

Quote # T1719C
Order #



Duley Truss, Inc.
P.O. Box 340 Dunnellon, FL 34430
Office: (352) 465-0964
Fax: (352) 465-0463
duleytruss@bellsouth.net

Mailing Address:

LUMBER

Phone: (866) 755-7754

Contact: Glenda Dampier
Phone: (352)
Email: gddampier@aol.com

Job Delivery Address:

Name: **KIBLER RES 9/20/21**

Address:

Number:

Signer: Ryan Sherman

Quote # T1719C Order # Printed: 09/20/21

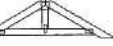
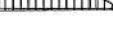
g Code: FRC2020/TPI2014	Wind Des Method	Exposure Cat	Occupancy Cat	Velocity / TC Dead / BC Dead
g Cat: Residential		C	II	140.000 / 4.200 / 6.000

ROOF TRUSSES

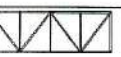
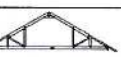
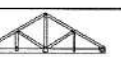
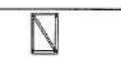
LOADING INFORMATION

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ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

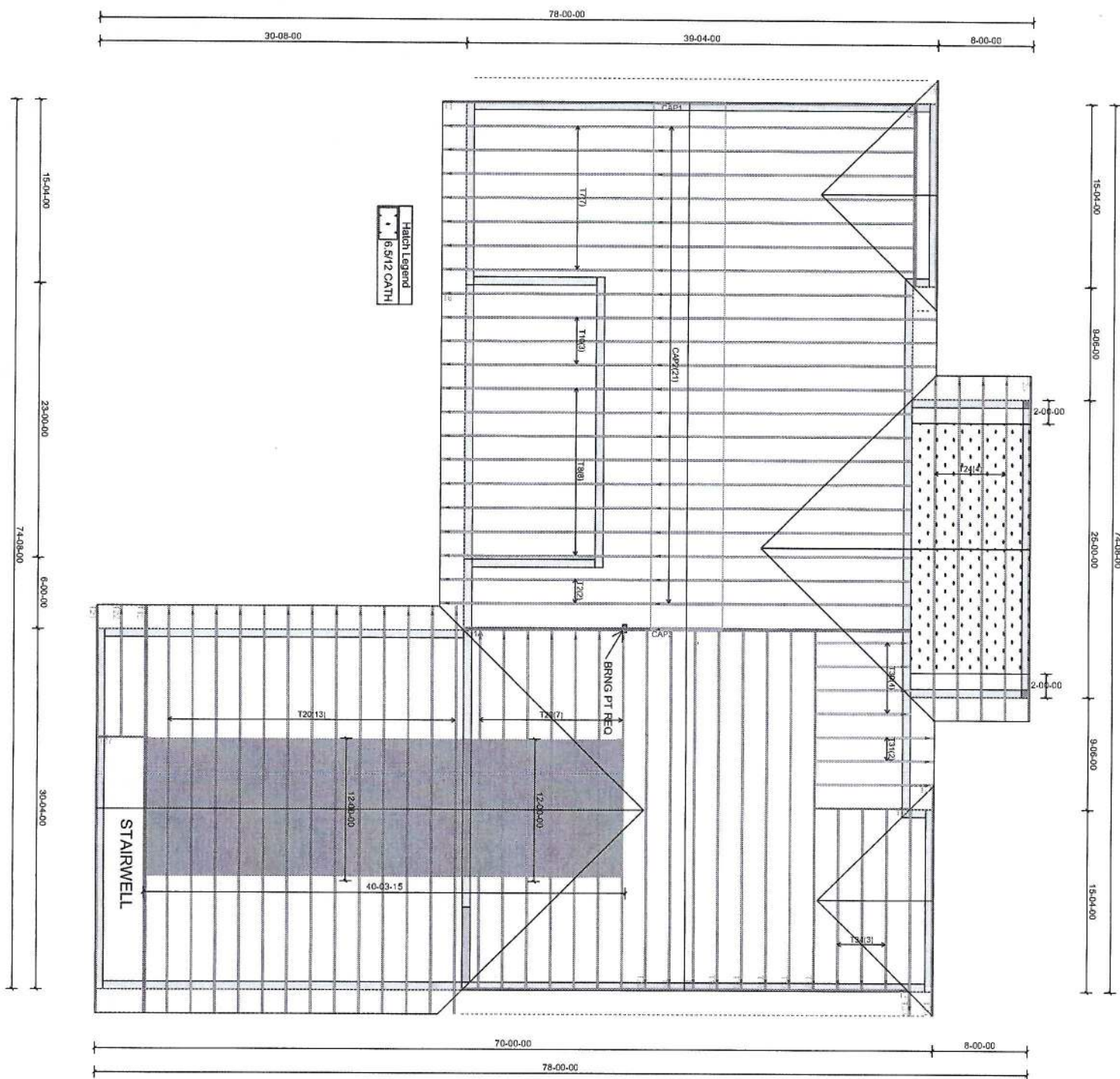
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PLY	BOT		O/A	BOT				
	1	7.00 0.00	CAP1	03-01-13 03-01-13	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	1 2 6 4 5 27.9 127.3 97.5 117.8 13.8 -21.0 -70.2 -1.3 -70.2 -4.3 00-03-08 00-10-03 02-05-01 03-11-15 04-06-10 00-00-00 00-03-06 00-03-06 00-03-06 00-00-00
	21	7.00 0.00	CAP2	04-03-11 04-03-11	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	1 2 6 4 5 37.0 180.7 133.3 168.6 37.0 -49.2 -108.1 -3.3 -108.1 -29.5 00-03-08 00-10-03 03-00-00 05-01-13 05-08-08 00-00-00 00-03-06 00-03-06 00-03-06 00-00-00
	1 2 Ply	7.00 0.00	CAP3	04-03-11 04-03-11	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	1 2 6 4 5 37.0 180.7 133.3 168.6 37.0 -49.2 -108.1 -3.3 -108.1 -29.5 00-03-08 00-10-03 03-00-00 05-01-13 05-08-08 00-00-00 00-03-06 00-03-06 00-03-06 00-00-00
	1	7.00 0.00	T1	37-04-00 37-04-00	2 X 4 2 X 4	02-00-00	Jt High Low Loc-X Loc-Y	2 41 40 39 38 37 264.3 196.8 152.7 164.6 161.7 162.6 -140.0 -59.8 -97.0 -83.9 -87.6 -83.7 00-00-00 03-01-01 05-01-01 07-01-01 09-01-01 11-01-01 00-01-12 00-01-12 00-01-12 00-01-12 00-01-12 00-01-12
	3	7.00 0.00	T10	37-04-00 37-04-00	2 X 4 2 X 4	02-00-00	Jt High Low Loc-X Loc-Y	2 19 13 438.1 1,842.5 1,219.6 -224.7 -590.4 -460.9 00-00-00 11-04-00 37-04-00 00-07-04 00-01-12 00-07-04
	1 2 Ply	7.00 0.00	T11A	37-04-00 37-04-00	2 X 4 2 X 8		Jt High Low Loc-X Loc-Y	1 17 10 4,063.2 13,594.5 4,936.0 -831.8 -4,649.4 -2,304.6 00-00-00 13-05-15 37-04-00 00-07-04 00-03-10 00-07-04
	1	0.00 0.00	T12	30-02-00 30-02-00	2 X 4 2 X 8		Jt High Low Loc-X Loc-Y	14 8 1,946.2 2,718.9 -911.8 -1,406.8 00-01-12 30-00-04 00-03-10 00-03-10
	1	0.00 0.00	T13	30-02-00 30-02-00	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	12 7 1,306.9 1,306.9 -490.3 -490.3 00-01-12 30-00-04 00-01-12 00-01-12
	1	0.00 0.00	T14	30-02-00 30-02-00	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	12 7 1,339.0 1,339.0 -504.5 -504.5 00-01-12 30-00-04 00-01-12 00-01-12

g Code: FRC2020/TP12014	Wind Des Method	Exposure Cat	Occupancy Cat	Velocity / TC Dead / BC Dead
g Cat: Residential		C	II	140.000 / 4.200 / 6.000

OOF TRUSSES		LOADING INFORMATION		TCLL-TCDL-BCLL-BCDL		STRESS INCR.		ROOF TRUSS SPACING:24.0 IN. O.C. (TYP.)									
				20.0,7.0,0.0,10.0		1.25											
ROFILE	QTY	TOP	ID	BASE	TOP	LEFT OH		REACTIONS									
	PLY	BOT		O/A	BOT	RIGHT OH											
	1	0.00	T15	30-02-00	2 X 4		Jt	12	7								
		0.00		30-02-00	2 X 4		High	1,366.9	1,366.9								
							Low	-521.2	-521.2								
							Loc-X	00-01-12	30-00-04								
							Loc-Y	00-01-12	00-01-12								
	1	0.00	T16	30-02-00	2 X 4		Jt	12	7								
		0.00		30-02-00	2 X 4		High	1,392.7	1,392.7								
							Low	-540.3	-540.3								
							Loc-X	00-01-12	30-00-04								
							Loc-Y	00-01-12	00-01-12								
	1 2 Ply	7.00	T19	30-04-00	2 X 8	02-00-00	Jt	2	10								
		0.00		30-04-00	2 X 8	02-00-00	High	1,972.1	1,809.0								
							Low	-704.0	-537.6								
							Loc-X	00-00-00	30-04-00								
							Loc-Y	00-07-04	00-07-04								
	2	7.00	T2	37-04-00	2 X 4	02-00-00	Jt	2	12								
		0.00		37-04-00	2 X 4		High	1,746.5	1,639.6								
							Low	-643.2	-501.4								
							Loc-X	00-00-00	37-04-00								
							Loc-Y	00-07-04	00-07-04								
	13	7.00	T20	30-04-00	2 X 8	02-00-00	Jt	2	10								
		0.00		30-04-00	2 X 8	02-00-00	High	1,597.1	1,597.1								
							Low	-415.4	-415.4								
							Loc-X	00-00-00	30-04-00								
							Loc-Y	00-07-04	00-07-04								
	1	7.00	T21	30-04-00	2 X 4	02-00-00	Jt	2	37	36	35	34	33				
		0.00		30-04-00	2 X 4	02-00-00	High	202.3	131.5	161.4	162.7	162.0	162.4				
							Low	-223.8	-20.0	-94.8	-85.9	-87.0	-85.4				
							Loc-X	00-00-00	01-02-00	03-02-00	05-02-00	07-02-00	09-02-00				
							Loc-Y	00-01-12	00-01-12	00-01-12	00-01-12	00-01-12	00-01-12				
	1	7.00	T22	09-00-08	2 X 4	02-00-00	Jt	2	6								
		0.00		09-00-08	2 X 4		High	471.8	351.1								
							Low	-261.1	-156.3								
							Loc-X	00-00-00	08-10-12								
							Loc-Y	00-07-04	00-01-12								
	1	7.00	T23	25-00-00	2 X 4	02-00-00	Jt	2	12								
		6.50		25-00-00	2 X 4	02-00-00	High	1,027.2	1,027.2								
							Low	-488.2	-488.2								
							Loc-X	00-05-13	24-06-03								
							Loc-Y	00-05-07	00-05-07								
	4	7.00	T24	25-00-00	2 X 4	02-00-00	Jt	2	10								
		6.50		25-00-00	2 X 4	02-00-00	High	1,036.9	1,036.9								
							Low	-470.6	-470.6								
							Loc-X	00-00-00	25-00-00								
							Loc-Y	00-07-04	00-07-04								
	2	7.00	T25	15-04-00	2 X 4	02-00-00	Jt	2	20	19	18	17	16				
		0.00		15-04-00	2 X 4	02-00-00	High	241.9	96.7	164.7	170.5	139.6	168.3				
							Low	-221.0	-30.0	-100.5	-85.0	0.0	-85.0				
							Loc-X	00-00-00	01-08-00	03-08-00	05-08-00	07-08-00	09-08-00				
							Loc-Y	00-01-12	00-01-12	00-01-12	00-01-12	00-01-12	00-01-12				
	1 2 Ply	7.00	T26	15-04-00	2 X 4		Jt	1	5								
		0.00		15-04-00	2 X 8		High	3,223.5	4,855.9								
							Low	-1,379.8	-1,975.4								
							Loc-X	00-00-00	15-04-00								
							Loc-Y	00-07-04	00-07-04								
	1	0.00	T27	03-10-08	2 X 4		Jt	4	3								
		0.00		03-10-08	2 X 6		High	447.0	447.0								
							Low	-398.8	-398.8								
							Loc-X	00-01-12	03-08-12								
							Loc-Y	00-02-12	00-02-12								
	1	0.00	T28	30-02-00	2 X 4		Jt	12	7								
		0.00		30-02-00	2 X 4		High	1,385.8	1,385.8								
							Low	-534.9	-534.9								
							Loc-X	00-01-12	30-00-04								
							Loc-Y	00-01-12	00-01-12								
	7	7.00	T29	30-04-00	2 X 8		Jt	1	9								
		0.00		30-02-00	2 X 8		High	1,483.3	1,486.3								
							Low	-282.5	-281.2								
							Loc-X	00-00-00	30-02-00								
							Loc-Y	00-07-04	00-08-06								

g Code: FRC2020/TPI2014	Wind Des Method	Exposure Cat	Occupancy Cat	Velocity / TC Dead / BC Dead
g Cat: Residential		C	II	140.000 / 4.200 / 6.000

OOF TRUSSES		LOADING INFORMATION		TCLL-TCDL-BCLL-BCDL		STRESS INCR.		ROOF TRUSS SPACING:24.0 IN. O.C. (TYP.)							
				20.0,7.0,0.0,10.0		1.25									
ROFILE	QTY	TOP	ID	BASE	TOP	LEFT OH		REACTIONS							
	PLY	BOT		O/A	BOT	RIGHT OH									
	1	7.00 0.00	T3	37-04-00 37-04-00	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	1 42 41 40 39 38	175.8 -86.1 00-00-00 00-01-12	218.9 -117.9 02-08-00 00-01-12	153.1 -84.8 04-08-00 00-01-12	164.5 -86.9 06-08-00 00-01-12	161.7 -86.5 08-08-00 00-01-12	162.4 -86.8 10-08-00 00-01-12	
	4	7.00 0.00	T30	07-10-08 07-10-08	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	1 4 3	301.9 -31.5 00-00-00 00-07-04	137.6 -0.8 07-09-12 00-01-12	206.3 -179.7 07-09-12 05-01-15				
	2	7.00 0.00	T31	07-10-08 07-10-08	2 X 4 2 X 4	02-00-00	Jt High Low Loc-X Loc-Y	2 5 4	434.4 -188.6 00-00-00 00-07-04	134.9 0.0 07-09-12 00-01-12	196.8 -166.9 07-09-12 05-01-15				
	1	7.00 0.00	T32	07-10-08 07-10-08	2 X 4 2 X 4	02-00-00	Jt High Low Loc-X Loc-Y	2 5 4	434.4 -188.6 00-00-00 00-07-04	134.9 0.0 07-09-12 00-01-12	196.8 -166.9 07-09-12 05-01-15				
	1	7.00 0.00	T33	15-04-00 15-04-00	2 X 4 2 X 4	02-00-00	Jt High Low Loc-X Loc-Y	2 6	689.7 -352.5 00-00-00 00-07-04	556.8 -194.9 15-04-00 00-07-04					
	3	7.00 0.00	T34	15-04-00 15-02-00	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	1 5	561.1 -206.0 00-02-00 00-08-06	561.1 -205.6 15-04-00 00-07-04					
	1	7.00 0.00	T35	07-10-08 07-10-08	2 X 4 2 X 8		Jt High Low Loc-X Loc-Y	1 4	1,082.4 -410.5 00-00-00 00-07-04	1,113.0 -468.7 07-08-12 00-03-10					
	1	0.00 0.00	T4	30-02-00 30-02-00	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	12 7	1,338.1 -455.5 00-01-12 00-01-12	1,338.1 -455.5 30-00-04 00-01-12					
	1	0.00 0.00	T5	30-02-00 30-02-00	2 X 4 2 X 4		Jt High Low Loc-X Loc-Y	12 7	1,335.8 -455.5 00-01-12 00-01-12	1,335.8 -455.5 30-00-04 00-01-12					
	7	7.00 0.00	T7	37-04-00 37-04-00	2 X 4 2 X 4	02-00-00	Jt High Low Loc-X Loc-Y	2 12	1,761.7 -647.8 00-00-00 00-07-04	1,620.5 -496.9 37-04-00 00-07-04					
	9	7.00 0.00	T8	37-04-00 37-04-00	2 X 4 2 X 4	02-00-00	Jt High Low Loc-X Loc-Y	2 17 12	443.3 -236.5 00-00-00 00-07-04	1,827.2 -581.0 11-04-00 00-01-12	1,117.4 -327.1 37-04-00 00-07-04				



JOB NO. T1719C	Customer: 84 LUMBER Description: KIBLER RES 9/20/21 Designer: Ryan Sherman	Pitch: --- Overhang: ---	PRODUCT APPROVAL NUMBER FL 2197.4 MT20 PLATES MITEK INDUSTRIES, INC.	 DULEY TRUSS INC. (352) 465-0964
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Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: T1719C - KIBLER RES 9/20/21

MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: 84 LUMBER Project Name: KIBLER RES Model: 000
Lot/Block: 000 Subdivision: 000
Address: 000, 000
City: 000 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: FRC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 140 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 34 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.

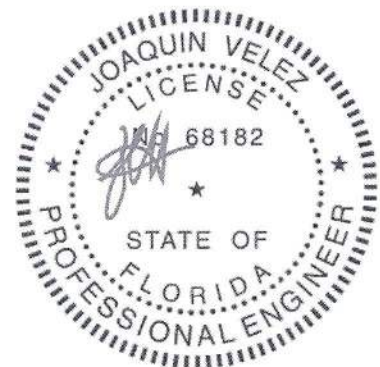
No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T25399705	CAP1	9/21/21	23	T25399727	T24	9/21/21
2	T25399706	CAP2	9/21/21	24	T25399728	T25	9/21/21
3	T25399707	CAP3	9/21/21	25	T25399729	T26	9/21/21
4	T25399708	T1	9/21/21	26	T25399730	T27	9/21/21
5	T25399709	T2	9/21/21	27	T25399731	T28	9/21/21
6	T25399710	T3	9/21/21	28	T25399732	T29	9/21/21
7	T25399711	T4	9/21/21	29	T25399733	T30	9/21/21
8	T25399712	T5	9/21/21	30	T25399734	T31	9/21/21
9	T25399713	T7	9/21/21	31	T25399735	T32	9/21/21
10	T25399714	T8	9/21/21	32	T25399736	T33	9/21/21
11	T25399715	T10	9/21/21	33	T25399737	T34	9/21/21
12	T25399716	T11A	9/21/21	34	T25399738	T35	9/21/21
13	T25399717	T12	9/21/21				
14	T25399718	T13	9/21/21				
15	T25399719	T14	9/21/21				
16	T25399720	T15	9/21/21				
17	T25399721	T16	9/21/21				
18	T25399722	T19	9/21/21				
19	T25399723	T20	9/21/21				
20	T25399724	T21	9/21/21				
21	T25399725	T22	9/21/21				
22	T25399726	T23	9/21/21				

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

Truss Design Engineer's Name: Velez, Joaquin

My license renewal date for the state of Florida is February 28, 2023.

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



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

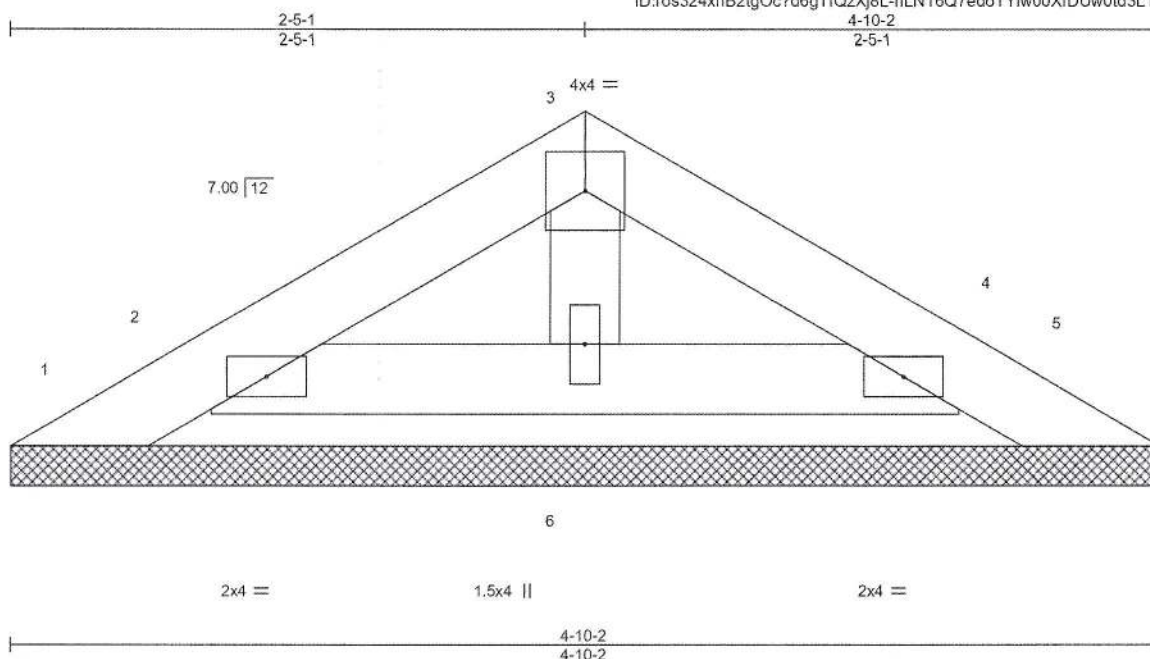
September 21, 2021

Velez, Joaquin

1 of 1

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399705
T1719C	CAP1	GABLE	1	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:26 2021 Page 1
ID:ros324xfB2tgOc?d6gTfQzXj8L-hLN16Q7edoTYiw00XfDUw0td3L1NLL08hU15USybkOt



Scale = 1:9.7

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.05	Vert(LL)	n/a	-	n/a	999	MT20
TCDL 7.0	Lumber DOL	1.25	BC 0.02	Vert(CT)	n/a	-	n/a	999	244/190
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.02	Horz(CT)	0.00	5	n/a	n/a	
BCDL 10.0	Code FRC2020/TPI2014		Matrix-P						
									Weight: 14 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD 2x4 SP No.2D	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS.	All bearings 4-10-2.
(lb) - Max Horz 1=-41(LC 10)	
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 2, 4, 6	
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 2, 4, 6	

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
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- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpl=0.18; MWFRS (directional) and C-C Exterior(2E) 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
 - 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.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 2, 4, 6.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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

September 21,2021

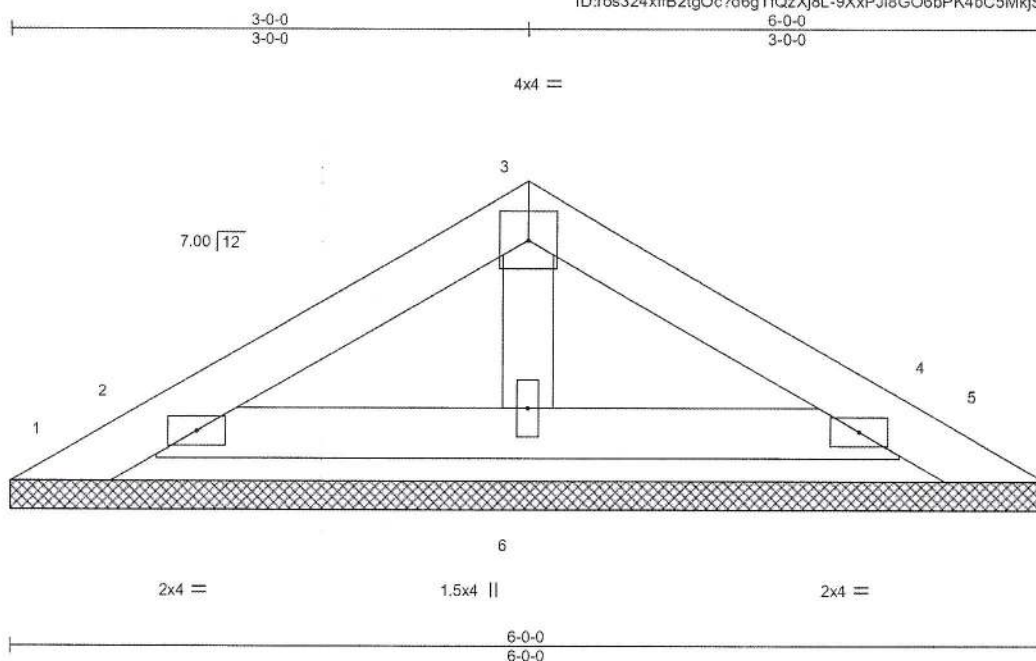
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE
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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399706
T1719C	CAP2	GABLE	21	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:27 2021 Page 1
ID:ros324xfB2tgOc?d6gTfQzXj8L-9XxPJl8GO6bPK4bC5MkjSEPnBIMJ4n8lw8me1vybkOs



Scale = 1:13.4

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.09	Vert(LL) n/a	-	n/a	999	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.04	Vert(CT) n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) 0.00	4	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014	Matrix-P						
							Weight: 18 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
OTHERS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6'-0" oc purlins.
BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

REACTIONS.

All bearings 6'-0".
(lb) - Max Horz 1=52(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 6 except 2=108(LC 12), 4=108(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 2, 4, 6

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCPI=0.18; MWFRS (directional) and C-C Exterior(2E) 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
- 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.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2'-0" oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-6" tall by 2'-0" wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 6 except (jt=lb) 2=108, 4=108.
- See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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

September 21,2021

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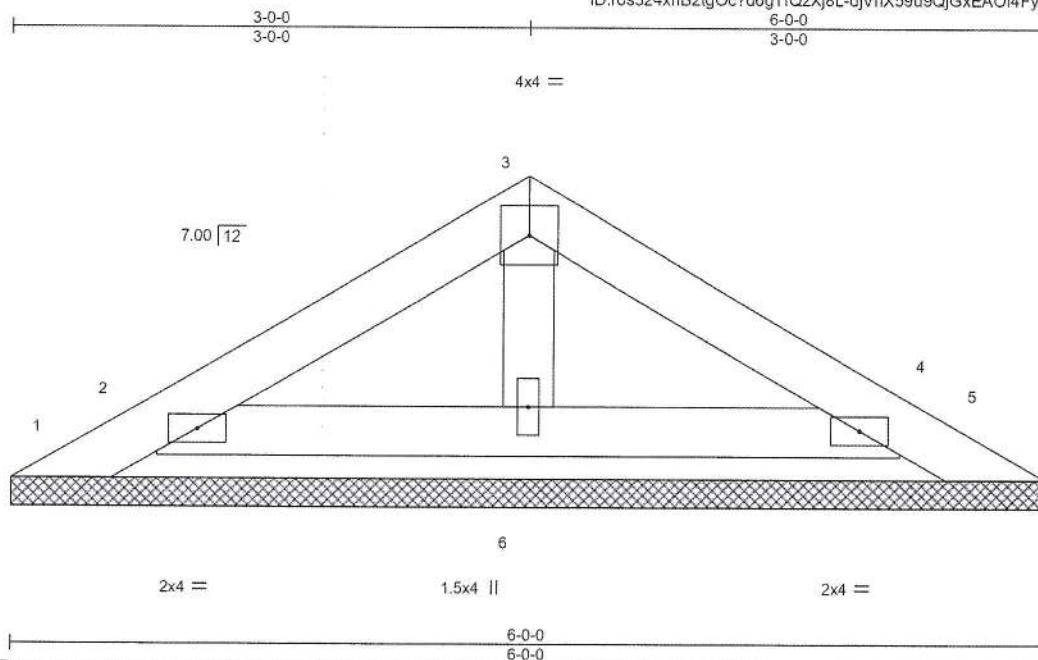


6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399707
T1719C	CAP3	GABLE	1	2	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430.

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:28 2021 Page 1
ID:ros324xfB2lgOc?d6gTfQzXj8L-djVnX59u9QjGxEAO4Fy?Ryy9itpEbR8oWCZLybkOr



Scale = 1:13.4

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.04	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.02	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.01	Horz(CT)	0.00	4	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-P						
								Weight: 36 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 6'-0-0 oc purlins.
BOT CHORD 2x4 SP No.2D	BOT CHORD Rigid ceiling directly applied or 10'-0-0 oc bracing.
OTHERS 2x4 SP No.3	

REACTIONS.	All bearings 6'-0-0.
(lb) - Max Horz	1=52(LC 10)
Max Uplift	All uplift 100 lb or less at joint(s) 1, 5, 6 except 2=108(LC 12), 4=108(LC 12)
Max Grav	All reactions 250 lb or less at joint(s) 1, 5, 2, 4, 6

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

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 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
 - 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.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2'-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 6 except (jt=lb) 2=108, 4=108.
 - See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



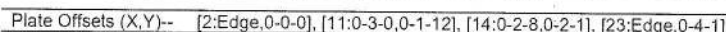
Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 21,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITK REFERENCE PAGE MH-7473 rev. 5/19/2020 BEFORE USE
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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



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Tampa, FL 33610



Weight: 273 lb FT = 20%

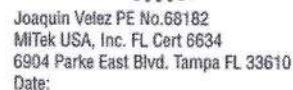
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except 2-0-0 oc purlins (6-0-0 max.); 11-14.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 14-31, 13-32, 12-34, 10-35, 15-30

Max Grav All reactions 250 lb or less at joint(s) 23, 31, 32, 34, 35, 36, 37, 38, 39, 40, 41, 30, 29, 28, 27, 26, 25, 24 except 2=264(LC 1)

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

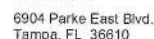
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDF=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=37ft; eave=2ft; Cat. II; Exp C; End., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) 2-0-14 to 1-7-15, Exterior(2N) 1-7-15 to 16-2-15, Corner(3R) 16-2-15 to 19-11-12, Exterior(2N) 19-11-12 to 21-1-1, Corner(3R) 21-1-1 to 25-1-1, Exterior(2N) 25-1-1 to 37-4-0 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) Provide adequate drainage to prevent water ponding.
- 5) All plates are 1.5x4 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 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) 23, 32, 35, 37, 38, 39, 40, 41, 30, 29, 28, 27, 26, 25 except (jt=lb) 2=140, 36=105, 24=108.
- 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



September 21, 2021

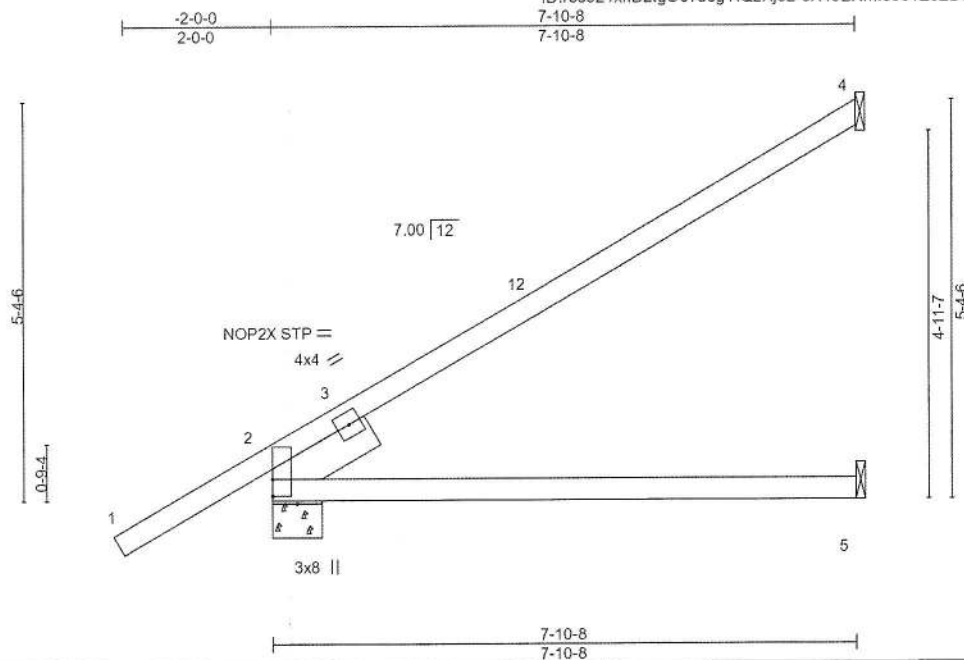
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-747.3 rev. 5/19/2020 BEFORE USE

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Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399735
1719C	T32	Jack-Open	1	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:19 2021 Page 1
ID:ros324xfB2tgOc?d6gTfQzXj8L-eX43EXmt8581Z3ZB8HgvZCZSBiyJFJPytENPsuybkO2



Scale = 1:31.2

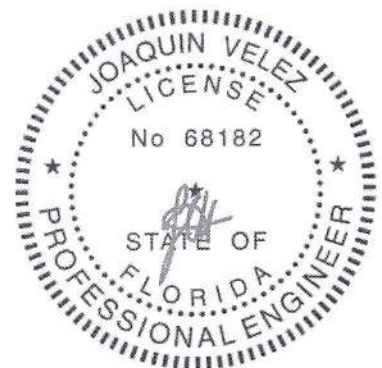
Plate Offsets (X,Y)-- [2:Edge,0-0-0]											
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d			PLATES GRIP		
TCLL	20.0	Plate Grip DOL	1.25	TC	0.91	Vert(LL)	0.19	5-10	>494	240	MT20 244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.28	5-10	>335	180	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.10	4	n/a	n/a	
BCDL	10.0	Code FRC2020/TPI2014		Matrix-MP							Weight: 32 lb FT = 20%

LUMBER-			BRACING-		
TOP CHORD	2x4 SP No.2D		TOP CHORD	Structural wood sheathing directly applied.	
BOT CHORD	2x4 SP No.2D		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.	
SLIDER	Left 2x6 SP No.1 1-6-0				

REACTIONS. (size) 4=Mechanical, 2=0-8-0, 5=Mechanical
Max Horz 2=303(LC 12)
Max Uplift 4=-167(LC 12), 2=-189(LC 12)
Max Grav 4=197(LC 17), 2=434(LC 1), 5=135(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-738/300

NOTES-
1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpl=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 7-9-12 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) All plates are MT20 plates unless otherwise indicated.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=167, 2=189.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 21,2021

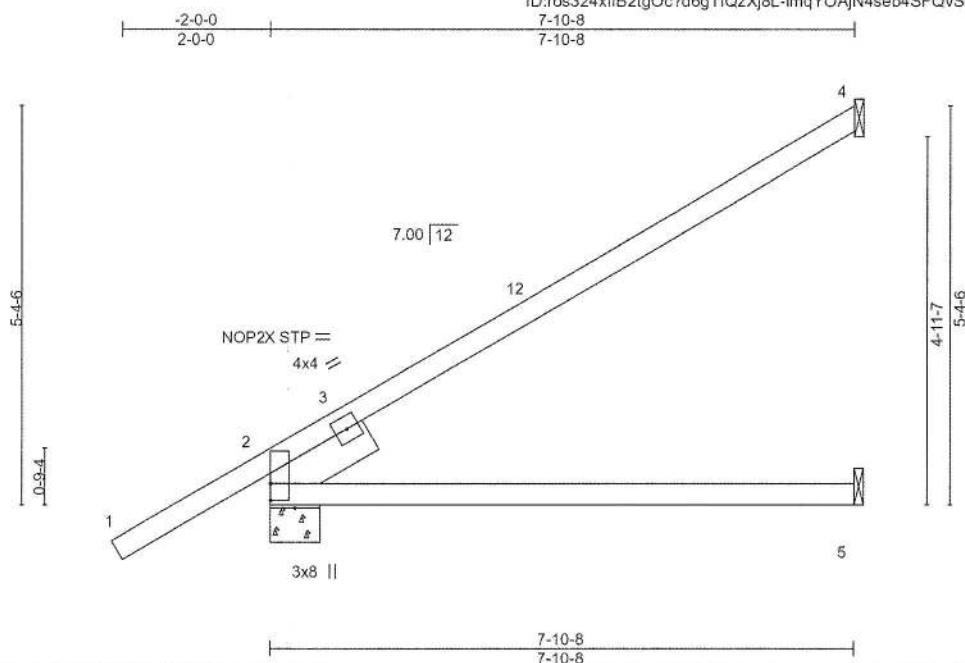
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MII-7473 rev. 5-19-2020 BEFORE USE
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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399734
1719C	T31	Jack-Open	2	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:15 2021 Page 1
ID:ros324xffb2tgOc?d6gTfQzXj8L-lmqYOAjN4seb4SFQvSbzPMOnC5bNJVPMyCBj7ybkO6



Scale = 1:31.2

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

LOADING (psf)	SPACING-	CS.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.91	Vert(LL)	0.19	5-10	>494	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.69	Vert(CT)	-0.28	5-10	>335	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT)	0.10	4	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014	Matrix-MP						Weight: 32 lb	FT = 20%

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

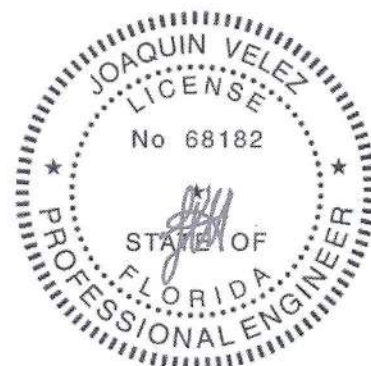
BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-8-0, 5=Mechanical
Max Horz 2=303(LC 12)
Max Uplift 4=167(LC 12), 2=189(LC 12)
Max Grav 4=197(LC 17), 2=434(LC 1), 5=135(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=738/300

NOTES-

- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vaed=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 7-9-12 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) All plates are MT20 plates unless otherwise indicated.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=167, 2=189.



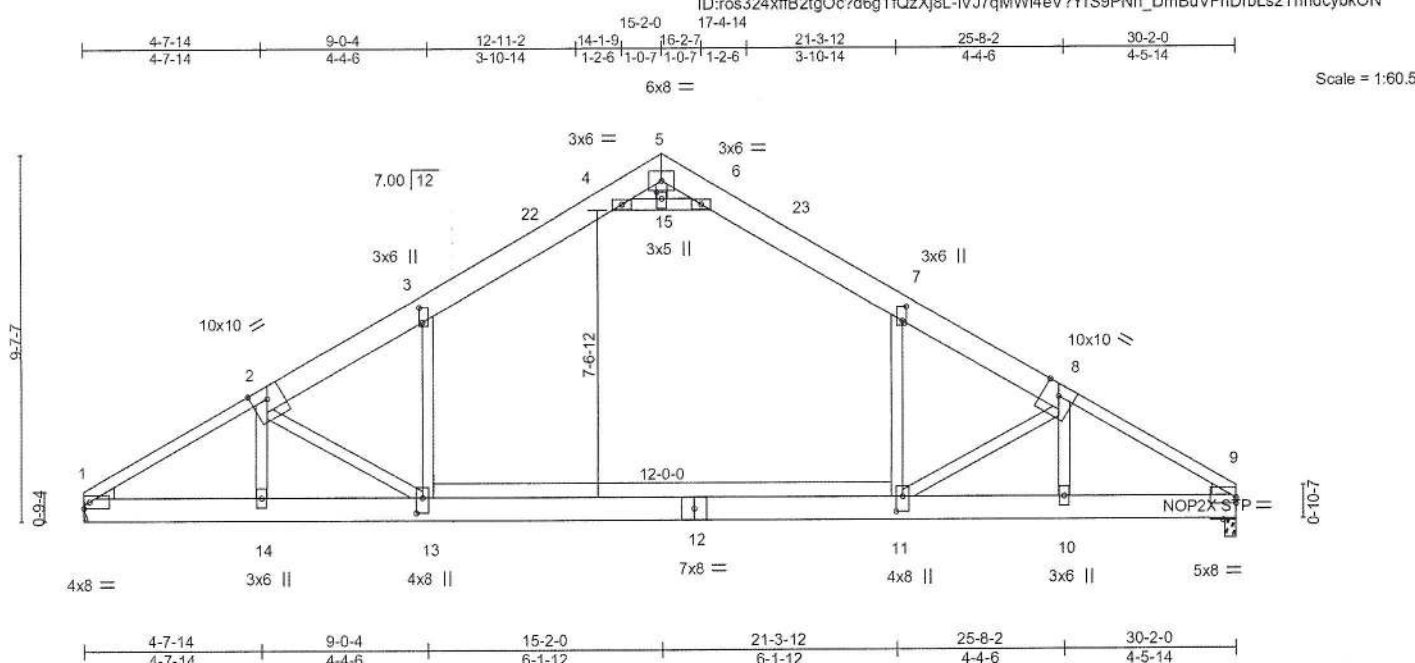
Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

September 21, 2021

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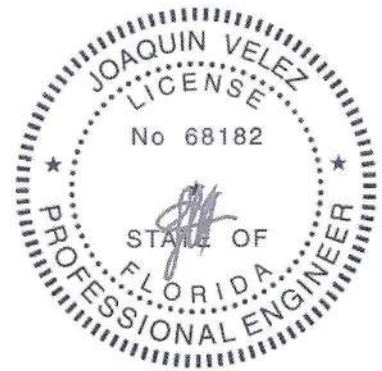
LOADING (psf)	SPACING-	CSL	DEFL.	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.85	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.70	Vert(LL) -0.33 11-13 >999 240		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.95	Vert(CT) -0.61 11-13 >597 180		
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) 0.02 9 n/a n/a		
	Code FRC2020/TPI2014		Attic -0.16 11-13 930 360	Weight: 228 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x8 SP No.1D *Except* 1-2,8-9: 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 3-7-9 oc purlins.
BOT CHORD 2x8 SP No.1D	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	
WEDGE	
Left: 2x4 SP No.3, Right: 2x4 SP No.3	

REACTIONS.
(size) 1=Mechanical, 9=0-3-8
Max Horz 1=-284(LC 10)
Max Uplift 1=-283(LC 12), 9=-281(LC 12)
Max Grav 1=1483(LC 18), 9=1486(LC 19)

FORCES.
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2303/467, 2-3=-2186/377, 3-4=-1649/449, 4-5=-129/1270, 5-6=-128/1266, 6-7=-1653/450, 7-8=-2181/375, 8-9=-2214/448
BOT CHORD 1-14=-340/2146, 13-14=-340/2156, 11-13=-117/1774, 10-11=-315/1866, 9-10=-314/1852
WEBS 7-11=0/936, 8-11=-416/258, 3-13=0/951, 2-13=-489/277, 4-15=-3320/691, 6-15=-3320/691, 5-15=-120/653, 2-14=-389/41, 8-10=-466/27

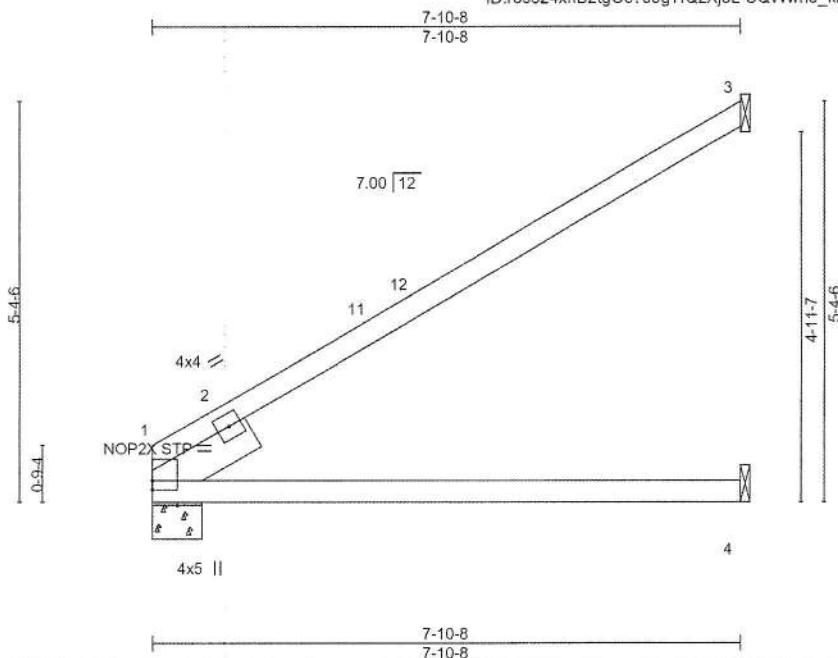
- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-0-0 to 3-0-6, Interior(1) 3-0-6 to 15-2-0, Exterior(2R) 15-2-0 to 18-2-6, Interior(1) 18-2-6 to 30-2-0 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
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-15, 6-15; Wall dead load (5.0psf) on member(s).7-11, 3-13
 - Bottom chord live load (30.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 11-13
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=283, 9=281.
 - Attic room checked for L/360 deflection.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 21,2021

ob	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399733
1719C	T30	Jack-Open	4	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:08 2021 Page 1
ID:ros324xtfB2tgOc?d6gTfQzXj8L-SQvvvne_kilalND4?UzKdteZxHAvAKhKL0CJz0ybKOD



Scale = 1:31.0

Plate Offsets (X,Y)-- [1:Edge,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 0.98	Vert(LL)	0.24	4-9	>391	240	MT20	244/190
TCCL 7.0	Lumber DOL	1.25	BC 0.81	Vert(CT)	-0.27	4-9	>342	180		
BCCL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.11	3	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MP						Weight: 29 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
SLIDER Left 2x6 SP No.1 1-6-0

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 8-5-4 oc bracing.

REACTIONS.

(size) 1=0-8-0, 3=Mechanical, 4=Mechanical
Max Horz 1=217(LC 12)
Max Uplift 1=32(LC 12), 3=180(LC 12), 4=1(LC 12)
Max Grav 1=302(LC 1), 3=206(LC 17), 4=138(LC 3)

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

TOP CHORD 1-3=457/127

NOTES-

- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 7-9-12 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) All plates are MT20 plates unless otherwise indicated.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4 except (jt=lb) 3=180.



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

September 21, 2021

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6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399723
1719C	T20	Attic	13	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8,430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:47 2021 Page 1
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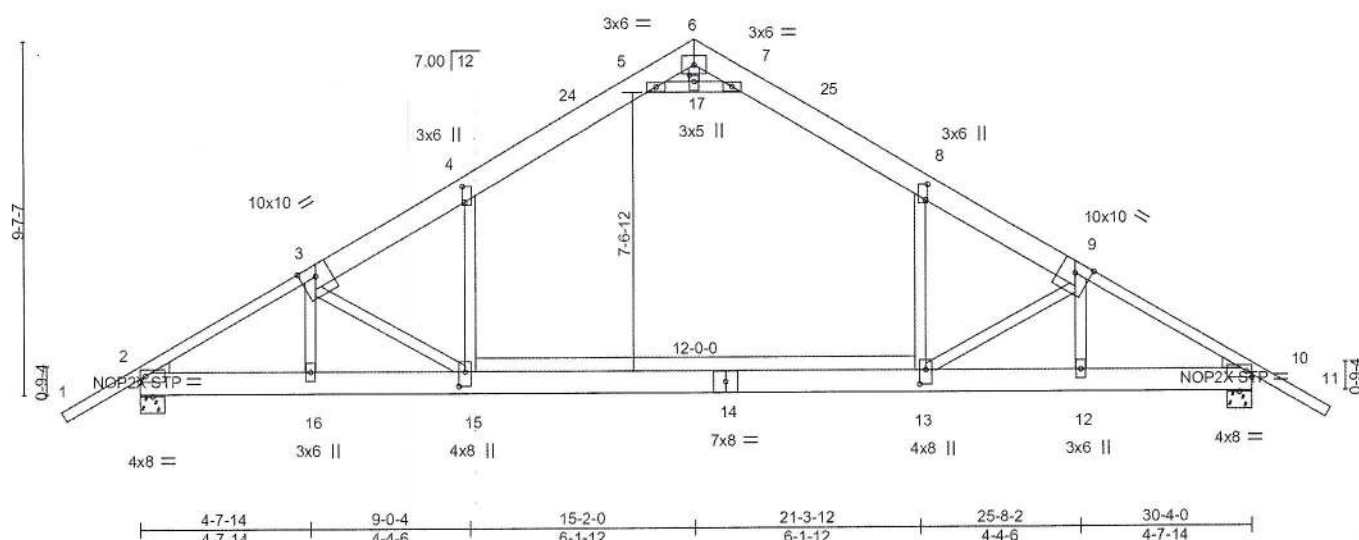
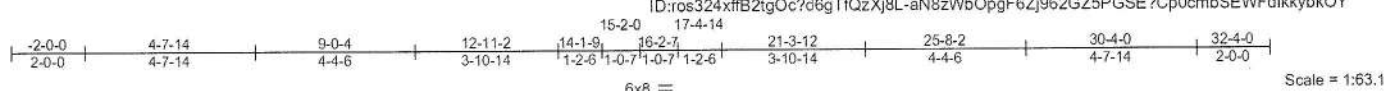


Plate Offsets (X,Y)--	[4:0-5-0,0-0-12], [8:0-5-0,0-0-12], [13:0-4-12,0-2-0], [15:0-4-12,0-2-0], [17:0-2-0,0-1-8]
-----------------------	--

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.85	Vert(LL)	-0.33	13-15	>999	240	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.71	Vert(CT)	-0.61	13-15	>597	180	
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.96	Horz(CT)	0.02	10	n/a	n/a	
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS	Attic	-0.16	13-15	928	360	
								Weight: 235 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x8 SP No.1D *Except* 1-3,9-11: 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 3-11-15 oc purlins.
BOT CHORD 2x8 SP No.1D	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	
WEDGE	

Left: 2x4 SP No.3, Right: 2x4 SP No.3

REACTIONS.	(size) 2=0-8-0, 10=0-8-0
Max Horz 2=326(LC 11)	
Max Uplift 2=-415(LC 12), 10=-415(LC 12)	
Max Grav 2=1597(LC 18), 10=1597(LC 19)	

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-2266/421, 3-4=-2192/355, 4-5=-1656/437, 5-6=-113/1272, 6-7=-113/1273, 7-8=-1656/438, 8-9=-2192/356, 9-10=-2269/420
BOT CHORD	2-16=-208/2136, 15-16=-209/2148, 13-15=-34/1802, 12-13=-239/1906, 10-12=-238/1894
WEBS	8-13=0/952, 9-13=-445/254, 4-15=0/952, 3-15=-445/254, 5-17=-3332/659, 7-17=-3332/659, 6-17=-113/655, 3-16=-408/60, 9-12=-410/60

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCPI=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-11-8, Interior(1) 0-11-8 to 15-2-0, Exterior(2R) 15-2-0 to 18-2-6, Interior(1) 18-2-6 to 32-4-14 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
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-17, 7-17; Wall dead load (5.0psf) on member(s).8-13, 4-15
 - Bottom chord live load (30.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 13-15
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=415, 10=415.
 - Attic room checked for L/360 deflection.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: September 21,2021

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Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399724
T1719C	T21	Common Supported Gable	1	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:48 2021 Page 1
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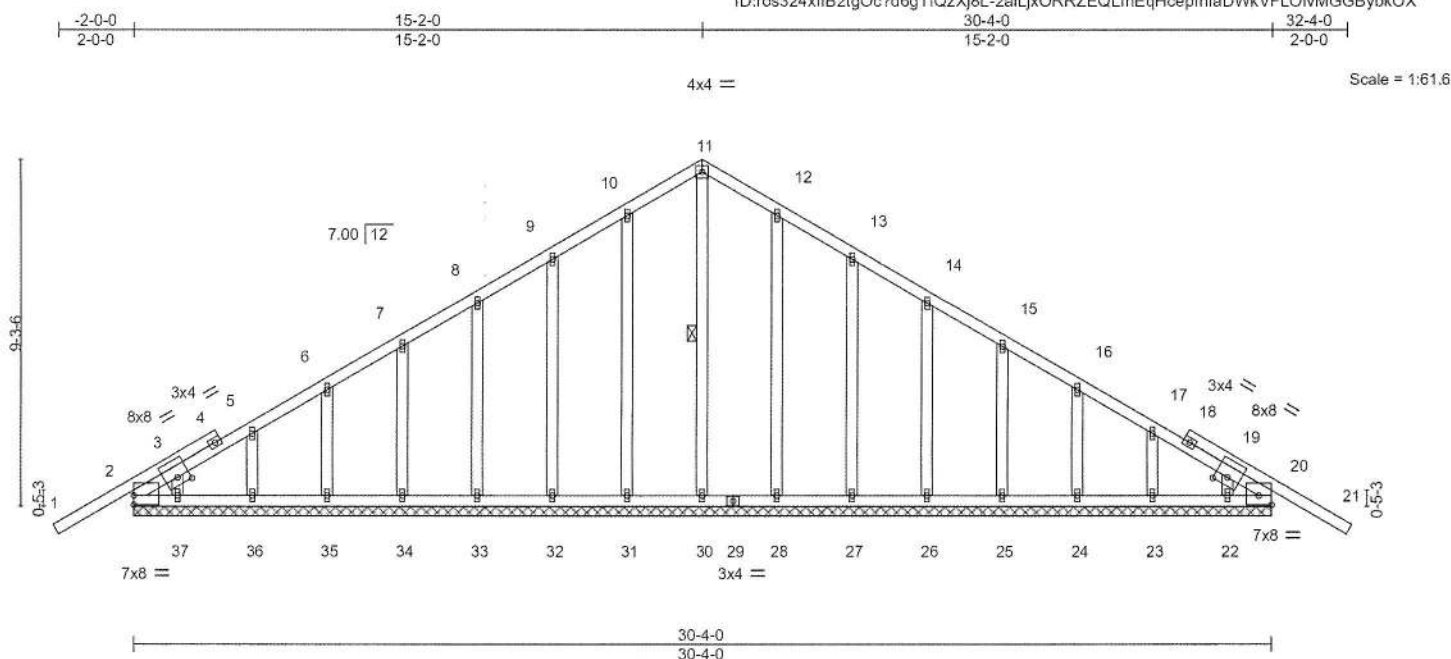


Plate Offsets (X,Y)-- [2:0-0-0,0-3-0], [3:0-4-0,0-2-8], [19:0-4-0,0-2-8], [20:Edge,0-3-0]

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 0.36	Vert(LL)	-0.02	21	n/r	120	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.07	Vert(CT)	-0.02	21	n/r	120		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.15	Horz(CT)	0.01	20	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-S						Weight: 210 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.2D
OTHERS 2x4 SP No.3

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 11-30

REACTIONS.

All bearings 30-4-0.
(lb) - Max Horz 2=-320(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22 except 2=-224(LC 12), 20=-224(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 20, 30, 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22

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

TOP CHORD 9-10=-164/276, 10-11=-205/346, 11-12=-205/346, 12-13=-164/276

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=2ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-14 to 1-2-0, Exterior(2N) 1-2-0 to 15-2-0, Corner(3R) 15-2-0 to 18-2-6, Exterior(2N) 18-2-6 to 32-4-14 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
- 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.
- All plates are 1.5x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22 except (jt=lb) 2=224, 20=224.



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

September 21,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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

Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

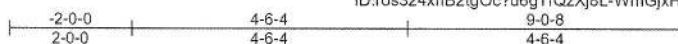


6904 Parke East Blvd.
Tampa, FL 33610

Job T1719C	Truss T22	Truss Type Monopitch	Qty 1	Ply 1	KIBLER RES 9/20/21	T25399725
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Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:49 2021 Page 1
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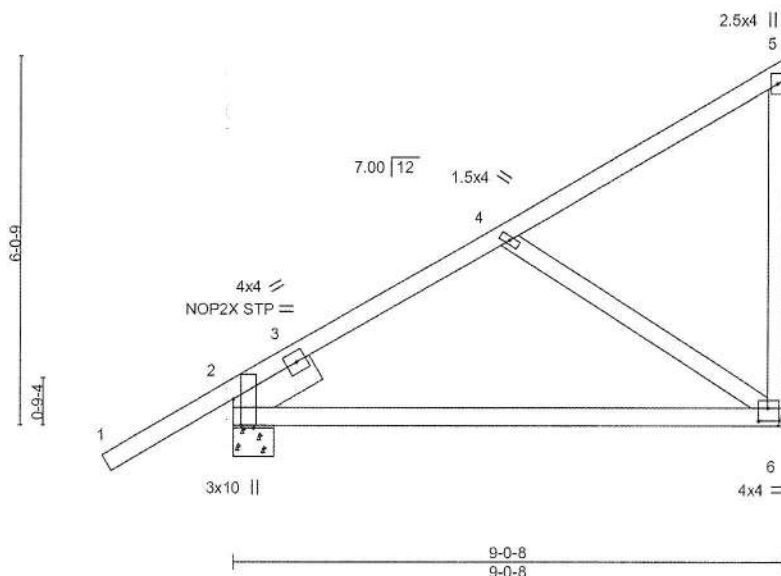


Plate Offsets (X,Y)-- [2:0-5-3,Edge], [6:0-1-12,0-2-8]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.63	Vert(LL)	-0.12	6-11	>883	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.51	Vert(CT)	-0.23	6-11	>457	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.21	Horz(CT)	0.01	2	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS						Weight: 52 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.1 1-6-0

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-1-5 oc bracing.

REACTIONS.

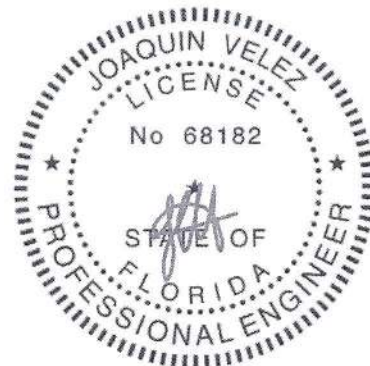
(size) 2=0-8-0, 6=Mechanical
Max Horz 2=348(LC 11)
Max Uplift 2=-261(LC 12), 6=-156(LC 9)
Max Grav 2=472(LC 1), 6=351(LC 17)

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

TOP CHORD 2-4=-482/209
BOT CHORD 2-6=-442/438
WEBS 4-6=-375/407

NOTES-

- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 8-10-12 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) All plates are MT20 plates unless otherwise indicated.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=261, 6=156.



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

September 21,2021

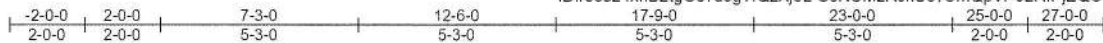
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE
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6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399726
T1719C	T23	Roof Special	1	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:51 2021 Page 1
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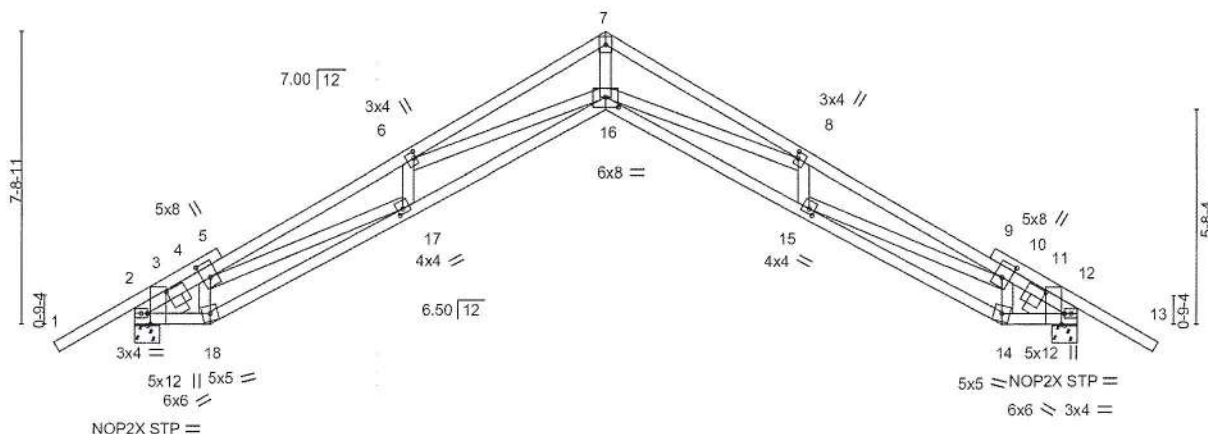


Plate Offsets (X,Y)--	[2:0-3-8,Edge], [2:0-8-10,0-3-0], [4:0-5-0,0-2-8], [6:0-2-0,0-0-12], [8:0-2-0,0-0-12], [10:0-5-0,0-2-8], [12:0-8-10,0-3-0], [12:0-3-8,Edge], [15:0-1-12,0-1-8], [16:0-4-0,0-3-4], [17:0-1-12,0-1-8]
-----------------------	---

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCCL 20.0	Plate Grip DOL	1.25	TC 0.72	Vert(LL)	-0.37	16	>777	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.76	Vert(CT)	-0.69	16	>415		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.72	Horz(CT)	0.67	12	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS					Weight: 147 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.3 *Except*
7-16: 2x4 SP No.2D
SLIDER Left 2x6 SP No.1 1-0-7, Right 2x6 SP No.1 1-0-7

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-1-2 oc bracing.

REACTIONS. (size) 2=0-8-0, 12=0-8-0
Max Horz 2=-269(LC 10)
Max Uplift 2=-488(LC 12), 12=-488(LC 12)
Max Grav 2=1027(LC 1), 12=1027(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1384/673, 4-6=-3328/1251, 6-7=-3628/906, 7-8=-3628/906, 8-10=-3328/1309, 10-12=-1381/670
BOT CHORD 2-18=-475/1372, 17-18=-434/1314, 16-17=-985/3403, 15-16=-1045/3233, 14-15=-488/1284, 12-14=-533/1337
WEBS 7-16=-657/3298, 8-16=-388/613, 8-15=-335/198, 10-15=-532/1898, 10-14=-800/394, 6-16=-177/601, 6-17=-351/213, 4-17=-597/1965, 4-18=-825/356

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=25ft; eave=2ft; Cat. II; Exp C; Encl., GCpl=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-14 to 0-11-2, Exterior(2N) 0-11-2 to 12-6-0, Corner(3R) 12-6-0 to 15-6-0, Exterior(2N) 15-6-0 to 27-0-14 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 MT20 plates 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=488, 12=488.



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

September 21,2021

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6904 Parke East Blvd.
Tampa, FL 33610

Job T1719C	Truss T25	Truss Type Common Supported Gable	Qty 2	Ply 1	KIBLER RES 9/20/21	T25399728
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Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:53 2021 Page 1
ID:ros324xfB2igOc?d6gTfQzXj8L-PXVEmeSZG5sjR4aCqCpWjU8rEDwAY47uB41xOybkOS
-2-0-0 7-8-0 15-4-0 17-4-0
2-0-0 7-8-0 7-8-0 2-0-0

Scale = 1:32.5

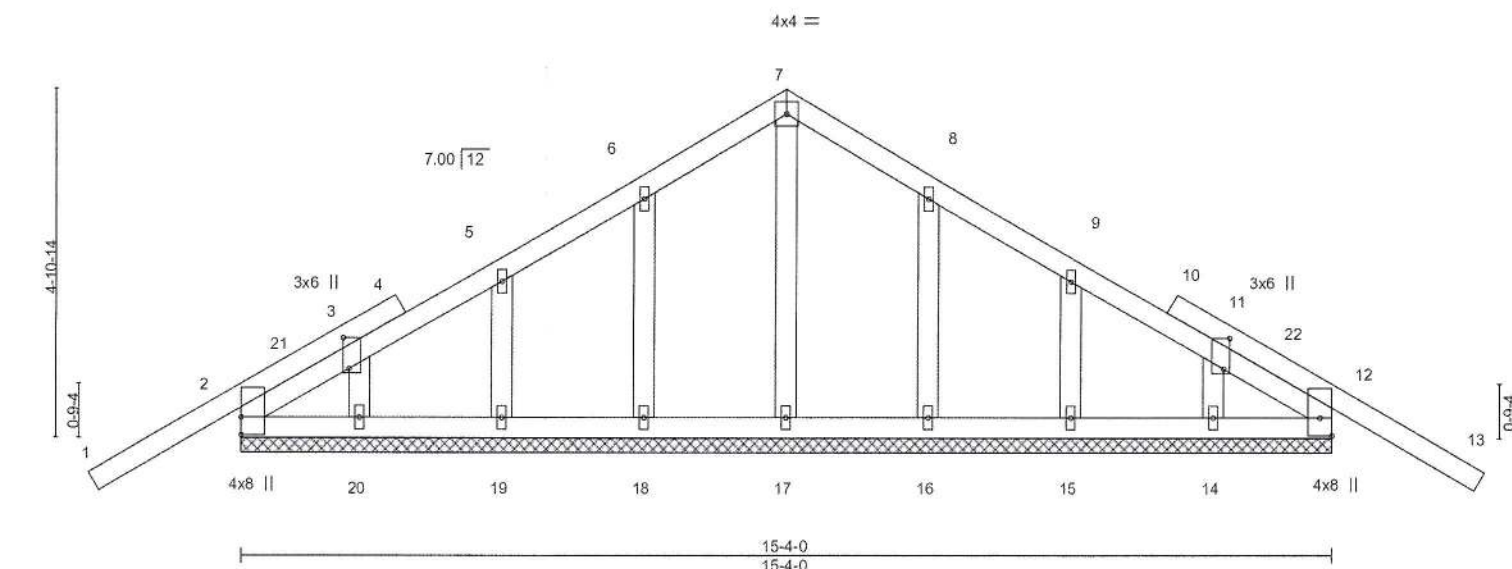


Plate Offsets (X,Y)-- [2:Edge,0-0-0], [3:0-5-4,0-1-0], [11:0-5-4,0-1-0], [12:Edge,0-2-0]

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 0.39	Vert(LL)	-0.02	13	n/r	120	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.07	Vert(CT)	-0.03	13	n/r	120		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.06	Horz(CT)	0.00	12	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-S						Weight: 89 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
OTHERS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

All bearings 15-4-0.
(lb) - Max Horz 2=178(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 18, 20, 16, 14 except 2=221(LC 12), 12=221(LC 12),
19=101(LC 12), 15=101(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 12, 17, 18, 19, 20, 16, 15, 14

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Encl., GCpl=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-14 to 0-11-2, Exterior(2N) 0-11-2 to 7-8-0, Corner(3R) 7-8-0 to 10-8-0, Exterior(2N) 10-8-0 to 17-4-14 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
- 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.
- All plates are 1.5x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 20, 16, 14 except (jt=lb) 2=221, 12=221, 19=101, 15=101.
- Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 12.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6804 Parke East Blvd. Tampa FL 33610
Date:

September 21,2021



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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



6904 Parke East Blvd.
Tampa, FL 33610

Job 1719C	Truss T26	Truss Type Common Girder	Qty 1	Ply 2	KIBLER RES 9/20/21	T25399729
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Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MITek Industries, Inc. Mon Sep 20 12:41:55 2021 Page 1
 ID:ros324xfB2tgOoc?d6gTfQzXj8L-Lwd?BKUqoj7QhNkakFEHb8ZWc1pdeDFPMVZ70HybkOQ

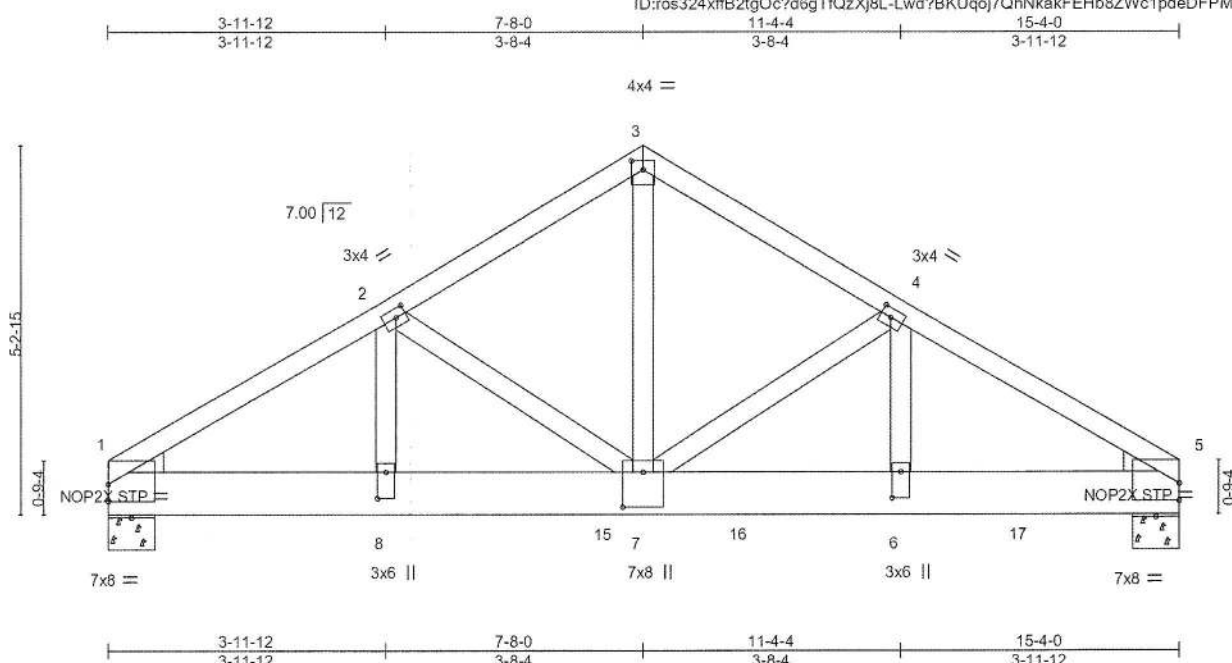


Plate Offsets (X,Y)--	[1:0-0-0,0-2-15], [2:0-1-12,0-1-8], [3:0-2-0,0-1-8], [4:0-1-12,0-1-8], [5:0-0-0,0-2-15], [6:0-4-8,0-1-8], [7:0-6-0,0-3-8], [8:0-4-8,0-1-8]
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.31	Vert(LL)	0.08	6-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.51	Vert(CT)	-0.12	6-7	>999	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.97	Horz(CT)	0.02	5	n/a	n/a		
BCDL 10.0	Code FRC2020/TP12014		Matrix-MS							
									Weight: 201 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD 2x8 SP No.1D	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	
WEDGE	
Left: 2x4 SP No.3, Right: 2x4 SP No.3	

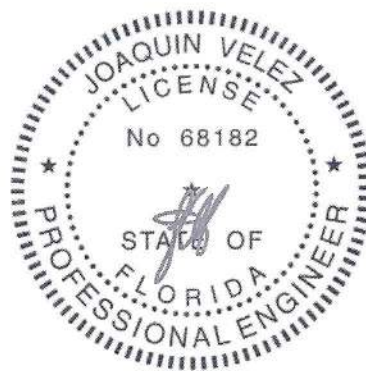
REACTIONS.	(size) 1=0-8-0, 5=0-8-0
	Max Horz 1=147(LC 6)
	Max Uplift 1=1380(LC 8), 5=1975(LC 8)
	Max Grav 1=3223(LC 1), 5=4856(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-2=-5211/2260, 2-3=-5366/2370, 3-4=-5364/2370, 4-5=-7073/2916
BOT CHORD	1-6=-1875/4428, 7-8=-1875/4428, 6-7=-2442/6038, 5-6=-2442/6038
WEBS	3-7=-2223/5114, 4-7=-1943/687, 4-6=-591/1980, 2-7=-344/385, 2-8=-338/180

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-4-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; 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
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 1=1380, 5=1975.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2911 lb down and 1420 lb up at 7-1-8, 1345 lb down and 517 lb up at 9-0-12, and 1487 lb down and 517 lb up at 11-0-12, and 1479 lb down and 517 lb up at 13-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2



Joaquin Velez PE No.68182
 MITek USA, Inc. FL Cert 6634
 6804 Parke East Blvd. Tampa FL 33610
 Date: September 21, 2021

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6904 Parke East Blvd.
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Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399729
1719C	T26	Common Girder	1	2	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:55 2021 Page 2
ID:ros324xfB2tgOc?d6gTfQzXj8L-Lwd?BKUqoj7QhNkakFEHb8ZWc1pdeDFPMVZ70HybkOQ

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-54, 9-12=-20

Concentrated Loads (lb)

Vert: 6=-1345(F) 15=-2911(F) 16=-1345(F) 17=-1345(F)

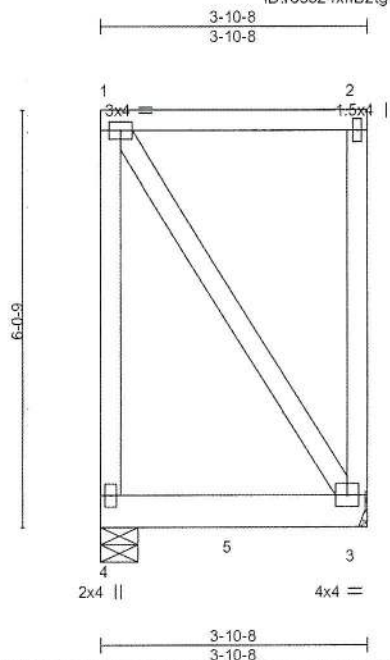
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Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399730
1719C	T27	Flat Girder	1	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:55 2021 Page 1
ID:ros324xfB2tgOc?d6gTfQzXj8L-Lwd?BKUqoj7QhNkakFEHb8ZQx111ePsPMVZ70HybkoQ



Scale = 1:33.5

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.67	Vert(LL)	0.01	3-4	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 0.22	Vert(CT)	-0.02	3-4	>999		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.23	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Rep Stress Incr NO	Matrix-MP					Weight: 40 lb	FT = 20%
	Code FRC2020/TPI2014							

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 3-10-8 oc purlins, except end verticals.
BOT CHORD 2x6 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS.	(size)
Max Horz 4=303(LC 4)	4=0-6-8, 3=Mechanical
Max Uplift 4=-399(LC 4), 3=-399(LC 5)	
Max Grav 4=447(LC 26), 3=447(LC 25)	

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-4=-267/336
BOT CHORD	3-4=-270/235
WEBS	1-3=-284/284

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) Refer to girder(s) for truss to truss connections.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=399, 3=399.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 302 lb down and 176 lb up at 1-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S)	Standard
1) Dead + Roof Live (balanced); Lumber Increase=1.25, Plate Increase=1.25	
Uniform Loads (plf)	
Vert: 1-2=-54, 3-4=-20	
Concentrated Loads (lb)	
Vert: 5=-278(B)	



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
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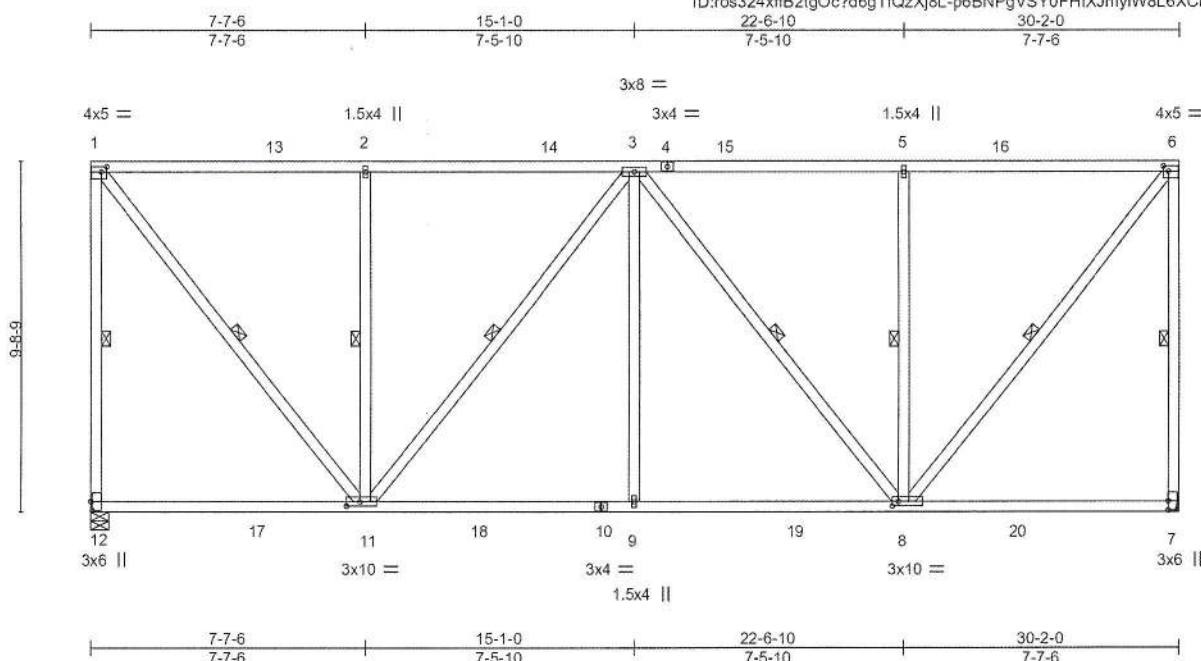
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6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399731
1719C	T28	Flat	1	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430, 8.430 s Aug 16 2021 MITek Industries, Inc. Mon Sep 20 12:41:56 2021 Page 1
ID:ros324xfB2tGoc?d6gTfQzXj8L-p6BNPgVS0FHXJnlyIW8L6XCR6PNjtZa9lhYjybKOP



Scale: 3/16"=1'

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

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.90	Vert(LL)	-0.13 11-12	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.66	Vert(CT)	-0.22 11-12	>999	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.82	Horz(CT)	-0.03 7	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS					Weight: 227 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2D	BOT CHORD Rigid ceiling directly applied or 5-9-9 oc bracing.
WEBS 2x4 SP No.3 *Except*	WEBS 1 Row at midpt 1-12, 6-7, 1-11, 2-11, 3-11, 3-8, 5-8, 6-8
1-12,6-7: 2x4 SP No.1	

REACTIONS. (size) 12=0-6-0, 7=Mechanical
Max Horz 12=-504(LC 8)
Max Uplift 12=-535(LC 8), 7=-535(LC 9)
Max Grav 12=1386(LC 18), 7=1386(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-1227/1136, 1-2=-928/777, 2-3=-928/777, 3-5=-928/777, 5-6=-928/777, 6-7=-1227/1136
BOT CHORD 11-12=-561/581, 9-11=-1132/1228, 6-9=-1132/1228
WEBS 1-11=-1150/1388, 2-11=-444/669, 3-11=-500/452, 3-9=0/409, 3-8=-500/451, 5-8=-444/669, 6-8=-1150/1388

NOTES-
1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 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) 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) 12=535, 7=535.



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

September 21,2021

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6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399723
T1719C	T20	Attic	13	1		

Duley Truss, Dunnellon, FL - 34430.

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:47 2021 Page 1

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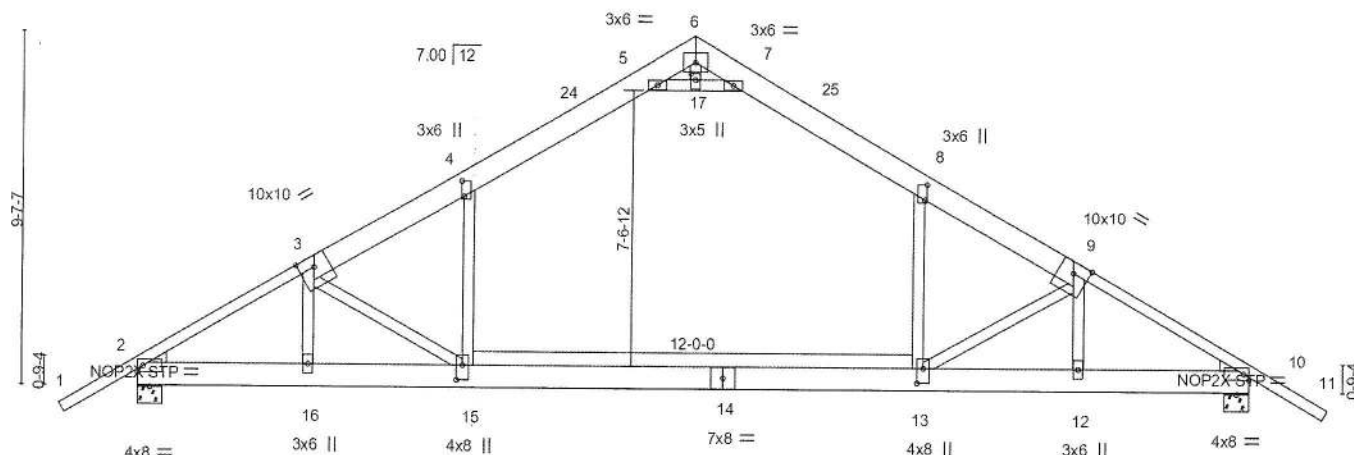
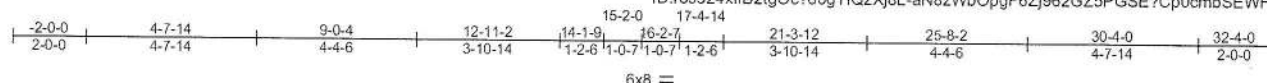


Plate Offsets (X,Y)--	[4:0-5-0,0-0-12], [8:0-5-0,0-0-12], [13:0-4-12,0-2-0], [15:0-4-12,0-2-0], [17:0-2-0,0-1-8]
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.85	Vert(LL)	-0.33 13-15	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.71	Vert(CT)	-0.61 13-15	>597	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.96	Horz(CT)	0.02 10	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS	Attic	-0.16 13-15	928	360		
								Weight: 235 lb	FT = 20%

NUMBER-
TOP CHORD 2x8 SP No.1D *Except*
 1-3,9-11: 2x4 SP No.2D
BOT CHORD 2x8 SP No.1D
WEBS 2x4 SP No.3
WEDGE
 Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 10=0-8-0
 Max Horz 2=326(LC 11)
 Max Uplift 2=415(LC 12), 10=415(LC 12)
 Max Grav 2=1597(LC 18), 10=1597(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2266/421, 3-4=-2192/355, 4-5=-1656/437, 5-6=-113/1272, 6-7=-113/1273,
 7-8=-1656/438, 8-9=-2192/356, 9-10=-2269/420
BOT CHORD 2-16=-208/2136, 15-16=-209/2148, 13-15=-34/1802, 12-13=-239/1906, 10-12=-238/1894
WEBS 8-13=0/952, 9-13=-445/254, 4-15=0/952, 3-15=-445/254, 5-17=-3332/659,
 7-17=-3332/659, 6-17=-113/655, 3-16=-408/60, 9-12=-410/60

NOTES-
 1) Unbalanced roof live loads have been considered for this design.
 2) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-11-8, Interior(1) 0-11-8 to 15-2-0, Exterior(2R) 15-2-0 to 18-2-6, Interior(1) 18-2-6 to 32-4-14 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 MT20 plates 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). 4-5, 7-8, 5-17, 7-17; Wall dead load (5.0psf) on member(s).8-13, 4-15
 7) Bottom chord live load (30.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 13-15
 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=415, 10=415.
 9) Attic room checked for L/360 deflection.



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

September 21,2021

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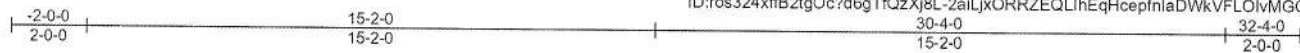


6904 Parke East Blvd.
 Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399724
T1719C	T21	Common Supported Gable	1	1		

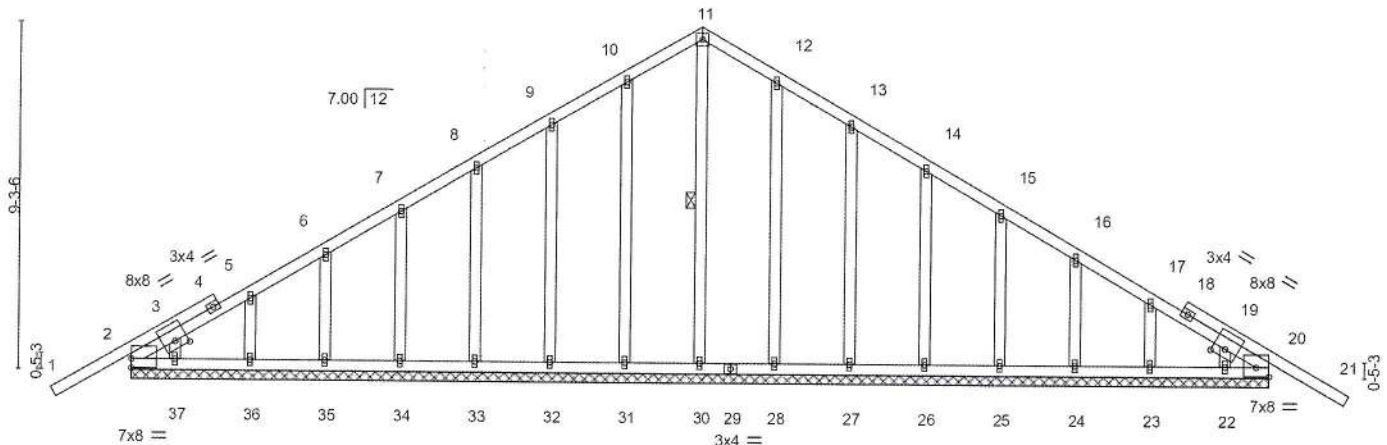
Duley Truss, Dunnellon, FL - 34430.

8.430 s Aug 16 2021 MITek Industries, Inc. Mon Sep 20 12:41:48 2021 Page 1
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4x4 =

Scale = 1:61.6



30-4-0

30-4-0

Plate Offsets (X,Y)-- [2:0-0-0,0-3-0], [3:0-4-0,0-2-8], [19:0-4-0,0-2-8], [20:Edge,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 0.36	Vert(LL)	-0.02	21	n/r	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.07	Vert(CT)	-0.02	21	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.15	Horz(CT)	0.01	20	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-S						
								Weight: 210 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.2D
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD
BOT CHORD
WEBS

Structural wood sheathing directly applied or 6-0-0 oc purlins.
Rigid ceiling directly applied or 10-0-0 oc bracing.
1 Row at midpt 11-30

REACTIONS. All bearings 30-4-0.
(lb) - Max Horz 2=-320(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22 except 2=-224(LC 12), 20=-224(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 20, 30, 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 9-10=-164/276, 10-11=-205/346, 11-12=-205/346, 12-13=-164/276

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=2ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-14 to 1-2-0, Exterior(2N) 1-2-0 to 15-2-0, Corner(3R) 15-2-0 to 18-2-6, Exterior(2N) 18-2-6 to 32-4-14 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
- 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.
- All plates are 1.5x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22 except (J=lb) 2=224, 20=224.



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

September 21, 2021

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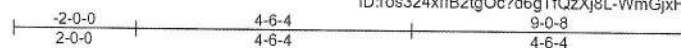


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Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399725
T1719C	T22	Monopitch	1	1		

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:49 2021 Page 1
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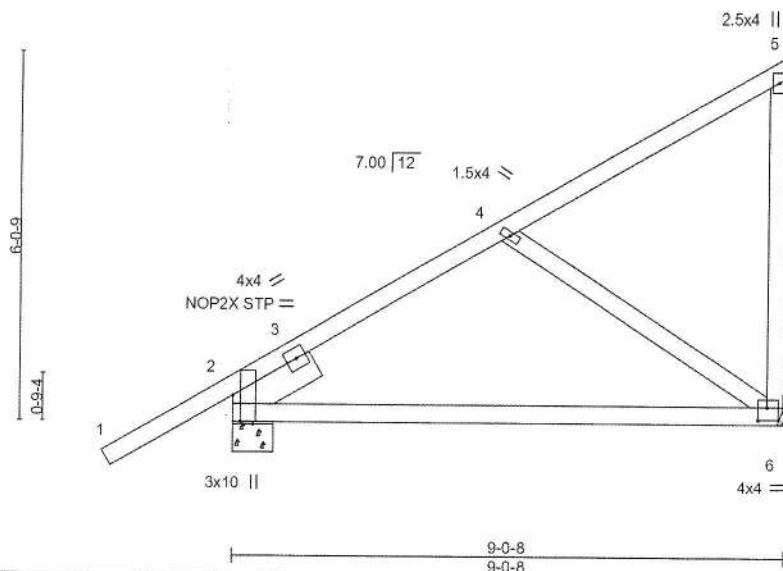


Plate Offsets (X,Y)-- [2:0-5-3,Edge], [6:0-1-12,0-2-8]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.63	Vert(LL)	-0.12	6-11	>883	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.51	Vert(CT)	-0.23	6-11	>457	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.21	Horz(CT)	0.01	2	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS							
									Weight: 52 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.1 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-1-5 oc bracing.

REACTIONS. (size) 2=0-8-0, 6=Mechanical
Max Horz 2=348(LC 11)
Max Uplift 2=-261(LC 12), 6=-156(LC 9)
Max Grav 2=472(LC 1), 6=351(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-482/209
BOT CHORD 2-6=-442/438
WEBS 4-6=-375/407

NOTES-

- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 8-10-12 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) All plates are MT20 plates unless otherwise indicated.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=261, 6=156.



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

September 21, 2021

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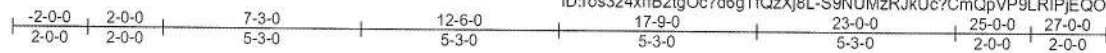
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399726
T1719C	T23	Roof Special	1	1		
Job Reference (optional)						

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:51 2021 Page 1

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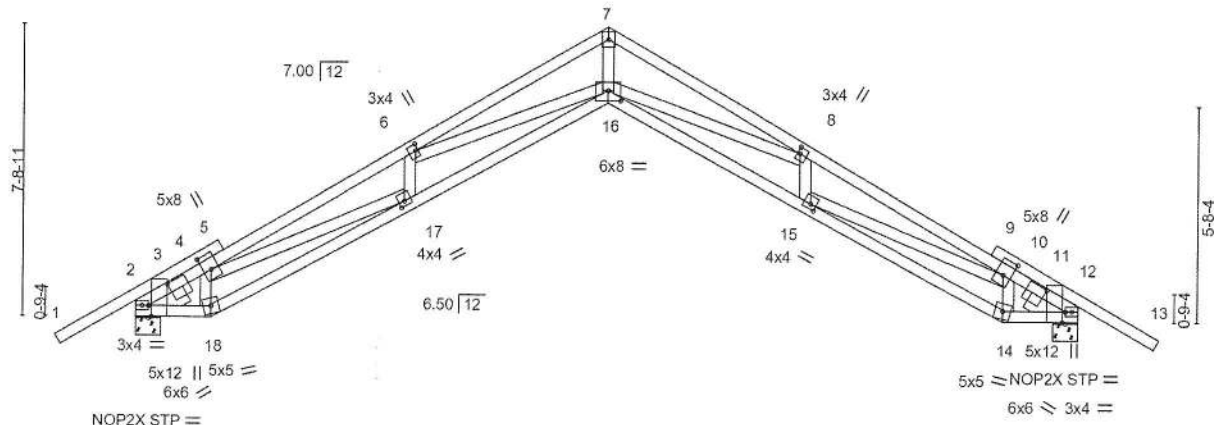


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-8-10,0-3-0], [4:0-5-0,0-2-8], [6:0-2-0,0-0-12], [8:0-2-0,0-0-12], [10:0-5-0,0-2-8], [12:0-8-10,0-3-0], [12:0-3-8,Edge], [15:0-1-12,0-1-8], [16:0-4-0,0-3-4], [17:0-1-12,0-1-8]

LOADING (psf)	SPACING-	2-0-0	CSI,	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.72	Vert(LL)	-0.37	16	>777	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.76	Vert(CT)	-0.69	16	>415	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.72	Horz(CT)	0.67	12	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS							
									Weight: 147 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2D
 BOT CHORD 2x4 SP No.2D
 WEBS 2x4 SP No.3 *Except*
 7-16; 2x4 SP No.2D
 SLIDER Left 2x6 SP No.1 1-0-7, Right 2x6 SP No.1 1-0-7

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-1-2 oc bracing.

REACTIONS.

(size) 2=0-8-0, 12=0-8-0
 Max Horz 2=-269(LC 10)
 Max Uplift 2=-488(LC 12), 12=-488(LC 12)
 Max Grav 2=1027(LC 1), 12=1027(LC 1)

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

TOP CHORD 2-4=-1384/673, 4-6=-3328/1251, 6-7=-3628/906, 7-8=-3628/906, 8-10=-3328/1309,
 10-12=-1381/670
 BOT CHORD 2-18=-475/1372, 17-18=-434/1314, 16-17=-985/3403, 15-16=-1045/3233,
 14-15=-488/1284, 12-14=-533/1337
 WEBS 7-16=-657/3298, 8-16=-388/613, 8-15=-335/198, 10-15=-532/1898, 10-14=-800/394,
 6-16=-177/601, 6-17=-351/213, 4-17=-597/1965, 4-18=-825/356

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=25ft; eave=2ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-14 to 0-11-2, Exterior(2N) 0-11-2 to 12-6-0, Corner(3R) 12-6-0 to 15-6-0, Exterior(2N) 15-6-0 to 27-0-14 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
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=488, 12=488.



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

September 21,2021

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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



6904 Parke East Blvd.
 Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399727
T1719C	T24	Roof Special	4	1		

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:52 2021 Page 1
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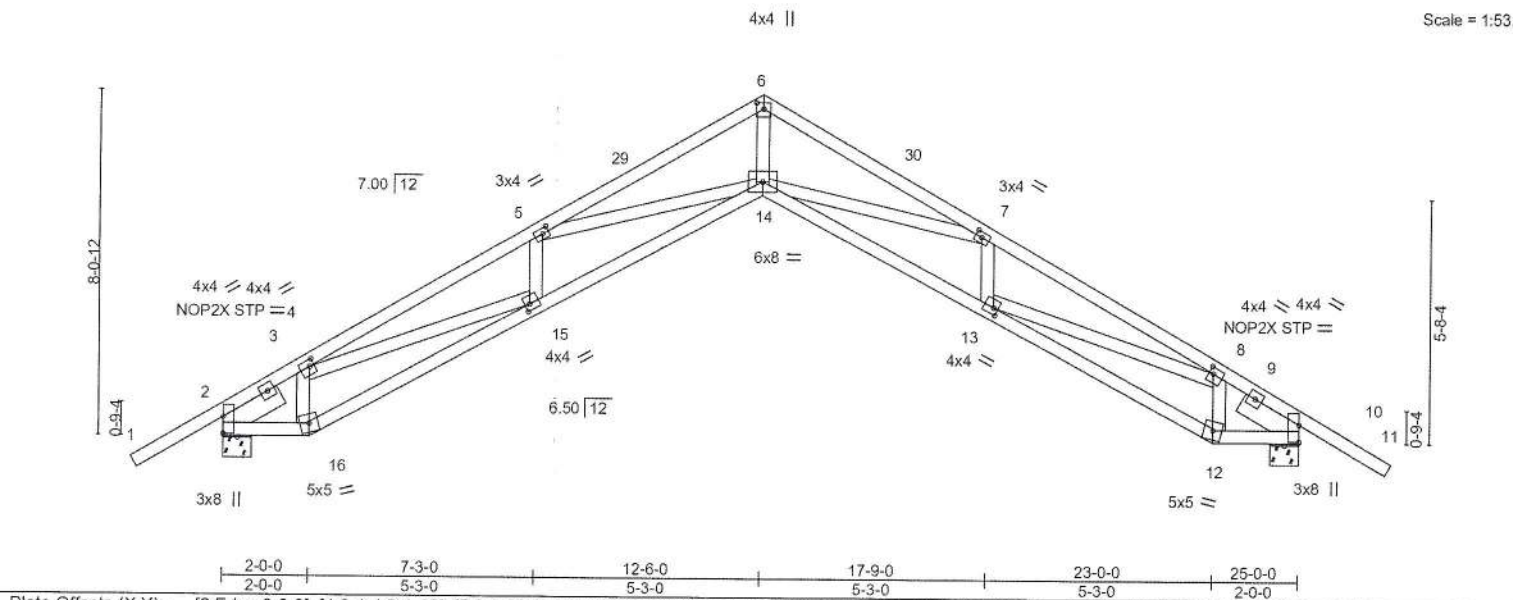


Plate Offsets (X,Y)--	[2:Edge,0-0-0], [4:0-1-4,0-1-12], [5:0-1-12,0-1-8], [6:0-1-12,0-2-0], [7:0-1-12,0-1-8], [8:0-1-4,0-1-12], [10:Edge,0-0-0], [13:0-1-4,0-1-12], [15:0-1-4,0-1-12]
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.51	Vert(LL)	-0.27	14	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.64	Vert(CT)	-0.51	14-15	>585	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.68	Horz(CT)	0.50	10	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS							
									Weight: 142 lb	FT = 20%

BRACING-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.3 *Except*
6-14: 2x4 SP No.2D
SLIDER Left 2x6 SP No.1 1-6-0, Right 2x6 SP No.1 1-6-0

Structural wood sheathing directly applied or 3-1-4 oc purlins.
Rigid ceiling directly applied or 7-8-2 oc bracing.

REACTIONS. (size) 2=0-8-0, 10=0-8-0
Max Horz 2=-280(LC 10)
Max Uplift 2=-471(LC 12), 10=-471(LC 12)
Max Grav 2=1037(LC 1), 10=1037(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1075/397, 4-5=-2913/834, 5-6=-3128/616, 6-7=-3128/603, 7-8=-2913/875, 8-10=-1076/398
BOT CHORD 2-16=-204/928, 15-16=-208/985, 14-15=-605/2985, 13-14=-666/2786, 12-13=-239/912, 10-12=-235/849
WEBS 6-14=-399/2834, 7-14=-341/540, 7-13=-375/179, 8-13=-393/1798, 8-12=-421/212, 5-14=-152/435, 5-15=-387/184, 4-15=-415/1841, 4-16=-482/197

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=25ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 12-6-0, Exterior(2R) 12-6-0 to 15-6-0, Interior(1) 15-6-0 to 27-0-14 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
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=471, 10=471.



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

September 21,2021

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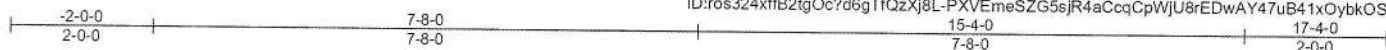
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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399728
T1719C	T25	Common Supported Gable	2	1		

Duley Truss, Dunnellon, FL - 34430,

Job Reference (optional)

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:53 2021 Page 1
ID:ros324xfB2tgOc?d6gTfQzXj8L-PXVEmeSZG5sJR4aCcqCpWJU8rEDwAY47uB41xOybkOS



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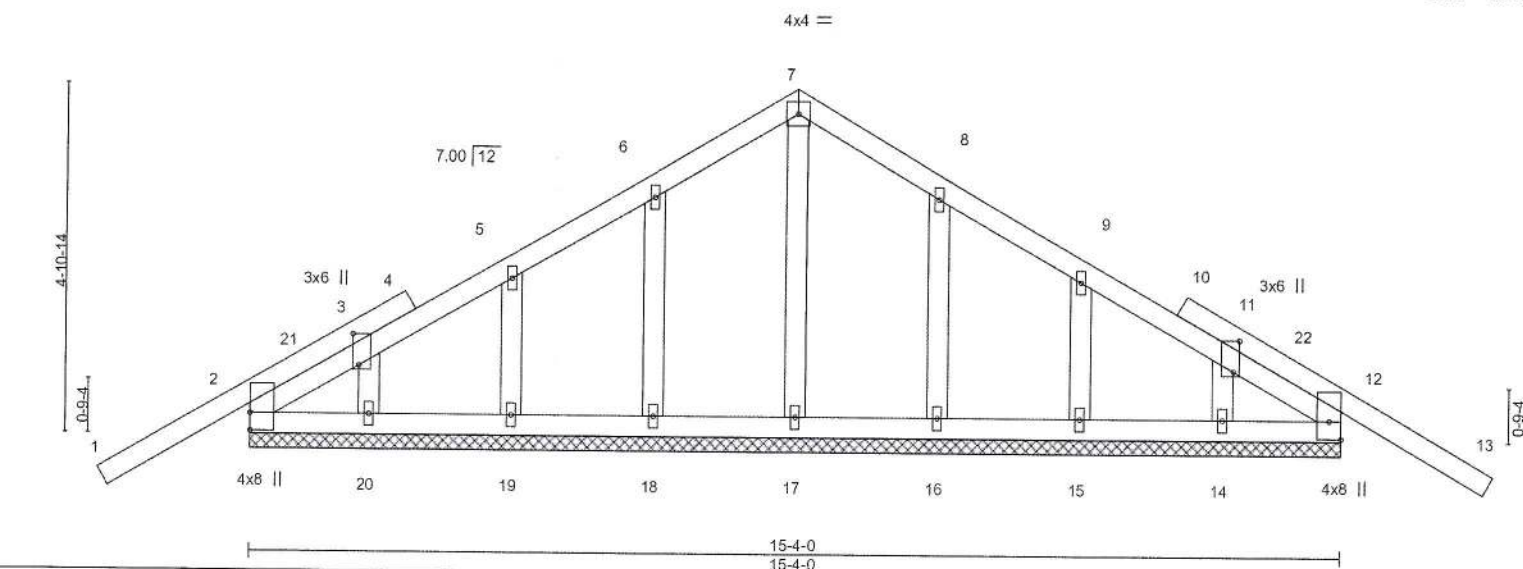


Plate Offsets (X,Y)-- [2:Edge,0-0-0], [3:0-5-4,0-1-0], [11:0-5-4,0-1-0], [12:Edge,0-2-0]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.39	Vert(LL)	-0.02	13	n/r	120	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.07	Vert(CT)	-0.03	13	n/r	120		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.06	Horz(CT)	0.00	12	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-S							
									Weight: 89 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD
BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins.
Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 15-4-0.
(lb) - Max Horz 2=176(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 18, 20, 16, 14 except 2=221(LC 12), 12=221(LC 12),
19=101(LC 12), 15=101(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 12, 17, 18, 19, 20, 16, 15, 14

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-14 to 0-11-2, Exterior(2N) 0-11-2 to 7-8-0, Corner(3R) 7-8-0 to 10-8-0, Exterior(2N) 10-8-0 to 17-4-14 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
- 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.
- All plates are 1.5x4 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 20, 16, 14 except (jt=lb) 2=221, 12=221, 19=101, 15=101.
- Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 12.



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

September 21,2021

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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 BCS Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



6904 Parke East Blvd.
Tampa, FL 33610

Job T1719C	Truss T26	Truss Type Common Girder	Qty 1	Ply 2	KIBLER RES 9/20/21	T25399729
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Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:55 2021 Page 1
ID:ros324xfB2tgOc?d6gTfQzXj8L-Lwd?BKUqoj7QhNkakFEHb8ZWc1pdeDFPMVZ70HybkOQ

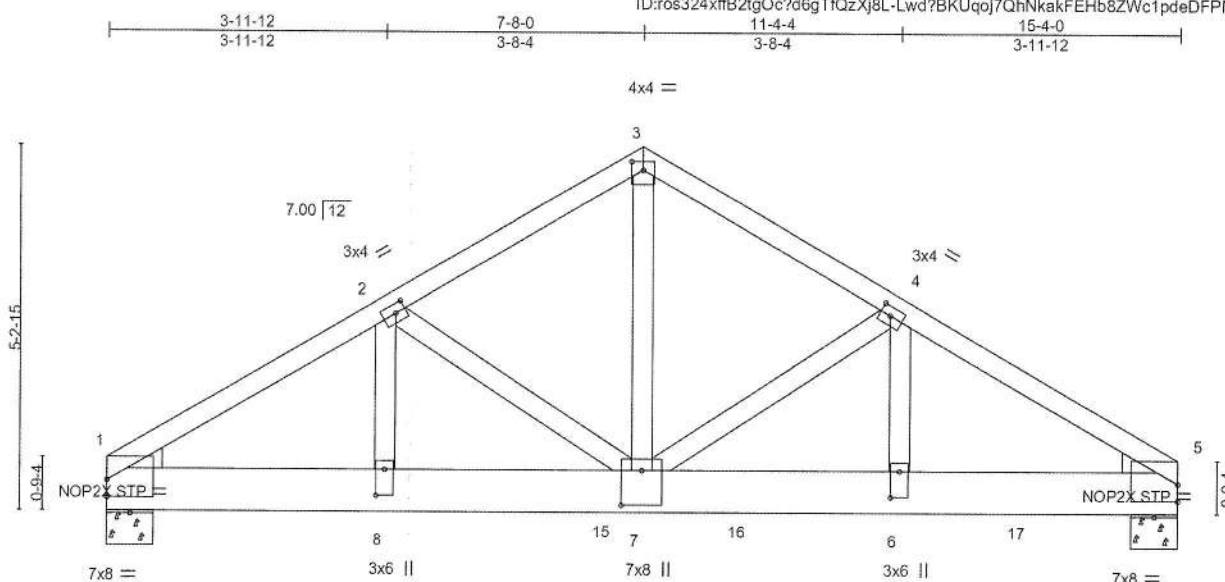


Plate Offsets (X,Y)--	[1:0-0-0,0-2-15], [2:0-1-12,0-1-8], [3:0-2-0,0-1-8], [4:0-1-12,0-1-8], [5:0-0-0,0-2-15], [6:0-4-8,0-1-8], [7:0-6-0,0-3-8], [8:0-4-8,0-1-8]
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LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	L/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.31	Vert(LL)	0.08	6-7	>999	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.51	Vert(CT)	-0.12	6-7	>999		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.97	Horz(CT)	0.02	5	n/a		
BCDL 10.0	Code FRC2020/TPI2014	Matrix-MS						
							Weight: 201 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x8 SP No.1D
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-8-0, 5=0-8-0
Max Horz 1=-147(LC 6)
Max Uplift 1=-1380(LC 8), 5=-1975(LC 8)
Max Grav 1=3223(LC 1), 5=4856(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-5211/2260, 2-3=-5366/2370, 3-4=-5364/2370, 4-5=-7073/2916
BOT CHORD 1-8=-1875/4428, 7-8=-1875/4428, 6-7=-2442/6038, 5-6=-2442/6038
WEBS 3-7=-2223/5114, 4-7=-1943/687, 4-6=-591/1980, 2-7=-344/385, 2-8=-338/180

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- 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.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; 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
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to building plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1380, 5=1975.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2911 lb down and 1420 lb up at 7-1-8, 1345 lb down and 517 lb up at 9-0-12, and 1487 lb down and 517 lb up at 11-0-12, and 1479 lb down and 517 lb up at 13-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2



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

September 21, 2021

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Safety Information - available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21
T1719C	T26	Common Girder	1	2	T25399729

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MITek Industries, Inc. Mon Sep 20 12:41:55 2021 Page 2
ID:ros324xffb2tgOc?d6gTfQzXj8L-Lwd?BKUqoj7QhNkakFEHb8ZWc1pdeDFPMVZ70HybkOQ

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-54, 3-5=-54, 9-12=-20

Concentrated Loads (lb)

Vert: 6=-1345(F) 15=-2911(F) 16=-1345(F) 17=-1345(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 rev. 5/19/2020 BEFORE USE

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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

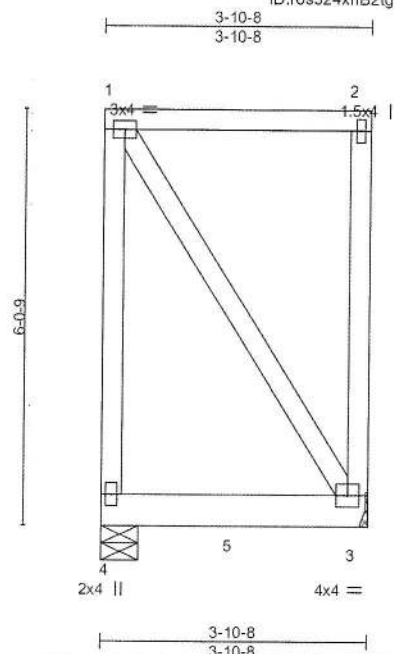


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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399730
T1719C	T27	Flat Girder	1	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:55 2021 Page 1
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Scale = 1:33.5

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 0.67	Vert(LL)	0.01	3-4	>999	240	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.22	Vert(CT)	-0.02	3-4	>999	180	
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.23	Horz(CT)	-0.00	3	n/a	n/a	
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MP						
								Weight: 40 lb	FT = 20%

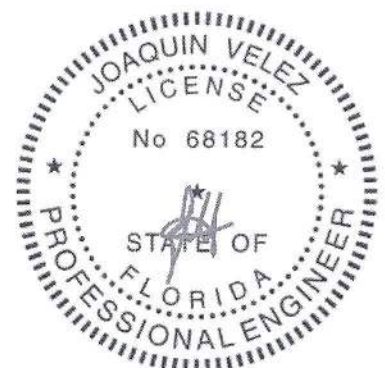
LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 3-10-8 oc purlins, except end verticals.
BOT CHORD 2x6 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS.	(size) 4=0-6-8, 3=Mechanical
	Max Horz 4=-303(LC 4)
	Max Uplift 4=-399(LC 4), 3=-399(LC 5)
	Max Grav 4=447(LC 26), 3=447(LC 25)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-4=-267/336
BOT CHORD	3-4=-270/235
WEBS	1-3=-284/284

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) Refer to girder(s) for truss to truss connections.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=399, 3=399.
 - 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 302 lb down and 176 lb up at 1-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S)	Standard
1) Dead + Roof Live (balanced):	Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)	
Vert:	1-2=-54, 3-4=-20
Concentrated Loads (lb)	
Vert:	5=-278(B)



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

September 21, 2021

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Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399731
T1719C	T28	Flat	1	1		

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:56 2021 Page 1
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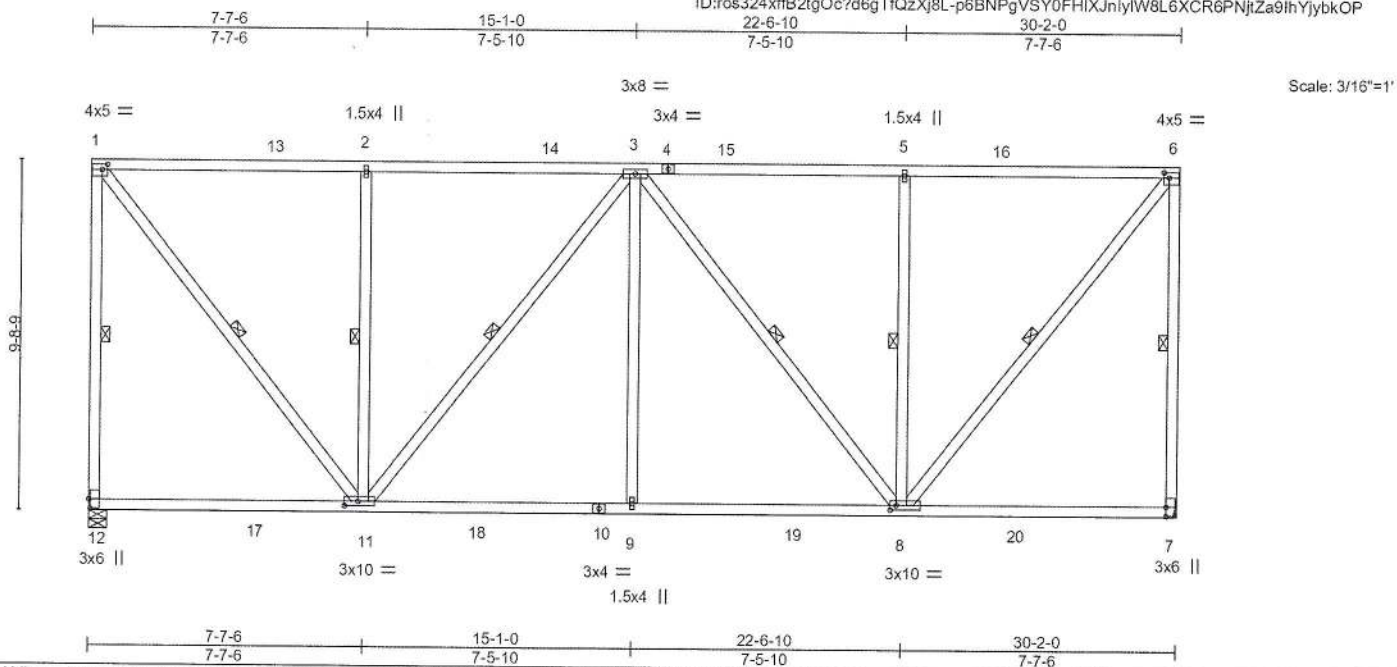


Plate Offsets (X,Y)--		[1:0-1-12,0-1-12], [6:0-1-12,0-1-12], [7:0-3-0,0-0-0], [8:0-2-0,0-1-8], [11:0-4-8,0-1-8], [12:0-3-0,0-0-8]	
LOADING (psf)	SPACING-	CSI.	DEFL.
TCLL 20.0	2-0-0	TC 0.90	in (loc) l/defl L/d
TCDL 7.0	Plate Grip DOL 1.25	BC 0.66	Vert(LL) -0.13 11-12 >999 240
BCLL 0.0 *	Lumber DOL 1.25	WB 0.82	Vert(CT) -0.22 11-12 >999 180
BCDL 10.0	Rep Stress Incr YES	Matrix-MS	Horz(CT) -0.03 7 n/a n/a
	Code FRC2020/TPI2014		
			PLATES GRIP
			MT20 244/190
			Weight: 227 lb FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2D	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.2D	BOT CHORD Rigid ceiling directly applied or 5-9-9 oc bracing.
WEBS 2x4 SP No.3 *Except*	WEBS 1 Row at midpt 1-12, 6-7, 1-11, 2-11, 3-11, 3-8, 5-8, 6-8
1-12,6-7: 2x4 SP No.1	

REACTIONS. (size) 12=0-6-0, 7=Mechanical
Max Horz 12=-504(LC 8)
Max Uplift 12=-535(LC 8), 7=-535(LC 9)
Max Grav 12=1386(LC 18), 7=1386(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-1227/1136, 1-2=-928/777, 2-3=-928/777, 3-5=-928/777, 5-6=-928/777, 6-7=-1227/1136
BOT CHORD 11-12=-561/581, 9-11=-1132/1228, 8-9=-1132/1228
WEBS 1-11=-1150/1388, 2-11=-444/669, 3-11=-500/452, 3-9=0/409, 3-8=-500/451, 5-8=-444/669, 6-8=-1150/1388

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 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) 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) 12=535, 7=535.



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

September 21,2021

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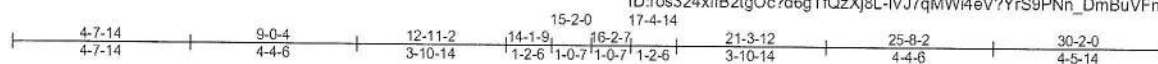
Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399732
T1719C	T29	ATTIC	7	1		

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:41:58 2021 Page 1

ID:ros324xfB2tgOc7d6gTfQzXj8L-IVJ7qMWI4eV?YrS9PNn_DmBuVFndrLs2TndcybkON

Job Reference (optional)



Scale = 1:60.5

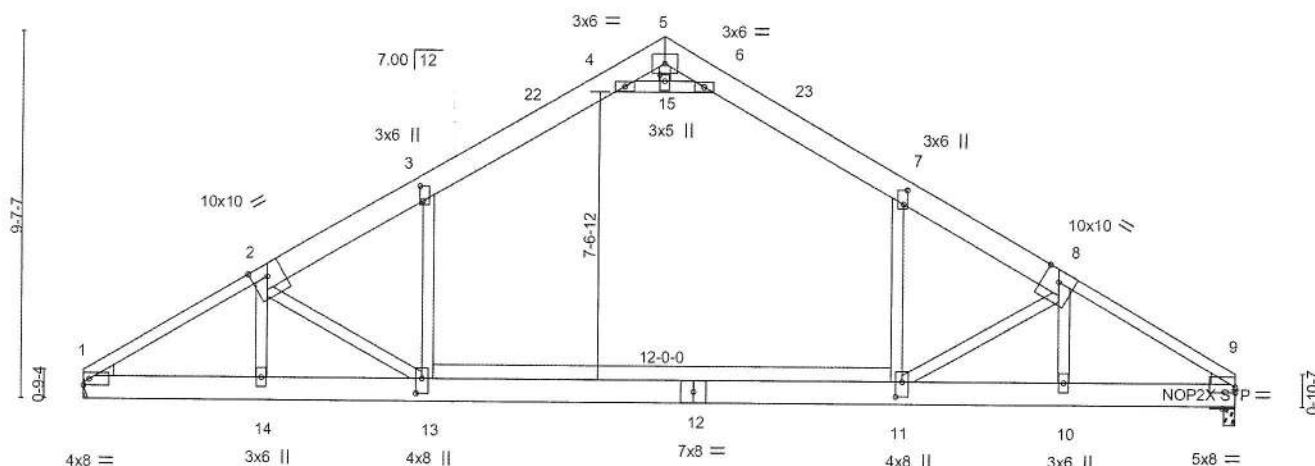


Plate Offsets (X,Y)--	[3:0-4-12,0-1-0], [7:0-4-8,0-1-4], [9:0-0-0,0-1-13], [11:0-4-12,0-2-0], [13:0-4-12,0-2-0], [15:0-2-0,0-1-8]
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LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	L/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.85	Vert(LL)	-0.33 11-13	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.70	Vert(CT)	-0.61 11-13	>597	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.95	Horz(CT)	0.02 9	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS	Attic	-0.16 11-13	930	360		
								Weight: 228 lb	FT = 20%

LUMBER-

TOP CHORD 2x8 SP No.1D *Except*
1-2,8-9: 2x4 SP No.2D
BOT CHORD 2x8 SP No.1D
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-7-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 1=Mechanical, 9=0-3-8
Max Horz 1=-284(LC 10)
Max Uplift 1=-283(LC 12), 9=-281(LC 12)
Max Grav 1=1483(LC 18), 9=1486(LC 19)

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

TOP CHORD 1-2=-2303/467, 2-3=-2186/377, 3-4=-1649/449, 4-5=-129/1270, 5-6=-128/1266,
6-7=-1653/450, 7-8=-2181/375, 8-9=-2214/448
BOT CHORD 1-14=-340/2146, 13-14=-340/2156, 11-13=-117/1774, 10-11=-315/1866, 9-10=-314/1852
WEBS 7-11=0/936, 8-11=-416/258, 3-13=0/951, 2-13=-489/277, 4-15=-3320/691,
6-15=-3320/691, 5-15=-120/653, 2-14=-389/41, 8-10=-466/27

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-0-0 to 3-0-6, Interior(1) 3-0-6 to 15-2-0, Exterior(2R) 15-2-0 to 18-2-6, Interior(1) 18-2-6 to 30-2-0 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
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-15, 6-15; Wall dead load (5.0psf) on member(s). 7-11, 3-13
- Bottom chord live load (30.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 11-13
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=283, 9=281.
- Attic room checked for L/360 deflection.



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

September 21,2021



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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

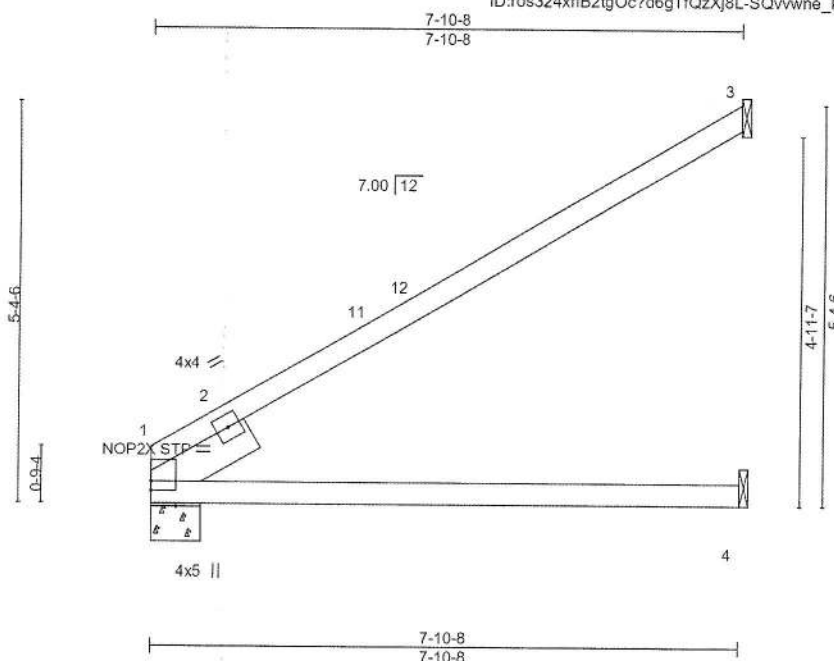


6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399733
T1719C	T30	Jack-Open	4	1		

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:08 2021 Page 1
ID:ros324xftB2tgOc?d6gTfQzXj8L-SQvwwne_kilalIND4?UzKdteZxHAvAKhKL0CJz0ybkOD



Scale = 1:31.0

Plate Offsets (X,Y)-- [1:Edge,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 0.98	Vert(LL)	0.24	4-9	>391	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.81	Vert(CT)	-0.27	4-9	>342	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.11	3	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MP							
									Weight: 29 lb	FT = 20%

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

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

REACTIONS. (size) 1=0-8-0, 3=Mechanical, 4=Mechanical
Max Horz 1=217(LC 12)
Max Uplift 1=-32(LC 12), 3=-180(LC 12), 4=-1(LC 12)
Max Grav 1=302(LC 1), 3=206(LC 17), 4=138(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-457/127

NOTES-

- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 7-9-12 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) All plates are MT20 plates unless otherwise indicated.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4 except (jt=lb) 3=180.



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

September 21, 2021

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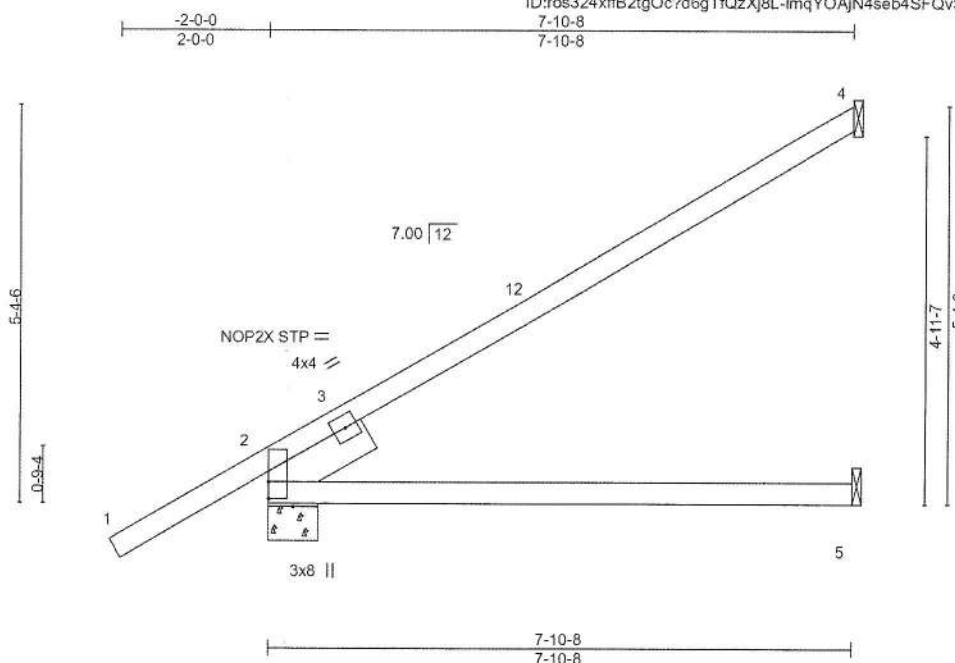


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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399734
T1719C	T31	Jack-Open	2	1	Job Reference (optional)	

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:15 2021 Page 1
ID:ros324xflB2tgOc?d6gTfQzXj8L-lmqYOAjN4seb4SFQvSbzPMOnC5bNJVPMyCBj7ybkO6



Scale = 1:31.2

Plate Offsets (X,Y)-- [2:Edge,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 0.91	Vert(LL)	0.19	5-10	>494	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.69	Vert(CT)	-0.28	5-10	>335	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.10	4	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MP							
									Weight: 32 lb	FT = 20%

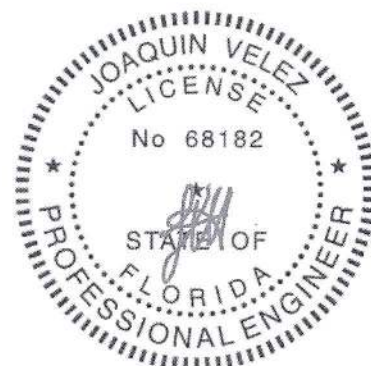
LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
SLIDER Left 2x6 SP No.1 1-6-0

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

REACTIONS. (size) 4=Mechanical, 2=0-8-0, 5=Mechanical
Max Horz 2=303(LC 12)
Max Uplift 4=167(LC 12), 2=189(LC 12)
Max Grav 4=197(LC 17), 2=434(LC 1), 5=135(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=738/300

NOTES-
1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 7-9-12 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) All plates are MT20 plates unless otherwise indicated.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=167, 2=189.



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

September 21,2021

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Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

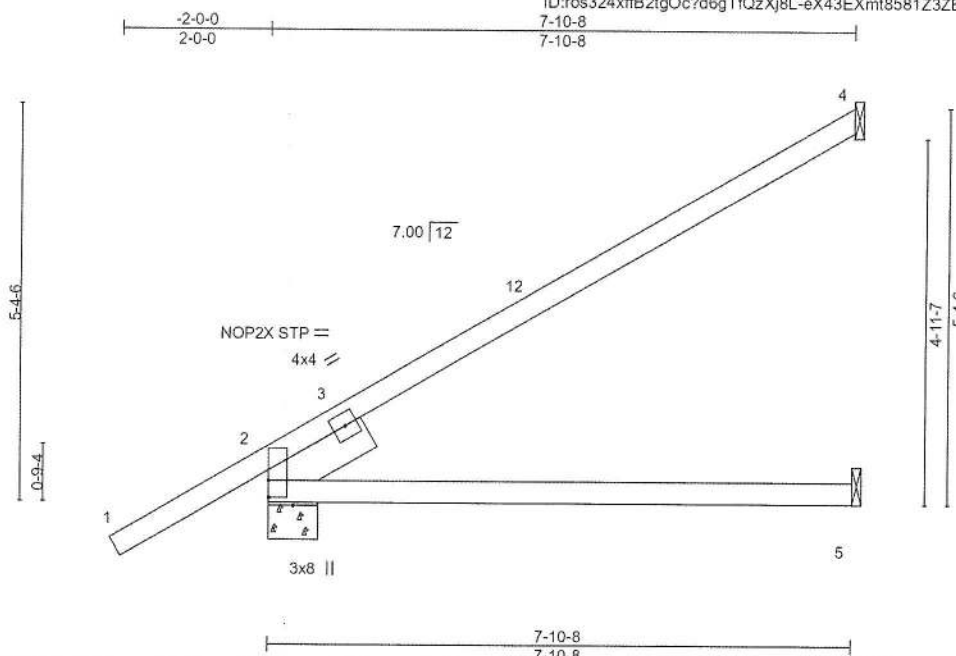


6904 Parke East Blvd.
Tampa, FL 33610

Job T1719C	Truss T32	Truss Type Jack-Open	Qty 1	Ply 1	KIBLER RES 9/20/21	T25399735
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Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:19 2021 Page 1
ID:ros324xffb2tgOc?d6gTfQzXj8L-eX43EXmt8581Z3ZB8HgvZCZSBlyJfJPtENPsuybkO2



Scale = 1:31.2

Plate Offsets (X,Y)--		[2:Edge,0-0-0]		7-10-8													
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.		in (loc)		l/defl		L/d		PLATES		GRIP	
TCLL 20.0		Plate Grip DOL 1.25		TC 0.91		Vert(LL)		0.19 5-10		>494		240		MT20		244/190	
TCDL 7.0		Lumber DOL 1.25		BC 0.69		Vert(CT)		-0.28 5-10		>335		180					
BCLL 0.0 *		Rep Stress Incr YES		WB 0.00		Horz(CT)		0.10 4		n/a		n/a					
BCDL 10.0		Code FRC2020/TPI2014		Matrix-MP										Weight: 32 lb		FT = 20%	

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

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

REACTIONS. (size) 4=Mechanical, 2=0-8-0, 5=Mechanical
Max Horz 2=303(LC 12)
Max Uplift 4=167(LC 12), 2=189(LC 12)
Max Grav 4=197(LC 17), 2=434(LC 1), 5=135(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=738/300

NOTES-
1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 7-9-12 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) All plates are MT20 plates unless otherwise indicated.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=167, 2=189.



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

September 21,2021

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6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21	T25399736
T1719C	T33	Common	1	1		

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:21 2021 Page 1
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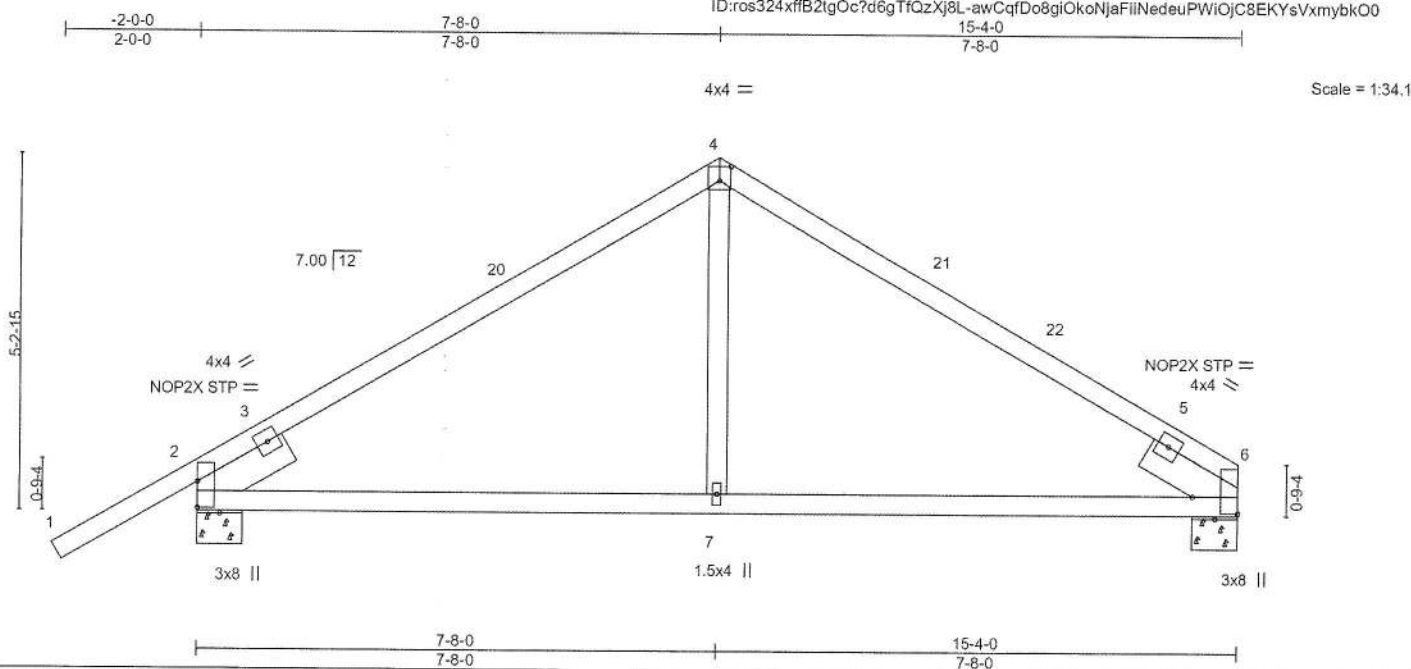


Plate Offsets (X,Y)-- [2:Edge,0-0-0], [4:0-2-0,0-2-8], [6:Edge,0-8-0]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.54	Vert(LL)	0.07	7-12	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.40	Vert(CT)	-0.11	7-12	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.11	Horz(CT)	0.02	6	n/a	n/a		
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MS							
									Weight: 67 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.1 1-6-0, Right 2x6 SP No.1 1-6-0

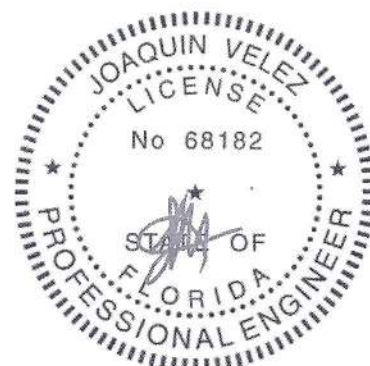
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-8-0, 2=0-8-0
Max Horz 2=177(LC 11)
Max Uplift 6=-195(LC 12), 2=-353(LC 12)
Max Grav 6=557(LC 1), 2=690(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-600/290, 4-6=-595/296
BOT CHORD 2-7=-111/435, 6-7=-111/435
WEBS 4-7=0/298

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-14 to 0-8-0, Interior(1) 0-8-0 to 7-8-0, Exterior(2R) 7-8-0 to 10-8-0, Interior(1) 10-8-0 to 15-4-0 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
- All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=195, 2=353.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
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September 21,2021

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6904 Parke East Blvd.
Tampa, FL 33610

Job T1719C	Truss T34	Truss Type Common	Qty 3	Ply 1	KIBLER RES 9/20/21	T25399737
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Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:26 2021 Page 1
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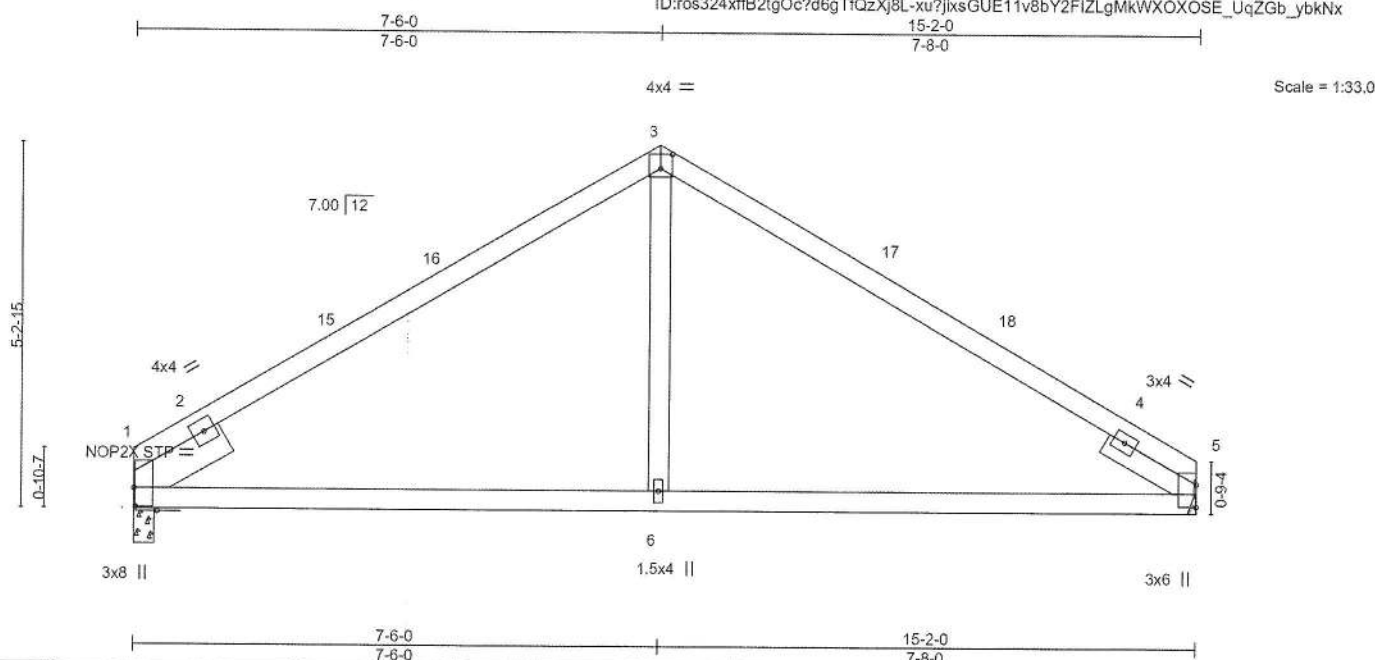


Plate Offsets (X,Y)--		[1:0-3-4,0-0-4], [3:0-2-0,0-2-8], [5:Edge,0-0-0]	
LOADING (psf)	SPACING-	CSI.	DEFL.
TCLL 20.0	Plate Grip DOL 1.25	TC 0.58	in (loc) l/defl L/d
TCDL 7.0	Lumber DOL 1.25	BC 0.46	Vert(LL) -0.09 6-13 >999 240
BCLL 0.0 *	Rep Stress Incr YES	WB 0.12	Vert(CT) -0.15 6-13 >999 180
BCDL 10.0	Code FRC2020/TPI2014	Matrix-MS	Horz(CT) 0.04 1 n/a n/a
		PLATES MT20 GRIP 244/190	
		Weight: 62 lb FT = 20%	

LUMBER-
TOP CHORD 2x4 SP No.2D
BOT CHORD 2x4 SP No.2D
WEBS 2x4 SP No.3
SLIDER Left 2x6 SP No.1 1-6-0, Right 2x4 SP No.3 1-6-0

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

REACTIONS. (size) 1=0-3-8, 5=Mechanical
Max Horz 1=146(LC 11)
Max Uplift 1=-206(LC 12), 5=-206(LC 12)
Max Grav 1=561(LC 1), 5=561(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-659/335, 3-5=-658/331
BOT CHORD 1-6=-145/495, 5-6=-145/495
WEBS 3-6=0/322

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-2-0 to 3-2-0, Interior(1) 3-2-0 to 7-8-0, Exterior(2R) 7-8-0 to 10-8-0, Interior(1) 10-8-0 to 15-4-0 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 MT20 plates 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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=206, 5=206.



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

September 21, 2021

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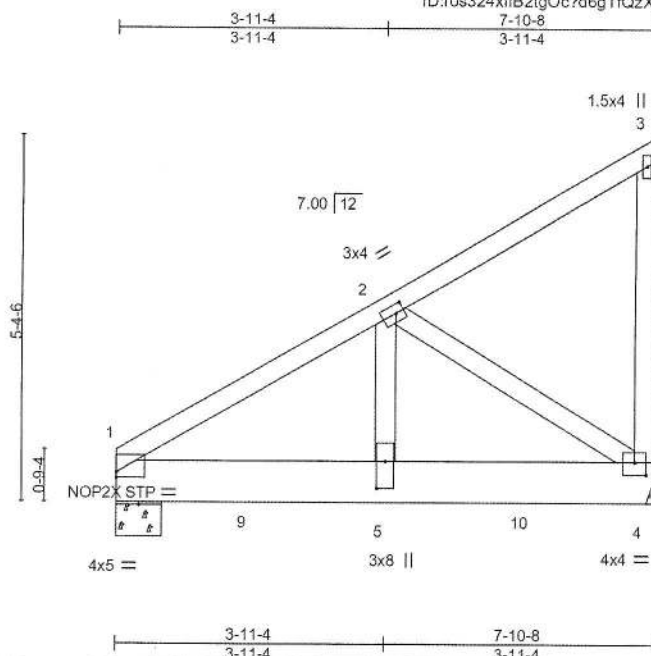


6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	KIBLER RES 9/20/21
T1719C	T35	Monopitch Girder	1	1	T25399738

Duley Truss, Dunnellon, FL - 34430,

8.430 s Aug 16 2021 MiTek Industries, Inc. Mon Sep 20 12:42:27 2021 Page 1
ID:ros324xftB2tgOc?d6gTfQzXj8L-P4Z5vGtuFY9uWIAkczpoutuyQxnF7cD7JTJq7QybkNw



Scale = 1:33.8

Plate Offsets (X,Y)-- [1:0-0-0,0-1-0], [2:0-1-8,0-1-8], [4:0-2-0,0-2-4], [5:0-4-12,0-1-8]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.45	Vert(LL)	0.02	5	>999	240	MT20
TCDL 7.0	Lumber DOL	1.25	BC 0.30	Vert(CT)	-0.03	4-5	>999	180	244/190
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.52	Horz(CT)	0.00	4	n/a	n/a	
BCDL 10.0	Code FRC2020/TPI2014		Matrix-MP						
								Weight: 54 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2D
BOT CHORD 2x8 SP No.1D
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-5-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 1=0-8-0, 4=Mechanical
Max Horz 1=272(LC 7)
Max Uplift 1=-411(LC 8), 4=-469(LC 5)
Max Grav 1=1082(LC 1), 4=1113(LC 1)

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

TOP CHORD 1-2=-1290/495
BOT CHORD 1-5=-495/1076, 4-5=-495/1076
WEBS 2-5=-396/1136, 2-4=-1304/595

NOTES-

- 1) Wind: ASCE 7-16; Vult=140mph (3-second gust) Vasd=108mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; 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) All plates are MT20 plates unless otherwise indicated.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 1=411, 4=469.
- 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 541 lb down and 226 lb up at 1-11-4, and 541 lb down and 226 lb up at 3-11-4, and 541 lb down and 226 lb up at 5-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- 1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 4-6=-20
Concentrated Loads (lb)
Vert: 5=-541(B) 9=-541(B) 10=-541(B)



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

September 21, 2021



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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

Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



6904 Parke East Blvd.
Tampa, FL 33610

