechanical, 3=248/Mechanical
Max Horz 4=-22(LC 4)
Max Uplift 4=-50(LC 4), 3=-64(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 3.
7) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-14
Concentrated Loads (lb)
Vert: 5=-50(F) 6=-77(F)



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Job	Truss	Truss Type	Qty	Ply	T15278468
B180201	M	Roof Special	2	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:05 2018 Page 1
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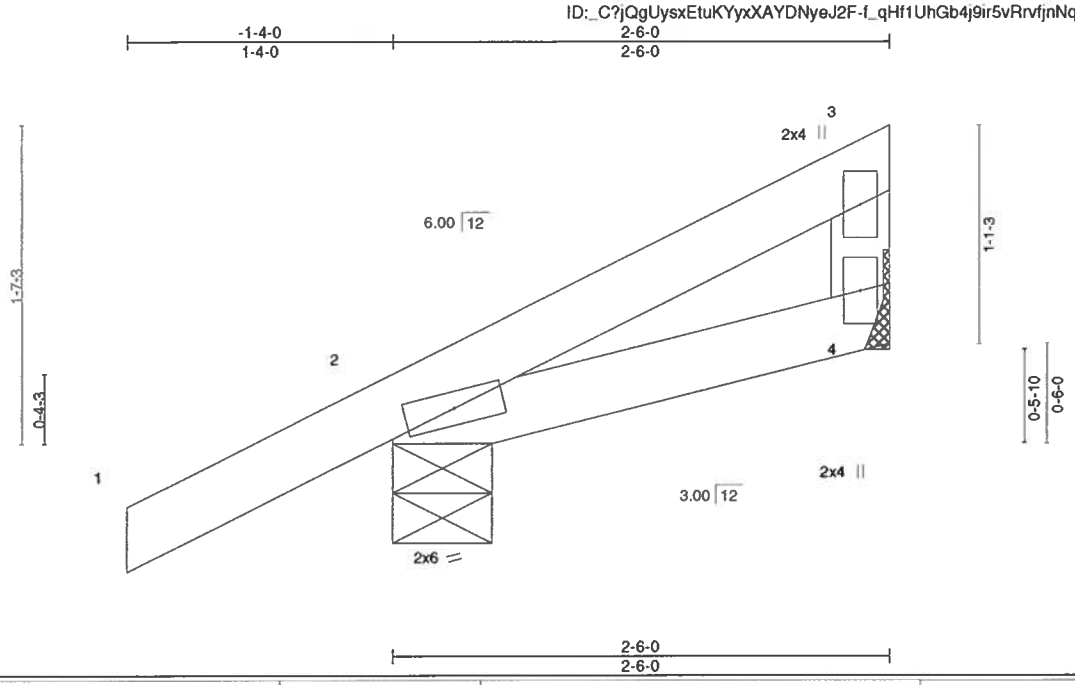


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.08	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 11 lb	FT = 0%

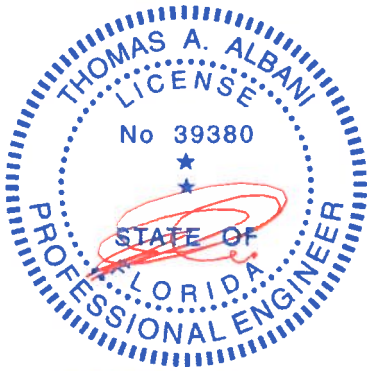
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=64/Mechanical, 2=190/0-6-0
Max Horz 2=46(LC 12)
Max Uplift 4=-10(LC 9), 2=-62(LC 12)
Max Grav 4=66(LC 17), 2=190(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.



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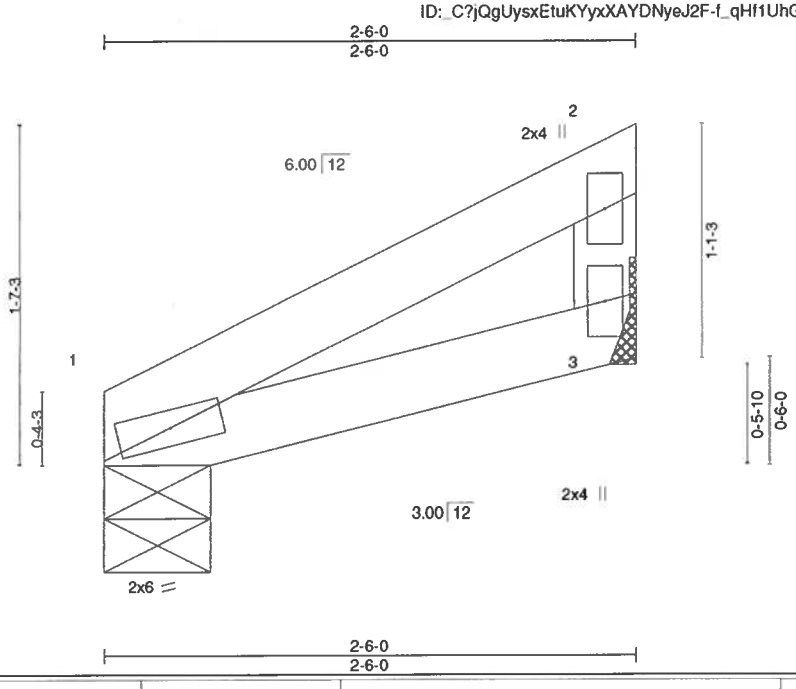
Job	Truss	Truss Type	Qty	Ply	T15278469
B180201	M1	Roof Special	2	1	Job Reference (optional)

AMERICAN TRUSS, CHIEFLAND FL 32626

8.130 s Mar 11 2018 MiTek Industries, Inc. Mon Oct 8 11:56:05 2018 Page 1
ID:_C?jQgUysxEtuKYyxXAYDNyeJ2F-f_qHf1UhGb4j9ir5vRrvfjnOSQ4My?poKJvRf2yVUHO



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.04	Vert(LL)	-0.00	6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.00	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	1	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 9 lb	FT = 0%

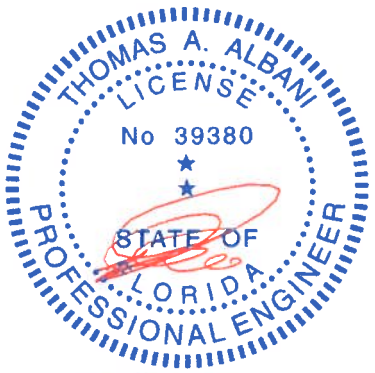
LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=87/0-6-0, 3=87/Mechanical
Max Horz 1=35(LC 9)
Max Uplift 1=-6(LC 12), 3=-14(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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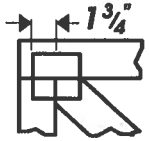
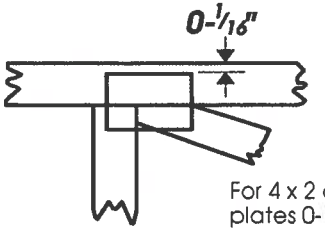
Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

***Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

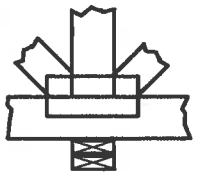
4 x 4

The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION

Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

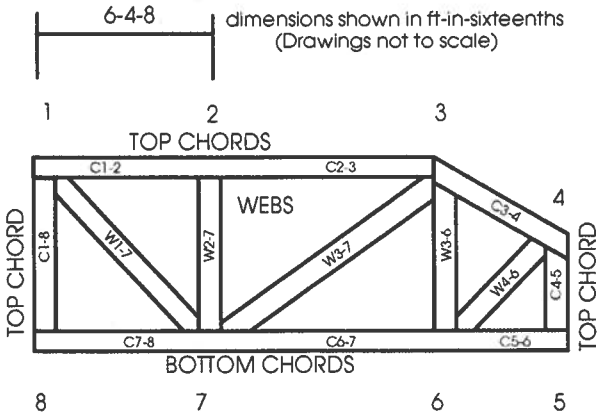


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek®

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.