



RE: 3035595 - RJH CONST. - CANTER HANGER

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

Site Information:

Customer Info: RJH CONST. Project Name: Canter HAnger Model: Custom

Lot/Block: 6 Subdivision: Cannon Creek

Address: TBD, TBD

City: Columbia Cty 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: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4

Wind Code: ASCE 7-16 Wind Speed: 130 mph Roof Load: 40.0 psf Floor Load: 65.0 psf

This package includes 7 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.

Seal#	Truss Name	Date
T26620820	F01	1/24/22
T26620821	F02	1/24/22
T26620822	F03	1/24/22
T26620823	T01	1/24/22
T26620824		1/24/22
		1/24/22
T26620826	T02G	1/24/22
	T26620820 T26620821 T26620822 T26620823 T26620824 T26620825	T26620820 F01 T26620821 F02 T26620822 F03 T26620823 T01 T26620824 T01G T26620825 T02

The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Builders FirstSource-Lake City, FL.

Truss Design Engineer's Name: ORegan, Philip

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.



rarke East Bivu. Tampa FL 33010

January 24,2022

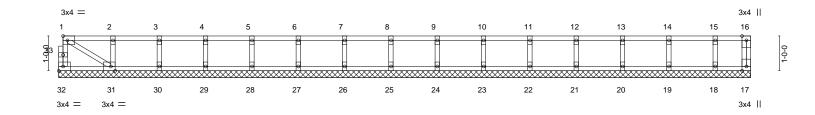
Job	Truss	Truss Type	Qty	Ply	RJH CONST CANTER HANGER
0005505	F04	OARI F			T26620820
3035595	F01	GABLE	2	1	
					Job Reference (optional)

Lake City, FL - 32055,

8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:28 2022 Page 1 ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-9gDK0Oh60OYbDc3ugHSpXKJG5Bb6k0MY\_7p\_zuzsQK5

0-11-8

Scale = 1:33.2



1-6-12 Plate Offsets (X,Y)-	1-4-0 ' 1-4-0 ' 1-4-0 ' 1-4-0 [31:0-1-8,Edge]	1-4-0 1-4-0	<u>' 1-4-0                                  </u>	1-4-0 1-4-0 1-0-4
LOADING (psf) TCLL 40.0	SPACING- 2-0-0 Plate Grip DOL 1.00	<b>CSI.</b> TC 0.10	DEFL. in (loc) I/defl L/d Vert(LL) n/a - n/a 999	PLATES GRIP MT20 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr YES	BC 0.03 WB 0.03	Vert(CT) n/a - n/a 999 Horz(CT) 0.00 17 n/a n/a	W1120 244/100
BCDL 15.0	Code FBC2020/TPI2014	Matrix-S	, ,	Weight: 81 lb FT = 20%F, 11%E

1-6-12 , 2-10-12 , 4-2-12 , 5-6-12 , 6-10-12 , 8-2-12 , 9-6-12 , 10-10-12 , 12-2-12 , 13-6-12 , 14-10-12 , 16-2-12 , 17-6-12 , 18-10-12 , 19-11-0 ,

2x4 SP No 2(flat)

**BOT CHORD** 2x4 SP No.2(flat) 2x4 SP No.3(flat) WFBS **OTHERS** 

2x4 SP No.3(flat)

BRACING-

BOT CHORD

TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins,

except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 19-11-0.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 32, 17, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19,

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

LUMBER-

TOP CHORD

- 1) All plates are 1.5x3 MT20 unless otherwise indicated.
- 2) Gable requires continuous bottom chord bearing.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 4) Gable studs spaced at 1-4-0 oc.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 6) CAUTION, Do not erect truss backwards.



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

January 24,2022

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK 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

ANSI/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information

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



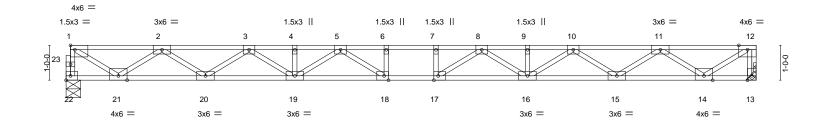
Job	Truss	Truss Type	Qty	Ply	RJH CONST CANTER HANGER
0005505	F00	EL OOD	00		T26620821
3035595	F02	FLOOR	33	1	
					Job Reference (optional)

Lake City, FL - 32055,

8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:30 2022 Page 1 ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-63L5R4iMY?oJSvDHnhUHclPaX\_8dCmoqSRI51nzsQK3

1-3-10

Scale = 1:33.1



<b>⊢</b>	1-6-0 1-6-0	4-0-0 2-6-0			15-9-10 11-9-10			18-3-10 2-6-0	19-9-10 1-6-0
Plate Offse	ets (X,Y)	[1:Edge,0-1-8], [17:0-1-8,	Edge], [18:0-1-8	3,Edge]					
LOADING TCLL TCDL BCLL	(psf) 40.0 10.0 0.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	1-4-0 1.00 1.00 YES	CSI. TC 0.23 BC 0.54 WB 0.68	DEFL. Vert(LL) Vert(CT) Horz(CT)	-0.34 17-18 >	l/defl L/d >698 360 >430 240 n/a n/a	PLATES MT20	<b>GRIP</b> 244/190
BCDL	15.0	Code FBC2020/TI	PI2014	Matrix-S	, ,			Weight: 98 lb	FT = 20%F, 11%E

LUMBER-

TOP CHORD 2x4 SP M 31(flat) 2x4 SP M 31(flat)

BOT CHORD

WFBS 2x4 SP No.3(flat) **BRACING-**

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins,

except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

BOT CHORD

(size) 22=0-5-0, 13=Mechanical Max Grav 22=843(LC 1), 13=847(LC 1)

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

1-22=-834/0, 12-13=-836/0, 1-2=-1202/0, 2-3=-2980/0, 3-4=-4171/0, 4-5=-4171/0, TOP CHORD

5-6=-4695/0, 6-7=-4695/0, 7-8=-4695/0, 8-9=-4171/0, 9-10=-4171/0, 10-11=-2980/0,

11-12=-1200/0

20-21=0/2231, 19-20=0/3656, 18-19=0/4502, 17-18=0/4695, 16-17=0/4502, 15-16=0/3655, 14-15=0/2232

> 12-14=0/1423, 1-21=0/1373, 11-14=-1260/0, 2-21=-1256/0, 11-15=0/913, 2-20=0/914, 10-15=-824/0, 3-20=-825/0, 10-16=0/620, 3-19=0/619, 8-16=-408/0, 5-19=-408/0,

8-17=-80/491, 5-18=-80/491

## NOTES-

**WEBS** 

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x4 MT20 unless otherwise indicated.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) CAUTION, Do not erect truss backwards.



Philip J. O'Regan PE No.58126 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610

January 24,2022



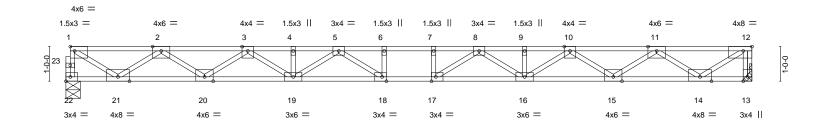
Job	Truss	Truss Type	Qty	Ply	RJH CONST CANTER HANGER
	F02				T26620822
3035595	F03	FLOOR	11	1	
					Job Reference (optional)

Lake City, FL - 32055,

8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:31 2022 Page 1 ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-aFuTfQj\_JJwA43nTLP?W9zxj?ORGxAr\_g51eaDzsQK2



Scale = 1:33.3



	1-6-0	2-6-0			11-9-10				2-6-0	1-6-0
Plate Of	fsets (X,Y)	[1:Edge,0-1-8], [12:0-3	3-0,Edge], [17:0-1	-8,Edge], [18:0-1-8,Edge]						
LOADIN	IG (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	60.0	Plate Grip DOL	1.00	TC 0.38	Vert(LL)	-0.50 17-18	>465	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC 0.71	Vert(CT)	-0.71 17-18	>329	240		
BCLL	0.0	Rep Stress Inci	r YES	WB 0.88	Horz(CT)	0.09 13	n/a	n/a		
BCDL	15.0	Code FBC2020	0/TPI2014	Matrix-S	, ,				Weight: 98 lb	FT = 20%F, 11%E

15-9-10

LUMBER-

TOP CHORD 2x4 SP M 31(flat) 2x4 SP M 31(flat)

BOT CHORD WFBS 2x4 SP No.3(flat)

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 10-0-0 oc bracing.

REACTIONS.

BOT CHORD

(size) 22=0-5-0, 13=Mechanical

4-0-0

Max Grav 22=1102(LC 1), 13=1108(LC 1)

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

TOP CHORD 1-22=-1092/0, 12-13=-1095/0, 1-2=-1566/0, 2-3=-3891/0, 3-4=-5451/0, 4-5=-5451/0,

5-6=-6138/0, 6-7=-6138/0, 7-8=-6138/0, 8-9=-5451/0, 9-10=-5451/0, 10-11=-3892/0, 11-12=-1563/0

20-21=0/2924, 19-20=0/4785, 18-19=0/5890, 17-18=0/6138, 16-17=0/5890, 15-16=0/4784,

14-15=0/2927 **WEBS** 12-14=0/1853, 1-21=0/1789, 11-14=-1664/0, 2-21=-1658/0, 11-15=0/1178, 2-20=0/1180,

10-15=-1089/0, 3-20=-1091/0, 10-16=0/802, 3-19=0/801, 8-16=-544/0, 5-19=-544/0,

 $8\text{-}17\text{=-}171/685,\,5\text{-}18\text{=-}171/685,\,6\text{-}18\text{=-}252/43,\,7\text{-}17\text{=-}252/43}$ 

## NOTES-

- 1) Unbalanced floor live loads have been considered for this design.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Required 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 4) CAUTION, Do not erect truss backwards.



18-3-10

19-9-10

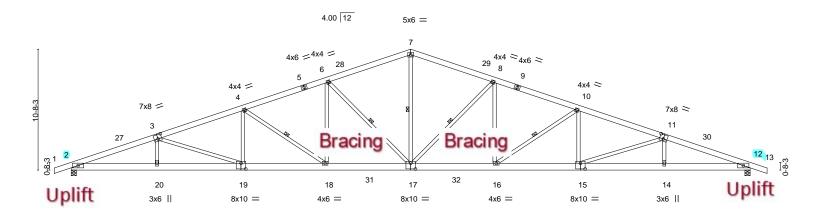
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January 24,2022



Job		Truss		Truss Type		Qty	/	Ply	RJH CONST.	- CANTER HANGER		
												T26620823
3035595		T01		Common		26		1				
									Job Reference	(optional)		
Builders FirstSc	ource (Lake C	ity,FL),	Lake City, FL	32055,			8.4	130 s Aug	16 2021 MiTek	Industries, Inc. Sun Ja	ın 23 16:17:34 2022	Page 1
						ID:4Q6LvwXh	(hnzjFF	gKgaEny	NztAAhqacHF	RmtcEllxXW20XZDnbZ	BPbZw8XuQN2GIA	YzsQK?
<sub>1</sub> 1-6-Q	7-7-0	1	15-2-0	22-7-0	30-0-0	37-5-	0	1	44-10-0	52-5-0	60-0-0	61-6-P
1-6-0	7-7-0		7-7-0	7-5-0	7-5-0	7-5-0	1		7-5-0	7-7-0	7-7-0	1-6-0

Scale = 1:101.8



	7-7-0	15-2-0	22-7	'-0	30-0-0	37-5	-0 1	44-10-0	1 53	2-5-0 <sub>I</sub>	60-0-0	
	7-7-0	7-7-0	7-5	-0	7-5-0	7-5-	0 '	7-5-0	7	<b>'-7-</b> 0	7-7-0	
Plate Offsets	s (X,Y) [3:0	0-4-0,0-4-8], [11:0-4-0,0	-4-8], [15:0-5-	0,0-6-0], [1	7:0-5-0,0-6-0],	[19:0-5-0,0-6-0]						
LOADING (	(psf)	SPACING-	2-0-0	CSI		DEFL.	in (loc)	l/defl L	./d	PLATES	GRIP	
TCLL 2	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	-0.47 16-17	>999 2	40	MT20	244/190	
TCDL 1	10.0	Lumber DOL	1.25	ВС	0.33	Vert(CT)	-0.87 16-17	>832 1	80			
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.18 12	n/a r	ı/a			
BCDL 1	10.0	Code FBC2020/TP	12014	Mat	rix-MS					Weight: 475	5 lb FT = 20%	

BRACING-

TOP CHORD

**BOT CHORD** 

WFBS

LUMBER-

TOP CHORD 2x6 SP No 2 BOT CHORD 2x8 SP 2400F 2.0E

2x4 SP No.3 WFBS

REACTIONS.

(size) 2=0-5-8, 12=0-5-8 Max Horz 2=234(LC 12)

Max Uplift 2=-1073(LC 8), 12=-1073(LC 9) Max Grav 2=2679(LC 2), 12=2679(LC 2)

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

TOP CHORD 2-3=-6748/2783, 3-4=-6155/2594, 4-6=-5190/2272, 6-7=-4212/1947, 7-8=-4212/1947,

8-10=-5190/2272, 10-11=-6155/2594, 11-12=-6748/2783

**BOT CHORD** 2-20=-2532/6348, 19-20=-2533/6348, 18-19=-2236/5772, 17-18=-1813/4867, 16-17=-1820/4867, 15-16=-2242/5772, 14-15=-2540/6348, 12-14=-2539/6348

7-17=-896/2266, 8-17=-1353/686, 8-16=-267/902, 10-16=-1107/568, 10-15=-109/550,

11-15=-640/381, 6-17=-1353/685, 6-18=-267/902, 4-18=-1107/569, 4-19=-109/550,

3-19=-640/377

## NOTES-

WEBS

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=24ft; Cat. II: Exp C: Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 4-6-0, Interior(1) 4-6-0 to 30-0-0, Exterior(2R) 30-0-0 to 36-0-0, Interior(1) 36-0-0 to 61-6-0 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 4) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1073 lb uplift at joint 2 and 1073 lb uplift at joint 12.



Structural wood sheathing directly applied or 2-7-0 oc purlins.

7-17, 8-17, 10-16, 6-17, 4-18

Rigid ceiling directly applied or 7-5-7 oc bracing.

1 Row at midpt

Philip J. O'Regan PE No.58126 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610

January 24,2022

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK 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

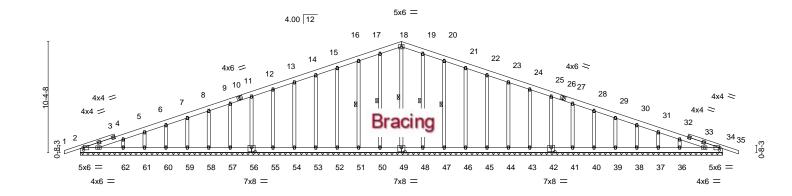
ANSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job Truss Truss Type Qty Ply RJH CONST. - CANTER HANGER T26620824 3035595 T01G COMMON SUPPORTED GAB Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:37 2022 Page 1

ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-PPGkvTolu9gKo\_Fdhf6wPDBnGpf0L3ys30UymtzsQJy 60-0-0 30-0-0 30-0-0 30-0-0

Scale = 1:107.6



60-0-0 60-0-0 [2:0-0-8,0-2-8], [34:0-0-8,0-2-8], [42:0-4-0,0-4-8], [49:0-4-0,0-4-8], [56:0-4-0,0-4-8] Plate Offsets (X,Y)--LOADING (psf) SPACING-2-0-0 CSI. DEFL. (loc) I/defI L/d **PLATES** GRIP **TCLL** 20.0 Plate Grip DOL 1.25 TC 0.13 Vert(LL) -0.00 35 n/r 120 MT20 244/190 **TCDL** 10.0 Lumber DOL 1.25 BC 0.05 Vert(CT) -0.01 35 n/r 120 WB **BCLL** 0.0 Rep Stress Incr YES 0.14 Horz(CT) 0.01 34 n/a n/a BCDL 10.0 Code FBC2020/TPI2014 Matrix-S Weight: 502 lb FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2 \*Except\* 1-3.33-35: 2x4 SP No.2

BOT CHORD 2x6 SP No.2

**OTHERS** 2x4 SP No.3 **BRACING-**

TOP CHORD **BOT CHORD** WFBS

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 18-49, 17-50, 16-51, 19-48, 20-47

REACTIONS. All bearings 60-0-0.

(lb) -Max Horz 2=226(LC 12)

Max Uplift All uplift 100 lb or less at joint(s) 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37 except 2=-112(LC

8), 62=-129(LC 12), 36=-132(LC 13), 34=-136(LC 9)

Max Grav All reactions 250 lb or less at joint(s) 49, 50, 51, 52, 53, 54, 55, 56,

57, 58, 59, 60, 61, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37 except

2=251(LC 1), 62=270(LC 1), 36=270(LC 1), 34=251(LC 1)

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

TOP CHORD 2-4=-259/115, 13-14=-95/266, 14-15=-109/298, 15-16=-123/332, 16-17=-138/369, 17-18=-149/393, 18-19=-149/383, 19-20=-138/339, 20-21=-123/303, 21-22=-109/268

## NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=24ft; Cat. II: Exp C: Encl. GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3E) -1-6-0 to 4-6-0, Exterior(2N) 4-6-0 to 30-0-0, Corner(3R) 30-0-0 to 36-0-0, Exterior(2N) 36-0-0 to 61-6-0 zone; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 5) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
- 6) All plates are 2x4 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Gable studs spaced at 2-0-0 oc.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) \* 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.



Philip J. O'Regan PE No.58126 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610

January 24,2022

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

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information

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



Job	Truss	Truss Type	Qty	Ply	RJH CONST CANTER HANGER
0005505	T040	COMMON CURRENTER CAR			T26620824
3035595	T01G	COMMON SUPPORTED GAB	1	1	
					Job Reference (optional)

Lake City, FL - 32055,

8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:38 2022 Page 2 ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-tbp67ppNfSoBQ8qpFNd9xRky0D?F4WC0HgEWIJzsQJx

## NOTES-

- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 48, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37 except (jt=lb) 2=112, 62=129, 36=132, 34=136.
- 12) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.



Job Truss Truss Type Qty Ply RJH CONST. - CANTER HANGER T26620825 3035595 T02 3 Common Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:40 2022 Page 1 ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-p\_xtYVqeB42ufSzCNogd0sp8P0ZnYEwJl\_jdNCzsQJv 30-0-0 44-10-0 52-5-0 60-0-0 61-6-0 1-6-0 37-5-0

7-5-0

7-5-0

7-5-0

22-7-0

Scale = 1:107.3

7-7-0

52-5-0

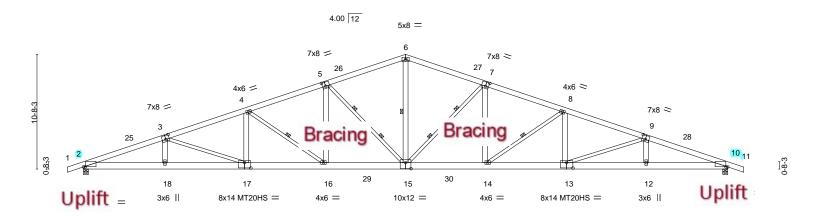
Structural wood sheathing directly applied or 1-10-5 oc purlins.

6-15, 8-14, 4-16

7-15, 5-15

Rigid ceiling directly applied or 5-6-1 oc bracing.

60-0-0



	7-7	7-7-0	7-	5-0	7-5-0	7-5-0		7-5-0	7-7-0	7-7-0	)
Plate Offse	ets (X,Y)	[2:0-2-0,0-0-4], [3:0-4-0,0	-4-8], [5:0-3-8,	0-4-8], [7:0	-3-8,0-4-8], [9:0-	·4-0,0-4-8], [10:0-2-0	,0-0-4], [13	:0-7-0,0-6-0	0], [15:0-6-0,0-6-12	], [17:0-7-0,0-6	-0]
LOADING	i (psf)	SPACING-	2-0-0	CS	l.	DEFL.	in (loc)	I/defI	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.78	Vert(LL) 0	.65 16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT) -1	.11 15-16	>647	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WE	0.96	Horz(CT) 0	.26 10	n/a	n/a		
BCDL	10.0	Code FBC2020/TF	PI2014	Ma	trix-MS					Weight: 506 lb	FT = 20%
										-	

37-5-0

**BRACING-**

WFBS

TOP CHORD

BOT CHORD

44-10-0

1 Row at midpt

2 Rows at 1/3 pts

30-0-0

LUMBER-

TOP CHORD 2x6 SP No 2 \*Except\* 3-5 7-9: 2x6 SP M 26

**BOT CHORD** 2x8 SP 2400F 2.0E **WEBS** 2x6 SP No.2 \*Except\*

7-15,8-14,9-13,5-15,4-16,3-17: 2x4 SP No.3

REACTIONS.

(size) 2=0-5-8, 10=0-5-8 Max Horz 2=234(LC 12)

Max Uplift 2=-1668(LC 8), 10=-1598(LC 9) Max Grav 2=3795(LC 2), 10=3663(LC 2)

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

TOP CHORD 2-3--9936/4916, 3-4--9172/4618, 4-5--7561/3857, 5-6--6062/3183, 6-7--6062/3183, 6--7--7061/6182, 6--7061/6182, 6--7061/6182, 6--7061/6182, 6--7061/6182, 6--7061/6182, 6--7061/6182,

7-8=-7427/3768, 8-9=-8774/4351, 9-10=-9557/4663

BOT CHORD 2-18=-4549/9362, 17-18=-4549/9360, 16-17=-4144/8630, 15-16=-3328/7138, 14-15=-3248/7008, 13-14=-3904/8260, 12-13=-4316/9002, 10-12=-4316/9003 **WEBS** 6-15=-1670/3426, 7-15=-1890/1014, 7-14=-572/1402, 8-14=-1555/821, 8-13=-339/919, 9-13=-822/471, 9-12=0/302, 5-15=-2076/1138, 5-16=-687/1575, 4-16=-1893/1019,

4-17=-509/1179, 3-17=-798/456, 3-18=0/293

## NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=24ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 4-6-0, Interior(1) 4-6-0 to 30-0-0, Exterior(2R) 30-0-0 to 36-0-0, Interior(1) 36-0-0 to 61-6-0 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 4) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
- 5) All plates are MT20 plates unless otherwise indicated.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) \* This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1668, 10=1598,



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January 24,2022

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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 chorembers only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

\*\*ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information\*\* available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



	Job	Truss	Truss Type	Qty	Ply	RJH CONST CANTER HANGER
	0005505	T00				T26620825
	3035595	T02	Common	3	1	11.5 ( ( )
ı						Job Reference (optional)

Lake City, FL - 32055,

8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:40 2022 Page 2 ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-p\_xtYVqeB42ufSzCNogd0sp8P0ZnYEwJI\_jdNCzsQJv

## NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 300 lb down and 176 lb up at 7-7-0, 600 lb down and 351 lb up at 15-2-0, 300 lb down and 176 lb up at 22-7-0, 300 lb down and 176 lb up at 30-0-0, 300 lb down and 176 lb up at 37-5-0, and 300 lb down and 176 lb up at 44-10-0, and 300 lb down and 176 lb up at 52-5-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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

## LOAD CASE(S) Standard

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

Vert: 1-6=-60, 6-11=-60, 19-22=-20

Concentrated Loads (lb)

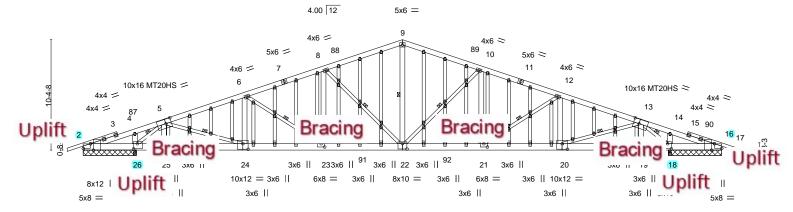
Vert: 15=-300(F) 14=-300(F) 13=-300(F) 12=-300(F) 16=-300(F) 17=-600(F) 18=-300(F)

Job Truss Truss Type Qty Ply RJH CONST. - CANTER HANGER T26620826 3035595 T02G **GABLE** Job Reference (optional) 8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:47 2022 Page 1

Builders FirstSource (Lake City,FL), Lake City, FL - 32055,

ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-6KsW0uw1YDxv?W0YHmlGpKcK8rzshPwLMawU7lzsQJo 44-10-0 7-5-0 55-1-12 2-8-12

Scale = 1:108.2



7-7-0								55-1-12		
	4-10-4 5-Q-0	15-2-0	22-7-0	30-0-0	37-5-0	44-10-0	52-5-0	<sub>1</sub> 55-0-0 <sub>11</sub>	60-0-0	
	4-10-4 0-1 <sup>ll</sup> 12	7-7-0	7-5-0	7-5-0	7-5-0	7-5-0	7-7-0	2-7-0	4-10-4	
	2-7-0							0-1-12		

BRACING-

TOP CHORD

**BOT CHORD** 

**WEBS** 

Plate Offsets (X,Y)--[2:0-7-4,Edge], [2:Edge,0-5-4], [5:0-6-4,0-5-0], [13:0-6-4,0-5-0], [16:0-7-4,Edge], [16:Edge,0-5-4], [18:0-4-4,0-5-12], [20:0-6-0,0-6-4], [21:0-4-0,0-3-12], [22:0-5-0,0-6-0], [23:0-4-0,0-3-12], [24:0-6-0,0-6-4], [26:0-4-4,0-5-12], [50:0-1-10,0-1-0], [56:0-0-0,0-0-0], [56:0-0-0,0-0-0], [59:0-0-0-0], [59:0-0-0-0-0], [59:0-0-0-0-0], [59:0-0-0-0-0], [59:0-0-0-0-0], [59:0-0-0-0-0], [59:0-0-0-0-0], [59:0-0-0-0-0-0], [,0-0-0], [62:0-0-0,0-0-0], [62:0-0-0,0-0-0], [70:0-0-0,0-0-0], [70:0-0-0,0-0-0], [72:0-0-0,0-0-0], [79:0-1-10,0-1-0]

LOADING	G (psf)	SPACING-	2-0-0	CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	0.43 21-22	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.68 22-23	>887	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.88	Horz(CT)	0.13 18	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2	2014	Matri	x-MS					Weight: 680 lb	FT = 20%

LUMBER-

**BOT CHORD** 

TOP CHORD 2x6 SP No.2 \*Except\*

1-3,15-17: 2x4 SP No.2 2x8 SP 2400F 2.0E

**WEBS** 2x6 SP No.2 \*Except\*

5-24,13-20,5-26,13-18: 2x4 SP No.2 6-23,8-22,10-22,12-21: 2x4 SP No.3

**OTHERS** 2x4 SP No.3

All bearings 5-0-0. REACTIONS.

Max Horz 2=226(LC 16) (lb) -

Max Uplift All uplift 100 lb or less at joint(s) except 2=-818(LC 24), 16=-818(LC 23),

26=-2589(LC 8), 18=-2565(LC 9)

All reactions 250 lb or less at joint(s) except 2=358(LC 12), 16=380(LC 12), 26=5815(LC 1), 26=5815(LC 1), 18=5815(LC 1), 18=5815(LC 1)

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

TOP CHORD 2-4=-1372/2560, 4-5=-1341/2577, 5-6=-7018/3718, 6-8=-6833/3711, 8-9=-5682/3186,

9-10=-5682/3186, 10-12=-6833/3711, 12-13=-7018/3719, 13-14=-1343/2577,

14-16=-1373/2561

**BOT CHORD** 2-26=-2441/1402, 25-26=-1434/2914, 24-25=-1435/2911, 23-24=-3333/6603,

22-23=-3201/6417, 21-22=-3205/6417, 20-21=-3337/6603, 19-20=-1438/2909,

18-19=-1436/2912, 16-18=-2442/1405

WEBS 5-25=-11/256, 5-24=-1991/3877, 6-24=-273/211, 6-23=-345/241, 8-23=-472/1101,

8-22=-1628/913, 9-22=-1677/3121, 10-22=-1628/913, 10-21=-472/1106, 12-21=-345/253,

12-20=-273/211, 13-20=-1992/3878, 5-26=-7004/3685, 13-18=-7003/3684

## NOTES-

1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=24ft; Cat. II; Exp C; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 4-6-0, Interior(1) 4-6-0 to 30-0-0, Exterior(2R) 30-0-0 to 36-0-0, Interior(1) 36-0-0 to 61-6-0 zone; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.



5-24, 6-23, 8-22, 9-22, 10-22, 12-21, 13-20

Structural wood sheathing directly applied or 2-3-7 oc purlins.

, 5-26, 13-18

Rigid ceiling directly applied or 6-0-0 oc bracing.

1 Row at midpt

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\*\*AMSI/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information\*\* available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	Truss Type	Qty	Ply	RJH CONST CANTER HANGER
			l.		T26620826
3035595	T02G	GABLE	1	1	
					Job Reference (optional)

Lake City, FL - 32055,

8.430 s Aug 16 2021 MiTek Industries, Inc. Sun Jan 23 16:17:47 2022 Page 2 ID:4Q6LvwXKhnzjFFgKgaEnyNztAAh-6KsW0uw1YDxv?W0YHmlGpKcK8rzshPwLMawU7lzsQJo

## NOTES-

- 5) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
- 6) All plates are MT20 plates unless otherwise indicated.
- 7) All plates are 2x4 MT20 unless otherwise indicated.
- 8) Gable studs spaced at 2-0-0 oc.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) \* 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.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 818 lb uplift at joint 2, 818 lb uplift at joint 16, 2589 lb uplift at joint 26 and 2565 lb uplift at joint 18.
- 12) 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)

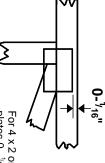
Vert: 1-9=-60, 9-17=-60, 26-81=-20, 18-26=-120(F=-100), 18-84=-20

## Symbols

## PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0-  $\frac{1}{16}$ " from outside edge of truss.

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

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

## PLATE SIZE

4 × 4

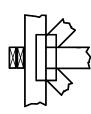
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

## LATERAL BRACING LOCATION



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

## **BEARING**



Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

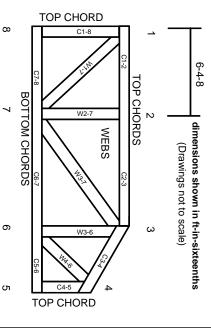
Min size shown is for crushing only

## Industry Standards:

National Design Specification for Metal Plate Connected Wood Truss Construction. Design Standard for Bracing.
Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

ANSI/TPI1: DSB-89:

## **Numbering System**



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

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

## PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

# **General Safety Notes**

# Failure to Follow Could Cause Property Damage or Personal Injury

- Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI
- Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
- Never exceed the design loading shown and never stack materials on inadequately braced trusses.

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- Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- Cut members to bear tightly against each other.

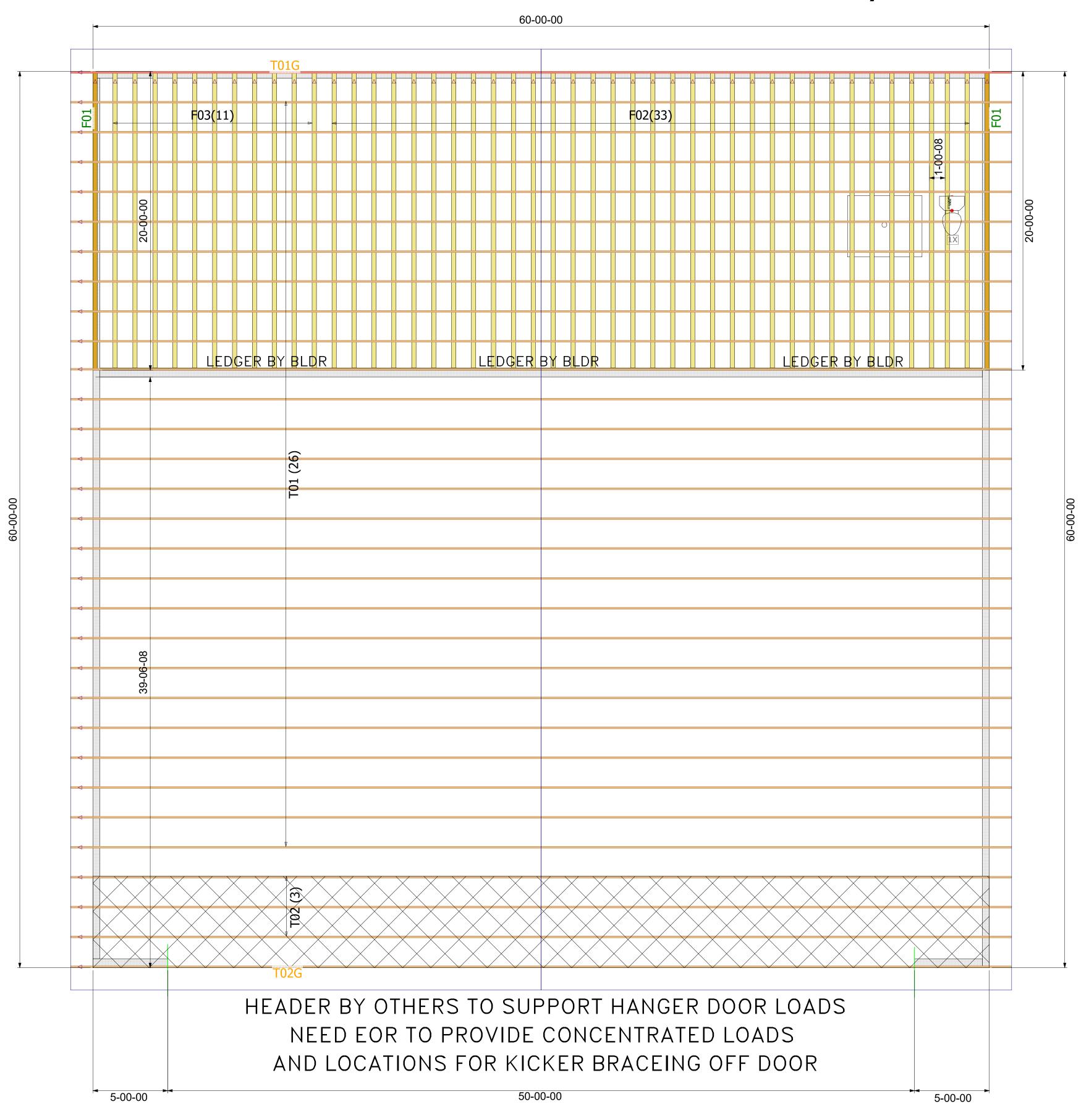
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- Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.

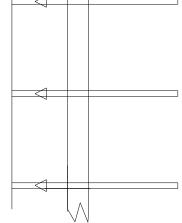
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- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber
- Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
- Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
- Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
- Top chords must be sheathed or purlins provided at spacing indicated on design.
- Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
- Connections not shown are the responsibility of others.
- Do not cut or alter truss member or plate without prior approval of an engineer.
- 17. Install and load vertically unless indicated otherwise.
- Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
- Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- 20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.
- 21. The design does not take into account any dynamic or other loads other than those expressly stated.

## 4/12 PITCH - 18" 0/H FLOORS 12" DEEP - 16" 0/C



THE ARROW HEAD AT THE END OF THE TRUSS ON THE TRUSS PLACEMENT PLAN (LAYOUT) CORRESPONDS WITH THE LEFT SIDE OF THE INDIVIDUAL TRUSS DRAWING. USE THIS AS AN ORIENTATION GUIDE WHEN SETTING THE TRUSSES ON THE STRUCTURE.



General Notes:

Per ANSI/TPI 1-2002 all "Truss to Wall" connections re the responsibility of the Building Designer, not the Yruss Manufacturer.

- Use Manufacturer's specifications for all hanger onnections unless noted otherwise.

- Trusses are to be 24" o.c. U.N.O. - All hangers are to be Simpson or equivalent U.N.O.-Use 10d x 1 1/2" Nails in hanger connections to single ply

- Trusses are not designed to support brick U.N.O. - Dimensions are Feet-Inches- Sixteenths

Notes:

type of items.

No back charges will be accepted by Builders FirstSource unless approved in writing first. 850-835-4541

ACQ lumber is corrisive to truss plates. Any ACQ lumber that comes in contact with truss plates (i.e. scabbed on tails) must have an approved barrier applied first.

Refer to BCSI-B1 Summary Sheet-Guide for handling, Installing and Bracing of Metal Plate Connected Wood Truss prior to and during truss installation.

It is the responsibility of the Contractor to ensure of the proper orientation of the truss placement plans as to the construction documents and field conditions of the structure orientation. If a reversed or flipped layout is

required, it will be supplied at no extra cost by Builders

FirstSource. It is the responsibility of the Contractor to make sure the placement of trusses are adjusted for plumbing drops, can lights, ect..., so the trusses do not interfere with these

All common framed roof or floor systems must be designed as to NOT impose any loads on the floor trusses below. The floor trusses have not been designed to carry any additional loads from above.

This truss placement plan was not created by an engineer, but rather by the Builders FirstSource staff and is solely to be used as an installation guide and does not require a seal. Complete truss engineering and analysis can be found on the truss design drawings which may be sealed by the truss design engineer.

Gable end trusses require continuous bottom chord bearing. Refer to local codes for wall framing

Although all attempts have been made to do so, trusses may not be designed symmetrically. Please refer to the individual truss drawings and truss placement plans for proper orientation and placement.



Lake City PHONE: 386-755-6894 FAX: 386-755-7973

Jacksonville PHONE: 904-772-6100 FAX: 904-772-1973

Tallahassee PHONE: 850-576-5177

RJH CONST.

Canter Airplane Hanger

Custom

Drawn By: 1-21-22 Floor 1 Job#

3035595 Floor 2 Job#: Roof Job #: N/A 3035595

Original Ref#:

MITEK PLATE APPROVAL #'S 2197.2-2197.4, BOISE EWP PRODUCT #'S LVL FL1644-R2, BCI JOISTS FL1392-R2