DATE 01/09/2019

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000037610

APPLICANT STEPHEN TORNELLO PHONE 904-316-5640

ADDRESS 2710 SW WILSON SPRINGS RD FORT WHITE FL 32038

OWNER STEPHEN & RENEE TORNELLO PHONE 904-316-5640

ADDRESS 2710 SW WILSON SPRINGS RD FORT WHITE FL 32038

CONTRACTOR STEPHEN TORNELLO PHONE 904-316-5640

LOCATION OF PROPERTY 47 S, R WILSON SPRINGS RD, GO .2 MILES ON LEFT PAST GREY FOX TERR

TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 136000.00

HEATED FLOOR AREA 1854.00 TOTAL AREA 2720.00 HEIGHT ____ STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT ____

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

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

PARCEL ID 06-7S-16-04143-101 SUBDIVISION SANTA FE WOODS S/D

LOT 1 BLOCK ____ PHASE ____ UNIT ____ TOTAL ACRES 5.75

		OWNER		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
EXISTING	19-0006	LN	TC	Y	
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident	Time/STUP No.

COMMENTS: 1 FOOT ABOVE ROAD. NOC ON FILE.

Check # or Cash 108

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

Framing ____ date/app. by Insulation ____ date/app. by

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

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

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

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

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

BUILDING PERMIT FEE $ 680.00 CERTIFICATION FEE $ 13.60 SURCHARGE FEE $ 13.60

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

PLAN REVIEW FEE $ 170.00 DP & FLOOD ZONE FEE $ 25.00 CULVERT FEE $ ____ **TOTAL FEE** 952.20

INSPECTORS OFFICE ____ CLERKS OFFICE ____

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

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

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

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

FL Product
REG. CHECKLIST

Columbia County New Building Permit Application

For Office Use Only Application # 1901-02 Date Received 1/2 By JW Permit # 37610

Zoning Official LN Date 1-9 Flood Zone X Land Use A Zoning A3

FEMA Map # _____ Elevation _____ MFE 1' above road River _____ Plans Examiner T.C. Date 1-9-19

Comments _____

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. 19-0006 OR City Water ☐ Fax _____

Applicant (Who will sign/pickup the permit) STEPHEN D. TORNELLO Phone 904.316.5640

Address 2009 SPOONBILL ST JAKSONVILLE FL 32224

Owners Name STEPHEN D. TORNELLO Phone 904-316.5640

911 Address 2710 SOUTH WEST WILSON SPRINGS RD. FORT WHITE FLORIDA 32038

Contractors Name SAME AS ABOVE Phone _____

Address _____

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

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address MARTY HUMPHRIES, PE 7932 240th St. O'BRIEN, FL 32071

Mortgage Lenders Name & Address _____

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

Property ID Number 06-7S-16-04143-101 Estimated Construction Cost 130,K

Subdivision Name SANTA FE WOODS S/D. Lot 1 Block ____ Unit ____ Phase ____

Driving Directions from a Major Road 47S, Right-SW WILSON SPRINGS Rd., GO .2 MILES ON LEFT PAST GREY FOX TERR.

Construction of SINGLE FAMILY HOME ☐ Commercial OR ☒ Residential

Proposed Use/Occupancy RESIDENCE Number of Existing Dwellings on Property 0

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

Actual Distance of Structure from Property Lines - Front _____ Side _____ Side _____ Rear _____

Number of Stories 1 Heated Floor Area 1854 Total Floor Area 2,720 Acreage 5.75

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

JW spoke w/ Steve 1.9.19

Columbia County Building Permit Application

CODE: Florida Building Code 2014 and the 2011 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.

STEPHEN D. TORNELLO
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)

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1901- JOB NAME TORNELLO, STEPHEN

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 STEPHEN D. TORNELLO Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
MECHANICAL/ A/C ☑ CC#	Print Name Stephen D. Tornello Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
PLUMBING/ GAS ☑ CC#	Print Name Stephen D. TORNELLO Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
ROOFING ☑ CC#	Print Name Stephen D. TORNELLO Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SHEET METAL ☐ CC#	Print Name Stephen D. TORNELLO Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
FIRE SYSTEM/ SPRINKLER ☐ CC#	Print Name Stephen D. Tornello Signature Company Name: License#: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SOLAR ☐ CC#	Print Name Stephen D. Tornello Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
STATE SPECIALTY ☐ CC#	Print Name Stephen D. Tornello Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE

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

NOTICE OF COMMENCEMENT

Clerk's Office Stamp

Inst: 201912000108 Date: 01/02/2019 Time: 2:25PM
Page 1 of 1 B: 1375 P: 1536, P.DeWitt Cason, Clerk of Court
Columbia, County, By: PT
Deputy Clerk

Tax Parcel Identification Number:

06-7S-16-04443-101

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)*: SANTA FE WOODS · Lot 1
   a) Street *(job)* Address: 2710 S.W. WILSON SPRINGS RD FT. WHITE FL 32038
2. General description of improvements: RESIDENTIAL HOME
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
   a) Name and address: STEPHEN D. TORNELLO 2009 SPOONBILL ST, JACKSONVILLE FL 32224
   b) Name and address of fee simple titleholder (if other than owner)
   c) Interest in property
4. Contractor Information
   a) Name and address: STEPHEN D. TORNELLO, 2009 SPOONBILL ST JACKSONVILLE, FL 32224
   b) Telephone No.: 904. 316. 5640
5. Surety Information (if applicable, a copy of the payment bond is attached):
   a) Name and address:
   b) Amount of Bond:
   c) Telephone No.: N/A
6. Lender
   a) Name and address: N/A
   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:
   b) Telephone No.:
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)**: 1.2.20

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

Stephen D. Tornello (owner)
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 2ND day of JANUARY, 2019, by:

Stephen D. Tornello as OWNER for STEPHEN D. TORNELLO.
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known ✓ OR Produced Identification ____ Type ____

Notary Signature _____ Notary Stamp or Seal

LAURIE HODSON
MY COMMISSION # FF 976102
EXPIRES: July 14, 2020
Bonded Thru Notary Public Underwriters

Inst. Number: 201712012507 Book: 1340 Page: 98 Page 1 of 2 Date: 07/05/2017 Time: 03:03 PM
P. DeWitt Cason Clerk of Courts, Columbia County, Florida Doc Deed: 279.30

Prepared by and Return to:
Crystal L. Curran, an employee of
Alachua Title Services, LLC,
16407 N.W. 174th Drive, Suite C
Alachua, Florida 32615
386-418-8183

File Number:17-184

Warranty Deed

Made on June 30, 2017 A.D. by and between **Gayle B. Crist and Lois J. Crist, husband and wife,** whose address is 2574 SW Wilson Springs Rd, Fort White, Florida 32038, hereinafter called the "grantor", to **Stephen D. Tornello and Renee S. Tornello, husband and wife,** whose post office address is 2009 Spoonbill Street, Jacksonville, Florida 32224, hereinafter called the "grantee":

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

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in **Columbia** County, Florida, to-wit:

Lot 1, "SANTA FE WOODS", according to the map or plat thereof as recorded in Plat Book 6, Page 124, of the Public Records of Columbia County, Florida.

Parcel Identification Number: R04143-101

Subject to covenants, conditions, restrictions and easements of record.

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

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2016.

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

Signed, sealed and delivered in the presence of these witnesses:

Crystal L. Curran.
Witness Signature
Print Name: Crystal L Curran

Witness Signature
Print Name: Nikki Douglas

Crystal L. Curran.
Witness Signature
Print Name: Crystal L. Curran.

Witness Signature
Print Name: Nikki Douglas

Gayle B. Crist
Gayle B. Crist
2574 SW Wilson Springs Rd, Fort White, Florida 32038

Lois J. Crist
Lois J. Crist
2574 SW Wilson Springs Rd, Fort White, Florida 32038

State of Florida
County of Alachua

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED before me on June 30, 2017, by Gayle B. Crist and Lois J. Crist, who has produced a valid driver's license as identification.

Crystal L. Curran.
NOTARY PUBLIC
Crystal L. Curran
Notary Print Name
My Commission Expires: June 18, 2018

CRYSTAL L. CURRAN
Commission # FF 128806
Expires June 18, 2018
Bonded Thru Troy Fain Insurance 800-385-7019

Ronnie Brannon, Tax Collector
Proudly Serving The People Of Columbia County
135 NE Hernando Ave, Suite 125
Lake City, Florida 32055-4006
www.columbiataxcollector.com

NOTICE OF AD VALOREM TAXES AND NON-AD VALOREM ASSESSMENTS
2018 REAL ESTATE

Skip The Trip! www.columbiataxcollector.com
- eCheck (Electronic payment from your checking account with **no fee**)
- Credit Card (Fee added by payment processor - see website for fees)

Print Your Receipt Instantly Online

Account #: R04143-101 | 003

R

51
8 - 17272

TORNELLO STEPHEN D &
RENEE S TORNELLO
2009 SPOONBILL ST
JACKSONVILLE FL 32224-2327

06-7S-16 0000/0000 0 acres
LOT 1 SANTA FE WOODS S/D.
804-1564, 828-1878, 848-971,
867-132, 936-760, WD 992-2636,
WD 1064-2053, WD 1159-1971, WD
See Tax Roll for extra legal.

Keep this portion for your records.
WALK-IN CUSTOMERS PLEASE BRING FOR YOUR RECEIPT

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	ASSESSED VALUE	EXEMPTION	TAXABLE VALUE	TAXES LEVIED
BOARD OF COUNTY COMMISSIONERS	8.0150	29,000		29,000	232.44
COLUMBIA COUNTY SCHOOL BOARD					
DISCRETIONARY	0.7480	29,000		29,000	21.69
LOCAL	4.2010	29,000		29,000	121.83
CAPITAL OUTLAY	1.5000	29,000		29,000	43.50
SUWANNEE RIVER WATER MGT DIST	0.3948	29,000		29,000	11.45
LAKE SHORE HOSPITAL AUTHORITY	0.9620	29,000		29,000	27.90
TOTAL MILLAGE	15.8208		TOTAL TAXES		$458.81

eBill

Scan to view your bill or sign up to receive future bills by email.

columbiataxcollector.com
Click "Register for eBilling"

NON-AD VALOREM ASSESSMENTS

LEVYING AUTHORITY	RATE	AMOUNT
FFIR FIRE ASSESSMENTS	Per Parcel	60.78
TOTAL ASSESSMENTS		$60.78

COMBINED TAXES AND ASSESSMENTS $519.59

IF POSTMARKED BY: PLEASE PAY ONLY ONE AMOUNT	NOV 30 2018	DEC 31 2018	JAN 31 2019	FEB 28 2019	MAR 31 2019
	$498.81	$504.00	$509.20	$514.39	$519.59

Ronnie Brannon, Tax Collector
Proudly Serving The People Of Columbia County
135 NE Hernando Ave, Suite 125
Lake City, Florida 32055-4006

NOTICE OF AD VALOREM TAXES AND NON-AD VALOREM ASSESSMENTS
2018 REAL ESTATE

Account #: R04143-101 | 003

10477.0000

R

06-7S-16 0000/0000 0 acres
LOT 1 SANTA FE WOODS S/D.
804-1564, 828-1878, 848-971,
867-132, 936-760, WD 992-2636,
WD 1064-2053, WD 1159-1971, WD
See Tax Roll for extra legal.

TORNELLO STEPHEN D &
RENEE S TORNELLO
2009 SPOONBILL STREET
JACKSONVILLE FL 32224

Pay online at www.columbiataxcollector.com

AMOUNT DUE

I am paying the following amount (check only one box) based on the date paid online, in the office or postmarked:

☐ NOV 30, 2018 (4% discount)	$498.81
☐ DEC 31, 2018 (3% discount)	$504.00
☐ JAN 31, 2019 (2% discount)	$509.20
☐ FEB 28, 2019 (1% discount)	$514.39
☐ MAR 31, 2019 (no discount)	$519.59

Please Pay in U.S. Funds to Ronnie Brannon, Tax Collector
135 NE Hernando Ave., Suite 125, Lake City, FL 32055

RETURN WITH PAYMENT

District No. 1 - Ronald Williams
District No. 2 - Rusty DePratter
District No. 3 - Bucky Nash
District No. 4 - Everett Phillips
District No. 5 - Tim Murphy

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

Address Assignment and Maintenance Document

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

Date/Time Issued:	**12/19/2018 12:59:49 PM**
Address:	**2710 SW WILSON SPRINGS Rd**
City:	**FORT WHITE**
State:	**FL**
Zip Code	**32038**
Parcel ID	**04143-101**

REMARKS: Address Verification.

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

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT

263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com

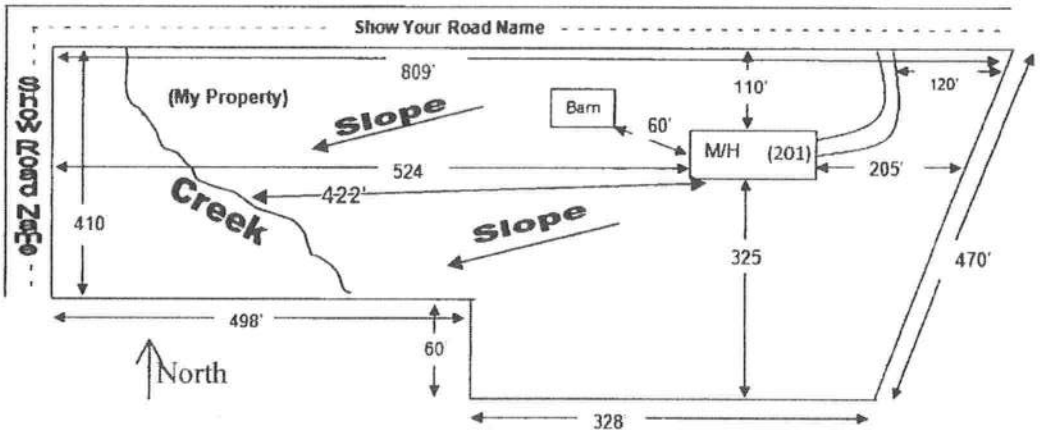
SITE PLAN CHECKLIST

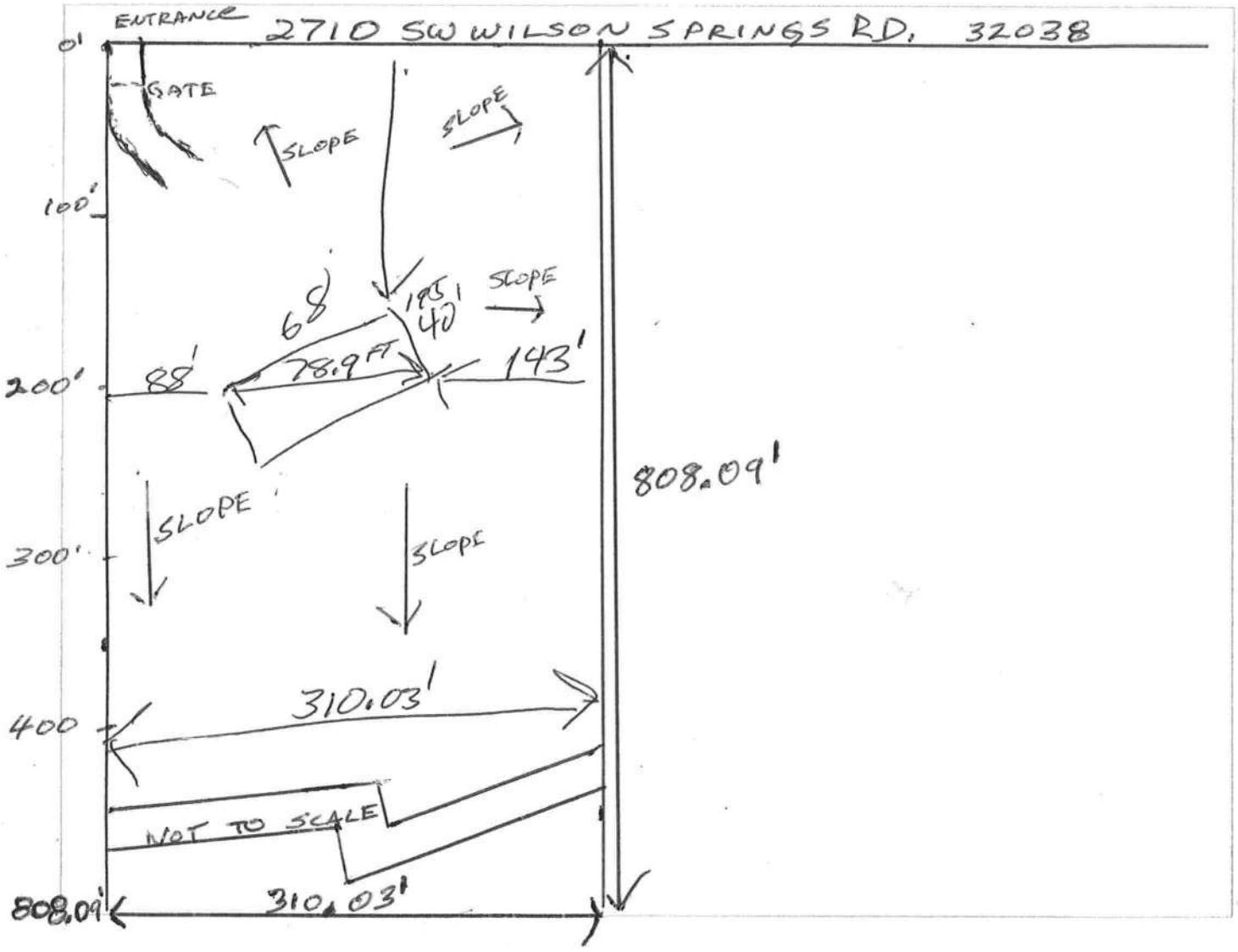
___1) Property Dimensions
___2) Footprint of proposed and existing structures (including decks), label these with existing addresses
___3) Distance from structures to all property lines
___4) Location and size of easements
___5) Driveway path and distance at the entrance to the nearest property line
___6) Location and distance from any waters; sink holes; wetlands; and etc.
___7) Show slopes and or drainage paths
___8) Arrow showing North direction

SITE PLAN EXAMPLE

Revised 7/1/15

NOTE:
This site plan can be copied and used with the 911 Addressing Dept. application forms.





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

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.

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.

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 and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or 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. If a building or residence that I have built or substantially improved myself is sold or leased with in 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.

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

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.

I understand that it is 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.

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.

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.

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 Internet website address http://www.myfloridalicense.com/dbpr/for more information about licensed contractors.

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:

2710 SW Wilson Springs RD.

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 of 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.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of $300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of $100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

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

( ) Addition, Alteration, Modification or other Improvement

( ) Commercial, Cost of Construction_____ for construction of_____

( ) Other_____

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

Owner Builder Signature Date 1-2-19

NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification _____

Notary Signature Laurie Hodson Date 1.2.19 (Seal)

LAURIE HODSON
MY COMMISSION # FF 976102
EXPIRES: July 14, 2020
Bonded Thru Notary Public Underwriters

FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner builder has been given notice of the restriction stated above.

Building Official/Representative Daniel G. Roberts

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

PERMIT NO. 19-0006
DATE PAID: 1-4-19
FEE PAID: 680.00
RECEIPT #: 391953

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

APPLICANT: Stephen D Tornello

AGENT: _____ TELEPHONE: 904-316-5640

MAILING ADDRESS: 2009 SPOONBILL ST Jacksonville FL

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: 1 BLOCK: _____ SUBDIVISION: Santa Fe Woods PLATTED: 1995

PROPERTY ID #: R04143-101 ZONING: _____ I/M OR EQUIVALENT: [Y / (N)]

PROPERTY SIZE: 5.75 ACRES WATER SUPPLY: [X] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

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

PROPERTY ADDRESS: 2710 South West Wilson Springs Rd

DIRECTIONS TO PROPERTY: _____

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	Residence	3	1854 2720	
2				
3				
4				

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

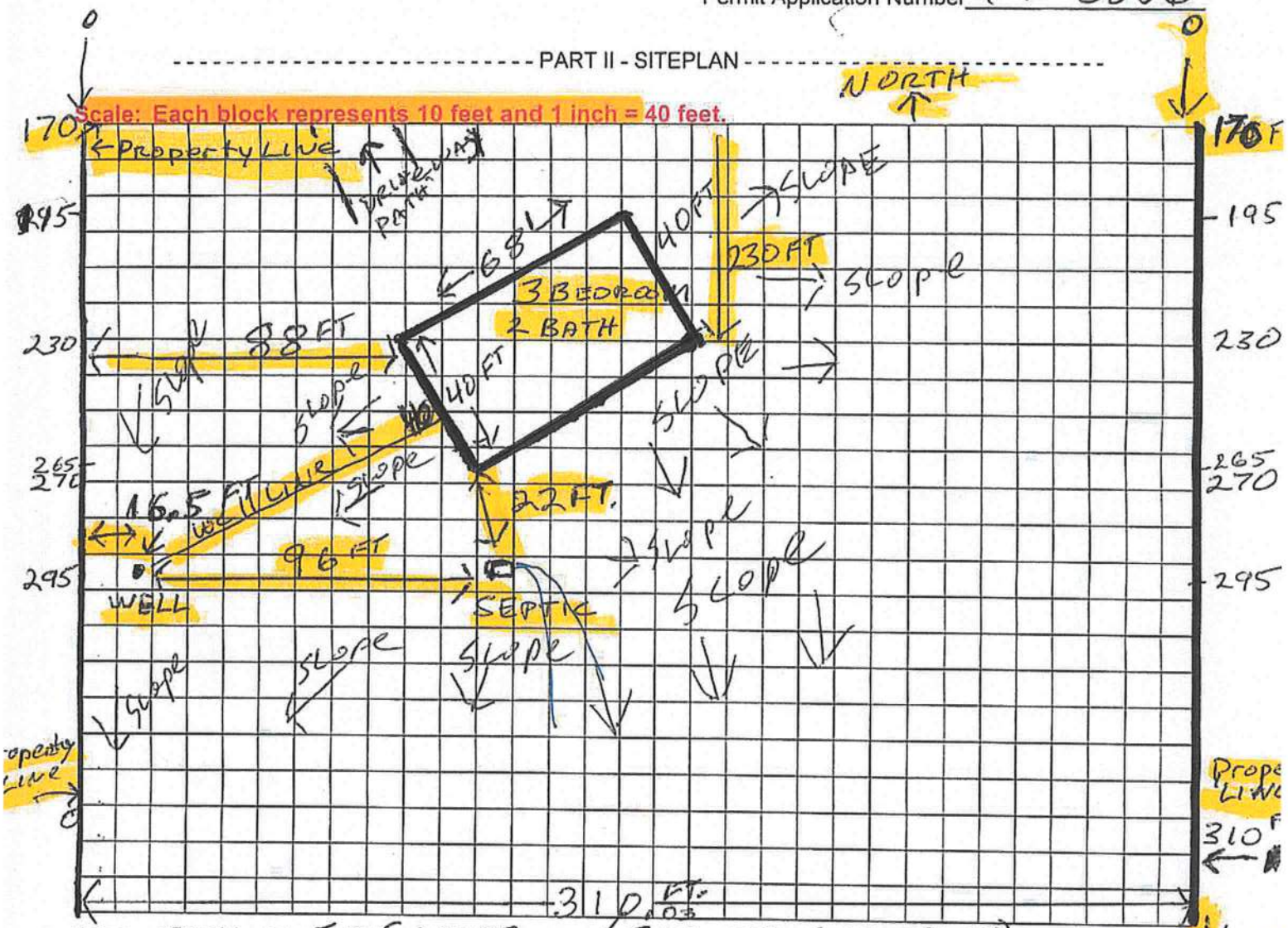
SIGNATURE: Stephen D Tornello DATE: 1-3-19

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

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 19-0006

PART II - SITEPLAN



Notes: TOTAL = 5.75 ACRES (310.03FT X 808.04 FT)
LIVING SPACE = 1854 SQ FT.
TOTAL BUILDING 2720 SQ FT

Site Plan submitted by: Stephen D. Tornello

Plan Approved ✓ Not Approved ____ Date 1/8/19

By ESI Columbia County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

37610

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

15225.3

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING		36x80(2) 32x80(1)	15225.5/15225.3
B. SLIDING	ATRIUM/REBUILT		11646.2
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	YKK AP AMERICA	Double Hung	10385.1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	YKK AP AMERICA	TRANSOM 35.5" x 16"	8197.1
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
* A. SIDING	CHEMPLANK/HARDIE BOARD		13192.1
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.

Tornello
2710 SW Wilson Springs Rd
Ft White FL.

NOTES: _____

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.)**	1854	**Total (Sq. Ft.) under roof** 2720	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	Yes		
5	Dimensions of all building set backs	Yes		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	Yes		
7	Provide a full legal description of property.	Yes		

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	Yes		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	Yes		
11	Wind importance factor and nature of occupancy	Yes		
12	The applicable internal pressure coefficient, Components and Cladding	Yes		
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.	Yes		

Elevations Drawing including:

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

Floor Plan Including:

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	Yes		
22	Raised floor surfaces located more than 30 inches above the floor or grade	NA		
23	All exterior and interior shear walls indicated	Yes		
24	Shear wall opening shown (Windows, Doors and Garage doors)	Yes		
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.	Yes		
26	Safety glazing of glass where needed	Yes		
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	Yes		
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	NA		
29	Identify accessibility of bathroom (see FBCR SECTION 320)	Yes		

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.	Yes		
31	All posts and/or column footing including size and reinforcing	Yes		
32	Any special support required by soil analysis such as piling.	NA		
33	Assumed load-bearing valve of soil _____ Pound Per Square Foot	NA		
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	Yes		

FBCR 506: CONCRETE SLAB ON GRADE

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

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**	Yes		

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	Yes		
39	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	Yes		

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	NA		
41	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or priers	NA		
42	Girder type, size and spacing to load bearing walls, stem wall and/or priers	NA		
43	Attachment of joist to girder	NA		
44	Wind load requirements where applicable	Yes		
45	Show required under-floor crawl space	NA		
46	Show required amount of ventilation opening for under-floor spaces	NA		
47	Show required covering of ventilation opening	NA		
48	Show the required access opening to access to under-floor spaces	NA		
49	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing	NA		
50	Show Draftstopping, Fire caulking and Fire blocking	Yes		
51	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	Yes		
52	Provide live and dead load rating of floor framing systems (psf).	NA		

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	Yes		
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	Yes		
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	Yes		
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	Yes		
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.	Yes		
58	Indicate where pressure treated wood will be placed	Yes		
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	Yes		
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	Yes		

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

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

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	Yes		
75	Attic space	Yes		
76	Exterior wall cavity	Yes		
77	Crawl space	NA		

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

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

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.	Yes		
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	Yes		
95	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058	Yes		
96	**City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031	NA		
97	**Toilet facilities shall be provided for all construction sites**	Yes		
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.	NA		
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.	Yes		
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.	Yes		

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.

904.316.5640

PAGE 1 of 2

TORNELLO RESIDENCE

Location: 2710 SW WILSON SPRINGS Rd
FORT WHITE FL 32038

Permit # 1901-02-SFD

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	MASONITE	INSWING/OUTSWING DOORS	FL8222-R7/FL 22513.6
B. SLIDING	MI WINDOWS & DOORS	72" VINYL SLIDING DOOR	FL 26012
C. SECTIONAL/~~ROLL-UP~~	CHI	10' SECTIONAL GARAGE DOOR	15074.1
D. OTHER	CHI	16' SECTIONAL GARAGE DOOR	15074.9
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	MI WINDOWS & DOORS	3500 'S SERIES WINDOWS	FL17594-R2
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	JAMES HARDIE	CEMENT BOARD LAP SIDING	FL13192 R4
B. SOFFITS	KAYCAN	Vinyl/Aluminum Soffit	FL 16503
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL	Gulf Coast Supply & Manufacturing	26G x 12 5V	FL11657-B-R3
C. ~~ROOFING TILES~~ ✓ Steel Metal	Gulf Coast Supply & Manufacturing	26G x 3	FL11657-22 R3
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL 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.

Contractor OR Agent Signature

1-3-19
Date

NOTES: See ATTACHED CADDITIONAL FLORIDA Product Approvals

TORNELLO RESIDENCE
LOCATION: 2710 SW WILSON SPRINGS Rd
Fort White FL 32038
904.316.5640

page 2 of 2

1901-02-SFD

Permit # ~~1400C6~~

FLORIDA PRODUCT APPROVALS

10-16-15

Rogue Valley Wood FL-13137

Item:	Manufacturer	Product Description:	Approval Number:
X Exterior Doors:	Masonite	Inswing & Outswing Fiberglass	FL-8228-R7
	Masonite	Inswing & Outswing Steel	FL-~~4904-R7~~ 22513.6 w/glass 22521.1
X	Plastpro	8'0" Inswing & Outswing Fiberglass	FL-15220-R1
[redacted]			
X	Plastpro	6'8" Inswing & Outswing Fiberglass	FL-15215-R3 flush glazed SH 17347 w/ insert
[redacted]			
	* 53"x50"	3580 Hz. Slider	FL-13349.2
1-7-16 Finless covers flange & finless per Jason		Vinyl 3540 Single Hung	FL-17676-~~R7~~ R6
		Vinyl 3500 Picture Window	FL-18644
[redacted]			
X Soffit:	Kaycan	Vinyl/PVC & Aluminum Soffit	FL-16503
[redacted]			
	LCI HW (House Wrap)	International Bldg Code	ESR3774
X Underlayment:	Woodland	30# Felt	FL-17206-R3
X	Interwrap	Rhino	FL-15216
[redacted]			
Peel n Seal S.A. FL-1654 R20	Certainteed	Flintlastic SBS & APP	FL-16709.1
Siding:	Allura of Plycem	Cement board lap siding	FL-17482-R2
X	James Hardie	Cement board lap siding	FL-13192-R4
Simpson		LSTA – MSTA, SPH4	FL-13872-R2
X	GAF	Tiger Paw Underlayment	FL-15487-R5
X Metal Roofing		5V Roofing Master Rib Roofing	FL-9555-R3 FL-9557-R3

5-17-16 per owner

11.17

X Board Compliance 13192.1

1-3-19

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

RE: B180237 - STEVE TORNELLO

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

Site Information:
Customer Info: Project Name: STEVETORNELLO Model:
Lot/Block: Subdivision:
Address: COLUMBIA
City: FORTWHITE 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 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 17 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
1	T15764323	A	12/7/18
2	T15764324	A1	12/7/18
3	T15764325	A2	12/7/18
4	T15764326	A3	12/7/18
5	T15764327	A4	12/7/18
6	T15764328	A5	12/7/18
7	T15764329	A6	12/7/18
8	T15764330	AG	12/7/18
9	T15764331	B	12/7/18
10	T15764332	B1	12/7/18
11	T15764333	B2	12/7/18
12	T15764334	BG	12/7/18
13	T15764335	CG	12/7/18
14	T15764336	CJ1	12/7/18
15	T15764337	CJ3	12/7/18
16	T15764338	CJ5	12/7/18
17	T15764339	CJ7	12/7/18

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: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2019.

Joaquin Velez PE No.68182
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.

December 7,2018

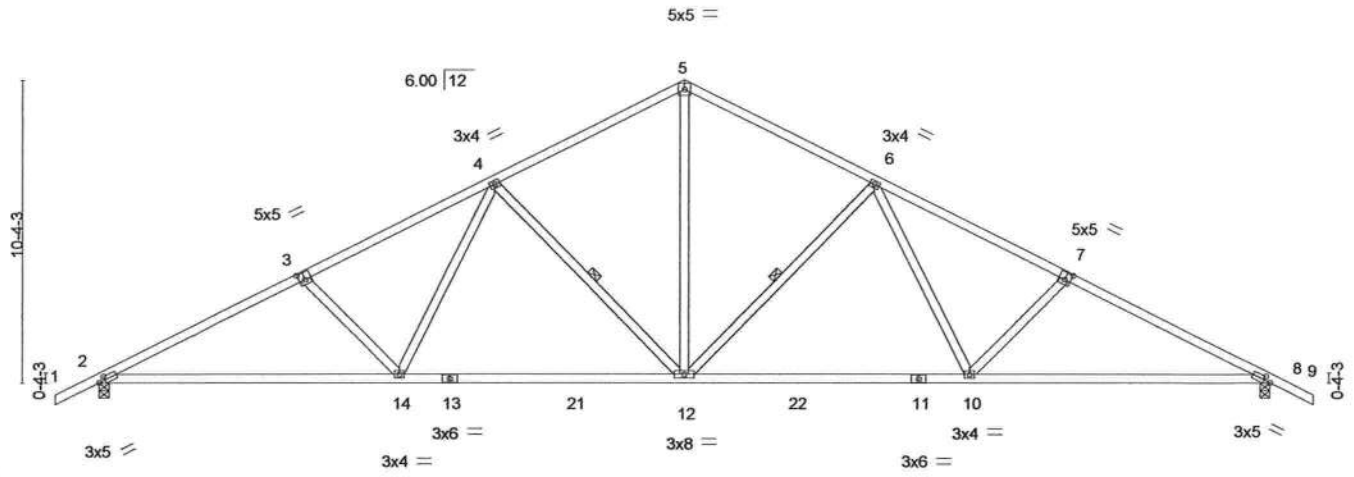
Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764323
B180237	A	Common	14	1	Job Reference (optional)	

AMERICAN TRUSS, CHIEFLAND FL 32626

8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:28 2018 Page 1
ID:lyUquMwUxjg8RDsgiStAaYyCJG2-KR8ezf07f1O0mS3R_IWdYBy9HhG_cwuaAJeO5HyBNGH

1-6-0	7-0-5	13-6-3	20-0-0	26-5-13	32-11-11	40-0-0	41-6-0
1-6-0	7-0-5	6-5-13	6-5-13	6-5-13	6-5-13	7-0-5	1-6-0

Scale = 1:74.4



10-3-4	20-0-0	29-8-12	40-0-0
10-3-4	9-8-12	9-8-12	10-3-4

Plate Offsets (X,Y)-- [2:0-2-10,0-1-8], [3:0-2-8,0-3-0], [7:0-2-8,0-3-0], [8:0-2-10,0-1-8]

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	0.46	Vert(LL)	-0.30	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	-0.49	12-14	>987	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.12	8	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 208 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 3-2-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-7-14 oc bracing.
WEBS 1 Row at midpt 6-12, 4-12

REACTIONS. (lb/size) 2=1570/0-4-0, 8=1570/0-4-0
Max Horz 2=-205(LC 10)
Max Uplift 2=-216(LC 12), 8=-216(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2790/872, 3-4=-2532/834, 4-5=-1759/676, 5-6=-1759/676, 6-7=-2532/834, 7-8=-2790/872
BOT CHORD 2-14=-650/2574, 12-14=-432/2073, 10-12=-435/1967, 8-10=-659/2446
WEBS 5-12=-410/1196, 6-12=-739/342, 6-10=-118/563, 7-10=-392/254, 4-12=-739/342, 4-14=-118/563, 3-14=-392/254

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=40ft; eave=5ft; 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=216, 8=216.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764324
B180237	A1	Hip	2	1	Job Reference (optional)	

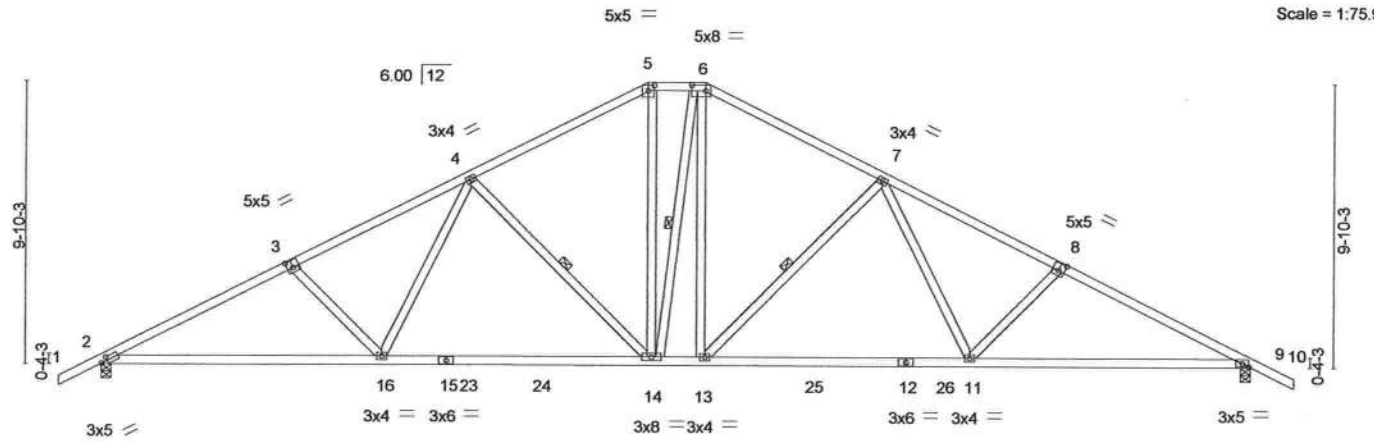
AMERICAN TRUSS, CHIEFLAND FL 32626

8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:29 2018 Page 1

ID:lyUquMwUxjg8RDsgiStAaYyCJG2-odi0B?1lPLWtOcedX?1s4PULq5diLT_jPzOxdjyBNGG

1-6-0	6-8-5	12-10-3	19-0-0	21-0-0	27-1-13	33-3-11	40-0-0	41-6-0
1-6-0	6-8-5	6-1-13	6-1-13	2-0-0	6-1-13	6-1-13	6-8-5	1-6-0

Scale = 1:75.9



9-9-4	19-0-0	21-0-0	30-2-12	40-0-0
9-9-4	9-2-12	2-0-0	9-2-12	9-9-4

Plate Offsets (X,Y)-- [2:0-2-10,0-1-8], [3:0-2-8,0-3-0], [5:0-2-8,0-2-4], [6:0-6-0,0-2-8], [8:0-2-8,0-3-0], [9:0-2-8,0-1-6]

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	0.40	Vert(LL)	-0.29	11-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.48	11-13	>990	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.27	Horz(CT)	0.12	9	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 232 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 3-3-13 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-8-4 oc bracing.
WEBS	1 Row at midpt 4-14, 6-14, 7-13

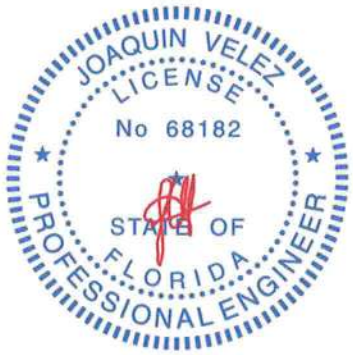
REACTIONS. (lb/size) 2=1570/0-4-0, 9=1570/0-4-0
Max Horz 2=-196(LC 10)
Max Uplift 2=-216(LC 12), 9=-216(LC 12)

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

TOP CHORD	2-3=-2825/867, 3-4=-2557/832, 4-5=-1823/682, 5-6=-1555/657, 6-7=-1821/681, 7-8=-2557/833, 8-9=-2825/867
BOT CHORD	2-16=-649/2553, 14-16=-447/2082, 13-14=-222/1574, 11-13=-450/2014, 9-11=-659/2464
WEBS	3-16=-370/239, 4-16=-107/532, 4-14=-710/328, 5-14=-189/595, 6-13=-187/616, 7-13=-713/329, 7-11=-107/534, 8-11=-369/239

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=216, 9=216.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

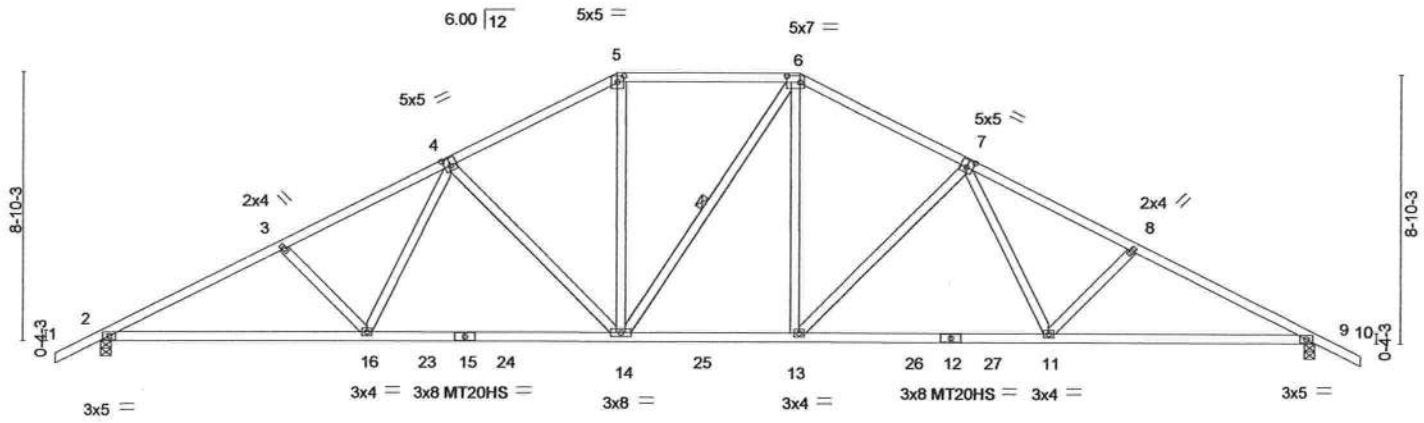
Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	A2	Hip	2	1	Job Reference (optional)	T15764325

AMERICAN TRUSS, CHIEFLAND FL 32626

8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:30 2018 Page 1
ID:lyUquMwUxjg8RDsgiStAaYyCJG2-GqFOOL1NAeek0mDp5jY5dc1WMU_T4rited7V99yBNGF

1-6-0	6-0-5	11-6-3	17-0-0	23-0-0	28-5-13	33-11-11	40-0-0	41-6-0
1-6-0	6-0-5	5-5-13	5-5-13	6-0-0	5-5-13	5-5-13	6-0-5	1-6-0

Scale = 1:71.8



8-9-4	17-0-0	23-0-0	31-2-12	40-0-0
8-9-4	8-2-12	6-0-0	8-2-12	8-9-4

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [5:0-2-8,0-2-4], [6:0-5-4,0-2-8], [7:0-2-8,0-3-0]

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	0.42	Vert(LL)	-0.22	14-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.39	11-13	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.12	9	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 223 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 3-5-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-8-10 oc bracing.
WEBS 1 Row at midpt 6-14

REACTIONS. (lb/size) 2=1570/0-4-0, 9=1570/0-4-0
Max Horz 2=-177(LC 10)
Max Uplift 2=-216(LC 12), 9=-216(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2859/860, 3-4=-2621/829, 4-5=-1975/699, 5-6=-1703/668, 6-7=-1975/698, 7-8=-2635/828, 8-9=-2859/860
BOT CHORD 2-16=-650/2605, 14-16=-475/2199, 13-14=-277/1739, 11-13=-478/2109, 9-11=-661/2500
WEBS 3-16=-325/211, 4-16=-90/453, 4-14=-622/290, 5-14=-148/569, 6-13=-149/637, 7-13=-621/290, 7-11=-90/452, 8-11=-325/211

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=216, 9=216.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

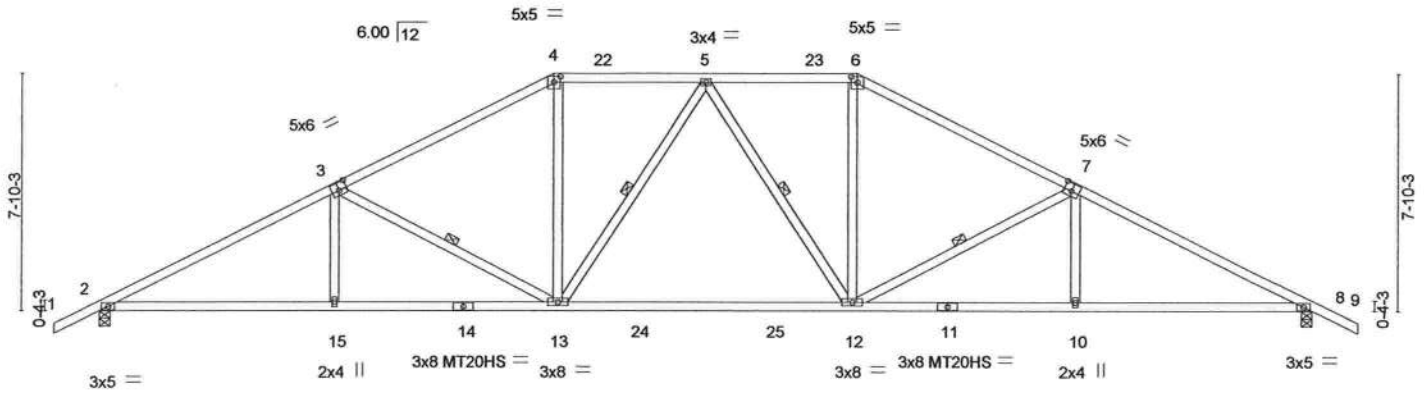
Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	A3	Hip	2	1	Job Reference (optional)	T15764326

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:31 2018 Page 1

ID:lyUquMwUxjg8RDsgiStAaYyCJG2-k0pmcg2?xynbdwo?fQ3K9qafCulupOd0tHt2icyBNGE

1-6-0	7-9-4	15-0-0	20-0-0	25-0-0	32-2-12	40-0-0	41-6-0
1-6-0	7-9-4	7-2-12	5-0-0	5-0-0	7-2-12	7-9-4	1-6-0

Scale = 1:71.8



7-9-4	15-0-0	25-0-0	32-2-12	40-0-0
7-9-4	7-2-12	10-0-0	7-2-12	7-9-4

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

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	0.54	Vert(LL)	-0.36	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.60	12-13	>806	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.13	8	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 212 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 3-1-5 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-11-0 oc bracing.
WEBS	1 Row at midpt 3-13, 5-13, 5-12, 7-12

REACTIONS. (lb/size) 2=1570/0-4-0, 8=1570/0-4-0
Max Horz 2=-158(LC 10)
Max Uplift 2=-216(LC 12), 8=-216(LC 12)

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

TOP CHORD	2-3=-2813/822, 3-4=-2176/698, 4-5=-1858/677, 5-6=-1858/677, 6-7=-2176/698, 7-8=-2813/822
BOT CHORD	2-15=-597/2439, 13-15=-598/2437, 12-13=-370/1956, 10-12=-607/2437, 8-10=-606/2439
WEBS	3-15=0/254, 3-13=-676/320, 4-13=-140/616, 5-13=-330/78, 5-12=-330/79, 6-12=-140/615, 7-12=-676/320, 7-10=0/254

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=216, 8=216.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

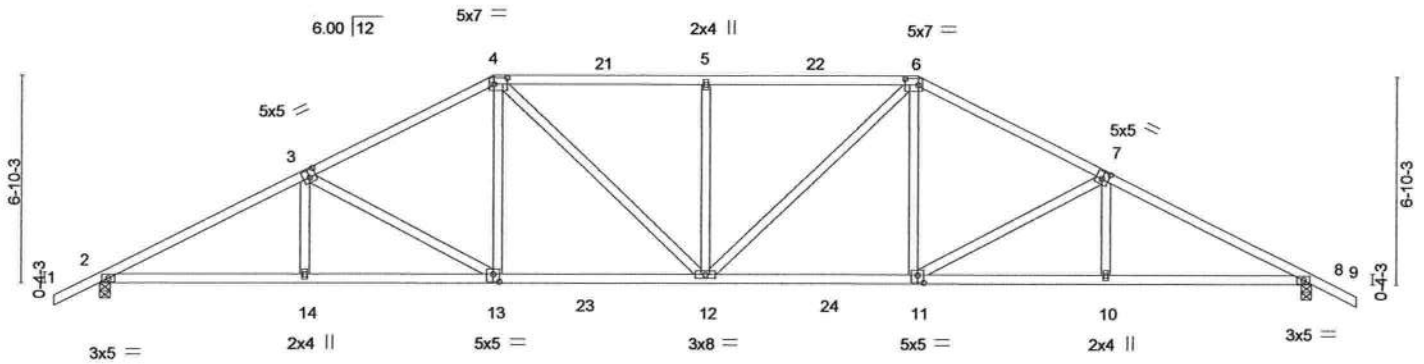
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	A4	Hip	1	1	Job Reference (optional)	T15764327

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:32 2018 Page 1
ID:lyUquMwUxjg8RDsgiStAaYyCJG2-CCN9p03diGvSF3NCD8aZi16rtliSYoy95xcbE2yBNGD

1-6-0	6-9-4	13-0-0	20-0-0	27-0-0	33-2-12	40-0-0	41-6-0
1-6-0	6-9-4	6-2-12	7-0-0	7-0-0	6-2-12	6-9-4	1-6-0

Scale = 1:71.8



6-9-4	13-0-0	20-0-0	27-0-0	33-2-12	40-0-0
6-9-4	6-2-12	7-0-0	7-0-0	6-2-12	6-9-4

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [4:0-5-4,0-2-8], [6:0-5-4,0-2-8], [7:0-2-8,0-3-0], [11:0-2-8,0-3-0], [13:0-2-8,0-3-0]

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	0.48	Vert(LL)	-0.17	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.34	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.13	8	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 214 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 3-4-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-7 oc bracing.

REACTIONS. (lb/size) 2=1570/0-4-0, 8=1570/0-4-0
Max Horz 2=-139(LC 10)
Max Uplift 2=-216(LC 12), 8=-216(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2853/817, 3-4=-2324/722, 4-5=-2301/770, 5-6=-2301/770, 6-7=-2324/722, 7-8=-2853/817
BOT CHORD 2-14=-602/2490, 13-14=-603/2488, 12-13=-382/2012, 11-12=-384/1995, 10-11=-615/2481, 8-10=-614/2484
WEBS 3-13=-561/265, 4-13=-73/435, 4-12=-113/550, 5-12=-482/213, 6-12=-113/550, 6-11=-73/435, 7-11=-561/265

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=216, 8=216.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764328
B180237	A5	Hip	1	1	Job Reference (optional)	

AMERICAN TRUSS, CHIEFLAND FL 32626

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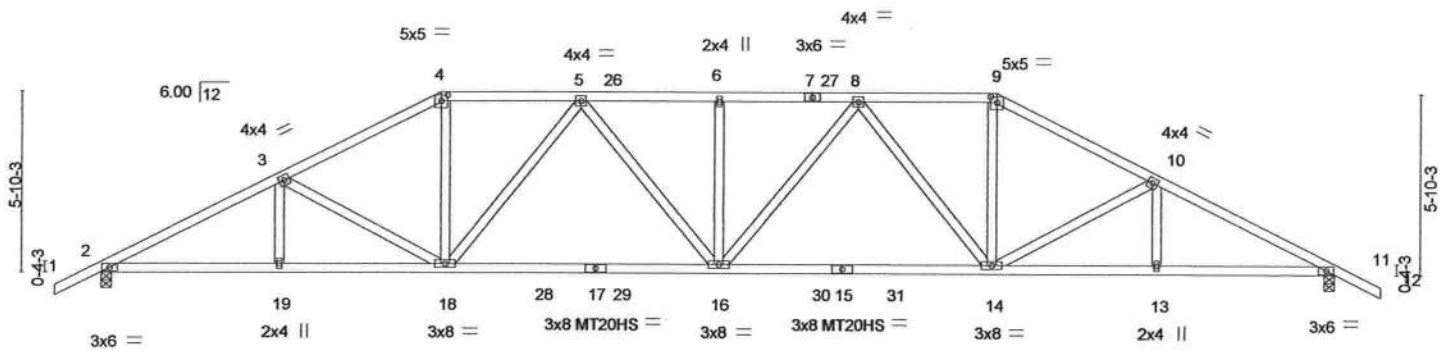
ID:lyUquMwUxjg8RDsgiStAaYyCJG2-gPxX1M4FTZ1JtDxOmr5oFFf3ji?fHDvJKaM9mUyBNGC

1-6-0	5-9-4	11-0-0	15-6-0	20-0-0	24-6-0	29-0-0	34-2-12	40-0-0	41-6-0
1-6-0	5-9-4	5-2-12	4-6-0	4-6-0	4-6-0	4-6-0	5-2-12	5-9-4	1-6-0

Scale = 1:70.5



5-9-4	11-0-0	20-0-0	29-0-0	34-2-12	40-0-0
5-9-4	5-2-12	9-0-0	9-0-0	5-2-12	5-9-4

Plate Offsets (X,Y)– [4:0-2-8,0-2-4], [9:0-2-8,0-2-4]

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	0.28	Vert(LL)	-0.23	16-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.45	16-18	>999	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.14	11	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 217 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 3-6-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-6 oc bracing.

REACTIONS. (lb/size) 2=1570/0-4-0, 11=1570/0-4-0
Max Horz 2=120(LC 11)
Max Uplift 2=-216(LC 12), 11=-216(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2890/816, 3-4=-2461/731, 4-5=-2151/696, 5-6=-2684/828, 6-8=-2684/828, 8-9=-2151/696, 9-10=-2461/731, 10-11=-2890/816
BOT CHORD 2-19=-611/2527, 18-19=-611/2527, 16-18=-546/2525, 14-16=-548/2525, 13-14=-625/2527, 11-13=-625/2527
WEBS 3-18=-454/225, 4-18=-192/801, 5-18=-691/189, 5-16=-29/335, 6-16=-265/123, 8-16=-29/335, 8-14=-691/189, 9-14=-192/801, 10-14=-454/224

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=216, 11=216.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764329
B180237	A6	Hip	1	1	Job Reference (optional)	

AMERICAN TRUSS, CHIEFLAND FL 32626

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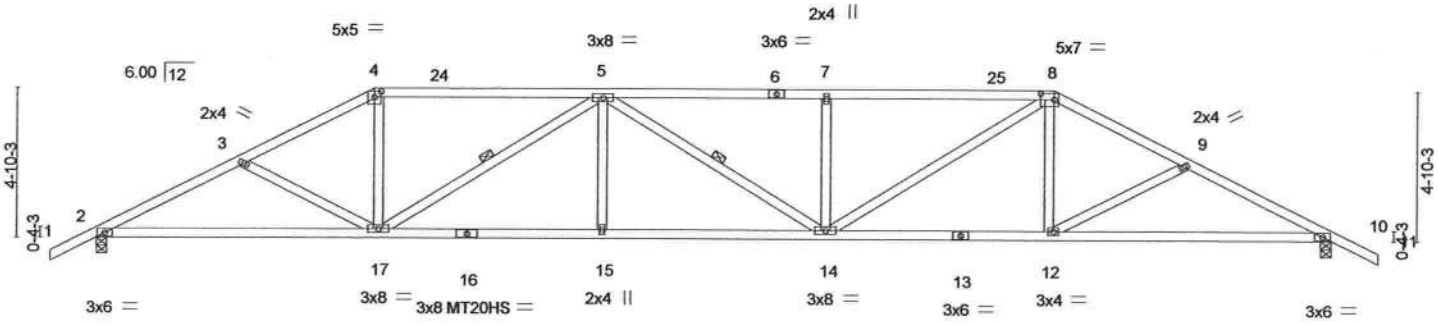
ID:lyUquMwUxjg8RDsgiStAaYyCJG2-8bVvEi4uEt9AUNWaKZd1nSC4s6L30iBSZE5ilwyBNGB

1-6-0	4-9-4	9-0-0	16-4-9	23-7-7	31-0-0	35-2-12	40-0-0	41-6-0
1-6-0	4-9-4	4-2-12	7-4-9	7-2-13	7-4-9	4-2-12	4-9-4	1-6-0

Scale = 1:70.5



9-0-0	16-4-9	23-7-7	31-0-0	40-0-0
9-0-0	7-4-9	7-2-13	7-4-9	9-0-0

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

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	0.90	Vert(LL)	-0.26	14-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.50	14-15	>957	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.15	10	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 204 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.
BOT CHORD	Rigid ceiling directly applied or 7-4-8 oc bracing.
WEBS	1 Row at midpt 5-17, 5-14

REACTIONS. (lb/size) 2=1570/0-4-0, 10=1570/0-4-0
Max Horz 2=-101(LC 10)
Max Uplift 2=-216(LC 12), 10=-216(LC 12)

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

TOP CHORD	2-3=-2895/829, 3-4=-2615/743, 4-5=-2313/707, 5-7=-3199/947, 7-8=-3199/947, 8-9=-2615/744, 9-10=-2895/829
BOT CHORD	2-17=-631/2544, 15-17=-726/3199, 14-15=-726/3199, 12-14=-482/2295, 10-12=-647/2545
WEBS	3-17=-294/186, 4-17=-168/811, 5-17=-1126/290, 7-14=-464/211, 8-14=-292/1143, 8-12=-17/356, 9-12=-295/186

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=216, 10=216.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

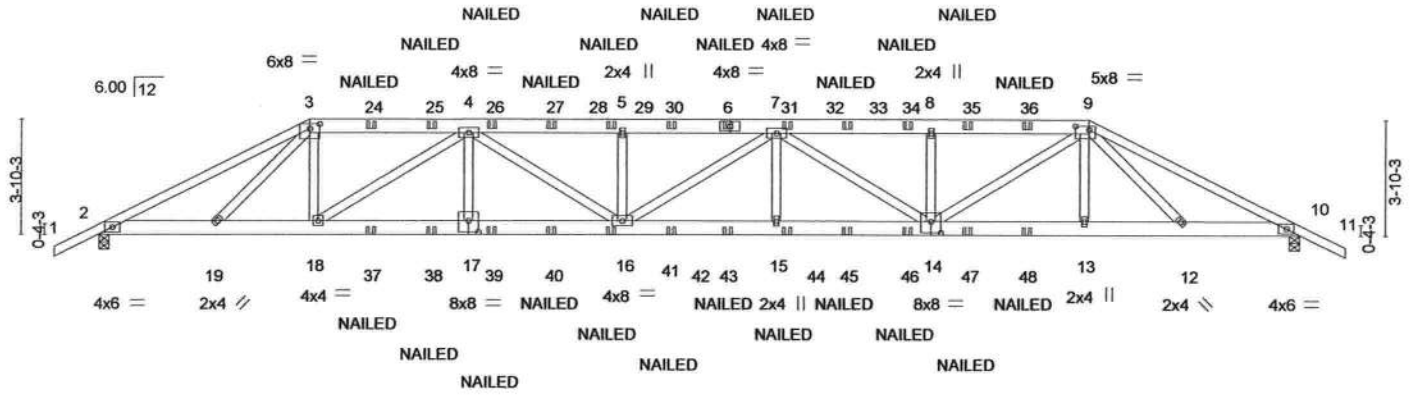
Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	AG	Hip Girder	1	2	Job Reference (optional)	T15764330

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:38 2018 Page 1

ID:lyUquMwUxjg8RDsgiStAaYyCJG2-1MkQ448OI6fcz?qMZOhzxIMsjjfyyVK2Us3wRiyBNG7

1-6-0	7-0-0	12-3-7	17-5-2	22-6-14	27-8-9	33-0-0	40-0-0	41-6-0
1-6-0	7-0-0	5-3-7	5-1-11	5-1-11	5-1-11	5-3-7	7-0-0	1-6-0

Scale = 1:72.6



3-11-4	7-0-0	12-3-7	17-5-2	22-6-14	27-8-9	33-0-0	36-0-12	40-0-0
3-11-4	3-0-12	5-3-7	5-1-11	5-1-11	5-1-11	5-3-7	3-0-12	3-11-4

Plate Offsets (X,Y)-- [3:0-4-0,0-1-15], [9:0-5-8,0-1-8], [14:0-4-0,0-4-8], [17:0-4-0,0-4-8]

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	0.52	Vert(LL)	-0.34	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.64	15-16	>756	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.39	Horz(CT)	0.16	10	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 529 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1 *Except* 3-6,6-9: 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=3100/0-4-0, 10=3100/0-4-0
Max Horz 2=81(LC 24)
Max Uplift 2=-448(LC 8), 10=-448(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6344/849, 3-4=-5714/801, 4-5=-9563/1294, 5-7=-9563/1294, 7-8=-8305/1136, 8-9=-8309/1137, 9-10=-6331/847
BOT CHORD 2-19=-654/5604, 18-19=-660/5614, 17-18=-1008/8307, 16-17=-1008/8307, 15-16=-1168/9569, 14-15=-1168/9569, 13-14=-661/5645, 12-13=-662/5620, 10-12=-653/5593
WEBS 3-18=-195/2319, 4-18=-3157/407, 4-17=0/350, 4-16=-186/1526, 5-16=-603/201, 7-15=0/373, 7-14=-1535/197, 8-14=-745/233, 9-14=-409/3226, 9-13=0/634

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=40ft; eave=5ft; 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
5) Provide adequate drainage to prevent water ponding.
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=448, 10=448.
9) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 216 lb down and 170 lb up at 7-0-0, and 216 lb down and 170 lb up at 33-0-0 on top chord, and 323 lb down and 32 lb up at 7-0-0, and 323 lb down and 32 lb up at 32-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-9=-60, 9-11=-60, 2-10=-14

Concentrated Loads (lb)

Vert: 3=-169(F) 6=-117(F) 9=-169(F) 18=-323(F) 13=-323(F) 24=-117(F) 25=-117(F) 26=-117(F) 27=-117(F) 29=-117(F) 30=-117(F) 31=-117(F) 33=-117(F) 34=-117(F) 35=-117(F) 36=-117(F) 37=-56(F) 38=-56(F) 39=-56(F) 40=-56(F) 41=-56(F) 42=-56(F) 43=-56(F) 44=-56(F) 45=-56(F) 46=-56(F) 47=-56(F) 48=-56(F)

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	B	Hip	1	1	Job Reference (optional)	T15764331

AMERICAN TRUSS, CHIEFLAND FL 32626

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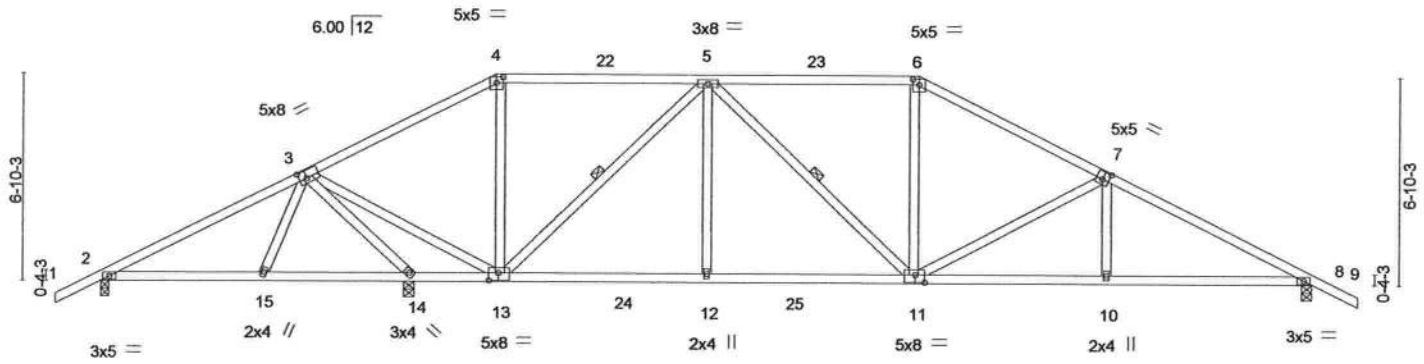
ID:lyUquMwUxjg8RDsgiStAaYyCJG2-VYIoHP803PnTb8PY76CCUWv1Z75bhsMBiWpT_8yBNG6

1-6-0	6-9-4	13-0-0	20-0-0	27-0-0	33-2-12	40-0-0	41-6-0
1-6-0	6-9-4	6-2-12	7-0-0	7-0-0	6-2-12	6-9-4	1-6-0

Scale = 1:71.8



5-4-4	10-2-0	13-0-0	20-0-0	27-0-0	33-2-12	40-0-0
5-4-4	4-9-12	2-10-0	7-0-0	7-0-0	6-2-12	6-9-4

Plate Offsets (X,Y)– [3:0-3-0,0-3-0], [4:0-2-8,0-2-4], [6:0-2-8,0-2-4], [7:0-2-8,0-3-0], [11:0-3-12,0-3-0], [13:0-3-12,0-3-0]

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	0.45	Vert(LL)	-0.08	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.16	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.05	8	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 221 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 4-1-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-4-7 oc bracing.
WEBS	1 Row at midpt 5-13, 5-11

REACTIONS. (lb/size) 2=430/0-3-0, 8=1173/0-4-0, 14=1537/0-4-0
Max Horz 2=-139(LC 10)
Max Uplift 2=-101(LC 12), 8=-176(LC 12), 14=-155(LC 12)
Max Grav 2=463(LC 21), 8=1173(LC 1), 14=1537(LC 1)

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

TOP CHORD	2-3=-456/152, 3-4=-507/238, 4-5=-371/257, 5-6=-1223/477, 6-7=-1438/483, 7-8=-1983/582
BOT CHORD	2-15=-2/345, 14-15=-29/308, 13-14=-1310/446, 12-13=-140/1132, 11-12=-140/1132, 10-11=-405/1704, 8-10=-404/1707
WEBS	3-14=-2121/627, 3-13=-437/1896, 5-13=-1069/270, 5-12=0/307, 6-11=-43/325, 7-11=-574/269

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=101, 8=176, 14=155.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MiTek REFERENCE 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.

MiTek
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Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764332
B180237	B1	Hip	1	1	Job Reference (optional)	

AMERICAN TRUSS, CHIEFLAND FL 32626

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ID:lyUquMwUxjg8RDsgiStAaYyCJG2-zlsAVl9eqjvJCl_khpkR1jRBZWNzQQbLxAY1WayBNG5

1-6-0	5-9-4	11-0-0	17-0-0	23-0-0	29-0-0	34-2-12	40-0-0	41-6-0
1-6-0	5-9-4	5-2-12	6-0-0	6-0-0	6-0-0	5-2-12	5-9-4	1-6-0

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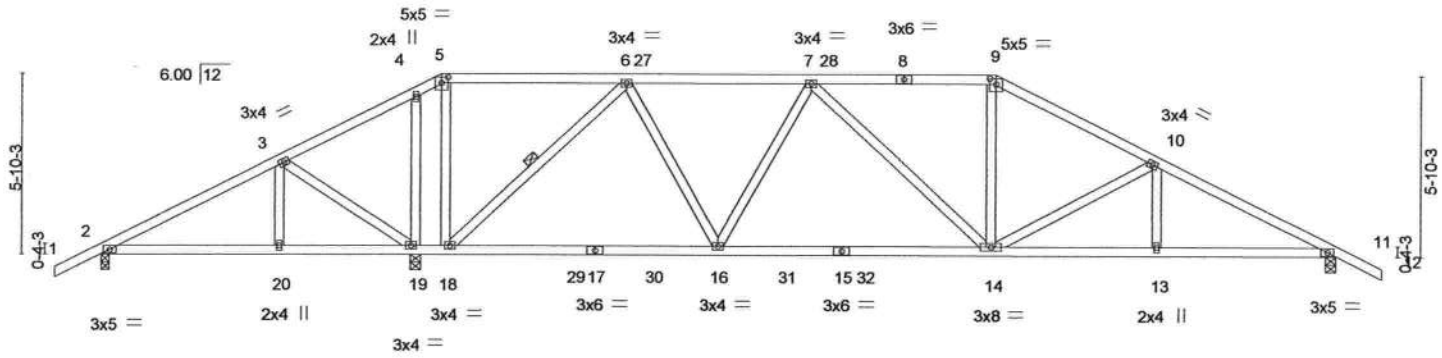

5-9-4	10-0-0	11-0-0	20-0-0	29-0-0	34-2-12	40-0-0
5-9-4	4-2-12	1-0-0	9-0-0	9-0-0	5-2-12	5-9-4

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

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	0.56	Vert(LL)	-0.18	16-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.36	16-18	>990	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.07	11	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 216 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 4-1-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-8-14 oc bracing.
WEBS 1 Row at midpt 6-18

REACTIONS. (lb/size) 2=516/0-3-0, 11=1211/0-4-0, 19=1413/0-4-0
Max Horz 2=120(LC 11)
Max Uplift 2=-80(LC 12), 11=-170(LC 12), 19=-183(LC 12)
Max Grav 2=534(LC 21), 11=1221(LC 22), 19=1413(LC 1)

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

TOP CHORD 2-3=-581/109, 3-4=-339/75, 4-5=-553/175, 5-6=-309/125, 6-7=-1426/428, 7-9=-1450/478, 9-10=-1687/489, 10-11=-2127/577
BOT CHORD 2-20=0/486, 19-20=0/486, 18-19=0/296, 16-18=-120/1177, 14-16=-239/1554, 13-14=-412/1846, 11-13=-412/1846
WEBS 5-18=-76/519, 6-18=-1243/371, 6-16=-84/542, 7-16=-317/166, 7-14=-260/62, 9-14=-67/437, 10-14=-463/227, 3-19=-257/160, 4-19=-730/217

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 11=170, 19=183.

Joaquin Velez PE No.68182
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Date:
December 7,2018

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764333
B180237	B2	Hip	1	1	Job Reference (optional)	

AMERICAN TRUSS, CHIEFLAND FL 32626

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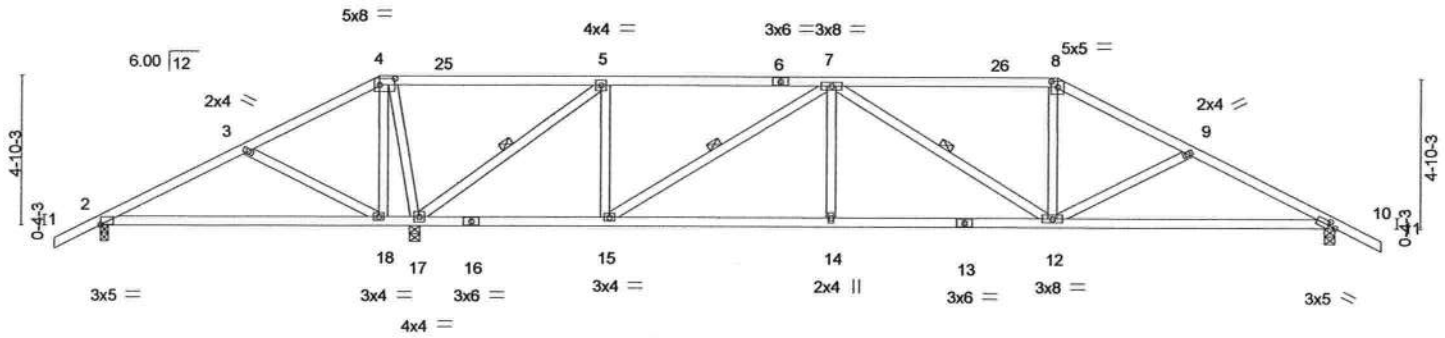
1-6-0	4-9-4	9-0-0	16-4-0	23-8-0	31-0-0	35-2-12	40-0-0	41-6-0
1-6-0	4-9-4	4-2-12	7-4-0	7-4-0	7-4-0	4-2-12	4-9-4	1-6-0

Scale = 1:70.5



9-0-0	10-2-0	16-4-0	23-8-0	31-0-0	40-0-0
9-0-0	1-2-0	6-2-0	7-4-0	7-4-0	9-0-0

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

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	0.58	Vert(LL)	-0.13	12-24	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.24	12-24	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.04	10	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 209 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 4-6-13 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-17, 7-15, 7-12

REACTIONS. (lb/size) 2=30/0-3-0, 17=2067/0-4-0 (req. 0-4-2), 10=1043/0-4-0
Max Horz 2=-101(LC 10)
Max Uplift 2=-206(LC 22), 17=-227(LC 12), 10=-158(LC 12)
Max Grav 2=74(LC 21), 17=2067(LC 1), 10=1054(LC 22)

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

TOP CHORD	2-3=-110/740, 3-4=-199/900, 4-5=-182/996, 5-7=-520/222, 7-8=-1276/424, 8-9=-1475/432, 9-10=-1754/521
BOT CHORD	2-18=-633/173, 17-18=-745/348, 15-17=0/520, 14-15=-222/1348, 12-14=-222/1348, 10-12=-372/1539
WEBS	3-18=-334/199, 4-18=-11/384, 4-17=-993/251, 5-17=-1821/492, 5-15=-80/617, 7-15=-995/270, 8-12=-31/372, 9-12=-310/191

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=40ft; eave=5ft; 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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.
6) WARNING: Required bearing size at joint(s) 17 greater than input bearing size.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=206, 17=227, 10=158.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	BG	Hip Girder	1	2	Job Reference (optional)	T15764334

AMERICAN TRUSS, CHIEFLAND FL 32626

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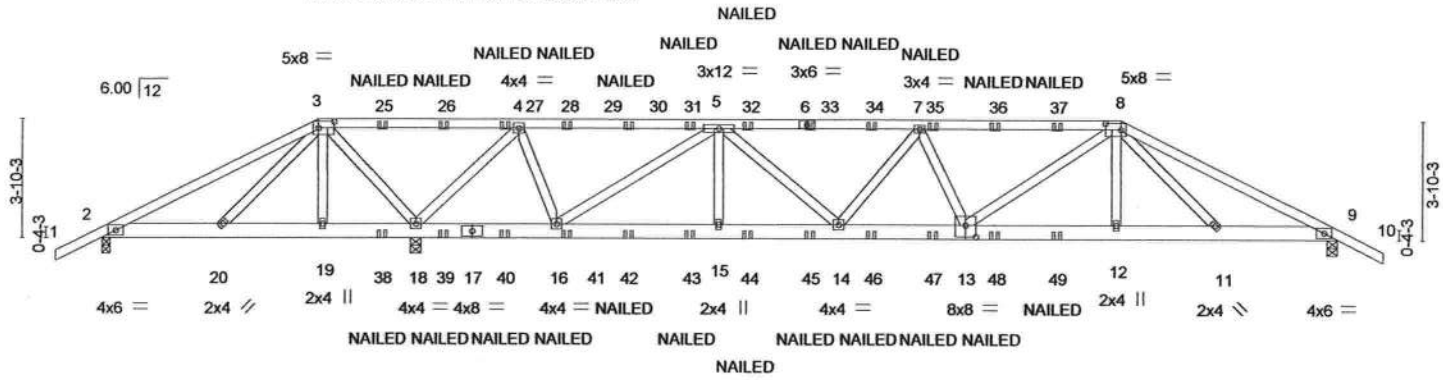
ID:lyUquMwUxjg8RDsgiStAaYyCJG2-sW6hK7C9tyPlhwHVwfoNBZcrA8pEMDQxsoWEfLyBNG1

1-6-0	7-0-0	13-6-0	20-0-0	26-6-0	33-0-0	40-0-0	41-6-0
1-6-0	7-0-0	6-6-0	6-6-0	6-6-0	6-6-0	7-0-0	1-6-0

THIS TRUSS IS NOT SYMMETRIC.
PROPER ORIENTATION IS ESSENTIAL.

Scale = 1:70.5



3-11-4	7-0-0	10-2-0	14-8-13	20-0-0	23-10-6	28-5-3	33-0-0	36-0-12	40-0-0
3-11-4	3-0-12	3-2-0	4-6-13	5-3-3	3-10-6	4-6-13	4-6-13	3-0-12	3-11-4

Plate Offsets (X,Y)-- [3:0-6-0,0-2-8], [8:0-6-0,0-2-8], [13:0-4-0,0-4-8]

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	0.65	Vert(LL)	-0.09	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.17	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(CT)	0.03	9	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 483 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 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 2=-450/0-3-0, 18=4759/0-4-0 (req. 0-4-12), 9=1890/0-4-0
Max Horz 2=-81(LC 23)
Max Uplift 2=-667(LC 18), 18=-613(LC 8), 9=-292(LC 8)
Max Grav 2=162(LC 6), 18=4759(LC 1), 9=1895(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-217/1701, 3-4=-369/3194, 5-7=-3456/490, 7-8=-3788/537, 8-9=-3674/503
BOT CHORD 2-20=-1490/247, 19-20=-1641/262, 18-19=-1633/264, 16-18=-609/117, 15-16=-288/2632, 14-15=-288/2632, 13-14=-462/3895, 12-13=-344/3180, 11-12=-345/3159, 9-11=-344/3212
WEBS 3-20=-22/343, 3-19=-31/275, 3-18=-2360/355, 4-18=-3737/558, 4-16=-130/1966, 5-16=-3058/420, 5-15=0/340, 5-14=-106/1114, 7-14=-734/176, 7-13=-302/160, 8-13=-85/788, 8-12=0/563

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=4.2psf; h=25ft; B=45ft; L=40ft; eave=5ft; 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
5) Provide adequate drainage to prevent water ponding.
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) WARNING: Required bearing size at joint(s) 18 greater than input bearing size.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=667, 18=613, 9=292.
10) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 216 lb down and 170 lb up at 7-0-0, and 216 lb down and 170 lb up at 33-0-0 on top chord, and 323 lb down and 32 lb up at 7-0-0, and 323 lb down and 32 lb up at 32-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

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6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-8=-60, 8-10=-60, 2-9=-14

Concentrated Loads (lb)

Vert: 3=-169(B) 6=-117(B) 8=-169(B) 19=-323(B) 12=-323(B) 25=-117(B) 26=-117(B) 27=-117(B) 28=-117(B) 30=-117(B) 31=-117(B) 32=-117(B) 34=-117(B) 35=-117(B) 36=-117(B) 37=-117(B) 38=-56(B) 39=-56(B) 40=-56(B) 41=-56(B) 42=-56(B) 43=-56(B) 44=-56(B) 45=-56(B) 46=-56(B) 47=-56(B) 48=-56(B) 49=-56(B)

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	CG	Diagonal Hip Girder	4	1	Job Reference (optional)	T15764335

AMERICAN TRUSS, CHIEFLAND FL 32626

8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:45 2018 Page 1
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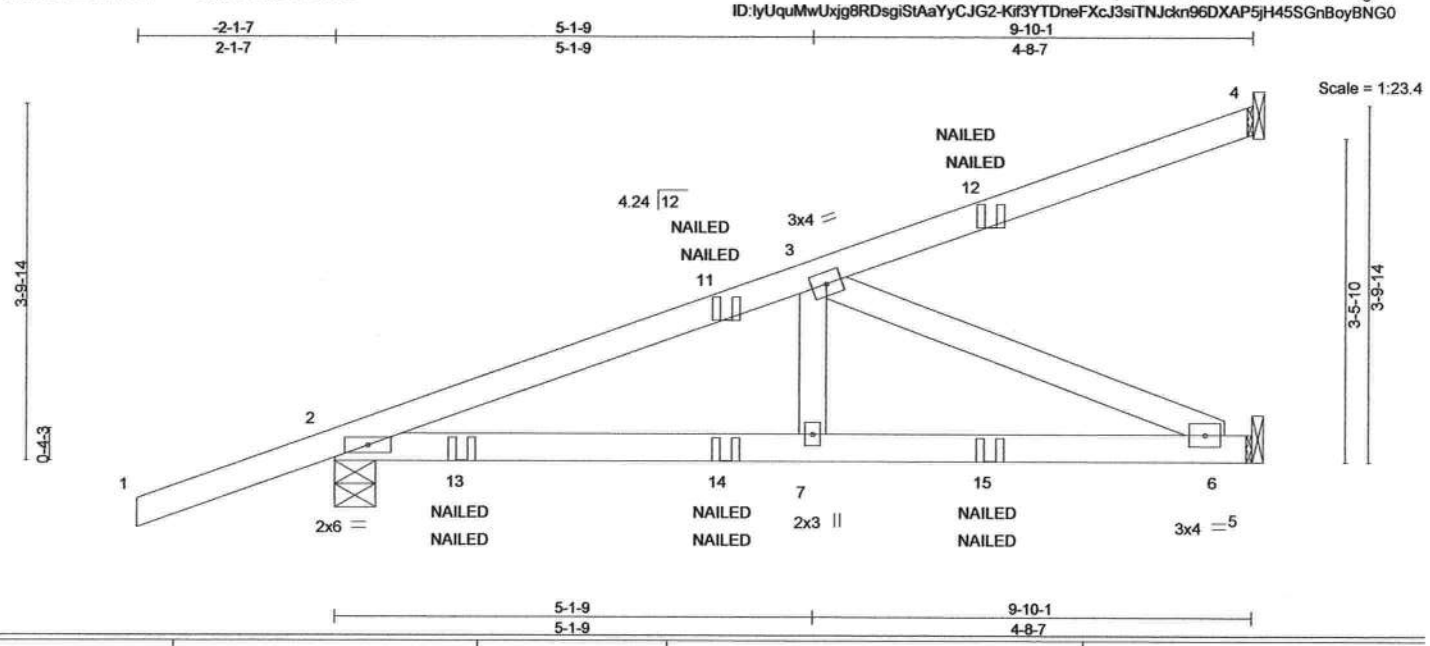

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.04	7-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.06	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.01	5	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 43 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 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=137/Mechanical, 2=454/0-5-5, 5=287/Mechanical
Max Horz 2=132(LC 8)
Max Uplift 4=-47(LC 8), 2=-178(LC 8), 5=-28(LC 8)
Max Grav 4=137(LC 1), 2=525(LC 28), 5=290(LC 28)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-698/66
BOT CHORD 2-7=-128/633, 6-7=-128/633
WEBS 3-6=-687/139

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) 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5 except (jt=lb) 2=178.
6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
7) 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: 1-4=-60, 5-8=-14
Concentrated Loads (lb)
Vert: 12=-69(F=-34, B=-34) 13=100(F=50, B=50) 14=-6(F=-3, B=-3) 15=-53(F=-26, B=-26)

Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
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December 7,2018

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764336
B180237	CJ1	Jack-Open	8	1	Job Reference (optional)	

AMERICAN TRUSS, CHIEFLAND FL 32626

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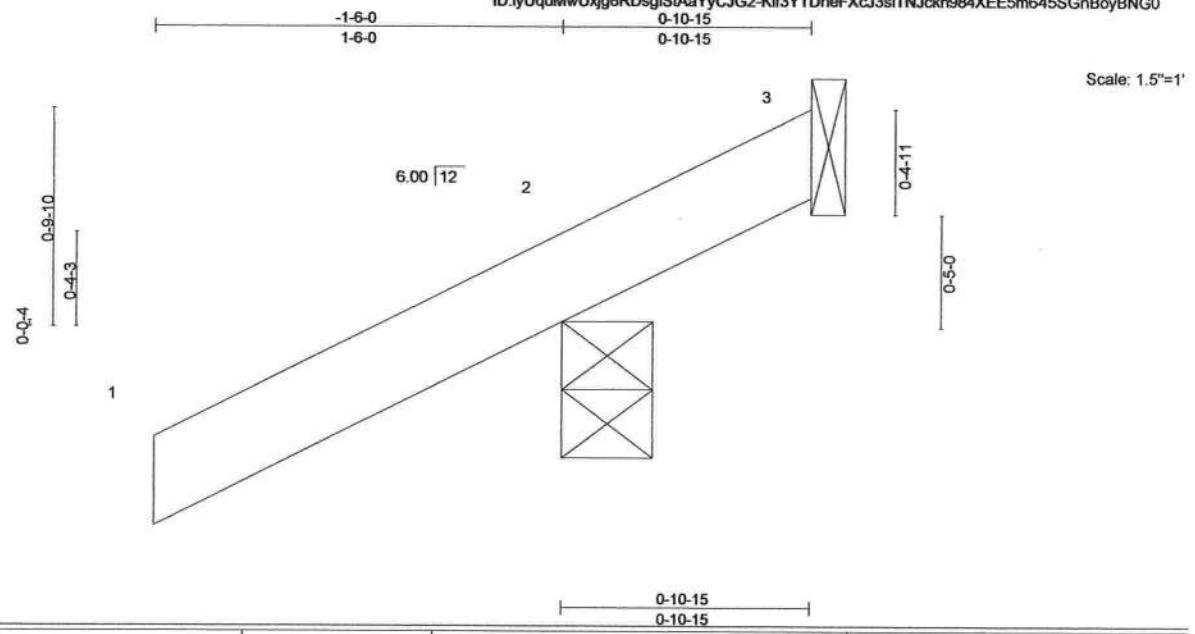

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	0.00	2	>999	240		
TCDL	10.0	Lumber DOL	1.25	BC	0.00	Vert(CT)	0.00	2	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 4 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1

BRACING-
TOP CHORD Structural wood sheathing directly applied or 0-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=-92/Mechanical, 3=-92/Mechanical, 2=236/0-4-0
Max Horz 2=47(LC 12)
Max Uplift 3=-92(LC 1), 3=-92(LC 1), 2=-136(LC 12)
Max Grav 3=72(LC 12), 2=236(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 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.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 2=136.
5) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	CJ3	Jack-Open	8	1	Job Reference (optional)	T15764337

AMERICAN TRUSS, CHIEFLAND FL 32626

8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:46 2018 Page 1
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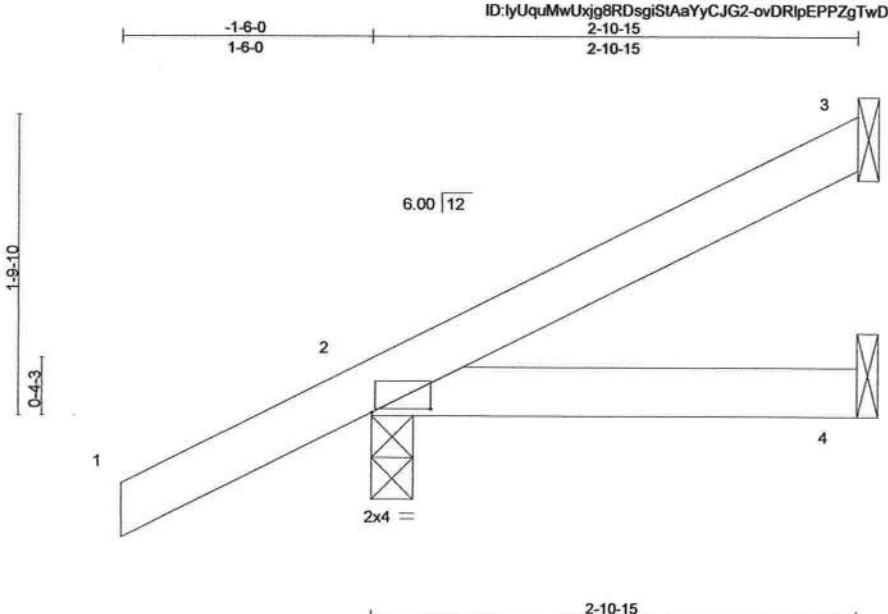

Plate Offsets (X,Y)-- [2:0-4-4,0-0-4]

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	0.10	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.00	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 12 lb	FT = 0%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=61/Mechanical, 2=219/0-3-0, 4=21/Mechanical
Max Horz 2=74(LC 12)
Max Uplift 3=-18(LC 12), 2=-65(LC 12)
Max Grav 3=61(LC 1), 2=219(LC 1), 4=41(LC 3)

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	
B180237	CJ5	Jack-Open	8	1	Job Reference (optional)	T15764338

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:46 2018 Page 1

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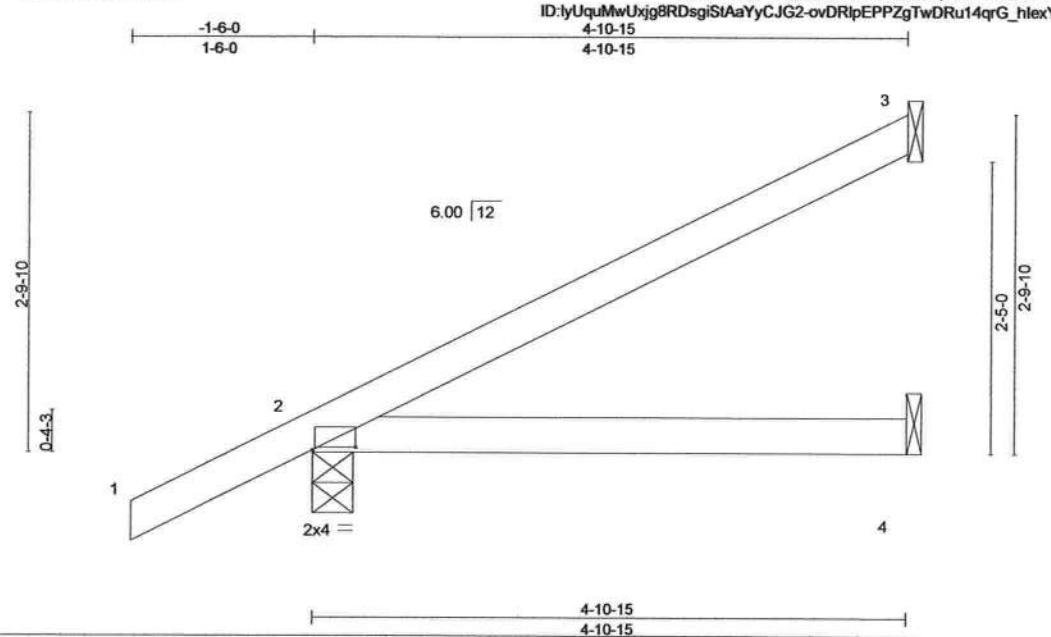

Plate Offsets (X,Y)-- [2:0-4-4,0-0-4]

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	0.21	Vert(LL)	-0.02	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	-0.04	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 18 lb	FT = 0%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=119/Mechanical, 2=283/0-4-0, 4=46/Mechanical
Max Horz 2=103(LC 12)
Max Uplift 3=-41(LC 12), 2=-59(LC 12)
Max Grav 3=119(LC 1), 2=283(LC 1), 4=76(LC 3)

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	STEVE TORNELLO	T15764339
B180237	CJ7	Jack-Open	28	1	Job Reference (optional)	

AMERICAN TRUSS, CHIEFLAND FL 32626 — 8.240 s Dec 3 2018 MiTek Industries, Inc. Fri Dec 7 11:16:47 2018 Page 1

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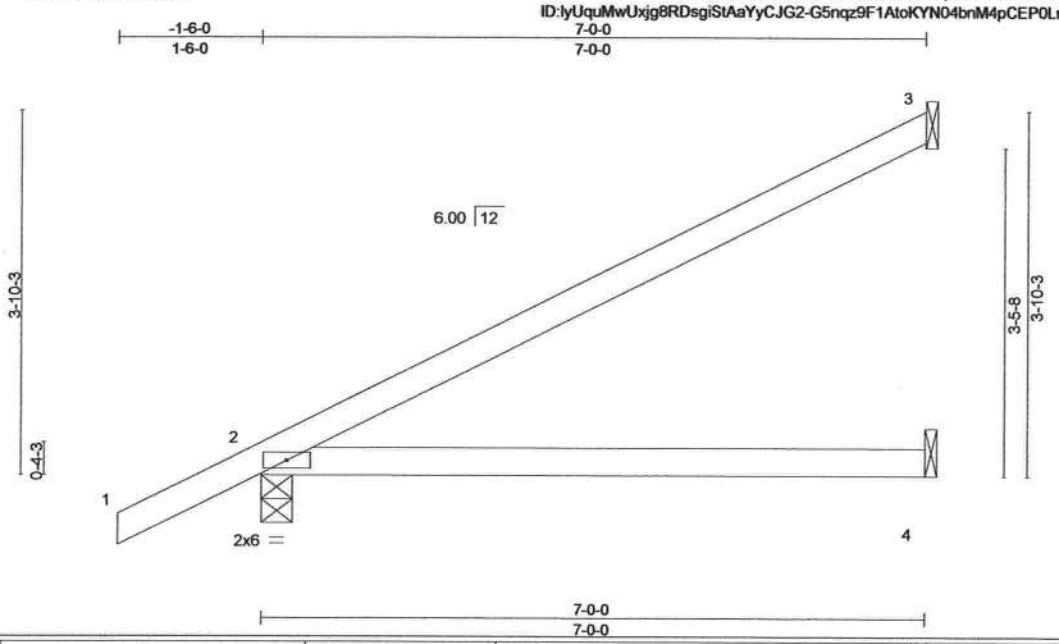

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	0.10	4-7	>845	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.18	4-7	>474	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	7.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 25 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 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 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=177/Mechanical, 2=356/0-4-0, 4=70/Mechanical
Max Horz 2=133(LC 12)
Max Uplift 3=-63(LC 12), 2=-58(LC 12)
Max Grav 3=177(LC 1), 2=356(LC 1), 4=110(LC 3)

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.

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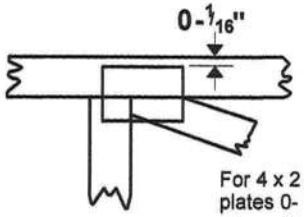
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
December 7,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

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

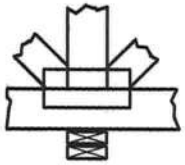
4 x 4

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

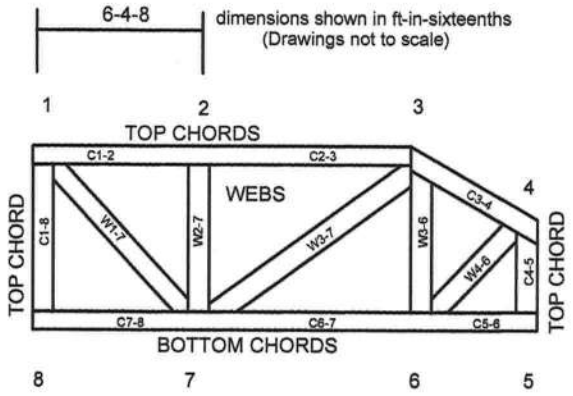


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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

MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015

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.

AED Assessment

Entire House

Arctic AC Service

Job:
Date: 12/13/2018
By: Arctic AC Service

FL 32024 Phone: 3866231609 Email: kennethroder@gmail.com

Project Information

For: Tornello Residence
Fort White, FL 32024

Design Conditions

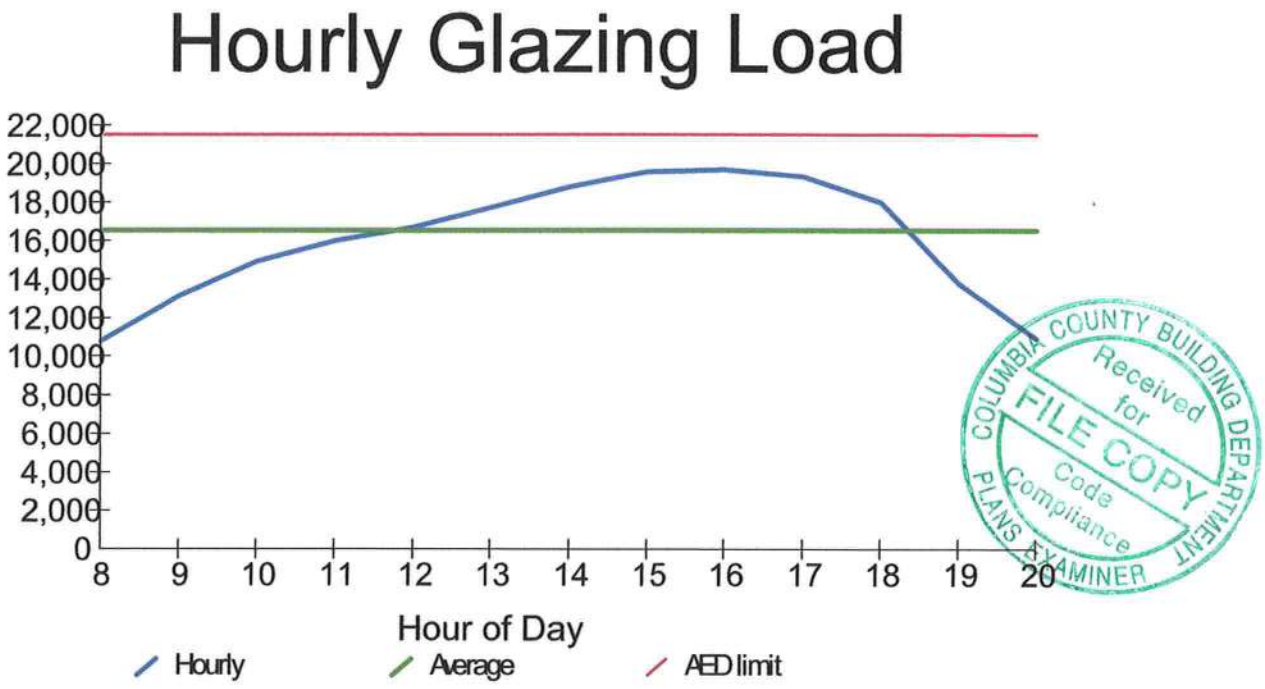
Location:
Gainesville Regional AP, FL, US
Elevation: 131 ft
Latitude: 30 °N

Outdoor:	Heating	Cooling
Dry bulb (°F)	33	92
Daily range (°F)	-	18 (M)
Wet bulb (°F)	-	77
Wind speed (mph)	15.0	7.5

Indoor:	Heating	Cooling
Indoor temperature (°F)	70	75
Design TD (°F)	37	17
Relative humidity (%)	30	50
Moisture difference (gr/lb)	10.4	48.5

Infiltration:

Test for Adequate Exposure Diversity



Maximum hourly glazing load exceeds average by 19.0%.

House has adequate exposure diversity (AED), based on AED limit of 30%.

AED excursion: 0 Btuh

Project Summary
Entire House
Arctic AC Service

Job:
Date: 12/13/2018
By: Arctic AC Service

FL 32024 Phone: 3866231609 Email: kennethroder@gmail.com

Project Information

For: Tornello Residence
Fort White, FL 32024

Notes:

Design Information

Weather: Gainesville Regional AP, 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	48	gr/lb

Heating Summary

Structure	29279	Btuh
Ducts	0	Btuh
Central vent (37 cfm)	1489	Btuh
Outside air		
Humidification	0	Btuh
Piping	0	Btuh
Equipment load	30769	Btuh

Sensible Cooling Equipment Load Sizing

Structure	23257	Btuh
Ducts	0	Btuh
Central vent (37 cfm)	694	Btuh
Outside air		
Blower	0	Btuh
Use manufacturer's data	y	
Rate/swing multiplier	1.00	
Equipment sensible load	23951	Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	1 (Average)

	Heating	Cooling
Area (ft²)	1858	1858
Volume (ft³)	16718	16718
Air changes/hour	0.45	0.20
Equiv. AVF (cfm)	126	56

Latent Cooling Equipment Load Sizing

Structure	2828	Btuh
Ducts	0	Btuh
Central vent (37 cfm)	1216	Btuh
Outside air		
Equipment latent load	4044	Btuh
Equipment Total Load (Sen+Lat)	27995	Btuh
Req. total capacity at 0.70 SHR	2.9	ton

Heating Equipment Summary

Make	n/a
Trade	n/a
Model	n/a
AHRI ref	n/a

Efficiency	n/a	
Heating input	0	Btuh
Heating output	0	Btuh
Temperature rise	0	°F
Actual air flow	1062	cfm
Air flow factor	0.036	cfm/Btuh
Static pressure	0	in H2O
Space thermostat		

Cooling Equipment Summary

Make		
Trade		
Cond		
Coil		
AHRI ref		
Efficiency	0 SEER	
Sensible cooling	0	Btuh
Latent cooling	0	Btuh
Total cooling	0	Btuh
Actual air flow	1062	cfm
Air flow factor	0.046	cfm/Btuh
Static pressure	0	in H2O
Load sensible heat ratio	0.86	

Bold/italic values have been manually overridden

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

Right-J® Worksheet
Entire House
Arctic AC Service

Job:
Date: 12/13/2018
By: Arctic AC Service

FL 32024 Phone: 3866231609 Email: kennethroder@gmail.com

					Entire House				First Floor			
1	Room name											
2	Exposed wall				196.4 ft				196.4 ft			
3	Room height				9.0 ft		d		9.0 ft		heat/cool	
4	Room dimensions								1.0 x 1857.5 ft			
5	Room area				1857.5 ft²				1857.5 ft²			
	Ty	Construction number	U-value (Btuh/ft²-°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12E-0sw	0.068	n	2.50	1.38	504	357	890	492	504	357	890	492
.	G	1D-c2ow	0.570	n	20.92	21.40	116	0	2423	2479	116	0	2423	2479
.	D	11J0	0.600	n	22.02	17.64	32	32	694	556	32	32	694	556
.	W	12E-0sw	0.068	e	2.50	1.38	369	284	709	392	369	284	709	392
11	G	1D-c2ow	0.570	e	20.92	63.49	85	0	1778	5397	85	0	1778	5397
	W	12E-0sw	0.068	s	2.50	1.38	522	402	1003	555	522	402	1003	555
	G	1D-c2ow	0.570	s	20.92	25.12	120	0	2510	3014	120	0	2510	3014
	W	12E-0sw	0.068	w	2.50	1.38	360	278	693	383	360	278	693	383
	G	1D-c2ow	0.570	w	20.92	63.49	83	0	1726	5238	83	0	1726	5238
	W	12E-0sw	0.068	nw	2.50	1.38	13	9	23	13	13	9	23	13
	G	1D-c2ow	0.570	nw	20.92	47.45	3	0	70	158	3	0	70	158
	C	16X19-19al	0.049	-	1.03	0.64	1858	1858	1913	1187	1858	1858	1913	1187
	F	22A-tph	1.358	-	49.84	0.00	1858	196	9789	0	1858	196	9789	0
6	c) AED excursion									0				0
	Envelope loss/gain								24222	19864			24222	19864
12	a) Infiltration								5058	1043			5058	1043
	b) Room ventilation								0	0			0	0
13	Internal gains:	Occupants @	230				5			1150	5			1150
		Appliances/other								1200				1200
	Subtotal (lines 6 to 13)								29279	23257			29279	23257
	Less external load								0	0			0	0
	Less transfer								0	0			0	0
	Redistribution								0	0			0	0
14	Subtotal								29279	23257			29279	23257
15	Duct loads						0%	0%	0	0	-0%	0%	0	0
	Total room load								29279	23257			29279	23257
	Air required (cfm)								1062	1062			1062	1062

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

FLORIDA BUILDING CODE, ENERGY CONSERVATION
Residential Building Thermal Envelope Approach
FORM R402-2017 — **Climate Zone ☐**

Scope: Compliance with Section R401.2(1) of the *Florida Building Code, Energy Conservation*, shall be demonstrated by the use of Form R402 for single- and multiple-family residences of three stories or less in height, additions to existing residential buildings, alterations, renovations and building systems in existing buildings, as applicable. To comply, a building must meet or exceed all of the energy efficiency requirements on Table R402A and all applicable mandatory requirements summarized in Table R402B of this form. If a building does not comply with this method, or by the UA Alternative method, it may still comply under Section R405 of the *Florida Building Code, Energy Conservation.*

PROJECT NAME AND ADDRESS: Tornello Residence	**BUILDER:** Owner Builder
OWNER: STEPHEN D. TORNELLO	**PERMITTING OFFICE:**
	JURISDICTION NUMBER:
	PERMIT NUMBER:

General Instructions:

1. Fill in all the applicable spaces of the "To Be Installed" column on Table R402A with the information requested. All "To Be Installed" values must be equal to or more efficient than the required levels.
2. Complete page 1 based on the "To Be Installed" column information.
3. Read the requirements of Table R402B and check each box to indicate your intent to comply with all applicable items.
4. Read, sign and date the "Prepared By" certification statement at the bottom of page 1. The owner or owner's agent must also sign and date the form.

1.	New construction, addition, or existing building	1.	New constr.
2.	Single-family detached or multiple-family attached	2.	single family
3.	If multiple-family, number of units covered by this submission	3.	—
4.	Is this a worst case? (yes/no)	4.	no
5.	Conditioned floor area (sq. ft.)	5.	1854 sq. ft.
6.	Windows, type and area		
	a) *U*-factor:	6a.	0.40 max
	b) Solar Heat Gain Coefficient (SHGC)	6b.	0.25 max
	c) Area	6c.	254 sq. ft.
7.	Skylights		
	a) *U*-factor:	7a.	—
	b) Solar Heat Gain Coefficient (SHGC)	7b.	—
8.	Floor type, area or perimeter, and insulation:		
	a) Slab-on-grade (*R*-value)	8a.	NR
	b) Wood, raised (*R*-value)	8b.	—
	c) Wood, common (*R*-value)	8c.	—
	d) Concrete, raised (*R*-value)	8d.	—
	e) Concrete, common (*R*-value)	8e.	—
9.	Wall type and insulation:		
	a) Exterior: 1. Wood frame (Insulation *R*-value)	9a1.	R-19
	2. Masonry (Insulation *R*-value)	9a2.	—
	b) Adjacent: 1. Wood frame (Insulation *R*-value)	9b1.	—
	2. Masonry (Insulation *R*-value)	9b2.	—
10.	Ceiling type and insulation		
	a) Attic (Insulation R-value)	10a.	R-38
	b) Single assembly (Insulation *R*-value)	10b.	—
11.	Air distribution system:		
	a) Duct location, insulation	11a.	attic, R-8
	b) AHU location	11b.	gc area
	c) Total duct leakage. Test report attached.	11c.	≤ 4 cfm/100 s.f. Yes ☐ No ☑
12.	Cooling system: a) type	12a.	central
	b) efficiency	12b.	SEER 14 min.
13.	Heating system: a) type	13a.	heat pump
	b) efficiency	13b.	HSPF = 8.2 min.
14.	HVAC sizing calculation: attached	14.	see attached Yes ☑ No ☐
15.	Water heating system: a) type	15a.	tankless gas
	b) efficiency	15b.	—

COLUMBIA COUNTY BUILDING DEPARTMENT — Received for FILE COPY — Code Compliance — PLANS EXAMINER

I hereby certify that the plans and specifications covered by this form are in compliance with the *Florida Building Code, Energy Conservation.*
PREPARED BY: [signature] **Date:** 12-26-18

I hereby certify that this building is in compliance with the *Florida Building Code, Energy Conservation.*
OWNER/AGENT: [signature] **Date:** 12-26-18

Review of plans and specifications covered by this form indicate compliance with the *Florida Building Code, Energy Conservation.* Before construction is complete, this building will be inspected for compliance in accordance with Section 553.908, F.S.
CODE OFFICIAL: _____
Date: _____

TABLE R402A

BUILDING COMPONENT	PRESCRIPTIVE REQUIREMENTS[1]		INSTALLED VALUES
	Climate Zone 1	Climate Zone 2	
Windows	*U*-Factor = NR	*U*-Factor = 0.40[2]	*U*-Factor = 0.40 max
	SHGC = 0.25	SHGC = 0.25	SHGC = 0.25 max
Skylights	*U*-factor = 0.75	*U*-factor = 0.65	*U*-factor = —
	SHGC = 0.30	SHGC = 0.30	SHGC = —
Doors: Exterior door	*U*-factor = NR	*U*-factor = 0.40[3]	*U*-factor= 0.40 max
Floors:			
Slab-on-Grade	NR	NR	
Over unconditioned spaces[4]	R-13	R-13	*R*-Value = NR
Walls[4]: Ext. and Adj.			
Frame	R-13	R-13	*R*-Value = R-19
Mass			
Insulation on wall interior	R-4	R-6	*R*-Value = —
Insulation on wall exterior	R-3	R-4	*R*-Value = —
Ceilings[5]	R=30	R=38	*R*-Value =
Air infiltration	Blower door test is required on the building envelope to verify leakage ≤ 1 ACH; test report provided to code official.		Total leakage = ACH ≤ 1 Test report attached? Yes ☐ No ☑
Air distribution system[5]:			
Air handling unit	Not allowed in attic		Location: A/C area
Duct *R*-value	*R*-value ≥ R-8 (supply in attics) or ≥ R-6 (all other duct locations)		*R*-Value = R-8 min
Air leakage[5]:			
Duct test	Postconstruction test Total leakage ≤ 4 cfm/100 s.f.		Total leakage = 4 cfm/100s.f.
	Rough-in test Total leakage ≤ 4 cfm/100 s.f. (air handler installed)		Test report Attached? Yes ☐ No ☑
	Total leakage ≤ 3 cfm/100 s.f. (air handler not installed)		
Ducts in conditioned space	Test not required if all ducts and AHU are in conditioned space		Location:
Air conditioning system:	Minimum federal standard required by NAECA[6]:		
Central system ≤ 65,000 Btu/h	SEER 14.0		SEER = 14 min
Room unit or PTAC	EER [from Table C403.2.3(3)]		EER = —
Other:	See Tables C403.2.3(1)-(11)		
Heating system:	Minimum federal standard required by NAECA[6]:		
Heat pump ≤ 65,000 Btu/h	HSPF 8.2		HSPF = 8.2 min
Gas furnace, non-weatherized	AFUE 80%		AFUE = —
Oil furnace, non-weatherized	AFUE 83%		AFUE = —
Other:			
Water heating system (storage type):	Minimum federal standard required by NAECA[6]:		
Electric[7]	40 gal: EF = 0.92		Gallons = —
	50 gal: EF = 0.90		EF = —
Gas fired[8]	40 gal: EF = 0.59		Gallons = —
	50 gal: EF = 0.58		EF = —
Other (describe):			tankless gas

NR = No requirement.

(1) Each component present in the As Proposed home must meet or exceed each of the applicable performance criteria in order to comply with this code using this method.

(2) For impact rated fenestration complying with Section R301.2.1.2 of the *Florida Building Code, Residential* or Section 1609.1.2 of the *Florida Building Code, Building*, the maximum *U*-factor shall be 0.65 in Climate Zone 2. An area-weighted average of *U*-factor and SHGC shall be accepted to meet the requirements, or up to 15 square feet of glazed fenestration area are exempted from the *U*-factor and SHGC requirement based on Sections R402.3.1, R402.3.2 and R402.3.3.

(3) One side-hinged opaque door assembly up to 24 square feet is exempted from this *U*-factor requirement.

(4) *R*-values are for insulation material only as applied in accordance with manufacturer's installation instructions. For mass walls, the "interior of wall" requirement must be met except if at least 50 percent of the insulation required for the "exterior of wall" is installed exterior of, or integral to, the wall.

(5) Ducts & AHU installed "substantially leak free" per Section R403.3.2. Test required 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*. The total leakage test is not required for ducts and air handlers located entirely within the building thermal envelope.

(6) Minimum efficiencies are those set by the *National Appliance Energy Conservation Act* of 1987 for typical residential equipment and are subject to NAECA rules and regulations. For other types of equipment, see Tables C403.2.3(1-11) of the Commercial Provisions of the *Florida Building Code, Energy Conservation*.

(7) For other electric storage volumes, minimum EF = 0.97 - (0.00132 * volume).

(8) For other natural gas storage volumes, minimum EF = 0.67 - (0.0019 * volume).

TABLE R402B MANDATORY REQUIREMENTS			
Component	**Section**	**Summary of Requirement(s)**	**Check**
Air leakage	R402.4	To be caulked, gasketed, weatherstripped or otherwise sealed per Table R402.4.1.1. Recessed lighting: IC-rated as having ≤ 2.0 cfm tested to ASTM E 283. Windows and doors: 0.3 cfm/sq. ft. (swinging doors: 0.5 cfm/sf) when tested to NFRC 400 or AAMA/WDMA/CSA 101/I.S. 2/A440. Fireplaces: Tight-fitting flue dampers & outdoor combustion air.	✓
Programmable thermostat	R403.1.2	A programmable thermostat is required for the primary heating or cooling system.	✓
Air distribution system	R403.3.2 R403.3.4	Ducts shall be tested as per Section R403.3.2 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*. Air handling units are not allowed in attics.	✓
Water heaters	R403.5	Comply with efficiencies in Table C404.2. Hot water pipes insulated to ≥ R-3 to kitchen outlets, other cases. Circulating systems to have an automatic or accessible manual OFF switch. Heat trap required for vertical pipe risers.	✓
Swimming pools & spas	R403.10	Spas and heated pools must have vapor-retardant covers or a liquid cover or other means proven to reduce heat loss except if 70% of heat from site-recovered energy. Off/timer switch required. Gas heaters minimum thermal efficiency is 82%. Heat pump pool heaters minimum COP is 4.0.	✓
Cooling/heating equipment	R403.7	Sizing calculation performed & attached. Special occasion cooling or heating capacity requires separate system or variable capacity system.	✓
Lighting equipment	R404.1	At least 75% of permanently installed lighting fixtures shall be high-efficacy lamps.	✓