DATE 05/10/2018

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT
000036714

APPLICANT MAX BASS PHONE 386-364-7530

ADDRESS 3883 COUNTY RD 49 OBRIEN FL 32071

OWNER ERIC & JANETTE HAGLER PHONE 386-965-7323

ADDRESS 387 SW SELLERS WAY LAKE CITY FL 32025

CONTRACTOR MAX BASS PHONE 386-364-7530

LOCATION OF PROPERTY 441 SOUTH, R HILLCREST ST, R SELLERS WAY, 1ST ON RIGHT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 181150.00

HEATED FLOOR AREA 2460.00 TOTAL AREA 3623.00 HEIGHT STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH FLOOR SLAB

LAND USE & ZONING AG-3 MAX. HEIGHT 35

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

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

PARCEL ID 28-4S-17-08802-000 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES 10.00

000002597		RR2811195		
Culvert Permit No.	Culvert Waiver	Contractor's License Number		Applicant/Owner/Contractor
WAIVER	18-0347	LN	TC	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

Time/STUP No.

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2718

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

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

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

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

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

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

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

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

BUILDING PERMIT FEE $ 910.00 CERTIFICATION FEE $ 18.12 SURCHARGE FEE $ 18.12

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

PLAN REVIEW FEE $ 228.00 DP & FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 1249.24

INSPECTORS OFFICE CLERKS OFFICE

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

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

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

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

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

Clk# 2718

Columbia County New Building Permit Application

For Office Use Only Application # 1804-102 Date Received 4/25 By [illegible] Permit # 25971/36714

Zoning Official LN Date 5-9-18 Flood Zone X Land Use A Zoning A3

FEMA Map # _____ Elevation _____ MFE 1' above road River _____ Plans Examiner JC Date 5-9-18

Comments _____

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

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

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

Septic Permit No. 18-0347 OR City Water Fax _____

Applicant (Who will sign/pickup the permit) Max L Boss Phone 386-364-7530

Address 23883 CR 49 OBrien, Fl. 32071

Owners Name Eric & Jonelle Hagler Phone 386-965-7323

911 Address 387 SW Sellers Way Lake City Fl 32025

Contractors Name Max L. Boss Phone 386-364-7530

Address 23883 CR 49 OBrien Fl 32071

Contractor Email mlboss7@gmail.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Mark Disosway 163 SW Midtown Pl #103 LC Fl

Mortgage Lenders Name & Address First Fed Bnk 4705 US Hwy 90 W LC Fl

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

Property ID Number 28-4S-17-08802-000 Estimated Construction Cost 217,380.

Subdivision Name _____ Lot ____ Block ____ Unit ____ Phase ____

Driving Directions from a Major Road S on 41 7 mi to Hillcust ST TR property on R

Construction of Wood Frame ____ Commercial OR ✓ Residential

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

Is the Building Fire Sprinkled? ____ 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 600' Side 160' Side 125' Rear 250

Number of Stories 2 Heated Floor Area 2460 Total Floor Area 3623 Acreage 10

Applications applied for (Site & Development Plan, Special Exception, etc.) JW sent email 4.26.18

JW sent email 4.26.18 & 5.8.18 (follow up) & 5.9.18

Laurie Hodson

From: Laurie Hodson
Sent: Thursday, May 17, 2018 10:05 AM
To: 'Max Bass'
Subject: 2597 Waiver permit Failed.pdf
Attachments: 2597 Waiver permit Failed

Max,
The Public Works Inspector Failed the Waiver and said you must have a culvert at this location. See the permit attached and any questions you can contact David McCormick at 386-758-1019. This means we need to issue a Culvert Permit, we can use the same information but there is a $25.00 fee that needs to be brought into the Building Department and we will issue you the Culvert Permit. No permanent power can be issued until the culvert issue has been completed and installed per the Public Works specifications.
Thank you,

Laurie Hodson
Laurie Hodson, Office Manager
Columbia County Building & Zoning Department
135 NE Hernando Ave, Suite B-21,
Lake City, FL 32055
Office: (386) 758-1007
Fax: (386) 758-2160
www.columbiacountyfla.com
laurie_hodson@columbiacountyfla.com

Columbia County Property Appraiser

Jeff Hampton

2017 Tax Roll Year
updated: 4/24/2018

Parcel: << **28-4S-17-08802-000** >>

Owner & Property Info

Result: 31 of 45

Owner	**SHAW RAY & DOTTIE L** 593 SW DUCKETT CT LAKE CITY, FL 32024		
Site	379 SELLERS WAY,		
Description*	BEG AT SE COR OF NW1/4 OF SE1/4, RUN N 865.39 FT, SW 200 FT, SE 100 FT, SW 584.02 FT, S 471.52 FT TO S LINE OF NW1/4 OF SE1/4, E 667.53 FT TO POB, EX GRADED RD. ORB 812-1353, 1020-640, WD 1020-642.		
Area	10.5 AC	S/T/R	28-4S-17
Use Code**	TIMBERLAND (005500)	Tax District	2

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

Property & Assessment Values

2017 Certified Values		2018 Working Values	
Mkt Land (0)	$0	Mkt Land (0)	$0
Ag Land (1)	$3,864	Ag Land (1)	$3,864
Building (0)	$0	Building (0)	$0
XFOB (0)	$0	XFOB (0)	$0
Just	$42,589	Just	$46,848
Class	$3,864	Class	$3,864
Appraised	$3,864	Appraised	$3,864
SOH Cap [?]	$0	SOH Cap [?]	$0
Assessed	$3,864	Assessed	$3,864
Exempt	$0	Exempt	$0
Total Taxable	county:$3,864 city:$3,864 other:$3,864 school:$3,864	Total Taxable	county:$3,864 city:$3,864 other:$3,864 school:$3,864

Aerial Viewer | Pictometery | Google Maps

2016 | 2013 | 2010 | 2007 | 2005 | 2004 | 1999 | Sales

Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
6/29/2004	$80,000	1020/0642	WD	V	U	09
4/30/2004	$45,000	1015/0267	TD	V	Q	

Building Characteristics

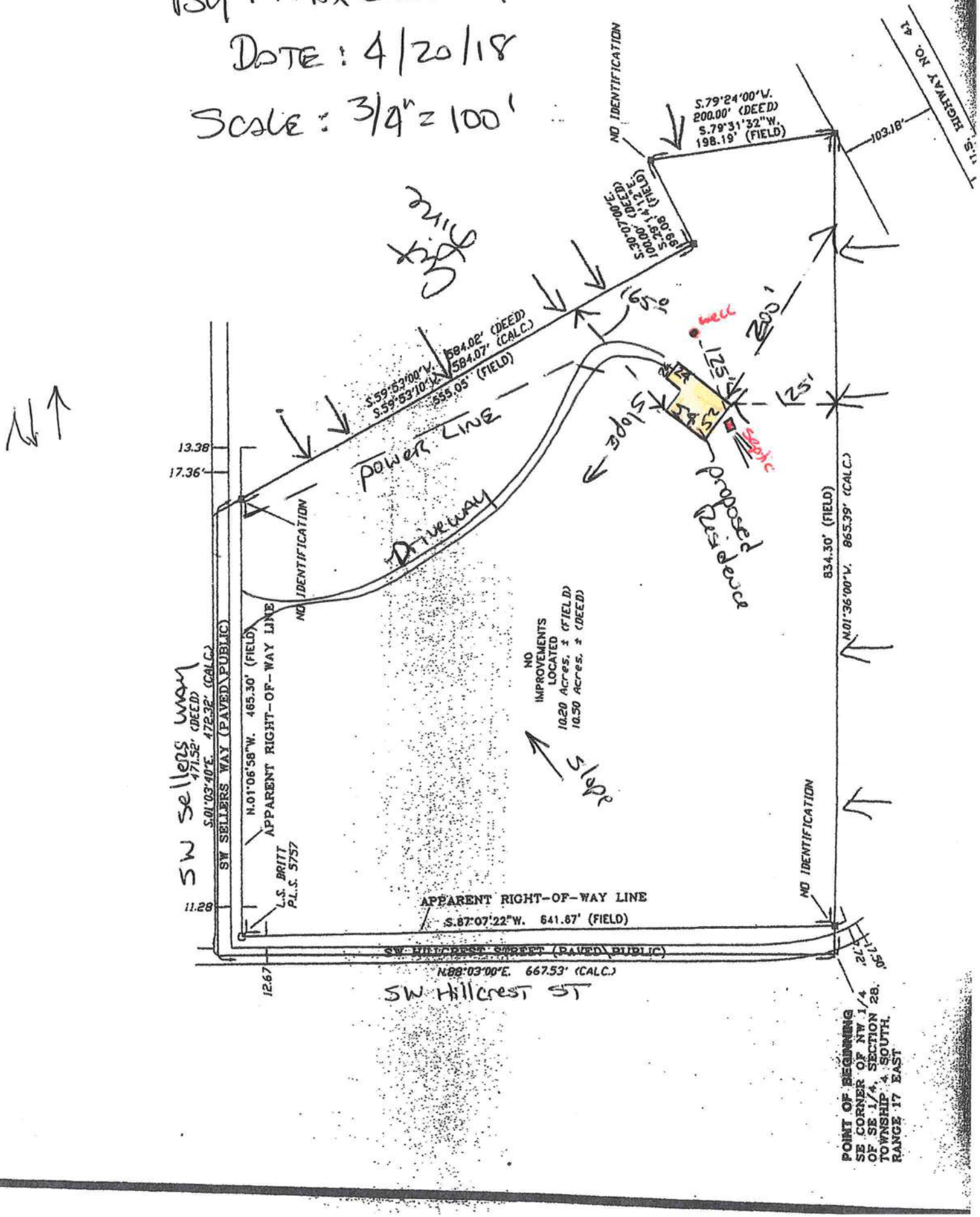
Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
NONE						

SITE PLAN FOR: Eric + Janette Hagler

BY: Max L. Bass / B & B Homes

DATE: 4/20/18

SCALE: 3/4" = 100'



Prepared by and return to:
Elaine R. Davis

Home Town Title of North Florida
2744 US Highway 90 West
Lake City, FL 32055
386-754-7175
File Number: **2004-381**
Will Call No.:

Parcel Identification No. **R08802-000**

Inst:2004015720 Date:07/07/2004 Time:12:09
Doc Stamp-Deed : 560.00
DC,P.DeWitt Cason,Columbia County B:1020 P:642

[Space Above This Line For Recording Data]

Warranty Deed

(STATUTORY FORM - SECTION 689.02, F.S.)

This Indenture made this **29th** day of **June, 2004** between **Matthew S. Simpson and Lori G. Simpson, husband and wife** whose post office address is **1262 SW Wendy Terrace, Lake City, FL 32025** of the County of **Columbia**, State of **Florida**, grantor*, and **Ray Shaw and Dottie L. Shaw, husband and wife** whose post office address is **17909 10th Terrace, Live Oak, FL 32060** of the County of **Suwannee**, State of **Florida**, grantee*,

Witnesseth that said grantor, for and in consideration of the sum of TEN AND NO/100 DOLLARS ($10.00) and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained, and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in **Columbia County, Florida**, to-wit:

COMMENCE AT THE SOUTHEAST CORNER OF THE NW1/4 OF THE SE1/4 OF SECTION 28, TOWNSHIP 4 SOUTH, RANGE 17 EAST, AND RUN THENCE NORTH 01°36' WEST, ALONG THE EAST LINE OF SAID NW1/4 OF THE SE1/4, 865.39 FEET, RUN THENCE SOUTH 79°24' WEST, 200 FEET, THENCE RUN SOUTH 30°07' EAST, 100 FEET, THENCE RUN SOUTH 59° 53' WEST, 584.02 FEET, THENCE RUN SOUTH 01°03'40" EAST, 471.52 FEET, TO THE SOUTH LINE OF SAID NW1/4 OF THE SE1/4, THENCE RUN NORTH 88°03' EAST, ALONG SAID SOUTH LINE, 667.53 FEET TO THE POINT OF BEGINNING, LESS AND EXCEPT RIGHT OF WAY FOR GRADED ROAD ACROSS THE SOUTH SIDE THEREOF.

Parcel #08802-000

NB:NO MOBILE HOMES PERMITTED ON PROPERTY,
HOUSE MUS BE AT LEAST 1400 SQ. FEET HEATED AND COLDED.

and said grantor does hereby fully warrant the title to said land, and will defend the same against lawful claims of all persons whomsoever.

* "Grantor" and "Grantee" are used for singular or plural, as context requires.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

...verse to the title to the estate or interest, as insured, ... (i) the Amount of Insurance stated in Schedule A; Company.

First American Title Insurance Company

OWNER'S POLICY

Schedule A

Policy No.:	Effective Date:	Agent's File Reference:
FA-35-11115372	July 7, 2004 @ 12:09 PM	2004-381

Amount of Insurance: $80,000.00

1. Name of Insured: Ray Shaw and Dottie L. Shaw, husband and wife

2. The estate or interest in the land described herein and which is covered by this policy is a fee simple (if other, specify same) and is at the effective date hereof vested in the named insured as shown by instrument recorded in Official Records Book 1020, Page 642, of the Public Records of Columbia County, Florida.

3. The land referred to in this policy is described as follows:

COMMENCE AT THE SOUTHEAST CORNER OF THE NW1/4 OF THE SE1/4 OF SECTION 28, TOWNSHIP 4 SOUTH, RANGE 17 EAST, AND RUN THENCE NORTH 01°36' WEST, ALONG THE EAST LINE OF SAID NW1/4 OF THE SE1/4, 865.39 FEET, RUN THENCE SOUTH 79°24' WEST, 200 FEET, THENCE RUN SOUTH 30°07' EAST, 100 FEET, THENCE RUN SOUTH 59° 53' WEST, 584.02 FEET, THENCE RUN SOUTH 01°03'40" EAST, 471.52 FEET, TO THE SOUTH LINE OF SAID NW1/4 OF THE SE1/4, THENCE RUN NORTH 88°03' EAST, ALONG SAID SOUTH LINE, 667.53 FEET TO THE POINT OF BEGINNING, LESS AND EXCEPT RIGHT OF WAY FOR GRADED ROAD ACROSS THE SOUTH SIDE THEREOF.

Agent No.: **FL 408-1468 A**

Issuing Agent:

Home Town Title of North Florida
2744 US Highway 90 West
Lake City, FL 32055

Agent's Signature

Signed, sealed and delivered in our presence:

Elaine R. Davis

Witness Name: _____

Matthew S. Simpson (Seal)

Dana Drummond

Witness Name: Tina Smelgaard

Lori G. Simpson (Seal)

Lori G. Simpson

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 29 day of June, 2004 by Matthew S. Simpson and Lori G. Simpson, who [_] are personally known or [X] have produced a driver's license as identification.

[Notary Seal]

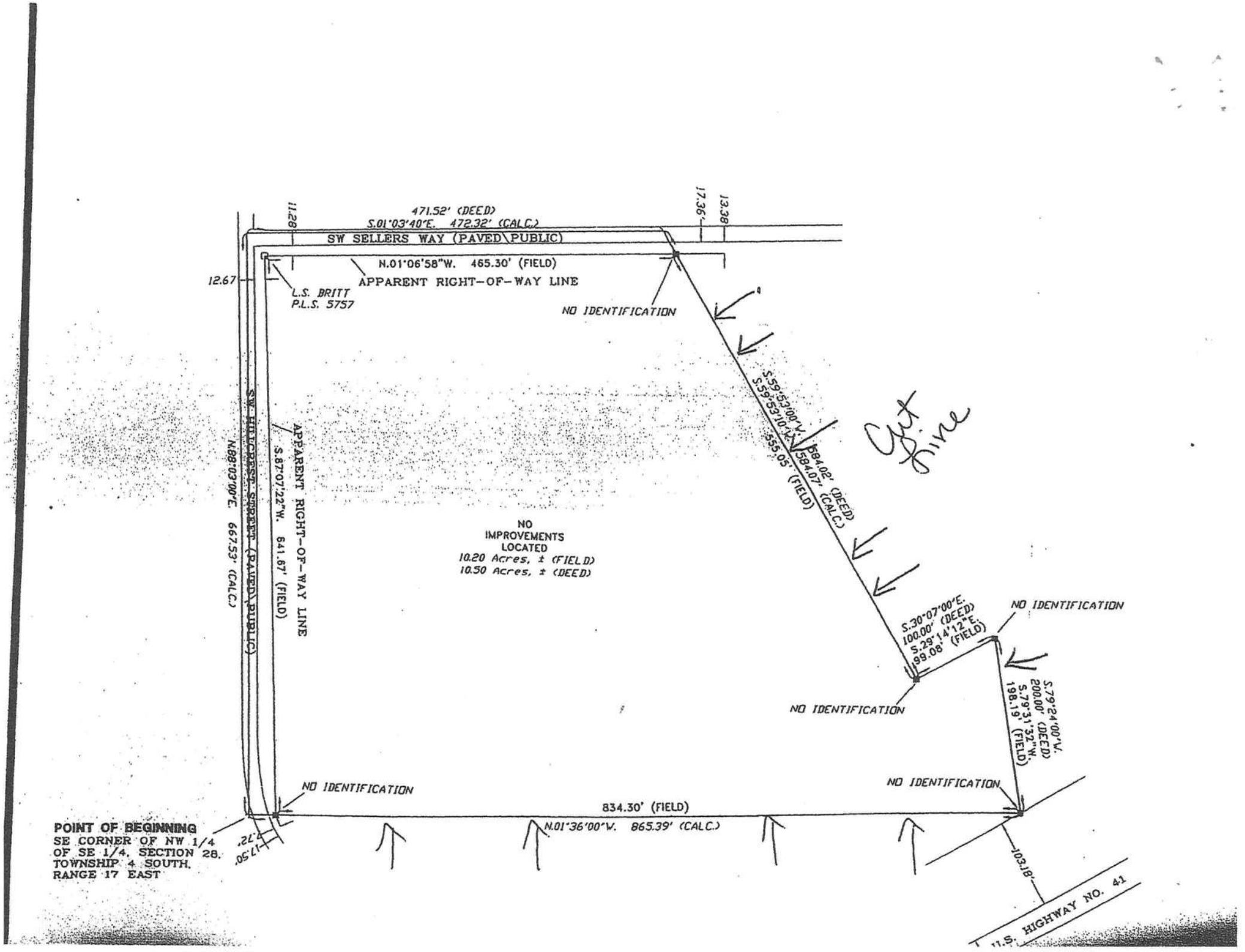
Elaine R. Davis
Notary Public

Printed Name: Elaine R. Davis

My Commission Expires: October 14, 2007

My Commission Expires Oct 14, 2007
Commission # DD 223411
Bonded By National Notary Assn.

Inst:2004015720 Date:07/07/2004 Time:12:09
Doc Stamp-Deed : 560.00
_____DC,P.DeWitt Cason,Columbia County B:1020 P:643


471.52' (DEED)
S.01°03'40"E. 472.32' (CALC.)
SW SELLERS WAY (PAVED\PUBLIC)
11.28
17.36'
13.38'
N.01°06'58"W. 465.30' (FIELD)
APPARENT RIGHT-OF-WAY LINE
12.67
L.S. BRITT
P.L.S. 5757
NO IDENTIFICATION
S.59°53'00"W.
S.59°53'10"W.
584.02' (DEED)
584.07' (CALC.)
555.05' (FIELD)
Cut Line
NO
IMPROVEMENTS
LOCATED
10.20 Acres, ± (FIELD)
10.50 Acres, ± (DEED)
APPARENT RIGHT-OF-WAY LINE
S.87°07'22"W. 641.67' (FIELD)
S.W. HILLCREST STREET (PAVED\PUBLIC)
N.88°03'00"E. 667.53' (CALC.)
S.30°07'00"E.
100.00' (DEED)
S.29°14'12"E.
99.08' (FIELD)
NO IDENTIFICATION
S.79°24'00"W.
200.00' (DEED)
S.79°31'32"W.
198.19' (FIELD)
NO IDENTIFICATION
NO IDENTIFICATION
NO IDENTIFICATION
834.30' (FIELD)
N.01°36'00"W. 865.39' (CALC.)
17.50'
.27'
POINT OF BEGINNING
SE CORNER OF NW 1/4
OF SE 1/4, SECTION 28,
TOWNSHIP 4 SOUTH,
RANGE 17 EAST
103.18'
U.S. HIGHWAY NO. 41

This Document Prepared By:
Name: Angie Osborne
First Federal Bank of Florida
4705 US Hwy 90 West
Lake City, FL 32055

Inst: 201812006819 Date: 04/06/2018 Time: 4:36PM
Page 1 of 3 B: 1357 P: 939, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF **COLUMBIA**

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

1. Description of Property: **See Exhibit A**

2. General Description of improvement: **Construction of Residential Single Family Home**

3. Owner Information:
   Name and Address: **Eric C Hagler, Janette F Hagler**
   185 SW Arrowhead Ter Lot 34 Casey Jones Campground, Lake City, FL 32024
   Interest in property: [X] Fee Simple
   Name and address of fee simple title holder (if other than Owner): [ ]

4. Contractor (name and address): **B&B Homes New Home Builders, Inc**
   23883 CR 49 O'Brien, Florida 32071

5. Surety:

6. Lender **First Federal Bank of Florida**
   4705 US Hwy 90 West
   Lake City, FL 32055
   (877) 499-0572

7. Persons 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: [ ]

8. In addition to himself, Owner designates First Federal Bank of Florida, 4705 West Hwy 90/P.O. Box 2029, Lake City Florida 32056 to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statues.

9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART 1, SECTION 713.13, FLORIDA STATUTES AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY, A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OF RECORDING YOUR NOTICE OF COMMENCEMENT.

Eric C. Hagler (Seal)
Borrower - **Eric C Hagler**

Janette F Hagler (Seal)
Borrower - **Janette F Hagler**

State of Florida

County of Columbia

The foregoing instrument was acknowledged before me this 6 day of April, 2018 by Eric C. Hagler, Janette F. Hagler

who is personally known to me or who has produced DL as identification.

Brandi Lynn Lee
(Signature of person taking acknowledgment)

Brandi Lynn Lee
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG052483
Expires 12/5/2020

(Name typed printed or stamped)

(Title or Rank)

(Serial Number if any)
My Commission expires : _____

Verification Pursuant to Section 92.525, Florida Statutes

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

Eric C. Hagler 4/6/18
Borrower - **Eric C Hagler** Date

Janette F Hagler 4/6/18
Borrower - **Janette F Hagler** Date

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS
By: Donna Dow, Deputy Clerk
Date: April 6, 2018

ATT 8188

Exhibit "A"

COMMENCE AT THE SOUTHEAST CORNER OF THE NW1/4 OF THE SE1/4 OF SECTION 28, TOWNSHIP 4 SOUTH, RANGE 17 EAST, AND RUN THENCE NORTH 01°36' WEST, ALONG THE EAST LINE OF SAID NW1/4 OF THE SE1/4, 865.39 FEET, RUN THENCE SOUTH 79°24' WEST, 200 FEET, THENCE RUN SOUTH 30°07' EAST, 100 FEET, THENCE RUN SOUTH 59° 53' WEST, 584.02 FEET, THENCE RUN SOUTH 01°03'40" EAST, 471.52 FEET, TO THE SOUTH LINE OF SAID NW1/4 OF THE SE1/4, THENCE RUN NORTH 88°03' EAST, ALONG SAID SOUTH LINE, 667.53 FEET TO THE POINT OF BEGINNING.

LESS AND EXCEPT RIGHT OF WAY FOR GRADED ROAD ACROSS THE SOUTH SIDE THEREOF; AND ANY OTHER PORTION LYING WITHIN A PUBLIC ROAD RIGHT OF WAY.

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

BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

Address Assignment and Maintenance Document

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

Date/Time Issued:	**4/12/2018 10:07:02 AM**
Address:	**387 SW SELLERS Way**
City:	**LAKE CITY**
State:	**FL**
Zip Code	**32025**
Parcel ID	**08802-000**

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

PAT LYNCH
LYNCH DRILLING CORP.
P. O. BOX 934
BRANFORD, FL 32008
(386) 935-1076 PHONE
(386) 935-1199 FAX

DATE: 4-16-18

CUSTOMER: Eric & Janette Wagler

LOCATION: 387 SW Sellers Way L.C., Fl. 32025

WE WILL CONSTRUCT A 4' WATER WELL COMPLETE WITH 4" BLACK WATER WELL STEEL CASING, IHP SUBMERSIBLE PUMP (20GPM) WITH 1 1/4 " GALVANIZED DROP PIPE, AND AN 81 GALLON CAPTIVE AIR TANK (21.9 GALLON DRAWDOWN)

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

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

NOT RESPONSIBLE FOR THE QUALITY OF WATER

SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1804-102 CONTRACTOR Max L Boss PHONE 386-364-7530

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

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

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

ELECTRICAL 309	Print Name Matt Burns License #: EC13006531	Signature Matt H R Phone #: 386-365-3688
MECHANICAL/ A/C 1731	Print Name Jan Touchton License #: CAC058747	Signature [signature] Phone #: 386-362-4509
PLUMBING/ GAS	Print Name ~~Cody Boss~~ License #: ~~CFC57219~~ CFC1427145	Signature ~~[signature]~~ See Attached Phone #: ~~386-623-0509~~
ROOFING 61	Print Name Max L Boss License #: RR28211195	Signature Max L Boss Phone #: 386-364-7530
SHEET METAL	Print Name N/A License #:	Signature Phone #:
FIRE SYSTEM/ SPRINKLER	Print Name N/A License#:	Signature Phone #:
SOLAR	Print Name N/A License #:	Signature Phone #:

OBSOLETE

Jan

Wrong # for Cody Boss !!

Okayed ONE time acceptance !!

4.25.18 - [signature]

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1804-102 JOB NAME May Bass

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. One permit will cover all trades doing work at the permitted site. It is REQUIRED that we have records of the subcontractors who actually did the trade specific work under the general contractors permit.

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

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

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

ELECTRICAL ☐ CC#	Print Name Signature RECEIVED MAY 30 2018 By RECEIVED MAY 08 2018 By Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
MECHANICAL/ A/C ☐ CC#	Print Name Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
PLUMBING/ GAS ☑ CC# 714	Print Name Davis Plumbing Signature Company Name: Davis Plumbing License #: CFCO 57219 Phone #: 386-623-0509	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
ROOFING ☐ CC#	Print Name Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SHEET METAL ☐ CC#	Print Name Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
FIRE SYSTEM/ SPRINKLER ☐ CC#	Print Name Signature Company Name: License#: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
SOLAR ☐ CC#	Print Name Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE
STATE SPECIALTY ☐ CC#	Print Name Signature Company Name: License #: Phone #:	Need ☐ Lic ☐ Liab ☐ W/C ☐ EX ☐ DE

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

SJU 116811021

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

PERMIT NO. 18-0347
DATE PAID: 4/25/18
FEE PAID: 1425.00
RECEIPT #: 134134

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

APPLICANT: Eric & Danette Hagler

AGENT: Max L. Bass / B & B Homes TELEPHONE: 386-364-7530

MAILING ADDRESS: 23883 CR 49 OBrien, FL. 32071

MLBASS7@GMAIL.COM

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: _____ BLOCK: _____ SUBDIVISION: _____ PLATTED: _____

PROPERTY ID #: 28-4S-17-08802-000 ZONING: _____ I/M OR EQUIVALENT: [Y / N]

PROPERTY SIZE: 10 ACRES WATER SUPPLY: [✓] PRIVATE PUBLIC [ ]<=2000GPD [ ]>2000GPD

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

PROPERTY ADDRESS: 387 SW Sellers Way Lake City FL 32025

DIRECTIONS TO PROPERTY: S on 441 – 7 mi TR onto SW Hillcrest St property on R

BUILDING INFORMATION [✓] RESIDENTIAL [ ] COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1				
2	SFR	3	2460 Heated	
3				
4				

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

SIGNATURE: Max L Bass DATE: 4-19-18

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

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 18-0347

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

Scale: Each block represents 10 feet and 1 inch = 40 feet.

Notes: _____

Amended 5-10-18 [illegible]

Site Plan submitted by: Mark Bass

Plan Approved X Not Approved ____ Date 5-10-18

By Sallie Ford Env Health Director Columbia County Health Department

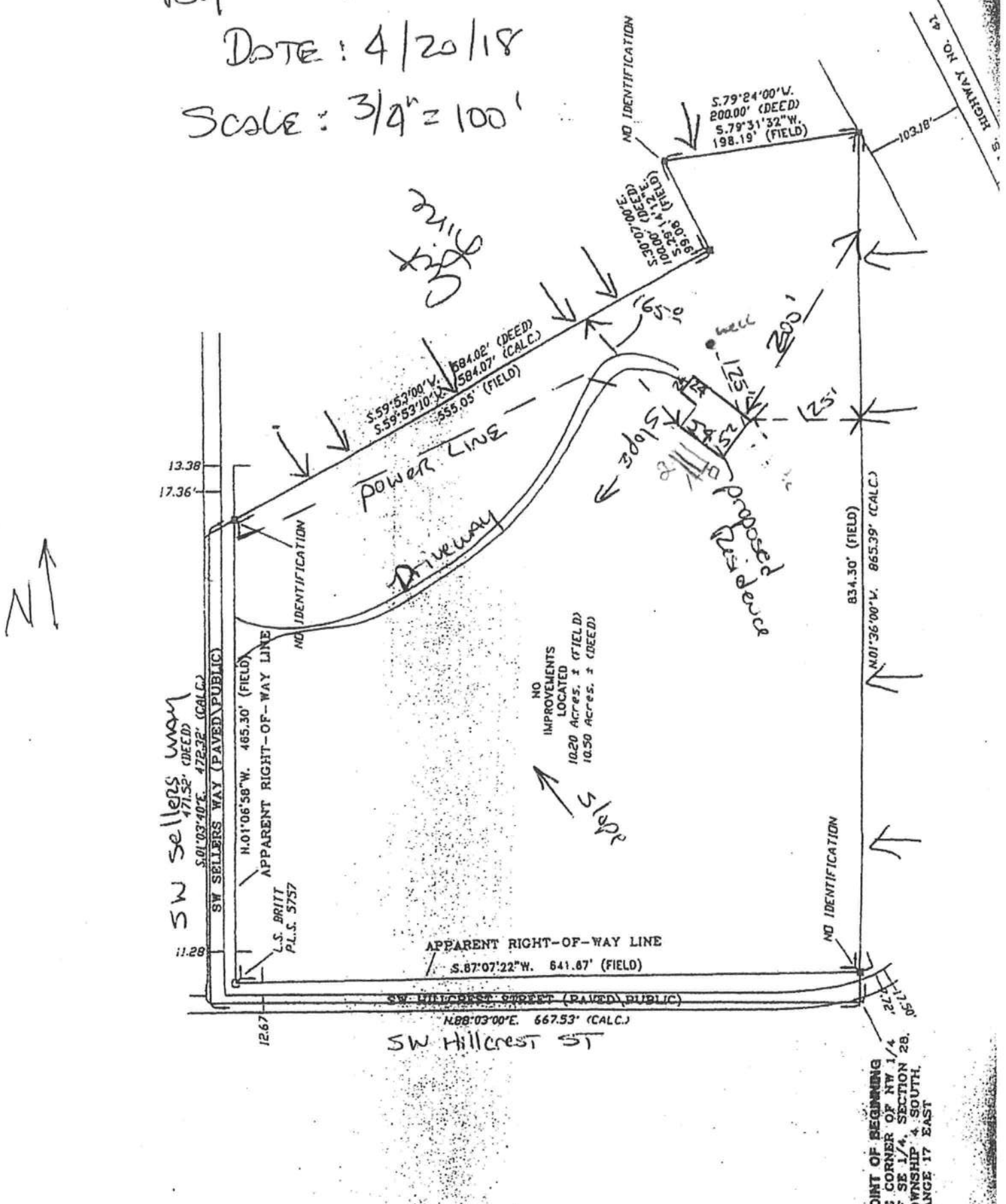
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

SITE PLAN FOR: Eric & Janette Hagler

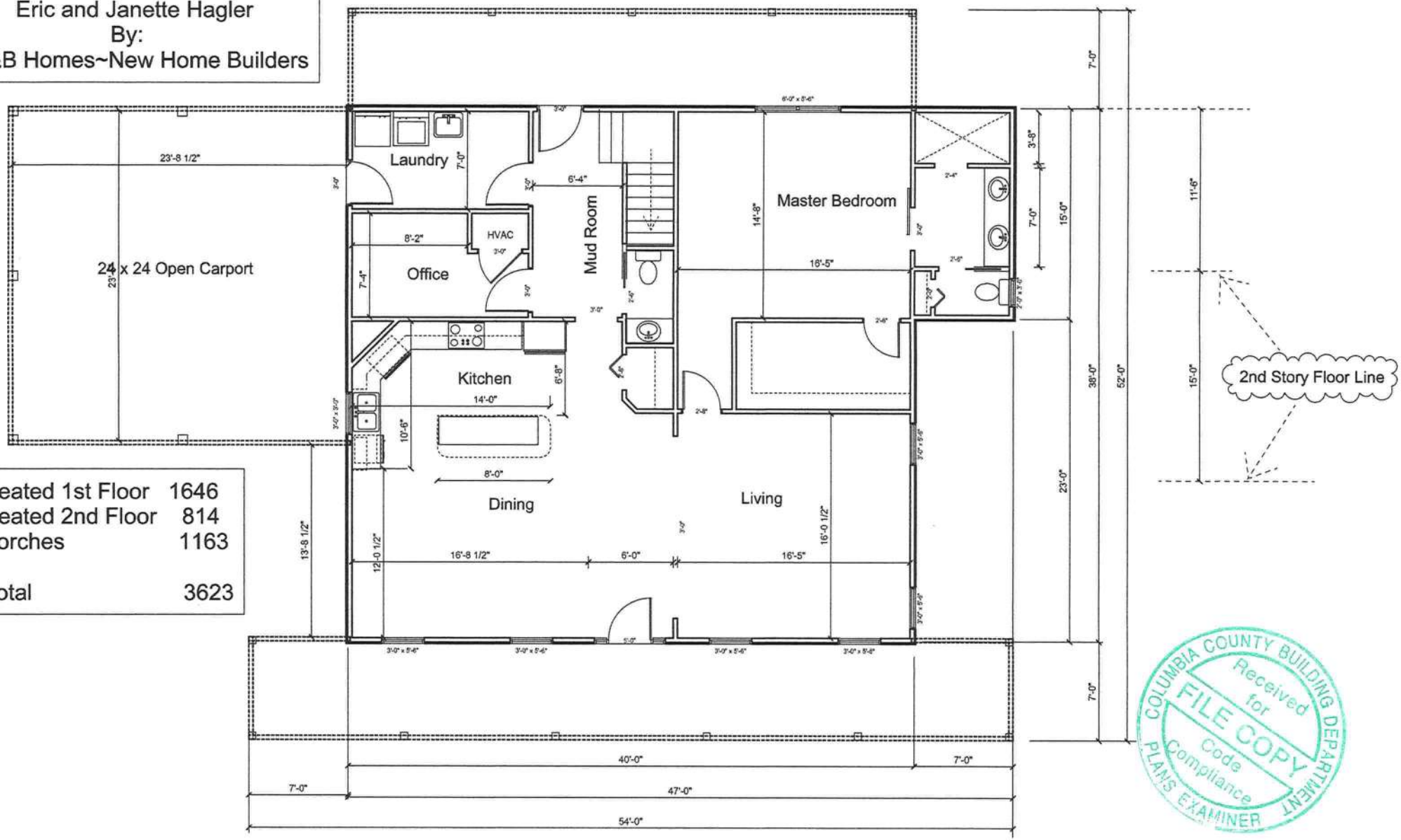
BY: Max L. Bass / B & B Homes 18-0347

DATE: 4/20/18

SCALE: 3/4" = 100'



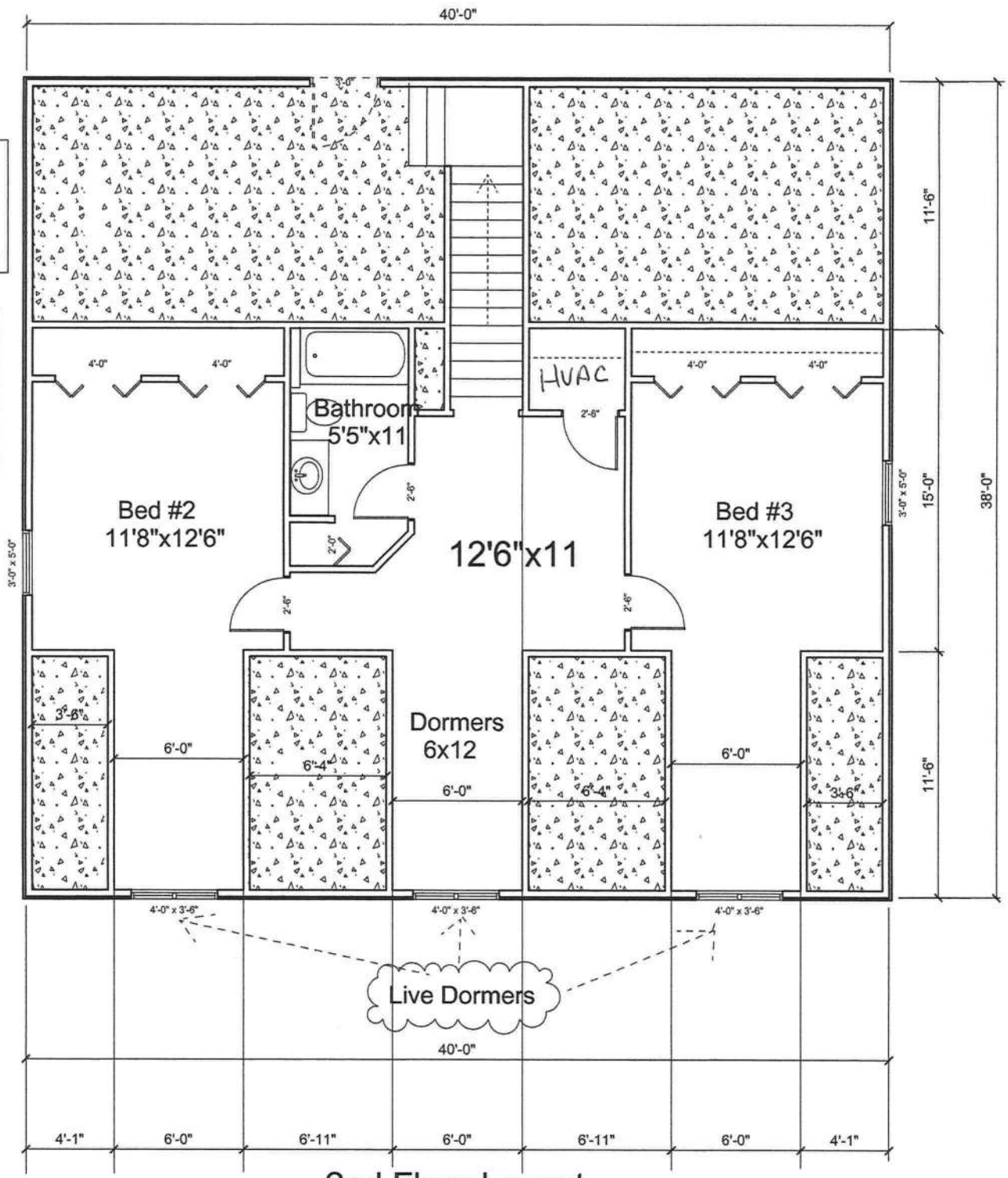
New Home For:
Eric and Janette Hagler
By:
B&B Homes~New Home Builders



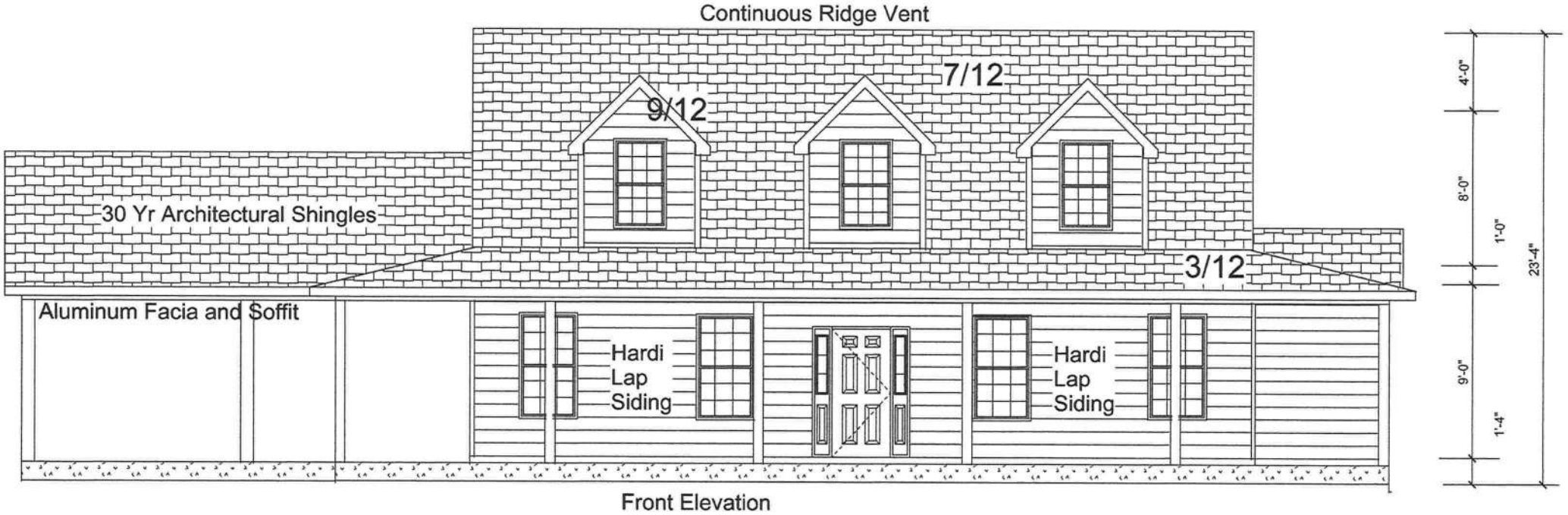
Heated 1st Floor	1646
Heated 2nd Floor	814
Porches	1163
Total	3623

New Home For:
Eric and Janette Hagler
By:
B&B Homes~New Home Builders

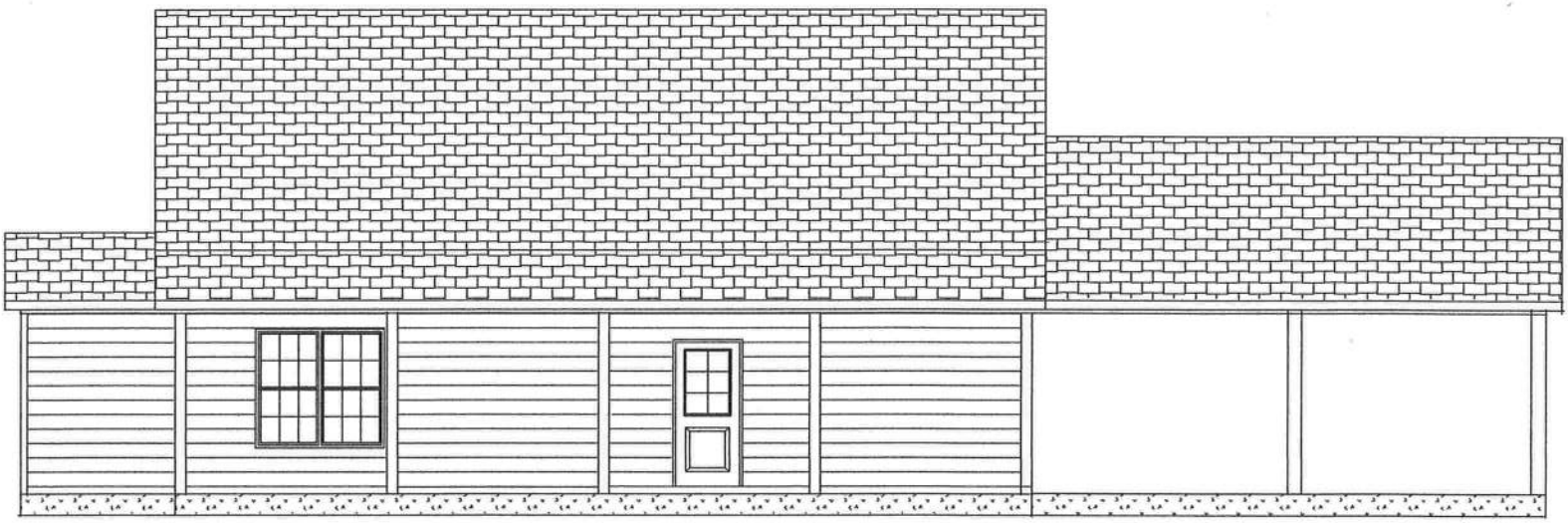
Heated 1st Floor	1646
Heated 2nd Floor	814
Porches	1163
Total	3623



2nd Floor Layout



Front Elevation

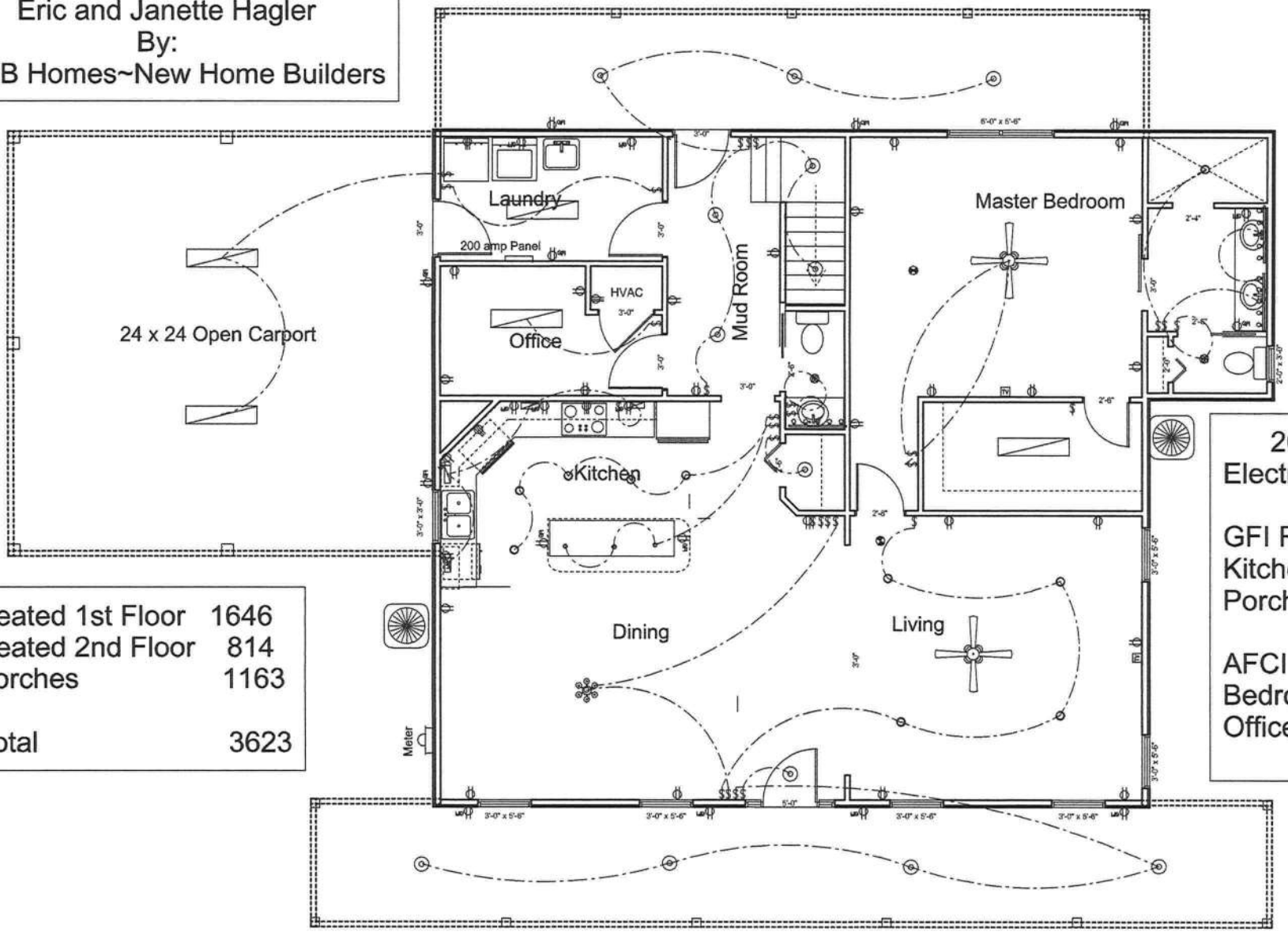


Back Elevation

Left Side Elevation

Right Side Elevation

New Home For:
Eric and Janette Hagler
By:
B&B Homes~New Home Builders



Heated 1st Floor	1646
Heated 2nd Floor	814
Porches	1163
Total	3623

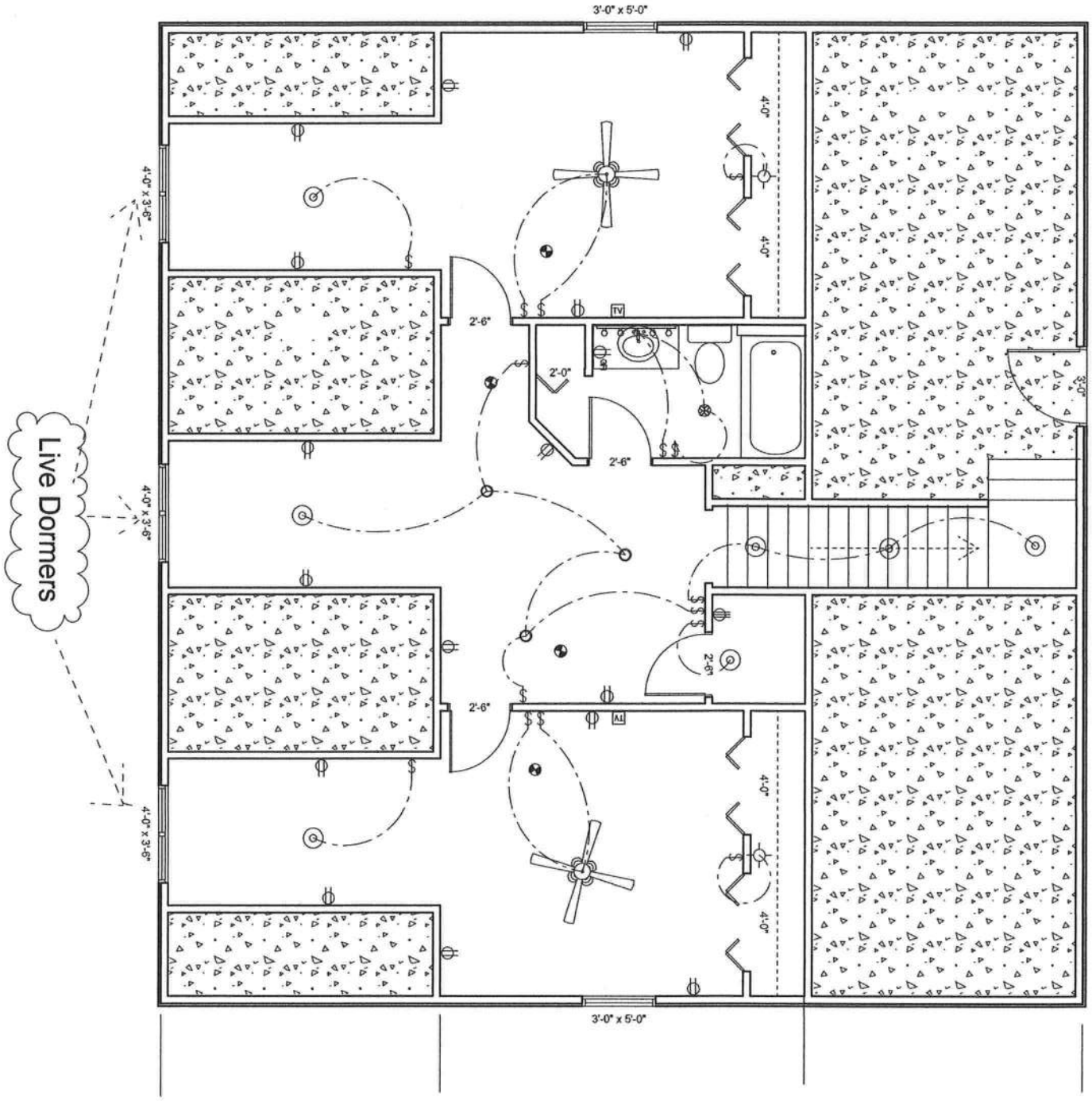
200 Amp Service
Electric to meet 2011 NEC

GFI Recepts in:
Kitchen, Baths, Laundry,
Porches and Carport

AFCI
Bedrooms, Living, Dining,
Officer, Mud Room,

Heated 1st Floor	1646
Heated 2nd Floor	814
Porches	1163
Total	3623

New Home For:
Eric and Janette Hagler
By:
B&B Homes~New Home Builders



200 Amp Service
Electric to meet 2011 NEC

PRODUCT APPROVAL SPECIFICATION SHEET

As required by Florida Statute 555.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building componets listed below if they will be utilized on the construction project for which you are applying for a building permit.

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING Single Door	Plast Pro	Single Exterior Fiberglass	FI 15213.14
B. SWINGING Double Door	Plast Pro	Double Exterior Fiberglass	FI 15213.17
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	YKK	Windows	FI 8114 Rev 3
L. OTHER			
3. PANEL WALL			
A. SIDING	James Hardie	Lap Siding	7103
B. SOFFITS	ACM	Aluminum-Vented	12010-R5
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Certainteed	30 year Architectual	FI 250
B. UNDERLAYMENTS	Kohler Company	Synthic Underlayment	177447
C. ROOFING FASTENERS	Senco	Nails	FI 2271
METAL ROOFING			
5. SHUTTERS			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL			
A. WOOD CONNECTORS/	Simpson	Truss to Wall Connector	17236
ANCHORS			
B. TRUSS PLATES	Mitek	Truss Plates	MT2020
F. CONCRETE			
M. OTHER			
8. 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) the Performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers Installation requirements. Further, I understand these products may have to be removed if approval cannot be demonstrated during. Inspection

Mark Bon 4-19-18

APPLICANT SIGNATURE DATE

Mark Disosway, P.E.
163 SW Midtown Place, Suite 103 Lake City, FL 32025, Ph (386) 754-5419

5/2/18

Columbia County Building Department

Re: B&B Homes | Hagler, Eric & Janette Res. | Hwy 47 Columbia County, FL

To whom it may concern:

This letter is in reference to plans review issues on the above referenced project.

1. On the engineering we provided we referenced the 2014 FBCR. Please accept this letter as an addendum to the engineering to say that it meets the 2017 FBCR.

THIS PDF HAS DIGITAL SIGNATURE AND ELECTRONIC SEAL. PRINTED COPIES ARE NOT CONSIDERED SIGNED OR SEALED. YOU MUST VERIFY SIGNATURE ON THIS PDF. *CLICK HERE TO VERIFY.*

Mark Disosway, PE
Florida Professional Engineer #53915

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

RE: Hagler_Rev2 -

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

Site Information:
Customer Info: Max Bass Project Name: . Model: .
Lot/Block: . Subdivision: .
Address: ., .
City: Columbia County State: FL

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

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.1
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 40.0 psf Floor Load: N/A psf

This package includes 20 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	T13740836	A1GE	4/10/18	18	T13740853	J4	4/10/18
2	T13740837	A2	4/10/18	19	T13740854	M1	4/10/18
3	T13740838	A2A	4/10/18	20	T13740855	M2	4/10/18
4	T13740839	A3GIR	4/10/18				
5	T13740840	A4GIR	4/10/18				
6	T13740841	A5	4/10/18				
7	T13740842	A6	4/10/18				
8	T13740843	A7GE	4/10/18				
9	T13740844	B1GE	4/10/18				
10	T13740845	B2	4/10/18				
11	T13740846	C1GE	4/10/18				
12	T13740847	C2	4/10/18				
13	T13740848	CJ01	4/10/18				
14	T13740849	GIR1	4/10/18				
15	T13740850	J1A	4/10/18				
16	T13740851	J2	4/10/18				
17	T13740852	J3	4/10/18				

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

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: April 10,2018

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

Job	Truss	Truss Type	Qty	Ply	T13740836
HAGLER_REV2	A1GE	Roof Special Girder	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:05 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-5pQmirp3KuuPBxLCw6DzX_ZyYuOPCwedHJZbQfzS5qe

2-0-0 | 7-1-4 | 26-0-0 | 44-10-12 | 52-0-0 | 54-0-0
2-0-0 | 7-1-4 | 18-10-12 | 18-10-12 | 7-1-4 | 2-0-0

Scale = 1:103.3

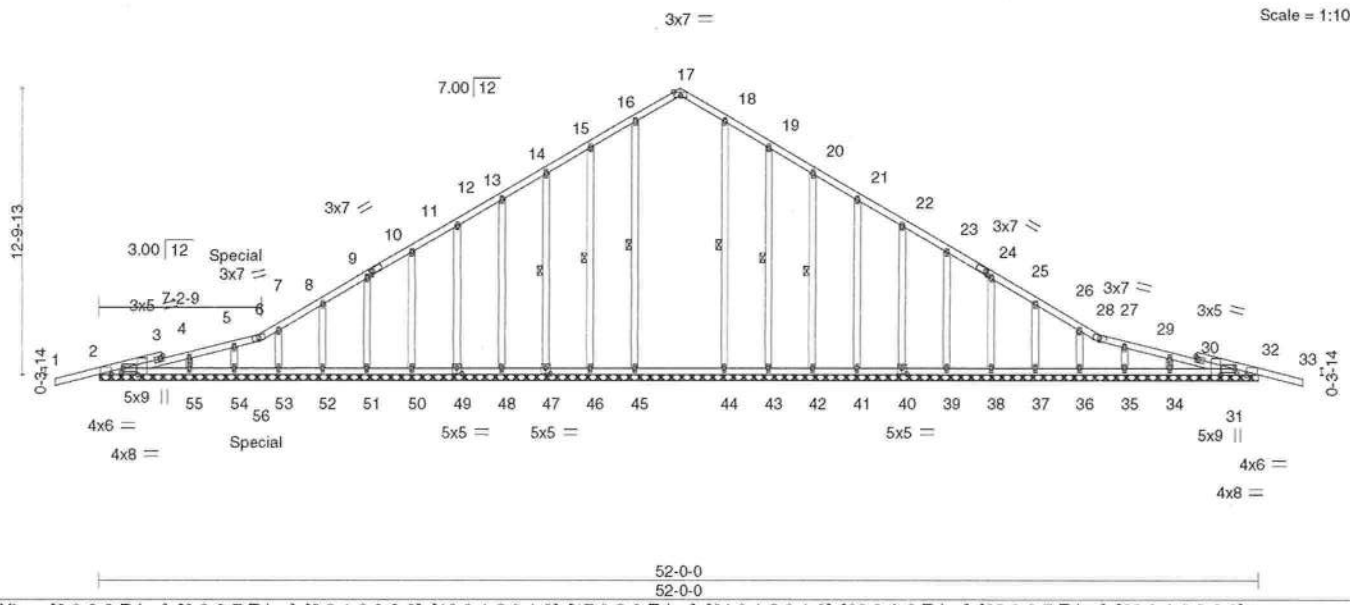


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-6-7,Edge], [2:0-1-0,0-2-0], [10:0-1-8,0-1-8], [17:0-3-8,Edge], [24:0-1-8,0-1-8], [32:0-3-8,Edge], [32:0-6-7,Edge], [32:0-1-0,0-2-0], [40:0-2-8,0-3-0], [47:0-2-8,0-3-0], [49:0-2-8,0-3-0]

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	0.29	Vert(LL)	0.00	33	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	-0.01	33	n/r	120		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.13	Horz(CT)	0.02	32	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 353 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.
WEBS 1 Row at midpt 16-45, 15-46, 14-47, 18-44, 19-43, 20-42

REACTIONS. All bearings 52-0-0.
(lb) - Max Horz 2=-228(LC 6)
Max Uplift All uplift 100 lb or less at joint(s) 2, 32, 46, 47, 48, 49, 50, 51, 52, 53, 54, 43, 42, 41, 40, 39, 38, 37
Max Grav All reactions 250 lb or less at joint(s) 46, 47, 48, 49, 50, 51, 52, 55, 43, 42, 41, 40, 39, 38, 37, 36, 35 except 2=308(LC 1), 32=304(LC 1), 45=315(LC 29), 53=477(LC 1), 54=410(LC 1), 44=292(LC 30), 34=251(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 7-53=-250/41

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=52ft; eave=2ft; 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 2x4 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, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 32, 46, 47, 48, 49, 50, 51, 52, 53, 54, 43, 42, 41, 40, 39, 38, 37.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 260 lb down and 123 lb up at 7-1-4 on top chord, and 303 lb down and 70 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) 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

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: April 10,2018

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	T13740836
HAGLER_REV2	A1GE	Roof Special Girder	1	1	Job Reference (optional)

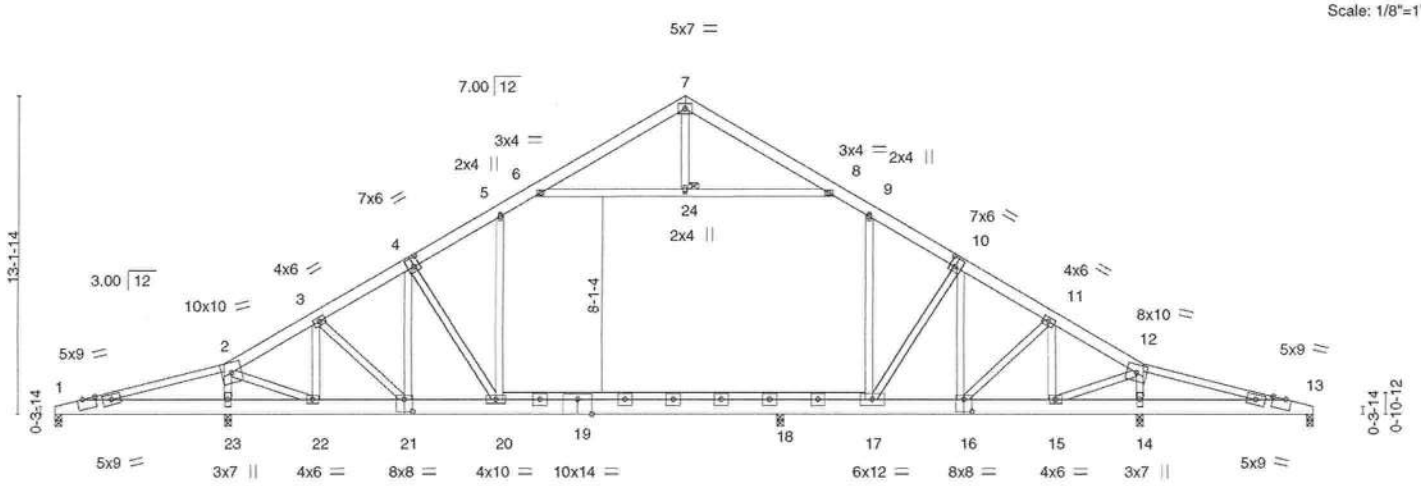
LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 1-6=-60, 6-17=-60, 17-28=-60, 28-33=-60, 2-32=-20
Concentrated Loads (lb)
Vert: 6=-164(B) 56=-303(B)

Job	Truss	Truss Type	Qty	Ply	T13740837
HAGLER_REV2	A2	ATTIC GIRDER	4	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:08 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-VO6vKtrxdpG_2P4nbFng9cBPC6L0P7m3zHoF1zzS5qb

-2-0-0	6-11-15	10-9-6	14-6-13	18-4-4	22-2-2	26-0-0	29-9-14	33-7-12	37-5-3	41-2-10	45-0-1	52-0-0	54-0-0
2-0-0	6-11-15	3-9-7	3-9-7	3-9-7	3-9-14	3-9-14	3-9-14	3-9-14	3-9-7	3-9-7	3-9-7	6-11-15	2-0-0

Scale: 1/8"=1'



6-11-15	7-1-12	10-9-6	14-6-13	18-4-4	26-0-0	29-11-12	33-7-12	37-5-3	41-2-10	44-10-4	45-0-1	52-0-0
6-11-15	0-1-13	3-7-10	3-9-7	3-9-7	7-7-12	3-11-12	3-8-0	3-9-7	3-9-7	3-7-10	0-1-13	6-11-15

Plate Offsets (X,Y)-- [1:0-6-4,Edge], [4:0-2-12,0-4-8], [10:0-2-12,0-4-8], [13:0-6-4,Edge], [16:0-4-0,0-6-0], [19:0-0-0,0-3-10], [19:0-7-0,Edge], [21:0-4-0,0-6-0]

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	0.52	Vert(LL)	-0.22	18-20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.34	18-20	>802	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	-0.02	18	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	0.09	17-18	985	360	Weight: 424 lb	FT = 0%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
1-2,12-13: 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E *Except*
17-20: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 24

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 1=226(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-268(LC 16)
Max Grav All reactions 250 lb or less at joint(s) 1 except 13=415(LC 18), 14=1573(LC 1), 23=2536(LC 18), 18=1205(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=0/1699, 2-3=-1021/179, 3-4=-1557/207, 4-5=-1715/199, 5-6=-1437/265, 6-7=-530/132, 7-8=-540/130, 8-9=-1491/263, 9-10=-1762/205, 10-11=-1696/196, 11-12=-1685/93, 12-13=-989/96
BOT CHORD 1-23=-1591/0, 22-23=-1761/0, 21-22=-37/841, 20-21=0/1476, 18-20=0/1538, 17-18=0/1535, 16-17=0/1468, 15-16=0/1446, 14-15=-161/889, 13-14=-61/948
WEBS 6-24=-1129/208, 8-24=-1129/208, 9-17=-188/357, 10-16=-301/74, 11-16=-75/250, 11-15=-530/156, 12-15=-155/1032, 12-14=-1222/241, 5-20=0/413, 4-21=-483/0, 3-21=0/954, 3-22=-1275/55, 2-22=0/2637, 2-23=-2050/143

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=52ft; eave=6ft; 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) All plates are 7x6 MT20 unless otherwise indicated.
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) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-24, 8-24; Wall dead load (5.0psf) on member(s).9-17, 5-20
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 18-20, 17-18
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 268 lb uplift at joint 1.
9) Attic room checked for L/360 deflection.

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

April 10,2018

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

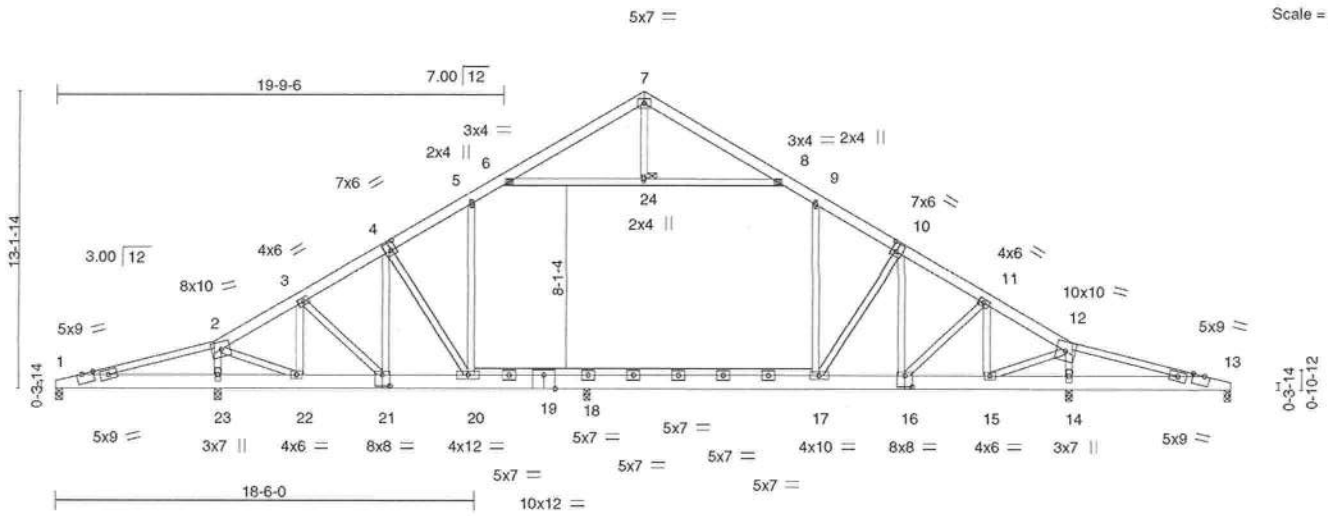
MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T13740838
HAGLER_REV2	A2A	ATTIC GIRDER	4	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:11 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-wzn2yuuqwkeZvsoMGNKNnFpwGJOzcWEWfF1welzS5qY

-2-0-0	6-11-15	10-9-6	14-6-13	18-4-4	22-2-2	26-0-0	29-9-14	33-7-12	37-5-3	41-2-10	45-0-1	52-0-0	54-0-0
2-0-0	6-11-15	3-9-7	3-9-7	3-9-7	3-9-14	3-9-14	3-9-14	3-9-14	3-9-7	3-9-7	3-9-7	6-11-15	2-0-0

Scale = 1:102.2



6-11-15	7-1-12	10-9-6	14-6-13	18-4-4	23-4-0	26-0-0	29-11-12	33-7-12	37-5-3	41-2-10	44-10-4	45-0-1	52-0-0
6-11-15	0-1-13	3-7-10	3-9-7	3-9-7	4-11-12	2-8-0	3-11-12	3-8-0	3-9-7	3-9-7	3-7-10	0-1-13	6-11-15

Plate Offsets (X,Y)-- [1:0-6-4,Edge], [4:0-2-12,0-4-8], [10:0-2-12,0-4-8], [13:0-6-4,Edge], [16:0-4-0,0-6-0], [19:0-0-0,0-3-10], [19:0-6-0,Edge], [21:0-4-0,0-6-0]

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	17-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.29	17-18	>896	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.03	18	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.15	17-20	1252	360	Weight: 424 lb	FT = 0%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except*
1-2,12-13: 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E *Except*
17-20: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-4-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 24

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 1=226(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 1 except 13=-195(LC 25)
Max Grav All reactions 250 lb or less at joint(s) 13 except 1=378(LC 19), 14=2376(LC 19), 23=1646(LC 1), 18=1254(LC 16)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-842/339, 2-3=-1613/109, 3-4=-1697/204, 4-5=-1669/225, 5-6=-1420/277, 6-7=-540/129, 7-8=-533/131, 8-9=-1370/279, 9-10=-1612/220, 10-11=-1526/217, 11-12=-1051/179, 12-13=-23/1496
BOT CHORD 1-23=-297/805, 22-23=-408/745, 21-22=0/1265, 20-21=0/1443, 18-20=0/1434, 17-18=0/1360, 16-17=0/1319, 15-16=-38/867, 14-15=-1582/0, 13-14=-1424/11
WEBS 6-24=-1044/226, 8-24=-1044/226, 9-17=-3/326, 10-16=-343/0, 11-16=0/856, 11-15=-1172/67, 12-15=0/2391, 12-14=-1909/164, 5-20=-153/285, 4-20=-269/113, 3-21=-2/370, 3-22=-658/145, 2-22=-146/1255, 2-23=-1280/239

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=52ft; eave=6ft; 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) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-24, 8-24; Wall dead load (5.0psf) on member(s).9-17, 5-20
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 18-20, 17-18
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 13=195.
8) Attic room checked for L/360 deflection.

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

April 10,2018

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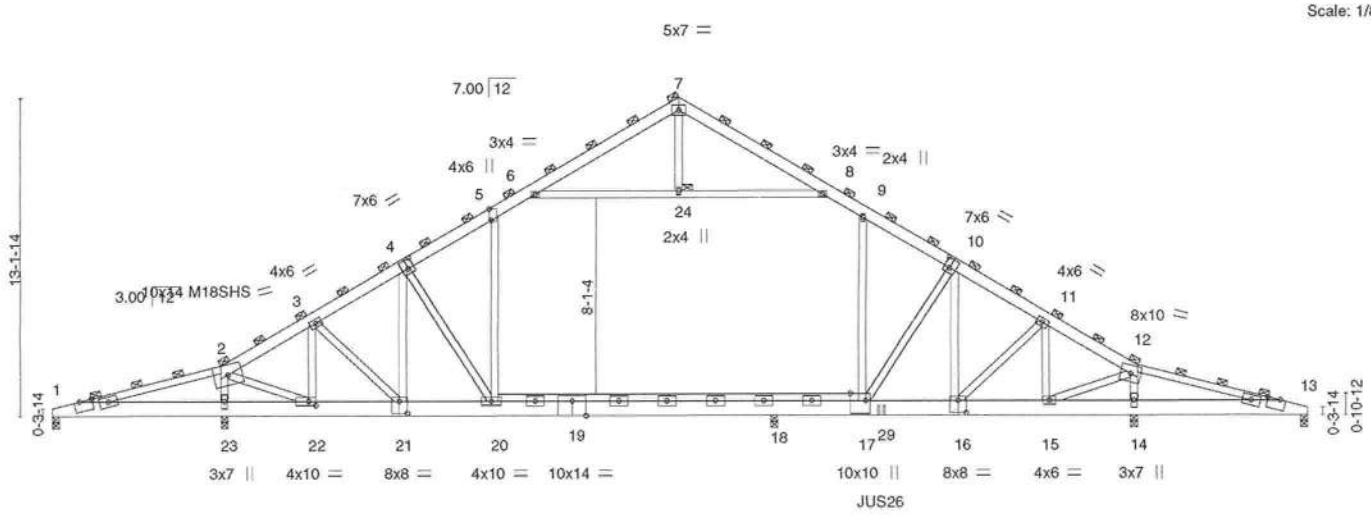
MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T13740839
HAGLER_REV2	A3GIR	ATTIC GIRDER	2	3	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:15 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-ok1YoGxKzz8_OU67VDPJx5zYgwfzYGQ5at?7n3zS5qU

-2-0-0	6-11-15	10-9-6	14-6-13	18-4-4	22-2-2	26-0-0	29-9-14	33-7-12	37-5-3	41-2-10	45-0-1	52-0-0	54-0-0
2-0-0	6-11-15	3-9-7	3-9-7	3-9-7	3-9-14	3-9-14	3-9-14	3-9-14	3-9-7	3-9-7	3-9-7	6-11-15	2-0-0

Scale: 1/8"=1'



6-11-15	7-1-12	10-9-6	14-6-13	18-4-4	26-0-0	29-11-12	33-7-12	37-5-3	41-2-10	44-10-4	45-0-1	52-0-0
6-11-15	0-1-13	3-7-10	3-9-7	3-9-7	7-7-12	3-11-12	3-8-0	3-9-7	3-9-7	3-7-10	0-1-13	6-11-15

Plate Offsets (X,Y)-- [1:0-6-4,Edge], [4:0-2-12,0-4-8], [5:0-5-11,Edge], [10:0-2-12,0-4-8], [13:0-6-4,Edge], [16:0-4-0,0-6-0], [17:0-3-8,Edge], [19:0-0-0,0-3-10], [19:0-7-0,Edge], [21:0-4-0,0-6-0], [22:0-3-8,0-2-0]

LOADING (psf)		SPACING-	6-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	-0.39	18-20	>702	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.53	18-20	>516	180	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.88	Horz(CT)	-0.03	18	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	0.16	17-18	554	360	Weight: 1271 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 SP No.1 *Except*
4-7,7-10: 2x6 SP SS, 2-4,10-12: 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E *Except*
17-20: 2x4 SP No.2
WEBS 2x4 SP No.2 *Except*
12-15,2-22: 2x4 SP No.1

BRACING-

TOP CHORD 2-0-0 oc purlins (6-0-0 max.)
(Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 2, 7, 12, 24

REACTIONS. All bearings 0-3-8 except (jt=length) 23=0-3-15 (input: 0-3-8).
(lb) - Max Horz 1=677(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-2158(LC 14), 13=-302(LC 23), 14=-388(LC 8), 23=-433(LC 26)
Max Grav All reactions 250 lb or less at joint(s) 1 except 13=1849(LC 14), 14=5460(LC 1), 23=14330(LC 14), 18=3536(LC 31)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-615/9927, 2-3=-5918/262, 3-4=-8772/189, 4-5=-8357/81, 5-6=-6424/248, 6-7=-1523/159, 7-8=-1572/168, 8-9=-6506/240, 9-10=-8042/132, 10-11=-7508/102, 11-12=-7574/0, 12-13=-5796/798
BOT CHORD 1-23=-9038/446, 22-23=-10136/472, 21-22=-29/4784, 20-21=0/7713, 18-20=0/6936, 17-18=0/6853, 16-17=0/6535, 15-16=0/6548, 14-15=-788/5254, 13-14=-696/5553
WEBS 6-24=-5878/268, 8-24=-5878/268, 9-17=-227/2425, 10-17=-790/929, 10-16=-1871/417, 11-16=-663/1077, 11-15=-1947/356, 12-15=-178/3885, 12-14=-4391/231, 5-20=0/2557, 4-20=-1702/418, 4-21=-1092/0, 3-21=0/4371, 3-22=-6840/308, 2-22=-133/15803, 2-23=-12238/284, 7-24=0/343

NOTES-

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 23-2 2x4 - 1 row at 0-7-0 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=52ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 5x9 MT20 unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2

JULIUS LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

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6904 Parke East Blvd. Tampa FL 33610
Date: April 10,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

NOTES-

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) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-24, 8-24; Wall dead load (5.0psf) on member(s).9-17, 5-20
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 18-20, 17-18
11) WARNING: Required bearing size at joint(s) 23 greater than input bearing size.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2158 lb uplift at joint 1, 302 lb uplift at joint 13, 388 lb uplift at joint 14 and 433 lb uplift at joint 23.
13) Load case(s) 2, 12, 13, 14, 15, 16, 17, 20, 21, 30, 31, 32, 33 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
14) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.
15) Use USP JUS26 (With 10d nails into Girder & 10d nails into Truss) or equivalent at 34-5-4 from the left end to connect truss(es) to back face of bottom chord.
16) Fill all nail holes where hanger is in contact with lumber.
17) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-180, 6-7=-180, 7-8=-180, 8-9=-210, 9-12=-180, 12-13=-180, 1-20=-60, 19-20=-90, 18-19=-90, 17-18=-90, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-908(B)
   Trapezoidal Loads (plf)
   Vert: 2=-400(F=-120)-to-5=-320(F=-120), 5=-350(F=-120)-to-6=-341(F=-120)
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-150, 6-7=-150, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-806(B)
   Trapezoidal Loads (plf)
   Vert: 2=-508(F=-195)-to-5=-378(F=-195), 5=-408(F=-195)-to-6=-393(F=-195)
12) Dead + Uninhab. Attic Storage + Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300(F=-240), 19-20=-330, 18-19=-330, 17-18=-332, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-445(B)
   Trapezoidal Loads (plf)
   Vert: 2=-390(F=-180)-to-5=-270(F=-180), 5=-300(F=-180)-to-6=-286(F=-180)
13) Dead + Uninhabitable Attic Storage: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300(F=-240), 19-20=-330, 18-19=-330, 17-18=-332, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-445(B)
   Trapezoidal Loads (plf)
   Vert: 2=-390(F=-180)-to-5=-270(F=-180), 5=-300(F=-180)-to-6=-286(F=-180)
14) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-157, 6-7=-174, 7-8=-131, 8-9=-161, 9-12=-131, 12-13=-138, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
   Horz: 1-2=7, 2-7=24, 7-12=19, 12-13=12, 1-25=-39, 13-27=39
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=159(B)
   Trapezoidal Loads (plf)
   Vert: 2=-554(F=-207)-to-5=-416(F=-207), 5=-446(F=-207)-to-6=-430(F=-207)
15) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-138, 6-7=-131, 7-8=-174, 8-9=-204, 9-12=-174, 12-13=-157, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
   Horz: 1-2=-12, 2-7=-19, 7-12=-24, 12-13=-7, 1-25=-39, 13-27=39
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=159(B)
   Trapezoidal Loads (plf)
   Vert: 2=-511(F=-207)-to-5=-373(F=-207), 5=-403(F=-207)-to-6=-387(F=-207)
16) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60

Continued on page 3

LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2, 1-25=-39, 13-27=39
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=159(B)
Trapezoidal Loads (plf)
Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)

17) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2, 1-25=-39, 13-27=39
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=159(B)
Trapezoidal Loads (plf)
Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)

20) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-150, 6-7=-150, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-806(B)
Trapezoidal Loads (plf)
Vert: 2=-508(F=-195)-to-5=-378(F=-195), 5=-408(F=-195)-to-6=-393(F=-195)

21) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 6-7=-60, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-806(B)
Trapezoidal Loads (plf)
Vert: 2=-418(F=-195)-to-5=-288(F=-195), 5=-318(F=-195)-to-6=-303(F=-195)

30) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-157, 6-7=-174, 7-8=-131, 8-9=-161, 9-12=-131, 12-13=-138, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
Horz: 1-2=7, 2-7=24, 7-12=19, 12-13=12, 1-25=-39, 13-27=39
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-890(B)
Trapezoidal Loads (plf)
Vert: 2=-554(F=-207)-to-5=-416(F=-207), 5=-446(F=-207)-to-6=-430(F=-207)

31) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-138, 6-7=-131, 7-8=-174, 8-9=-204, 9-12=-174, 12-13=-157, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
Horz: 1-2=-12, 2-7=-19, 7-12=-24, 12-13=-7, 1-25=-39, 13-27=39
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-890(B)
Trapezoidal Loads (plf)
Vert: 2=-511(F=-207)-to-5=-373(F=-207), 5=-403(F=-207)-to-6=-387(F=-207)

32) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2, 1-25=-39, 13-27=39
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-890(B)
Trapezoidal Loads (plf)
Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)

33) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-21, 20-23=-240(F=-180), 19-20=-270, 18-19=-270, 17-18=-272, 14-17=-60, 13-14=-21, 6-8=-30
Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2, 1-25=-39, 13-27=39
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-890(B)

Continued on page 4

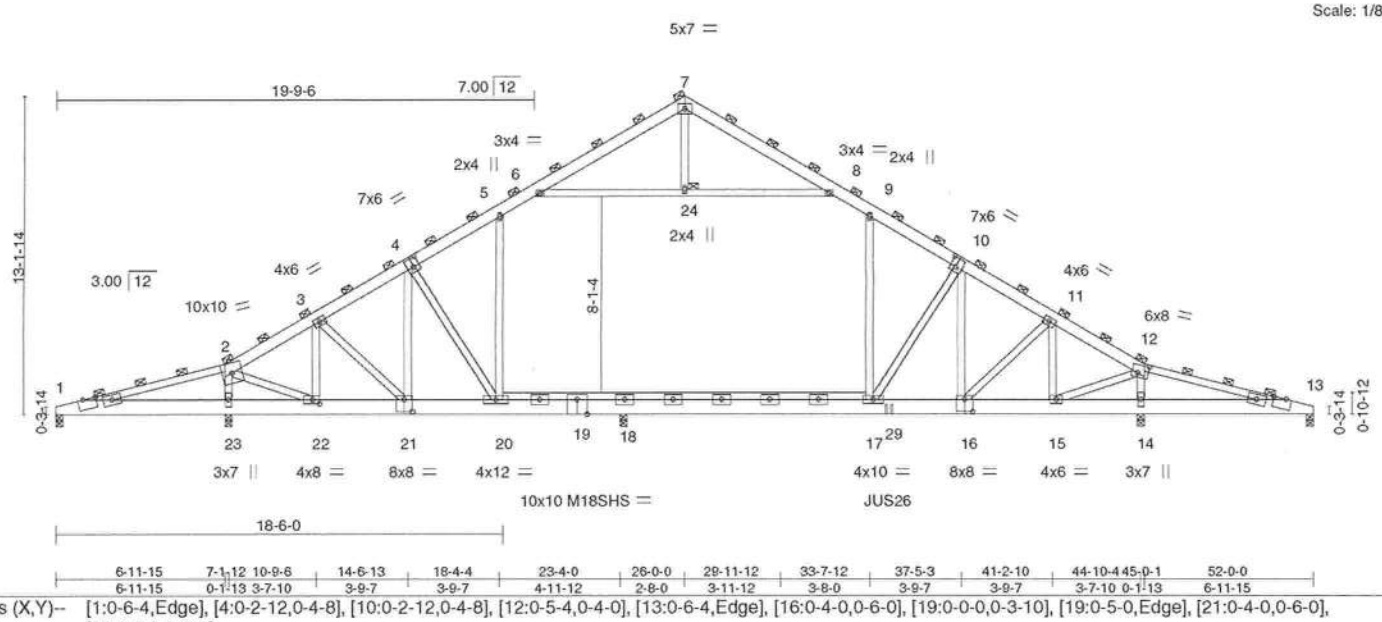
LOAD CASE(S) Standard
Trapezoidal Loads (plf)
Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)

Job	Truss	Truss Type	Qty	Ply	T13740840
HAGLER_REV2	A4GIR	ATTIC GIRDER	2	3	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:19 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-hVG3ed_r1CfQt5Pvk2UF6x8lbY2KU7DhVVzLwrzS5qQ

-2-0-0	6-11-15	10-9-6	14-6-13	18-4-4	22-2-2	26-0-0	29-9-14	33-7-12	37-5-3	41-2-10	45-0-1	52-0-0	54-0-0
2-0-0	6-11-15	3-9-7	3-9-7	3-9-7	3-9-14	3-9-14	3-9-14	3-9-14	3-9-7	3-9-7	3-9-7	6-11-15	2-0-0

Scale: 1/8"=1'



18-6-0

6-11-15	7-1-12	10-9-6	14-6-13	18-4-4	23-4-0	26-0-0	29-11-12	33-7-12	37-5-3	41-2-10	44-10-4	45-0-1	52-0-0
6-11-15	0-1-13	3-7-10	3-9-7	3-9-7	4-11-12	2-8-0	3-11-12	3-8-0	3-9-7	3-9-7	3-7-10	0-1-13	6-11-15

Plate Offsets (X,Y)-- [1:0-6-4,Edge], [4:0-2-12,0-4-8], [10:0-2-12,0-4-8], [12:0-5-4,0-4-0], [13:0-6-4,Edge], [16:0-4-0,0-6-0], [19:0-0-0,0-3-10], [19:0-5-0,Edge], [21:0-4-0,0-6-0], [22:0-3-8,0-2-0]

LOADING (psf)		SPACING-	6-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	-0.18	20-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.21	17	>999	180	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.02	18	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.17	18-20	726	360	Weight: 1271 lb	FT = 0%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except* 1-2,12-13: 2x4 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E *Except* 17-20: 2x4 SP No.2
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	2-0-0 oc purlins (6-0-0 max.) (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 2, 7, 12, 24

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 1=677(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-357(LC 14), 13=-479(LC 23)
Max Grav All reactions 250 lb or less at joint(s) except 1=605(LC 25), 13=765(LC 14), 14=7114(LC 31), 23=10382(LC 14), 18=5112(LC 12)

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

TOP CHORD	1-2=-1394/3342, 2-3=-7353/0, 3-4=-8331/28, 4-5=-6739/118, 5-6=-5378/241, 6-7=-1574/170, 7-8=-1559/190, 8-9=-5118/243, 9-10=-6187/114, 10-11=-6030/110, 11-12=-4670/76, 12-13=-1095/3218
BOT CHORD	1-23=-2656/1225, 22-23=-3415/958, 21-22=0/5734, 20-21=0/6812, 18-20=0/5673, 17-18=0/5223, 16-17=0/5202, 15-16=0/3993, 14-15=-3498/787, 13-14=-3022/992
WEBS	6-24=-4369/265, 8-24=-4369/265, 9-17=-63/1536, 10-17=-463/254, 10-16=-847/0, 11-16=0/2264, 11-15=-3192/49, 12-15=0/6571, 12-14=-5800/24, 5-20=-404/1095, 4-20=-3322/242, 4-21=-182/1668, 3-21=-62/1850, 3-22=-4187/268, 2-22=-115/9349, 2-23=-8461/65, 7-24=0/315

NOTES-

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=52ft; eave=6ft; 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) All plates are MT20 plates unless otherwise indicated.
6) All plates are 5x9 MT20 unless otherwise indicated.
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) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-24, 8-24; Wall dead load (5.0psf) on member(s).9-17, 5-20

Continued on page 2

JULIUS LEE LICENSE No. 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: April 10,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

NOTES-

10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 18-20, 17-18
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 357 lb uplift at joint 1 and 479 lb uplift at joint 13.
12) Load case(s) 2, 12, 13, 14, 15, 16, 17, 20, 21, 30, 31, 32, 33 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
13) Use USP JUS26 (With 10d nails into Girder & 10d nails into Truss) or equivalent at 34-5-4 from the left end to connect truss(es) to front face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.
15) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-180, 6-7=-180, 7-8=-180, 8-9=-210, 9-12=-180, 12-13=-180, 1-20=-60, 19-20=-90, 18-19=-91, 17-18=-90, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-571(F)
   Trapezoidal Loads (plf)
   Vert: 2=-400-to-5=-320, 5=-350-to-6=-341
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-150, 6-7=-150, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-554(F)
   Trapezoidal Loads (plf)
   Vert: 2=-508-to-5=-378, 5=-408-to-6=-393
12) Dead + Uninhab. Attic Storage + Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300, 19-20=-330, 18-19=-337, 17-18=-330, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-334(F)
   Trapezoidal Loads (plf)
   Vert: 2=-390-to-5=-270, 5=-300-to-6=-286
13) Dead + Uninhabitable Attic Storage: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300, 19-20=-330, 18-19=-337, 17-18=-330, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=-334(F)
   Trapezoidal Loads (plf)
   Vert: 2=-390-to-5=-270, 5=-300-to-6=-286
14) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-157, 6-7=-174, 7-8=-131, 8-9=-161, 9-12=-131, 12-13=-138, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Horz: 1-2=7, 2-7=24, 7-12=19, 12-13=12
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=163(F)
   Trapezoidal Loads (plf)
   Vert: 2=-554-to-5=-416, 5=-446-to-6=-430
15) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-138, 6-7=-131, 7-8=-174, 8-9=-204, 9-12=-174, 12-13=-157, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Horz: 1-2=-12, 2-7=-19, 7-12=-24, 12-13=-7
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=163(F)
   Trapezoidal Loads (plf)
   Vert: 2=-511-to-5=-373, 5=-403-to-6=-387
16) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
   Drag: 9-17=-30, 5-20=-30
   Concentrated Loads (lb)
   Vert: 29=163(F)
   Trapezoidal Loads (plf)
   Vert: 2=-518-to-5=-385, 5=-415-to-6=-400
17) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60

Continued on page 3

LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=163(F)
Trapezoidal Loads (plf)
Vert: 2=-518-to-5=-385, 5=-415-to-6=-400

20) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-150, 6-7=-150, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-554(F)
Trapezoidal Loads (plf)
Vert: 2=-508-to-5=-378, 5=-408-to-6=-393

21) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 6-7=-60, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-554(F)
Trapezoidal Loads (plf)
Vert: 2=-418-to-5=-288, 5=-318-to-6=-303

30) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-157, 6-7=-174, 7-8=-131, 8-9=-161, 9-12=-131, 12-13=-138, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
Horz: 1-2=7, 2-7=24, 7-12=19, 12-13=12
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-629(F)
Trapezoidal Loads (plf)
Vert: 2=-554-to-5=-416, 5=-446-to-6=-430

31) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-138, 6-7=-131, 7-8=-174, 8-9=-204, 9-12=-174, 12-13=-157, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
Horz: 1-2=-12, 2-7=-19, 7-12=-24, 12-13=-7
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-629(F)
Trapezoidal Loads (plf)
Vert: 2=-511-to-5=-373, 5=-403-to-6=-387

32) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-629(F)
Trapezoidal Loads (plf)
Vert: 2=-518-to-5=-385, 5=-415-to-6=-400

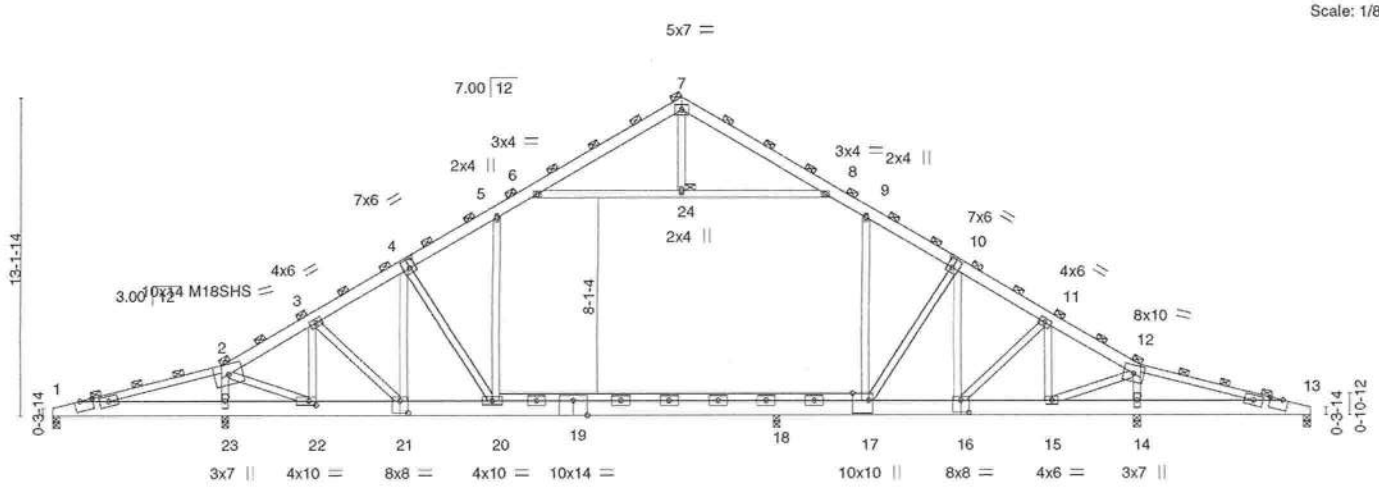
33) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
Drag: 9-17=-30, 5-20=-30
Concentrated Loads (lb)
Vert: 29=-629(F)
Trapezoidal Loads (plf)
Vert: 2=-518-to-5=-385, 5=-415-to-6=-400

Job	Truss	Truss Type	Qty	Ply	T13740841
HAGLER_REV2	A5	ATTIC GIRDER	1	3	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:23 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-ZHWaT?1L5Q9sMijgzuYBGnJvB9N3QuCHQ7xY3czS5qM

-2-0-0	6-11-15	10-9-6	14-6-13	18-4-4	22-2-2	26-0-0	29-9-14	33-7-12	37-5-3	41-2-10	45-0-1	52-0-0	54-0-0
2-0-0	6-11-15	3-9-7	3-9-7	3-9-7	3-9-14	3-9-14	3-9-14	3-9-14	3-9-7	3-9-7	3-9-7	6-11-15	2-0-0

Scale: 1/8"=1'



6-11-15	7-1-12	10-9-6	14-6-13	18-4-4	26-0-0	29-11-12	33-7-12	37-5-3	41-2-10	44-10-4	45-0-1	52-0-0
6-11-15	0-1-13	3-7-10	3-9-7	3-9-7	7-7-12	3-11-12	3-8-0	3-9-7	3-9-7	3-7-10	0-1-13	6-11-15

Plate Offsets (X,Y)-- [1:0-6-4,Edge], [4:0-2-12,0-4-8], [10:0-2-12,0-4-8], [13:0-6-4,Edge], [16:0-4-0,0-6-0], [17:0-3-8,Edge], [19:0-7-0,Edge], [19:0-0-0,0-3-10], [21:0-4-0,0-6-0], [22:0-3-8,0-2-0]

LOADING (psf)		SPACING-	6-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.79	Vert(LL)	-0.40	18-20	>682	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.56	18-20	>487	180	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.89	Horz(CT)	-0.03	18	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	0.18	17-18	492	360	Weight: 1271 lb	FT = 0%

LUMBER-

TOP CHORD	2x4 SP No.1 *Except* 4-7,7-10: 2x6 SP SS, 2-4,10-12: 2x6 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E *Except* 17-20: 2x4 SP No.2
WEBS	2x4 SP No.2 *Except* 12-15,2-22: 2x4 SP No.1

BRACING-

TOP CHORD	2-0-0 oc purlins (6-0-0 max.) (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 1-23,22-23.
JOINTS	1 Brace at Jt(s): 2, 7, 12, 24

REACTIONS. All bearings 0-3-8 except (jt=length) 23=0-4-0 (input: 0-3-8).
(lb) - Max Horz 1=677(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-2122(LC 16)
Max Grav All reactions 250 lb or less at joint(s) except 13=1917(LC 18), 14=4808(LC 1), 23=14454(LC 18), 18=3031(LC 19)

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

TOP CHORD	1-2=-23/9811, 2-3=-5484/707, 3-4=-8528/898, 4-5=-8179/803, 5-6=-6276/951, 6-7=-1525/383, 7-8=-1591/381, 8-9=-6374/949, 9-10=-7823/836, 10-11=-7106/759, 11-12=-7504/490, 12-13=-5616/0
BOT CHORD	1-23=-9149/149, 22-23=-10178/237, 21-22=-283/4399, 20-21=-188/7505, 18-20=0/6769, 17-18=0/6633, 16-17=-53/6193, 15-16=-69/6482, 14-15=0/5163, 13-14=0/5377
WEBS	6-24=-5701/820, 8-24=-5701/820, 9-17=-89/2279, 10-17=-463/1028, 10-16=-1835/52, 11-16=-781/541, 11-15=-1368/538, 12-15=-428/2975, 12-14=-3836/760, 5-20=0/2533, 4-20=-1621/590, 4-21=-1092/0, 3-21=0/4368, 3-22=-6838/498, 2-22=-566/15682, 2-23=-12174/987, 7-24=0/340

NOTES-

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 23-2 2x4 - 1 row at 0-7-0 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=52ft; eave=6ft; 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
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 5x9 MT20 unless otherwise indicated.
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.

Continued on page 2

JULIUS LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: April 10,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

NOTES-

9) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-24, 8-24; Wall dead load (5.0psf) on member(s).9-17, 5-20
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 18-20, 17-18
11) WARNING: Required bearing size at joint(s) 23 greater than input bearing size.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2122 lb uplift at joint 1.
13) Load case(s) 2, 16, 17, 18, 19, 20, 21, 24, 25 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
14) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.
15) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-180, 6-7=-180, 7-8=-180, 8-9=-210, 9-12=-180, 12-13=-180, 1-20=-60, 19-20=-90, 18-19=-90, 17-18=-90, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-400(F=-120)-to-5=-320(F=-120), 5=-350(F=-120)-to-6=-341(F=-120)
2) Dead + 0.75 Roof Live (balanced) + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-150, 6-7=-150, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-508(F=-195)-to-5=-378(F=-195), 5=-408(F=-195)-to-6=-393(F=-195)
16) Dead + Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300, 19-20=-330, 18-19=-330, 17-18=-332, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-390(F=-180)-to-5=-270(F=-180), 5=-300(F=-180)-to-6=-286(F=-180)
17) Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300, 19-20=-330, 18-19=-330, 17-18=-332, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-390(F=-180)-to-5=-270(F=-180), 5=-300(F=-180)-to-6=-286(F=-180)
18) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-157, 6-7=-174, 7-8=-131, 8-9=-161, 9-12=-131, 12-13=-138, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
   Horz: 1-2=7, 2-7=24, 7-12=19, 12-13=12
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-554(F=-207)-to-5=-416(F=-207), 5=-446(F=-207)-to-6=-430(F=-207)
19) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-138, 6-7=-131, 7-8=-174, 8-9=-204, 9-12=-174, 12-13=-157, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
   Horz: 1-2=-12, 2-7=-19, 7-12=-24, 12-13=-7
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-511(F=-207)-to-5=-373(F=-207), 5=-403(F=-207)-to-6=-387(F=-207)
20) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
   Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)
21) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
   Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)
24) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-150, 6-7=-150, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-508(F=-195)-to-5=-378(F=-195), 5=-408(F=-195)-to-6=-393(F=-195)
25) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25

Continued on page 3

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-2=-60, 6-7=-60, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240, 19-20=-270, 18-19=-270, 17-18=-272, 13-17=-60, 6-8=-30

Drag: 9-17=-30, 5-20=-30

Trapezoidal Loads (plf)

Vert: 2=-418(F=-195)-to-5=-288(F=-195), 5=-318(F=-195)-to-6=-303(F=-195)

Job	Truss	Truss Type	Qty	Ply	
HAGLER_REV2	A6	ATTIC GIRDER	1	3	T13740842

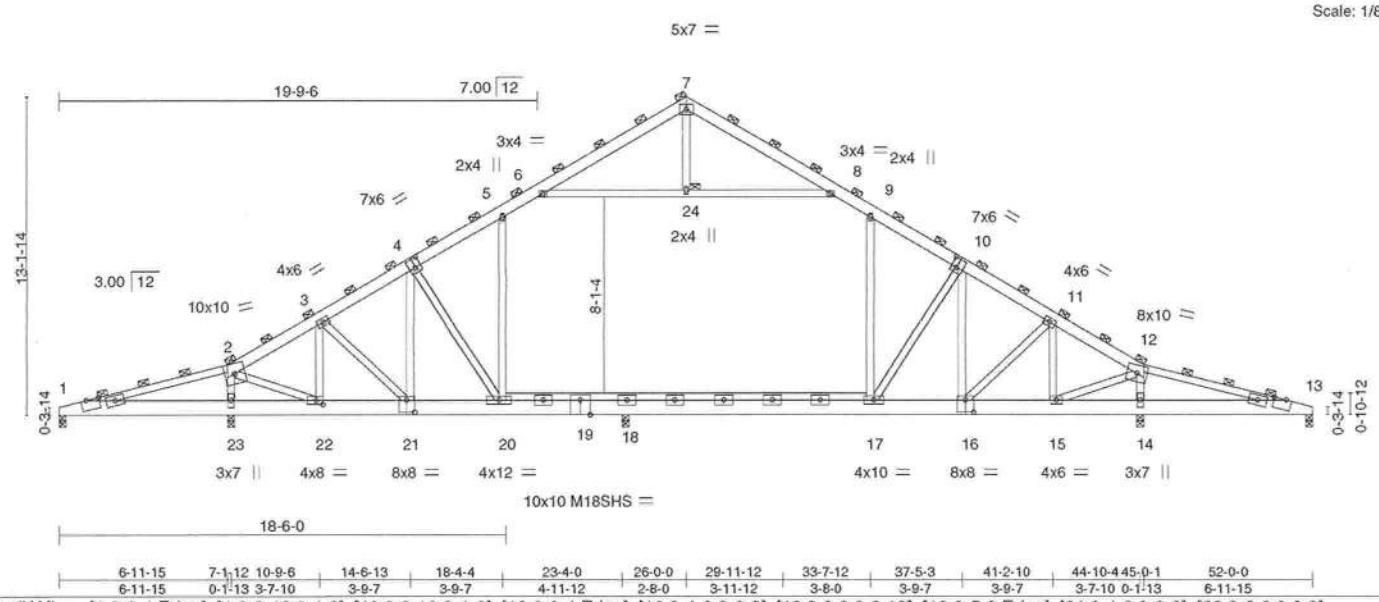
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:26 2018 Page 1

ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-zsBi613EOLXRDASFf06uuPwUJMR1dHmj649CgxzS5qJ

-2-0-0	6-11-15	10-9-6	14-6-13	18-4-4	22-2-2	26-0-0	29-9-14	33-7-12	37-5-3	41-2-10	45-0-1	52-0-0	54-0-0
2-0-0	6-11-15	3-9-7	3-9-7	3-9-7	3-9-14	3-9-14	3-9-14	3-9-14	3-9-7	3-9-7	3-9-7	6-11-15	2-0-0

Scale: 1/8"=1'



18-6-0

6-11-15	7-1-12	10-9-6	14-6-13	18-4-4	23-4-0	26-0-0	29-11-12	33-7-12	37-5-3	41-2-10	44-10-4	45-0-1	52-0-0
6-11-15	0-1-13	3-7-10	3-9-7	3-9-7	4-11-12	2-8-0	3-11-12	3-8-0	3-9-7	3-9-7	3-7-10	0-1-13	6-11-15

Plate Offsets (X,Y)-- [1:0-6-4,Edge], [4:0-2-12,0-4-8], [10:0-2-12,0-4-8], [13:0-6-4,Edge], [16:0-4-0,0-6-0], [19:0-0-0,0-3-10], [19:0-5-0,Edge], [21:0-4-0,0-6-0], [22:0-3-8,0-2-0]

LOADING (psf)		SPACING-	6-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	-0.19	20-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.23	20-21	>843	180	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.71	Horz(CT)	-0.02	18	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Attic	-0.18	18-20	685	360	Weight: 1271 lb	FT = 0%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except*
1-2,12-13: 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E *Except*
17-20: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-

TOP CHORD 2-0-0 oc purlins (6-0-0 max.)
(Switched from sheeted: Spacing > 2-0-0).
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 2, 7, 12, 24

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 1=677(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) except 1=-341(LC 24), 13=-252(LC 9)
Max Grav All reactions 250 lb or less at joint(s) except 1=472(LC 11), 13=693(LC 18), 14=6281(LC 19), 23=10366(LC 18), 18=5131(LC 16)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-871/3257, 2-3=-6851/462, 3-4=-7964/809, 4-5=-6298/736, 5-6=-5048/888, 6-7=-1589/379, 7-8=-1588/390, 8-9=-4804/899, 9-10=-5706/738, 10-11=-5577/738, 11-12=-4666/689, 12-13=-1243/2267
BOT CHORD 1-23=-3074/693, 22-23=-3777/796, 21-22=-67/5295, 20-21=-115/6487, 18-20=0/5332, 17-18=0/4848, 16-17=-25/4799, 15-16=-245/3989, 14-15=-2518/976, 13-14=-2101/1173
WEBS 6-24=-3966/751, 8-24=-3966/751, 9-17=0/1335, 10-17=-586/403, 10-16=-793/0, 11-16=0/1725, 11-15=-2614/116, 12-15=0/5413, 12-14=-5081/439, 5-20=-595/900, 4-20=-3298/575, 4-21=-91/1732, 3-21=-73/1805, 3-22=-4140/710, 2-22=-939/9289, 2-23=-8457/1154, 7-24=0/308

NOTES-

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=52ft; eave=6ft; 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
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 5x9 MT20 unless otherwise indicated.
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) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-24, 8-24; Wall dead load (5.0psf) on member(s).9-17, 5-20
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 18-20, 17-18

Continued on page 2

JULIUS LEE LICENSE No 34869 STATE OF FLORIDA PROFESSIONAL ENGINEER

Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: April 10,2018

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

NOTES-

11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 341 lb uplift at joint 1 and 252 lb uplift at joint 13.
12) Load case(s) 2, 16, 17, 18, 19, 20, 21, 24, 25 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
13) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-180, 6-7=-180, 7-8=-180, 8-9=-210, 9-12=-180, 12-13=-180, 1-20=-60, 19-20=-90, 18-19=-91, 17-18=-90, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-400(F=-120)-to-5=-320(F=-120), 5=-350(F=-120)-to-6=-341(F=-120)
2) Dead + 0.75 Roof Live (balanced) + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-150, 6-7=-150, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-508(F=-195)-to-5=-378(F=-195), 5=-408(F=-195)-to-6=-393(F=-195)
16) Dead + Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300(F=-240), 19-20=-330, 18-19=-337, 17-18=-330, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-390(F=-180)-to-5=-270(F=-180), 5=-300(F=-180)-to-6=-286(F=-180)
17) Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-300(F=-240), 19-20=-330, 18-19=-337, 17-18=-330, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-390(F=-180)-to-5=-270(F=-180), 5=-300(F=-180)-to-6=-286(F=-180)
18) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-157, 6-7=-174, 7-8=-131, 8-9=-161, 9-12=-131, 12-13=-138, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Horz: 1-2=7, 2-7=24, 7-12=19, 12-13=12
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-554(F=-207)-to-5=-416(F=-207), 5=-446(F=-207)-to-6=-430(F=-207)
19) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-138, 6-7=-131, 7-8=-174, 8-9=-204, 9-12=-174, 12-13=-157, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Horz: 1-2=-12, 2-7=-19, 7-12=-24, 12-13=-7
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-511(F=-207)-to-5=-373(F=-207), 5=-403(F=-207)-to-6=-387(F=-207)
20) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)
21) Dead + 0.75 Roof Live (bal.) + 0.75 Attic Floor + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-2=-152, 6-7=-152, 7-8=-152, 8-9=-182, 9-12=-152, 12-13=-152, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Horz: 1-2=2, 2-7=2, 7-12=-2, 12-13=-2
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-518(F=-200)-to-5=-385(F=-200), 5=-415(F=-200)-to-6=-400(F=-200)
24) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-150, 6-7=-150, 7-8=-60, 8-9=-90, 9-12=-60, 12-13=-60, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-508(F=-195)-to-5=-378(F=-195), 5=-408(F=-195)-to-6=-393(F=-195)
25) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Attic Floor: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-60, 6-7=-60, 7-8=-150, 8-9=-180, 9-12=-150, 12-13=-150, 1-23=-60, 20-23=-240(F=-180), 19-20=-270, 18-19=-276, 17-18=-270, 13-17=-60, 6-8=-30
   Drag: 9-17=-30, 5-20=-30
   Trapezoidal Loads (plf)
   Vert: 2=-418(F=-195)-to-5=-288(F=-195), 5=-318(F=-195)-to-6=-303(F=-195)

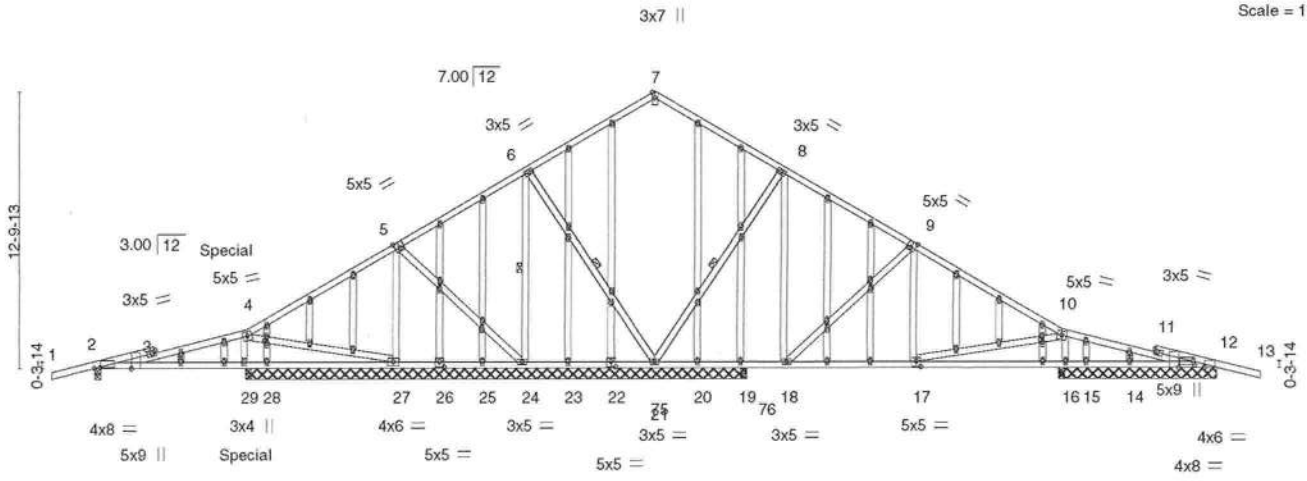
Job	Truss	Truss Type	Qty	Ply	T13740843
HAGLER_REV2	A7GE	Roof Special Girder	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:31 2018 Page 1

ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-Kp?b9k7NCu9jJxKCRah3bTeJ3NDQIbbSFMtzL8zS5qE

2-0-0	7-1-4	14-0-0	20-0-0	26-0-0	32-0-0	38-0-0	44-10-12	52-0-0	54-0-0
2-0-0	7-1-4	6-10-12	6-0-0	6-0-0	6-0-0	6-0-0	6-10-12	7-1-4	2-0-0

Scale = 1:107.0



7-0-0	7-1-4	14-0-0	18-7-12	20-0-0	26-0-0	30-3-8	32-0-0	38-0-0	44-8-8	44-10-12	52-0-0
7-0-0	0-1-4	6-10-12	4-7-12	1-4-4	6-0-0	4-3-8	1-8-8	6-0-0	6-8-8	0-2-4	7-1-4

Plate Offsets (X,Y)-- [2:0-3-4,0-0-6], [2:0-0-4,Edge], [5:0-2-8,0-3-4], [9:0-2-8,0-3-4], [12:0-3-8,Edge], [12:0-6-7,Edge], [12:0-1-0,0-2-0], [17:0-2-8,0-3-0], [22:0-2-8,0-3-0], [26:0-2-8,0-3-0], [42:0-1-9,0-1-0], [64:0-1-9,0-1-0]

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	0.60	Vert(LL)	-0.05	29-69	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.11	29-69	>757	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.48	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 425 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, Except: 10-0-0 oc bracing: 20-21,19-20,18-19,17-18.
WEBS	1 Row at midpt 8-21, 6-21, 6-24

REACTIONS. All bearings 23-3-8 except (jt=length) 2=0-3-8, 12=7-3-8, 16=7-3-8, 16=7-3-8, 15=7-3-8, 14=7-3-8, 19=0-3-8, 19=0-3-8, 12=7-3-8.

(lb) - Max Horz 2=229(LC 7)

Max Uplift All uplift 100 lb or less at joint(s) 12, 21, 24, 28 except 2=-106(LC 25), 29=-238(LC 8), 15=-199(LC 3)

Max Grav All reactions 250 lb or less at joint(s) 23, 25, 28, 20, 19, 19 except 2=350(LC 17), 7=666(LC 1), 12=274(LC 18), 21=766(LC 1), 16=921(LC 18), 16=898(LC 1), 24=287(LC 13), 27=386(LC 17), 29=1128(LC 17), 29=1094(LC 1), 14=261(LC 1), 12=274(LC 1)

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

TOP CHORD	2-4=-68/255, 5-6=-10/279, 6-7=0/413, 7-8=0/413, 9-10=-541/32
BOT CHORD	17-18=0/383
WEBS	8-21=-645/89, 8-18=0/377, 9-18=-422/64, 10-17=0/468, 10-16=-714/67, 5-27=-294/51, 4-29=-609/112

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=52ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; porch left 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 2x4 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) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12, 21, 24, 28, 12 except (jt=lb) 2=106, 29=238, 15=199.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 260 lb down and 123 lb up at 7-1-4 on top chord, and 303 lb down and 58 lb up at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2

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Date: April 10,2018

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NOTES-

11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

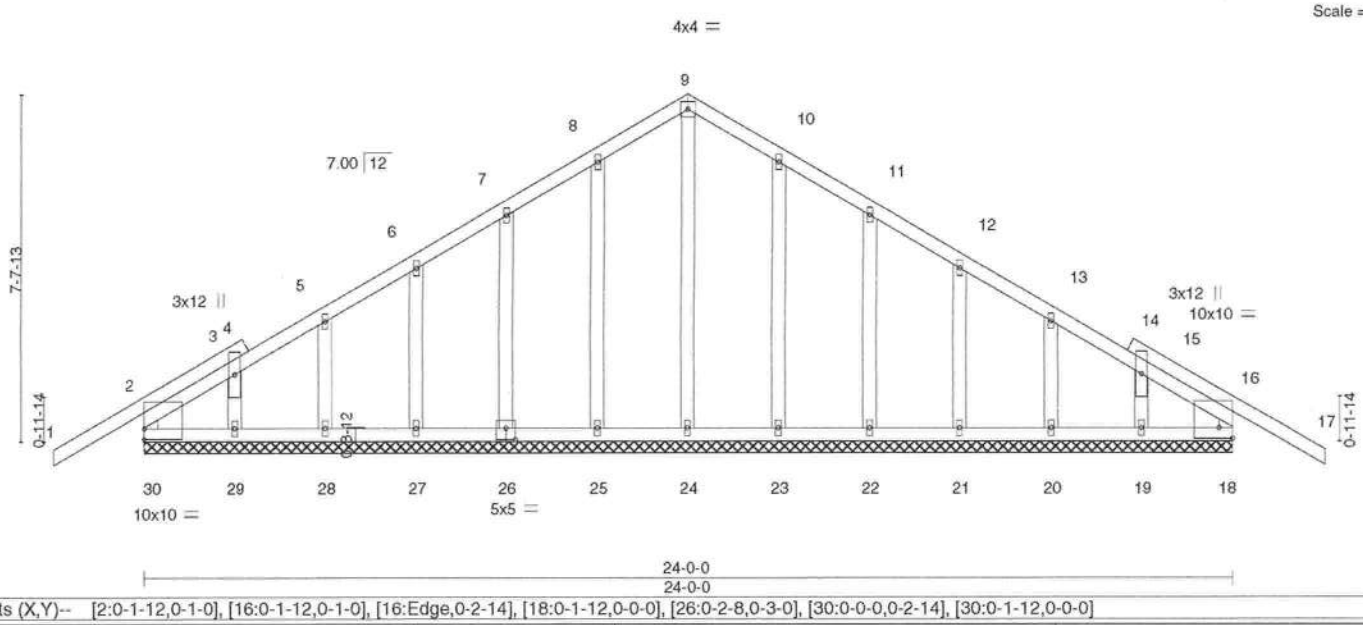
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-60, 4-7=-60, 7-10=-60, 10-13=-60, 67-71=-20
   Concentrated Loads (lb)
   Vert: 4=-164(F) 29=-303(F)

Job	Truss	Truss Type	Qty	Ply	T13740844
HAGLER_REV2	B1GE	Common Supported Gable	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:33 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-GC6MaQ9dkVPRYFUbZ?kXgujkHB?ZmaRljgM4P1zS5qC

-2-0-0 2-0-0 | 12-0-0 12-0-0 | 24-0-0 12-0-0 | 26-0-0 2-0-0

Scale = 1:50.9



24-0-0
24-0-0

Plate Offsets (X,Y)-- [2:0-1-12,0-1-0], [16:0-1-12,0-1-0], [16:Edge,0-2-14], [18:0-1-12,0-0-0], [26:0-2-8,0-3-0], [30:0-0-0,0-2-14], [30:0-1-12,0-0-0]

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)	-0.02	17	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.04	17	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00	18	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-R							Weight: 157 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 6-0-0 oc bracing.

REACTIONS. All bearings 24-0-0.
(lb) - Max Horz 30=152(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 30, 18, 25, 26, 27, 28, 29, 23, 22, 21, 20, 19
Max Grav All reactions 250 lb or less at joint(s) 24, 25, 26, 27, 28, 29, 23, 22, 21, 20, 19 except 30=259(LC 21), 18=259(LC 22)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=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) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 30, 18, 25, 26, 27, 28, 29, 23, 22, 21, 20, 19.

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Date:

April 10,2018

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

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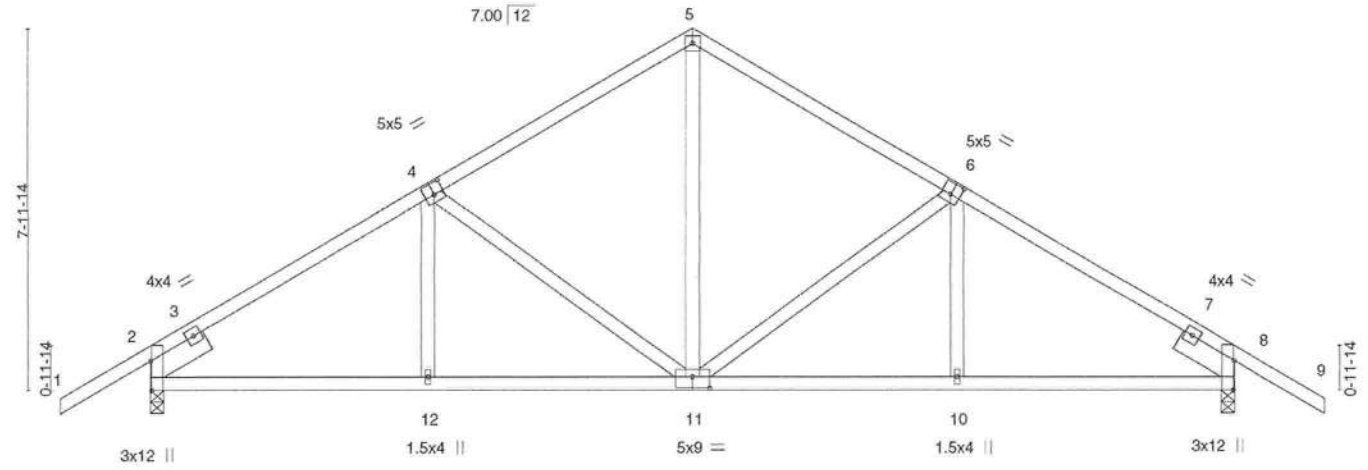
Job	Truss	Truss Type	Qty	Ply	
HAGLER_REV2	B2	Common	11	1	T13740845
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:35 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-DaE6?6AtG6g9oYezgPm?lJozx_XHEN12A_rBUvzS5qA

-2-0-0	6-1-12	12-0-0	17-10-4	24-0-0	26-0-0
2-0-0	6-1-12	5-10-4	5-10-4	6-1-12	2-0-0

Scale = 1:51.0



6-1-12	12-0-0	17-10-4	24-0-0
6-1-12	5-10-4	5-10-4	6-1-12

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

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	0.74	Vert(LL)	0.12	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.17	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.07	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 135 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x6 SP No.2 1-6-0, Right 2x6 SP No.2 1-6-0

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

REACTIONS. (lb/size) 2=1080/0-3-8, 8=1080/0-3-8
Max Horz 2=142(LC 11)
Max Uplift 2=-256(LC 12), 8=-256(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1276/896, 4-5=-969/731, 5-6=-969/731, 6-8=-1276/896
BOT CHORD 2-12=-631/1013, 11-12=-629/1012, 10-11=-637/1012, 8-10=-640/1013
WEBS 5-11=-566/538, 6-11=-345/309, 4-11=-345/309

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; 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) except (jt=lb) 2=256, 8=256.
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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April 10,2018

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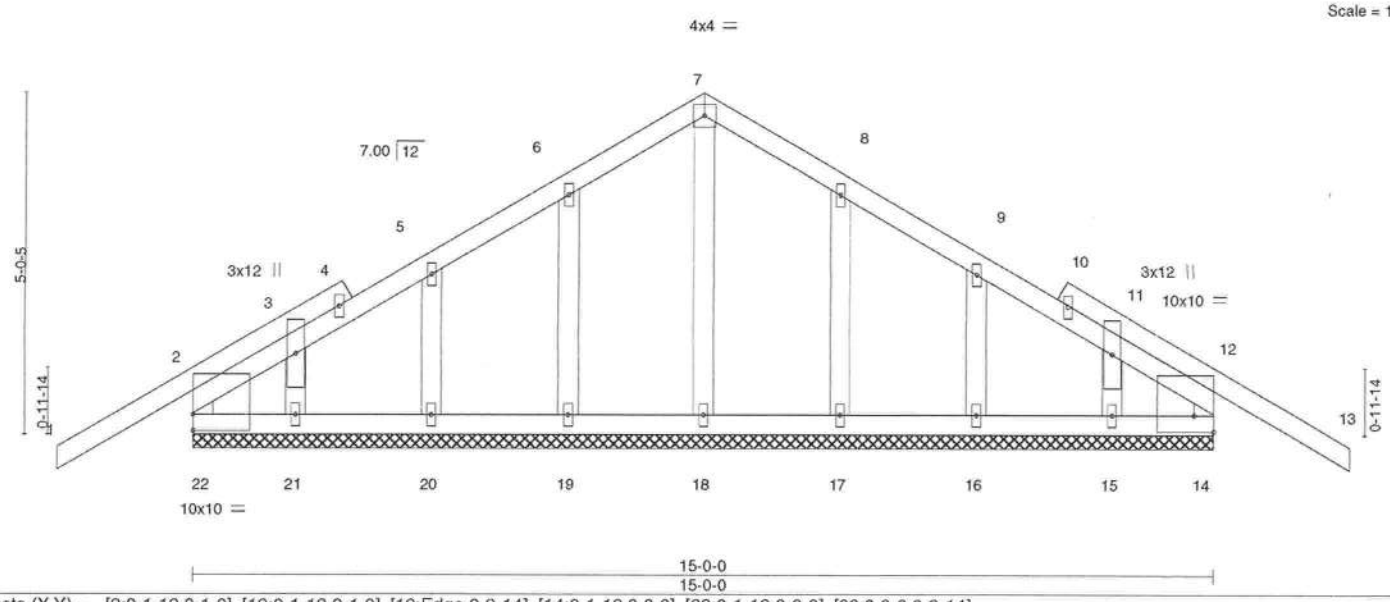
Job	Truss	Truss Type	Qty	Ply	T13740846
HAGLER_REV2	C1GE	Common Supported Gable	1	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:36 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-hnoUCRBV1Qo0PiDAE7HEIWLFWO1RzzYBPeak0MzS5q9

-2-0-0 2-0-0 | 7-6-0 7-6-0 | 15-0-0 7-6-0 | 17-0-0 2-0-0

Scale = 1:34.0



15-0-0
15-0-0

Plate Offsets (X,Y)-- [2:0-1-12,0-1-0], [12:0-1-12,0-1-0], [12:Edge,0-2-14], [14:0-1-12,0-0-0], [22:0-1-12,0-0-0], [22:0-0-0,0-2-14]

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)	-0.02	13	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.04	13	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-R							Weight: 90 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 6-0-0 oc bracing.

REACTIONS. All bearings 15-0-0.
(lb) - Max Horz 22=107(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 22, 14, 19, 20, 21, 17, 16, 15
Max Grav All reactions 250 lb or less at joint(s) 18, 19, 20, 21, 17, 16, 15 except 22=261(LC 21), 14=261(LC 22)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=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) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 14, 19, 20, 21, 17, 16, 15.

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Date:

April 10,2018

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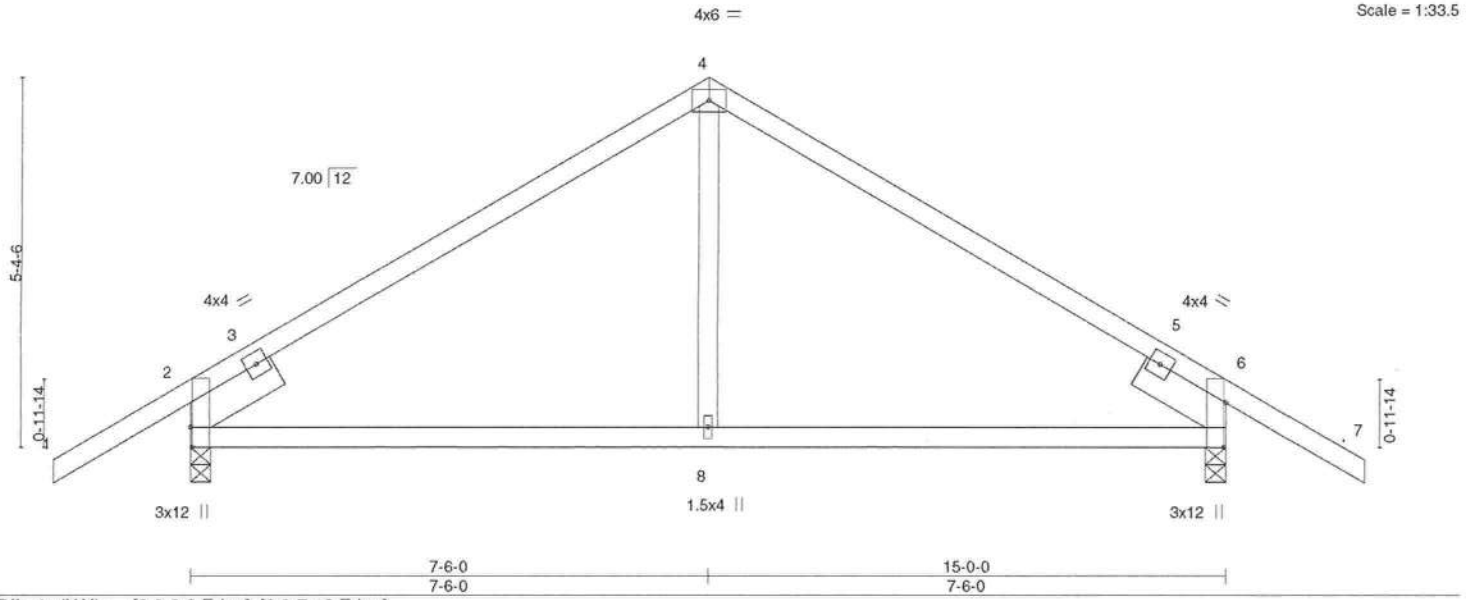
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	T13740847
HAGLER_REV2	C2	Common	3 *	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:38 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-d9wFd7DmZ12kf0MYMYJiNxQZzCcPRsoUsy3r5EzS5q7

-2-0-0	7-6-0	15-0-0	17-0-0
2-0-0	7-6-0	7-6-0	2-0-0

Scale = 1:33.5



7-6-0	15-0-0
7-6-0	7-6-0

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [6:0-7-13,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	0.43	Vert(LL)	-0.05	8-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.09	8-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.03	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 70 lb	FT = 0%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2
SLIDER	Left 2x6 SP No.2 1-6-0, Right 2x6 SP No.2 1-6-0

BRACING-

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

REACTIONS. (lb/size) 2=720/0-3-8, 6=720/0-3-8
Max Horz 2=96(LC 11)
Max Uplift 2=-49(LC 12), 6=-49(LC 12)

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

TOP CHORD	2-4=-650/288, 4-6=-650/288
BOT CHORD	2-8=0/476, 6-8=0/476
WEBS	4-8=0/301

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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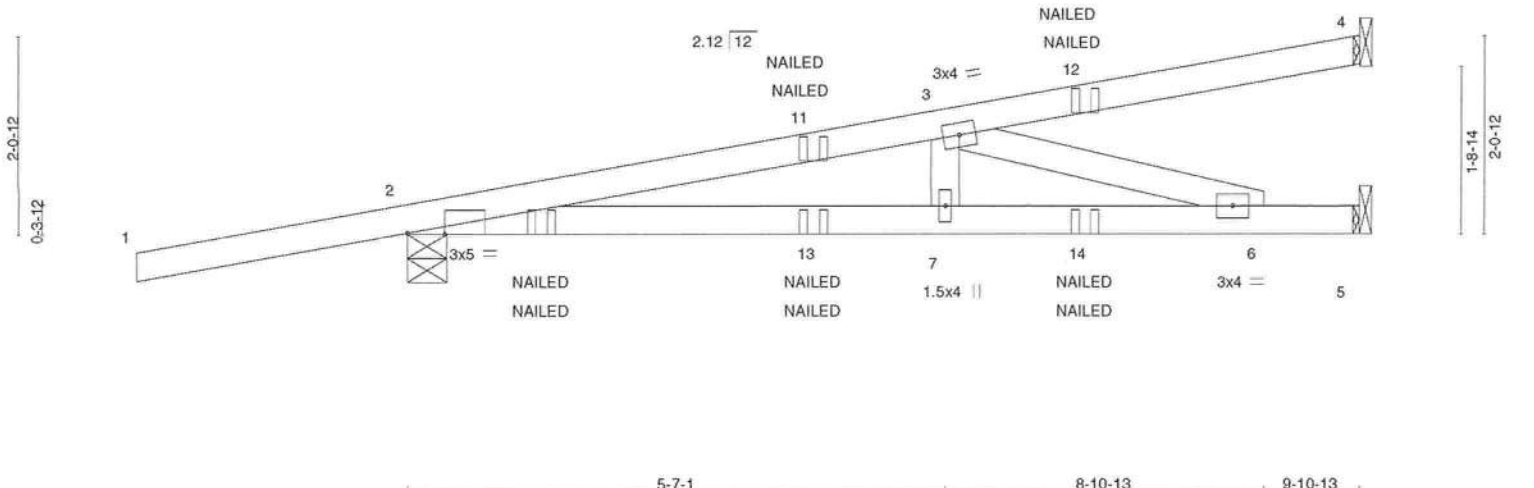
April 10,2018

Job	Truss	Truss Type	Qty	Ply	
HAGLER_REV2	CJ01	Diagonal Hip Girder	2	1	T13740848
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:39 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-5MTdqTDOKLAbGAxlvFrxw8zh0ctnAGTd5cpOdgzS5q6

-2-9-15 / 2-9-15 | 5-7-1 / 5-7-1 | 9-10-13 / 4-3-12

Scale: 1/2"=1'



5-7-1 / 5-7-1 | 8-10-13 / 3-3-12 | 9-10-13 / 1-0-0

Plate Offsets (X,Y)-- [2:0-4-11,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	0.61	Vert(LL)	0.08	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.15	6-7	>784	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 40 lb	FT = 0%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=130/Mechanical, 2=651/0-4-15, 5=332/Mechanical
Max Horz 2=65(LC 4)
Max Uplift 4=-31(LC 4), 2=-155(LC 4), 5=-42(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1266/187
BOT CHORD 2-7=-209/1233, 6-7=-209/1233
WEBS 3-7=-40/344, 3-6=-1288/218

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); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 5 except (jt=lb) 2=155.
6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 5-8=-20
Concentrated Loads (lb)
Vert: 10=-34(F=-17, B=-17) 12=-65(F=-32, B=-32) 13=-2(F=-1, B=-1) 14=-55(F=-28, B=-28)

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April 10,2018

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Job	Truss	Truss Type	Qty	Ply	
HAGLER_REV2	GIR1	Flat Girder	2	1	T13740849
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:40 2018 Page 1
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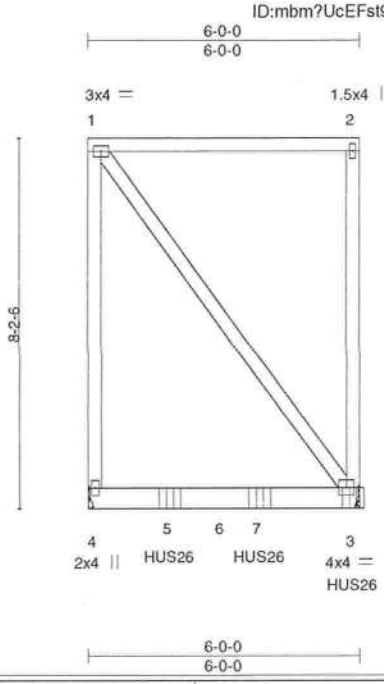

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	-0.07	3-4	>916	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.16	3-4	>425	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 59 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-4-14 oc bracing.

REACTIONS. (lb/size) 4=630/Mechanical, 3=968/Mechanical
Max Horz 4=-219(LC 6)
Max Uplift 4=-199(LC 4), 3=-228(LC 5)
Max Grav 4=755(LC 26), 3=1030(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-4=-257/191

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); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, 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) 4=199, 3=228.
7) Use USP HUS26 (With 16d nails into Girder & 16d nails into Truss) or equivalent spaced at 2-0-8 oc max. starting at 1-9-12 from the left end to 5-10-4 to connect truss(es) to back face of bottom chord.
8) Fill all nail holes where hanger is in contact with lumber.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 3-4=-20
Concentrated Loads (lb)
Vert: 3=-387(B) 5=-377(B) 7=-377(B)

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Job	Truss	Truss Type	Qty	Ply	T13740850
HAGLER_REV2	J1A	Jack-Open	2 *	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:41 2018 Page 1
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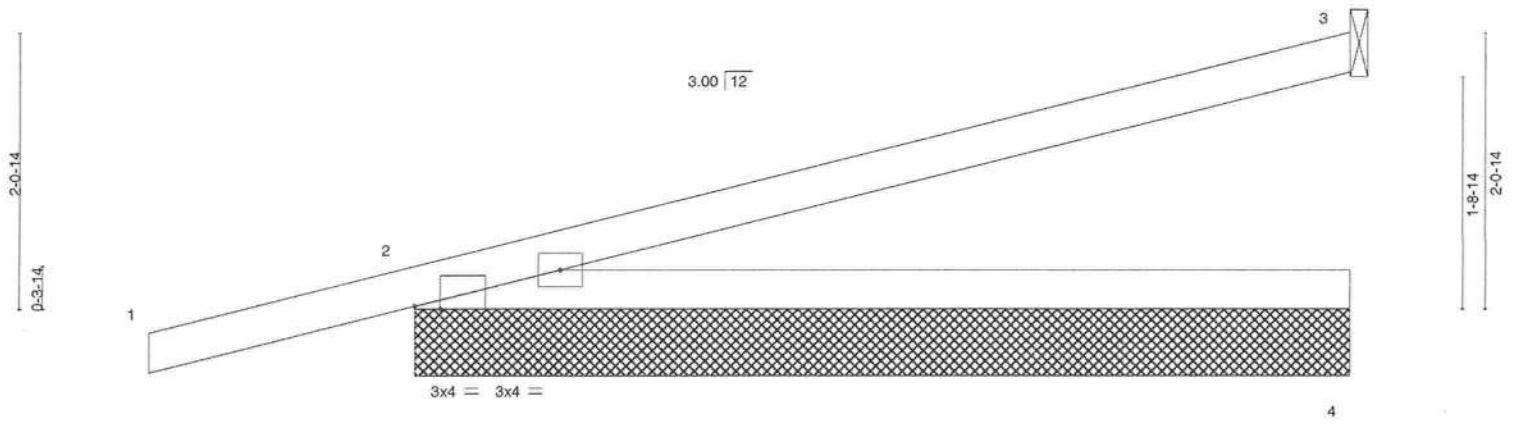

Plate Offsets (X,Y)-- [2:0-2-4,Edge]

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	0.56	Vert(LL)	0.08	4-7	>994	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.20	4-7	>421	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-AS							Weight: 24 lb	FT = 0%

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

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

REACTIONS. All bearings 7-0-0 except (jt=length) 3=Mechanical, 3=Mechanical.
(lb) - Max Horz 2=60(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 3, 2
Max Grav All reactions 250 lb or less at joint(s) 3, 3, 4 except 2=416(LC 1), 2=416(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=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 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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Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Job	Truss	Truss Type	Qty	Ply	
HAGLER_REV2	J2	Jack-Open	4 *	1	T13740851
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:41 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-1kbNF9FesyQIWT571gtP?Z269PhneEawZwIViZzS5q4

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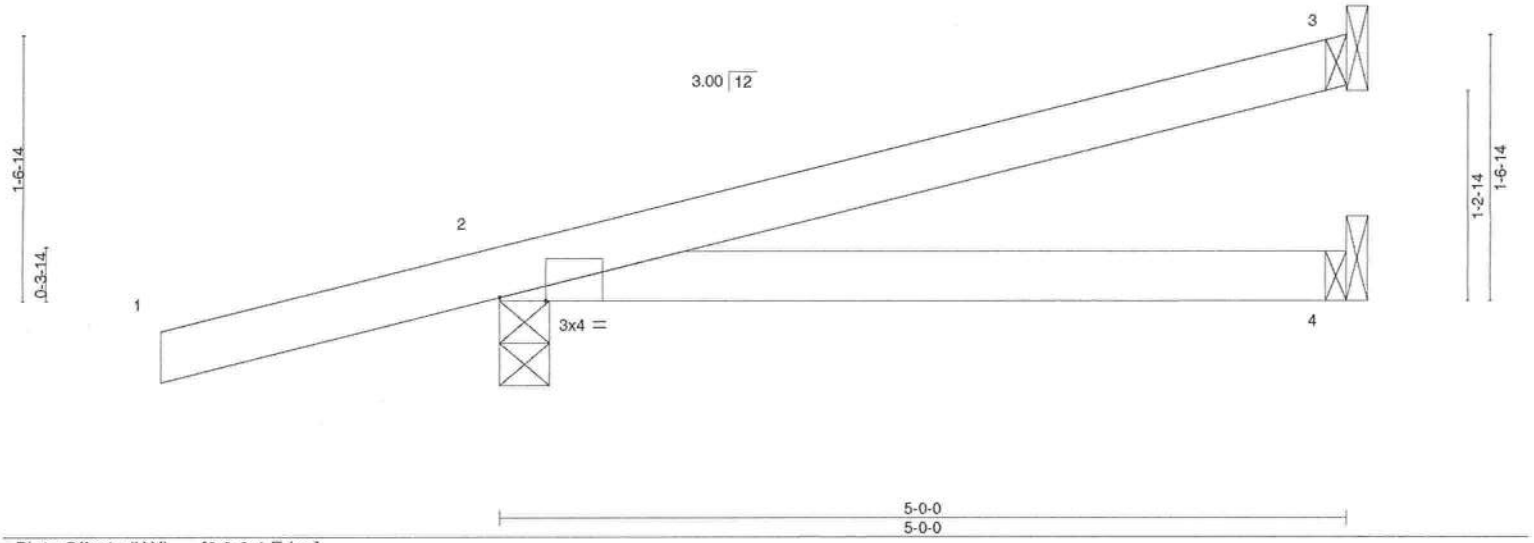

5-0-0 / 5-0-0

Plate Offsets (X,Y)-- [2:0-3-4,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	0.24	Vert(LL)	0.05	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	-0.05	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 18 lb	FT = 0%

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

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

REACTIONS. (lb/size) 3=117/Mechanical, 2=342/0-3-8, 4=56/Mechanical
Max Horz 2=48(LC 12)
Max Uplift 3=-24(LC 12), 2=-99(LC 12), 4=-13(LC 9)
Max Grav 3=117(LC 1), 2=342(LC 1), 4=84(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=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; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 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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April 10,2018

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Job	Truss	Truss Type	Qty	Ply	T13740852
HAGLER_REV2	J3	Jack-Open	4 *	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:42 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-Wx9mTVGGdGY97dgJbOOeXnbHnp4SNhq4na13E?zS5q3

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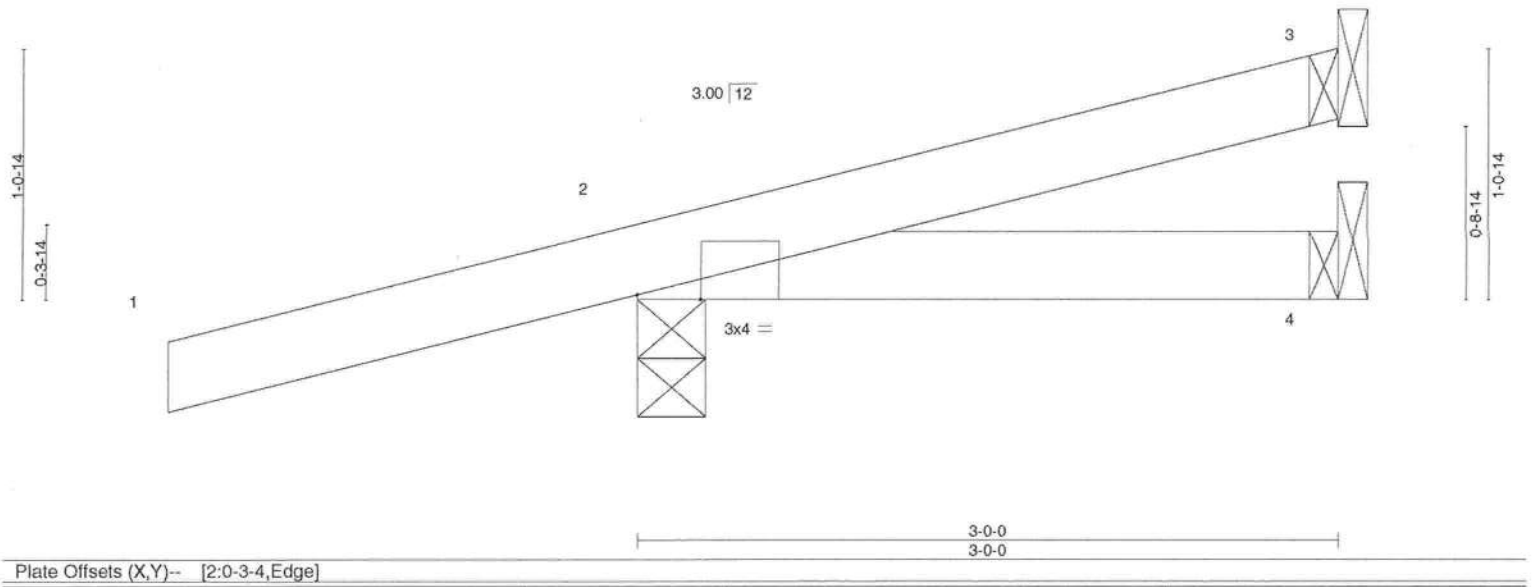
Scale = 1:9.9



3-0-0 / 3-0-0

Plate Offsets (X,Y)-- [2:0-3-4,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	0.25	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 12 lb	FT = 0%

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

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

REACTIONS. (lb/size) 3=53/Mechanical, 2=278/0-3-8, 4=24/Mechanical
Max Horz 2=36(LC 12)
Max Uplift 3=-8(LC 12), 2=-90(LC 12), 4=-8(LC 9)
Max Grav 3=53(LC 1), 2=278(LC 1), 4=44(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=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; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.

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Job	Truss	Truss Type	Qty	Ply	T13740853
HAGLER_REV2	J4	Jack-Open	4	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:43 2018 Page 1
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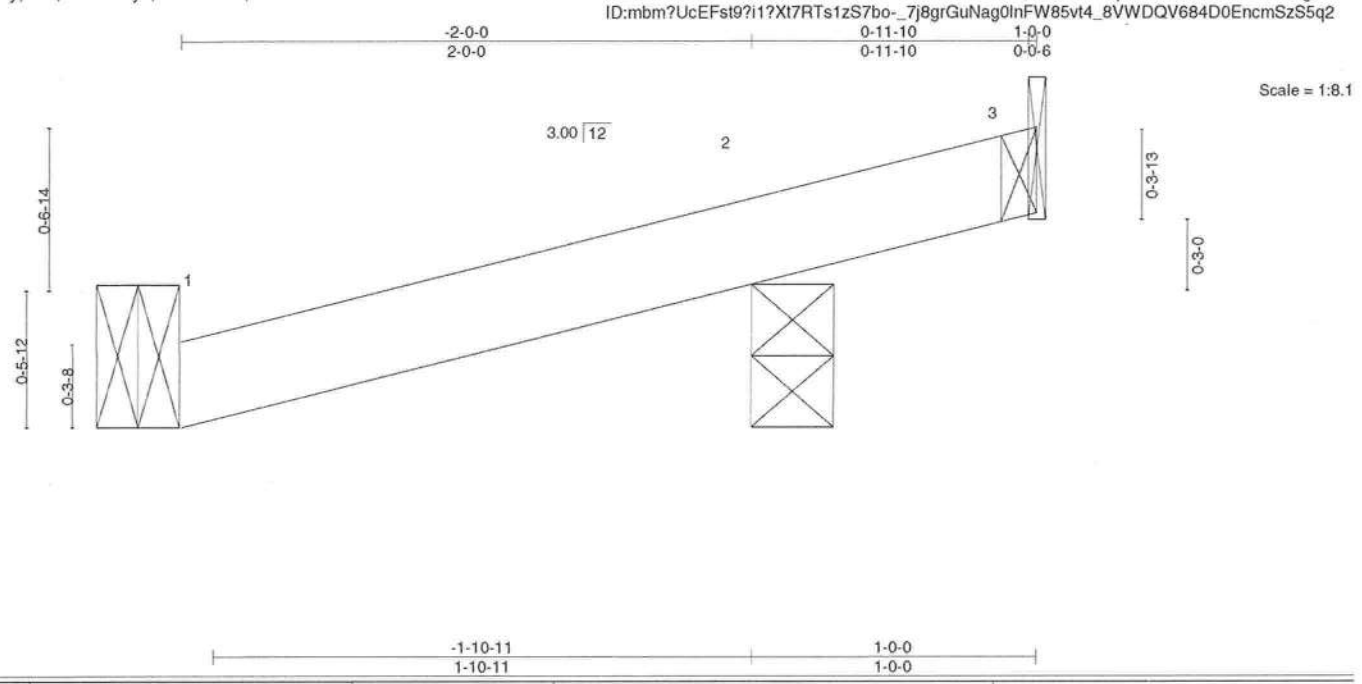

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.06	Vert(LL)	-0.00	1-2	>999	240		
TCDL	10.0	Lumber DOL	1.25	BC	0.00	Vert(CT)	-0.00	1-2	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 5 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2

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

REACTIONS. (lb/size) 1=60/Mechanical, 3=25/Mechanical, 2=85/0-3-8
Max Horz 2=17(LC 12)
Max Uplift 1=-13(LC 12), 3=-6(LC 12), 2=-15(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; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
3) Refer to girder(s) for truss to truss connections.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 2.
5) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.

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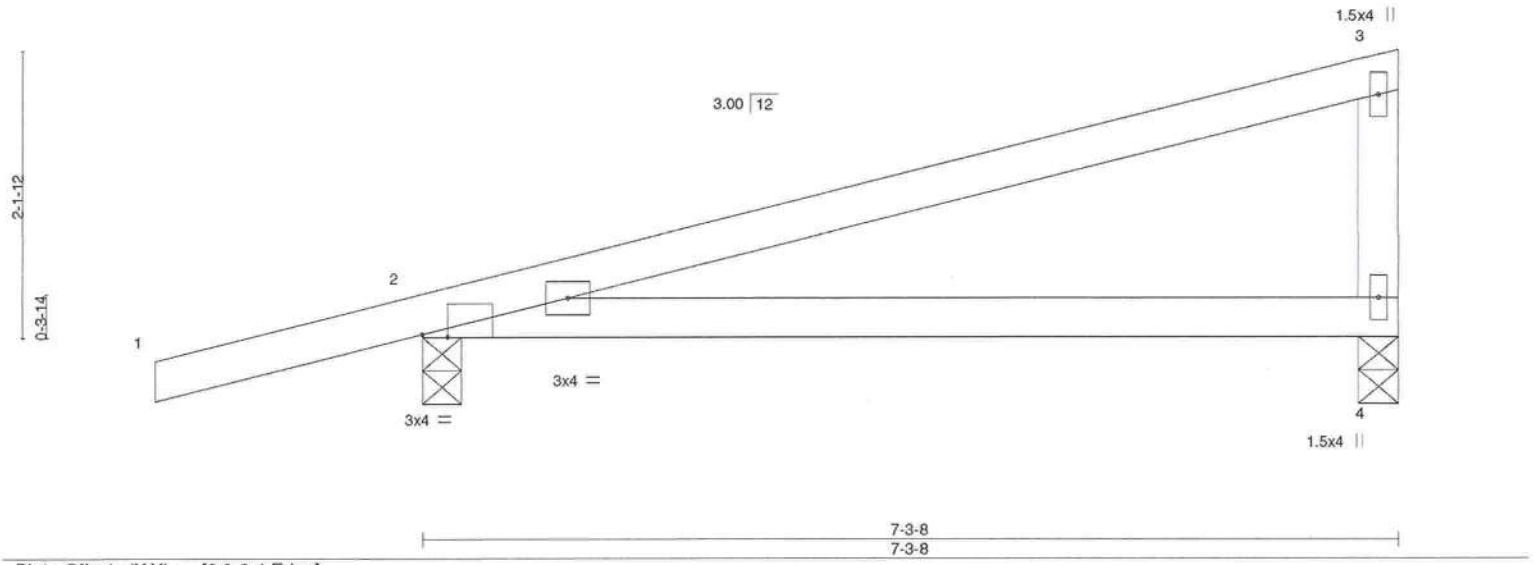
Date: April 10,2018

Job	Truss	Truss Type	Qty	Ply	T13740854
HAGLER_REV2	M1	Monopitch	12	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:43 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-_7j8grGuNag0lnFW85vt4_8M8DJn684D0EncmSzS5q2

-2-0-0 / 2-0-0 — 7-3-8 / 7-3-8

Scale = 1:17.3



7-3-8 / 7-3-8

Plate Offsets (X,Y)-- [2:0-2-4,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	0.60	Vert(LL)	0.25	4-7	>347	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.22	4-7	>396	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-AS							Weight: 27 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.

REACTIONS. (lb/size) 4=269/0-3-8, 2=423/0-3-8
Max Horz 2=57(LC 11)
Max Uplift 4=-55(LC 12), 2=-117(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; porch left 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=117.
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	T13740855
HAGLER_REV2	M2	Jack-Closed	6	1	Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.130 s Mar 11 2018 MiTek Industries, Inc. Tue Apr 10 13:52:45 2018 Page 1
ID:mbm?UcEFst9?i1?Xt7RTs1zS7bo-wWru5WI9vBwk_5PuGWxL9PDlg00da_EWTYGjrKzS5q0

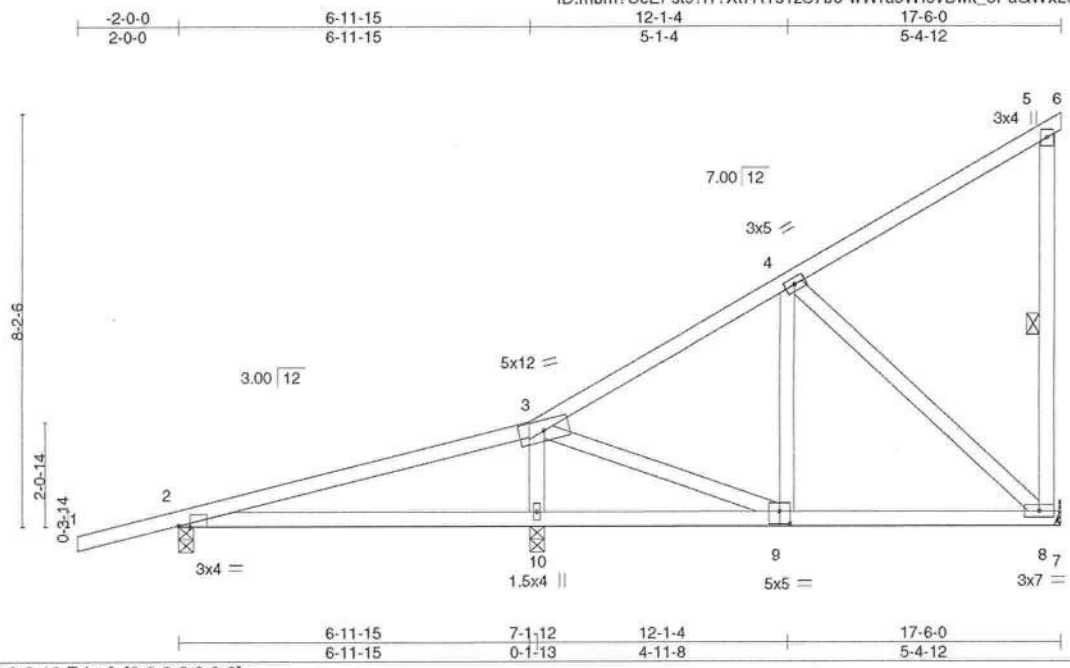

Plate Offsets (X,Y)-- [2:0-2-12,Edge], [9:0-2-8,0-3-0]

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	0.40	Vert(LL)	0.14	10-13	>624	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.12	10-13	>688	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 96 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 5-8

REACTIONS. (lb/size) 2=398/0-3-8, 10=713/0-3-8, 8=397/Mechanical
Max Horz 2=238(LC 11)
Max Uplift 2=-110(LC 8), 10=-55(LC 12), 8=-28(LC 9)
Max Grav 2=398(LC 1), 10=713(LC 1), 8=411(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-383/72
BOT CHORD 8-9=-146/340
WEBS 3-10=-549/188, 4-8=-334/100

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; porch left 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) 10, 8 except (jt=lb) 2=110.
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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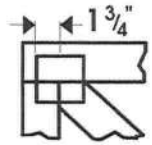
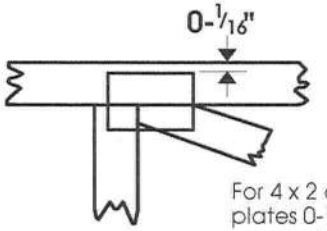
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

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

PLATE SIZE

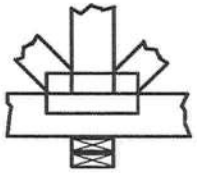
4 x 4

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

LATERAL BRACING LOCATION

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

BEARING

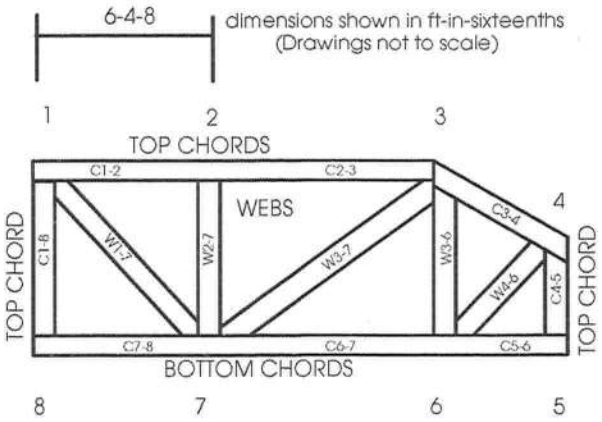


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

MiTek

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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