Columbia County New Building Permit Application

CASH DJC 25

For Office Use Only Application # 44530 Date Received 2/12 By JW Permit # 39485 39486

Zoning Official LW/LH Date 2-18-26 Flood Zone X Land Use RLD Zoning PRD

FEMA Map # _____ Elevation _____ MFE 160.6 River _____ Plans Examiner TC Date 2-24-26

Comments _____

☑ NOC ☐ EH ☐ Deed or PA ☑ Site Plan ☐ State Road Info ☑ Well letter 8117 ☑ 911 Sheet ☐ Parent Parcel # _____

☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☑ F W Comp. letter

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

Septic Permit No. 20-0158 City Water ☑ Fax 678.340.6760

Applicant (Who will sign/pickup the permit) Brian Papka or Brittany Dunn Phone 386.965.8340

Address 1542 SW Little Road, Lake City, FL 32024

Owners Name Don Little Construction & Roofing, Inc Phone 386.961.0006

911 Address 154 NW Gobbler Drive, Lake City, FL 32055

Contractors Name Don Little Phone 386.965.8340 (Brian)

Address Po Box 2254, Lake City, FL 32024

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

Fee Simple Owner Name & Address n/a

Bonding Co. Name & Address n/a

Architect/Engineer Name & Address Nicholas Geisler - 1758 NW Brown Rd, Lake City, FL 32055

Mortgage Lenders Name & Address n/a

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

Property ID Number 23.3S.16.02279.125 Estimated Construction Cost 132,320

Subdivision Name Turkey Creek Lot 25 Block ____ Unit ____ Phase 1

Driving Directions from a Major Road NW Lake Jeffery road to R on Turkey Creek Lot 25 is at corner of turkey creek + Gobbler . Drive on R

Construction of Single family residence ____ Commercial OR ✓ Residential

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

Is the Building Fire Sprinkled? n/a 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 25' Side 41'6 3/4" Side 23' Rear 38'5 7/32"

Number of Stories 1 Heated Floor Area 1654 sq. ft. Total Floor Area 2521 sq. ft. Acreage .77 ac

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

Sent email 2.13.26

Columbia County Building Permit Application

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

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

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

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

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

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

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

Don Little
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 CBC1260286
Columbia County Competency Card Number 1519

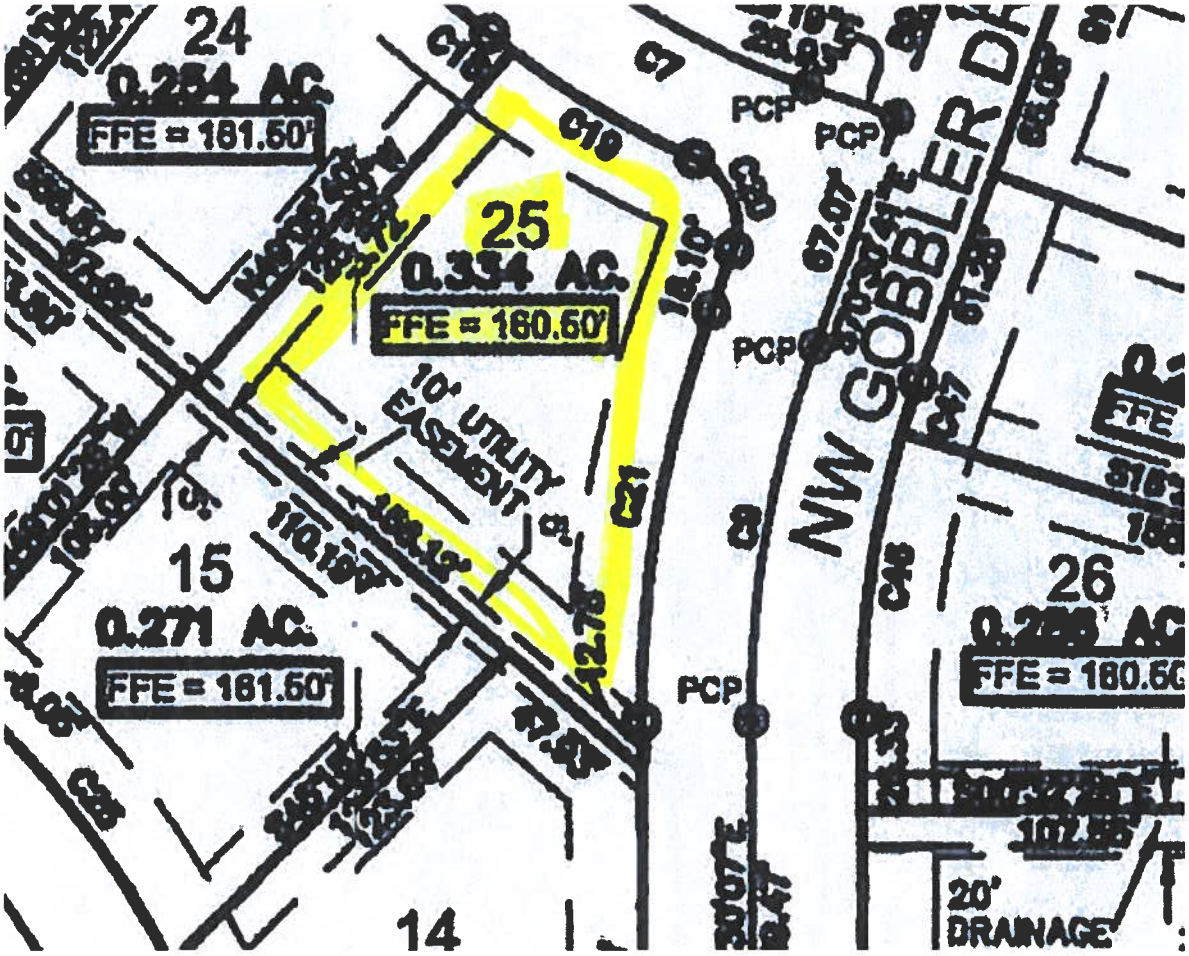
Affirmed under penalty of perjury to by the Contractor and subscribed before me this 20 **day of** Jan **20** 20

Personally known ☑ **or Produced Identification** _____

B. Watson
State of Florida Notary Signature (For the Contractor)

SEAL:

BRITTANY D WATSON
MY COMMISSION # GG014437
EXPIRES July 21, 2020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This Instrument Prepared By:
Michael H. Harrell
Abstract Trust Title, LLC
283 NW Cole Terrace
Lake City, FL 32055

ATT# 4-9457

Inst: 202012000513 Date: 01/08/2020 Time: 10:17AM
Page 1 of 2 B: 1402 P: 2212, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy ClerkDoc Stamp-Deed: 875.00

Warranty Deed

LLC to Individual

THIS WARRANTY DEED made this 7 January 2020, 386 Development LLC, a Florida Limited Liability Company, hereinafter called the grantor, to Don Little Construction & Roofing Inc, a Florida Corporation, whose post office address is: 1542 SW Little Road, Lake City, FL 32024, hereinafter called the grantee:

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

WITNESSETH that the Grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the Grantee, all that certain land situate in COLUMBIA County, Florida:

Lots 23, 25, 12, 13, and Lot 5, of Turkey Creek, Unit 1, a Planned Residential Development, per map or plat thereof, as recorded in Plat Book 9, Pages 141 through 147, of the Public Records of Columbia County, Florida.

Subject to Land Use Restrictions of Record, and Items shown on said Plat of Record.

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

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

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

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

Signed, sealed and delivered in our presence:

Bianchi Lee
WITNESS
Bianchi Lee
PRINTED NAME

WITNESS
Michael H Harrell
PRINTED NAME

Kevin Gray, as Manager of
386 Development LLC, a Florida
Limited Liability Company

William Womble, as Manager of
386 Development LLC, a Florida
Limited Liability Company

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me by means of physical presence or online notarization, this 2 of January 2020, by Kevin Gray and William Womble as Managers of 386 Development LLC, a Florida Limited Liability Company, on behalf of the company, who is personally known to me or has produced 12 as identification.

(SEAL)

NOTARY PUBLIC

My Commission Expires:

Michael H. Harrell
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG095249
Expires 4/18/2021

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 24530 JOB NAME Lot 25 - Turkey Creek PHASE 1.

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.

			Need
ELECTRICAL ☐ CC# 1057	Print Name Ryan ~~Faulkner~~ Felknor	Signature	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name: Felknor Electric, Inc.		
	License #: EC 13003153	Phone #: 352-318-8796	
MECHANICAL/ A/C ☐ CC# 2090	Print Name Stephen Brisbois	Signature	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name: Epic AC		
	License #: CAC1819412	Phone #: 386.623.1009	
PLUMBING/ GAS ☑ CC# 1429	Print Name Dan Mossburg	Signature Daniel Mossburg	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name: Live Oak Plumbing		
	License #: CFC1427438	Phone #: 386.209.3267	
ROOFING ☑ CC# 1712	Print Name Don Little	Signature	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name: Don Little Roofing & Construction		
	License #: CCC1330420	Phone #: 386.961.0006	
SHEET METAL ☐ CC#	Print Name	Signature	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name:		
	License #:	Phone #:	
FIRE SYSTEM/ SPRINKLER ☐ CC#	Print Name	Signature	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name:		
	License#:	Phone #:	
SOLAR ☐ CC#	Print Name	Signature	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name:		
	License #:	Phone #:	
STATE SPECIALTY ☐ CC#	Print Name	Signature	☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
	Company Name:		
	License #:	Phone #:	

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

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
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:	**2/4/2020 10:12:19 PM**
Address:	**154 NW GOBBLER Dr**
City:	**LAKE CITY**
State:	**FL**
Zip Code	**32055**
Parcel ID	**02279-125**

REMARKS: Address for proposed structure on parcel.

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

Detail by Entity Name

Florida Profit Corporation
DON LITTLE CONSTRUCTION & ROOFING INC

Filing Information

Document Number	P15000021963
FEI/EIN Number	47-3373695
Date Filed	03/06/2015
State	FL
Status	ACTIVE

Principal Address

1542 SW LITTLE ROAD
LAKE CITY, FL 32024

Mailing Address

P O BOX 2254
LAKE CITY, FL 32056

Registered Agent Name & Address

LITTLE, DONALD
1542 SW LITTLE ROAD
LAKE CITY, FL 32024

Officer/Director Detail

Name & Address

Title P

LITTLE, DONALD
1542 SW LITTLE ROAD
LAKE CITY, FL 32024

Annual Reports

Report Year	Filed Date
2018	01/16/2018
2019	02/13/2019
2020	01/22/2020

Document Images

01/22/2020 -- ANNUAL REPORT	View image in PDF format
02/13/2019 -- ANNUAL REPORT	View image in PDF format
01/16/2018 -- ANNUAL REPORT	View image in PDF format
01/06/2017 -- ANNUAL REPORT	View image in PDF format
03/02/2016 -- ANNUAL REPORT	View image in PDF format
03/06/2015 -- Domestic Profit	View image in PDF format

CITY OF LAKE CITY
Florida's Gateway Est. 1859

January 29, 2020

Don Little Construction & Roofing
PO BOX 2254.
Lake City, FL 32024

RE: Turkey Creek S/D, Lot 25
Service Availability Letter

To Whom It May Concern,

Thank you for your inquiry regarding the availability of city utilities. The City of Lake City has potable water available to tap into at Parcel 23-3S-16-02279-125.

This availability response does not represent the City of Lake City's commitment for or reservation of capacity. In accordance with the City of Lake City's policies and procedures, commitment to serve is made only upon the City of Lake City's approval of your application for service and receipt of your payment of all applicable fees.

If you have any questions, please feel free to contact me at (386) 719-5786 during our normal business hours of 8:00 am to 4:30 pm, Monday through Friday. I will be happy to assist you.

Sincerely,

Shasta M. Pelham
Utility Service Coordinator

Brian Scott
Director of Distribution and Collections

February 25, 2020

Don Little,
Don Little Construction & Roofing, Inc.
1542 SW Little Rd
Lake City, FL 32024

Re: Building Permit Applications 44530 & 44532
Turkey Creek Subdivision, Lots 23 and 25

Dear Mr. Little,

On February 12, 2020, the Columbia County Building & Zoning Department received a building permit application for a new residential, single family home to be located on Tax Parcels 23-3s-16-02279-123 and 23-3s-16-02279-0125 (Lots 23 and 25 of Turkey Creek, Unit 1). The subject property is located with a Planned Residential Development ("PRD") officially known, and adopted into law, as "Turkey Creek, Unit 1". The application submitted by you references a subdivision known as "Woodborough North". The subdivision does not exist and is not a legal subdivision of record within Columbia County, Florida. Please note that subdivision names are regulated by the Columbia County Land Development Regulations, section 5.12:

> Section 5.12 Subdivision Name
>
> Every subdivision shall be given a name by which it shall be legally known. Such name shall not be the same or similar to a subdivision name appearing on another recorded plat within the county so as to confuse the records or to mislead the public as to the identity of the subdivision, except when the subdivision is subdivided as an additional unit or section by the same subdivider or his or her successors in title. The name of the subdivision shall be shown in the dedication and shall coincide exactly with the subdivision name. The board of county commissioners shall have final authority to approve the names of subdivisions.

It is therefore necessary that all applications for building permits, requests for addresses, and any other applications to or with the County reference the correct subdivision name and make no reference to "Woodborough North". Applications made for permits within "Woodborough North" cannot be accepted by this office.

Further, the subdivision name "Woodborough" was previously used by another developer unconnected with the development of the Turkey Creek subdivision, such that the name "Woodborough North" is too similar to a subdivision name already appearing on another recorded plat. By the terms of the Land Development Regulations, the name "Woodborough North" is therefore misleading and confusing to the records and identity of the subdivision, such that there is no option to have the subdivision name officially amended by the Board of County Commissioners.

As the County's land development regulations administrator, I respectfully request that you discontinue all uses of "Woodborough North" to make reference to the official record plat of "Turkey Creek, Unit 1" or any part thereof. Continued use of the name "Woodborough North" will likely constitute a violation of the County's Land Development Regulations, and the matter may be turned over to code enforcement to be taken to the Special Magistrate for disposition.

Finally, I am informed that the sign at the entrance to "Turkey Creek, Unit 1" has been changed to "Woodborough North". This is also a violation of Section 5.12 of the LDRs. The sign must be corrected to reflect the correct subdivision name, "Turkey Creek".

If you have any questions, please do not hesitate to contact me.

Sincerely,

Brandon M. Stubbs
Community Development Coordinator
Land Development Regulation Admin.

Cc: Troy Crews, Chief Building Official
Matt Crews, E911 Addressing Director

Janice Williams

From: Janice Williams
Sent: Thursday, February 13, 2020 12:41 PM
To: 'Brittany Dunn'
Subject: Application(s) 44530 - Lot 25 - Don Little Constr. & Roofing & Application number 44532

Britt,

App # 44532 Lot 23-Phase 1 @ Turkey Creek: **The following items are needed:**

Signed Site Plan Approval from Environmental Health

Ryan Felknor Current copy of Certificate of Liability

Steve Brisbois –Current Copy of Certificate of Liability

App # 44530 Lot 25-Phase 1 @ Turkey Creek

Signed Site Plan Approval from Environmental Health

Estimated Cost of Construction ?

Ryan Felknor Current Copy of Certificate of Liability

Steve Brisbois – Current Copy of Certificate of Liability

Have a wonderful day!

CR # 10-7489

PERMIT NO. 20-0158
DATE PAID: 3/9/20
FEE PAID: $150.00
RECEIPT #: 1470445

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

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

APPLICANT: DON LITTLE CONSTRUCTION & ROOFING

AGENT: BRIAN PAPKA TELEPHONE: (386) 965-8340

MAILING ADDRESS: PO BOX 2254 LAKE CITY FL 32056

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: 25 BLOCK: N/A SUBDIVISION: ~~WOODBOROUGH NORTH~~ Turkey Creek PLATTED: _____

PROPERTY ID #: P/O 23-3S-16-02269-000 ZONING: RES I/M OR EQUIVALENT: [NO]

PROPERTY SIZE: 0.334 ACRES WATER SUPPLY: [ ] PRIVATE PUBLIC [ ]<=2000GPD [X]>2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? [NO] DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: 154 NW GOBBLER DR. LAKE CITY

DIRECTIONS TO PROPERTY: 90 WEST TURN RIGHT ON LAKE JEFFERY RD. TURN RIGHT TURKEY CREEK WAY, TURN RIGHT GOBBLERS DR. 1ST HOUSE ON RIGHT.

BUILDING INFORMATION [X] RESIDENTIAL [ ] COMMERCIAL

Unit No.	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	HOUSE	3	1,654	
2				
3				
4				

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

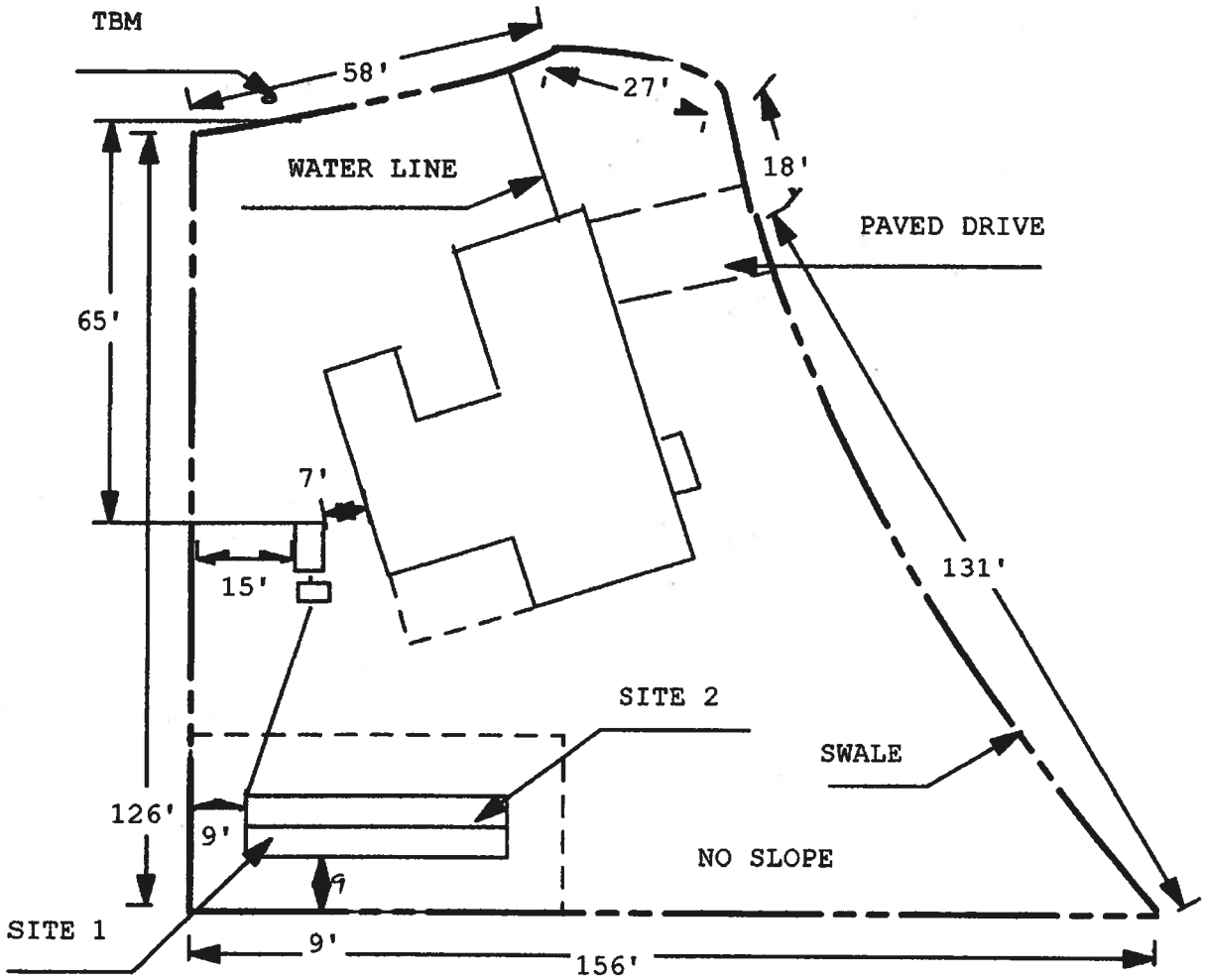
SIGNATURE: _____ DATE: 2.27.20

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

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

Permit Application Number: 20-0158

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



NO WELLS WITHIN 100' 1 INCH = 30 FEET

Site Plan Submitted By Paul Lloyd **Date** 2/26/20

Plan Approved X **Not Approved** ____ **Date** 3/2/20

By ____ Columbach **CPHU**

Notes: ____

Janice Williams

From: Janice Williams
Sent: Thursday, February 13, 2020 12:41 PM
To: 'Brittany Dunn'
Subject: Application(s) 44530 - Lot 25 - Don Little Constr. & Roofing & Application number 44532

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Steve Brisbois –Current Copy of Certificate of Liability

App # 44530 Lot 25-Phase 1 @ Turkey Creek

Signed Site Plan Approval from Environmental Health

Estimated Cost of Construction ?

Ryan Felknor Current Copy of Certificate of Liability

Steve Brisbois – Current Copy of Certificate of Liability

Have a wonderful day!

COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2014 EFFECTIVE 1 JULY 2015 AND THE NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2014 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 1 JULY 2015. NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 12/2016

	GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Marked as Applicable
		Select From the Dropbox
1	Two (2) complete sets of plans containing the following:	- Yes
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	- Yes
3	Condition space (Sq. Ft.) 1654 Sq Ft Total (Sq. Ft.) under roof 2521 Sq Ft	YES / NO / N/A

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	- 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 Marked as Applicable
8	**Plans or specifications must show compliance with FBCR Chapter 3**	(YES) / NO / N/A
		Select From the Dropbox
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	- Yes
18	Number of stories	- Yes
20A	Building height from the established grade to the roofs highest peak	- Yes

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	- yes
21	Raised floor surfaces located more than 30 inches above the floor or grade	- n/a
22	All exterior and interior shear walls indicated	- yes
23	Shear wall opening shown (Windows, Doors and Garage doors)	- yes
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	- yes
25	Safety glazing of glass where needed	- n/a
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	gas -
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	- n/a
28	Identify accessibility of bathroom (see FBCR SECTION 320)	- n/a

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 Marked as Applicable

YES / NO / N/A

FBCR 403: Foundation Plans

Select From the Dropbox

29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	- yes
30	All posts and/or column footing including size and reinforcing	- yes
31	Any special support required by soil analysis such as piling.	- n/a
32	Assumed load-bearing valve of soil _____ Pound Per Square Foot	-
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) **For** structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	- n/a

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 318: PROTECTION AGAINST TERMITES

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

FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	- yes
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	-

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer	- yes

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

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

YES / NO / N/A

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Marked as Applicable
		Select From the Dropbox
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	- yes
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	- yes
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	- yes
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	- yes
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1)	- yes
57	Indicate where pressure treated wood will be placed	- yes
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	- yes
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	- yes

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.6.1 Wood trusses	- yes
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	- yes
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	- yes
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	- yes
64	Provide dead load rating of trusses	- yes

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	- yes
72	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 chapter11 Residential buildings compliance methods. **Two of the required forms are to be submitted,** *N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.*

YES / NO / N/A

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

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	- YES
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by **Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A**	- YES
87	Show the location of smoke detectors & Carbon monoxide detectors	- YES
88	Show service panel, sub-panel, location(s) and total ampere ratings	- YES
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type. **For structures** with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	- YES
90	Appliances and HVAC equipment and disconnects	- YES
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed **Combination arc-fault circuit interrupter,** Protection device.	- YES

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

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	**Building Permit Application** A current 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 NO		
93	**Parcel Number** The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	NO yes		
94	**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.	NO		
***	**BELOW ITEMS ONLY NEEDED AFTER ZONING APPROVAL HAS GIVEN.**	****	***	***
95	**Environmental Health Permit or Sewer Tap Approval** A copy of a approved Columbia County Environmental Health (386) 758-1058 applied for	NO yes		
96	**City of Lake City** A City Water and/or Sewer letter. Call 386-752-2031	NO		
97	**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	NO		
98	**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.			
99	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is **$50.00**			
100	**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.	NO		
101	**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 NO		

TOILET FACILITIES SHALL BE PROVIDED FOR ALL CONSTRUCTION SITES. NO

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

Notice Of Commencement

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

Section R101.2.1 of the Florida Building Code Residential:

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

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	Single hung	FL5465-R9
B. SLIDING			
C. SECTIONAL/ROLL UP	CHI overhead	Garage Door	FL 12045-R4
D. OTHER	Masonite	Singledoor w/sidelites	FL 17798-R2
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	MI Windows	Single hung	FL 17499-R5
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Hardie	plank siding	FL 10477-R7
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Timberline		FL 3448-R30
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpsow		FL620-R18
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

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

NOTES: _____

FORM R405-2017

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	Lot 25 Turkey Creek	Builder Name:	Don Little Construction & Roofing
Street:		Permit Office:	Columbia County
City, State, Zip:	Lake City , FL , 32055	Permit Number:	
Owner:		Jurisdiction:	
Design Location:	FL, Gainesville	County:	Columbia (Florida Climate Zone 2)

1. New construction or existing	New (From Plans)			
2. Single family or multiple family	Single-family			
3. Number of units, if multiple family	1			
4. Number of Bedrooms	3			
5. Is this a worst case?	No			
6. Conditioned floor area above grade (ft²)	1654			
Conditioned floor area below grade (ft²)	0			
7. Windows (234.0 sqft.)	Description		Area	
a. U-Factor:	Dbl, U=0.36		234.00 ft²	
SHGC:	SHGC=0.25			
b. U-Factor:	N/A		ft²	
SHGC:				
c. U-Factor:	N/A		ft²	
SHGC:				
d. U-Factor:	N/A		ft²	
SHGC:				
Area Weighted Average Overhang Depth:			5.402 ft.	
Area Weighted Average SHGC:			0.250	
8. Floor Types (1654.0 sqft.)		Insulation	Area	
a. Slab-On-Grade Edge Insulation		R=0.0	1654.00 ft²	
b. N/A		R=	ft²	
c. N/A		R=	ft²	

9. Wall Types (1767.0 sqft.)	Insulation	Area	
a. Frame - Wood, Exterior	R=13.0	1569.00 ft²	
b. Frame - Wood, Adjacent	R=13.0	198.00 ft²	
c. N/A	R=	ft²	
d. N/A	R=	ft²	
10. Ceiling Types (1737.0 sqft.)	Insulation	Area	
a. Under Attic (Vented)	R=38.0	1737.00 ft²	
b. N/A	R=	ft²	
c. N/A	R=	ft²	
11. Ducts		R	ft²
a. Sup: Attic, Ret: Attic, AH: Garage		6	413.5
12. Cooling systems	kBtu/hr	Efficiency	
a. Central Unit	20.1	SEER:14.00	
13. Heating systems	kBtu/hr	Efficiency	
a. Electric Heat Pump	27.7	HSPF:8.20	
14. Hot water systems			
a. Electric		Cap: 50 gallons	
		EF: 0.920	
b. Conservation features			
None			
15. Credits		CV, Pstat	

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

Glass/Floor Area: 0.141

Total Proposed Modified Loads: 47.39

Total Baseline Loads: 48.65

PASS

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

PREPARED BY: _____

DATE: 1/9/2020

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

OWNER/AGENT: _____

DATE: _____

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

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

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Lot 25	Bedrooms:	3	Address Type:	Lot Information
Building Type:	User	Conditioned Area:	1654	Lot #	25
Owner Name:		Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Don Little Construction & Roofi	Rotate Angle:	0	Street:	
Permit Office:	Columbia County	Cross Ventilation:	Yes	County:	Columbia
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	Lake City , FL , 32055
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

BLOCKS

Number	Name	Area	Volume
1	Block1	1654	14886

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1654	14886	Yes	6	3	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	Main	200 ft	0	1654 ft²	----	0	0	1

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	1916 ft²	484 ft²	Medium	Y	0.96	No	0.9	No	0	30.3

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Partial cathedral ceili	Vented	300	1654 ft²	Y	N

CEILING

√	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	38	Double Batt	1737 ft²	0.11	Wood

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
___	1	S	Exterior	Frame - Wood	Main	13	8		9		72.0 ft²		0.23	0.75	0
___	2	E	Exterior	Frame - Wood	Main	13	2	8	9		24.0 ft²		0.23	0.75	0
___	3	S	Exterior	Frame - Wood	Main	13	6		9		54.0 ft²		0.23	0.75	0
___	4	W	Exterior	Frame - Wood	Main	13	12	4	9		111.0 ft²		0.23	0.75	0
___	5	S	Exterior	Frame - Wood	Main	13	12	8	9		114.0 ft²		0.23	0.75	0
___	6	E	Exterior	Frame - Wood	Main	13	35	4	9		318.0 ft²		0.23	0.75	0
___	7	N	Exterior	Frame - Wood	Main	13	21	4	9		192.0 ft²		0.23	0.75	0
___	8	E	Exterior	Frame - Wood	Main	13	11		9		99.0 ft²		0.23	0.75	0
___	9	N	Exterior	Frame - Wood	Main	13	27	4	9		246.0 ft²		0.23	0.75	0
___	10	W	Exterior	Frame - Wood	Main	13	37	8	9		339.0 ft²		0.23	0.75	0
___	11	S	Garage	Frame - Wood	Main	13	22		9		198.0 ft²		0.23	0.75	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
_____	1	S	Insulated	Main	None	.46	3		6	8	20 ft²
_____	2	S	Insulated	Main	None	.46	3		6	8	20 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	S	1	Vinyl	Low-E Double	Yes	0.36	0.25	N	15.0 ft²	7 ft 6 in	1 ft 0 in	None	None
_____	2	S	5	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0 ft²	1 ft 0 in	4 ft 0 in	None	None
_____	3	E	6	Vinyl	Low-E Double	Yes	0.36	0.25	N	4.0 ft²	1 ft 0 in	10 ft 0 in	None	None
_____	4	N	7	Vinyl	Low-E Double	Yes	0.36	0.25	N	60.0 ft²	12 ft 6 in	1 ft 0 in	None	None
_____	5	E	8	Vinyl	Low-E Double	Yes	0.36	0.25	N	40.0 ft²	6 ft 0 in	1 ft 0 in	None	None
_____	6	N	9	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	7	N	9	Vinyl	Low-E Double	Yes	0.36	0.25	N	20.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	8	W	10	Vinyl	Low-E Double	Yes	0.36	0.25	N	15.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	9	W	10	Vinyl	Low-E Double	Yes	0.36	0.25	N	20.0 ft²	1 ft 6 in	1 ft 0 in	None	None

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	506 ft²	506 ft²	68 ft	9 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000286	1240.5	68.1	128.08	.1128	5

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM

√	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump/	None	Single	HSPF:8.2	27.73 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit/	None	Single	SEER: 14	20.11 kBtu/hr	600 cfm	0.7	1	sys#1

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Main	0.92	50 gal	40 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

√	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
_____	1	Attic	6	413.5 ft²	Attic	82.7 ft²	Default Leakage	Garage	(Default) c	(Default) c			1	1

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

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

Thermostat Schedule: HERS 2006 Reference

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

MASS

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

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* =97

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

1. New home or, addition	1. New (From Plans)
2. Single-family or multiple-family	2. Single-family
3. No. of units (if multiple-family)	3. 1
4. Number of bedrooms	4. 3
5. Is this a worst case? (yes/no)	5. No
6. Conditioned floor area (sq. ft.)	6. 1654
7. Windows, type and area	
a) U-factor:(weighted average)	7a. 0.360
b) Solar Heat Gain Coefficient (SHGC)	7b. 0.250
c) Area	7c. 234.0
8. Skylights	
a) U-factor:(weighted average)	8a. NA
b) Solar Heat Gain Coefficient (SHGC)	8b. NA
9. Floor type, insulation level:	
a) Slab-on-grade (R-value)	9a. 0.0
b) Wood, raised (R-value)	9b.
c) Concrete, raised (R-value)	9c.
10. Wall type and insulation:	
A. Exterior:	
1. Wood frame (Insulation R-value)	10A1. 13.0
2. Masonry (Insulation R-value)	10A2.
B. Adjacent:	
1. Wood frame (Insulation R-value)	10B1. 13.0
2. Masonry (Insulation R-value)	10B2.
11. Ceiling type and insulation level	
a) Under attic	11a. 38.0
b) Single assembly	11b.
c) Knee walls/skylight walls	11c.
d) Radiant barrier installed	11d. Yes

12. Ducts, location & insulation level	
a) Supply ducts	R 6.0
b) Return ducts	R 6.0
c) AHU location	Garage
13. Cooling system:	Capacity 20.1
a) Split system	SEER
b) Single package	SEER
c) Ground/water source	SEER/COP
d) Room unit/PTAC	EER
e) Other	14.0
14. Heating system:	Capacity 27.7
a) Split system heat pump	HSPF
b) Single package heat pump	HSPF
c) Electric resistance	COP
d) Gas furnace, natural gas	AFUE
e) Gas furnace, LPG	AFUE
f) Other	8.20
15. Water heating system	
a) Electric resistance	EF 0.92
b) Gas fired, natural gas	EF
c) Gas fired, LPG	EF
d) Solar system with tank	EF
e) Dedicated heat pump with tank	EF
f) Heat recovery unit	HeatRec%
g) Other	
16. HVAC credits claimed (Performance Method)	
a) Ceiling fans	
b) Cross ventilation	Yes
c) Whole house fan	No
d) Multizone cooling credit	
e) Multizone heating credit	
f) Programmable thermostat	Yes

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

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

Builder Signature:_____ Date:_____

Address of New Home: _____ City/FL Zip: Lake City, FL 32055

Envelope Leakage Test Report (Blower Door Test)

Residential Prescriptive, Performance or ERI Method Compliance
2017 Florida Building Code, Energy Conservation, 6th Edition

Jurisdiction:	Permit #:

Job Information

Builder: Don Little Construction & Roofing Community: Lot: 25

Address:

City: Lake City State: FL Zip: 32055

Air Leakage Test Results *Passing results must meet either the Performance, Prescriptive, or ERI Method*

○ **PRESCRIPTIVE METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 Pascals) in Climate Zones 1 and 2.

○ **PERFORMANCE or ERI METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on Form R405-2017 (Performance) or R406-2017 (ERI), section labeled as infiltration, sub-section ACH50.

ACH(50) specified on Form R405-2017-Energy Calc (Performance) or R406-2017 (ERI): 5.000

_____ x 60 ÷ 14886 = _____
CFM(50) Building Volume ACH(50)

☐ **PASS**

☐ When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.

Method for calculating building volume:

○ Retrieved from architectural plans

● Code software calculated

○ Field measured and calculated

R402.4.1.2 Testing. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7) *Florida Statutes*, or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the *code official*. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*.

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

Testing Company

Company Name: _____ Phone: _____

I hereby verify that the above Air Leakage results are in accordance with the 2017 6th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected above.

Signature of Tester: _____ Date of Test: _____

Printed Name of Tester: _____

License/Certification #: _____ Issuing Authority: _____

Residential System Sizing Calculation

Summary

Project Title:
Lot 25 Tasher Creek

Lake City, FL 32055

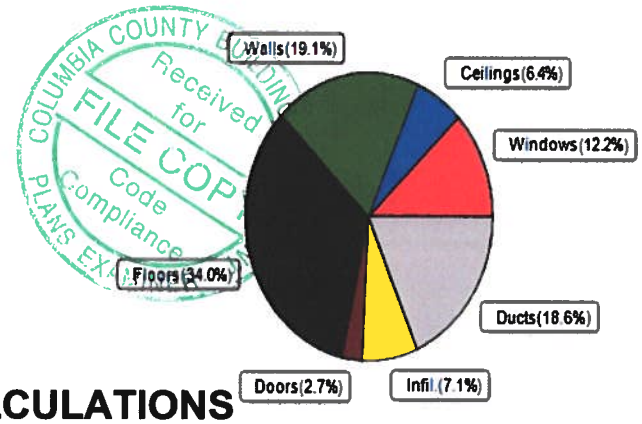
1/9/2020

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M) Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature(TMY3 99%)	30	F	Summer design temperature(TMY3 99%)	94	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	40	F	Summer temperature difference	19	F
Total heating load calculation	**27726**	**Btuh**	**Total cooling load calculation**	**20113**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	100.0	27726	Sensible (SHR = 0.70)	85.0	14079
Heat Pump + Auxiliary(0.0kW)	100.0	27726	Latent	170.3	6034
			Total (Electric Heat Pump)	100.0	20113

WINTER CALCULATIONS

Winter Heating Load (for 1654 sqft)

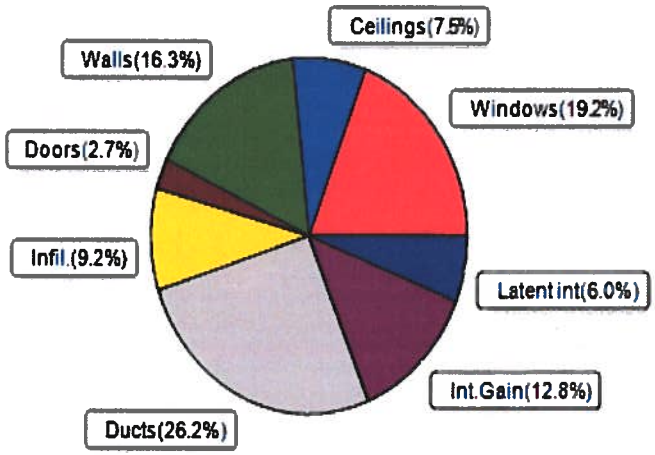
Load component			Load	
Window total	234	sqft	3370	Btuh
Wall total	1493	sqft	5301	Btuh
Door total	40	sqft	736	Btuh
Ceiling total	1737	sqft	1763	Btuh
Floor total	1654	sqft	9440	Btuh
Infiltration	45	cfm	1960	Btuh
Duct loss			5156	Btuh
Subtotal			**27726**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**27726**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1654 sqft)

Load component			Load	
Window total	234	sqft	3872	Btuh
Wall total	1493	sqft	3276	Btuh
Door total	40	sqft	552	Btuh
Ceiling total	1737	sqft	1499	Btuh
Floor total			0	Btuh
Infiltration	34	cfm	698	Btuh
Internal gain			2580	Btuh
Duct gain			4093	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			**16570**	**Btuh**
Latent gain(ducts)			1184	Btuh
Latent gain(infiltration)			1159	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**3543**	**Btuh**
TOTAL HEAT GAIN			**20113**	**Btuh**



Powered by ACCA MANUAL J 8th Edition

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 1/9/2020

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Project Title:
Lot 25
Lake City, FL 32055 Building Type: User

1/9/2020

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 40.0 F (TMY3 99%)

Component Loads for Whole House

Window	Panes/Type	Frame	U	Orientation	Area(sqft) X	HTM=	Load
1	2, NFRC 0.25	Vinyl	0.36	S	15.0	14.4	216 Btuh
2	2, NFRC 0.25	Vinyl	0.36	S	30.0	14.4	432 Btuh
3	2, NFRC 0.25	Vinyl	0.36	E	4.0	14.4	58 Btuh
4	2, NFRC 0.25	Vinyl	0.36	N	60.0	14.4	864 Btuh
5	2, NFRC 0.25	Vinyl	0.36	E	40.0	14.4	576 Btuh
6	2, NFRC 0.25	Vinyl	0.36	N	30.0	14.4	432 Btuh
7	2, NFRC 0.25	Vinyl	0.36	N	20.0	14.4	288 Btuh
8	2, NFRC 0.25	Vinyl	0.36	W	15.0	14.4	216 Btuh
9	2, NFRC 0.25	Vinyl	0.36	W	20.0	14.4	288 Btuh
	Window Total				234.0(sqft)		3370 Btuh

Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	57	3.55	202 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	24	3.55	85 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	34	3.55	121 Btuh
4	Frame - Wood	- Ext	(0.089)	13.0/0.0	111	3.55	394 Btuh
5	Frame - Wood	- Ext	(0.089)	13.0/0.0	84	3.55	298 Btuh
6	Frame - Wood	- Ext	(0.089)	13.0/0.0	314	3.55	1115 Btuh
7	Frame - Wood	- Ext	(0.089)	13.0/0.0	132	3.55	469 Btuh
8	Frame - Wood	- Ext	(0.089)	13.0/0.0	59	3.55	209 Btuh
9	Frame - Wood	- Ext	(0.089)	13.0/0.0	196	3.55	696 Btuh
10	Frame - Wood	- Ext	(0.089)	13.0/0.0	304	3.55	1079 Btuh
11	Frame - Wood	- Adj	(0.089)	13.0/0.0	178	3.55	632 Btuh
	Wall Total				1493(sqft)		5301 Btuh

Doors	Type	Storm	Ueff.	Area X	HTM=	Load
1	Insulated - Exterior, n		(0.460)	20	18.4	368 Btuh
2	Insulated - Garage, n		(0.460)	20	18.4	368 Btuh
	Door Total			40(sqft)		736Btuh

Ceilings	Type/Color/Surface	Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shing	(0.025)	38.0/0.0	1737	1.0	1763 Btuh
	Ceiling Total			1737(sqft)		1763Btuh

Floors	Type	Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade	(1.180)	0.0	200.0 ft(perim.)	47.2	9440 Btuh
	Floor Total			1654 sqft		9440 Btuh

	Envelope Subtotal:	20610 Btuh

Infiltration	Type	Wholehouse ACH	Volume(cuft)	Wall Ratio	CFM=	
	Natural	0.18	14886	1.00	44.8	1960 Btuh

Duct load	Average sealed, R6.0, Supply(Att), Return(Att)	(DLM of 0.228)	5156 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Project Title:
Lot 25
Lake City, FL 32055 Building Type: User

1/9/2020

All Zones	**Sensible Subtotal All Zones**	**27726 Btuh**

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	27726 Btuh 0 Btuh 27726 Btuh

EQUIPMENT

1. Electric Heat Pump	#	27726 Btuh

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

Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Project Title:
Lot 25

Lake City, FL 32055

1/9/2020

Reference City: Gainesville, FL Temperature Difference: 19.0F(TMY3 99%) Humidity difference: 51gr.

Component Loads for Whole House

Window	Type* Panes	SHGC	U	InSh	IS	Ornt	Overhang Len	Hgt	Window Area(sqft) Gross	Shaded	Unshaded	HTM Shaded	Unshaded	Load
1	2 NFRC	0.25, 0.36		No	No	S	7.5ft.	1.0ft.	15.0	15.0	0.0	12	14	181 Btuh
2	2 NFRC	0.25, 0.36		No	No	S	1.0ft.	4.0ft.	30.0	10.1	19.9	12	14	402 Btuh
3	2 NFRC	0.25, 0.36		No	No	E	1.0ft.	10.0f	4.0	0.0	4.0	12	31	124 Btuh
4	2 NFRC	0.25, 0.36		No	No	N	12.5f	1.0ft.	60.0	0.0	60.0	12	12	726 Btuh
5	2 NFRC	0.25, 0.36		No	No	E	6.0ft.	1.0ft.	40.0	23.9	16.1	12	31	788 Btuh
6	2 NFRC	0.25, 0.36		No	No	N	1.5ft.	1.0ft.	30.0	0.0	30.0	12	12	363 Btuh
7	2 NFRC	0.25, 0.36		No	No	N	1.5ft.	1.0ft.	20.0	0.0	20.0	12	12	242 Btuh
8	2 NFRC	0.25, 0.36		No	No	W	1.5ft.	1.0ft.	15.0	0.7	14.3	12	31	450 Btuh
9	2 NFRC	0.25, 0.36		No	No	W	1.5ft.	1.0ft.	20.0	1.2	18.8	12	31	596 Btuh
	Window Total								234 (sqft)					3872 Btuh

Walls	Type	U-Value	R-Value Cav/Sheath	Area(sqft)	HTM	Load
1	Frame - Wood - Ext	0.09	13.0/0.0	57.0	2.3	129 Btuh
2	Frame - Wood - Ext	0.09	13.0/0.0	24.0	2.3	54 Btuh
3	Frame - Wood - Ext	0.09	13.0/0.0	34.0	2.3	77 Btuh
4	Frame - Wood - Ext	0.09	13.0/0.0	111.0	2.3	251 Btuh
5	Frame - Wood - Ext	0.09	13.0/0.0	84.0	2.3	190 Btuh
6	Frame - Wood - Ext	0.09	13.0/0.0	314.0	2.3	711 Btuh
7	Frame - Wood - Ext	0.09	13.0/0.0	132.0	2.3	299 Btuh
8	Frame - Wood - Ext	0.09	13.0/0.0	59.0	2.3	134 Btuh
9	Frame - Wood - Ext	0.09	13.0/0.0	196.0	2.3	444 Btuh
10	Frame - Wood - Ext	0.09	13.0/0.0	304.0	2.3	688 Btuh
11	Frame - Wood - Adj	0.09	13.0/0.0	178.0	1.7	300 Btuh
	Wall Total			1493 (sqft)		3276 Btuh

Doors	Type	Area (sqft)	HTM	Load
1	Insulated - Exterior	20.0	13.8	276 Btuh
2	Insulated - Garage	20.0	13.8	276 Btuh
	Door Total	40 (sqft)		552 Btuh

Ceilings	Type/Color/Surface	U-Value	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Shingle/RB	0.025	38.0/0.0	1737.0	0.86	1499 Btuh
	Ceiling Total			1737 (sqft)		1499 Btuh

Floors	Type	R-Value	Size	HTM	Load
1	Slab On Grade	0.0	1654 (ft-perimeter)	0.0	0 Btuh
	Floor Total		1654.0 (sqft)		0 Btuh
			Envelope Subtotal:		9199 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A

Lot 25

Lake City, FL 32055

1/9/2020

Infiltration	Type	Average ACH	Volume(cuft)		Wall Ratio		CFM=	Load
	Natural	0.14	14886		1		33.6	698 Btuh
Internal gain		Occupants	Btuh/occupant				Appliance	Load
		6	X	230	+		1200	2580 Btuh
						Sensible Envelope Load:		12477 Btuh
Duct load	Average sealed,Supply(R6.0-Attic), Return(R6.0-Attic)					(DGM of 0.328)		4093 Btuh
						Sensible Load All Zones		**16570 Btuh**

Manual J Summer Calculations

Residential Load - Component Details (continued)

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A

Lot 25

Lake City, FL 32055

1/9/2020

WHOLE HOUSE TOTALS

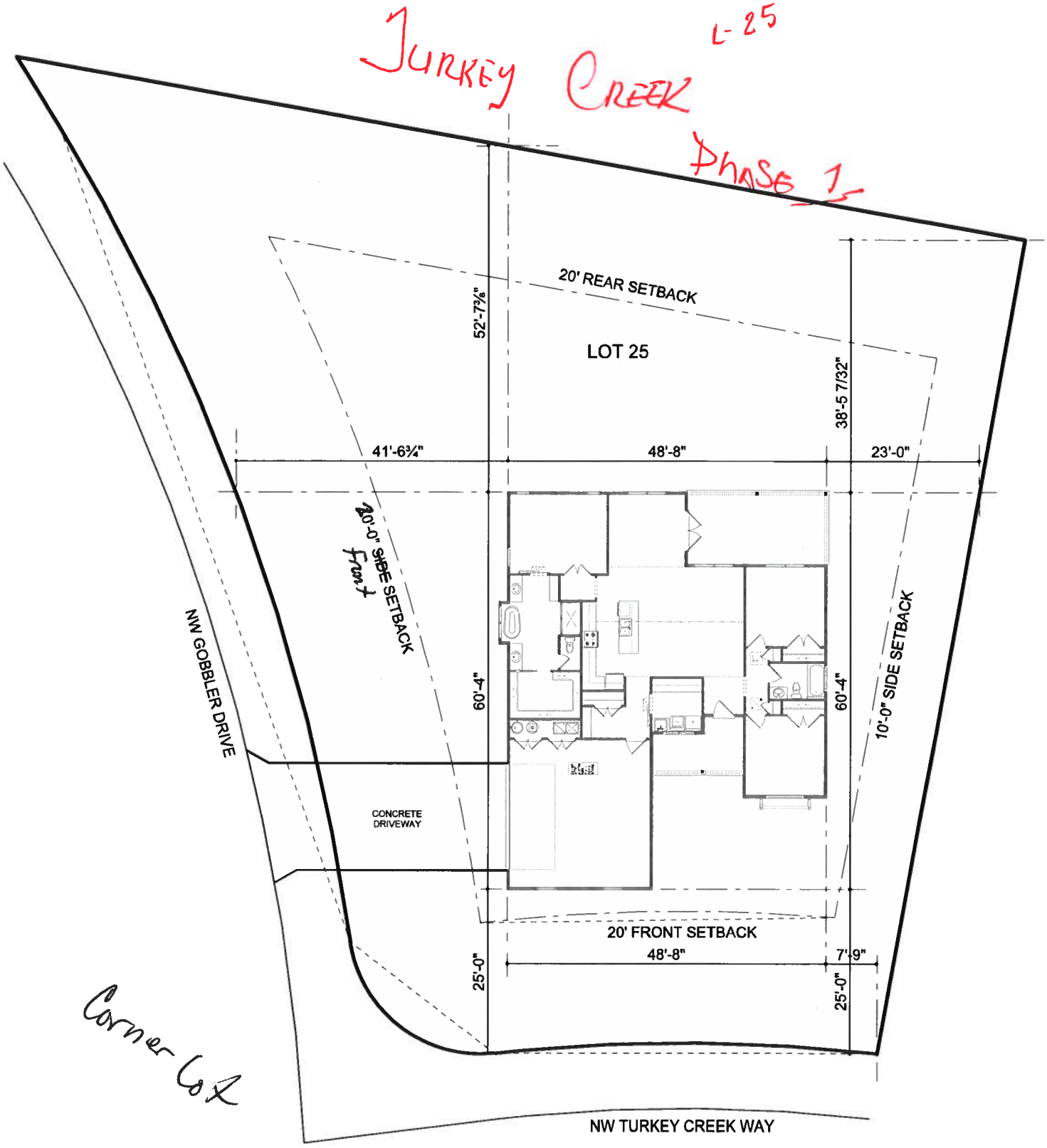
Whole House Totals for Cooling	**Sensible Envelope Load All Zones**	**12477 Btuh**
	Sensible Duct Load	4093 Btuh
	Total Sensible Zone Loads	**16570 Btuh**
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	**16570 Btuh**
	Latent infiltration gain (for 51 gr. humidity difference)	1159 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1184 Btuh
	Latent occupant gain (6.0 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	**3543 Btuh**
	TOTAL GAIN	**20113 Btuh**

EQUIPMENT

1. Central Unit	#	20113 Btuh

*Key: Window types (Panes - Number and type of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value)
(U - Window U-Factor)
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
- For Blinds: Assume medium color, half closed
For Draperies: Assume medium weave, half closed
For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)

Version 8


Turkey Creek
L-25
Phase 1
20' REAR SETBACK
LOT 25
52'-7⅞"
38'-5 7/32"
41'-6¾"
48'-8"
23'-0"
20'-0" SIDE SETBACK
front
NW GOBBLER DRIVE
60'-4"
60'-4"
10'-0" SIDE SETBACK
CONCRETE DRIVEWAY
20' FRONT SETBACK
48'-8"
7'-9"
25'-0"
25'-0"
Corner Lot
NW TURKEY CREEK WAY

Legend

Parcels

Roads

Roads
others
Dirt
Interstate
Main
Other
Paved
Private

2018Aerials

2018 Flood Zones

0.2 PCT ANNUAL CHANCE
A
AE
AH

SRWMD Wetlands

LidarElevations

Columbia County, FLA - Building & Zoning Property Map

Printed: Tue Feb 18 2020 09:23:43 GMT-0500 (Eastern Standard Time)

Parcel Information

Parcel No: 23-3S-16-02279-125

Owner:

Subdivision: TURKEY CREEK UNIT 1

Lot:

Acres: 0.3477211

Deed Acres:

District: District 1 Ronald Williams

Future Land Uses: Residential - Low

Flood Zones:

Official Zoning Atlas: PRD

NOTICE OF COMMENCEMENT

Clerk's Office Stamp

Inst: 202012003457 Date: 02/12/2020 Time: 12:04PM
Page 1 of 1 B: 1405 P: 1133, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

Tax Parcel Identification Number:

23-3S-16-02279-125

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)*: Lot 25 of Turkey Creek Unit 1 @ PRD per map thereof as recorded in plat bk 9 pg. 141 thru 147 of public records of Columbia County FL
   a) Street *(job)* Address: 154 NW Gobbler Way Lake City FL 32055
2. General description of improvements: Single family residence
3. Owner Information or Lessee information if the Lessee contracted for the improvements:
   a) Name and address: Don Little Construction + Roofing, Inc 1542 SW Little Rd Lake City, FL 32024
   b) Name and address of fee simple titleholder (if other than owner) n/a
   c) Interest in property 100%
4. Contractor Information
   a) Name and address: Don Little Construction + Roofing 1542 SW Little Road Lake City FL 32024
   b) Telephone No.: 386.961.0006
5. Surety Information (if applicable, a copy of the payment bond is attached):
   a) Name and address: n/a
   b) Amount of Bond:
   c) Telephone No.:
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: n/a
   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: n/a OF
   b) Telephone No.:
9. Expiration date of Notice of Commencement **(the expiration date will be 1 year from the date of recording unless a different date is specified)**:

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

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

Don Little - owner
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 11 day of Feb, 2020 by:

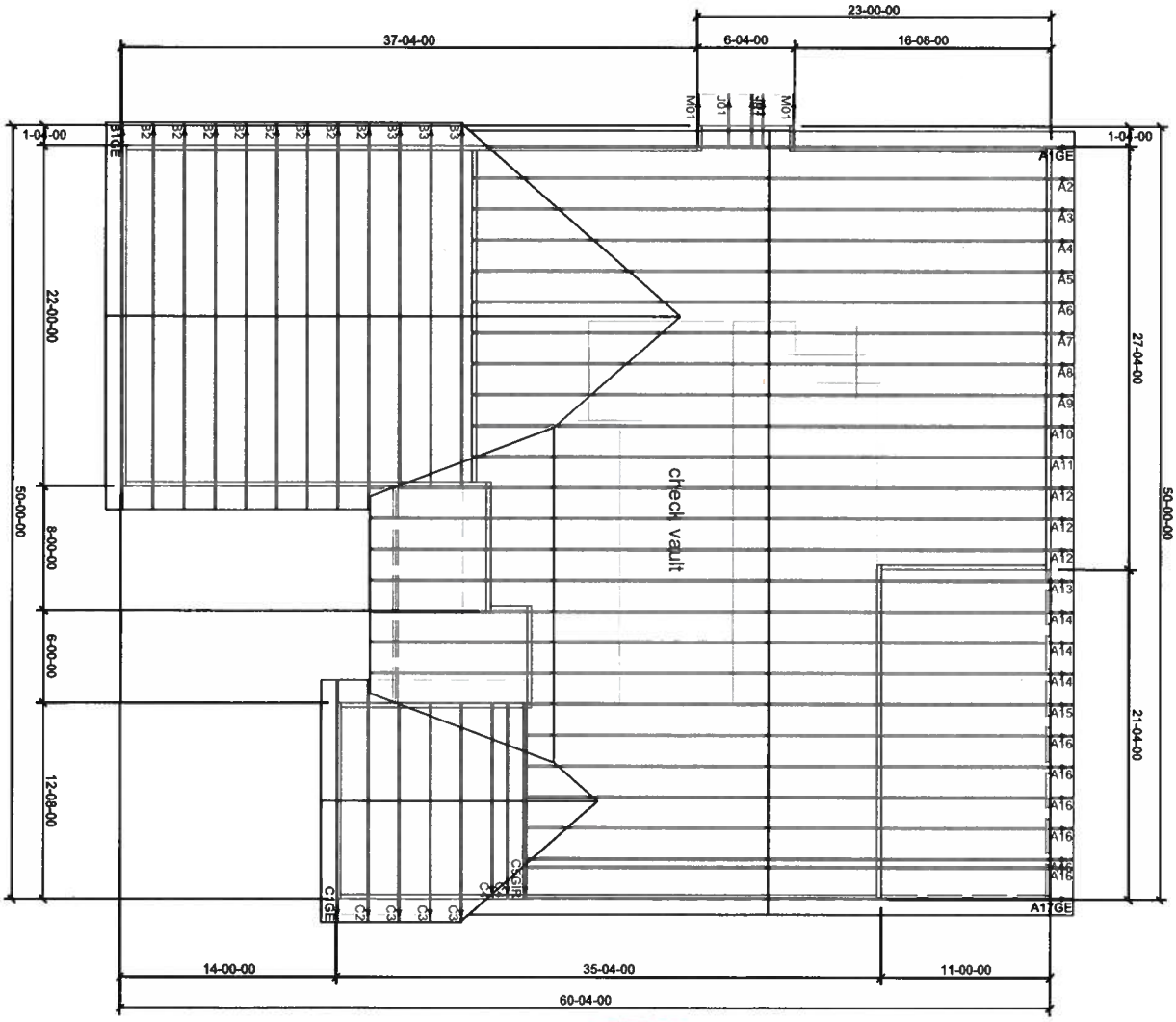
Don Little (Name of Person) as owner (Type of Authority) for Don Little Construction + Roofing (name of party on behalf of whom instrument was executed)

Personally Known ✓ OR Produced Identification ____ Type ____

Notary Signature B. Watson

Notary Stamp or Seal:

BRITTANY D WATSON
MY COMMISSION # GG014437
EXPIRES July 21, 2020



Jackey Creek 25	Roof Loading TC Live: 20.00 psf TC Dead: 10.00 psf BC Live: 0.00 psf BC Dead: 10.00 psf Spacing: 2.00 O.C.	Client: IND-RES Date: 2/6/2020 Quote Date: / / Seal Date: / / Designer: Jason DeGroff Job Number: 0220-002	Mayo Truss Company Inc. Ph. (386) 294-3988 Fax (386) 294-3981 mayotruss@windstream.net

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

RE: Lot_25 - Turkey Creek

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

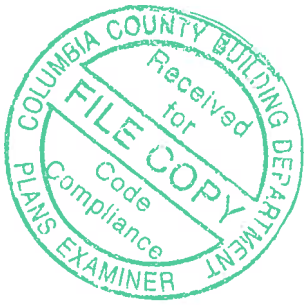
Site Information:
Customer Info: Don Little Construction Project Name: . Model: .
Lot/Block: . Subdivision: .
Address: ., .
City: Lake City State: Fl

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: 40.0 psf Floor Load: N/A psf

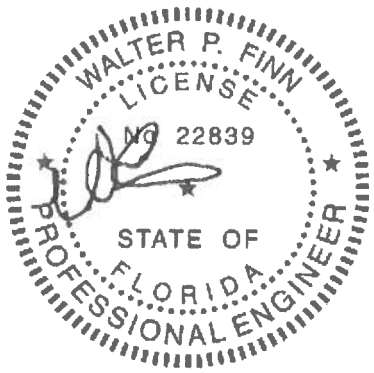
This package includes 27 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T19383679	A1GE	2/11/20	23	T19383701	C3	2/11/20
2	T19383680	A2	2/11/20	24	T19383702	C4	2/11/20
3	T19383681	A3	2/11/20	25	T19383703	C5GIR	2/11/20
4	T19383682	A4	2/11/20	26	T19383704	J01	2/11/20
5	T19383683	A5	2/11/20	27	T19383705	M01	2/11/20
6	T19383684	A6	2/11/20				
7	T19383685	A7	2/11/20				
8	T19383686	A8	2/11/20				
9	T19383687	A9	2/11/20				
10	T19383688	A10	2/11/20				
11	T19383689	A11	2/11/20				
12	T19383690	A12	2/11/20				
13	T19383691	A13	2/11/20				
14	T19383692	A14	2/11/20				
15	T19383693	A15	2/11/20				
16	T19383694	A16	2/11/20				
17	T19383695	A17GE	2/11/20				
18	T19383696	B1GE	2/11/20				
19	T19383697	B2	2/11/20				
20	T19383698	B3	2/11/20				
21	T19383699	C1GE	2/11/20				
22	T19383700	C2	2/11/20				



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

Truss Design Engineer's Name: Finn, Walter
My license renewal date for the state of Florida is February 28, 2021.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: February 11,2020

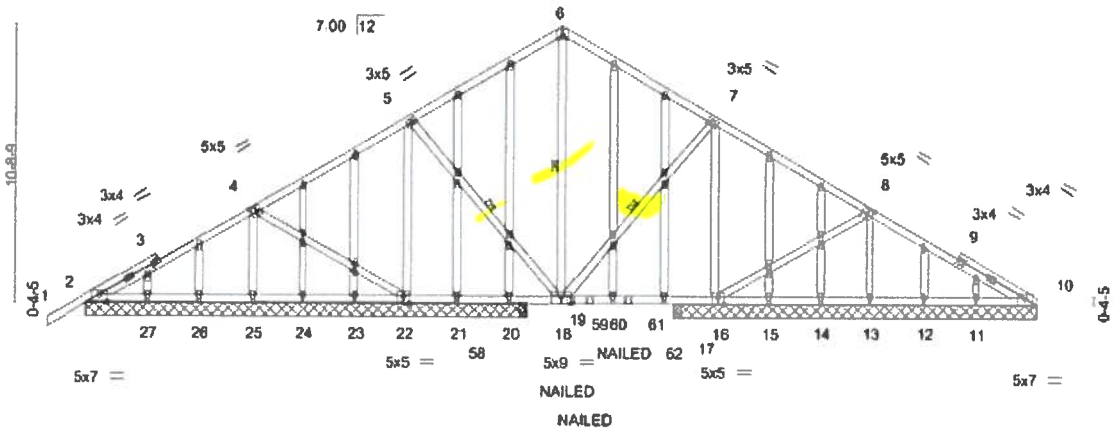
IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO 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.

Job	Truss	Truss Type	Qty	Ply	T19383679
Lot_25	A1GE	GABLE	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:58 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-yeoW_Kkzd521u9SbyJeWEEDKtg03S7TC2XVoMzzmBY3

1-6-0	6-5-1	12-4-8	18-4-0	24-3-8	30-2-15	36-8-0
1-6-0	6-5-1	5-11-8	5-11-8	5-11-8	5-11-8	6-5-1

Scale = 1:89.1



6-5-1	12-4-8	16-8-0	18-4-0	23-0-0	24-3-8	30-2-15	36-8-0
6-5-1	5-11-8	4-3-8	1-8-0	4-8-0	1-3-8	5-11-8	6-5-1

Plate Offsets (X,Y)— [2:0-3-8,0-3-0], [4:0-2-8,0-3-0], [8:0-2-8,0-3-0], [10:0-3-8,0-3-0], [16:0-2-8,0-3-0], [18:0-4-8,0-3-0], [22:0-2-8,0-3-0]

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	0.46	Vert(LL)	-0.02	17-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.02	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.45	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 305 lb	FT = 0%

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

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.
WEBS 1 Row at midpt 6-18, 7-18, 5-18

REACTIONS. All bearings 16-11-8 except (jt=length) 16=13-11-8, 13=13-11-8, 15=13-11-8, 14=13-11-8, 12=13-11-8, 11=13-11-8, 10=13-11-8, 19=0-3-8, 17=0-3-8, 10=13-11-8.
(lb) - Max Horz 2=199(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) 2, 22, 16, 13, 25, 20, 26, 27, 12, 11, 19, 17
Max Grav All reactions 250 lb or less at joint(s) 2, 20, 21, 23, 24, 26, 27, 15, 14, 12, 11, 10, 19, 17, 2, 10 except 22=577(LC 36), 16=491(LC 37), 13=482(LC 18), 25=482(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-261/121
WEBS 7-16=-517/92, 8-13=-428/69, 5-22=-543/93, 4-25=-431/89

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=6.0psf; h=15ft; B=45ft; L=37ft; 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
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 1.5x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 22, 16, 13, 25, 20, 26, 27, 12, 11, 19, 17, 2.
9) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-6=-60, 6-10=-60, 50-54=-20
Concentrated Loads (lb)
Vert: 59=24(F) 60=24(F) 61=24(F)

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

Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

February 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T19383680
Lot_25	A2	Roof Special	1	1	

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:00 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-u1vGP7lD9jll7Tc_3kg_Jfic0UaQwzmVVr_vRszmBY1

1-6-0	6-1-12	11-3-8	18-4-0	25-4-8	28-0-0	34-4-5	37-7-8
1-6-0	6-1-12	5-1-12	7-0-8	7-0-8	2-7-8	6-4-5	3-3-3

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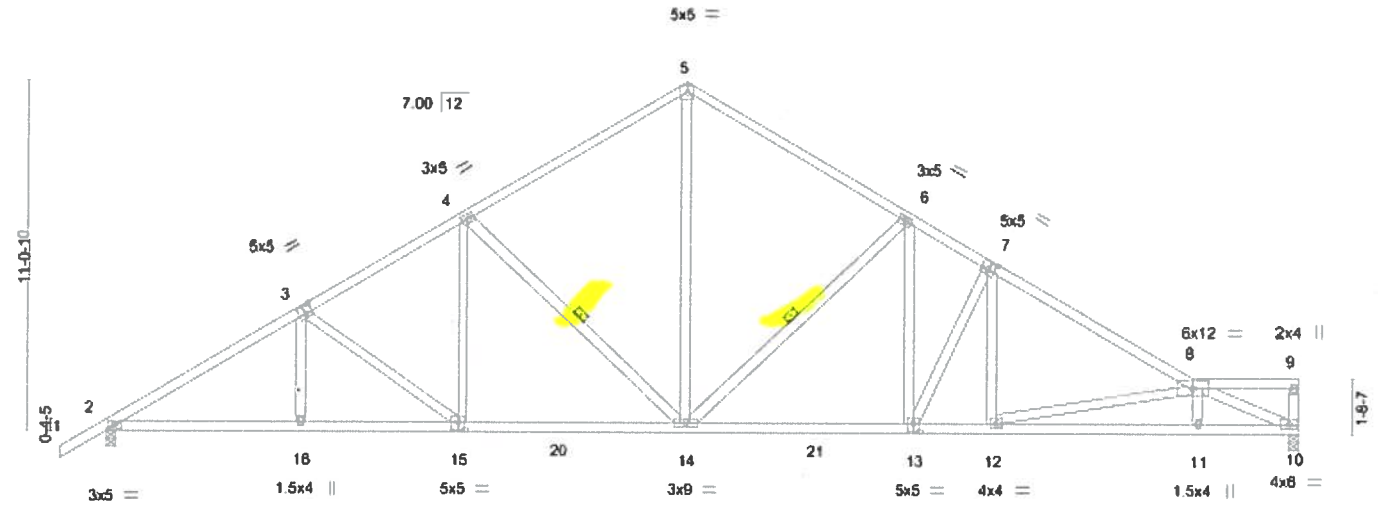


6-1-12	11-3-8	18-4-0	25-4-8	28-0-0	34-4-5	37-7-8
6-1-12	5-1-12	7-0-8	7-0-8	2-7-8	6-4-5	3-3-3

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [7:0-2-8,0-3-0], [13:0-2-8,0-3-0], [15:0-2-8,0-3-0]

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	0.68	Vert(LL)	-0.17	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.38	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.14	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 231 lb	FT = 0%

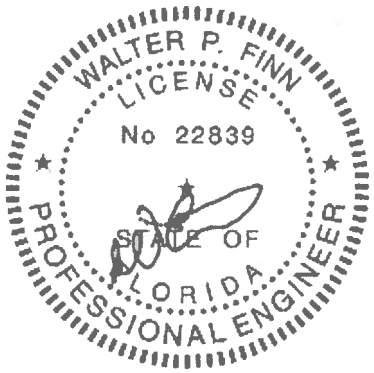
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-14, 6-14

REACTIONS. (lb/size) 10=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=224(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2574/415, 3-4=-2178/421, 4-5=-1649/401, 5-6=-1647/400, 6-7=-2228/461, 7-8=-2540/434
BOT CHORD 2-18=-346/2228, 15-18=-347/2226, 14-15=-240/1896, 13-14=-248/1879, 12-13=-311/2116, 11-12=-511/3049, 10-11=-502/3054
WEBS 3-15=-441/134, 4-15=-5/439, 4-14=-731/211, 5-14=-207/1149, 6-14=-821/227, 6-13=-75/628, 7-13=-530/148, 7-12=-4/349, 8-12=-951/229, 8-10=-3259/523

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=6.0psf; h=15ft; B=45ft; L=38ft; 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 = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

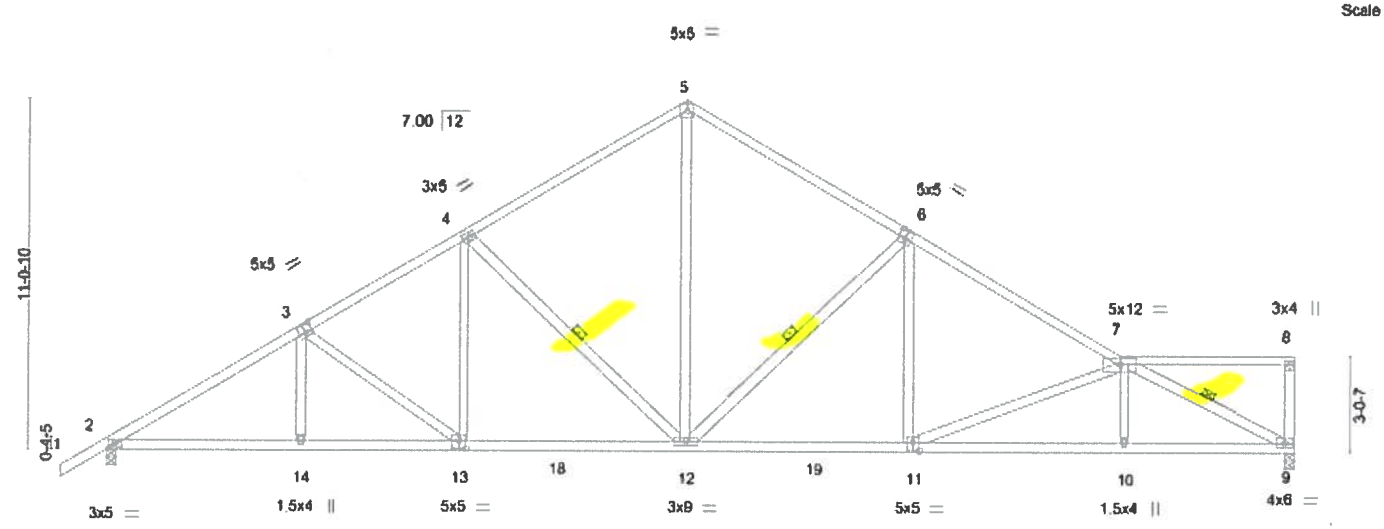
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383681
Lot_25	A3	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:01 2020 Page 1
ID:7mWDb30las9SBg2VS9QNY2zoYXp-MDTlcLmrw0QddBAdRBDssrquuxVfRsekVjSzIzmBY0

1-6-0	6-1-12	11-3-8	18-4-0	25-4-8	32-0-14	37-7-8
1-6-0	6-1-12	5-1-12	7-0-8	7-0-8	6-8-6	5-6-10

Scale = 1:73.0



6-1-12	11-3-8	18-4-0	25-4-8	32-0-14	37-7-8
6-1-12	5-1-12	7-0-8	7-0-8	6-8-6	5-6-10

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [6:0-2-8,0-3-4], [11:0-2-8,0-3-4], [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	0.68	Vert(CT)	-0.35	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.13	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 224 lb	FT = 0%

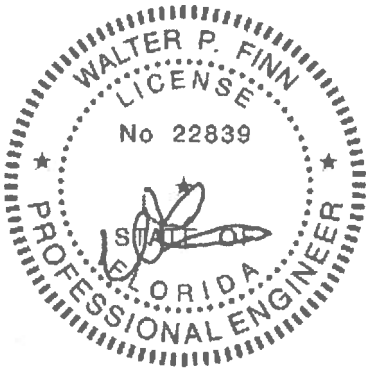
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-12, 6-12, 7-9

REACTIONS. (lb/size) 9=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=240(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2574/409, 3-4=-2179/419, 4-5=-1647/402, 5-6=-1651/406, 6-7=-2295/425
BOT CHORD 2-14=-411/2229, 13-14=-412/2227, 12-13=-305/1898, 11-12=-313/1893, 10-11=-452/2568, 9-10=-447/2574
WEBS 3-13=-439/133, 4-13=-3/439, 4-12=-735/213, 5-12=-221/1168, 6-12=-843/239, 6-11=0/493, 7-11=-717/191, 7-9=-2823/465

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=6.0psf; h=15ft; B=45ft; L=38ft; 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 = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

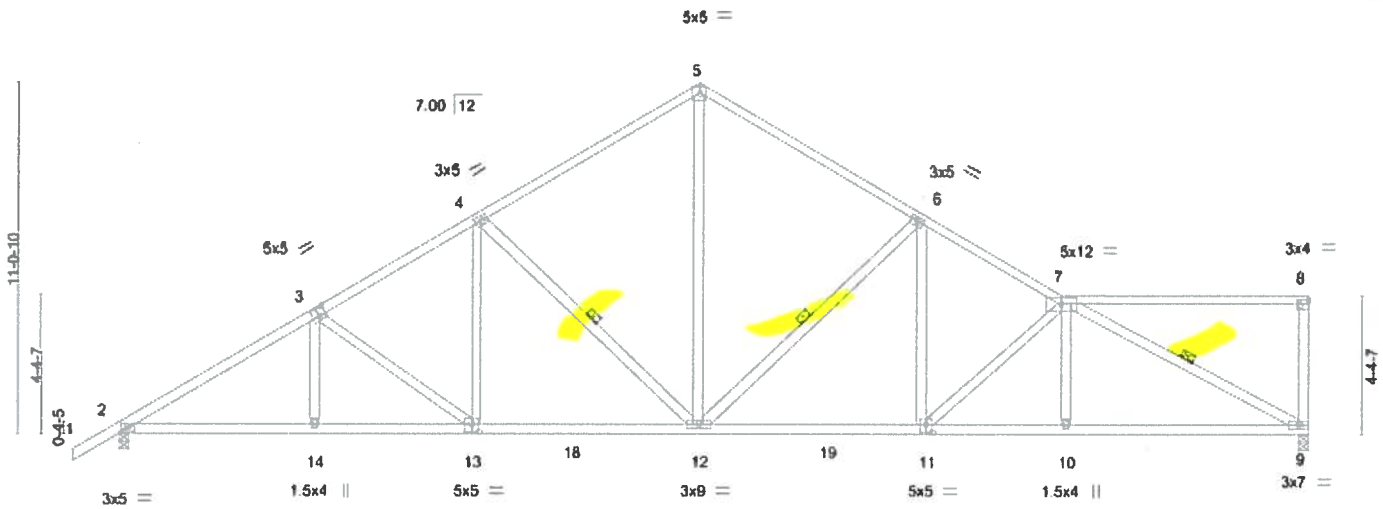
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383682
Lot_25	A4	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:02 2020 Page 1
ID:7mWDb30tas9SBgZVS9QNY2zoYXp-rP11qhnUhKYTNnmNB8jSO4O_6HG0Or9oy9T0VlzmBY?

1-6-0	6-1-12	11-3-8	18-4-0	25-4-8	29-9-7	37-7-8
1-6-0	6-1-12	5-1-12	7-0-8	7-0-8	4-4-15	7-10-1

Scale = 1:73.0



6-1-12	11-3-8	18-4-0	25-4-8	29-9-7	37-7-8
6-1-12	5-1-12	7-0-8	7-0-8	4-4-15	7-10-1

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [8:Edge,0-1-8], [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	0.58	Vert(LL)	-0.16	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.35	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.13	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 230 lb	FT = 0%

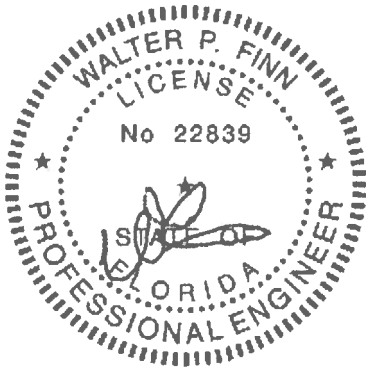
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-12, 6-12, 7-9

REACTIONS. (lb/size) 9=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=255(LC 11)
Max Uplift 2=-36(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2574/409, 3-4=-2178/420, 4-5=-1649/403, 5-6=-1647/402, 6-7=-2249/446
BOT CHORD 2-14=-472/2232, 13-14=-473/2230, 12-13=-366/1900, 11-12=-359/1881, 10-11=-428/2288, 9-10=-425/2293
WEBS 3-13=-441/133, 4-13=-5/439, 4-12=-731/212, 5-12=-210/1159, 6-12=-815/232, 6-11=-39/543, 7-11=-548/145, 7-9=-2517/428

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=6.0psf; h=15ft; B=45ft; L=38ft; 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 = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

February 11,2020

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T19383683
Lot_25	A5	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:03 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-JbbP11o6SegK?xLZksEhxHw7AhdR7P_xBpCZ1BzmBY_

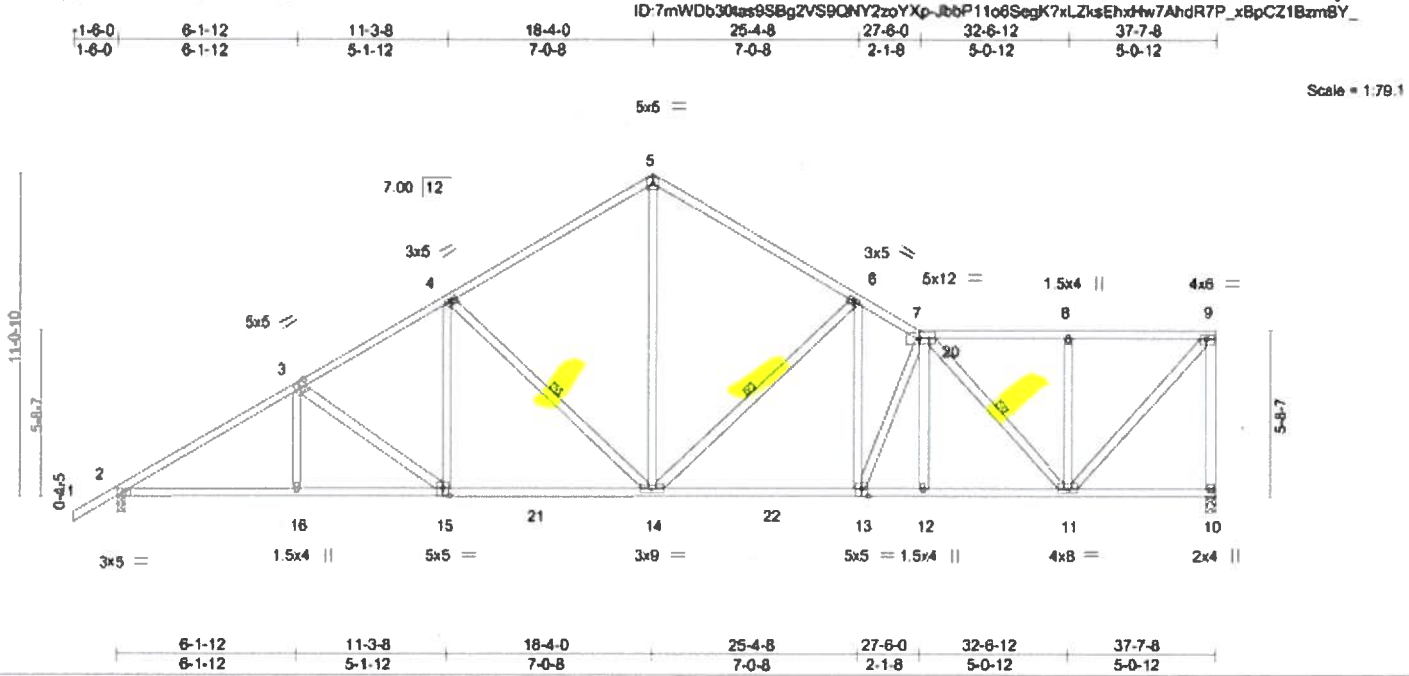


Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [13:0-2-8,0-3-0], [15:0-2-8,0-3-0]

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	0.68	Vert(LL)	-0.15	14-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.31	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 249 lb	FT = 0%

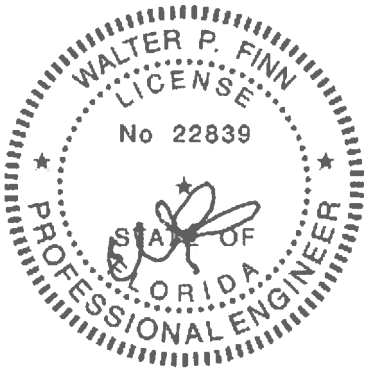
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-14, 6-14, 7-11

REACTIONS. (lb/size) 10=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=271(LC 11)
Max Uplift 2=-36(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2574/410, 3-4=-2178/421, 4-5=-1649/404, 5-6=-1648/404, 6-7=-2169/448, 7-8=-1218/292, 8-9=-1218/292, 9-10=-1450/298
BOT CHORD 2-16=-530/2237, 15-16=-531/2234, 14-15=-424/1905, 13-14=-402/1885, 12-13=-417/2028, 11-12=-417/2030
WEBS 3-15=-441/133, 4-15=-4/439, 4-14=-732/212, 5-14=-213/1168, 6-14=-816/234, 6-13=-38/525, 7-13=-388/108, 7-11=-1189/213, 8-11=-351/170, 9-11=-335/1790

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=6.0psf; h=15ft; B=45ft; L=38ft; 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 = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

February 11,2020

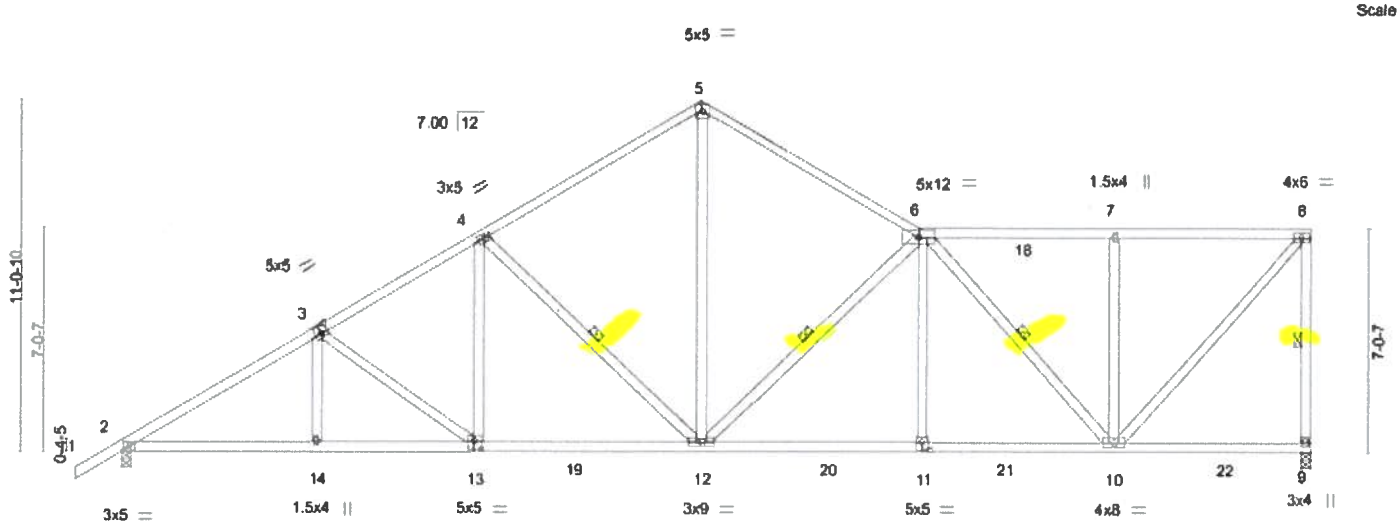
MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T19383684
Lot_25	A6	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:04 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-no9nFNokDxpBc4wtlZlwUVTKJ5__srQ4QTy6ZdzmBXz

1-6-0	6-1-12	11-3-8	18-4-0	25-2-9	31-5-1	37-7-8
1-6-0	6-1-12	5-1-12	7-0-8	6-10-9	6-2-7	6-2-7

Scale = 1:73.0



6-1-12	11-3-8	18-4-0	25-2-9	31-5-1	37-7-8
6-1-12	5-1-12	7-0-8	6-10-9	6-2-7	6-2-7

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [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	0.53	Vert(LL)	-0.15	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.32	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.10	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 242 lb	FT = 0%

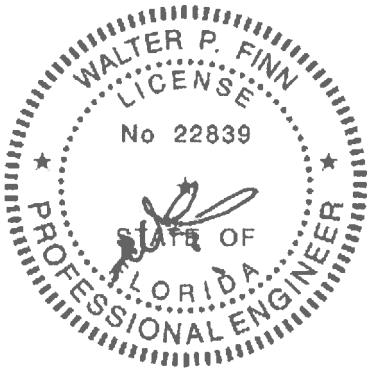
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 8-9, 4-12, 6-12, 6-10

REACTIONS. (lb/size) 9=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=287(LC 11)
Max Uplift 9=-1(LC 12), 2=-35(LC 12)
Max Grav 9=1563(LC 17), 2=1591(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2574/412, 3-4=-2215/423, 4-5=-1649/406, 5-6=-1669/405, 6-7=-1204/308, 7-8=-1204/308, 8-9=-1444/320
BOT CHORD 2-14=-585/2282, 13-14=-586/2280, 12-13=-479/1952, 11-12=-428/1957, 10-11=-427/1962
WEBS 3-13=-441/134, 4-13=-4/441, 4-12=-734/211, 5-12=-212/1221, 6-12=-854/225, 6-11=0/311, 6-10=-1107/207, 7-10=-403/192, 8-10=-344/1765

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=6.0psf; h=15ft; B=45ft; L=38ft; 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 = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

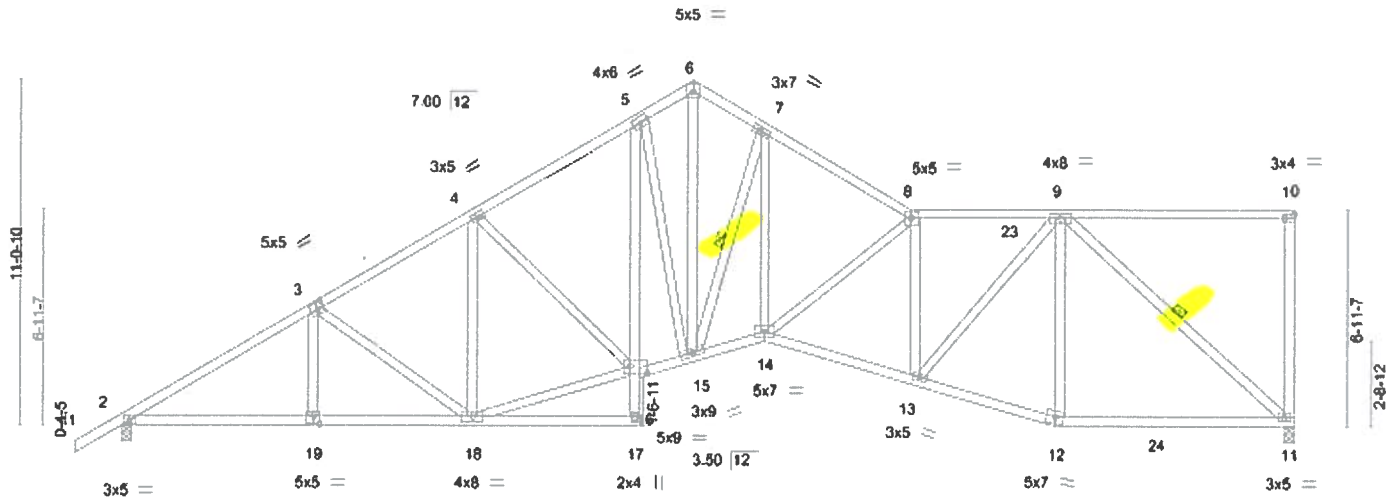
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383685
Lot_25	A7	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:05 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-F_j9SjpM_Fx2EEVxsHG90i0WxVKBbDoEf7hg53zmBXy

1-6-0	6-1-12	11-3-8	16-7-8	18-4-0	20-7-12	25-4-5	30-0-0	37-7-8
1-6-0	6-1-12	5-1-12	5-4-0	1-8-8	2-3-12	4-8-9	4-7-11	7-7-8

Scale = 1:74.2



6-1-12	11-3-8	16-7-8	18-4-0	20-7-12	25-4-5	30-0-0	37-7-8
6-1-12	5-1-12	5-4-0	1-8-8	2-3-12	4-8-9	4-7-11	7-7-8

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [10:Edge,0-1-8], [16:0-6-4,0-2-12], [19:0-2-8,0-3-0]

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	0.47	Vert(LL)	-0.19	14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.38	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.19	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 281 lb	FT = 0%

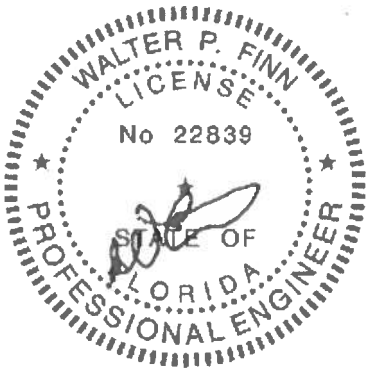
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 7-15, 9-11

REACTIONS. (lb/size) 11=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=286(LC 11)
Max Uplift 11=-1(LC 12), 2=-35(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2578/412, 3-4=-2165/422, 4-5=-2085/458, 5-6=-1898/496, 6-7=-1917/488, 7-8=-2484/526, 8-9=-2294/467
BOT CHORD 2-19=-583/2157, 18-19=-584/2154, 5-16=-79/329, 15-16=-442/1769, 14-15=-523/2170, 13-14=-561/2433, 12-13=-349/1433, 11-12=-330/1370
WEBS 3-18=-464/140, 16-18=-490/1818, 5-15=-460/199, 6-15=-465/1740, 7-15=-1515/366, 7-14=-263/1506, 8-14=-373/159, 8-13=-1251/333, 9-13=-299/1418, 9-12=-277/182, 9-11=-1814/369

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=6.0psf; h=15ft; B=45ft; L=38ft; 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 = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

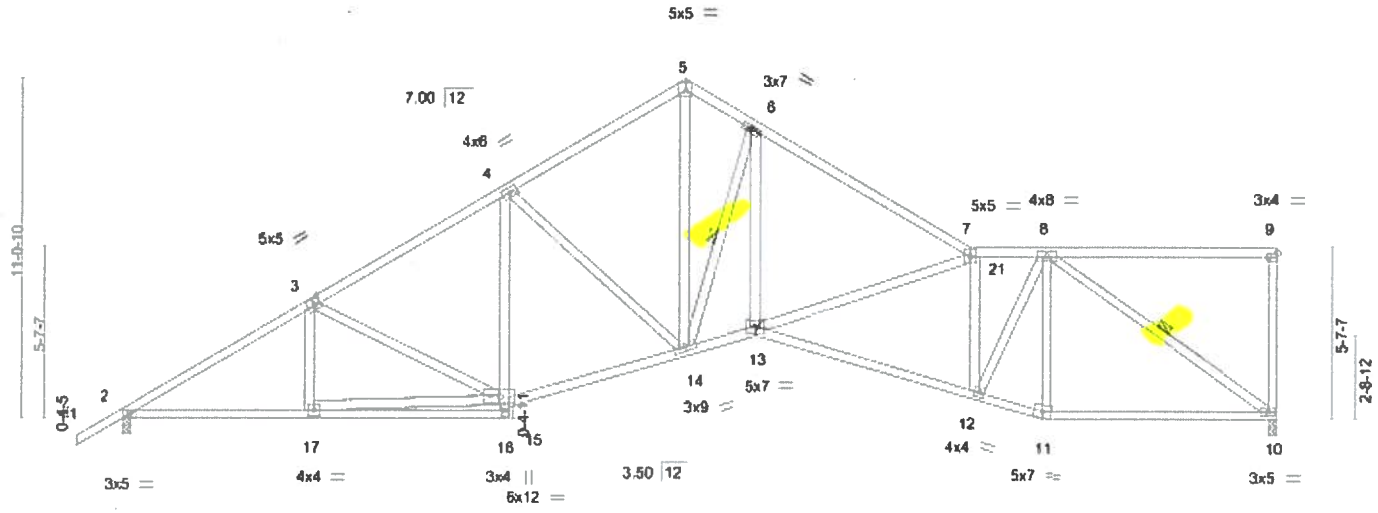
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383686
Lot_25	A8	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:07 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-BNrwtPrcWsBITYfKzild575ndlz537fX6RAn9yzmBXw

1-6-0	6-1-12	12-7-8	18-4-0	20-7-12	27-7-12	30-0-0	37-7-8
1-6-0	6-1-12	6-5-12	5-8-8	2-3-12	7-0-0	2-4-4	7-7-8

Scale = 1:75.3



6-1-12	12-7-8	18-4-0	20-7-12	27-7-12	30-0-0	37-7-8
6-1-12	6-5-12	5-8-8	2-3-12	7-0-0	2-4-4	7-7-8

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [9:Edge,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	0.78	Vert(LL)	-0.20	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.45	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.77	Horz(CT)	0.20	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 254 lb	FT = 0%

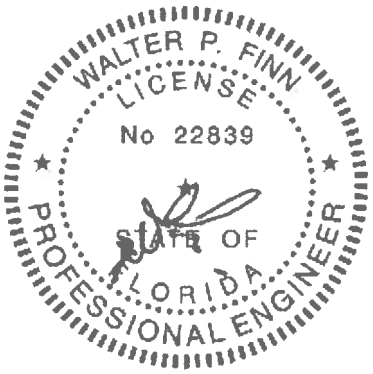
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 6-14, 8-10

REACTIONS. (lb/size) 10=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=270(LC 11)
Max Uplift 2=-36(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2587/410, 3-4=-2209/426, 4-5=-1990/458, 5-6=-1945/500, 6-7=-2544/514, 7-8=-2335/460
BOT CHORD 2-17=-530/2168, 16-17=-92/413, 14-15=-447/1926, 13-14=-461/2199, 12-13=-521/2490, 11-12=-377/1776, 10-11=-363/1707
WEBS 15-17=-441/1759, 3-15=-435/133, 4-14=-368/179, 5-14=-405/1715, 6-14=-1593/386, 6-13=-224/1469, 7-13=-358/173, 7-12=-1358/331, 8-12=-265/1422, 8-11=-412/169, 8-10=-2061/389

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=6.0psf; h=15ft; B=45ft; L=38ft; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

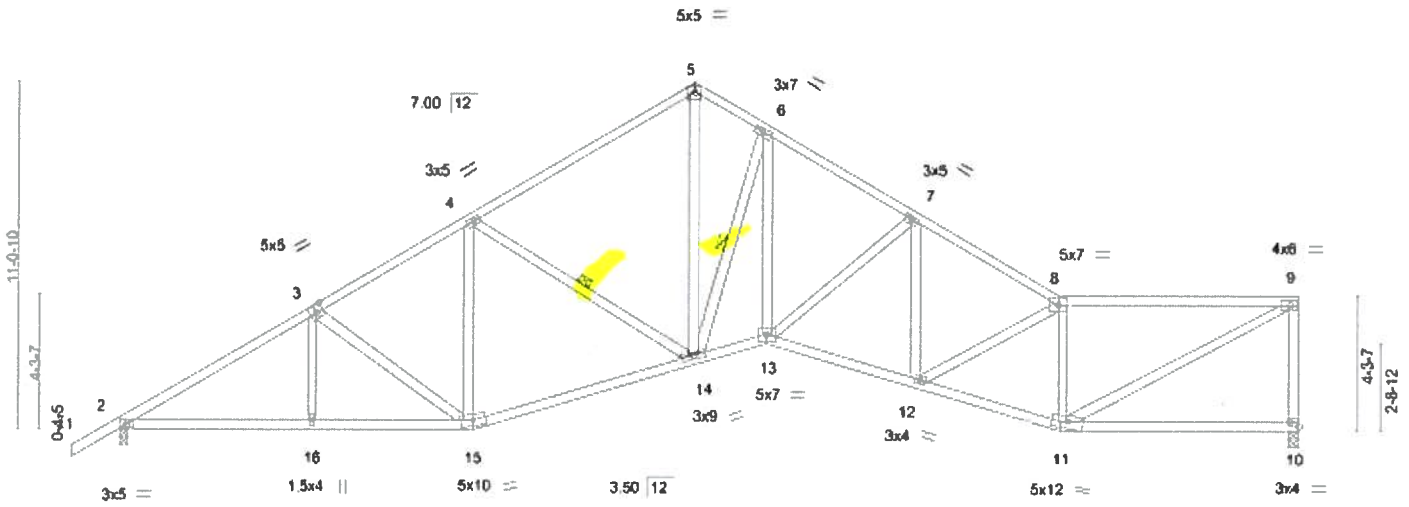
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383687
Lot_25	A9	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:08 2020 Page 1
ID:7mWD630tas9SBg2VS9QNY2zoYXp-fZOI4krEHAJc5iDWXPqseLdxAiKZod7gL5wKiOzmBXv

1-6-0	6-1-12	11-3-8	18-4-0	20-7-12	25-4-8	29-11-3	37-7-8
1-6-0	6-1-12	5-1-12	7-0-8	2-3-12	4-8-12	4-6-11	7-8-5

Scale = 1:73.6



6-1-12	11-3-8	18-4-0	20-7-12	25-4-8	30-0-0	37-7-8
6-1-12	5-1-12	7-0-8	2-3-12	4-8-12	4-7-8	7-7-8

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [10:Edge,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	0.86	Vert(LL)	-0.21	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.43	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.18	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 238 lb	FT = 0%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-14, 6-14

REACTIONS. (lb/size) 10=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=254(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2574/407, 3-4=-2171/421, 4-5=-2015/442, 5-6=-1898/470, 6-7=-2493/522, 7-8=-2789/505, 8-9=-2286/436, 9-10=-1415/306
BOT CHORD 2-16=-466/2151, 15-16=-467/2149, 14-15=-392/1912, 13-14=-375/2163, 12-13=-467/2455, 11-12=-463/2427
WEBS 3-15=-437/124, 4-14=-306/175, 5-14=-310/1571, 6-14=-1460/323, 6-13=-273/1522, 7-13=-392/171, 8-11=-1749/415, 9-11=-436/2514

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=6.0psf; h=15ft; B=45ft; L=38ft; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

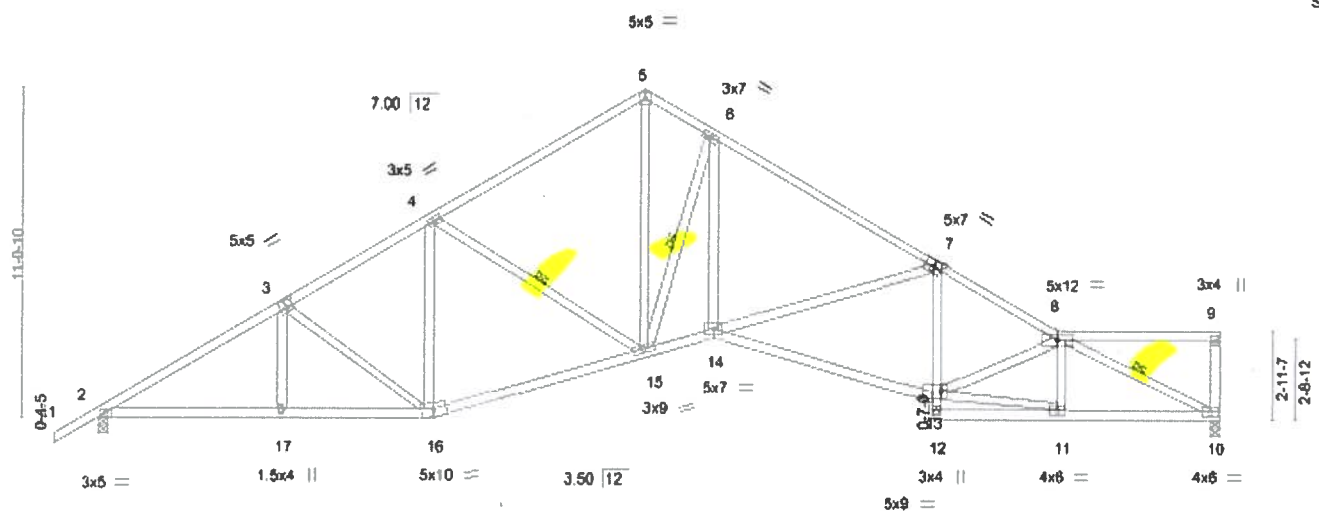
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383688
Lot_25	A10	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:46 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-JK3_TDaRSPXkSJYIFnQIijEro6ehDRHgb9xgzmBYF

1-6-0	6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-2-9	37-7-8
1-6-0	6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-2-9	5-4-15

Scale = 1:77.5



6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-2-9	37-7-8
6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-2-9	5-4-15

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

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	0.60	Vert(LL)	-0.21	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.51	13-14	>876	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.21	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 238 lb	FT = 0%

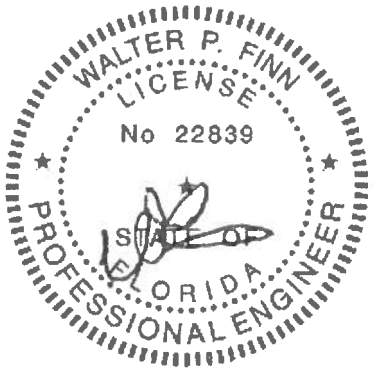
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-15, 6-15, 8-10

REACTIONS. (lb/size) 10=1497/0-3-8, 2=1591/0-3-8
Max Horz 2=239(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2574/408, 3-4=-2171/420, 4-5=-2014/435, 5-6=-1933/482, 6-7=-2565/492, 7-8=-2857/491
BOT CHORD 2-17=-405/2151, 16-17=-406/2149, 15-16=-328/1913, 14-15=-295/2199, 13-14=-460/2597, 10-11=-436/2556
WEBS 3-16=-436/123, 4-15=-307/179, 5-15=-343/1632, 6-15=-1560/332, 6-14=-192/1491, 7-14=-456/208, 11-13=-332/2361, 8-11=-318/127, 8-10=-2789/449

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=6.0psf; h=15ft; B=45ft; L=38ft; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383689
Lot_25	A11	Roof Special	1	1	

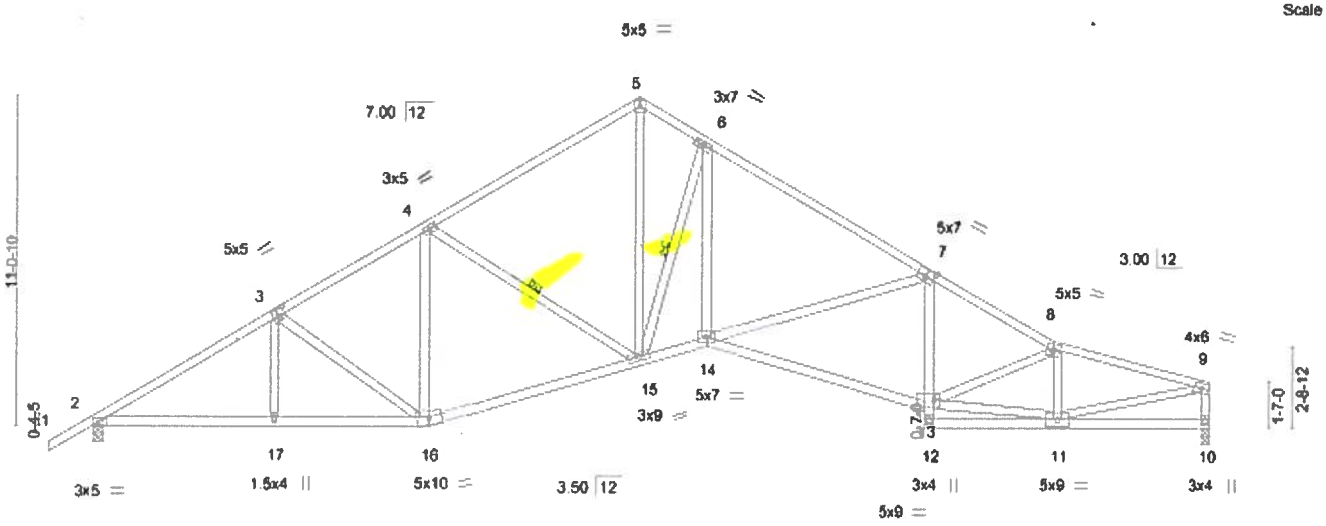
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:47 2020 Page 1

ID:7mWDb30tas9SBg2VS9QNY2zoYXp-nWdMgZb3Djfb4T7UoVxxHvGPUE8KN89aWJKjT8zmBYE

1-6-0	6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	37-7-8
1-6-0	6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-3-5	5-4-3

Scale = 1:77.5



6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	37-7-8
6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-3-5	5-4-3

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

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	0.60	Vert(LL)	-0.21	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.51	13-14	>881	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.19	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 235 lb	FT = 0%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 4-15, 6-15

REACTIONS. (lb/size) 2=1591/0-3-8, 10=1497/0-3-8
Max Horz 2=212(LC 11)
Max Uplift 2=-37(LC 12)

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

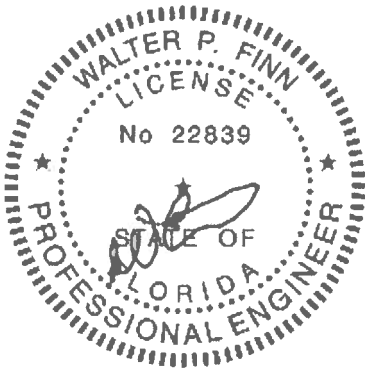
TOP CHORD 2-3=-2574/418, 3-4=-2171/426, 4-5=-2014/427, 5-6=-1933/473, 6-7=-2565/473, 7-8=-2858/508, 8-9=-2654/462, 9-10=-1427/287

BOT CHORD 2-17=-335/2151, 16-17=-336/2149, 15-16=-256/1913, 14-15=-197/2199, 13-14=-401/2597

WEBS 3-16=-436/123, 4-15=-302/182, 5-15=-335/1631, 6-15=-1560/305, 6-14=-161/1492, 7-14=-456/219, 11-13=-323/2366, 8-11=-938/220, 9-11=-381/2450

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=6.0psf; h=15ft; B=45ft; L=38ft; 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.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

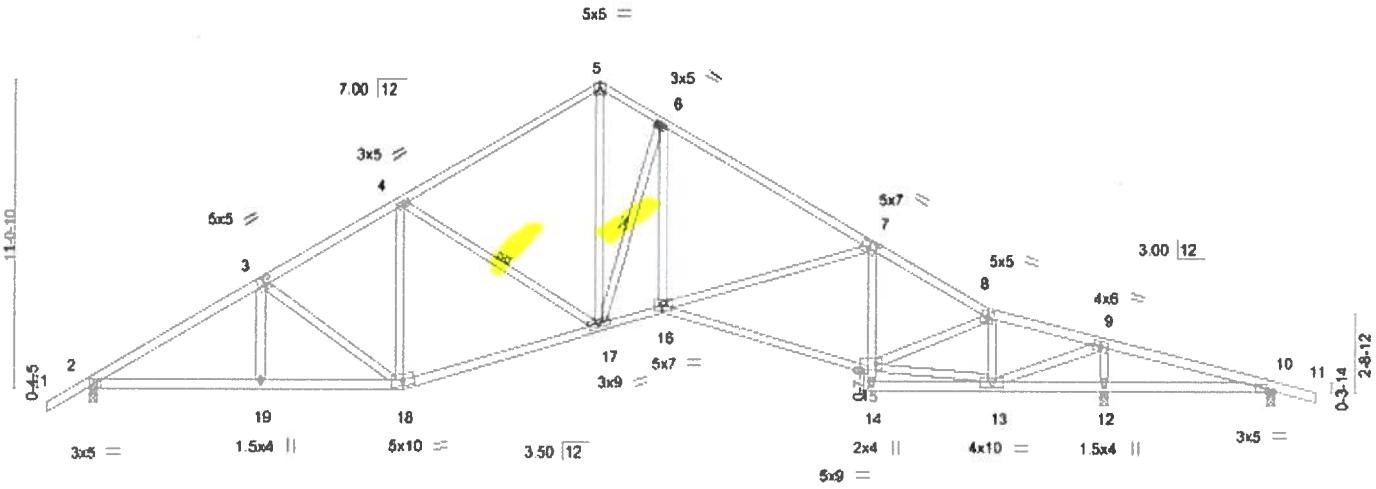
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383690
Lot_25	A12	Roof Special	3	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:48 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-F|Bkuvoi_1oShdgMCTAq7odeVJ6askkz4G7YzmBYD

1-6-0	6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	36-6-4	42-8-0	44-2-0
1-6-0	6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-3-5	4-2-15	6-1-12	1-6-0

Scale = 1:82.9



6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	36-6-4	42-8-0
6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-3-5	4-2-15	6-1-12

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [7:0-3-8,0-3-0], [10:0-3-4,Edge], [15:0-6-12,0-2-8]

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	0.64	Vert(LL)	-0.16	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.40	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.59	Horz(CT)	0.15	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 252 lb	FT = 0%

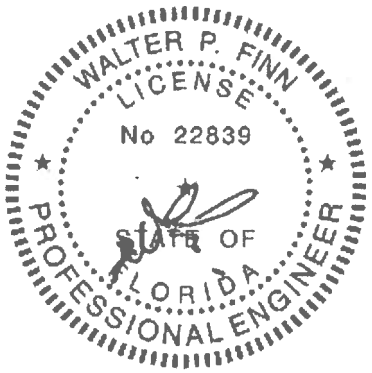
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-17, 6-17

REACTIONS. (lb/size) 2=1488/0-3-8, 10=-38/0-3-8, 12=2143/0-3-8
Max Horz 2=-201(LC 10)
Max Uplift 2=-38(LC 12), 10=-123(LC 10), 12=-43(LC 12)
Max Grav 2=1488(LC 1), 10=29(LC 22), 12=2143(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2373/388, 3-4=-1969/396, 4-5=-1761/360, 5-6=-1682/407, 6-7=-2196/370, 7-8=-2086/374, 8-9=-1223/232, 9-10=-148/1361
BOT CHORD 2-19=-207/1978, 18-19=-208/1975, 17-18=-130/1731, 16-17=-9/1869, 15-16=-183/1915, 7-15=-412/113, 12-13=-1273/187, 10-12=-1273/187
WEBS 3-18=-438/124, 4-17=-343/204, 5-17=-269/1381, 6-17=-1227/200, 6-16=-42/1111, 13-15=-46/1173, 8-15=-23/526, 8-13=-1140/212, 9-13=-308/2606, 9-12=-1961/398

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=6.0psf; h=15ft; B=45ft; L=43ft; 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; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 2, 123 lb uplift at joint 10 and 43 lb uplift at joint 12.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

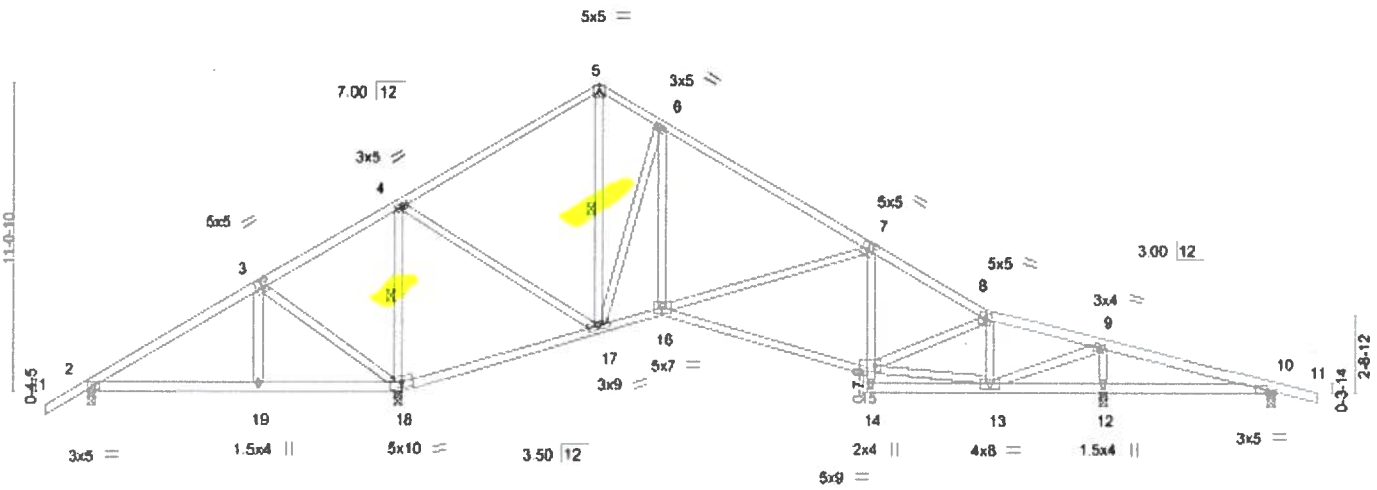
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383691
Lot_25	A13	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:50 2020 Page 1
ID:7mWDb30las9SBg2VS9QNY2zoYXp-B5JUJbdyWe2Axxr3UdVevYuyMSD4aP40CHZN4RzmBYB

1-6-0	6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	36-6-4	42-8-0	44-2-0
1-6-0	6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-3-5	4-2-15	6-1-12	1-6-0

Scale = 1:82.9



6-1-12	11-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	36-6-4	42-8-0
6-1-12	5-0-0	0-1-12	7-0-8	2-3-12	7-4-4	4-3-5	4-2-15	6-1-12

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [7:0-2-8,0-3-0], [10:0-3-4,Edge], [15:0-6-12,0-2-8]

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	0.50	Vert(LL)	-0.11	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.25	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.04	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 252 lb	FT = 0%

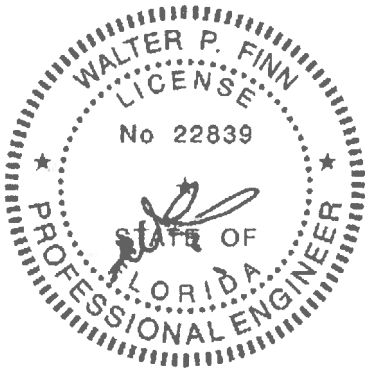
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-18, 5-17

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=-201(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 10, 12 except 2=-131(LC 12), 18=-104(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 10 except 2=337(LC 21), 18=1899(LC 1), 12=1295(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-130/374, 3-4=-55/686, 4-5=-427/135, 5-6=-415/183, 6-7=-714/120, 7-8=-1082/201, 8-9=-805/156, 9-10=-14/497
BOT CHORD 2-19=-305/46, 18-19=-306/43, 17-18=-599/282, 16-17=0/540, 15-16=-25/987, 12-13=-436/57, 10-12=-436/57
WEBS 3-18=-444/348, 4-18=-1365/238, 4-17=-1/971, 6-17=-842/133, 6-16=0/621, 7-16=-487/238, 13-15=0/747, 8-13=-550/114, 9-13=-90/1269, 9-12=-1135/263

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=6.0psf; h=15ft; B=45ft; L=43ft; 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; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10, 12 except (jt=lb) 2=131, 18=104.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

February 11,2020

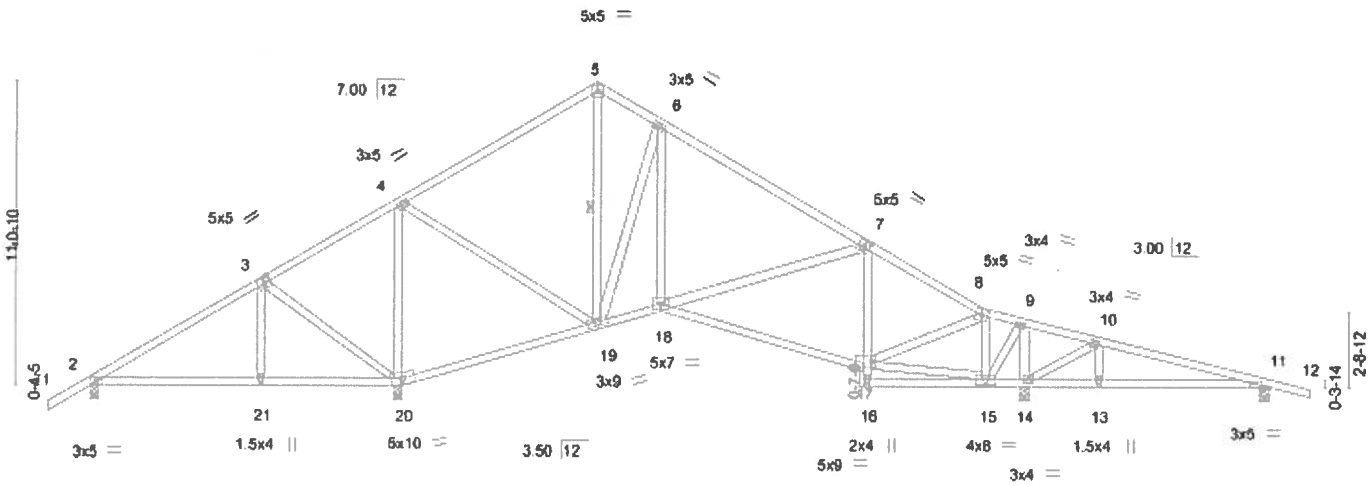
MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T19383692
Lot_25	A14	Roof Special	3	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:51 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-flfWweaHyA1Y5QF1L0ISIQ7lseRJsUARxlwdzmBYA

1-6-0	6-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	33-10-4	36-6-4	42-8-0	44-2-0
1-6-0	6-1-12	5-1-12	7-0-8	2-3-12	7-4-4	4-3-5	1-6-15	2-8-0	6-1-12	1-6-0

Scale = 1:83.8



6-1-12	11-1-12	11-3-8	18-4-0	20-7-12	28-0-0	32-3-5	33-10-4	36-6-4	42-8-0
6-1-12	5-0-0	0-1-12	7-0-8	2-3-12	7-4-4	4-3-5	1-6-15	2-8-0	6-1-12

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [7:0-2-8,0-3-0], [11:0-3-4,Edge], [17:0-6-12,0-2-8]

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	0.46	Vert(LL)	-0.10	17-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.21	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.03	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 256 lb	FT = 0%

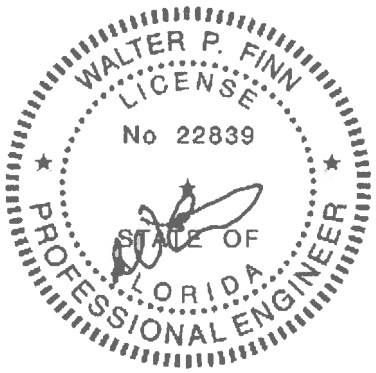
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 5-19

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=-201(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 14 except 2=-129(LC 12), 20=-103(LC 12), 11=-109(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=399(LC 21), 20=1616(LC 1), 11=299(LC 22), 14=1355(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-251/212, 3-4=-21/460, 4-5=-442/128, 5-6=-433/177, 6-7=-666/97, 7-8=-682/97, 9-10=-168/631
BOT CHORD 19-20=-424/250, 18-19=0/496, 17-18=0/627, 7-17=-322/118, 14-15=-607/261
WEBS 3-20=-440/347, 4-20=-1142/194, 4-19=0/749, 6-19=-665/85, 6-18=0/416, 8-17=-80/654, 8-15=-768/155, 9-15=-164/971, 9-14=-1019/184, 10-14=-648/459

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=6.0psf; h=15ft; B=45ft; L=43ft; 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; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14 except (jt=lb) 2=129, 20=103, 11=109.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

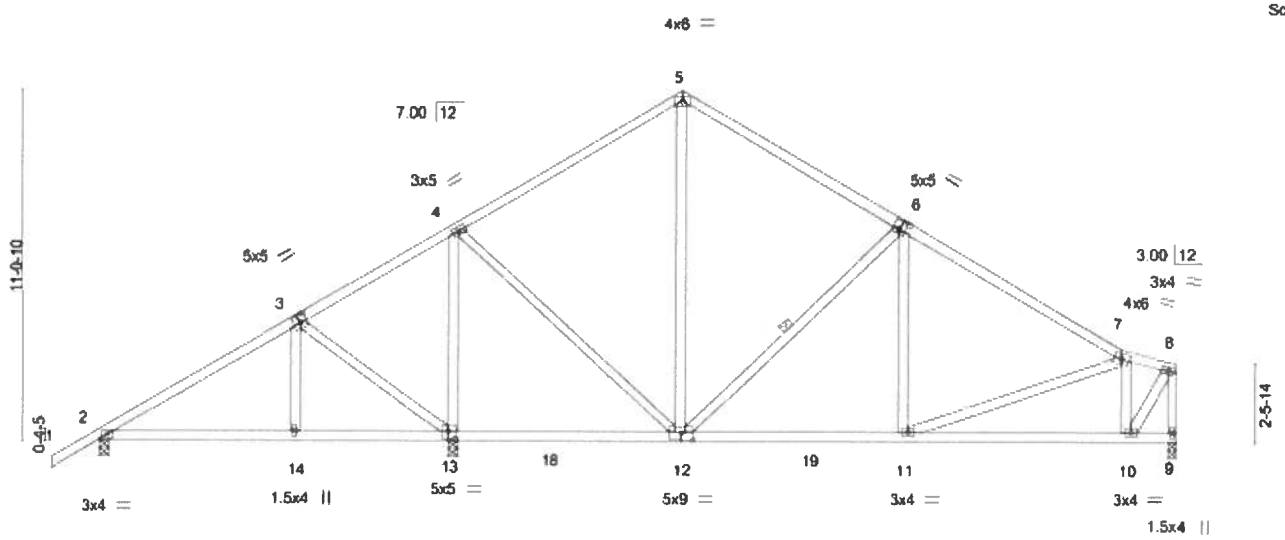
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383693
Lot_25	A15	Roof Special	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:53 2020 Page 1
ID:7mWDb30ta$9SBg2VS9QNY2zoYXp-7URFkGfC2FluAE7Sb2X6_zzISFwx2JvJfb2U9JzmBY9

-1-6-0	6-1-12	11-1-12	18-4-0	25-4-8	32-3-5	34-0-0
1-6-0	6-1-12	5-0-0	7-2-4	7-0-8	6-10-13	1-8-11

Scale = 1:73.0



6-1-12	11-1-12	18-4-0	25-4-8	32-3-5	34-0-0
6-1-12	5-0-0	7-2-4	7-0-8	6-10-13	1-8-11

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [6:0-2-8,0-3-4], [12:0-4-8,0-3-0], [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	0.46	Vert(LL)	0.06	14-17	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.11	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 208 lb	FT = 0%

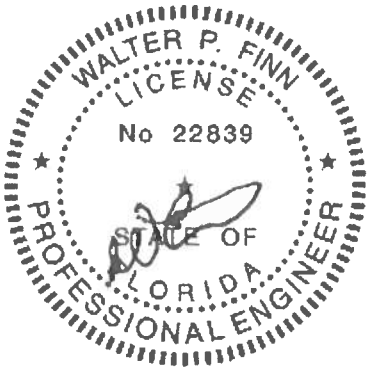
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 6-12

REACTIONS. (lb/size) 2=430/0-3-8, 13=1505/0-3-8, 9=863/0-3-8
Max Horz 2=227(LC 11)
Max Uplift 2=-114(LC 12), 13=-122(LC 12)
Max Grav 2=455(LC 21), 13=1505(LC 1), 9=863(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-358/183, 3-4=-88/252, 4-5=-574/195, 5-6=-550/200, 6-7=-952/180, 7-8=-526/102, 8-9=-885/102
BOT CHORD 11-12=-84/727, 10-11=-99/550
WEBS 3-13=-428/361, 4-13=-1126/313, 4-12=-72/665, 6-12=-544/195, 7-10=-676/196, 8-10=-128/942

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=6.0psf; h=15ft; B=45ft; L=34ft; 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; porch left 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 = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=114, 13=122.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

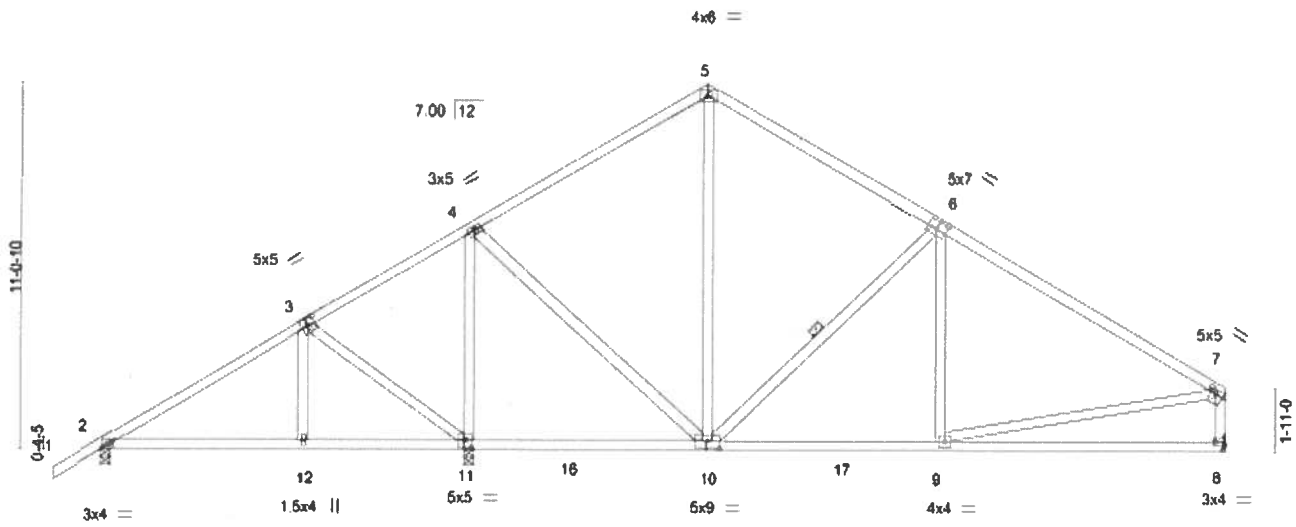
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383694
Lot_25	A16	Common	6	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:54 2020 Page 1
ID:7mWDb30tas9SBgZVS9QNY2zoYXp-4fY78yhSatYbPY9qjTZa4O2c13b6WDOc7vXbDCzmBY7

1-6-0	6-1-12	11-1-12	18-4-0	25-4-8	34-0-0
1-6-0	6-1-12	5-0-0	7-2-4	7-0-8	8-7-8

Scale = 1:69.8



6-1-12	11-1-12	18-4-0	25-4-8	34-0-0
6-1-12	5-0-0	7-2-4	7-0-8	8-7-8

Plate Offsets (X,Y)— [3:0-2-8,0-3-0], [6:0-3-8,0-3-0], [7:0-2-0,0-1-8], [8:Edge,0-1-8], [10:0-4-8,0-3-0], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.12	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.24	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 203 lb	FT = 0%

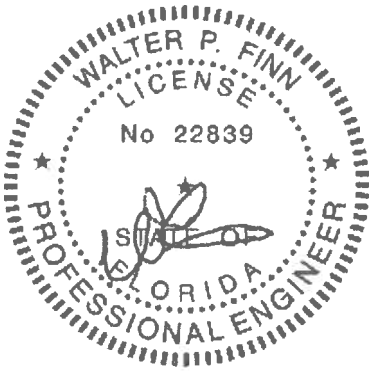
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 6-10

REACTIONS. (lb/size) 2=428/0-3-8, 11=1508/0-3-8, 8=862/Mechanical
Max Horz 2=224(LC 11)
Max Uplift 2=-116(LC 12), 11=-120(LC 12)
Max Grav 2=454(LC 21), 11=1508(LC 1), 8=864(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-355/188, 3-4=-72/260, 4-5=-571/197, 5-6=-552/205, 6-7=-986/172, 7-8=-784/162
BOT CHORD 9-10=-51/734
WEBS 3-11=-427/361, 4-11=-1128/305, 4-10=-62/664, 6-10=-565/200, 7-9=0/568

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=6.0psf; h=15ft; B=45ft; L=34ft; 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; porch left 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 = 10.0psf.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=116, 11=120.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



Walter P. Finn PE No.22839
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

February 11,2020

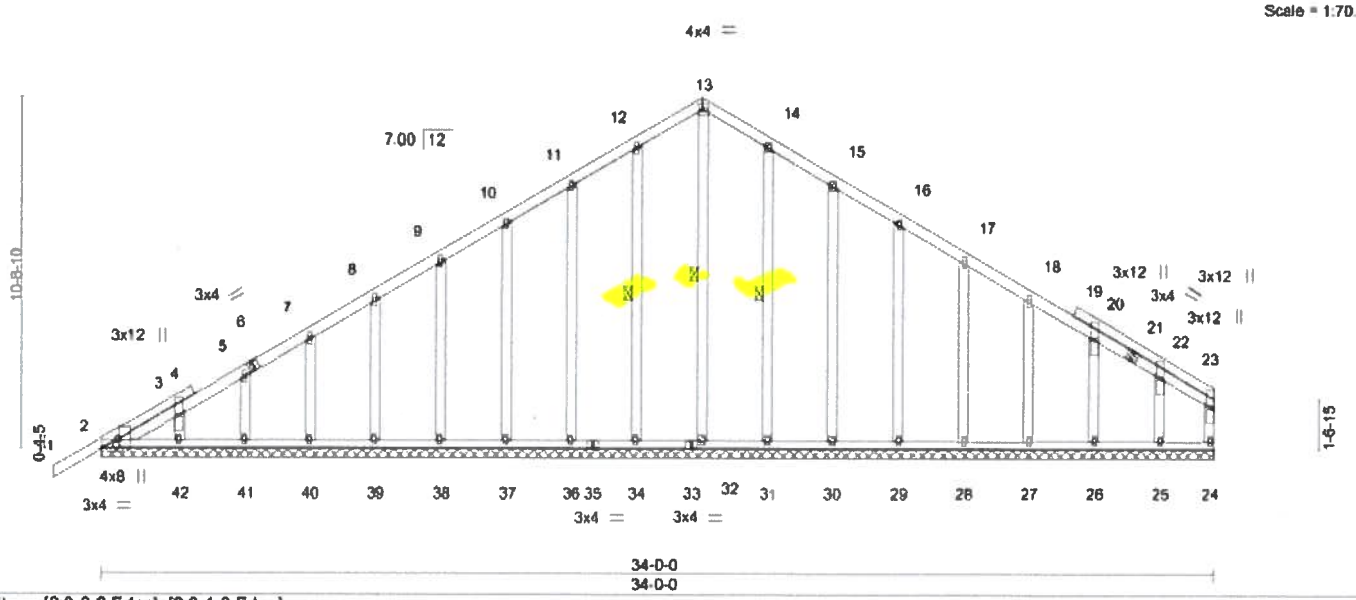
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	T19383695
Lot_25	A17GE	Common Supported Gable	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:00:55 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-Y36NMIh5LAgS1lk0GA5pcbbudT2uFrXmLZG8lezmBY6

1-6-0 18-4-0 34-0-0
1-6-0 18-4-0 15-8-0

Scale = 1:70.5



34-0-0
34-0-0

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-1-9,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	24	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 256 lb	FT = 0%

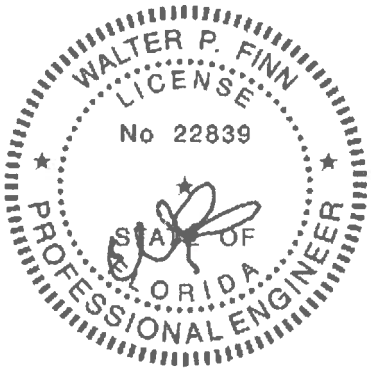
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 13-32, 12-34, 14-31

REACTIONS. All bearings 34-0-0.
(lb) - Max Horz 2=215(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 32, 34, 36, 37, 38, 39, 40, 41, 31, 30, 29, 28, 27, 26, 25
Max Grav All reactions 250 lb or less at joint(s) 24, 2, 32, 34, 36, 37, 38, 39, 40, 41, 42, 31, 30, 29, 28, 27, 26, 25

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 11-12=-251/288, 12-13=-287/331, 13-14=-287/331, 14-15=-251/288
WEBS 13-32=-266/172

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=6.0psf; h=15ft; B=45ft; L=34ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 1.5x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 32, 34, 36, 37, 38, 39, 40, 41, 31, 30, 29, 28, 27, 26, 25.



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6904 Parke East Blvd. Tampa FL 33610
Date:

February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383696
Lot_25	B1GE	Common Supported Gable	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:09 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-7lygl4st2URTjsoj57L5BYAH36q9XBMpaIftErzmBXu

-1-6-0 1-6-0 | 11-0-0 11-0-0 | 22-0-0 11-0-0 | 23-6-0 1-6-0

Scale: 1/4"=1"

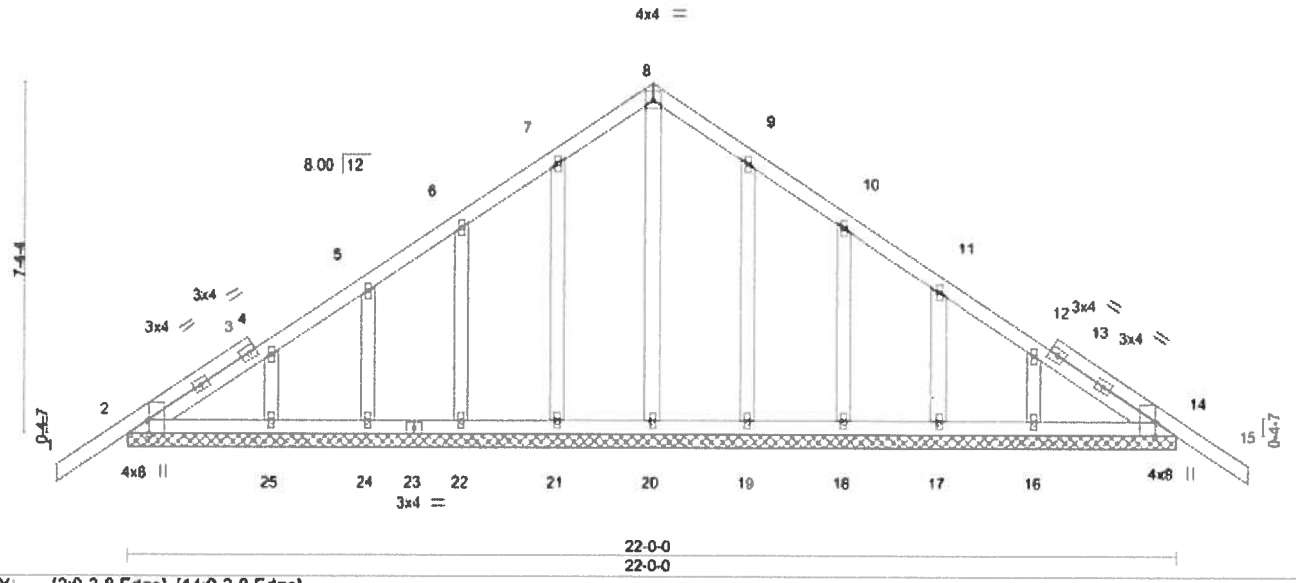


Plate Offsets (X,Y)— [2:0-3-8,Edge], [14:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	-0.01	15	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	15	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 137 lb	FT = 0%

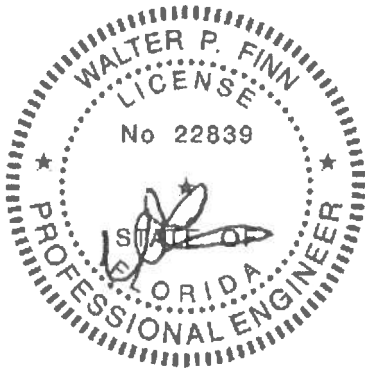
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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. All bearings 22-0-0.
(lb) - Max Horz 2=-147(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 21, 22, 24, 19, 18, 17
Max Grav All reactions 250 lb or less at joint(s) 2, 14, 20, 21, 22, 24, 25, 19, 18, 17, 16

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 1.5x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 21, 22, 24, 19, 18, 17.



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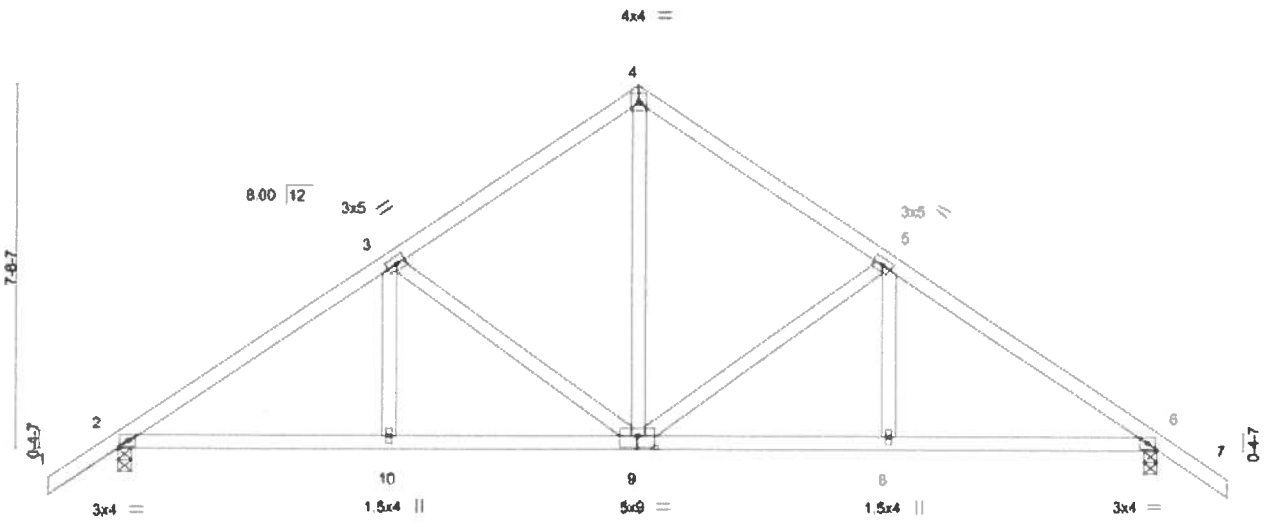
February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383697
Lot_25	B2	Common	6	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:10 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-cyW2VQfVpnZKK?NvfqsKjmjQgW5oGaCzoOPRmHzmBXt

-1-6-0 | 5-8-7 | 11-0-0 | 16-3-9 | 22-0-0 | 23-6-0
1-6-0 | 5-8-7 | 5-3-9 | 5-3-9 | 5-8-7 | 1-6-0

Scale = 1:48.9



5-8-7 | 11-0-0 | 16-3-9 | 22-0-0
5-8-7 | 5-3-9 | 5-3-9 | 5-8-7

Plate Offsets (X,Y)— [9:0-4-8,0-3-0]

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	0.28	Vert(LL)	-0.03	9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.08	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 118 lb	FT = 0%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=970/0-3-8, 6=970/0-3-8
Max Horz 2=154(LC 11)
Max Uplift 2=-37(LC 12), 6=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1284/214, 3-4=-894/227, 4-5=-894/227, 5-6=-1284/214
BOT CHORD 2-10=-54/1004, 9-10=-54/1004, 8-9=-62/1004, 6-8=-62/1004
WEBS 4-9=-112/629, 5-9=-464/155, 3-9=-464/155

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=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383698
Lot_25	B3	Common	3	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:11 2020 Page 1
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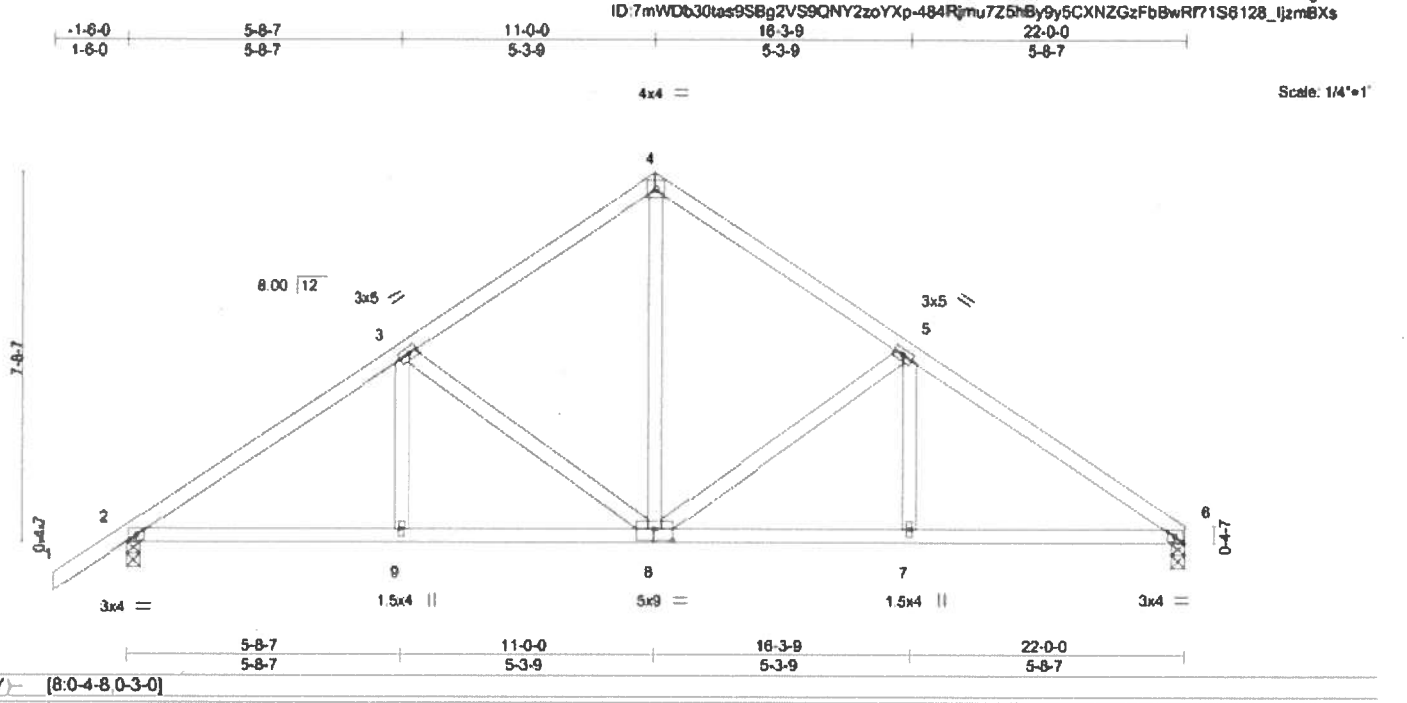


Plate Offsets (X,Y)— [8:0-4-8,0-3-0]

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	0.30	Vert(LL)	-0.04	7-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.08	7-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 115 lb	FT = 0%

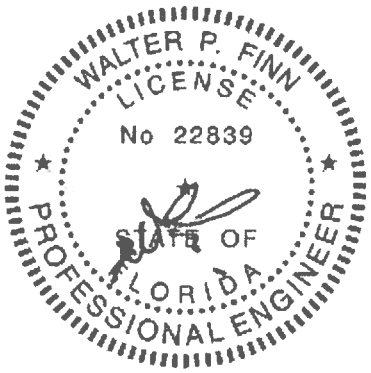
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 6=877/0-3-8, 2=973/0-3-8
Max Horz 2=148(LC 11)
Max Uplift 2=-39(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1289/220, 3-4=-899/232, 4-5=-900/233, 5-6=-1283/226
BOT CHORD 2-9=-98/1008, 8-9=-98/1008, 7-8=-105/1021, 6-7=-105/1021
WEBS 4-8=-120/836, 5-8=-461/164, 3-8=-465/156

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=6.0psf; h=15ft; B=45ft, L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383699
Lot_25	C1GE	Common Supported Gable	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:12 2020 Page 1
ID:7mWDb30tas9SBgZVS9QNY2zoYXp-YKepw6vfKPp2aJXImFuooBooJJsAkZaGGiuYr9zmBXr

-1-6-0 | 6-4-0 | 12-8-0 | 14-2-0
1-6-0 | 6-4-0 | 6-4-0 | 1-6-0

4x4 =

Scale = 1:27.5

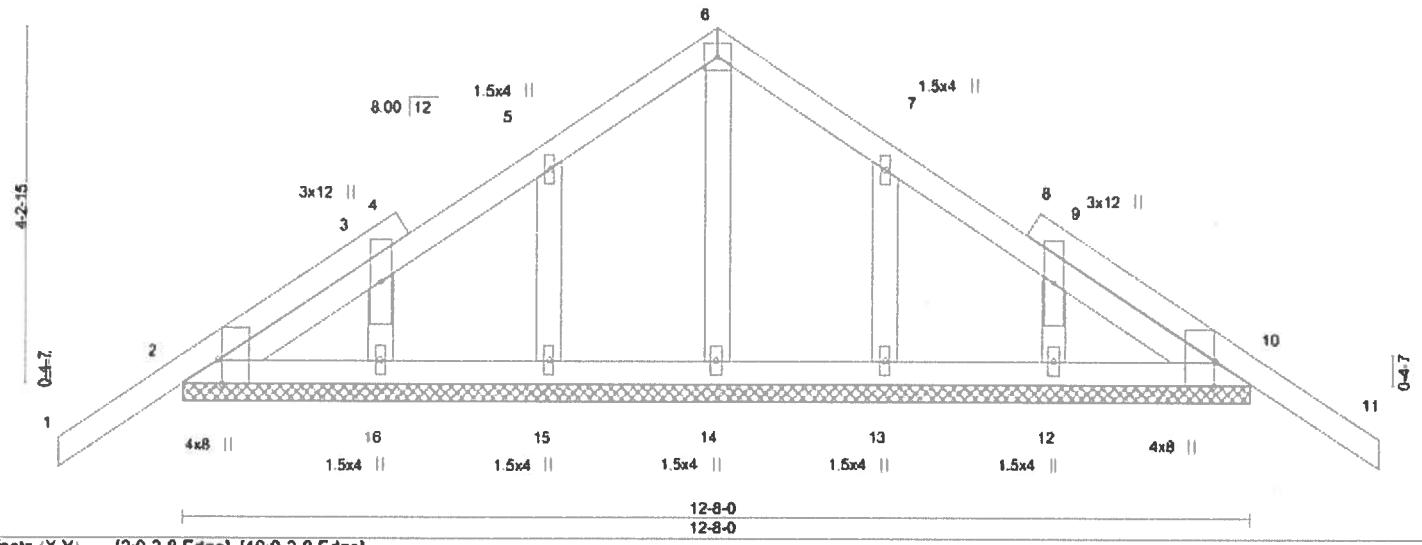


Plate Offsets (X,Y)— [2:0-3-8,Edge], [10:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 70 lb	FT = 0%

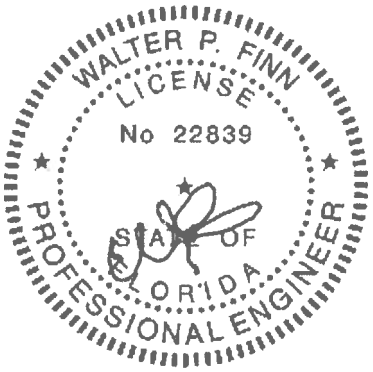
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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. All bearings 12-8-0.
(lb) - Max Horz 2=90(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 15, 13
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 15, 13.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.



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Date:

February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383700
Lot_25	C2	Common	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:13 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-0XCB8SvN5ixvBT6UKyP1LOLwfj8nT7DPUMd5NczmBXq

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1-6-0 6-4-0 6-4-0 1-6-0

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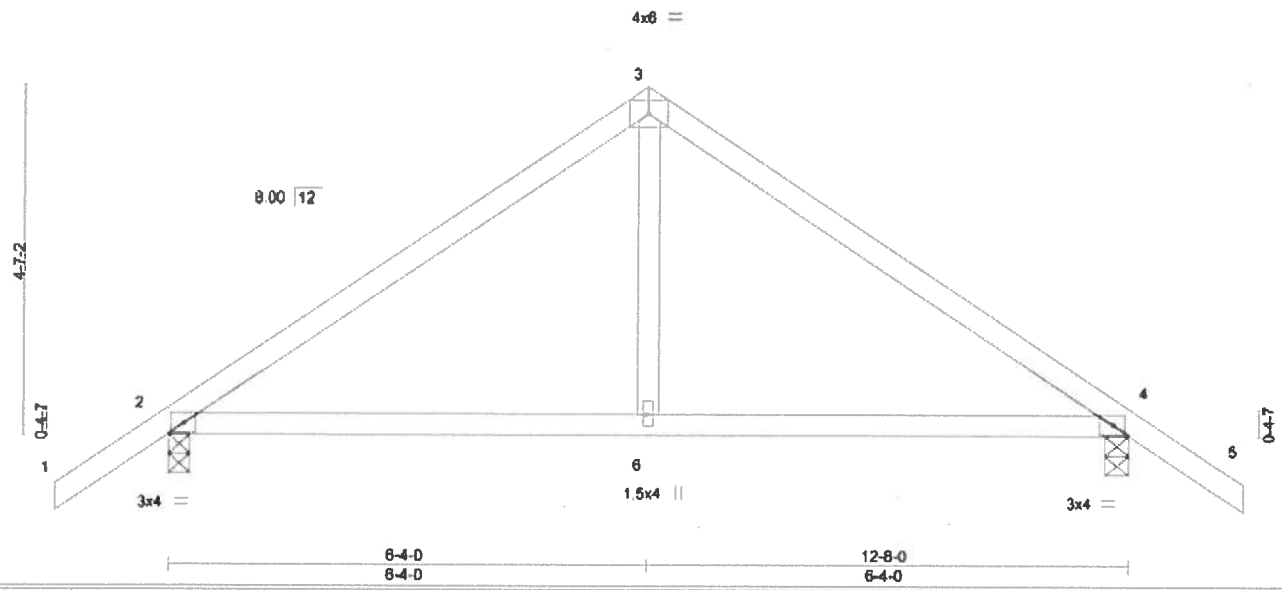


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.36	Vert(LL)	-0.04	6-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.08	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 53 lb	FT = 0%

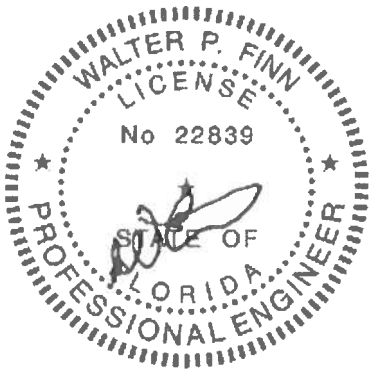
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=597/0-3-8, 4=597/0-3-8
Max Horz 2=-96(LC 10)
Max Uplift 2=-37(LC 12), 4=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-603/117, 3-4=-603/117
BOT CHORD 2-6=0/426, 4-6=0/426
WEBS 3-6=0/289

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=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	T19383701
Lot_25	C3	Common	3	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:14 2020 Page 1
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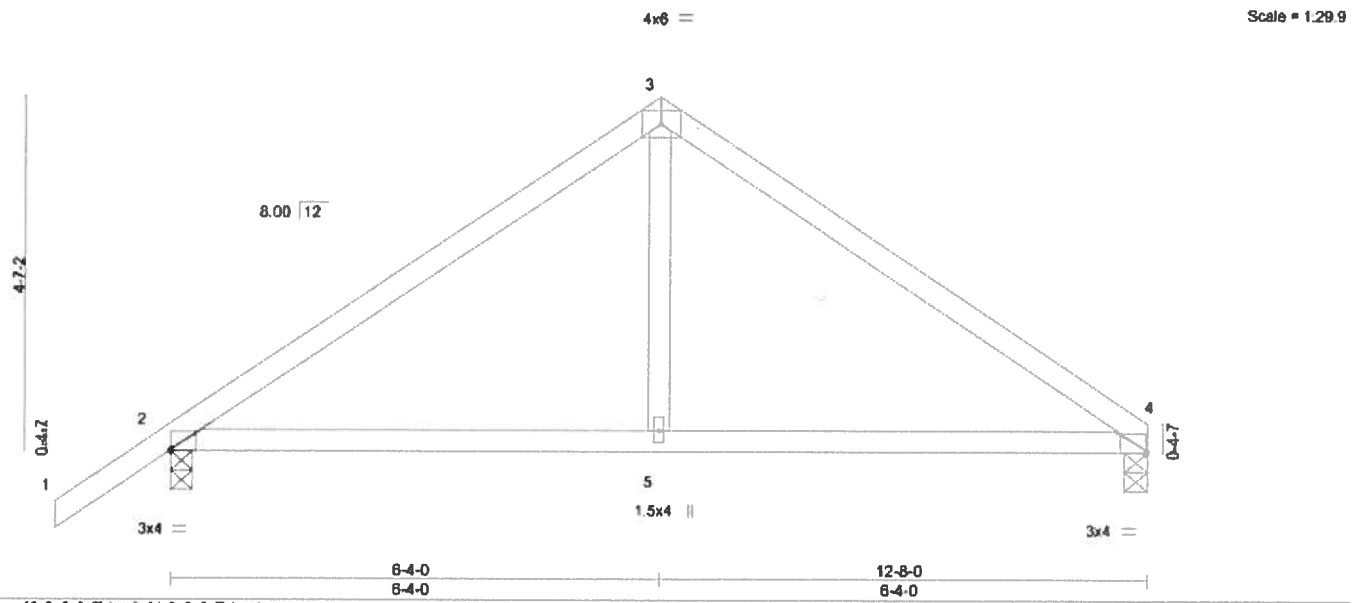


Plate Offsets (X,Y)— [2:0-0-3,Edge], [4:0-0-3,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.05	5-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.09	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 51 lb	FT = 0%

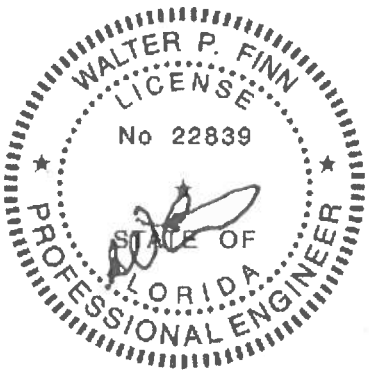
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 4=501/0-3-8, 2=602/0-3-8
Max Horz 2=91(LC 11)
Max Uplift 2=-40(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-616/130, 3-4=-613/129
BOT CHORD 2-5=-8/437, 4-5=-8/437
WEBS 3-5=0/291

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=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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February 11,2020

Job	Truss	Truss Type	Qty	Ply	T19383702
Lot_25	C4	Common	2	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:15 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-yvJxZ8xddKBdRnGsRNSVQpQFhXn3xvhwg6CSUzmBXo

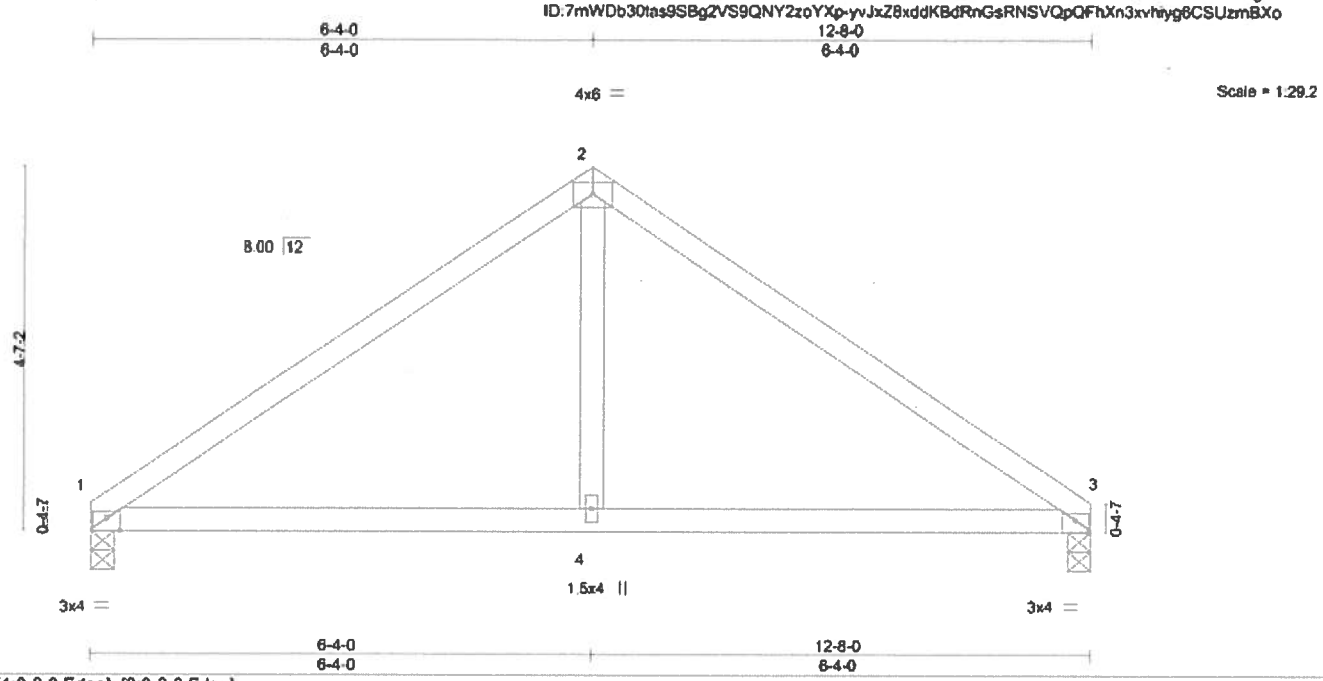

Plate Offsets (X,Y)— [1:0-2-0,Edge], [3:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.05	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.09	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 48 lb	FT = 0%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 1=507/0-3-8, 3=507/0-3-8
Max Horz 1=78(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-626/136, 2-3=-626/136
BOT CHORD 1-4=-14/449, 3-4=-14/449
WEBS 2-4=0/294

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=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Job	Truss	Truss Type	Qty	Ply	T19383703
Lot_25	C5GIR	Common Girder	1	2	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:16 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-Q6tKmUyGOdJU2w375zkz1zRSx18gICrBKsI_xzmBXn

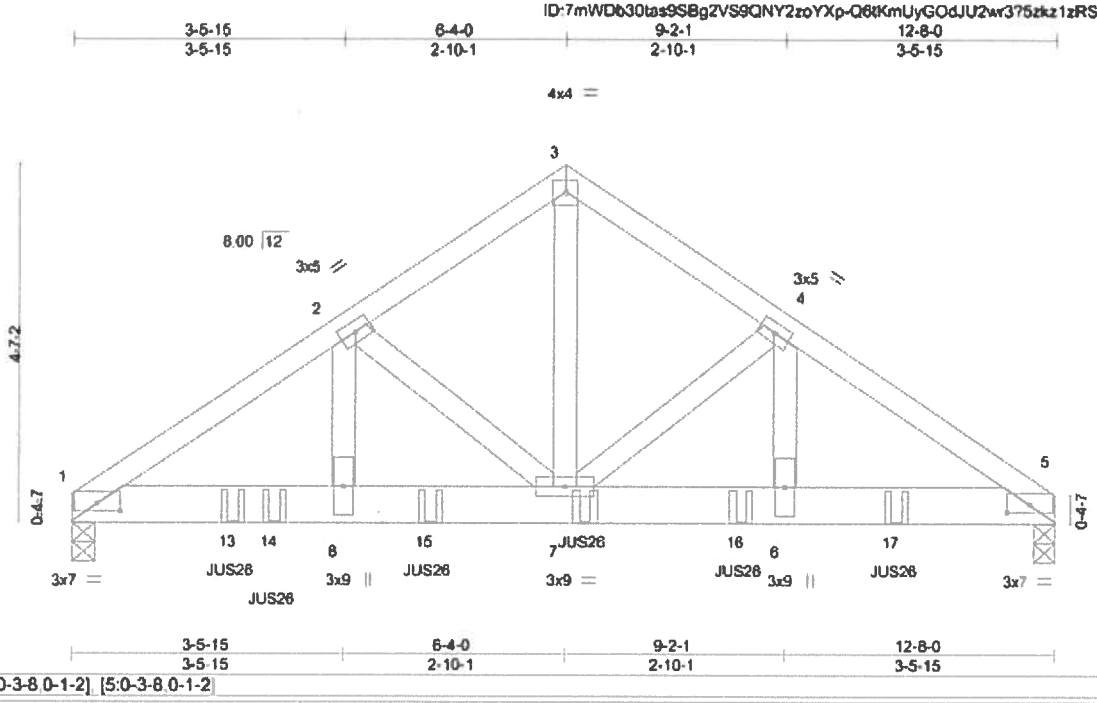


Plate Offsets (X,Y)— [1:0-3-8,0-1-2], [5:0-3-8,0-1-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	-0.04	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.08	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.37	Horz(CT)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 148 lb	FT = 0%

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

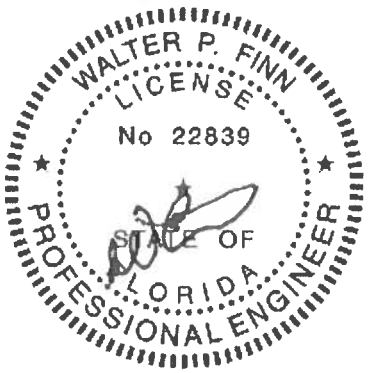
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=3239/0-3-8, 5=2816/0-3-8
Max Horz 1=-78(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4912/0, 2-3=-3164/0, 3-4=-3162/0, 4-5=-4405/0
BOT CHORD 1-8=0/4080, 7-8=0/4080, 6-7=0/3648, 5-6=0/3648
WEBS 3-7=0/3273, 4-7=-1358/0, 4-6=0/1363, 2-7=-1914/0, 2-8=0/1974

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 0-8-0 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=6.0psf; h=15ft; 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
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) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-0-12 from the left end to 10-7-4 to connect truss(es) to front face of bottom chord.
8) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-60, 3-5=-60, 1-5=-20
Concentrated Loads (lb)
Vert: 7=-840(F) 13=-840(F) 14=-840(F) 15=-840(F) 16=-840(F) 17=-840(F)



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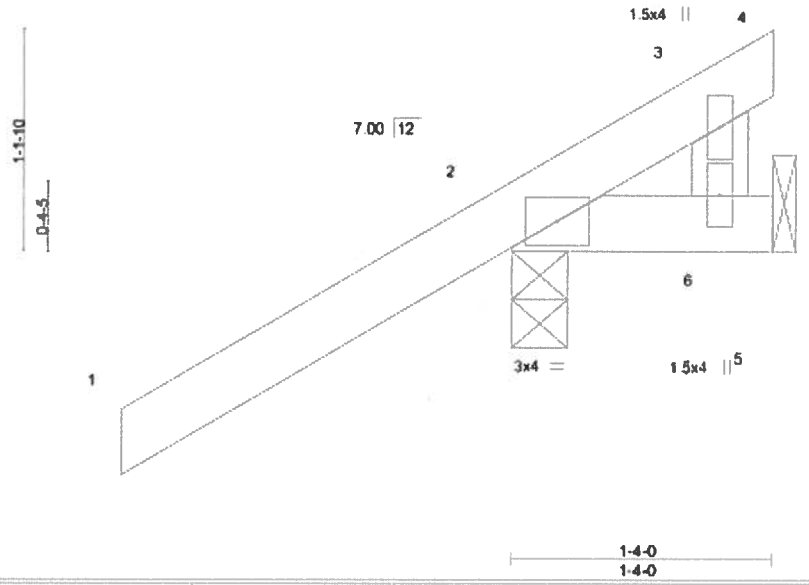
Job	Truss	Truss Type	Qty	Ply	T19383704
Lot_25	J01	Jack-Closed	3	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:17 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-ulRizpyu9xRLg4PFZoUzVEVcCKYrPqD?P_bIWNzmBXm

-2-0-0 2-0-0 | 1-4-0 1-4-0

Scale: 1"=1'



1-4-0 1-4-0

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	0.26	Vert(LL)	0.00	9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 9 lb	FT = 0%

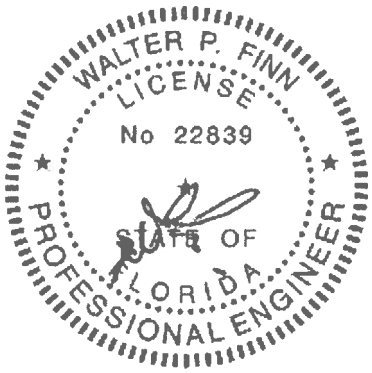
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=263/0-3-8, 5=-47/Mechanical
Max Horz 2=48(LC 12)
Max Uplift 2=-102(LC 12), 5=-47(LC 1)
Max Grav 2=263(LC 1), 5=53(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; 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) 5 except (jt=lb) 2=102.



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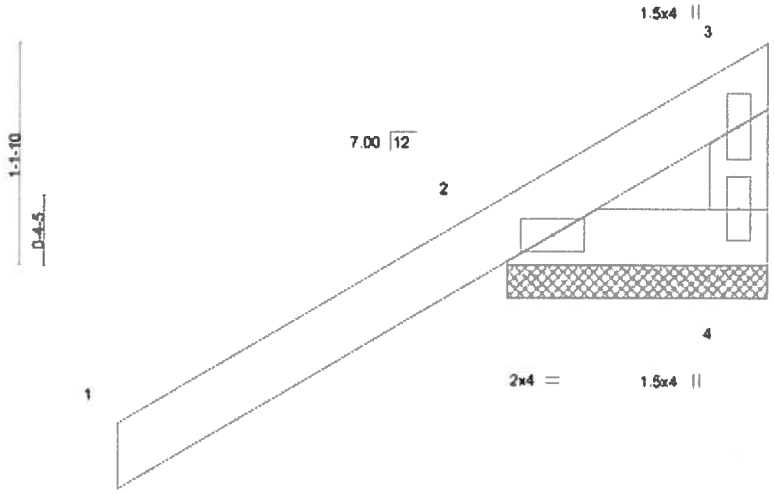
Job	Truss	Truss Type	Qty	Ply	T19383705
Lot_25	M01	Monopitch Supported Gable	2	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Tue Feb 11 14:01:18 2020 Page 1
ID:7mWDb30tas9SBg2VS9QNY2zoYXp-NU74B9zWwFZBIE_R7W?C2R2nykvx8HT8eeLs2pzmBXI

-2-0-0 1-4-0
2-0-0 1-4-0

Scale: 1"=1'



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.01	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 9 lb	FT = 0%

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

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

REACTIONS. (lb/size) 4=-54/1-4-0, 2=269/1-4-0
Max Horz 2=44(LC 12)
Max Uplift 4=-54(LC 1), 2=-109(LC 12)
Max Grav 4=60(LC 12), 2=269(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=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
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) 4 except (jt=lb) 2=109.

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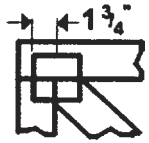
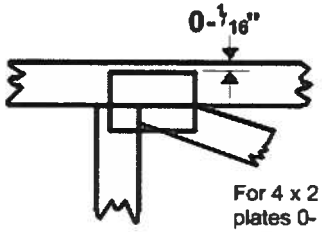
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

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

PLATE SIZE

4 x 4

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

LATERAL BRACING LOCATION

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

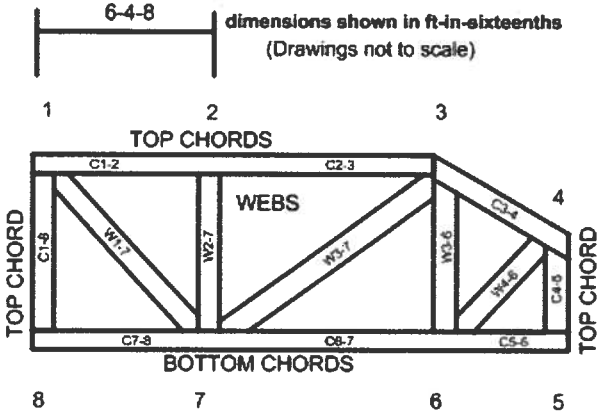
BEARING

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

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

MiTek®

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.