



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

RE: 3163304 - GIEBEIG - LOT 8 CW

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

Site Information:

Customer Info: GIEBEIG CONST. Project Name: Spec Hse Model: 1595
Lot/Block: 8 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 Design Program: MiTek 20/20 8.5
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 25 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T27693417	CJ01	5/12/22	23	T27693439	T14	5/12/22
2	T27693418	CJ03	5/12/22	24	T27693440	T15	5/12/22
3	T27693419	CJ05	5/12/22	25	T27693441	T16	5/12/22
4	T27693420	CJ07	5/12/22				
5	T27693421	EJ01	5/12/22				
6	T27693422	EJ02	5/12/22				
7	T27693423	HJ10	5/12/22				
8	T27693424	HJ11	5/12/22				
9	T27693425	T01	5/12/22				
10	T27693426	T01G	5/12/22				
11	T27693427	T02	5/12/22				
12	T27693428	T03	5/12/22				
13	T27693429	T04	5/12/22				
14	T27693430	T05	5/12/22				
15	T27693431	T06	5/12/22				
16	T27693432	T07	5/12/22				
17	T27693433	T08	5/12/22				
18	T27693434	T09	5/12/22				
19	T27693435	T10	5/12/22				
20	T27693436	T11	5/12/22				
21	T27693437	T12	5/12/22				
22	T27693438	T13	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: O'Regan, 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
Date:

May 12, 2022

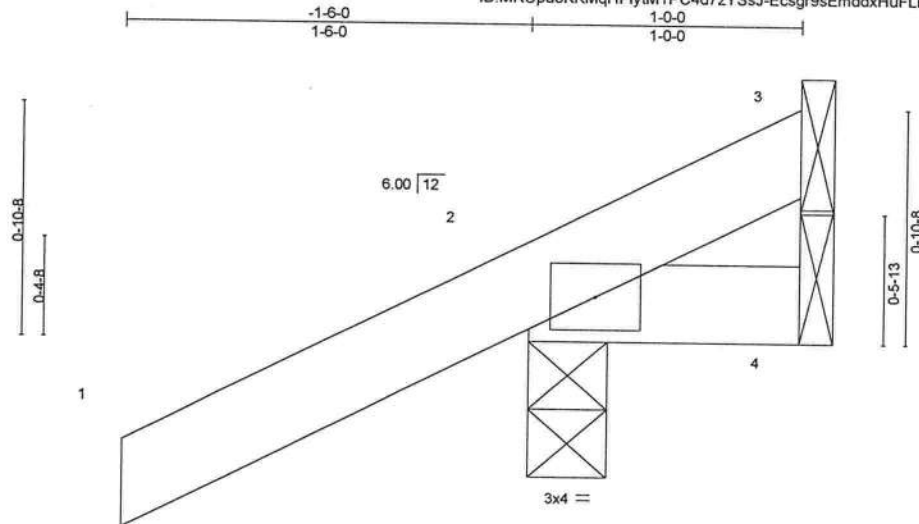
O'Regan, Philip

1 of 1

Job 3163304	Truss CJ01	Truss Type Jack-Open	Qty 8	Ply 1	GIEBEIG - LOT 8 CW	T27693417
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Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:41:43 2022 Page 1
ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-Ecsgr9sEmddxHuFLMXSxB9YZ016JF1uKrqy2m1zHY66



Scale = 1:8.2

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.14	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.03	Vert(CT)	0.00	7	>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-

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

BRACING-

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

REACTIONS.

(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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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 trusses and truss systems, see

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



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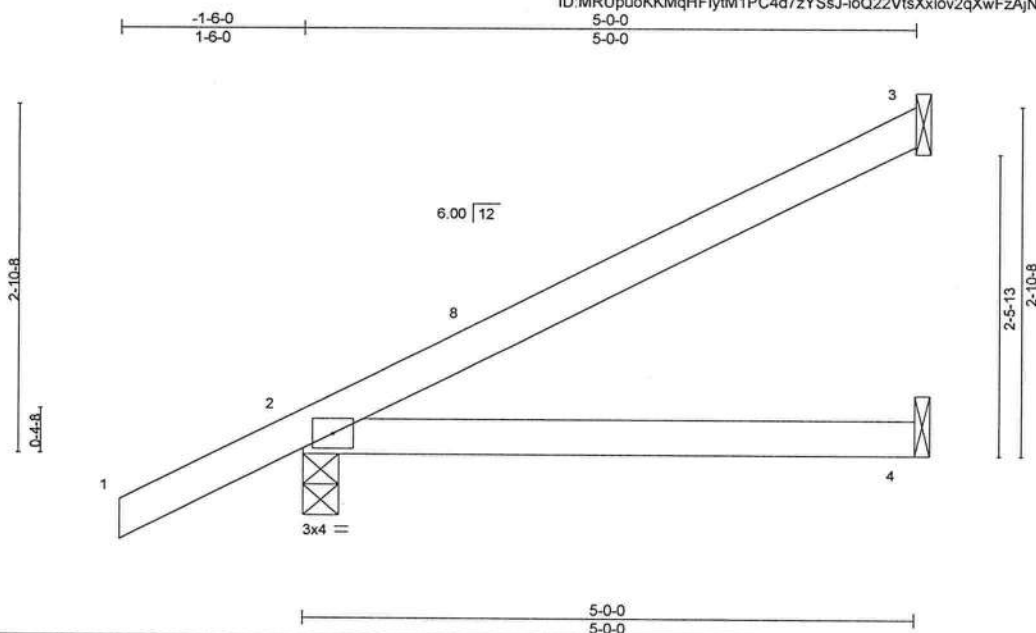
Job	Truss	Truss Type	Qty	Ply	GIEBEIG - LOT 8 CW	T27693419
3163304	CJ05	Jack-Open	8	1		

Builders FirstSource (Lake City, FL),

Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:41:44 2022 Page 1

ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-icQ22VtsXxlov2qXwFzAjN5IXQPG_1BT4UibJUzHY65



Scale = 1:18.2

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.28	Vert(LL)	0.03	4-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.24	Vert(CT)	-0.05	4-7	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code 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 Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD 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
- 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.



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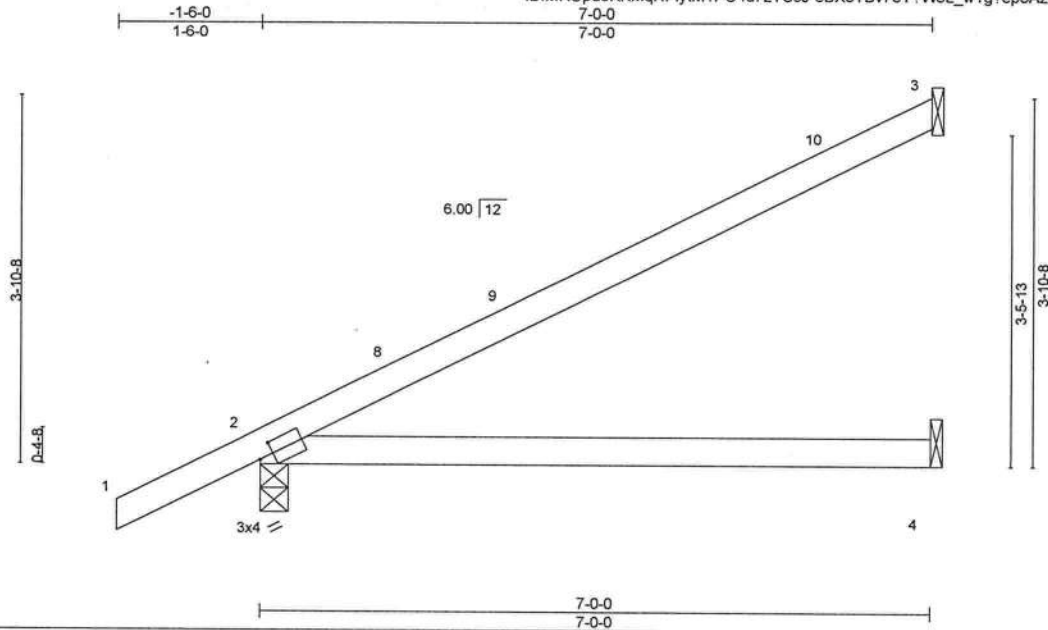
Job	Truss	Truss Type	Qty	Ply	GIEBEIG - LOT 8 CW	T27693421
3163304	EJ01	Jack-Partial	26	1		

Builders FirstSource (Lake City, FL),

Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:41:46 2022 Page 1

ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-eBXoTBv73Y?WBL_w1g?epoAzbE?PSfdmYoBiNMzHY63



Scale = 1:23.2

Plate Offsets (X,Y)-- [2-0-1-13,0-1-8]

LOADING (psf)	SPACING-		CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	2-0-0	TC 0.63	Vert(LL)	0.10	4-7	>794	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.51	Vert(CT)	-0.22	4-7	>385	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS							
									Weight: 25 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS.

(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)
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-

- 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;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.



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May 12,2022

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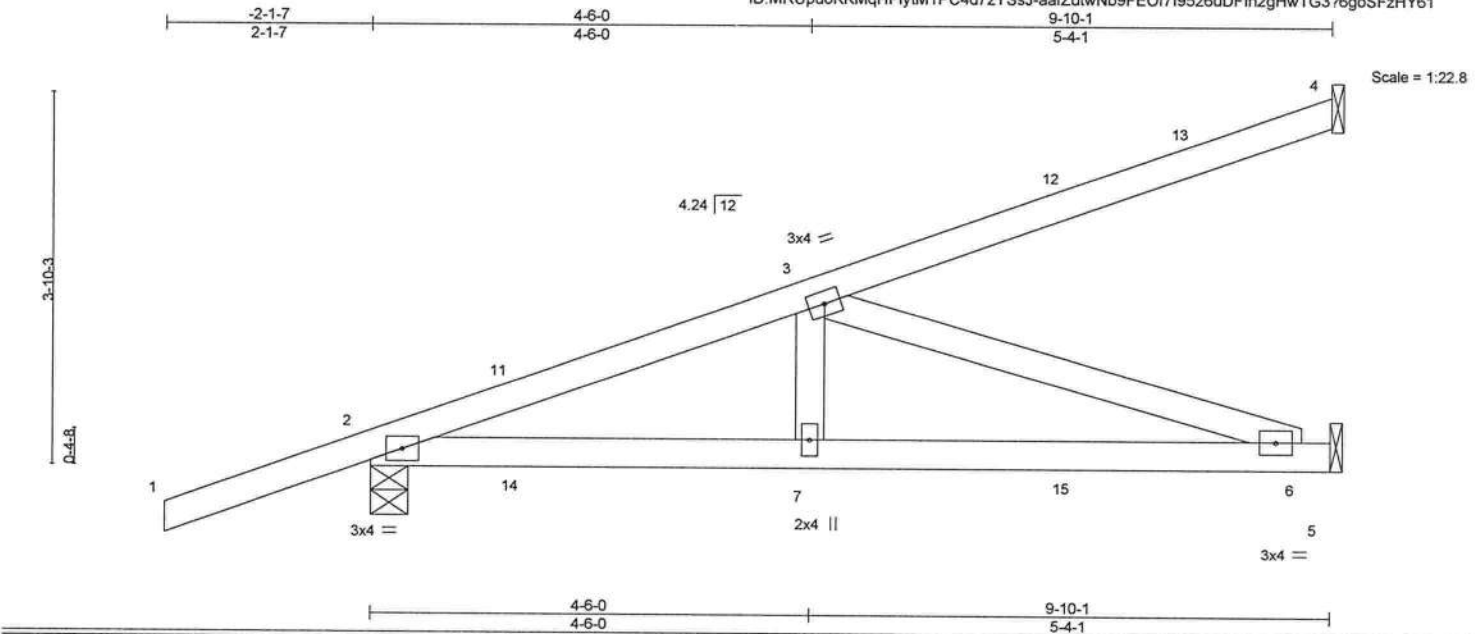


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Tampa, FL 33610

Job 3163304	Truss HJ10	Truss Type Diagonal Hip Girder	Qty 3	Ply 1	GIEBEIG - LOT 8 CW	T27693423
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Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:41:48 2022 Page 1
ID:MRUpuoKKMqHFIytM1PC4d7zYSsJ-aafZutwNb9FEO7I9526uDFIn2gHwTG376goSFzHY61



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.58	Vert(LL)	0.06	6-7	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.62	Vert(CT)	-0.12	6-7	>992	180		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.44	Horz(CT)	0.01	5	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS							
									Weight: 43 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-2-14 oc bracing.

REACTIONS.

(size) 4=Mechanical, 2=0-4-9, 5=Mechanical
Max Horz 2=149(LC 22)
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. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) 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-

- 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
- Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
- 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.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=298, 5=142.
- 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.
- 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

- 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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Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	GIEBEIG - LOT 8 CW	T27693425
3163304	T01	Common	10	1		

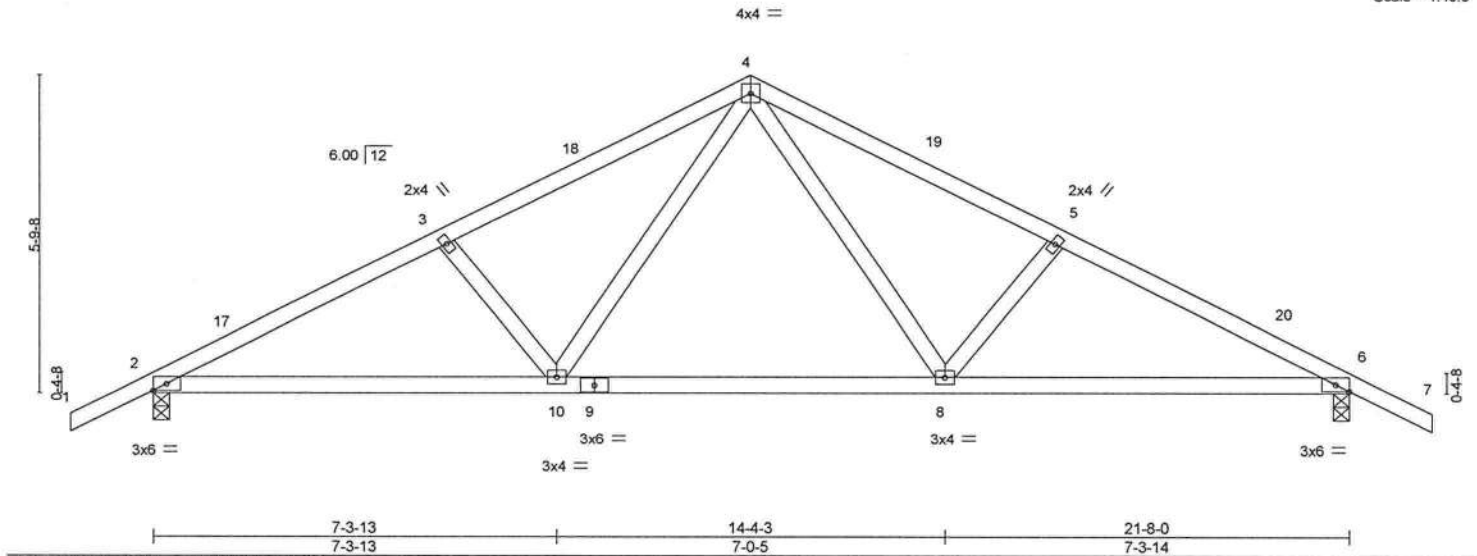
Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:41:50 2022 Page 1

ID:MRUpuoKKMqHFlytM1PC4d7zYsSj-XynJJZyd7nVydZHHGW4azeLgMrGkOPMMSQ9vW7zHY6?

-1-6-0	5-3-14	10-10-0	16-4-2	21-8-0	23-2-0
1-6-0	5-3-14	5-6-2	5-6-2	5-3-14	1-6-0

Scale = 1:40.3



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.45	Vert(LL)	-0.19	8-10	>999	MT20	244/190
TCDL 7.0	Plate Grip DOL 1.25	BC 1.00	Vert(CT)	-0.38	8-10	>686		
BCLL 0.0 *	Lumber DOL 1.25	WB 0.27	Horz(CT)	0.05	6	n/a		
BCDL 10.0	Rep Stress Incr NO	Matrix-MS						
	Code FBC2020/TPI2014						Weight: 102 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 4-0-0 oc purlins.
BOT CHORD 2x4 SP No.2	BOT CHORD Rigid ceiling directly applied or 9-3-2 oc bracing.
WEBS 2x4 SP No.3	

REACTIONS.	(size) 2=0-3-8, 6=0-3-8
	Max Horz 2=-92(LC 13)
	Max Uplift 2=-256(LC 12), 6=-256(LC 13)
	Max Grav 2=1093(LC 1), 6=1093(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-1891/520, 3-4=-1724/510, 4-5=-1724/510, 5-6=-1891/520
BOT CHORD	2-10=-393/1643, 8-10=-193/1099, 6-8=-393/1643
WEBS	4-8=-193/717, 5-8=-277/176, 4-10=-193/717, 3-10=-277/176

- 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 10-10-0, Exterior(2R) 10-10-0 to 13-10-0, Interior(1) 13-10-0 to 23-2-0 zone; 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.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=256, 6=256.
 - 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, 8-10=-80(F=-60), 8-14=-20



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May 12,2022

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6904 Parke East Blvd.
Tampa, FL 33610

Job 3163304	Truss T02	Truss Type Half Hip Girder	Qty 1	Ply 2	GIEBEIG - LOT 8 CW	T27693427
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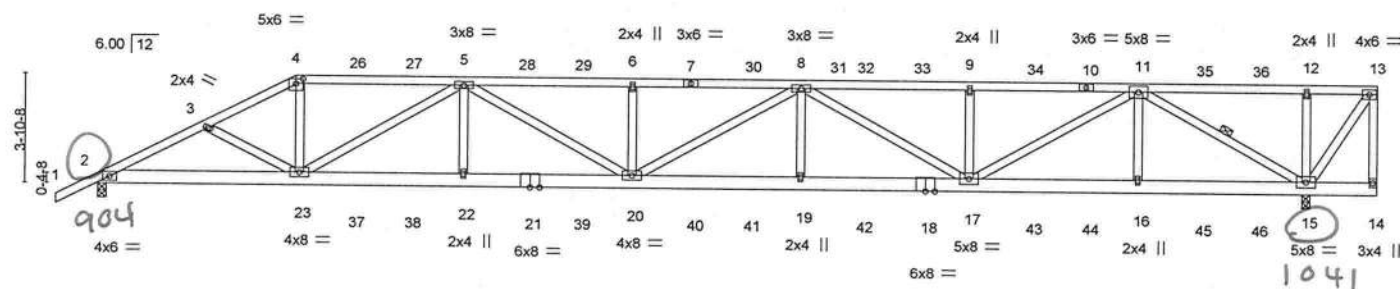
Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:42:00 2022 Page 1

ID:MRUpuoKKMqHfYtM1PC4d7zYSsJ-EtO5Pz3vmrmXqV2cscFwNkIJtGkpGqm_aRsYzHY5r

1-6-0	3-10-15	7-0-0	12-11-10	18-11-4	24-10-14	30-10-8	36-10-2	42-9-12	45-4-0
1-6-0	3-10-15	3-1-1	5-11-10	5-11-10	5-11-10	5-11-10	5-11-10	5-11-10	2-6-4

Scale = 1:78.9



7-0-0	12-11-10	18-11-4	24-10-14	30-10-8	36-10-2	42-9-12	45-4-0
7-0-0	5-11-10	5-11-10	5-11-10	5-11-10	5-11-10	5-11-10	0-7-12 2-4-8

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

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.87	Vert(LL) -0.50	19-20	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.97	Vert(CT) -0.94	19-20	>547	180		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.76	Horz(CT) 0.17	15	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014	Matrix-MS						
							Weight: 566 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-0-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 11-15

REACTIONS.

(size) 2=0-3-8, 15=0-3-8
Max Horz 2=143(LC 27)
Max Uplift 2=904(LC 8), 15=1041(LC 5)
Max Grav 2=3250(LC 1), 15=3957(LC 1)

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

TOP CHORD 2-3=-6693/1859, 3-4=-6553/1823, 4-5=-5948/1683, 5-6=-10423/2787, 6-8=-10423/2787, 8-9=-8435/2232, 9-11=-8435/2232
BOT CHORD 2-23=-1735/5940, 22-23=-2449/9024, 20-22=-2449/9024, 19-20=-2738/10290, 17-19=-2738/10290, 16-17=-1322/5005, 15-16=-1322/5005
WEBS 4-23=-583/2462, 5-23=-3628/952, 5-22=0/502, 5-20=-404/1657, 6-20=-626/326, 8-19=0/515, 8-17=-2151/624, 9-17=-636/330, 11-17=-1055/3976, 11-16=0/480, 11-15=-5846/1545, 12-15=-571/284

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=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
- 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.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=904, 15=1041.



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

May 12, 2022

Continued on page 2

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6904 Parke East Blvd.
Tampa, FL 36610

Job 3163304	Truss T03	Truss Type Half Hip	Qty 1	Ply 1	GIEBEIG - LOT 8 CW	T27693428
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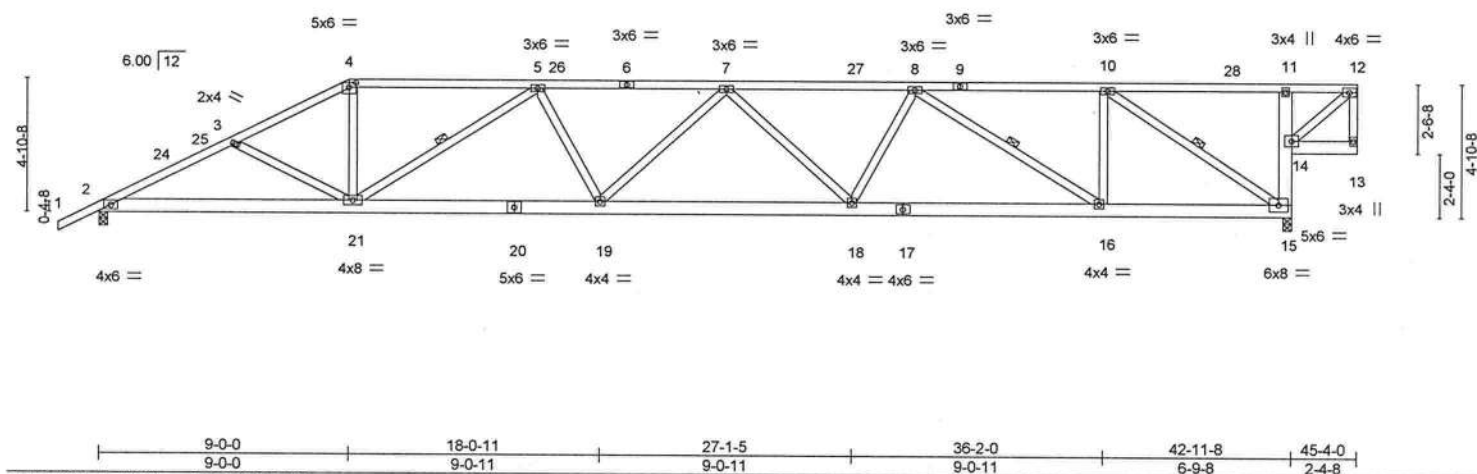
Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:42:02 2022 Page 1

ID:MRUpucKKMqHfYtM1PC4d7zYSsJ-AGVsqf59IT0F3pC7z1IOS9qhlhRcCix7DH3YwRzHY5p

1-6-0	4-10-15	9-0-0	15-9-8	22-7-0	29-4-8	36-2-0	42-11-8	45-4-0
1-6-0	4-10-15	4-1-1	6-9-8	6-9-8	6-9-8	6-9-8	6-9-8	2-4-8

Scale = 1:80.3



LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.68	Vert(LL) -0.30	18-19	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.68	Vert(CT) -0.57	18-19	>897	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.81	Horz(CT) 0.14	15	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014	Matrix-MS						
							Weight: 280 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-7-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-21, 8-16, 10-15

REACTIONS.

(size) 2=0-3-8, 15=0-3-8
Max Horz 2=178(LC 12)
Max Uplift 2=-409(LC 12), 15=-470(LC 9)
Max Grav 2=1658(LC 1), 15=1767(LC 1)

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

TOP CHORD 2-3=-3108/764, 3-4=-2869/688, 4-5=-2550/650, 5-7=-3639/924, 7-8=-3452/886, 8-10=-1967/516
BOT CHORD 2-21=-785/2753, 19-21=-918/3510, 18-19=-993/3727, 16-18=-861/3220, 15-16=-516/1967, 14-15=-360/133, 11-14=-278/132
WEBS 3-21=-266/160, 4-21=-186/986, 5-21=-1230/389, 5-19=-30/368, 7-18=-387/231, 8-18=-121/543, 8-16=-1503/414, 10-16=-174/985, 10-15=-2377/616

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 3-0-6, Interior(1) 3-0-6 to 9-0-0, Exterior(2R) 9-0-0 to 15-4-15, Interior(1) 15-4-15 to 45-2-4 zone; 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.
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=409, 15=470.



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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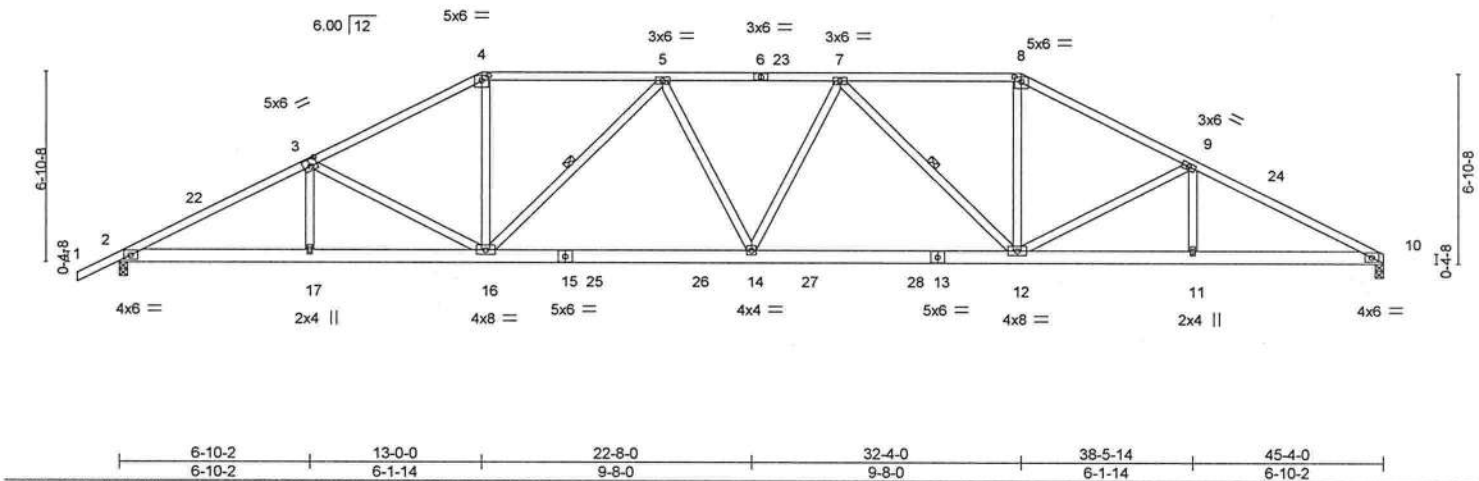
Job 3163304	Truss T05	Truss Type Hip	Qty 1	Ply 1	GIEBEIG - LOT 8 CW	T27693430
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Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:42:04 2022 Page 1
ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-6fdcFL7Pq4GzJ7MN5SKsXaw14U4NgfzQgbYf7JzHY5n

1-6-0	6-10-2	13-0-0	19-5-15	25-10-1	32-4-0	38-5-14	45-4-0
1-6-0	6-10-2	6-1-14	6-5-15	6-4-1	6-5-15	6-1-14	6-10-2

Scale = 1:79.8



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.25	TC 0.63	Vert(LL)	-0.33 12-14	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL	1.25	BC 0.78	Vert(CT)	-0.57 12-14	>961	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.58	Horz(CT)	0.16 10	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014		Matrix-MS					Weight: 275 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD 2x6 SP No.2	BOT CHORD Rigid ceiling directly applied or 9-0-0 oc bracing.
WEBS 2x4 SP No.3	WEBS 1 Row at midpt 5-16, 7-12

REACTIONS.	(size) 10=0-3-8, 2=0-3-8
	Max Horz 2=119(LC 12)
	Max Uplift 10=362(LC 13), 2=395(LC 12)
	Max Grav 10=1846(LC 2), 2=1915(LC 2)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=3654/705, 3-4=3088/599, 4-5=2725/577, 5-7=3327/654, 7-8=2727/579, 8-9=3091/602, 9-10=3667/715
BOT CHORD	2-17=656/3223, 16-17=656/3226, 14-16=544/3222, 12-14=520/3223, 11-12=568/3235, 10-11=568/3235
WEBS	3-17=0/263, 3-16=601/237, 4-16=136/1100, 5-16=795/241, 5-14=63/311, 7-14=62/310, 7-12=794/240, 8-12=142/1103, 9-12=610/245, 9-11=0/266

- 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 3-0-6, Interior(1) 3-0-6 to 13-0-0, Exterior(2R) 13-0-0 to 19-5-15, Interior(1) 19-5-15 to 32-4-0, Exterior(2R) 32-4-0 to 38-5-14, Interior(1) 38-5-14 to 45-4-0 zone; 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.
 - Provide adequate drainage to prevent water ponding.
 - 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=362, 2=395.



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6904 Parke East Blvd. Tampa FL 33610
Date:

May 12,2022

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6904 Parke East Blvd.
Tampa, FL 33610

Job 3163304	Truss T07	Truss Type Roof Special	Qty 1	Ply 1	GIEBEIG - LOT 8 CW	T27693432
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Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:42:08 2022 Page 1
ID:MRUpuoKKMqHFlytM1PC4d7zYsJ-7Qs74iAwJmOnkf8KIPoiQ4eK6QbcQ50bDWs85zHY5j

1-6-0 1-6-0	6-7-4 6-7-4	11-4-4 4-9-0	17-0-0 5-7-12	22-4-0 5-4-0	25-1-8 2-9-8	31-1-8 6-0-0	38-1-9 7-0-1	45-4-0 7-2-7
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Scale = 1:81.5

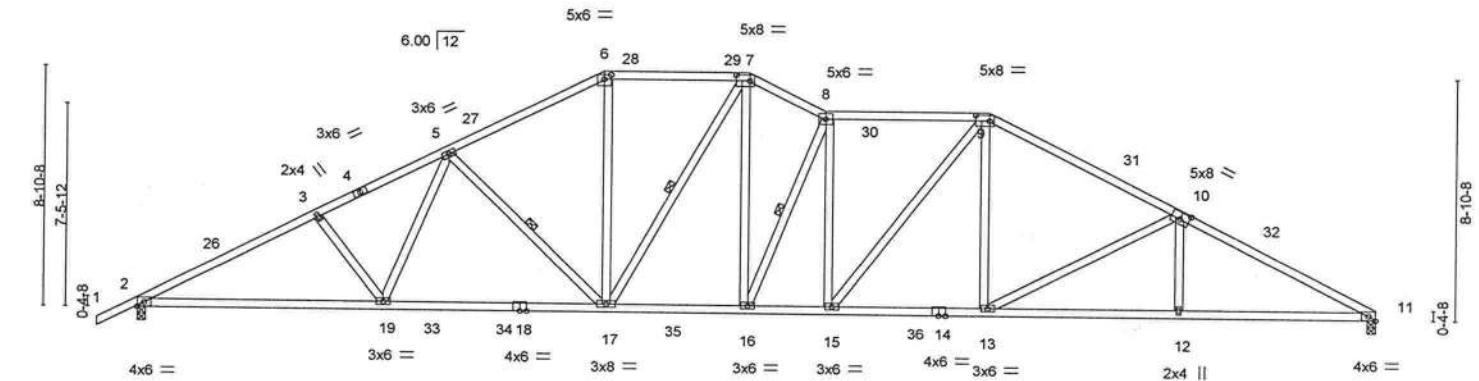


Plate Offsets (X,Y) -	[6:0-3-0,0-2-0], [7:0-6-0,0-2-8], [9:0-6-0,0-2-8], [10:0-4-0,0-3-0]
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LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.25	TC 0.93	Vert(LL) -0.32	13-15	>999	240	MT20	244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.96	Vert(CT) -0.55	17-19	>993	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.83	Horz(CT) 0.19	11	n/a	n/a		
BCDL 10.0	Code FBC2020/TPI2014	Matrix-MS						
							Weight: 270 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
2-18: 2x4 SP M 31
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-17, 7-17, 8-16

REACTIONS. (size) 2=0-3-8, 11=0-3-8
Max Horz 2=149(LC 12)
Max Uplift 2=342(LC 12), 11=360(LC 13)
Max Grav 2=1923(LC 2), 11=1845(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3559/735, 3-5=-3399/732, 5-6=-2674/659, 6-7=-2353/633, 7-8=-2781/716,
8-9=-2924/729, 9-10=-2944/680, 10-11=-3588/751
BOT CHORD 2-19=-611/3135, 17-19=-525/2780, 16-17=-416/2486, 15-16=-527/2929, 13-15=-437/2575,
12-13=-603/3166, 11-12=-604/3159
WEBS 3-19=-278/170, 5-19=-96/579, 5-17=-626/249, 6-17=-140/933, 7-17=-394/136,
7-16=-291/1274, 8-16=-1228/335, 8-15=-308/134, 9-15=-139/560, 9-13=-75/576,
10-13=-681/262, 10-12=0/293

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 3-0-6, Interior(1) 3-0-6 to 17-0-0, Exterior(2R) 17-0-0 to 21-6-6, Interior(1) 21-6-6 to 22-4-0, Exterior(2E) 22-4-0 to 25-1-8, Interior(1) 25-1-8 to 31-1-8, Exterior(2R) 31-1-8 to 35-7-14, Interior(1) 35-7-14 to 45-4-0 zone; 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.
- Provide adequate drainage to prevent water ponding.
- 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=342, 11=360.



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6904 Parke East Blvd. Tampa FL 33610
Date:

May 12, 2022

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6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	GIEBEIG - LOT 8 CW	T27693433
3163304	T08	Hip Girder	1	2	Job Reference (optional)	

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

8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:42:13 2022 Page 2
ID:MRUpuoKKMqHFlytM1PC4d7zYSsJ-MOg08QD3irPhuVY66r_zPUoUW76GHidIVEdplzHY5e

NOTES-

- 10) 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 9-0-12, 97 lb down and 77 lb up at 11-0-12, 97 lb down and 77 lb up at 13-0-12, 97 lb down and 77 lb up at 15-0-12, 97 lb down and 77 lb up at 17-0-12, 97 lb down and 74 lb up at 19-0-12, 97 lb down and 74 lb up at 20-3-4, 97 lb down and 77 lb up at 22-3-4, 97 lb down and 77 lb up at 24-3-4, 97 lb down and 77 lb up at 26-3-4, 110 lb down and 90 lb up at 28-3-4, and 110 lb down and 90 lb up at 30-3-4, and 230 lb down and 173 lb up at 32-4-0 on top chord, and 335 lb down and 174 lb up at 7-0-0, 86 lb down at 9-0-12, 78 lb down and 32 lb up at 13-0-12, 78 lb down and 32 lb up at 15-0-12, 78 lb down and 32 lb up at 17-0-12, 78 lb down and 32 lb up at 19-0-12, 78 lb down and 32 lb up at 20-3-4, 78 lb down and 32 lb up at 22-3-4, 78 lb down and 32 lb up at 24-3-4, 78 lb down and 32 lb up at 26-5-12, 86 lb down at 28-3-4, and 86 lb down at 30-3-4, and 335 lb down and 174 lb up at 32-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-4=-54, 4-11=-54, 11-14=-54, 2-21=-20, 17-20=-20, 13-16=-20

Concentrated Loads (lb)

Vert: 4=-110(F) 8=-97(F) 11=-182(F) 6=-97(F) 10=-97(F) 17=-77(F) 15=-335(F) 28=-110(F) 29=-97(F) 30=-97(F) 31=-97(F) 33=-97(F) 34=-97(F) 35=-97(F) 36=-110(F) 37=-110(F) 38=-335(F) 39=-64(F) 40=-77(F) 41=-77(F) 42=-77(F) 43=-77(F) 44=-77(F) 45=-77(F) 46=-77(F) 47=-64(F) 48=-64(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



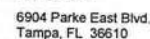
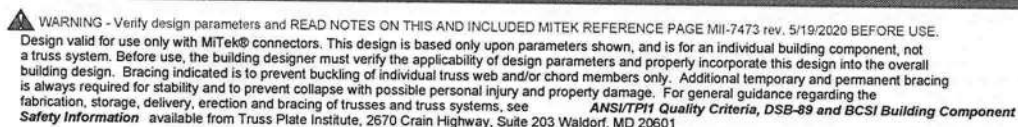
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8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:42:16 2022 Page 1
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	8-1-12	11-3-8	18-9-12	26-4-0	28-4-0	37-4-0
Plate Offsets (X,Y)→	8-1-12	3-1-12	7-6-4	7-6-4	2-0-0	9-0-0
	[4:0-10-0,0-2-8], [8:0-6-0,0-2-8], [14:0-6-0,0-2-8], [16:0-6-0,0-2-8]					

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.2	TOP CHORD	Structural wood sheathing directly applied or 3-11-4 oc purlins,
BOT CHORD	2x4 SP No.2 *Except*		except end verticals.
	4-17,7-13; 2x4 SP No.3	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	2x4 SP No.3	WEBS	1 Row at midpt 7-15

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDF=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 2-2-13, Interior(1) 2-2-13 to 11-0-0, Exterior(2R) 11-0-0 to 16-3-6, Interior(1) 16-3-6 to 28-4-0, Exterior(2R) 28-4-0 to 33-7-6, Interior(1) 33-7-6 to 37-2-4 zone; porch left 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) 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=161, 18=405, 11=238.



Job 3163304	Truss T12	Truss Type Hip	Qty 1	Ply 1	GIEBEIG - LOT 8 CW	T27693437
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Builders FirstSource (Lake City, FL), Lake City, FL - 32055,

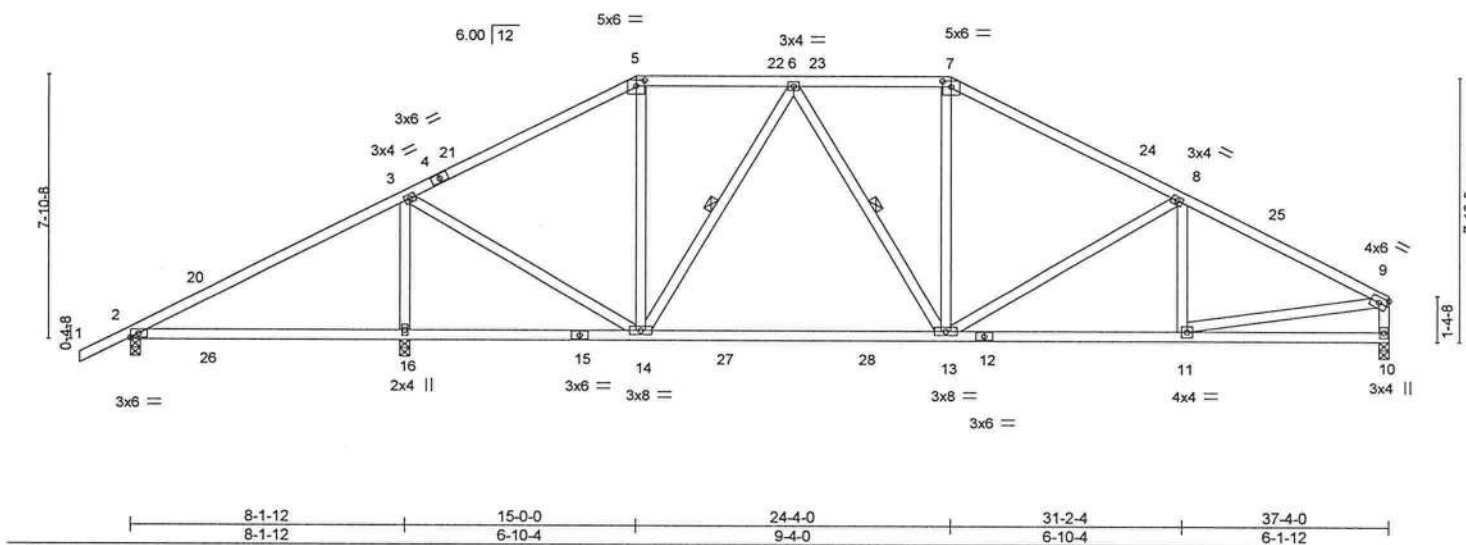
8.530 s Dec 6 2021 MiTek Industries, Inc. Wed May 11 14:42:19 2022 Page 1

ID:MRUpuoKKMqHfYm1PC4d7zYSsJ-AX1HOTiqHh9qcQ?GT55Nel1ZzXBShtAd7Rhx1yzHY5Y

Job Reference (optional)

-1-6-0 1-6-0	8-1-12 8-1-12	15-0-0 6-10-4	19-8-0 4-8-0	24-4-0 4-8-0	31-2-4 6-10-4	37-4-0 6-1-12
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Scale = 1:66.0



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	20.0	Plate Grip DOL	1.25	TC	0.71	Vert(LL)	0.26 16-19 >383 240	MT20		244/190	
TCDL	7.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	0.21 16-19 >468 180				
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.03 10 n/a n/a				
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							
								Weight: 210 lb		FT = 20%	

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-5-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-14, 6-13

REACTIONS.

(size) 2=0-3-8, 16=0-3-8, 10=0-3-8
Max Horz 2=155(LC 12)
Max Uplift 2=86(LC 9), 16=324(LC 12), 10=242(LC 13)
Max Grav 2=322(LC 23), 16=1646(LC 2), 10=1140(LC 2)

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

TOP CHORD 3-5=954/255, 5-6=782/257, 6-7=1118/322, 7-8=1319/317, 8-9=1588/348, 9-10=1039/256
BOT CHORD 13-14=132/1013, 11-13=257/1376
WEBS 3-16=1354/347, 3-14=102/1020, 6-14=501/160, 6-13=63/251, 7-13=31/334, 8-13=330/184, 9-11=229/1281

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 2-2-13, Interior(1) 2-2-13 to 15-0-0, Exterior(2R) 15-0-0 to 20-3-6, Interior(1) 20-3-6 to 24-4-0, Exterior(2R) 24-4-0 to 29-7-6, Interior(1) 29-7-6 to 37-2-4 zone; porch left 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.
- Provide adequate drainage to prevent water ponding.
- 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.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 16=324, 10=242.



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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