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

RE: 3163303 - GIEBEIG - LOT 7 CW

MiTek USA, Inc.

6904 Parke East Blvd. Tampa, FL 33610-4115

Site Information:

Customer Info: GIEBEIG CONST. Project Name: Spec Hse Model: 1676

Lot/Block: 7 Subdivision: Crosswinds

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

Wind Code: ASCE 7-16

Design Program: MiTek 20/20 8.5

Wind Speed: 130 mph

Roof Load: 37.0 psf

Floor Load: N/A psf

This package includes 24 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#	Trus
	T27693282 T27693283 T27693284	CJ01 CJ03 CJ05	5/12/22 5/12/22	23 24	T27693304 T27693305	T16 T17
1 2 3 4 5 6 7 8 9 10	T27693285 T27693286	EJ01 HJ10	5/12/22 5/12/22 5/12/22			
7	T27693287 T27693288 T27693289	T01 T01G T02	5/12/22 5/12/22 5/12/22			
11	T27693290 T27693291 T27693292	T02G T03 T04	5/12/22 5/12/22 5/12/22			
12 13 14	T27693293 T27693294 T27693295	T05 T06 T07	5/12/22 5/12/22 5/12/22			
15 16 17	T27693296 T27693297 T27693298	T08 T09 T10	5/12/22 5/12/22 5/12/22			
18 19	T27693299 T27693300 T27693301	T11 T12 T13	5/12/22 5/12/22			
20 21 22	T27693301 T27693302 T27693303	T14 T15	5/12/22 5/12/22 5/12/22			



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.



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

May 12,2022

Job Truss Truss Type Qty Ply GIEBEIG - LOT 7 CW T27693282 Jack-Open 3163303 **CJ01** 6 Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:25 2022 Page 1 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-Wc8BTUwJ8fo0wvHLo92e1iJEiaU3_1arwi3v1ZzHY7K -1-6-0 1-6-0 Scale = 1:8.2 6.00 12 LOADING (psf) SPACING-2-0-0 CSI. DEFL Ld **PLATES** GRIP (loc) I/defl TCLL 20.0 Plate Grip DOL 1.25 TC 0.14 Vert(LL) 0.00 >999 240 MT20 244/190 TCDL 7.0 Lumber DOL 1.25 BC 0.03 Vert(CT) 0.00 >999 180 BCLL 0.0 Rep Stress Incr YES WB 0.00 Horz(CT) 0.00 2 n/a n/a BCDL 10.0 Code FBC2020/TPI2014 Matrix-MP Weight: 6 lb FT = 20% LUMBER-**BRACING-**

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

TOP CHORD **BOT CHORD**

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

REACTIONS.

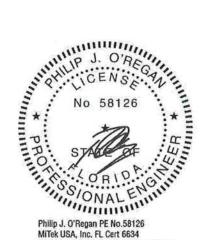
(size) 3=Mechanical, 2=0-3-8, 4=Mechanical Max Horz 2=39(LC 12)

Max Uplift 3=-6(LC 1), 2=-67(LC 12), 4=-19(LC 1) Max Grav 3=7(LC 16), 2=179(LC 1), 4=18(LC 16)

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

NOTES-

- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone, porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 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) 3, 2, 4.



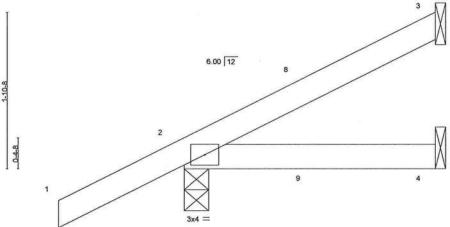
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May 12,2022

MARNING - 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 designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer. Bracking 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 ucliapse with possible personal injury and properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of frusses and truss systems, see ANSI/TH1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



GIEBEIG - LOT 7 CW Job Truss Truss Type Qty Ply T27693283 6 3163303 CJ03 Jack-Open Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:26 2022 Page 1 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-_oiZgqxxvzwtY3sYLtZtZwsPS_pAjUq?8MpTZ?zHY7J -1-6-0 1-6-0 Scale = 1:13.3



3-0-0 LOADING (psf) SPACING-2-0-0 CSI DEFL in I/defl L/d PLATES GRIP TCLL 20.0 Plate Grip DOL 1.25 TC 0.14 Vert(LL) 0.01 4-7 >999 240 MT20 244/190 TCDL 7.0 Lumber DOL 1.25 BC 0.10 Vert(CT) -0.01 >999 180 BCLL 0.0 Rep Stress Incr YES WB 0.00 Horz(CT) -0.00 3 n/a n/a BCDL 10.0 Code FBC2020/TPI2014 Matrix-MP Weight: 12 lb FT = 20%

LUMBER-

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

TOP CHORD BOT CHORD

3-0-0

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

REACTIONS.

(size) 3=Mechanical, 2=0-3-8, 4=Mechanical

Max Horz 2=73(LC 12)

Max Uplift 3=-35(LC 12), 2=-58(LC 12), 4=-16(LC 9) Max Grav 3=60(LC 1), 2=210(LC 1), 4=50(LC 3)

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

NOTES-

- Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 2-11-4 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific
 to the use of this truss component.
- 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) 3, 2, 4.



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

May 12,2022



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Qty GIEBEIG - LOT 7 CW Job Truss Truss Type Ply T27693284 CJ05 3163303 Jack-Open Job Reference (optional) 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:27 2022 Page 1 Builders FirstSource (Lake City,FL), Lake City, FL - 32055, ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-S_GxuAxZgH2jACRkva5667PYzO7FSx48N0Y05RzHY7I 1-6-0 Scale = 1:18.2 6.00 12 0-4-8 GRIP DEFI PLATES LOADING (psf) SPACING-2-0-0 CSI (loc) **V**defi 1./d 244/190 TCLL 20.0 Plate Grip DOL 1.25 TC 0.28 Vert(LL) 0.03 4-7 >999 240 MT20 BC 180 TCDL 7.0 Lumber DOL 1.25 0.24 Vert(CT) -0.05 >999 BCLL 0.0 Rep Stress Incr YES WR 0.00 Horz(CT) 0.00 3 n/a n/a **BCDI** 10.0 Code FBC2020/TPI2014 Matrix-MP Weight: 18 lb FT = 20%

LUMBER-

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

TOP CHORD BOT CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.

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

REACTIONS.

(size) 3=Mechanical, 2=0-3-8, 4=Mechanical

Max Horz 2=107(LC 12)

Max Uplift 3=-67(LC 12), 2=-65(LC 12)

Max Grav 3=113(LC 1), 2=276(LC 1), 4=88(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-11-4 zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific
 to the use of this truss component.
- 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) 3, 2.



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

May 12,2022

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 properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

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



GIEBEIG - LOT 7 CW Job Truss Truss Type Qty Ply T27693285 3163303 EJ01 21 Jack-Partial Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:27 2022 Page 1 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-S_GxuAxZgH2jACRkva5667PSPO0BSx48N0Y05RzHY7I Scale = 1:23.2 6.00 12 0-4-B 11 12 3x4 = 7-0-0 Plate Offsets (X,Y)-[2:0-1-13,0-1-8] SPACING-LOADING (psf) 2-0-0 CSI DEFL. I/defl L/d **PLATES** GRIP Plate Grip DOL TCLL 20.0 1.25 TC 0.70 Vert(LL) 0.30 4-7 >274 240 MT20 244/190 TCDL 7.0 Lumber DOL 1.25 BC 0.69 Vert(CT) 0.26 4-7 >323 180 BCLL 0.0 Rep Stress Incr YES WB 0.00 Horz(CT) -0.01 3 n/a n/a Code FBC2020/TPI2014 FT = 20% BCDL 10.0 Matrix-MS Weight: 25 lb BRACING-LUMBER-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.

TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2

(size) 3=Mechanical, 2=0-3-8, 4=Mechanical

Max Horz 2=137(LC 12)

Max Uplift 3=-86(LC 12), 2=-76(LC 12), 4=-40(LC 9) Max Grav 3=164(LC 1), 2=346(LC 1), 4=126(LC 3)

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

NOTES-

REACTIONS.

- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-11-4 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 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) 3, 2, 4.

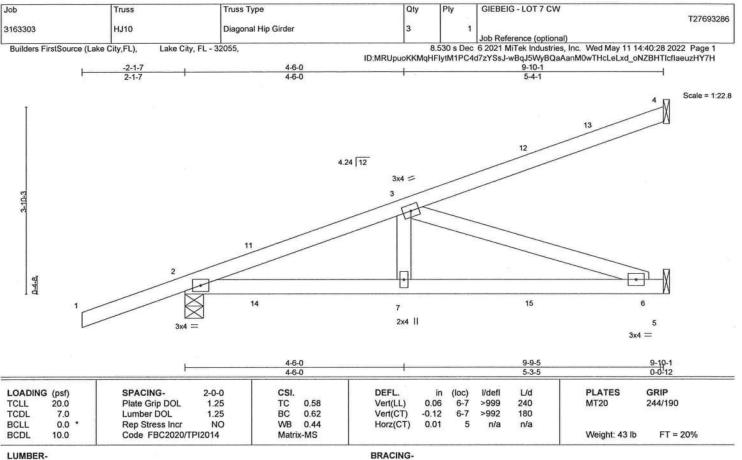


Philip J. O'Regan PE No.58126 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610 Date:

May 12,2022

MARNING - 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 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/for chord members only. Additional temporary and permanent bracing is always required for stability and to prevent buckling of individual truss web and/for chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/THI Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





TOP CHORD 2x4 SP No.2 2x4 SP No.2 **BOT CHORD** WEBS 2x4 SP No.3

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or 6-0-0 oc purlins.

Rigid ceiling directly applied or 9-2-14 oc bracing.

REACTIONS.

(size) 4=Mechanical, 2=0-4-9, 5=Mechanical

Max Horz 2=149(LC 4)

Max Uplift 4=-77(LC 4), 2=-298(LC 4), 5=-142(LC 4) Max Grav 4=149(LC 1), 2=527(LC 1), 5=299(LC 1)

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

TOP CHORD 2-3=-799/340

BOT CHORD 2-7=-395/729, 6-7=-395/729

WEBS

3-7=-60/281, 3-6=-768/416

NOTES-

- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 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) 4 except (jt=lb) 2=298. 5=142.
- 7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 59 lb down and 73 lb up at 1-6-1, 59 lb down and 73 lb up at 1-6-1, 22 lb down and 38 lb up at 4-4-0, 22 lb down and 38 lb up at 4-4-0, and 43 lb down and 78 lb up at 7-1-15, and 43 lb down and 78 lb up at 7-1-15 on top chord, and 41 lb down and 43 lb up at 1-6-1, 41 lb down and 43 lb up at 1-6-1, 19 lb down and 24 lb up at 4-4-0, 19 lb down and 24 lb up at 4-4-0, and 64 lb down at 7-1-15, and 64 lb down at 7-1-15 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).

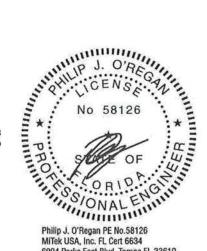
LOAD CASE(S) Standard

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

Vert: 1-4=-54, 5-8=-20

Concentrated Loads (lb)

Vert: 7=-6(F=-3, B=-3) 12=-73(F=-36, B=-36) 15=-59(F=-29, B=-29)



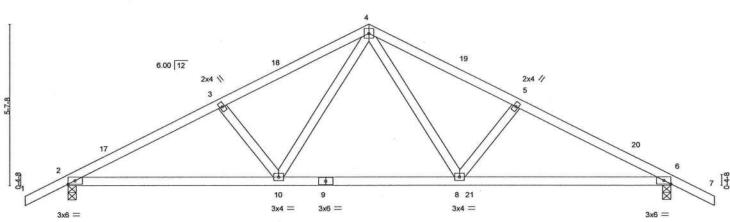
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May 12,2022

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T27693287	GIEBEIG - LOT 7 CW	Ply	Qty	ss Type	Truss Truss	Truss	ob
12/05526/	ob Reference (optional)	1	6	nmon	T01 Comm	T01	163303
	2021 MiTek Industries, Inc. Wed May 11 14: d7zYSsJ-tZy4WC_SyCQI1gAJaiepjm12eb1n				City,FL), Lake City, FL - 32055,	e (Lake City,FL),	Builders FirstSource
, 22-6-0 ,	21-0-0	15-7-5	1	10-6-0	5-4-11	5-4-11	, -1-6-0
1-6-0	5-4-11	5-1-5		5-1-5	5-4-11	5-4-11	1-6-0
Scale = 1:38.							
			4x4 =				



		7-4-2				6-3-11					7-4-2	-
Plate Off	sets (X,Y)	[6:0-2-15,Edge]										
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	0.32	Vert(LL)	-0.11	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.21	8-10	>999	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.23	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2020/T	PI2014	Matri	x-MS	50.000000000000000000000000000000000000					Weight: 99 lb	FT = 20%

13-7-14

LUMBER-

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3 BRACING-

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or 4-6-0 oc purlins.

21-0-0

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

REACTIONS.

(size) 2=0-3-8, 6=0-3-8 Max Horz 2=-89(LC 13)

Max Uplift 2=-229(LC 12), 6=-230(LC 13)

Max Grav 2=989(LC 1), 6=994(LC 1)

FORCES. (ib) - Max. Comp./Max. Ten. - All forces 250 (ib) or less except when shown. TOP CHORD 2-3=-1636/452, 3-4=-1471/443, 4-5=-1481/446, 5-6=-1646/455

7-4-2

BOT CHORD

2-10=-331/1417, 8-10=-156/964, 6-8=-334/1426 4-8=-164/600, 5-8=-277/171, 4-10=-159/583, 3-10=-277/171 WEBS

NOTES-

- Unbalanced roof live loads have been considered for this design.
 Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 10-6-0, Exterior(2R) 10-6-0 to 13-6-0, Interior(1) 13-6-0 to 22-6-0 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) 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=229, 6=230.
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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

Vert: 1-4=-54, 4-7=-54, 10-11=-20, 10-21=-60(F=-40), 14-21=-20



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

May 12,2022

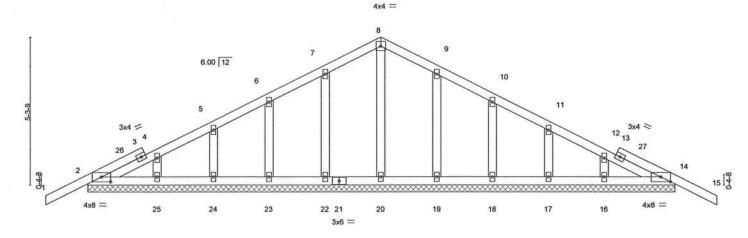
MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITE& connectors. This design is based only upon parameters and only in individual building component, not a truss system. Before use, the building 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 properly 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	GIEBEIG - LOT 7 CW	
						T27693288
3163303	T01G	Common Supported Gable	1	1		
					Job Reference (optional)	
Builders FirstSource	(Lake City,FL), Lake	City, FL - 32055,	8.	530 s Dec	6 2021 MiTek Industries, Inc. Wed May 11	14:40:31 2022 Page 1
		entralities (1941) de la constante (1941) de	ID:MRUpuoKKMqHFI	ytM1PC4d	7zYSsJ-LmVSkY_4jVY9eqlV8Q92GzZGK?>	(EOkJkIdWEFCzHY7E
, -1-6-0	1	10-6-0			21-0-0	, 22-6-0
1.6.0		10.6.0			10-6-0	1.6.0

Scale = 1:39.7



4											
sets (X,Y)	[2:0-4-0,0-2-1], [14:0-4-0,	0-2-1]									
G (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	-0.01	15	n/r	120	MT20	244/190
7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.01	15	n/r	120		
0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	14	n/a	n/a		
10.0	Code FBC2020/T	PI2014	Matri	x-S	W 325					Weight: 110 lb	FT = 20%
	G (psf) 20.0 7.0 0.0	G (psf) SPACING- 20.0 Plate Grip DOL 7.0 Lumber DOL 0.0 Rep Stress Incr	G (psf) SPACING- 2-0-0 20.0 Plate Grip DOL 1.25 7.0 Lumber DOL 1.25 0.0 Rep Stress Incr YES	G (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 7.0 Lumber DOL 1.25 BC 0.0 Rep Stress Incr YES WB	G (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 0.13 7.0 Lumber DOL 1.25 BC 0.04 0.0 Rep Stress Incr YES WB 0.05	Sets (X,Y)- [2:0-4-0,0-2-1], [14:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. 20.0 Plate Grip DOL 1.25 TC 0.13 Vert(LL) 7.0 Lumber DOL 1.25 BC 0.04 Vert(CT) 0.0 Rep Stress Incr YES WB 0.05 Horz(CT)	Sets (X,Y)- [2:0-4-0,0-2-1], [14:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in 20.0 Plate Grip DOL 1.25 TC 0.13 Vert(LL) -0.01 7.0 Lumber DOL 1.25 BC 0.04 Vert(CT) -0.01 0.0 * Rep Stress Incr YES WB 0.05 Horz(CT) 0.00	Sets (X,Y)- [2:0-4-0,0-2-1], [14:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) 20.0 Plate Grip DOL 1.25 TC 0.13 Vert(LL) -0.01 15 7.0 Lumber DOL 1.25 BC 0.04 Vert(CT) -0.01 15 0.0 Rep Stress Incr YES WB 0.05 Horz(CT) 0.00 14	Sets (X,Y)- [2:0-4-0,0-2-1], [14:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl 20.0 Plate Grip DOL 1.25 TC 0.13 Vert(LL) -0.01 15 n/r 7.0 Lumber DOL 1.25 BC 0.04 Vert(CT) -0.01 15 n/r 0.0 * Rep Stress Incr YES WB 0.05 Horz(CT) 0.00 14 n/a	Sets (X,Y)- [2:0-4-0,0-2-1], [14:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl L/d 20.0 Plate Grip DOL 1.25 TC 0.13 Vert(LL) -0.01 15 n/r 120 7.0 Lumber DOL 1.25 BC 0.04 Vert(CT) -0.01 15 n/r 120 0.0 Rep Stress Incr YES WB 0.05 Horz(CT) 0.00 14 n/a n/a	Sets (X,Y) [2:0-4-0,0-2-1], [14:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl L/d PLATES 20.0 Plate Grip DOL 1.25 TC 0.13 Vert(LL) -0.01 15 n/r 120 MT20 7.0 Lumber DOL 1.25 BC 0.04 Vert(CT) -0.01 15 n/r 120 0.0 * Rep Stress Incr YES WB 0.05 Horz(CT) 0.00 14 n/a n/a

21-0-0

LUMBER-

TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 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 21-0-0.

(lb) - Max Horz 2=84(LC 16)

Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 22, 23, 24, 25, 19, 18, 17, 16

Max Grav All reactions 250 lb or less at joint(s) 2, 14, 20, 22, 23, 24, 25, 19, 18, 17, 16

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

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Enct., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3E) -1-6-0 to 1-6-0, Exterior(2N) 1-6-0 to 10-6-0, Corner(3R) 10-6-0 to 13-6-0, Exterior(2N) 13-6-0 to 22-6-0 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) All plates are 2x4 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 22, 23, 24, 25, 19, 18, 17, 16.

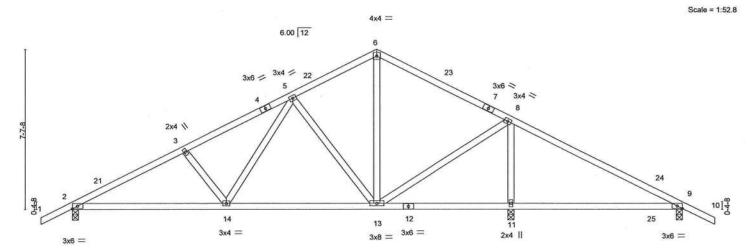


Philip J. O'Regan PE No.58126 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610 Date:

May 12,2022



Qty Ply GIEBEIG - LOT 7 CW Job Truss Truss Type T27693289 T02 2 3163303 Common Job Reference (optional) 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:32 2022 Page 1 Builders FirstSource (Lake City,FL), Lake City. FL - 32055. ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-py3qxu?iUpg0G_Kii7gHpB6GKPhc64dtXHGnnfzHY7D 14-6-0 4-0-0



1	7-4-2		14-6	-0	1	20-10-	4	- 1		29-0-0	1
	7-4-2		7-1-1	14	1.0	6-4-4				8-1-12	1
sets (X,Y)-	[9:0-2-15,Edge]										
G (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	Vdefl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	0.28	11-20	>355	240	MT20	244/190
7.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	0.23 1	11-20	>434	180		
0.0 *	Rep Stress Incr	NO	WB	0.49	Horz(CT)	0.02	11	n/a	n/a		
10.0	Code FBC2020/T	PI2014	Matrix	-MS						Weight: 147 lb	FT = 20%
	G (psf) 20.0 7.0 0.0	7-4-2 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 20.0 Plate Grip DOL 7.0 Lumber DOL 0.0 Rep Stress Incr	7-4-2 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 20.0 Plate Grip DOL 1.25 7.0 Lumber DOL 1.25 0.0 Rep Stress Incr NO	7-4-2 7-1- sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 7.0 Lumber DOL 1.25 BC 0.0 Rep Stress Incr NO WB	7-4-2 7-1-14 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 0.82 7.0 Lumber DOL 1.25 BC 0.80 0.0 Rep Stress Incr NO WB 0.49	7-4-2 7-1-14 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. DEFL. 20.0 Plate Grip DOL 1.25 TC 0.82 Vert(LL) 7.0 Lumber DOL 1.25 BC 0.80 Vert(CT) 0.0 Rep Stress Incr NO WB 0.49 Horz(CT)	7-4-2 7-1-14 6-4-4 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. DEFL. in 20.0 Plate Grip DOL 1.25 TC 0.82 Vert(LL) 0.28 1 7.0 Lumber DOL 1.25 BC 0.80 Vert(CT) 0.23 1 0.0 Rep Stress Incr NO WB 0.49 Horz(CT) 0.02	7-4-2 7-1-14 6-4-4 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) 20.0 Plate Grip DOL 1.25 TC 0.82 Vert(LL) 0.28 11-20 7.0 Lumber DOL 1.25 BC 0.80 Vert(CT) 0.23 11-20 0.0 Rep Stress Incr NO WB 0.49 Horz(CT) 0.02 11	7-4-2 7-1-14 6-4-4 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) I/defl 20.0 Plate Grip DOL 1.25 TC 0.82 Vert(LL) 0.28 11-20 >355 7.0 Lumber DOL 1.25 BC 0.80 Vert(CT) 0.23 11-20 >434 0.0 Rep Stress Incr NO WB 0.49 Horz(CT) 0.02 11 n/a	7-4-2 7-1-14 6-4-4 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl L/d 20.0 Plate Grip DOL 1.25 TC 0.82 Vert(LL) 0.28 11-20 >355 240 7.0 Lumber DOL 1.25 BC 0.80 Vert(CT) 0.23 11-20 >434 180 0.0 Rep Stress Incr NO WB 0.49 Horz(CT) 0.02 11 n/a n/a	7-4-2 7-1-14 6-4-4 8-1-12 sets (X,Y)- [9:0-2-15,Edge] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl L/d PLATES 20.0 Plate Grip DOL 1.25 TC 0.82 Vert(LL) 0.28 11-20 >355 240 MT20 7.0 Lumber DOL 1.25 BC 0.80 Vert(CT) 0.23 11-20 >434 180 0.0 Rep Stress Incr NO WB 0.49 Horz(CT) 0.02 11 n/a n/a

LUMBER-

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 2x4 SP No.3 WEBS

BRACING-

TOP CHORD **BOT CHORD** Structural wood sheathing directly applied or 4-8-2 oc purlins.

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

REACTIONS.

(size) 2=0-3-8, 11=0-3-8, 9=0-3-8

Max Horz 2=-119(LC 13)

Max Uplift 2=-232(LC 12), 11=-252(LC 12), 9=-116(LC 8) Max Grav 2=941(LC 1), 11=1395(LC 1), 9=317(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. 2-3=-1540/595, 3-5=-1377/596, 5-6=-637/345, 6-8=-679/349, 8-9=-68/285

TOP CHORD

2-14=-450/1328, 13-14=-258/864 **BOT CHORD**

3-14=-255/161, 5-14=-257/608, 5-13=-580/278, 6-13=-213/336, 8-13=-178/798, WEBS

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 14-6-0, Exterior(2R) 14-6-0 to 17-6-0, Interior(1) 17-6-0 to 30-6-0 zone; porch right exposed; 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) 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=232, 11=252, 9=116,
- 7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

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

Vert: 1-6=-54, 6-10=-54, 14-15=-20, 13-14=-60(F=-40), 13-18=-20



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

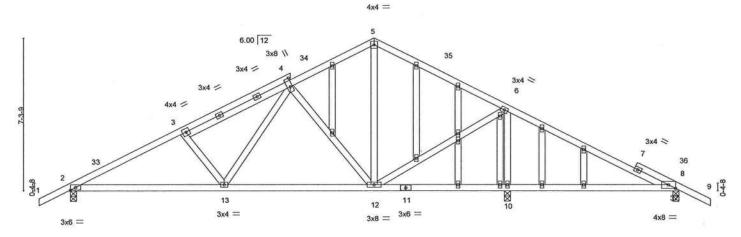
May 12,2022

MARNING - 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 and expense on 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/TPH Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20501



GIEBEIG - LOT 7 CW Job Truss Truss Type Qty Ply T27693290 3163303 T02G GABLE 1 Job Reference (optional) 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:34 2022 Page 1 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-H8dC8E0KF7otu7uuGrBWLOfT9p5ArZf1lx?KJ4zHY7C Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 20-10-4 29-0-0 4-0-0 1-6-0

Scale = 1:53.0



1	7-4-2		1	14-6-0		20	9-8-8	20	0-10-4	29-0-0	
	7-4-2		7	7-1-14		6	-2-8	0	-1-12	8-1-12	
sets (X,Y)	[4:0-5-0,0-1-4], [8:0-4-0,0)-2-1]	,								
G (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	0.20	10-29	>471	240	MT20	244/190
7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.18	10-29	>540	180		
0.0 *	Rep Stress Incr Code FBC2020/T	YES PI2014	WB Matrix	0.38 c-MS	Horz(CT)	0.01	10	n/a	n/a	Weight: 186 lb	FT = 20%
	G (psf) 20.0 7.0	7-4-2 sets (X,Y)- [4:0-5-0,0-1-4], [8:0-4-0,0 G (psf) SPACING- 20.0 Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr	7-4-2 sets (X,Y)- [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 20.0 Plate Grip DOL 1.25 7.0 Lumber DOL 1.25 Rep Stress Incr YES	7-4-2 sets (X,Y) [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 7.0 Lumber DOL 1.25 BC 0.0 Rep Stress Incr YES WB	7-4-2 7-1-14 sets (X,Y) [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 0.68 7.0 Lumber DOL 1.25 BC 0.52 0.0 Rep Stress Incr YES WB 0.38	7-4-2 7-1-14 sets (X,Y) [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. 20.0 Plate Grip DOL 1.25 TC 0.68 Vert(LL) 7.0 Lumber DOL 1.25 BC 0.52 Vert(CT) 0.0 Rep Stress Incr YES WB 0.38 Horz(CT)	7-4-2 7-1-14 6 sets (X,Y) [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in 20.0 Plate Grip DOL 1.25 TC 0.68 Vert(LL) 0.20 7.0 Lumber DOL 1.25 BC 0.52 Vert(CT) -0.18 0.0 Rep Stress Incr YES WB 0.38 Horz(CT) 0.01	7-4-2 7-1-14 6-2-8 sets (X,Y) [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) 20.0 Plate Grip DOL 1.25 TC 0.68 Vert(LL) 0.20 10-29 7.0 Lumber DOL 1.25 BC 0.52 Vert(CT) -0.18 10-29 0.0 Rep Stress Incr YES WB 0.38 Horz(CT) 0.01 10	7-4-2 7-1-14 6-2-8 0 sets (X,Y)- [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) I/defl 20.0 Plate Grip DOL 1.25 TC 0.68 Vert(LL) 0.20 10-29 >471 7.0 Lumber DOL 1.25 BC 0.52 Vert(CT) -0.18 10-29 >540 0.0 Rep Stress Incr YES WB 0.38 Horz(CT) 0.01 10 n/a	7-4-2 7-1-14 6-2-8 0-1-12 sets (X,Y) [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl L/d 20.0 Plate Grip DOL 1.25 TC 0.68 Vert(LL) 0.20 10-29 >471 240 7.0 Lumber DOL 1.25 BC 0.52 Vert(CT) -0.18 10-29 >540 180 0.0 * Rep Stress Incr YES WB 0.38 Horz(CT) 0.01 10 n/a n/a	7-4-2 7-1-14 6-2-8 0-1-12 8-1-12 sets (X,Y)- [4:0-5-0,0-1-4], [8:0-4-0,0-2-1] G (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl L/d PLATES 20.0 Plate Grip DOL 1.25 TC 0.68 Vert(LL) 0.20 10-29 >47.1 240 MT20 7.0 Lumber DOL 1.25 BC 0.52 Vert(CT) -0.18 10-29 >540 180 0.0 Rep Stress Incr YES WB 0.38 Horz(CT) 0.01 10 n/a n/a

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

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

2x4 SP No.3 WEBS

2x4 SP No.3 **OTHERS**

REACTIONS. (size) 8=0-3-8, 2=0-3-8, 10=0-3-8

Max Horz 2=-114(LC 17)

Max Uplift 8=-56(LC 13), 2=-194(LC 12), 10=-279(LC 13) Max Grav 8=195(LC 24), 2=762(LC 1), 10=1391(LC 1)

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

2-3=-1115/269, 3-4=-961/257, 4-5=-386/141, 5-6=-437/149, 6-8=-299/542 TOP CHORD

2-13=-278/965, 12-13=-130/592, 10-12=-395/317, 8-10=-395/317 **BOT CHORD**

3-13=-252/158, 4-13=-101/435, 4-12=-474/204, 6-12=-188/819, 6-10=-1207/431 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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 14-6-0, Exterior(2R) 14-6-0 to 17-6-0, Interior(1) 17-6-0 to 30-6-0 zone; porch 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) 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) All plates are 2x4 MT20 unless otherwise indicated
- 6) Gable studs spaced at 2-0-0 oc.
- 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8 except (jt=lb) 2=194, 10=279.



Structural wood sheathing directly applied or 5-5-2 oc purlins.

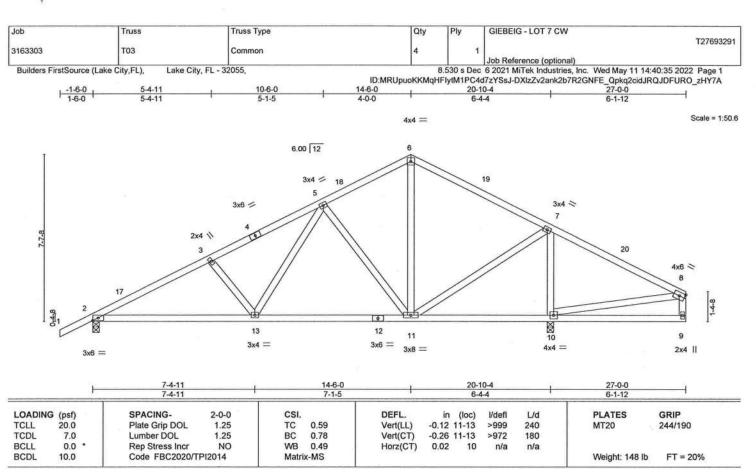
Rigid ceiling directly applied or 6-0-0 oc bracing.

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

May 12,2022

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





LUMBER-

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

WERS 2x4 SP No 3 BRACING-

TOP CHORD

Structural wood sheathing directly applied or 4-8-11 oc purlins,

except end verticals.

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

REACTIONS.

(size) 2=0-3-8, 10=0-3-8

Max Horz 2=151(LC 12)

Max Uplift 2=-240(LC 12), 10=-293(LC 13) Max Grav 2=927(LC 1), 10=1426(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. 2-3=-1507/378, 3-5=-1341/366, 5-6=-611/240, 6-7=-648/224, 7-8=-69/369

TOP CHORD

2-13=-410/1300, 11-13=-236/839, 10-11=-254/96 **BOT CHORD**

3-13=-258/161, 5-13=-150/600, 5-11=-575/237, 6-11=-111/359, 7-11=-161/900, WEBS

7-10=-1256/353, 8-10=-340/127

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 14-6-0, Exterior(2R) 14-6-0 to 17-6-0, Interior(1) 17-6-0 to 26-10-4 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.

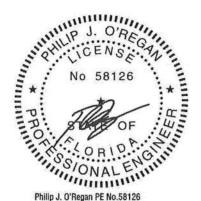
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads,

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

LOAD CASE(S) Standard

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

Vert: 1-6=-54, 6-8=-54, 13-14=-20, 11-13=-60(F=-40), 9-11=-20



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May 12,2022

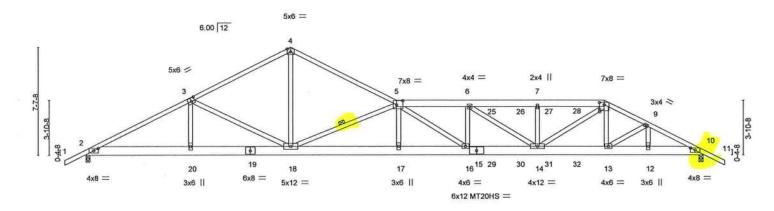
🛦 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building 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 buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent buckling of individual truss was and for the property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TH1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



			,

Truss Type Qty GIEBEIG - LOT 7 CW Ply Job Truss T27693292 3163303 T04 Roof Special Girder Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:36 2022 Page 1 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-hjJLnF2DY2BSlbdTxzlDz1G_G09R2oNTRvE?wQzHY79 27-0-7 5-0-7 36-8-0 7-4-13 7-1-3 7-6-0 4-10-11 4-8-15 3-10-15

Scale = 1:78.5



	-	7-4-13 7-4-13	14-6-0 7-1-3		22-0-0 7-6-0	1 27-	0-7	-	31-11-2 4-10-11	36-8-0 4-8-15		43-8-0 3-10-15
Plate Offse	ets (X,Y)-			,0-3-8], [8:0-4-0	The state of the s	A STREET, SHARP SHAPE AND ADDRESS OF THE PARTY OF THE PAR	J-1		4-10-11	4-0-10	3-1-1	3-10-13
LOADING	(psf)	SPACING-	2-0-0	CSI.	P2AC141	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC 0.	69	Vert(LL)	-0.43 1	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC 0.	36	Vert(CT)	-0.81 1	16-17	>641	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB 0.		Horz(CT)	0.12	10	n/a	n/a		
BCDL	10.0	Code FBC2020/T	PI2014	Matrix-M	S						Weight: 308 lb	FT = 20%

BRACING-

WEBS

TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x4 SP M 31 *Except*

5-8: 2x6 SP No.2, 8-11,1-3: 2x4 SP No.2

BOT CHORD 2x8 SP 2400F 2.0E

WEBS 2x4 SP No.3 *Except*

5-18: 2x4 SP M 31

REACTIONS. (size) 2=0-3-8, 10=0-3-8

Max Horz 2=119(LC 8)

Max Uplift 2=-501(LC 8), 10=-987(LC 9) Max Grav 2=1966(LC 1), 10=2635(LC 1)

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

2-3=-3692/925, 3-4=-3145/935, 4-5=-3145/905, 5-6=-7062/2471, 6-7=-6375/2400, TOP CHORD

7-8=-6380/2402, 8-9=-5217/2031, 9-10=-5079/1925

BOT CHORD 2-20=-837/3239, 18-20=-837/3238, 17-18=-2050/6785, 16-17=-2048/6787,

14-16=-2329/7060, 13-14=-1687/4622, 12-13=-1650/4502, 10-12=-1650/4502 WEBS 3-20=0/271, 3-18=-598/263, 4-18=-672/2340, 5-18=-4450/1605, 5-16=-639/473,

6-16=-175/399, 6-14=-936/337, 7-14=-637/320, 8-14=-705/2159, 8-13=-289/688,

9-12=-274/141

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; 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) Provide adequate drainage to prevent water ponding.
- 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.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=501, 10=987.
- 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 150 lb down and 90 lb up at 28-7-4, 150 lb down and 90 lb up at 30-7-4, 150 lb down and 90 lb up at 32-7-4, and 150 lb down and 90 lb up at 34-7-4, and 279 lb down and 173 lb up at 36-8-0 on top chord, and 86 lb down and 60 lb up at 28-7-4, 86 lb down and 60 lb up at 30-7-4, 86 lb down and 60 lb up at 32-7-4, and 86 lb down and 60 lb up at 34-7-4, and 335 lb down and 236 lb up at 36-7-4 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).



Structural wood sheathing directly applied or 2-4-2 oc purlins.

Rigid ceiling directly applied or 7-9-15 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 Date:

May 12,2022

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Job	Truss	Truss Type	Qty	Ply	GIEBEIG - LOT 7 CW	07000000
3163303	T04	Roof Special Girder	1	1	Job Reference (optional)	27693292

Builders FirstSource (Lake City,FL),

Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:36 2022 Page 2 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-hjJLnF2DY2BSlbdTxzlDz1G_G09R2oNTRvE?wQzHY79

LOAD CASE(S) Standard

Uniform Loads (plf)

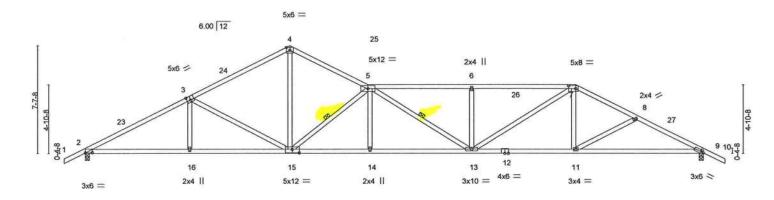
Vert: 1-4=-54, 4-5=-54, 5-8=-54, 8-11=-54, 2-10=-20

Concentrated Loads (lb)
Vert: 8=-182(F) 13=-335(F) 25=-110(F) 26=-110(F) 27=-110(F) 28=-110(F) 29=-64(F) 30=-64(F) 31=-64(F) 32=-64(F)



Job	Truss	Truss Type		Qty	Ply	GIEBEIG - LOT 7	cw		
3163303	T05	Roof Special							T27693293
3103303	103	Nooi Special				Job Reference (opt	ional)		
Builders FirstSource (La	ake City,FL),	Lake City, FL - 32055,		2012/2010 10 10 10 10 10 10 10 10 10 10 10 10	8,530 s Dec	6 2021 MiTek Indus	tries, Inc. Wed May	11 14:40:38 20	022 Page 1
				ID:MRUpuoKKN	qHFlytM1PC4	d7zYSsJ-e6Q5Cx4T-	4fRA_vnr2Onh2SMI	HOghMWjLmvE	Dj5_IzHY77
_C 1-6-0 ₁	7-4-13	14-6-0	20-0-0	27-4-0	1	34-8-0	38-10-8	43-8-0	45-2-Q
1-6-0	7-4-13	7-1-3	5-6-0	7-4-0		7-4-0	4-2-8	4-9-8	1-6-0

Scale = 1:78.5



	1	7-4-13	14-6-0	1	20-0-0	27-4-0	1		34-	8-0	43-8-0	
		7-4-13	7-1-3		5-6-0	7-4-0			7-4	1-0	9-0-0	,
Plate Offs	sets (X,Y)	[2:0-6-0,0-0-3], [3:0-3-0,0)-3-4], [7:0-6-0,0	-2-8], [9:0-1-	15,0-1-8], [1	5:0-6-0,0-3-0]						
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	0.84	Vert(LL)	-0.37	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.97	Vert(CT)	-0.72	13-14	>729	180	1200000000000	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.21	9	n/a	n/a		
BCDL	10.0	Code FBC2020/T	PI2014	Matrix	-MS						Weight: 228 lb	FT = 20%

BRACING-

WEBS

TOP CHORD

BOT CHORD

Structural wood sheathing directly applied.

1 Row at midpt

Rigid ceiling directly applied or 2-2-0 oc bracing.

5-15 5-13

LUMBER-

2x4 SP No.2 *Except* TOP CHORD

5-7: 2x4 SP M 31 **BOT CHORD** 2x4 SP No 2

2x4 SP No.3 WEBS

REACTIONS.

(size) 2=0-3-8, 9=0-3-8 Max Horz 2=-119(LC 13)

Max Uplift 2=-315(LC 12), 9=-424(LC 13)

Max Grav 2=1697(LC 1), 9=1697(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-3104/637, 3-4=-2504/577, 4-5=-2471/589, 5-6=-3674/914, 6-7=-3674/914,

7-8=-2896/712, 8-9=-3145/784

BOT CHORD 2-16=-484/2709, 15-16=-485/2709, 14-15=-706/3835, 13-14=-705/3839, 11-13=-491/2551,

9-11=-625/2769

WEBS 3-16=0/301, 3-15=-650/262, 4-15=-378/1823, 5-15=-2186/587, 5-13=-276/91,

6-13=-453/225, 7-13=-290/1324, 7-11=-22/387, 8-11=-261/153

- 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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 14-6-0, Exterior(2R) 14-6-0 to 18-10-6, Interior(1) 18-10-6 to 34-8-0, Exterior(2R) 34-8-0 to 39-0-7, Interior(1) 39-0-7 to 45-2-0 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) Provide adequate drainage to prevent water ponding.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=315, 9=424.



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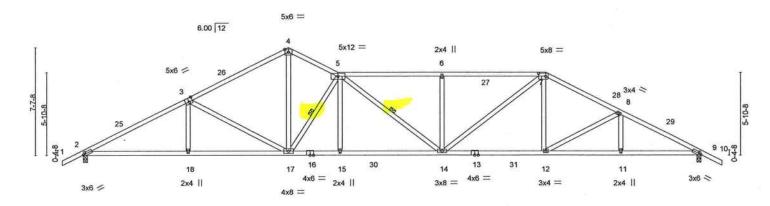
May 12,2022

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GIEBEIG - LOT 7 CW Job Truss Truss Type Qty T27693294 T06 Roof Special 3163303 Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:39 2022 Page 1 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-6I_TPH55rzZ0c3M2c5lwbfuS7E2AF9tv8tSfXlzHY76 [1-6-0 1-6-0 32-8-0 38-0-1 43-8-0 7-4-13

Scale = 1:78.5



	4	7-4-13	14-6-0	18-0-0	25-4-0	32-8-	0 ,	38-0-1	43-8-0	
		7-4-13	7-1-3	3-6-0	7-4-0	7-4-)	5-4-1	5-7-15	
Plate Offse	ets (X,Y)-	[2:0-1-15,0-1-8], [3:0-3-0	,0-3-4], [7:0-6-0	0-2-8], [9:0-1-15,0-1-8	1					
LOADING	(psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc) l	defi L/d	PLATES	GRIP	
TCLL	20.0	Plate Grip DOL	1.25	TC 0.84	Vert(LL)	-0.36 14-15 >	999 240	MT20	244/190	
TCDL	7.0	Lumber DOL	1.25	BC 0.93	Vert(CT)	-0.64 14-15 >	820 180	CATACON -2014		
BCLL	0.0 *	Rep Stress Incr	YES	WB 0.84	Horz(CT)	0.19 9	n/a n/a			
BCDL	10.0	Code FBC2020/T	PI2014	Matrix-MS	SE STANDARDO ALLEN			Weight: 23	9 lb FT = 20%	

BRACING-

TOP CHORD

BOT CHORD

WEBS

Structural wood sheathing directly applied.

1 Row at midpt

Rigid ceiling directly applied or 2-2-0 oc bracing.

5-17, 5-14

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*

5-7: 2x4 SP M 31

BOT CHORD 2x4 SP No.2 *Except*

13-16: 2x4 SP M 31

WEBS 2x4 SP No.3

REACTIONS.

(size) 2=0-3-8, 9=0-3-8

Max Horz 2=119(LC 12)

Max Uplift 2=-315(LC 12), 9=-424(LC 13)

Max Grav 2=1819(LC 2), 9=1830(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-3361/642, 3-4=-2713/575, 4-5=-2660/602, 5-6=-3446/798, 6-7=-3446/798,

7-8=-3009/690, 8-9=-3443/762

2-18=-489/2953, 17-18=-489/2952, 15-17=-519/3373, 14-15=-518/3378, 12-14=-441/2653, BOT CHORD

11-12=-600/3035, 9-11=-600/3035

3-18=0/305, 3-17=-687/262, 4-17=-413/2119, 5-17=-1911/476, 6-14=-458/225,

7-14=-223/996, 7-12=-49/474, 8-12=-460/181

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 14-6-0, Exterior(2E) 14-6-0 to 18-0-0, Interior(1) 18-0-0 to 32-8-0, Exterior(2R) 32-8-0 to 37-0-6, Interior(1) 37-0-6 to 45-2-0 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) Provide adequate drainage to prevent water ponding.

5) 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, with BCDL = 10.0psf.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=315, 9=424.



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

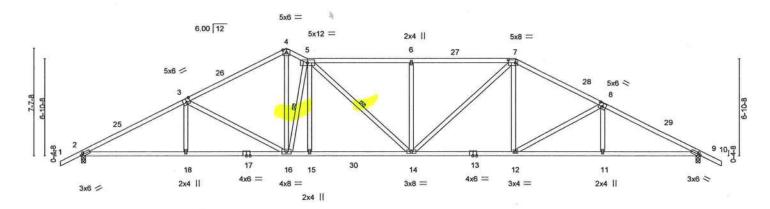
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Job	Truss	Truss	Туре		Qty	Ply	GIEBEIG - LOT 7 CW		
3163303	T07	Roof S	Special		1	1			T27693295
3103303	107	TOO! O	урсски				Job Reference (optional)		
Builders FirstSource	(Lake City,FL),	Lake City, FL - 32055,		Addition of the second			6 2021 MiTek Industries, Inc. W		
				ID:MRU	JpuoKKMqHF	ytM1PC4d7	7zYSsJ-2h6Eqz6LNapkrMWQkWl	LOg4_oJ1kWj3YCbE	xmbdzHY74
r1-6-0 _i	7-4-13	14-6-0	16-0-Q	23-4-0	-	30-8-0	36-9-14	43-8-0	45-2-Q
1-6-0	7-4-13	7-1-3	1-6-0	7-4-0	1	7-4-0	6-1-14	6-10-2	1-6-0

Scale = 1:78.5



	1	7-4-13	14-6-0	16-0-9	23-4-0	30-8-0	1	36-9-14	43-8-	0
		7-4-13	7-1-3	1-6-0	7-4-0	7-4-0	,	6-1-14	6-10-	2
Plate Offse	ets (X,Y)-	[2:0-1-15,0-1-8], [3:0-3-0	,0-3-4], [7:0-6-0	0-2-8], [8:0-3-0),0-3-0], [9:0-1-15,0-1-8]					
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.	.86 Vert(LL)	-0.37 14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC 0.	.94 Vert(CT)	-0.65 14-15	>806	180		
BCLL	0.0	Rep Stress Incr	YES	WB 0.	.83 Horz(CT	0.20 9	n/a	n/a		
BCDL	10.0	Code FBC2020/T	PI2014	Matrix-M	ns				Weight: 248 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 2x4 SP No.3 WEBS

BRACING-TOP CHORD

BOT CHORD WEBS

Structural wood sheathing directly applied. Rigid ceiling directly applied or 2-2-0 oc bracing.

1 Row at midpt 5-16. 5-14

REACTIONS.

(size) 2=0-3-8, 9=0-3-8 Max Horz 2=119(LC 16)

Max Uplift 2=-315(LC 12), 9=-424(LC 13) Max Grav 2=1832(LC 2), 9=1837(LC 2)

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

TOP CHORD 2-3=-3386/646, 3-4=-2747/580, 4-5=-2652/608, 5-6=-3012/711, 6-7=-3012/711,

7-8=-2868/663, 8-9=-3416/753

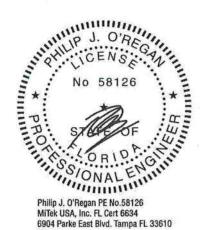
BOT CHORD 2-18=-492/2975, 16-18=-493/2974, 15-16=-395/2771, 14-15=-394/2775, 12-14=-385/2516, 11-12=-581/3007, 9-11=-581/3005

WEBS 3-18=0/301, 3-16=-678/260, 4-16=-446/2143, 5-16=-1721/438, 5-14=-152/439,

6-14=-456/223, 7-14=-191/666, 7-12=-67/552, 8-12=-584/224, 8-11=0/258

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 14-6-0, Exterior(2E) 14-6-0 to 16-0-0, Interior(1) 16-0-0 to 30-8-0, Exterior(2R) 30-8-0 to 35-0-6, Interior(1) 35-0-6 to 45-2-0 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) Provide adequate drainage to prevent water ponding.
- 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 100 lb uplift at joint(s) except (jt=lb) 2=315, 9=424.



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

May 12,2022

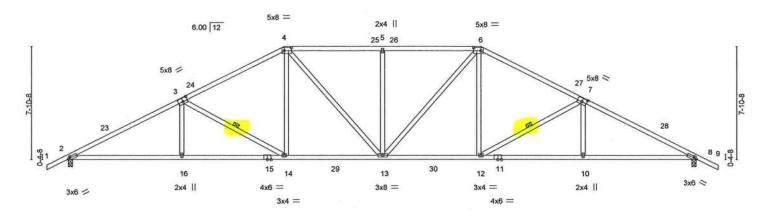
MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITEK® connectors. This design is based only upon parameters and nor for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer must verify the applicability of design parameters and very leave the service of an individual building component to a trust of the overall building designer must verify the applicability of design parameters and properly design designer and its design into the overall building component to a trust of the overall building designer must verify the applicability and properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of truss systems, see ANSI/TH1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20501



.

Job		Truss		Truss Typ	pe			Qty	Ply	GIEBEIG - LOT 7 CW		
		10000000		105.0				122	20	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		T27693296
316330	03	T08		Hip				1	1	11.0 × 10.0 × 10.0 × 10.0 × 10.0		
235000000000000000000000000000000000000		12.55		153.02						Job Reference (optional)		
Builde	ers FirstSource (Lake (City,FL).	Lake City, FL - 33	2055.				8.5	530 s Dec	6 2021 MiTek Industries, I	nc. Wed May 11 14:40:42 20	22 Page 1
	ž:	500 50	67	7.			ID:MRUp	uoKKMaH	FIvtM1PC4	4d7zYSsJ-Wtac1I7z7uxbT	W4dHEsdDIW zR2uScULart	J74zHY73
	_C 1-6-0 ₁ 7-	10-12	1 15	6-0-0	4	21-10-0		28-8-0		35-9-4	43-8-0	45-2-0
	1-6-0 7-	10-12	7.	-1-4	(40)	6-10-0	95	6-10-0	10.	7-1-4	7-10-12	1-6-0

Scale = 1:77.3



	1	7-10-12	15-0-0	21-10-0	28-8-0	35-9-4	43-8-0
	,	7-10-12	7-1-4	6-10-0	6-10-0	7-1-4	7-10-12
Plate Offse	ets (X,Y)-	[2:0-1-15,0-1-8], [3:0-4-0	,0-3-0], [4:0-6-0	0-2-8], [6:0-6-0,0-2-8], [7:0-4-0	,0-3-0], [8:0-1-15,0-1-8]		
LOADING	(psf)	SPACING-	2-0-0	CSI.	DEFL. in (loc)	I/defi L/d	PLATES GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC 0.80	Vert(LL) -0.29 13-14	>999 240	MT20 244/190
TCDL	7.0	Lumber DOL	1.25	BC 1.00	Vert(CT) -0.50 13-14	>999 180	
BCLL	0.0 *	Rep Stress Incr	YES	WB 0.47	Horz(CT) 0.19 8	n/a n/a	
BCDL	10.0	Code FBC2020/T	PI2014	Matrix-MS			Weight: 237 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 2x4 SP No.2

BOT CHORD 2x4 SP No.3 WEBS

BRACING-TOP CHORD

BOT CHORD WEBS

Structural wood sheathing directly applied. Rigid ceiling directly applied or 2-2-0 oc bracing.

1 Row at midpt

3-14, 7-12

REACTIONS.

(size) 2=0-3-8, 8=0-3-8

Max Horz 2=123(LC 12) Max Uplift 2=-378(LC 12), 8=-378(LC 13) Max Grav 2=1840(LC 2), 8=1840(LC 2)

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

TOP CHORD

2-3=-3375/641, 3-4=-2713/548, 4-5=-2632/578, 5-6=-2632/578, 6-7=-2713/548, 7-8=-3375/641

2-16=-594/2962, 14-16=-594/2961, 13-14=-362/2366, 12-13=-295/2366, 10-12=-471/2961,

8-10=-471/2962 WEBS

3-16=0/313, 3-14=-701/267, 4-14=-85/619, 4-13=-160/511, 5-13=-420/205, 6-13=-160/511, 6-12=-85/619, 7-12=-701/267, 7-10=0/313

BOT CHORD

- 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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 15-0-0, Exterior(2R) 15-0-0 to 21-2-2, Interior(1) 21-2-2 to 28-8-0, Exterior(2R) 28-8-0 to 34-10-2, Interior(1) 34-10-2 to 45-2-0 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) Provide adequate drainage to prevent water ponding.
- 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 100 lb uplift at joint(s) except (jt=lb) 2=378, 8=378.



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

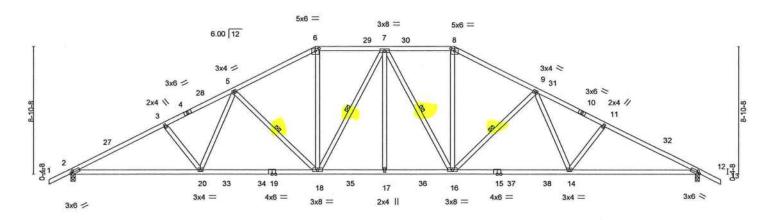
May 12,2022

MARNING - 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 buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent ucleapse with possible personal injury and properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/PHI Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



GIEBEIG - LOT 7 CW Job Truss Truss Type Qty Ply T27693297 3163303 T09 Hip Job Reference (optional) Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:44 2022 Page 1 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-SGoMS_9EfVBJiqE?Peu6ljcMlFmNwYyeH9AQCyzHY71 21-10-0 37-0-12 26-8-0 4-10-0 4-9-0 4-10-0

Scale = 1:77.3



		9-0-1	17-0	- Marin	21-10-0	26-8-		34-7		43-8-0	
		9-0-1	7-11-	Control of the Contro	4-10-0	4-10-	0 '	7-11	-15	9-0-1	
Plate Offsets (X,Y)-		[2:0-1-15,0-1-8], [6:0-3-0,	0-2-0], [8:0-3-0	0,0-2-0], [12:0	0-1-15,0-1-8]	-1-15,0-1-8]					
LOADING	G (psf)	SPACING-	2-0-0	CSI.		DEFL.	in (lo	c) I/def	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.29 14-	6 >999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.50 14-	6 >999	180	1,000,000,000,0	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.15	12 n/a	n/a		
BCDL	10.0	Code FBC2020/T	PI2014	Matri	x-MS					Weight: 259 lb	FT = 20%

BRACING-

WEBS

TOP CHORD

BOT CHORD

1 Row at midpt

LUMBER-

TOP CHORD 2x4 SP No.2

2x4 SP M 31 *Except* BOT CHORD 15-19: 2x4 SP No.2

WEBS 2x4 SP No.3

REACTIONS. (size) 2=0-3-8, 12=0-3-8

Max Horz 2=-138(LC 17)

Max Uplift 2=-375(LC 12), 12=-375(LC 13) Max Grav 2=1866(LC 2), 12=1866(LC 2)

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

2-3=-3435/647, 3-5=-3275/635, 5-6=-2547/542, 6-7=-2239/520, 7-8=-2239/520, TOP CHORD

8-9=-2547/542, 9-11=-3275/635, 11-12=-3435/647 **BOT CHORD**

2-20=-624/3024, 18-20=-486/2668, 17-18=-289/2344, 16-17=-289/2344, 14-16=-391/2668,

3-20=-275/170, 5-20=-95/578, 5-18=-628/247, 6-18=-138/897, 7-18=-353/130, 7-16=-353/130, 8-16=-138/897, 9-16=-628/247, 9-14=-95/578, 11-14=-275/170

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 17-0-0, Exterior(2R) 17-0-0 to 23-2-2, Interior(1) 23-2-2 to 26-8-0, Exterior(2R) 26-8-0 to 32-10-2, Interior(1) 32-10-2 to 45-2-0 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) Provide adequate drainage to prevent water ponding.
- 5) 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, with BCDL = 10.0psf.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=375, 12=375.



Structural wood sheathing directly applied or 2-6-0 oc purlins. Rigid ceiling directly applied or 8-5-11 oc bracing.

5-18, 7-18, 7-16, 9-16

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

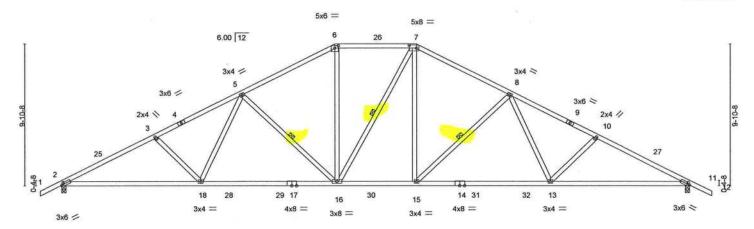
May 12,2022

MARNING - 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 MITE® 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 20801



Job	Truss		Truss Type		Qty	Ply	GIEBEIG - LOT 7 CW		
									T27693298
3163303	T10		Hip		2	1			
					1000		Job Reference (optional)		
Builders FirstSource	(Lake City,FL),	Lake City, FL - 3:	2055,		8	.530 s Dec	6 2021 MiTek Industries, Inc.	Wed May 11 14:40:45	2022 Page 1
				ID:MRUpu	oKKMqHI	FlytM1PC4	7zYSsJ-wSMlgK9sQpJAK pB	zMPLqw8Yze5Lf0YoW	pvzkOzHY70
c1-6-0 _i	6-6-11	12-6-8	19-0-0	24-8-0	31	31-1-8	37-1-5	43-8-0	45-2-0
1-6-0	6-6-11	5-11-14	6-5-8	5-8-0		6-5-8	5-11-14	6-6-11	1-6-0

Scale = 1:77.3



	-	9-8-5	1	19-0-0		24-8-0			-11-11		43-8-0	
Plate Offse	te (Y V)_	9-8-5 [2:0-1-15,0-1-8], [6:0-3-0,	0-2-01 17:0-6-0	9-3-11	L1_15 O_1_8	5-8-0		9.	-3-11		9-8-5	
riate Olise	19 (V, 1)	[2.0-1-15,0-1-0], [0.0-3-0,	0-2-0], [1.0-0-0	7,0-2-0], [11.0	-1-15,0-1-0		-					
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	0.56	Vert(LL)	-0.38	13-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.65	13-15	>809	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.15	11	n/a	n/a		
BCDL	10.0	Code FBC2020/T	PI2014	Matrix	k-MS						Weight: 245 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

WEBS

LUMBER-

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

2x4 SP M 31 *Except*

14-17: 2x4 SP No.2

2x4 SP No.3

WEBS

REACTIONS. (size) 2=0-3-8, 11=0-3-8

Max Horz 2=153(LC 12)

Max Uplift 2=-372(LC 12), 11=-372(LC 13) Max Grav 2=1866(LC 2), 11=1869(LC 2)

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

TOP CHORD

2-3=-3424/647, 3-5=-3237/609, 5-6=-2378/525, 6-7=-2076/509, 7-8=-2383/525,

8-10=-3242/610, 10-11=-3430/647

BOT CHORD WEBS

2-18=-640/3028, 16-18=-468/2578, 15-16=-218/2080, 13-15=-372/2583, 11-13=-488/3033

3-18=-317/194, 5-18=-89/649, 5-16=-715/284, 6-16=-121/781, 7-15=-153/793,

8-15=-716/284, 8-13=-89/649, 10-13=-317/194

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 19-0-0, Exterior(2E) 19-0-0 to 24-8-0, Exterior(2R) 24-8-0 to 31-1-8, Interior(1) 31-1-8 to 45-2-0 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) Provide adequate drainage to prevent water ponding.

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 100 lb uplift at joint(s) except (jt=lb) 2=372, 11=372.



Structural wood sheathing directly applied or 2-7-6 oc purlins.

5-16, 7-16, 8-15

Rigid ceiling directly applied or 2-2-0 oc bracing.

1 Row at midpt

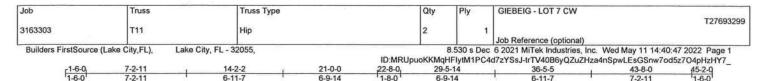
Philip J. O'Regan PE No.58126 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610 Date:

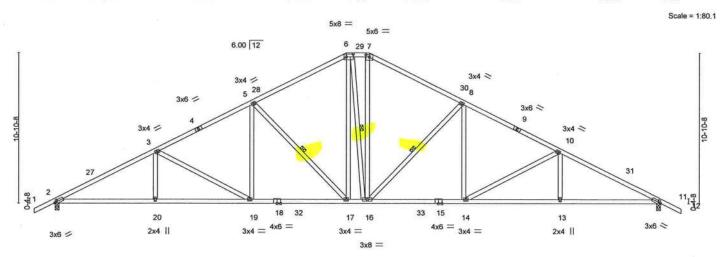
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0.3	7-2-11	14-2-2	T	21-0-0	,22-8-0,	29-5-14		1	36-5-5	43-8-0	
V	7-2-11	6-11-7		6-9-14	1-8-0	6-9-14		1	6-11-7	7-2-11	1
sets (X,Y)	[2:0-1-15,0-1-8], [6:0-6-0	,0-2-8], [7:0-3-0	,0-2-0], [11:0	-1-15,0-1-8	31						
G (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.31	17-19	>999	240	MT20	244/190
7.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.54	17-19	>978	180		
0.0	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.19	11	n/a	n/a	4 To 47 M T M T M T T T T T T T T T T T T T T	
10.0	Code FBC2020/T	PI2014	Matrix	-MS	10.100000000000000000000000000000000000					Weight: 270 lb	FT = 20%
	(psf) 20.0 7.0 0.0	sets (X,Y) [2:0-1-15,0-1-8], [6:0-6-0 (psf) SPACING- 20.0 Plate Grip DOL 1.0 Lumber DOL 0.0 Rep Stress Incr	7-2-11 6-11-7 sets (X,Y)- [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0 G (psf) SPACING- 2-0-0 20.0 Plate Grip DOL 1.25 7.0 Lumber DOL 1.25 0.0 Rep Stress Incr YES	7-2-11 6-11-7 sets (X,Y)- [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0 G (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 7.0 Lumber DOL 1.25 BC 0.0 Rep Stress Incr YES WB	7-2-11 6-9-14 sets (X,Y)- [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-1-15,0-1-8] (psf) SPACING- 2-0-0 CSI. 20.0 Plate Grip DOL 1.25 TC 0.64 7.0 Lumber DOL 1.25 BC 0.94 0.0 Rep Stress Incr YES WB 0.73	7-2-11 6-11-7 6-9-14 1-8-0 sets (X,Y)- [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-1-15,0-1-8] (psf) SPACING- 2-0-0 CSI. DEFL. 20.0 Plate Grip DOL 1.25 TC 0.64 Vert(LL) 7.0 Lumber DOL 1.25 BC 0.94 Vert(CT) 0.0 Rep Stress Incr YES WB 0.73 Horz(CT)	7-2-11 6-11-7 6-9-14 1-8-0 6-9-14 sets (X,Y)— [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-1-15,0-1-8] (psf) SPACING- 2-0-0 CSI. DEFL. in 20.0 Plate Grip DOL 1.25 TC 0.64 Vert(LL) -0.31 7.0 Lumber DOL 1.25 BC 0.94 Vert(CT) -0.54 0.0 * Rep Stress Incr YES WB 0.73 Horz(CT) 0.19	7-2-11 6-11-7 6-9-14 1-8-0 6-9-14 sets (X,Y)— [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-1-15,0-1-8] (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) 20.0 Plate Grip DOL 1.25 TC 0.64 Vert(LL) -0.31 17-19 7.0 Lumber DOL 1.25 BC 0.94 Vert(CT) -0.54 17-19 0.0 Rep Stress Incr YES WB 0.73 Horz(CT) 0.19 11	7-2-11 6-11-7 6-9-14 1-8-0 6-9-14 sets (X,Y)— [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-1-15,0-1-8] (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) I/defl 20.0 Plate Grip DOL 1.25 TC 0.64 Vert(LL) -0.31 17-19 >999 7.0 Lumber DOL 1.25 BC 0.94 Vert(CT) -0.54 17-19 >978 0.0 * Rep Stress Incr YES WB 0.73 Horz(CT) 0.19 11 n/a	7-2-11 6-11-7 6-9-14 1-8-0 6-9-14 6-11-7 sets (X,Y)— [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-1-15,0-1-8] (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) I/defl L/d 20.0 Plate Grip DOL 1.25 TC 0.64 Vert(LL) -0.31 17-19 >999 240 7.0 Lumber DOL 1.25 BC 0.94 Vert(CT) -0.54 17-19 >978 180 0.0 * Rep Stress Incr YES WB 0.73 Horz(CT) 0.19 11 n/a n/a	7-2-11 6-9-14 1-8-0 6-9-14 6-9-1-7 7-2-11 sets (X,Y)— [2:0-1-15,0-1-8], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [11:0-1-15,0-1-8] (psf) SPACING- 2-0-0 CSI. DEFL. in (loc) l/defl L/d PLATES 20.0 Plate Grip DOL 1.25 TC 0.64 Vert(LL) -0.31 17-19 >999 240 MT20 7.0 Lumber DOL 1.25 BC 0.94 Vert(CT) -0.54 17-19 >978 180 0.0 * Rep Stress Incr YES WB 0.73 Horz(CT) 0.19 11 n/a n/a

LUMBER-

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 2x4 SP No.3 WEBS

BRACING-

TOP CHORD **BOT CHORD** WEBS

Structural wood sheathing directly applied or 2-6-5 oc purlins.

Rigid ceiling directly applied or 2-2-0 oc bracing. 1 Row at midpt 5-17, 6-16, 8-16

REACTIONS.

(size) 2=0-3-8, 11=0-3-8

Max Horz 2=168(LC 12)

Max Uplift 2=-369(LC 12), 11=-369(LC 13) Max Grav 2=1839(LC 2), 11=1839(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-3403/625, 3-5=-2804/536, 5-6=-2148/489, 6-7=-1867/473, 7-8=-2152/489,

8-10=-2802/536, 10-11=-3404/626

BOT CHORD

2-20=-630/2990, 19-20=-630/2990, 17-19=-425/2448, 16-17=-218/1862, 14-16=-309/2446,

13-14=-463/2991, 11-13=-463/2991

WEBS

3-20=0/284, 3-19=-619/232, 5-19=-64/583, 5-17=-856/301, 6-17=-182/736, 6-16=-210/254, 7-16=-166/753, 8-16=-848/299, 8-14=-63/577, 10-14=-621/232,

10-13=0/285

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 21-0-0, Exterior(2E) 21-0-0 to 22-8-0, Exterior(2R) 22-8-0 to 28-10-2, Interior(1) 28-10-2 to 45-2-0 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) Provide adequate drainage to prevent water ponding.
- 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 100 lb uplift at joint(s) except (jt=lb) 2=369, 11=369.



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

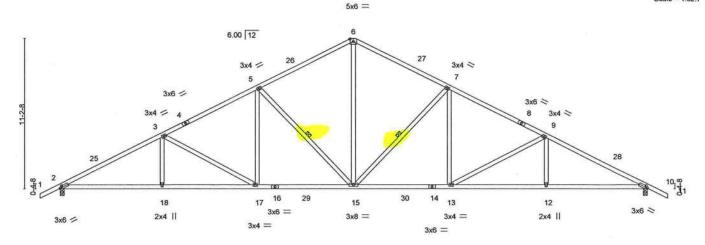
May 12,2022

MARNING - 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 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 properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TH1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



6904 Parke East Blvd. Tampa, FL 36610

Job	Truss		Truss Type		Qty	Ply	GIEBEIG - LOT 7 CW		
									T27693300
3163303	T12		Common		1	1			
			Constitution Const				Job Reference (optional)		
Builders FirstSource (Lat	ke City,FL),	Lake City, FL - 32	2055,		processor was a	8.530 s Dec	6 2021 MiTek Industries, Inc.	Wed May 11 14:40:	48 2022 Page 1
					ID:MRUpuoKKMqi	HFlytM1PC	4d7zYSsJ-L11tIMCkjkhlBRYm	eUz2SZm0Cs5msEN	IECn8dKjzHY6z
1-6-0	7-7-4	1	14-8-5	21-10-0	28-1	1-6	36-1-14	43-8-0	45-2-9
4.00	774		7 4 4	7 4 44	7 4	C	720	760	14.6.0



		7-7-4	14-8-5	- 7	21-10-0		28-11-6		36-1-14	43-8-0	- 1
		7-7-4	7-1-1		7-1-11		7-1-6	7.4	7-2-8	7-6-2	1
Plate Offse	ets (X,Y)-	[2:0-1-15,0-1-8], [10:0-1-	15,0-1-8]								
LOADING	(psf)	SPACING-	2-0-0	CSI.		DEFL.	in (loc)	l/defi	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	-0.31 15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.97	Vert(CT)	-0.53 15-17	>997	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.19 10	n/a	n/a		
BCDL	10.0	Code FBC2020/T	PI2014	Matri	x-MS					Weight: 243 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 **BOT CHORD** 2x4 SP No.2 2x4 SP No.3 WEBS

BRACING-

TOP CHORD **BOT CHORD** WEBS

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

Rigid ceiling directly applied or 2-2-0 oc bracing. 7-15, 5-15

1 Row at midpt

REACTIONS.

(size) 2=0-3-8, 10=0-3-8

Max Horz 2=173(LC 12)

Max Uplift 2=-368(LC 12), 10=-368(LC 13) Max Grav 2=1843(LC 2), 10=1843(LC 2)

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

TOP CHORD

2-3=-3392/618, 3-5=-2766/543, 5-6=-2106/495, 6-7=-2106/496, 7-9=-2765/543,

BOT CHORD 2-18=-625/2977, 17-18=-625/2977, 15-17=-414/2412, 13-15=-300/2411, 12-13=-455/2984, 10-12=-455/2984

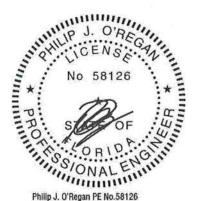
6-15=-266/1511, 7-15=-862/309, 7-13=-67/593, 9-13=-653/242, 9-12=0/301, 5-15=-862/309, 5-17=-69/594, 3-17=-648/240, 3-18=0/300

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 21-10-0, Exterior(2R) 21-10-0 to 26-2-6, Interior(1) 26-2-6 to 45-2-0 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=368, 10=368.



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

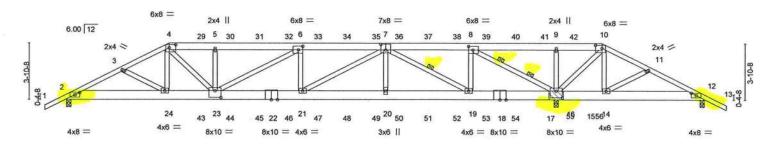
May 12,2022



Job	Truss		Truss Type			Qty	Ply	GIEBEIG - L	OT 7 CW			
3163303	T13		Hip Girder			1	1					T2769330
								Job Reference	ce (optional)			
Builders FirstSource (I	Lake City,FL),	Lake City, FL	- 32055,				8.530 s Dec	6 2021 MiTek	Industries, Inc.	Wed May 11	14:40:51 20:	22 Page 1
						ID:MRUpuoKK	MqHFlytM1F	C4d7zYSsJ-lo	j0wNEd0f4J2v0	SLJdW4BOU	3193a?gukMl	4x2zHY6w
c1-6-0, 3-10-15	7-0-0	10-1-12	15-11-14	1	21-10-0	27-8-2		33-6-4	36-8-0	39-9-1	43-8-0	45-2-Q
160 21016	211	2 1 12	E 10.2		E 10.2	E 10.2		E 40.0	2 4 42	244	2 40 45	1400

Scale = 1:76.0

THIS TRUSS IS NOT SYMMETRIC. PROPER ORIENTATION IS ESSENTIAL.



- 1		7-0-0	10-1-12	15-11-14	- 1	21-10-0	27-8	-2	1	33-6-4	1 3	6-8-0	43-8-0	1.
1		7-0-0	3-1-12	5-10-2	- 1	5-10-2	5-10	-2	1	5-10-2	1 3	-1-12	7-0-0	
Plate Offse	ts (X,Y)-	[2:0-4-0	,0-1-15], [4:0-5-4	,0-2-8], [6:0-3-8,0-	3-0], [7:0-	4-0,0-4-8],	[8:0-3-8,0-3-0], [10:	0-5-4,0-	2-8], [1	2:0-4-0,0	1-15], [16:0	-5-0,0-5-8], [2	3:0-5-0,0-	5-8]
LOADING	(psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLAT	ES	GRIP
TCLL	20.0	F	Plate Grip DOL	1.25	TC	0.93	Vert(LL)	0.28	21	>999	240	MT20)	244/190
TCDL	7.0	1	umber DOL	1.25	BC	0.28	Vert(CT)	-0.44	21	>901	180			
BCLL	0.0	F	Rep Stress Incr	NO	WB	0.83	Horz(CT)	0.07	16	n/a	n/a			
BCDL	10.0	(Code FBC2020/1	PI2014	Matri	x-MS	Ø 20					Weigh	ht: 324 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

WEBS

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*

4-7,7-10: 2x6 SP No.2 2x8 SP 2400F 2.0E

BOT CHORD 2x8 SP 2400F 2.0E WEBS 2x4 SP No.3 *Except*

6-23,7-21,7-19,8-16: 2x4 SP No.2

REACTIONS. (size) 2=0-3-8, 16=(0-3-8 + bearing block) (req. 0-6-0), 12=0-3-8

Max Horz 2=62(LC 31)

Max Uplift 2=-932(LC 8), 16=-2300(LC 4), 12=-724(LC 19) Max Grav 2=2198(LC 19), 16=5092(LC 1), 12=365(LC 12)

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

TOP CHORD 2-3=-4283/1894, 3-4=-4148/1862, 4-5=-4722/2157, 5-6=-4717/2154, 6-7=-5233/2370,

7-8=-1156/558, 8-9=-1336/3055, 9-10=-1334/3055, 10-11=-848/1961, 11-12=-833/1876

BOT CHORD 2-24=-1682/3789, 23-24=-1602/3667, 21-23=-2318/5233, 20-21=-1820/4094,

19-20=-1820/4094, 16-19=-496/1156, 14-16=-1763/823, 12-14=-1653/763

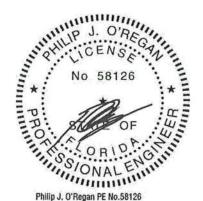
4-24=-210/544, 4-23=-748/1582, 5-23=-598/303, 6-23=-643/309, 6-21=-367/218, 7-21=-619/1320, 7-20=-135/534, 7-19=-3393/1529, 8-19=-769/1783, 8-16=-4814/2169,

9-16=-595/302, 10-16=-1945/882, 10-14=-143/378, 11-14=-256/144

NOTES-

WEBS

- 1) 2x8 SP 2400F 2.0E bearing block 12" long at jt. 16 attached to front face with 4 rows of 10d (0.131"x3") nails spaced 3" o.c. 16 Total fasteners. Bearing is assumed to be SP No.2.
- 2) Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- Provide adequate drainage to prevent water ponding.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=932, 16=2300, 12=724.



Structural wood sheathing directly applied or 2-8-0 oc purlins.

7-19

8-16

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

1 Row at midpt

2 Rows at 1/3 pts

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

May 12,2022

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 trusse systems, see

ANSITPH 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	GIEBEIG - LOT 7 CW	
3163303	T13	Hip Girder	1	1		T27693301
A TOTAL MODERNIE				8 1	Job Reference (optional)	

Builders FirstSource (Lake City.FL).

Lake City, FL - 32055.

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:40:51 2022 Page 2 ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-lcj0wNEd0f4J2vGLJdW4B0Ui3l93a?gukMHx2zHY6w

NOTES-

- 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 128 lb down and 90 lb up at 7-0-0, 110 lb down and 90 lb up at 19-0-12, 110 lb down and 90 lb up at 11-0-12, 110 lb down and 90 lb up at 13-0-12, 110 lb down and 90 lb up at 15-0-12, 110 lb down and 90 lb up at 19-0-12, 110 lb down and 88 lb up at 22-7-4, 110 lb down and 90 lb up at 24-7-4, 110 lb down and 90 lb up at 28-7-4, 110 lb down and 90 lb up at 28-7-4, 110 lb down and 90 lb up at 28-7-4, 110 lb down and 90 lb up at 30-7-4, 110 lb down and 90 lb up at 30-7-4, 110 lb down and 90 lb up at 30-7-4, and 110 lb down and 90 lb up at 30-7-4, and 230 lb down and 173 lb up at 36-8-0 on top chord, and 335 lb down and 236 lb up at 7-0-0, 86 lb down and 60 lb up at 9-0-12, 86 lb down and 60 lb up at 11-0-12, 86 lb down and 60 lb up at 11-0-12, 86 lb down and 60 lb up at 12-0-12, 86 lb down and 60 lb up at 12-0-12, 86 lb down and 60 lb up at 22-7-4, 86 lb down and 60 lb up at 23-7-4, 86 lb down and 60 lb up at 30-7-4, 86 lb down and 80 lb up at 30-7-4, 86 lb down and 80 lb up at 30-7-4, 8
- 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: 1-4=-54, 4-10=-54, 10-13=-54, 2-12=-20

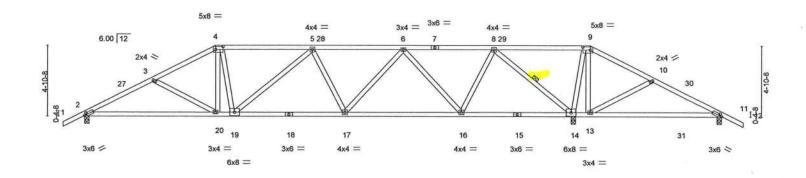
Concentrated Loads (lb)

Vert: 4=-110(B) 10=-182(B) 24=-335(B) 14=-335(B) 29=-110(B) 30=-110(B) 31=-110(B) 32=-110(B) 33=-110(B) 34=-110(B) 35=-110(B) 35=-110(B) 36=-110(B) 36=-11



Job		Truss	Truss Type		Qty	Ply	GIEBEIG - LOT 7	cw		
3163303		T14	Hip		1	1				T27693302
		100000	7.5559				Job Reference (or	otional)		
Builders FirstS	ource (Lake	City,FL), Lake City	, FL - 32055,		8	.530 s Dec	6 2021 MiTek Indu	istries, Inc. Wed May	11 14:40:53 2	022 Page 1
					ID:MRUpuoKKMqHF	TytM1PC4c	17zYSsJ-h?qmL3GI	YGK1HCQkR1YD9cl	JuxtssXXhzM2	rO?xzHY6u
1-6-0	4-9-8	9-0-0	15-7-6	21-10-0	28-0-10		34-8-0	, 38-10-8	43-8-0	45-2-0
1-6-0	4-9-8	4-2-8	6-7-5	6-2-10	6-2-10		6-7-5	4-2-8	4-9-8	1-6-0

Scale = 1:76.0



		9-0-0	10-1-12	17-10-1		25-9-15	-1	33-6-4	34-8-0	43-8-0	
		9-0-0	1-1-12	7-8-5		7-11-14		7-8-5	1-1-12	9-0-0	
Plate Offse	ets (X,Y)-	[2:0-1-15,0-1-8], [4:0	0-6-0,0-2-8], [9:0-6-0,0-2-8], [11:	0-1-15,0-1-8]						
LOADING	(psf)	SPACING-	2-0-0	CSI.		DEFL.	in (lo	c) I/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DO	OL 1.25	TC	0.69	Vert(LL)	0.25 13-2	6 >495	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.78	Vert(CT)	0.20 13-2	6 >597	180		
BCLL	0.0 *	Rep Stress Ir	nor YES	WB	0.69	Horz(CT)	0.07	14 n/a	n/a		
BCDL	10.0	Code FBC20	020/TPI2014	Matr	ix-MS					Weight: 231 lb	FT = 20%

LUMBER-

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

WEBS

2x4 SP No.3

BRACING-

TOP CHORD **BOT CHORD**

WEBS

Structural wood sheathing directly applied or 3-11-11 oc purlins.

Rigid ceiling directly applied or 5-4-6 oc bracing. 8-14

1 Row at midpt

REACTIONS. (size) 2=0-3-8, 14=0-3-8, 11=0-3-8

Max Horz 2=-78(LC 13)

Max Uplift 2=-296(LC 12), 14=-589(LC 8), 11=-357(LC 23) Max Grav 2=1154(LC 23), 14=2367(LC 1), 11=86(LC 12)

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

TOP CHORD 2-3=-1959/506, 3-4=-1705/429, 4-5=-1534/421, 5-6=-1605/422, 6-8=-658/208,

8-9=-279/1283, 9-10=-248/1189, 10-11=-237/1046

BOT CHORD 2-20=-456/1724, 19-20=-315/1484, 17-19=-409/1714, 16-17=-313/1267, 13-14=-1011/292,

3-20=-282/160, 4-20=-31/358, 4-19=-101/255, 5-19=-323/164, 5-17=-260/166,

6-17=-134/524, 6-16=-939/278, 8-16=-178/958, 8-14=-1928/526, 9-14=-1097/833,

9-13=-707/369, 10-13=-330/266

NOTES-

WEBS

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

- 2) Wind: ASCE 7-16; Vuit=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 9-0-0, Exterior(2R) 9-0-0 to 15-2-2, Interior(1) 15-2-2 to 34-8-0, Exterior(2R) 34-8-0 to 40-10-2, Interior(1) 40-10-2 to 45-2-0 zone; porch right exposed; 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) Provide adequate drainage to prevent water ponding.

5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=296, 14=589, 11=357.



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

May 12,2022

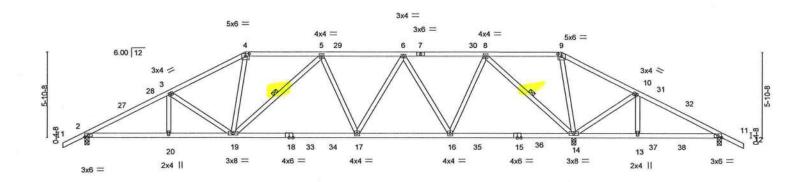
MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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 properly damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TPH Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



6904 Parke East Blvd. Tampa, FL 36610

Job	Truss		Truss Type		Qt	y Ply	GIEBEIG -	LOT 7 CW		
3163303	T15		Hip		1		1			T27693303
							Job Refere	nce (optional)		
Builders FirstS	ource (Lake City,FL)	, Lake City, Fl	- 32055,		20,	8.530 s	Dec 6 2021 MiT	ek Industries, Inc. Wed	May 11 14:40:54 2	022 Page 1
					ID:MRUpuok	KMqHFlyth	11PC4d7zYSsJ-A	BO8ZPGVJaSuvM?w_I	4Siq05jGBVG 36a	ibyYNzHY6t
r1-6-0,	5-8-15	11-0-0	16-2-3	21-10-0	27-5-1	13	32-8-0	37-11-1	43-8-0	A5-2-0
1-6-0	5-8-15	5-3-1	5-2-3	5-7-13	5-7-1	3	5-2-3	5-3-1	5-8-15	1-6-0

Scale = 1:76.0



	5-8	3-15 10-1-12		8-7-11	-	25-0-5	1	33	6-4		37-11-1	43-8-0	1
	5-8	3-15 4-4-13		8-5-15		6-4-10		8-5	-15	,	4-4-13	5-8-15	(197)
Plate Offs	sets (X,Y)-	[4:0-3-0,0-2-0], [9:0-3-0	,0-2-0], [11:0-2-	15,Edge]									
LOADING	G (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	s c	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.24 1	7-19	>999	240	MT20	2	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.43 1	7-19	>936	180	000000000		
BCLL	0.0	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.07	14	n/a	n/a			
BCDL	10.0	Code FBC2020	TPI2014	Matri	x-MS	ventoreans series					Weight:	237 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2 2x4 SP No.3

WEBS REACTIONS.

2=0-3-8, 14=0-3-8, 11=0-3-8

Max Horz 2=93(LC 16)

Max Uplift 2=-300(LC 12), 14=-519(LC 8), 11=-300(LC 23)

Max Grav 2=1250(LC 25), 14=2518(LC 2), 11=67(LC 12)

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

2-3=-2172/494, 3-4=-1814/430, 4-5=-1478/406, 5-6=-1489/351, 6-8=-830/219,

8-9=-168/983, 9-10=-253/1275, 10-11=-193/955 **BOT CHORD** 2-20=-454/1903, 19-20=-454/1903, 17-19=-315/1564, 16-17=-251/1230, 14-16=-80/397,

13-14=-829/203, 11-13=-829/203

3-19=-410/188, 4-19=-70/589, 5-19=-254/145, 5-17=-251/157, 6-17=-114/529, WEBS

6-16=-815/236, 8-16=-175/1081, 8-14=-1832/436, 9-14=-765/208, 10-14=-463/499,

10-13=-287/180

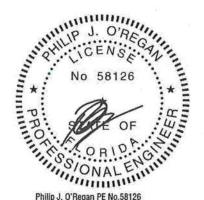
NOTES-

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 11-0-0, Exterior(2R) 11-0-0 to 17-2-2, Interior(1) 17-2-2 to 32-8-0, Exterior(2R) 32-8-0 to 38-10-2, Interior(1) 38-10-2 to 45-2-0 zone; porch right exposed; 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) Provide adequate drainage to prevent water ponding.

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 100 lb uplift at joint(s) except (jt=lb) 2=300, 14=519, 11=300.



Structural wood sheathing directly applied or 3-9-3 oc purlins.

5-19, 8-14

Rigid ceiling directly applied or 5-9-10 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 Date:

May 12,2022

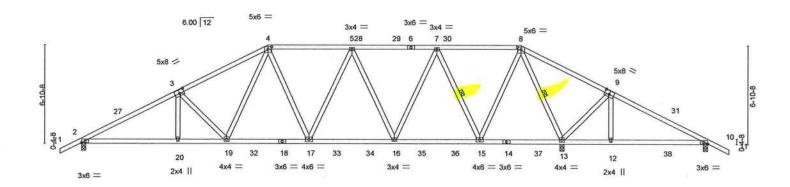
MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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

ANSITP11 Quality Criteria, DSB-89 and BCSI Building Compone Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	1	Truss Type		Qty	Ply	GIEBEIG - LOT 7 CW		
3163303	T16	ŀ	Hip		1	1	1		T27693304
							Job Reference (optional)		
Builders FirstSource	ce (Lake City,FL),	Lake City, FL - 320	055,			8.530 s Dec	6 2021 MiTek Industries, Inc. We	ed May 11 14:40:56	2022 Page 1
				ID:MRUpu	oKKMo	HFlytM1PC	4d7zYSsJ-6ZWvz5lmqBic8g9J6A	6wnF5QF4uekvaP2	042cGzHY6r
_C 1-6-0 ₁	6-8-15	13-0-0	18-10-6	24-9-10	1	30-8-0	36-11-1	43-8-0	45-2-0
1-6-0	6-8-15	6-3-1	5-10-6	5-11-5	1	5-10-6	6-3-1	6-8-15	1-6-0

Scale = 1:77.3



	1	6-8-15 , 10-1	1-12	15-10-10	21-10-0	27-	9-6	33-6-4	:	36-11-1	43-8-0	,
		6-8-15 3-4	-13	5-8-14	5-11-6	5-1	1-6	5-8-14		3-4-13	6-8-15	, 1
Plate Offse	ets (X,Y)	[3:0-4-0,0-3-0], [4:0-3-	-0,0-2-0], [8:	0-3-0,0-2-0], [9:0-	4-0,0-3-0], [10:0	-2-15,Edge]						
LOADING	(psf)	SPACING-	2-0-0	CSI.		DEFL.	in (loc)	l/defl	L/d		PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.14 17-19	>999	240		MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.24 17-19	>999	180	1		
BCLL	0.0 *	Rep Stress Inc	r YES	WB	0.60	Horz(CT)	0.07 13	n/a	n/a	1		
BCDL	10.0	Code FBC202	0/TPI2014	Matr	ix-MS						Weight: 245 lb	FT = 20%

BRACING-

WEBS

TOP CHORD

BOT CHORD

LUMBER-

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

WEBS 2x4 SP No.3

(size) 2=0-3-8, 13=0-3-8, 10=0-3-8

Max Horz 2=-108(LC 13)

Max Uplift 2=-306(LC 12), 13=-416(LC 8), 10=-142(LC 23) Max Grav 2=1317(LC 25), 13=2332(LC 2), 10=166(LC 24)

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

TOP CHORD

REACTIONS.

2-3=-2279/497, 3-4=-1927/467, 4-5=-1490/376, 5-7=-1233/288, 7-8=-511/192,

8-9=-145/942, 9-10=-136/630

BOT CHORD 2-20=-461/1991, 19-20=-462/1988, 17-19=-263/1446, 16-17=-257/1422, 15-16=-169/936,

12-13=-539/155, 10-12=-536/156

3-19=-478/210, 4-19=-133/543, 5-16=-465/193, 7-16=-154/726, 7-15=-1029/269,

8-15=-227/1292, 8-13=-1971/368, 9-13=-517/493, 9-12=-298/232

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 13-0-0, Exterior(2R) 13-0-0 to 19-2-2, Interior(1) 19-2-2 to 30-8-0, Exterior(2R) 30-8-0 to 36-10-6, Interior(1) 36-10-6 to 45-2-0 zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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) Provide adequate drainage to prevent water ponding.
- 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=306, 13=416, 10=142.



Structural wood sheathing directly applied or 3-6-0 oc purlins.

7-15. 8-13

Rigid ceiling directly applied or 6-0-0 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 Date:

May 12,2022

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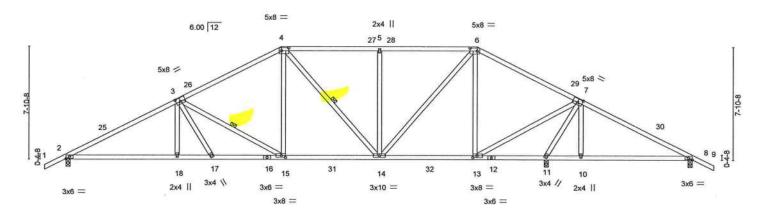
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ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss		Truss Type		Qty	Ply	GIEBEIG - LOT 7 CW		
3163303	T17		Hip		1		1		T27693305
	2.00		7.50				Job Reference (optional)		
Builders FirstSourc	e (Lake City,FL),	Lake City, FL -	32055,		\$160-0-0-0000 DATA GOOD	8.530 s De	c 6 2021 MiTek Industries, Inc	. Wed May 11 14:40:58	3 2022 Page 1
					ID:MRUpuoKKM	MqHFlytM1F	PC4d7zYSsJ-2yefOnJ0MoyKO	zJhDb8OsgBlSuYBCkli	VKZ9h8zHY6p
r1-6-0 ₁	7-8-15		15-0-0	21-10-0	28-8-	0	35-11-1	43-8-0	45-2-0
1-6-0	7-8-15		7-3-1	6-10-0	6-10-	0	7-3-1	7-8-15	1-6-0

Scale = 1:77.3



			0-1-12	15-0-0	21-1	0-0 1 2	8-8-0		33-6	-4	35-11-1	43-8-0	
		7-8-15	4-13	4-10-4	6-10	-0 ' 6	-10-0		4-10	4	2-4-13	7-8-15	
Plate Offse	ets (X,Y)-	[3:0-3-12,0-3-0], [4:0-	6-0,0-2-8]	, [6:0-6-0,0-2-8],	7:0-3-12,0-	3-0], [8:0-2-15,Edge], [13:0-3-8	,0-1-8],	[15:0-3-8	,0-1-8]			
LOADING	(psf)	SPACING-	2-0	-0 0	SI.	DEFL.	in	(loc)	I/defl	L/d		PLATES	GRIP
TCLL	20.0	Plate Grip DOL	. 1.	25 7	C 0.64	Vert(LL)	-0.15	18-21	>999	240		MT20	244/190
TCDL	7.0	Lumber DOL	1.3	25 E	C 0.83	Vert(CT)	-0.29	18-21	>999	180			
BCLL	0.0 *	Rep Stress Inc	r YE	ES V	/B 0.93	Horz(CT)	0.07	11	n/a	n/a			
BCDL	10.0	Code FBC202	0/TPI201	4 N	atrix-MS							Weight: 250 lb	FT = 20%

LUMBER-

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

2x4 SP No.3

BRACING-TOP CHORD

BOT CHORD WEBS

Structural wood sheathing directly applied or 3-0-5 oc purlins.

Rigid ceiling directly applied or 5-9-2 oc bracing. 3-15, 4-14

1 Row at midpt

REACTIONS.

(size) 2=0-3-8, 11=0-3-8, 8=0-3-8

Max Horz 2=123(LC 12)

Max Uplift 2=-317(LC 12), 11=-307(LC 13), 8=-143(LC 13) Max Grav 2=1391(LC 2), 11=1916(LC 2), 8=418(LC 24)

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

TOP CHORD 2-3=-2395/511, 3-4=-1717/398, 4-5=-1342/362, 5-6=-1342/362, 6-7=-838/236,

7-8=-286/131

BOT CHORD 2-18=-478/2087, 17-18=-478/2076, 15-17=-462/2093, 14-15=-242/1475, 13-14=-61/662,

11-13=-978/244

WEBS 3-18=0/278, 3-15=-724/254, 4-15=-89/618, 4-14=-259/110, 5-14=-423/206,

6-14=-240/1039, 6-13=-705/173, 7-13=-276/1891, 7-11=-2138/403, 7-10=0/273

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=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-6-0 to 2-10-6, Interior(1) 2-10-6 to 15-0-0, Exterior(2R) 15-0-0 to 21-2-2, Interior(1) 21-2-2 to 28-8-0, Exterior(2R) 28-8-0 to 34-10-2, Interior(1) 34-10-2 to 45-2-0 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) Provide adequate drainage to prevent water ponding.

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 100 lb uplift at joint(s) except (jt=lb) 2=317, 11=307, 8=143.



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

May 12,2022

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

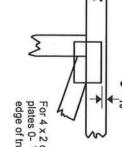


Symbols

PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0- 1/18" from outside edge of truss.

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

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

PLATE SIZE



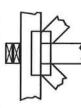
width measured perpendicular to slots. Second dimension is the length parallel to slots. The first dimension is the plate

LATERAL BRACING LOCATION



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

BEARING



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

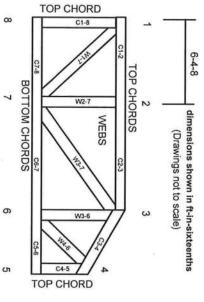
Industry Standards:

National Design Specification for Metal Plate Connected Wood Truss Construction. Building Component Safety Information, Design Standard for Bracing.

DSB-89: ANSI/TPI1:

Connected Wood Trusses Guide to Good Practice for Handling, Installing & Bracing of Metal Plate

Numbering System



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

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

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

section 6.3 These truss designs rely on lumber values Lumber design values are in accordance with ANSI/TPI 1 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
- 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

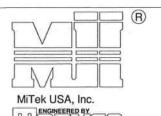
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- Place plates on each face of truss at each locations are regulated by ANSI/TPI 1. joint and embed fully. Knots and wane at joint
- Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
- Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
- Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
- 10. Camber is a non-structural consideration and is the camber for dead load deflection. responsibility of truss fabricator. General practice is to
- 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
- 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.
- 18. Use of green or treated lumber may pose unacceptable project engineer before use. environmental, health or performance risks. Consult with
- 19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
- 20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.
- 21. The design does not take into account any dynamic or other loads other than those expressly stated.

T-BRACE / I-BRACE DETAIL WITH 2X BRACE ONLY

MII-T-BRACE 2

MiTek USA, Inc. Page 1 of 1



Note: T-Bracing / I-Bracing to be used when continuous lateral bracing is impractical. T-Brace / I-Brace must cover 90% of web length.

Note: This detail NOT to be used to convert T-Brace / I-Brace webs to continuous lateral braced webs.

lailing Pattern	
Nail Size	Nail Spacing
10d (0.131" X 3")	6" o.c.
	Nail Size

Note: Nail along entire length of T-Brace / I-Brace (On Two-Ply's Nail to Both Plies)

,, \	Nails
	SPACING
WEB	+ ~
	T-BRACE
Nails Section Detai	
Nails Section Detail T-Brace	
Web	

Nails	
Web	I-Brace
Nails	

	Brace Size for One-Ply Truss					
	Specified Rows of La	Continuous iteral Bracing				
Web Size	1	2				
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace				
2x6	2x6 T-Brace	2x6 I-Brace				
2x8	2x8 T-Brace	2x8 I-Brace				

	Brace Size for Two-Ply Truss					
	Specified Rows of La	Continuous Iteral Bracing				
Web Size	1	2				
2x3 or 2x4	2x4 T-Brace	2x4 I-Brace				
2x6	2x6 T-Brace	2x6 I-Brace				
2x8	2x8 T-Brace	2x8 I-Brace				

T-Brace / I-Brace must be same species and grade (or better) as web member.



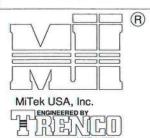
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SCAB-BRACE DETAIL

MII-SCAB-BRACE

MiTek USA, Inc.

Page 1 of 1

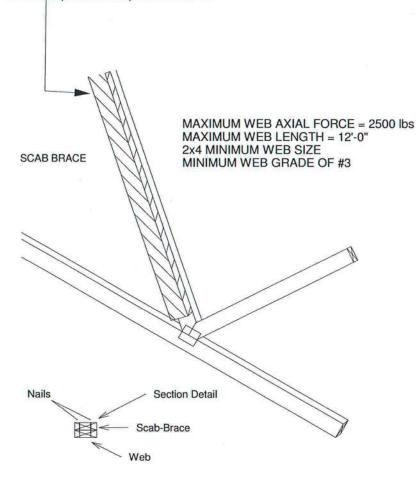


Note: Scab-Bracing to be used when continuous lateral bracing at midpoint (or T-Brace) is impractical.

Scab must cover full length of web +/- 6".

*** THIS DETAIL IS NOT APLICABLE WHEN BRACING IS *** REQUIRED AT 1/3 POINTS OR I-BRACE IS SPECIFIED.

APPLY 2x___ SCAB TO ONE FACE OF WEB WITH 2 ROWS OF 10d (0.131" X 3") NAILS SPACED 6" O.C. SCAB MUST BE THE SAME GRADE, SIZE AND SPECIES (OR BETTER) AS THE WEB.



Scab-Brace must be same species grade (or better) as web member.

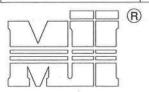


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STANDARD REPAIR TO REMOVE END VERTICAL (RIBBON NOTCH VERTICAL)

MII-REP05

MiTek USA, Inc. Page 1 of 1



MiTek USA, Inc.

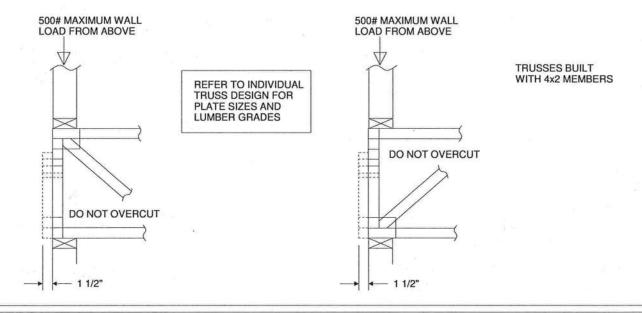
1. THIS IS A SPECIFIC REPAIR DETAIL TO BE USED ONLY FOR ITS ORIGINAL INTENTION. THIS REPAIR DOES NOT IMPLY THAT THE REMAINING PORTION OF THE TRUSS IS UNDAMAGED. THE ENTIRE TRUSS SHALL BE INSPECTED TO VERIFY THAT NO FURTHER REPAIRS ARE REQUIRED. WHEN THE REQUIRED REPAIRS ARE PROPERLY APPLIED, THE TRUSS WILL BE CAPABLE OF SUPPORTING THE LOADS INDICATED.

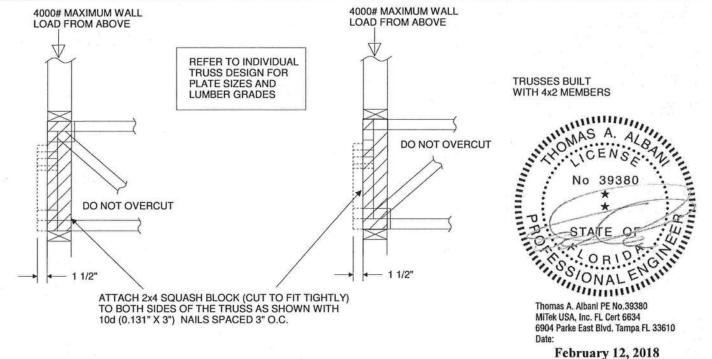
2. ALL MEMBERS MUST BE RETURNED TO THEIR ORIGINAL POSITIONS BEFORE
APPLYING REPAIR AND HELD IN PLACE DURING APPLICATION OF REPAIR.

3. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE
SUCH AS TO AVOID SPLITTING OF THE WOOD.

4. LUMBER MUST BE CUT CLEANLY AND ACCURATELY AND THE REMAINING WOOD MUST BE UNDAMAGED.

5. THIS REPAIR IS TO BE USED FOR SINGLE PLY TRUSSES IN THE 4X_ORIENTATION ONLY.
6. CONNECTOR PLATES MUST BE FULLY IMBEDDED AND UNDISTURBED.

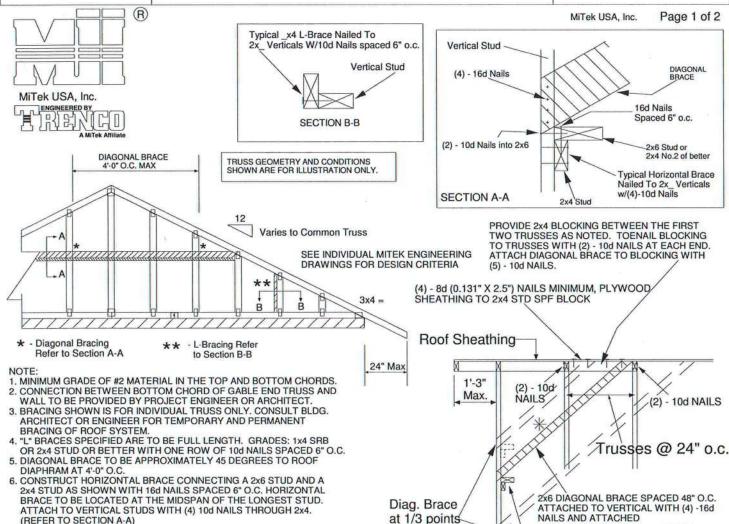






Standard Gable End Detail

MII-GE130-D-SP



if needed

End Wall

(REFER TO SECTION A-A) GABLE STUD DEFLECTION MEETS OR EXCEEDS L/240.

THIS DETAIL DOES NOT APPLY TO STRUCTURAL GABLES DO NOT USE FLAT BOTTOM CHORD GABLES NEXT TO SCISSOR TYPE TRUSSES.

10. SOUTHERN PINE LUMBER DESIGN VALUES ARE THOSE EFFECTIVE 06-01-13 BY SPIB/ALSC.

NAILS DESIGNATED 10d ARE (0.131" X 3") AND NAILS DESIGNATED 16d ARE (0.131" X 3.5")

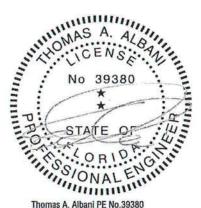
Minimum Stud Size	Stud Spacing	Without Brace	1x4 L-Brace	2x4 L-Brace	DIAGONAL BRACE	2 DIAGONAL BRACES AT 1/3 POINTS
Species and Grade			Maximu	m Stud Le	ngth	
2x4 SP No. 3 / Stud	12" O.C.	3-9-13	4-1-1	5-9-6	7-1-3	11-5-7
2x4 SP No. 3 / Stud	16" O.C.	3-5-4	3-6-8	5-0-2	6-10-8	10-3-13
2x4 SP No. 3 / Stud	24" O.C.	2-9-11	2-10-11	4-1-1	5-7-6	8-5-1

Diagonal braces over 6'-3" require a 2x4 T-Brace attached to one edge. Diagonal braces over 12'-6" require 2x4 I-braces attached to both edges. Fasten T and I braces to narrow edge of diagonal brace with 10d nails 8" o.c., with 3" minimum end distance. Brace must cover 90% of diagonal length.

MAX MEAN ROOF HEIGHT = 30 FEET CATEGORY II BUILDING EXPOSURE D ASCE 7-98, ASCE 7-02, ASCE 7-05 130 MPH ASCE 7-10 160 MPH

DURATION OF LOAD INCREASE: 1.60

STUD DESIGN IS BASED ON COMPONENTS AND CLADDING. CONNECTION OF BRACING IS BASED ON MWFRS.



TO BLOCKING WITH (5) - 10d NAILS.

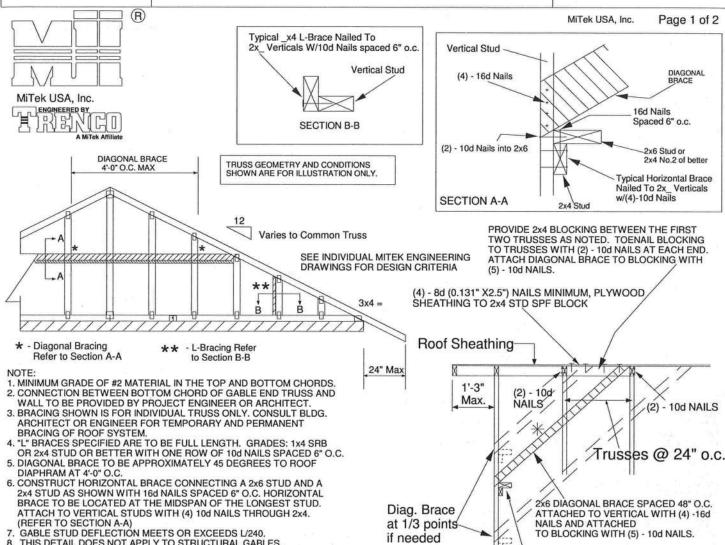
HORIZONTAL BRACE

(SEE SECTION A-A)

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Standard Gable End Detail

MII-GE130-SP



End Wall

8	THIS DETAIL DOES NOT APPLY TO STRUCTURAL GABLES.

a	DO NOT LISE ELAT BOTTOM CHORD GABLES NEXT TO SCIS

TYPE TRUSSES.

10. SOUTHERN PINE LUMBER DESIGN VALUES ARE THOSE EFFECTIVE 06-01-13 BY SPIB/ALSC.

11. NAILS DESIGNATED 10d ARE (0.131" X 3") AND NAILS DESIGNATED 16d ARE (0.131" X 3.5")

Minimum Stud Size Species	Stud Spacing	Without Brace	1x4 L-Brace	2x4 L-Brace	DIAGONAL BRACE	2 DIAGONAL BRACES AT 1/3 POINTS
and Grade			Maximu	m Stud Lei	ngth	
2x4 SP No. 3 / Stud	12" O.C.	4-0-7	4-5-6	6-3-8	8-0-15	12-1-6
2x4 SP No. 3 / Stud	16" O.C.	3-8-0	3-10-4	5-5-6	7-4-1	11-0-1
2x4 SP No. 3 / Stud	24" O.C.	3-0-10	3-1-12	4-5-6	6-1-5	9-1-15

Diagonal braces over 6'-3" require a 2x4 T-Brace attached to one edge. Diagonal braces over 12'-6" require 2x4 I-braces attached to both edges. Fasten T and I braces to narrow edge of diagonal brace with 10d nails 8" o.c., with 3" minimum end distance. Brace must cover 90% of diagonal length.

MAX MEAN ROOF HEIGHT = 30 FEET CATEGORY II BUILDING EXPOSURE B or C ASCE 7-98, ASCE 7-02, ASCE 7-05 130 MPH ASCE 7-10 160 MPH **DURATION OF LOAD INCREASE: 1.60**

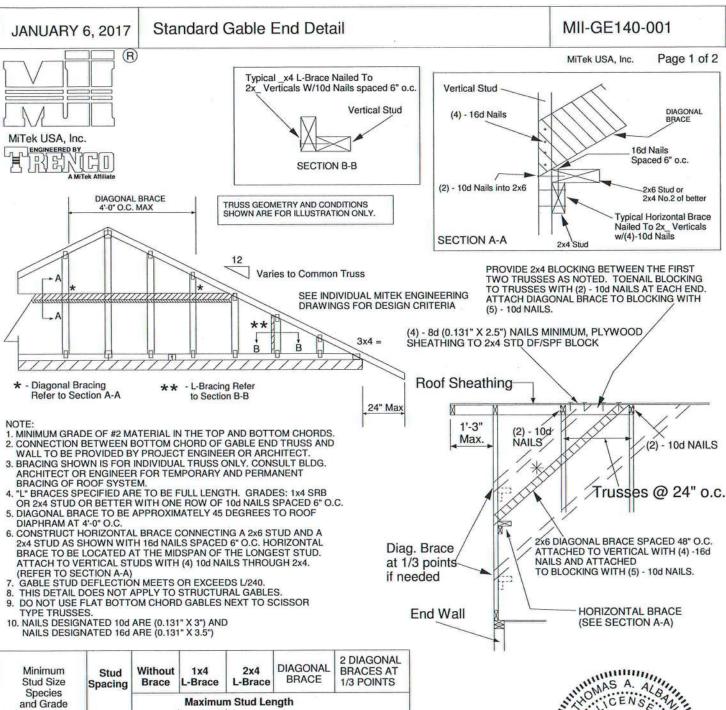
STUD DESIGN IS BASED ON COMPONENTS AND CLADDING. CONNECTION OF BRACING IS BASED ON MWFRS.



HORIZONTAL BRACE

(SEE SECTION A-A)

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Minimum Stud Size	Stud Spacing	Without Brace	1x4 L-Brace	2x4 L-Brace	DIAGONAL BRACE	2 DIAGONAL BRACES AT 1/3 POINTS			
Species and Grade		Maximum Stud Length							
2x4 DF/SPF Std/Stud	12" O.C.	3-10-1	3-11-7	5-7-2	7-8-2	11-6-4			
2x4 DF/SPF Std/Stud	16" O.C.	3-3-14	3-5-1	4-10-2	6-7-13	9-11-11			
2x4 DF/SPF Std/Stud	24" O.C.	2-8-9	2-9-8	3-11-7	5-5-2	8-1-12			

Diagonal braces over 6'-3" require a 2x4 T-Brace attached to one edge. Diagonal braces over 12'-6" require 2x4 I-braces attached to both edges. Fasten T and I braces to narrow edge of web with 10d nails 8" o.c., with 3" minimum end distance. Brace must cover 90% of diagonal length.

MAXIMUM WIND SPEED = 140 MPH MAX MEAN ROOF HEIGHT = 30 FEET CATEGORY II BUILDING EXPOSURE B or C ASCE 7-98, ASCE 7-02, ASCE 7-05 DURATION OF LOAD INCREASE: 1.60

STUD DESIGN IS BASED ON COMPONENTS AND CLADDING. CONNECTION OF BRACING IS BASED ON MWFRS.

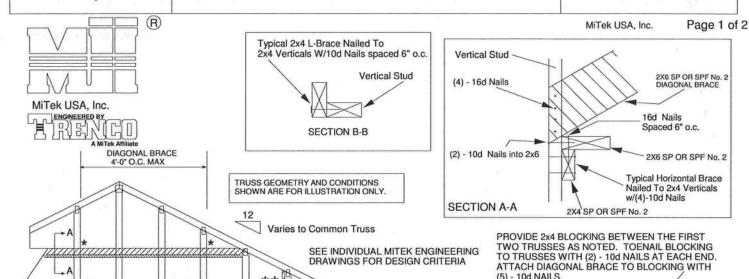


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January 19, 2018

Standard Gable End Detail

MII-GE170-D-SP



3x4 =

24" Max

Diag. Brace

at 1/3 points

End Wall

if needed

(4) - 8d (0.131" X 2.5") NAILS MINIMUM, PLYWOOD,

(2) - 10d

NAILS

SHEATHING TO 2x4 STD SPF BLOCK

Roof Sheathing

1'-0"

Max.

- Diagonal Bracing Refer to Section A-A

** - L-Bracing Refer to Section B-B

**

NOTE:

1. MINIMUM GRADE OF #2 MATERIAL IN THE TOP AND BOTTOM CHORDS.

MINIMUM GRADE OF #2 MATERIAL IN THE TOP AND BOTTOM CHORDS.
 CONNECTION BETWEEN BOTTOM CHORD OF GABLE END TRUSS AND WALL TO BE PROVIDED BY PROJECT ENGINEER OR ARCHITECT.
 BRACING SHOWN IS FOR INDIVIDUAL TRUSS ONLY. CONSULT BLDG.

ARCHITECT OR ENGINEER FOR TEMPORARY AND PERMANENT BRACING OF ROOF SYSTEM.

"L" BRACES SPECIFIED ARE TO BE FULL LENGTH, SPF or SP No.3 OR BETTER WITH ONE ROW OF 10d NAILS SPACED 6" O.C. 5. DIAGONAL BRACE TO BE APPROXIMATELY 45 DEGREES TO ROOF

DIAPHRAM AT 4'-0" O.C.

6. CONSTRUCT HORIZONTAL BRACE CONNECTING A 2x6 AND A 2x4 AS SHOWN WITH 16d NAILS SPACED 6" O.C. HORIZONTAL BRACE TO BE LOCATED AT THE MIDSPAN OF THE LONGEST GABLE STUD. ATTACH TO VERTICAL GABLE STUDS WITH (4) 10d NAILS THROUGH 2x4. (REFER TO SECTION A-A)
7. GABLE STUD DEFLECTION MEETS OR EXCEEDS L/240.
8. THIS DETAIL DOES NOT APPLY TO STRUCTURAL GABLES.

DO NOT USE FLAT BOTTOM CHORD GABLES NEXT TO SCISSOR TYPE TRUSSES

10. SOUTHERN PINE LUMBER DESIGN VALUES ARE THOSE EFFECTIVE 06-01-13 BY SPIB/ALSC.
 11. NAILS DESIGNATED 10d ARE (0.131" X 3") AND

NAILS DESIGNATED 16d ARE (0.131" X 3.5")

Minimum Stud Size Species and Grade	Stud Spacing	Without Brace	2x4 L-Brace	DIAGONAL BRACE	2 DIAGONAL BRACES AT 1/3 POINTS	
	1 2		ud Length			
2x4 SP No. 3 / Stud	12" O.C.	3-9-7	5-8-8	6-11-1	11-4-4	
2x4 SP No. 3 / Stud	16" O.C.	3-4-12	4-11-15	6-9-8	10-2-3	
2x4 SP No. 3 / Stud	24" O.C.	2-9-4	4-0-7	5-6-8	8-3-13	
2x4 SP No. 2	12" O.C.	3-11-13	5-8-8	6-11-1	11-11-7	
2x4 SP No. 2	16" O.C.	3-7-7	4-11-5	6-11-1	10-10-5	
2x4 SP No. 2	24" O.C.	3-1-15	4-0-7	6-3-14	9-5-14	

Diagonal braces over 6'-3" require a 2x4 T-Brace attached to one edge. Diagonal braces over 12'-6" require 2x4 I-braces attached to both edges. Fasten T and I braces to narrow edge of diagonal brace with 10d nails 6" o.c., with 3" minimum end distance. Brace must cover 90% of diagonal length. T or I braces must be 2x4 SPF No. 2 or SP No. 2.

MAX MEAN ROOF HEIGHT = 30 FEET EXPOSURE D ASCE 7-10 170 MPH **DURATION OF LOAD INCREASE: 1.60**

STUD DESIGN IS BASED ON COMPONENTS AND CLADDING. CONNECTION OF BRACING IS BASED ON MWFRS.

No 39380

STAITE OF HIS STAITE

(2) - 10d NAILS

Trusses @ 24" o.c.

2x6 DIAGONAL BRACE SPACED

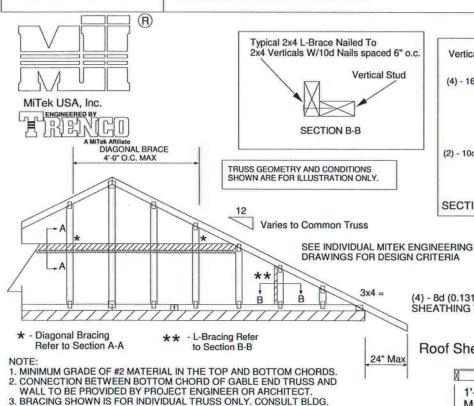
48" O.C. ATTACHED TO VERTICAL WITH (4) -16d NAILS, AND ATTACHED TO BLOCKING WITH (5) -10d NAILS.

HORIZONTAL BRACE (SEE SECTION A-A)

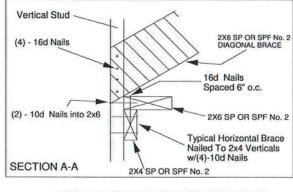
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Standard Gable End Detail

MII-GE180-D-SP



MiTek USA, Inc. Page 1 of 2



PROVIDE 2x4 BLOCKING BETWEEN THE FIRST TWO TRUSSES AS NOTED. TOENAIL BLOCKING TO TRUSSES WITH (2) - 10d NAILS AT EACH END. ATTACH DIAGONAL BRACE TO BLOCKING WITH (5) - 10d NAILS.

(4) - 8d (0.131" X 2.5") NAILS MINIMUM, PLYWOOD SHEATHING TO 2x4 STD SPF BLOCK

Roof Sheathing

1'-0" - 10d Max. NAILS (2) - 10d NAILS

Diag. Brace

at 1/3 points

if needed

End Wall

2x6 DIAGONAL BRACE SPACED 48" O.C. ATTACHED TO VERTICAL WITH (4) -16d NAILS, AND ATTACHED TO BLOCKING WITH (5) -10d NAILS.

Trusses @ 24" o.c.

HORIZONTAL BRACE (SEE SECTION A-A)

THIS DETAIL DOES NOT APPLY TO STRUCTURAL GABLES DO NOT USE FLAT BOTTOM CHORD GABLES NEXT TO SCISSOR

2x4 AS SHOWN WITH 16d NAILS SPACED 6" O.C. HORIZONTAL BRACE TO BE LOCATED AT THE MIDSPAN OF THE LONGEST GABLE STUD. ATTACH TO VERTICAL GABLE STUDS WITH (4) 10d NAILS THROUGH 2x4.

TYPE TRUSSES.

ARCHITECT OR ENGINEER FOR TEMPORARY AND PERMANENT

BRACING OF ROOF SYSTEM.

4. "L" BRACES SPECIFIED ARE TO BE FULL LENGTH, SPF or SP No.3
OR BETTER WITH ONE ROW OF 10d NAILS SPACED 6" O.C.

5. DIAGONAL BRACE TO BE APPROXIMATELY 45 DEGREES TO ROOF

6. CONSTRUCT HORIZONTAL BRACE CONNECTING A 2x6 AND A

GABLE STUD DEFLECTIÓN MEETS OR EXCEEDS L/240.

10. SOUTHERN PINE LUMBER DESIGN VALUES ARE THOSE EFFECTIVE 06-01-13 BY SPIB/ALSC.

NAILS DESIGNATED 10d ARE (0.131" X 3") AND NAILS DESIGNATED 16d ARE (0.131" X 3.5")

DIAPHRAM AT 4'-0" O.C.

(REFER TO SECTION A-A)

Minimum Stud Size Species	Stud Spacing	Without Brace	2x4 L-Brace	DIAGONAL BRACE	2 DIAGONAL BRACES AT 1/3 POINTS			
and Grade		Maximum Stud Length						
2x4 SP No. 3 / Stud	12" O.C.	3-7-12	5-4-11	6-2-1	10-11-3			
2x4 SP No. 3 / Stud	16" O.C.	3-2-8	4-8-1	6-2-1	9-7-7			
2x4 SP No. 3 / Stud	24" O.C.	2-7-7	3-9-12	5-2-13	7-10-4			
2x4 SP No. 2	12" O.C.	3-10-0	5-4-11	6-2-1	11-6-1			
2x4 SP No. 2	16" O.C.	3-5-13	4-8-1	6-2-1	10-5-7			
2x4 SP No. 2	24" O.C.	3-0-8	3-9-12	6-1-1	9-1-9			

Diagonal braces over 6'-3" require a 2x4 T-Brace attached to one edge. Diagonal braces over 12'-6" require 2x4 I-braces attached to both edges. Fasten T and I braces to narrow edge of diagonal brace with 10d nails 6in o.c., with 3in minimum end distance. Brace must cover 90% of diagonal length. T or I braces must be 2x4 SPF No. 2 or SP No. 2.

MAX MEAN ROOF HEIGHT = 30 FEET EXPOSURE D ASCE 7-10 180 MPH **DURATION OF LOAD INCREASE: 1.60**

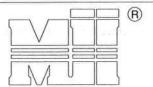
STUD DESIGN IS BASED ON COMPONENTS AND CLADDING. CONNECTION OF BRACING IS BASED ON MWFRS.



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STANDARD PIGGYBACK TRUSS CONNECTION DETAIL

MiTek USA, Inc. Page 1 of 1



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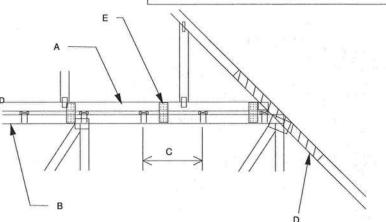
MAXIMUM WIND SPEED = REFER TO NOTES D AND OR E MAX MEAN ROOF HEIGHT = 30 FEET MAX TRUSS SPACING = 24 " O.C. CATEGORY II BUILDING EXPOSURE B or C ASCF 7-10 DURATION OF LOAD INCREASE: 1.60

DETAIL IS NOT APPLICABLE FOR TRUSSES TRANSFERING DRAG LOADS (SHEAR TRUSSES). ADDITIONAL CONSIDERATIONS BY BUILDING ENGINEER/DESIGNER ARE REQUIRED.

A - PIGGBACK TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.
SHALL BE CONNECTED TO EACH PURLIN
WITH (2) (0.131" X 3.5") TOE-NAILED.
B - BASE TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.
C - PURLINS AT EACH BASE TRUSS JOINT AND A MAXIMUM 24" O.C.
UNLESS SPECIFIED CLOSER ON MITEK TRUSS DESIGN DRAWING.
CONNECT TO BASE TRUSS WITH (2) (0.131" X 3.5") NAILS EACH.
D - 2 X ___ X 4"-0" SCAB, SIZE TO MATCH TOP CHORD OF
PIGGYBACK TRUSS, MIN GRADE #2, ATTACHED TO ONE FACE, CENTERED
ON INTERSECTION, WITH (2) ROWS OF (0.131" X 3") NAILS @ 4" O.C.
SCAB MAY BE OMITTED PROVIDED THE TOP CHORD SHEATHING
IS CONTINUOUS OVER INTERSECTION AT LEAST 1 FT. IN BOTH
DIRECTIONS AND: DIRECTIONS AND:

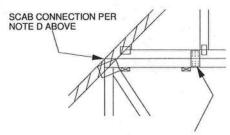
1. WIND SPEED OF 115 MPH OR LESS FOR ANY PIGGYBACK SPAN, OR 2. WIND SPEED OF 116 MPH TO 160 MPH WITH A MAXIMUM

PIGGYBACK SPAN OF 12 ft. E - FOR WIND SPEEDS BETWEEN 126 AND 160 MPH, ATTACH MITEK 3X8 20 GA NAII-ON PLATES TO EACH FACE OF TRUSSES AT 72° O.C. W/ (4) (0.131° X 1.5°) NAILS PER MEMBER. STAGGER NAILS FROM OPPOSING FACES. ENSURE 0.5° EDGE DISTANCE. (MIN. 2 PAIRS OF PLATES REO. REGARDLESS OF SPAN)

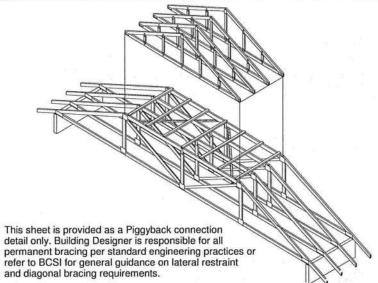


WHEN NO GAP BETWEEN PIGGYBACK AND BASE TRUSS EXISTS:

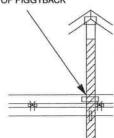
REPLACE TOE NAILING OF PIGGYBACK TRUSS TO PURLINS WITH Nail-On PLATES AS SHOWN, AND INSTALL PURLINS TO BOTTOM EDGE OF BASE TRUSS TOP CHORD AT SPECIFIED SPACING SHOWN ON BASE TRUSS MITEK DESIGN DRAWING.



FOR ALL WIND SPEEDS, ATTACH MITEK 3X6 20 GA Nail-On PLATES TO EACH FACE OF TRUSSES AT 48" O.C. W/ (4) (0.131" X 1.5") PER MEMBER. STAGGER NAILS FROM OPPOSING FACES ENSURE 0.5" EDGE DISTANCE.



VERTICAL WEB TO EXTEND THROUGH BOTTOM CHORD OF PIGGYBACK



FOR LARGE CONCENTRATED LOADS APPLIED TO CAP TRUSS REQUIRING A VERTICAL WEB:

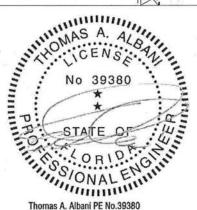
1) VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS MUST MATCH IN SIZE, GRADE, AND MUST LINE UP AS SHOWN IN DETAIL

x 4'-0" SCAB TO EACH FACE OF 2) ATTACH 2 x TRUSS ASSEMBLY WITH 2 ROWS OF 10d (0.1311 X 3") NAILS
SPACED 4" O.C. FROM EACH FACE. (SIZE AND GRADE TO MATCH
VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS.) (MINIMUM 2X4)

THIS CONNECTION IS ONLY VALID FOR A MAXIMUM CONCENTRATED LOAD OF 4000 LBS (@1.15). REVIEW BY A QUALIFIED ENGINEER IS REQUIRED FOR LOADS GREATER THAN 4000 LBS.

FOR PIGGYBACK TRUSSES CARRYING GIRDER LOADS, NUMBER OF PLYS OF PIGGYBACK TRUSS TO MATCH BASE TRUSS.

CONCENTRATED LOAD MUST BE APPLIED TO BOTH THE PIGGYBACK AND THE BASE TRUSS DESIGN.



Thomas A. Albani PE No.39380 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610 Date:

STANDARD PIGGYBACK TRUSS CONNECTION DETAIL

MII-PIGGY-ALT 7-10



MAXIMUM WIND SPEED = REFER TO NOTES D AND OR E MAX MEAN ROOF HEIGHT = 30 FEET MAX TRUSS SPACING = 24 " O.C. CATEGORY II BUILDING EXPOSURE B or C ASCF 7-10

DURATION OF LOAD INCREASE: 1.60

DETAIL IS NOT APPLICABLE FOR TRUSSES TRANSFERING DRAG LOADS (SHEAR TRUSSES). ADDITIONAL CONSIDERATIONS BY BUILDING ENGINEER/DESIGNER ARE REQUIRED.



A - PIGGBACK TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.

A - PIGGBACK TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.
SHALL BE CONNECTED TO EACH PURLIN
WITH (2) 0(0.131" X 3.5") TOE-NAILED.

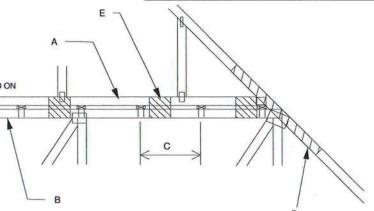
B - BASE TRUSS, REFER TO MITEK TRUSS DESIGN DRAWING.
C - PURLINS AT EACH BASE TRUSS JOINT AND A MAXIMUM 24" O.C.
UNLESS SPECIFIED CLOSER ON MITEK TRUSS DESIGN DRAWING.
CONNECT TO BASE TRUSS WITH (2) (0.131" X 3.5") NAILS EACH.
D - 2 X __X 4"-0" SCAB, SIZE TO MATCH TOP CHORD OF
PIGGYBACK TRUSS, MIN GRADE #2, ATTACHED TO ONE FACE, CENTERED ON
INTERSECTION, WITH (2) ROWS OF (0.131" X 3") NAILS @ 4" O.C.
SCAB MAY BE OMITTED PROVIDED THE TOP CHORD SHEATHING
IS CONTINUOUS OVER INTERSECTION AT LEAST 1 FT. IN BOTH
DIRECTIONS AND: DIRECTIONS AND:

DIRECTIONS AND:

1. WIND SPEED OF 115 MPH OR LESS FOR ANY PIGGYBACK SPAN, OR

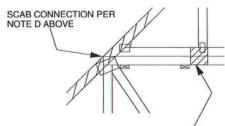
2. WIND SPEED OF 116 MPH TO 160 MPH WITH A MAXIMUM
PIGGYBACK SPAN OF 12 ft.

E - FOR WIND SPEED IN THE RANGE 126 MPH - 160 MPH
ADD 9" x 9" x 1/2" PLYWOOD (or 7/16" OSB) GUSSET
EACH SIDE AT 48" O.C. OR LESS. ATTACH WITH
3 - 6d (0.113" X:2") NAILS INTO EACH CHORD FROM
EACH SIDE (TOTAL - 12 NAILS)

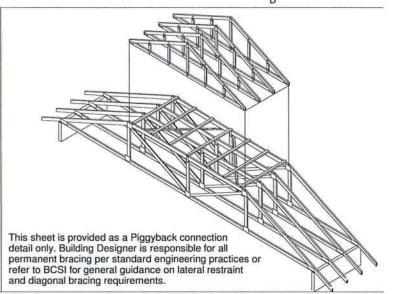


WHEN NO GAP BETWEEN PIGGYBACK AND BASE TRUSS EXISTS:

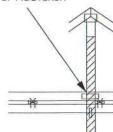
REPLACE TOE NAILING OF PIGGYBACK TRUSS TO PURLINS WITH PLYWOOD GUSSETS AS SHOWN, AND INSTALL PURLINS TO BOTTOM EDGE OF BASE TRUSS TOP CHORD AT SPECIFIED SPACING SHOWN ON BASE TRUSS MITEK DESIGN DRAWING.



x 7" x 1/2" PLYWOOD (or 7/16" OSB) GUSSET EACH SIDE AT 24" O.C. ATTACH WITH 3 - 6d (0.113" X 2") NAILS INTO EACH CHORD FROM EACH SIDE (TOTAL - 12 NAILS)



VERTICAL WEB TO EXTEND THROUGH BOTTOM CHORD OF PIGGYBACK



FOR LARGE CONCENTRATED LOADS APPLIED TO CAP TRUSS REQUIRING A VERTICAL WEB:

1) VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS MUST MATCH IN SIZE, GRADE, AND MUST LINE UP

AS SHOWN IN DETAIL.

ATTACH 2 x x 4'-0" SCAB TO EACH FACE OF

TRUSS ASSEMBLY WITH 2 ROWS OF 10d (0.131" X 3") NAILS

SPACED 4" O.C. FROM EACH FACE. (SIZE AND GRADE TO MATCH

VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS.)

VERTICAL WEBS OF PIGGYBACK AND BASE TRUSS.)
(MINIMUM 2X4)
THIS CONNECTION IS ONLY VALID FOR A MAXIMUM
CONCENTRATED LOAD OF 4000 LBS (@1.15). REVIEW
BY A QUALIFIED ENGINEER IS REQUIRED FOR LOADS

GREATER THAN 4000 LBS.
4) FOR PIGGYBACK TRUSSES CARRYING GIRDER LOADS, NUMBER OF PLYS OF PIGGYBACK TRUSS TO MATCH BASE TRUSS.

CONCENTRATED LOAD MUST BE APPLIED TO BOTH THE PIGGYBACK AND THE BASE TRUSS DESIGN.



Thomas A. Albani PE No.39380 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610

January 19, 2018

STANDARD REPAIR DETAIL FOR BROKEN CHORDS, WEBS AND DAMAGED OR MISSING CHORD SPLICE PLATES

MII-REP01A1

MiTek USA, Inc.

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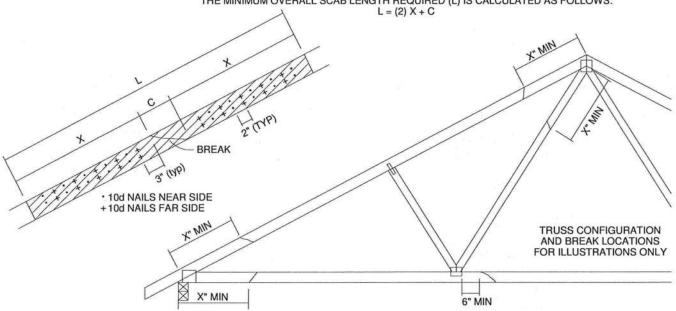
MiTek USA, Inc.
ENGINEERED BY
A MITAL Attilia

TOTAL NUMBER OF NAILS EACH SIDE OF BREAK *			MAXIMUM FORCE (lbs) 15% LOAD DURATION							
		X INCHES	SP		DF		SPF		HF	
2x4	2x6		2x4	2x6	2x4	2x6	2x4	2x6	2x4	2x6
20	30	24"	1706	2559	1561	2342	1320	1980	1352	2028
26	39	30"	2194	3291	2007	3011	1697	2546	1738	2608
32	48	36"	2681	4022	2454	3681	2074	3111	2125	3187
38	57	42"	3169	4754	2900	4350	2451	3677	2511	3767
44	66	48"	3657	5485	3346	5019	2829	4243	2898	4347

* DIVIDE EQUALLY FRONT AND BACK

ATTACH 2x_ SCAB OF THE SAME SIZE AND GRADE AS THE BROKEN MEMBER TO EACH FACE OF THE TRUSS (CENTER ON BREAK OR SPLICE) WITH 10d (0.131" X 3") NAILS (TWO ROWS FOR 2x4, THREE ROWS FOR 2x6) SPACED 4" O.C. AS SHOWN. STAGGER NAIL SPACING FROM FRONT FACE AND BACK FACE FOR A NET 0-2-0 O.C. SPACING IN THE MAIN MEMBER. USE A MIN. 0-3-0 MEMBER END DISTANCE.

THE LENGTH OF THE BREAK (C) SHALL NOT EXCEED 12". (C=PLATE LENGTH FOR SPLICE REPAIRS) THE MINIMUM OVERALL SCAB LENGTH REQUIRED (L) IS CALCULATED AS FOLLOWS:



THE LOCATION OF THE BREAK MUST BE GREATER THAN OR EQUAL TO THE REQUIRED X DIMENSION FROM ANY PERIMETER BREAK OR HEEL JOINT AND A MINIMUM OF 6" FROM ANY INTERIOR JOINT (SEE SKETCH ABOVE)

DO NOT USE REPAIR FOR JOINT SPLICES

- THIS REPAIR DETAIL IS TO BE USED ONLY FOR THE APPLICATION SHOWN. THIS REPAIR DOES NOT IMPLY THAT THE REMAINING PORTION OF THE TRUSS IS UNDAMAGED. THE ENTIRE TRUSS SHALL BE INSPECTED TO VERIFY THAT NO FURTHER REPAIRS ARE REQUIRED. WHEN THE REQUIRED REPAIRS ARE PROPERLY APPLIED, THE TRUSS WILL BE CAPABLE OF SUPPORTING THE LOADS INDICATED.

 2. ALL MEMBERS MUST BE RETURNED TO THEIR ORIGINAL POSITIONS BEFORE APPLING REPAIR AND HELD IN PLACE DURING APPLICATION OF REPAIR.
- THE END DISTANCE, EDGE DISTANCE AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
 WHEN NAILING THE SCABS, THE USE OF A BACKUP WEIGHT IS RECOMMENDED TO AVOID
- LOOSENING OF THE CONNECTOR PLATES AT THE JOINTS OR SPLICES.
 THIS REPAIR IS TO BE USED FOR SINGLE PLY TRUSSES IN THE 2x_ ORIENTATION ONLY.
 THIS REPAIR IS LIMITED TO TRUSSES WITH NO MORE THAN THREE BROKEN MEMBERS.



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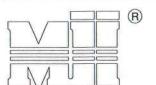
January 19, 2018

LATERAL TOE-NAIL DETAIL

MII-TOENAIL SP

MiTek USA, Inc.

Page 1 of 1



MiTek USA, Inc.

ENGINEERED BY

NOTES:

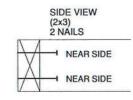
- 1. TOE-NAILS SHALL BE DRIVEN AT AN ANGLE OF 45 DEGREES WITH THE MEMBER AND MUST HAVE FULL WOOD SUPPORT. (NAIL MUST BE DRIVEN THROUGH AND EXIT AT THE BACK CORNER OF THE MEMBER END AS SHOWN.

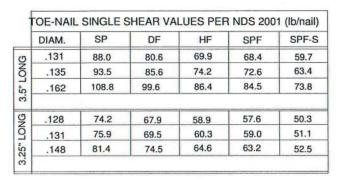
 2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.

 3. ALLOWABLE VALUE SHALL BE THE LESSER VALUE OF THE TWO SPECIES
- FOR MEMBERS OF DIFFERENT SPECIES.

THIS DETAIL APPLICABLE TO THE THREE END DETAILS SHOWN BELOW

VIEWS SHOWN ARE FOR ILLUSTRATION PURPOSES ONLY



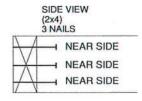


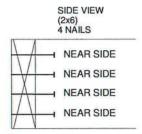
VALUES SHOWN ARE CAPACITY PER TOE-NAIL APPLICABLE DURATION OF LOAD INCREASES MAY BE APPLIED.

(3) - 16d (0.162" X 3.5") NAILS WITH SPF SPECIES BOTTOM CHORD

For load duration increase of 1.15:

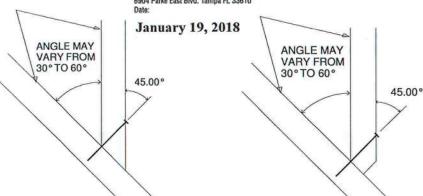
3 (nails) X 84.5 (lb/nail) X 1.15 (DOL) = 291.5 lb Maximum Capacity

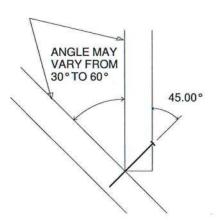






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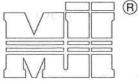


TRUSSED VALLEY SET DETAIL

MII-VALLEY HIGH WIND1

MiTek USA, Inc.

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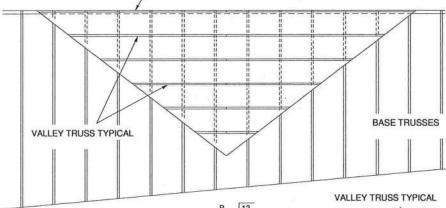


MiTek USA, Inc.

GABLE END, COMMON TRUSS OR GIRDER TRUSS

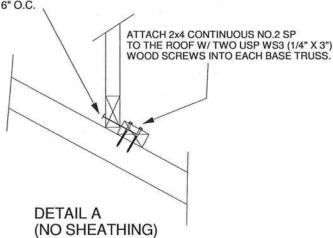
GENERAL SPECIFICATIONS

- 1. NAIL SIZE 10d (0.131" X 3")
 2. WOOD SCREW = 3" WS3 USP OR EQUIVALENT DO NOT USE DRYWALL OR DECKING TYPE SCREW
- INSTALL VALLEY TRUSSES (24" O.C. MAXIMUM) AND SECURE PER DETAIL A
- 4. BRACE VALLEY WEBS IN ACCORDANCE WITH THE INDIVIDUAL DESIGN DRAWINGS.
- 5. BASE TRUSS SHALL BE DESIGNED WITH A PURLIN SPACING
- EQUILIVANT TO THE RAKE DIMENSION OF THE VALLEY TRUSS SPACING.
- 6. NAILING DONE PER NDS 01
- 7. VALLEY STUD SPACING NOT TO EXCEED 48" O.C.



GABLE END, COMMON TRUSS OR GIRDER TRUSS 12 P SEE DETAIL A BELOW (TYP.)

SECURE VALLEY TRUSS W/ ONE ROW OF 10d NAILS 6" O.C.



N.T.S.

WIND DESIGN PER ASCE 7-98, ASCE 7-02, ASCE 7-05 146 MPH WIND DESIGN PER ASCE 7-10 160 MPH MAX MEAN ROOF HEIGHT = 30 FEET ROOF PITCH = MINIMUM 3/12 MAXIMUM 6/12 CATEGORY II BUILDING **EXPOSURE C** WIND DURATION OF LOAD INCREASE: 1.60 MAX TOP CHORD TOTAL LOAD = 50 PSF MAX SPACING = 24" O.C. (BASE AND VALLEY) MINIMUM REDUCED DEAD LOAD OF 6 PSF ON THE TRUSSES

No 39380

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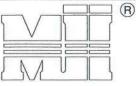
January 19, 2018

TRUSSED VALLEY SET DETAIL

MII-VALLEY HIGH WIND2

MiTek USA, Inc.

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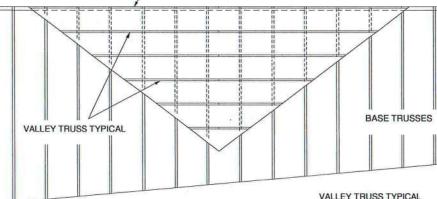
MiTek USA, Inc.

ENGINEERED REPORT

GABLE END, COMMON TRUSS OR GIRDER TRUSS

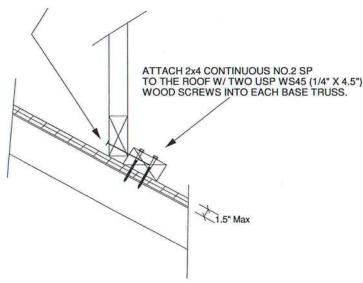
GENERAL SPECIFICATIONS

- 1. NAIL SIZE 10d (0.131" X 3") 2. WOOD SCREW = 4.5" WS45 USP OR EQUILIVANT 3. INSTALL SHEATHING TO TOP CHORD OF BASE TRUSSES.
- 4. INSTALL VALLEY TRUSSES (24" O.C. MAXIMUM) AND SECURE TO BASE TRUSSES AS PER DETAIL A 5. BRACE VALLEY WEBS IN ACCORDANCE WITH THE
- INDIVIDUAL DESIGN DRAWINGS.
- 6. NAILING DONE PER NDS-01
- 7. VALLEY STUD SPACING NOT TO EXCEED 48" O.C.



GABLE END, COMMON TRUSS VALLEY TRUSS TYPICAL OR GIRDER TRUSS SEE DETAIL A BELOW (TYP.)

SECURE VALLEY TRUSS W/ ONE ROW OF 10d NAILS 6" O.C.



WIND DESIGN PER ASCE 7-98, ASCE 7-02, ASCE 7-05 146 MPH WIND DESIGN PER ASCE 7-10 160 MPH MAX MEAN ROOF HEIGHT = 30 FEET ROOF PITCH = MINIMUM 3/12 MAXIMUM 6/12 CATEGORY II BUILDING **EXPOSURE C** WIND DURATION OF LOAD INCREASE: 1.60 MAX TOP CHORD TOTAL LOAD = 50 PSF MAX SPACING = 24" O.C. (BASE AND VALLEY) MINIMUM REDUCED DEAD LOAD OF 6 PSF ON THE TRUSSES



Thomas A. Albani PE No.39380 MITek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610

MiTek USA, Inc.

N.T.S.

(R)

MiTek USA, Inc.

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GABLE END, COMMON TRUSS

OR GIRDER TRUSS

1. NAIL SIZE 16d (0.131" X 3.5")

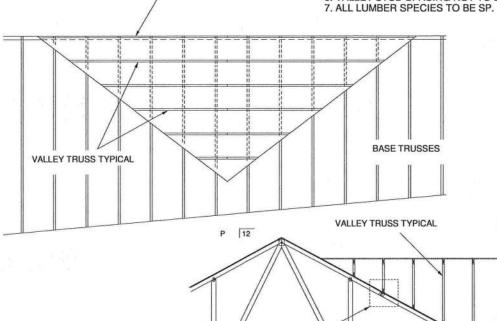
2. INSTALL VALLEY TRUSSES (24" O.C. MAXIMUM) AND SECURE PER DETAIL A

3. BRACE VALLEY WEBS IN ACCORDANCE WITH THE INDIVIDUAL DESIGN DRAWINGS.

4. BASE TRUSS SHALL BE DESIGNED WITH A PURLIN SPACING EQUILIVANT TO THE RAKE DIMENSION OF THE VALLEY TRUSS SPACING.

5. NAILING DONE PER NDS - 01

6. VALLEY STUD SPACING NOT TO EXCEED 48" O.C.



GABLE END, COMMON TRUSS OR GIRDER TRUSS SEE DETAIL A BELOW (TYP.)

SECURE VALLEY TRUSS W/ ONE ROW OF 16d NAILS 6" O.C. ATTACH 2x4 CONTINUOUS NO.2 SP TO THE ROOF W/ TWO 16d NAILS INTO EACH BASE TRUSS. **DETAIL A** (MAXIMUM 1" SHEATHING)

WIND DESIGN PER ASCE 7-98, ASCE 7-02, ASCE 7-05 120 MPH WIND DESIGN PER ASCE 7-10 150 MPH MAX MEAN ROOF HEIGHT = 30 FEET ROOF PITCH = MINIMUM 3/12 MAXIMUM 10/12 CATEGORY II BUILDING EXPOSURE C OR B WIND DURATION OF LOAD INCREASE: 1.60

MAX TOP CHORD TOTAL LOAD = 60 PSF

MAX SPACING = 24" O.C. (BASE AND VALLEY)

MINIMUM REDUCED DEAD LOAD OF 4.2 PSF

ON THE TRUSSES



Thomas A. Albani PE No.39380 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610 Date: February 12, 2018

TRUSSED VALLEY SET DETAIL MII-VALLEY **AUGUST 1, 2016** (HIGH WIND VELOCITY) Page 1 of 1 NOTE: VALLEY STUD SPACING NOT MiTek USA, Inc. R TO EXCEED 48" O.C. SPACING MiTek USA, Inc. ENGINEERED BY FOR BEVELED BOTTOM CHORD, CLIP MAY BE APPLIED TO EITHER FACE CLIP MAY BE APPLIED TO THIS FACE UP TO A MAXIMUM 6/12 PITCH ATTACH VALLEY TRUSSES TO LOWER TRUSSES WITH USP RT7 OR EQUIVALENT WIND DESIGN PER ASCE 7-98, ASCE 7-02, ASCE 7-05 146 MPH WIND DESIGN PER ASCE 7-10 160 MPH MAX MEAN ROOF HEIGHT = 30 FEET CATEGORY II BUILDING NON-BEVELED **EXPOSURE B or C BOTTOM CHORD** WIND DURATION OF LOAD INCREASE: 1.6 MAX TOP CHORD TOTAL LOAD = 50 PSF No 39380

STATE OF ONAL EMPLOYMENT OF THE OF MAX SPACING = 24" O.C. (BASE AND VALLEY) MAS A. ALBA SUPPORTING TRUSSES DIRECTLY UNDER VALLEY TRUSSES MUST BE DESIGNED WITH A MAXIMUM UNBRACED LENGTH OF NON-BEVELED 2'-10" ON AFFECTED TOP CHORDS. **BOTTOM CHORD**

CLIP MUST BE APPLIED

(MAXIMUM 12/12 PITCH)

TO THIS FACE WHEN PITCH EXCEEDS 6/12.

OH. OH.

Thomas A. Albani PE No.39380 MiTek USA, Inc. FL Cert 6634

6904 Parke East Blvd. Tampa FL 33610

January 19, 2018

NOTES:

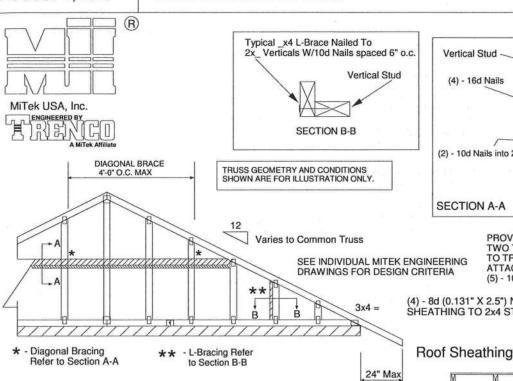
- SHEATHING APPLIED AFTER INSTALLATION OF VALLEY TRUSSES
- THIS DETAIL IS NOT APPLICABLE FOR SPF-S SPECIES LUMBER.

Standard Gable End Detail

MII-GE146-001

MiTek USA, Inc.

Page 1 of 2



Vertical Stud DIAGONAL BRACE (4) - 16d Nails 16d Nails Spaced 6" o.c. (2) - 10d Nails into 2x6 2x6 Stud or 2x4 No.2 of better Typical Horizontal Brace Nailed To 2x_ Verticals w/(4)-10d Nails **SECTION A-A** 2x4 Stud

> PROVIDE 2x4 BLOCKING BETWEEN THE FIRST TWO TRUSSES AS NOTED. TOENAIL BLOCKING TO TRUSSES WITH (2) - 10d NAILS AT EACH END. ATTACH DIAGONAL BRACE TO BLOCKING WITH (5) - 10d NAILS.

(4) - 8d (0.131" X 2.5") NAILS MINIMUM, PLYWOOD SHEATHING TO 2x4 STD SP BLOCK

NOTE:

1. MINIMUM GRADE OF #2 MATERIAL IN THE TOP AND BOTTOM CHORDS.

2. CONNECTION BETWEEN BOTTOM CHORD OF GABLE END TRUSS AND WALL TO BE PROVIDED BY PROJECT ENGINEER OR ARCHITECT.
3. BRACING SHOWN IS FOR INDIVIDUAL TRUSS ONLY. CONSULT BLDG.

ARCHITECT OR ENGINEER FOR TEMPORARY AND PERMANENT BRACING OF ROOF SYSTEM.

4. "L" BRACES SPECIFIED ARE TO BE FULL LENGTH. GRADES:

2x4 No 3/STUD SP OR BETTER WITH ONE ROW OF 10d NAILS SPACED 6" O.C. 5. DIAGONAL BRACE TO BE APPROXIMATELY 45 DEGREES TO ROOF DIAPHRAM AT 4'-0" O.C.

6. CONSTRUCT HORIZONTAL BRACE CONNECTING A 2x6 STUD AND A 2x4 STUD AS SHOWN WITH 16d NAILS SPACED 6" O.C. HORIZONTAL BRACE TO BE LOCATED AT THE MIDSPAN OF THE LONGEST STUD. ATTACH TO VERTICAL STUDS WITH (4) 10d NAILS THROUGH 2x4. (REFER TO SECTION A-A)

GABLE STUD DEFLECTION MEETS OR EXCEEDS L/240.

THIS DETAIL DOES NOT APPLY TO STRUCTURAL GABLES.

DO NOT USE FLAT BOTTOM CHORD GABLES NEXT TO SCISSOR

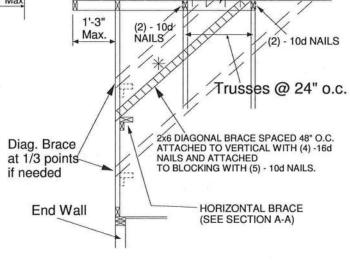
10. NAILS DESIGNATED 10d ARE (0.131" X 3") AND NAILS DESIGNATED 16d ARE (0.131" X 3.5")

Minimum Stud Size Species and Grade	Stud Spacing	Without Brace	2x4 L-Brace	DIAGONAL BRACE	2 DIAGONAL BRACES AT 1/3 POINTS		
		Maximum Stud Length					
2x4 SP No 3/Stud	12" O.C.	3-11-3	6-8-0	7-2-14	11-9-10		
2x4 SP No 3/Stud	16" O.C.	3-6-14	5-9-5	7-1-13	10-8-11		
2x4 SP No 3/Stud	24" O.C.	3-1-8	4-8-9	6-2-15	9-4-7		

Diagonal braces over 6'-3" require a 2x4 T-Brace attached to one edge. Diagonal braces over 12'-6" require 2x4 I-braces attached to both edges. Fasten T and I braces to narrow edge of web with 10d nails 8" o.c., with 3" minimum end distance. Brace must cover 90% of diagonal length.

MAXIMUM WIND SPEED = 146 MPH MAX MEAN ROOF HEIGHT = 30 FEET CATEGORY II BUILDING EXPOSURE B or C ASCE 7-98, ASCE 7-02, ASCE 7-05 DURATION OF LOAD INCREASE: 1.60

STUD DESIGN IS BASED ON COMPONENTS AND CLADDING CONNECTION OF BRACING IS BASED ON MWFRS.





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January 19, 2018

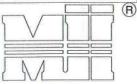
OCTOBER 5, 2016

REPLACE BROKEN OVERHANG

MII-REP13B

MiTek USA, Inc.

Page 1 of 1



MiTek USA, Inc.

ENGINEERED BY

TRUSS CRITERIA:

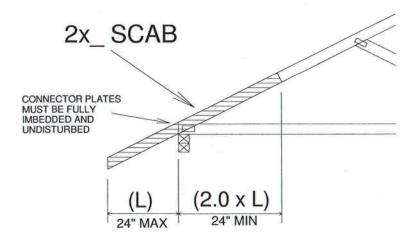
LOADING: 40-10-0-10 **DURATION FACTOR: 1.15** SPACING: 24" O.C. TOP CHORD: 2x4 OR 2x6 PITCH: 4/12 - 12/12

HEEL HEIGHT: STANDARD HEEL UP TO 12" ENERGY HEEL

END BEARING CONDITION

NOTES:

1. ATTACH 2x_ SCAB (MINIMUM NO.2 GRADE SPF, HF, SP, DF) TO ONE FACE OF TRUSS WITH TWO ROWS OF 10d (0.131" X 3") SPACED 6" O.C.
2. THE END DISTANCE, EDGE DISTANCE, AND SPACING OF NAILS SHALL BE SUCH AS TO AVOID UNUSUAL SPLITTING OF THE WOOD.
3. WHEN NAILING THE SCABS, THE USE OF A BACKUP WEIGHT IS RECOMMENDED TO AVOID LOOSENING OF THE CONNECTOR PLATES AT THE JOINTS OR SPLICES.



This detail to be used only with trusses (spans less than 40') spaced 24" o.c. maximum and having pitches between 4/12 and 12/12 and total top chord loads not exceeding 50 psf. Trusses not fitting these criteria should be examined individually.

REFER TO INDIVIDUAL TRUSS DESIGN FOR PLATE SIZES AND LUMBER GRADES



Thomas A. Albani PE No.39380 MiTek USA, Inc. FL Cert 6634 6904 Parke East Blvd. Tampa FL 33610 Date:

LATERAL BRACING RECOMMENDATIONS

MII-STRGBCK

MiTek USA, Inc.

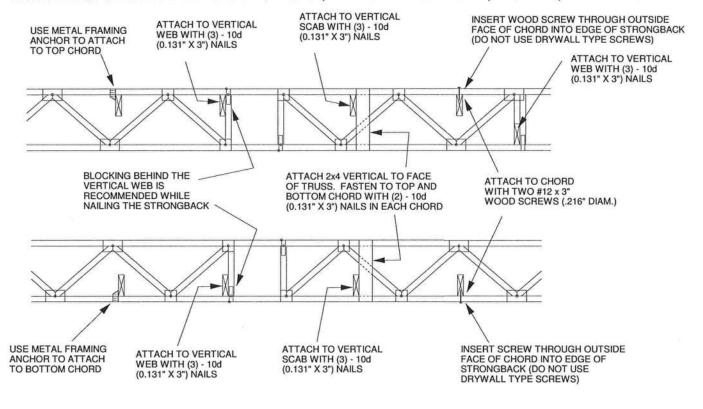
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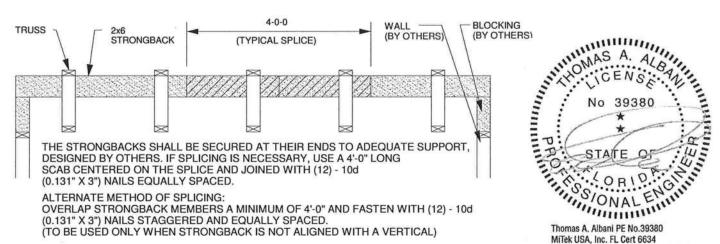


TO MINIMIZE VIBRATION COMMON TO ALL SHALLOW FRAMING SYSTEMS, 2x6 "STRONGBACK" IS RECOMMENDED, LOCATED EVERY 8 TO 10 FEET ALONG A FLOOR TRUSS.

NOTE 1: 2X6 STRONGBACK ORIENTED VERTICALLY MAY BE POSITIONED DIRECTLY UNDER THE TOP CHORD OR DIRECTLY ABOVE THE BOTTOM CHORD. SECURELY FASTENED TO THE TRUSS USING ANY OF THE METHODS ILLUSTRATED BELOW.

NOTE 2: STRONGBACK BRACING ALSO SATISFIES THE LATERAL BRACING REQUIREMENTS FOR THE BOTTOM CHORD OF THE TRUSS WHEN IT IS PLACED ON TOP OF THE BOTTOM CHORD, IS CONTINUOUS FROM END TO END, CONNECTED WITH A METHOD OTHER THAN METAL FRAMING ANCHOR, AND PROPERLY CONNECTED, BY OTHERS, AT THE ENDS.





6904 Parke East Blvd. Tampa FL 33610 Date: February 12, 2018

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MITEK PLATE APPROVAL #'S 2197.2-2197.4, BOISE EWP PRODUCT #'S LVL FL1644-R2, BCI JOISTS FL1392-R2 64-00-00 C101 T17 T14 T112 T16 T13 105 **E01** CJ01 CJ03 TOIG T02 (2) T01 (6) T03 (4) CJ05 21-00-00 AHU 1-02-04 1-02-04 BEARING 13-06-00 E)01 (5) 6-00-00 14-08-00 10-00-00 CJ05 CJ05 7-00-9 CJ03 CJ03 CJ01 C105 C)01 C103 CJ05 C103 C01 16-00-00 28-06-00

THE ARROW HEAD AT THE END OF THE TRUSS ON THE TRUSS ON THE TRUSS PLACEMENT PLAN (LAYOUT)

PLAN (LAYOUT)

CORRESPONDS WITH THE LEFT SIDE OF THE NDIVIDUAL TRUSS DRAWING, USE THIS AS AN DRIENTATION GUIDE WHEN SETTING THE TRUSSES ON THE TRUSTERS ON THE

TRUCTURE.

Per ANS/ITPI 1-2002 all "Truss to Wall" connections are the responsibility of the Building Designer, not the Fruss Manufecturer.

Use Manufecturer's specifications for all hanger connections unless noted otherwise.

Trusses are to be 24°0.c, U.N.O.

All hangers are to be 25 impson or equivalent U.N.O.

Use 10d x 1 12" Nails in hanger connections to single ply girder trusses. ral Notes:

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

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 lumb 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 type of items.

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 ongineer, 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.

FIRSTSOURCE Builders

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

Jacksonville PHONE: 904-772-6100 FAX: 904-772-1973 Tallahassee PHONE: 850-576-5177

egal Addres GIEBEIG CONST

Lot 7 Crosswinds

1676 L riginal Ref#:

5-11-22 Floor 2 Job#: N/A Drawn By:
KLH 3163303 3163303 oof Job #:

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