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

RE: 2845635 - IC CONST - GOMEZ RES.

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

Site Information:

Customer Info: IC Construction Project Name: Gomez Res. Model: Custom
Lot/Block: 77 Subdivision: The Oaks
Address: TBD, TBD
City: Columbia Cty State: FL

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

Name: License #:
Address:
City: State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

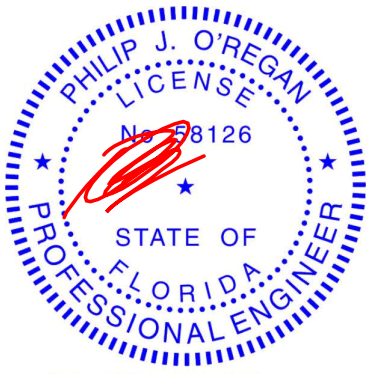
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 49 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	T24511347	CJ01	6/29/21	23	T24511369	T07	6/29/21
2	T24511348	CJ03	6/29/21	24	T24511370	T08	6/29/21
3	T24511349	CJ05	6/29/21	25	T24511371	T09	6/29/21
4	T24511350	CJ05A	6/29/21	26	T24511372	T10	6/29/21
5	T24511351	CJ05B	6/29/21	27	T24511373	T11	6/29/21
6	T24511352	EJ01	6/29/21	28	T24511374	T12	6/29/21
7	T24511353	EJ02	6/29/21	29	T24511375	T13	6/29/21
8	T24511354	EJ03	6/29/21	30	T24511376	T14	6/29/21
9	T24511355	EJ04	6/29/21	31	T24511377	T15	6/29/21
10	T24511356	HJ04	6/29/21	32	T24511378	T16	6/29/21
11	T24511357	HJ05	6/29/21	33	T24511379	T17	6/29/21
12	T24511358	HJ10	6/29/21	34	T24511380	T18	6/29/21
13	T24511359	PB01	6/29/21	35	T24511381	T19	6/29/21
14	T24511360	PB02	6/29/21	36	T24511382	T20	6/29/21
15	T24511361	PB03	6/29/21	37	T24511383	T21	6/29/21
16	T24511362	PB04	6/29/21	38	T24511384	T22	6/29/21
17	T24511363	T01	6/29/21	39	T24511385	T23	6/29/21
18	T24511364	T02	6/29/21	40	T24511386	T24	6/29/21
19	T24511365	T03	6/29/21	41	T24511387	T25	6/29/21
20	T24511366	T04	6/29/21	42	T24511388	T26	6/29/21
21	T24511367	T05	6/29/21	43	T24511389	T27	6/29/21
22	T24511368	T06	6/29/21	44	T24511390	T28	6/29/21

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.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 29,2021

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.

RE: 2845635 - IC CONST - GOMEZ RES.

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

Site Information:

Customer Info: IC Construction Project Name: Gomez Res. Model: Custom
Lot/Block: 77 Subdivision: The Oaks
Address: TBD, TBD
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T24511391	T29	6/29/21
46	T24511392	T30	6/29/21
47	T24511393	T31	6/29/21
48	T24511394	T32	6/29/21
49	T24511395	T33	6/29/21

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	CJ01	Jack-Open	24	1	T24511347 Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:44 2021 Page 1
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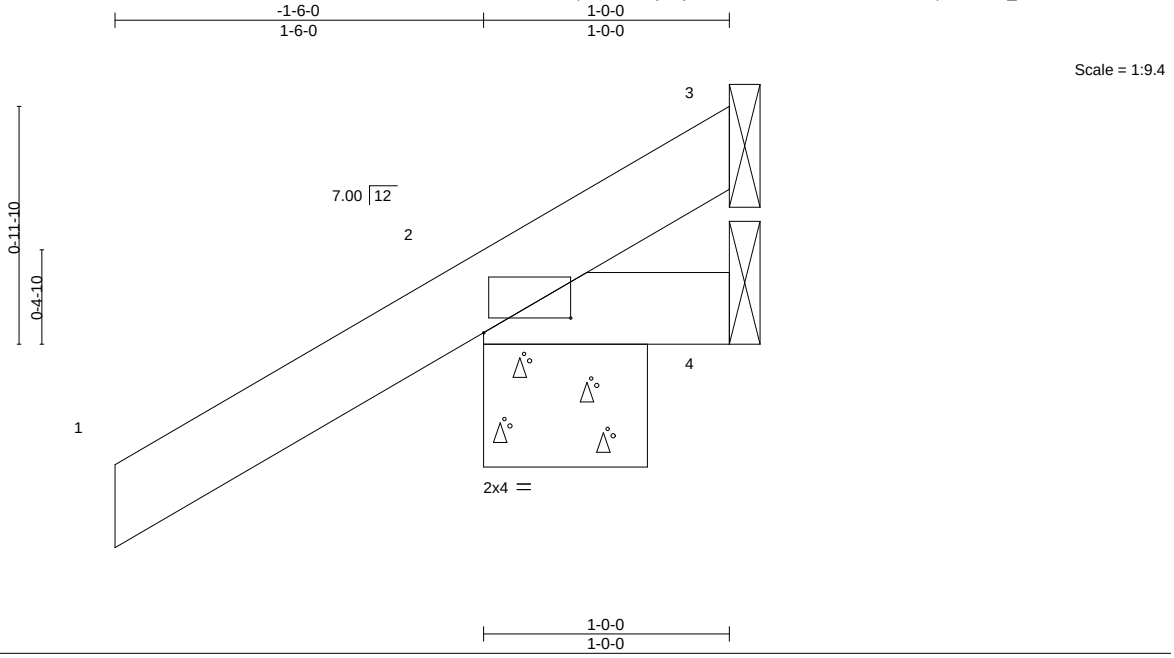


Plate Offsets (X,Y)-- [2:0-4-4,0-0-12]

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	0.16	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	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%

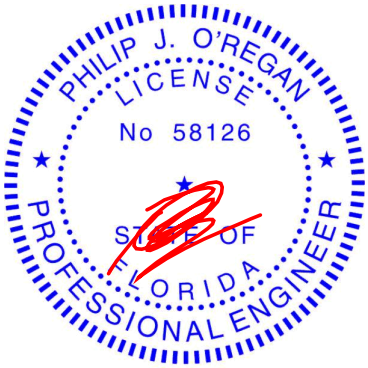
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-8-0, 4=Mechanical
Max Horz 2=46(LC 12)
Max Uplift 3=-6(LC 1), 2=-68(LC 12), 4=-19(LC 1)
Max Grav 3=7(LC 16), 2=179(LC 1), 4=20(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:
June 29,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	CJ03	Jack-Open	18	1	T24511348
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:44 2021 Page 1
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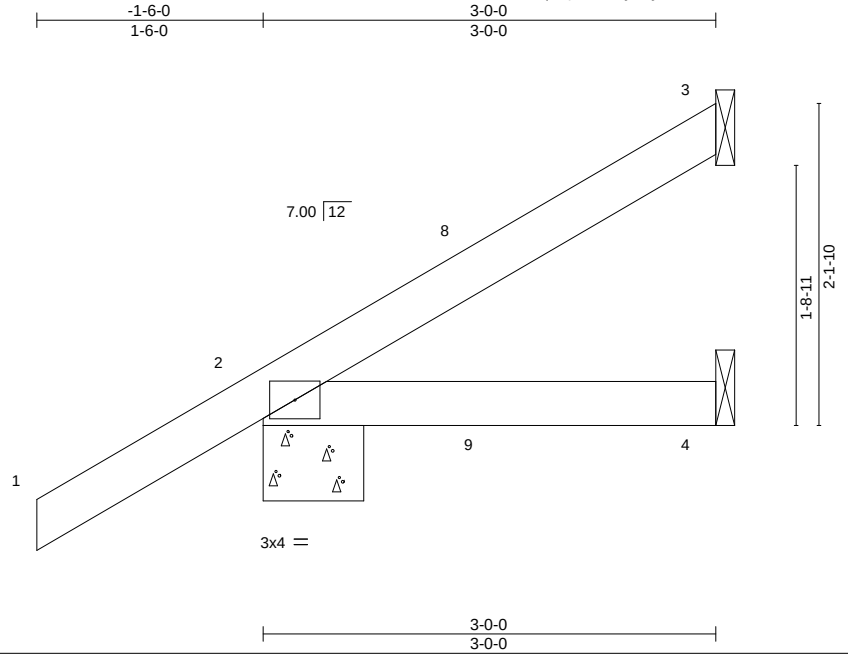


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 12 lb	FT = 20%

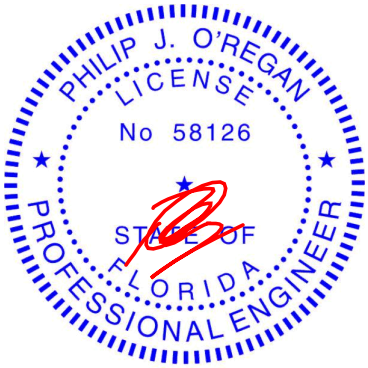
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-8-0, 4=Mechanical
Max Horz 2=85(LC 12)
Max Uplift 3=-39(LC 12), 2=-54(LC 12), 4=-16(LC 9)
Max Grav 3=61(LC 19), 2=210(LC 1), 4=50(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 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
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:
June 29,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	CJ05	Jack-Open	16	1	T24511349
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:45 2021 Page 1
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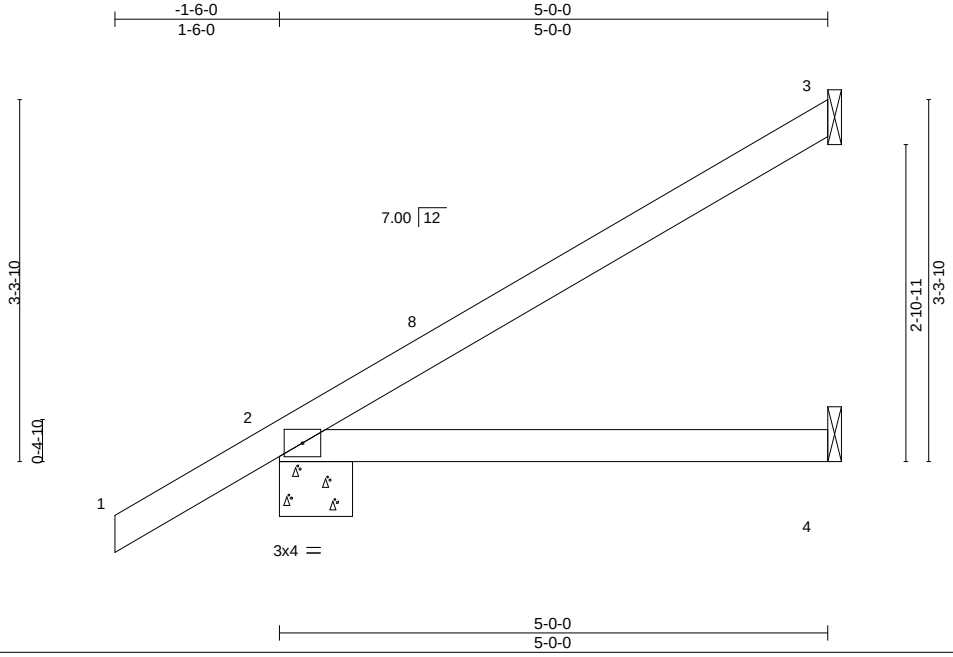


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	0.03	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.05	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 19 lb	FT = 20%

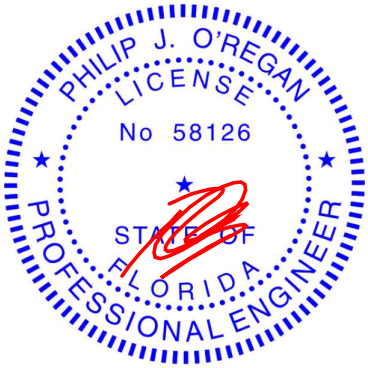
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-8-0, 4=Mechanical
Max Horz 2=125(LC 12)
Max Uplift 3=-73(LC 12), 2=-57(LC 12)
Max Grav 3=118(LC 19), 2=276(LC 1), 4=89(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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Date:
June 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	CJ05A	Jack-Open	1	1	T24511350
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:46 2021 Page 1
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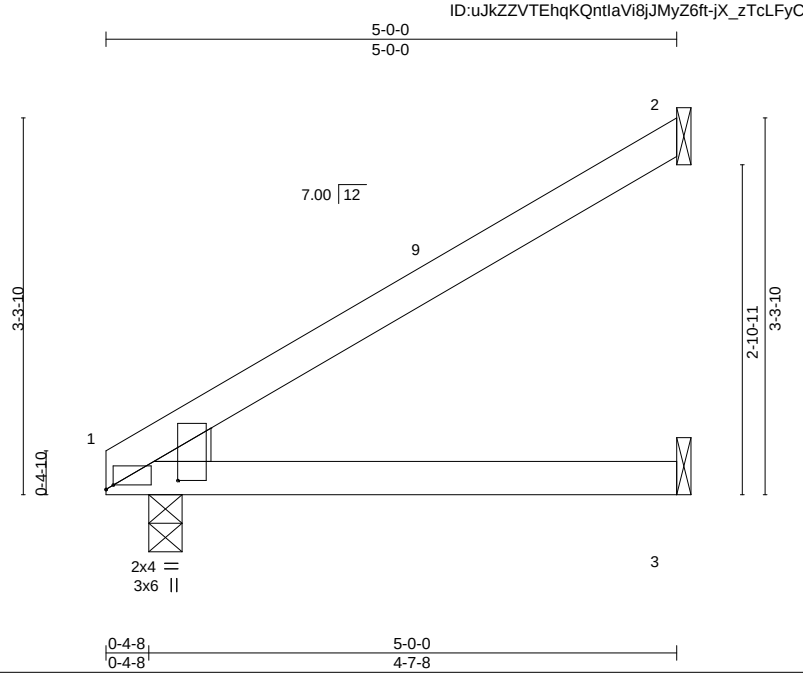


Plate Offsets (X,Y)-- [1:0-0-12,Edge], [1:0-0-15,0-7-9]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	0.03	3-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	-0.04	3-8	>999	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-MP							Weight: 17 lb	FT = 20%

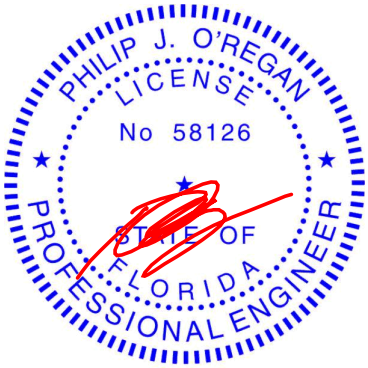
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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) 2=Mechanical, 3=Mechanical, 1=0-3-8
Max Horz 1=99(LC 12)
Max Uplift 2=-72(LC 12), 3=-7(LC 12), 1=-21(LC 12)
Max Grav 2=113(LC 19), 3=83(LC 3), 1=198(LC 1)

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) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 4-11-4 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) 2, 3, 1.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	CJ05B	Jack-Open	1	1	T24511351
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:47 2021 Page 1
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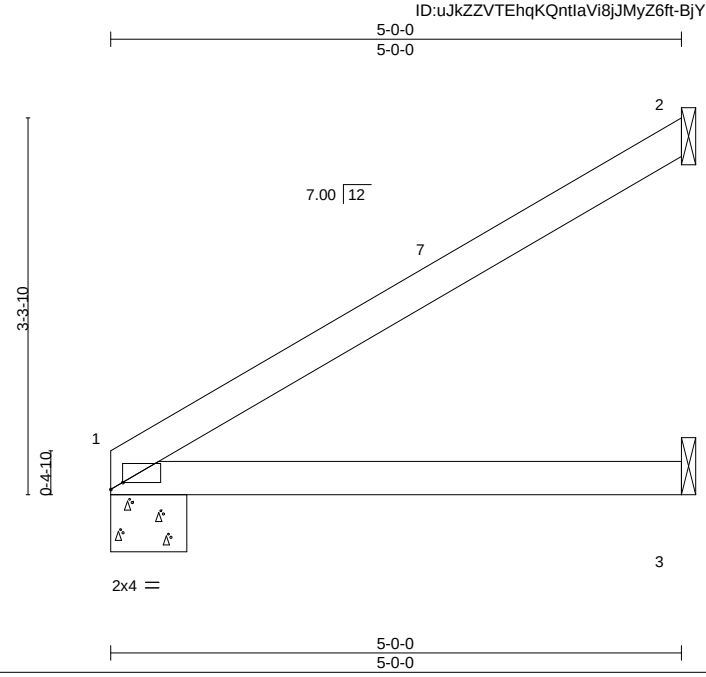


Plate Offsets (X,Y)-- [1:0-1-4,Edge]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.03	3-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.06	3-6	>970	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	1	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 16 lb	FT = 20%

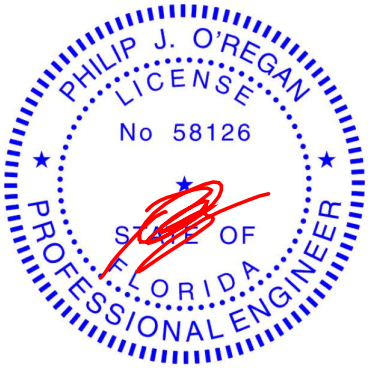
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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) 1=0-8-0, 2=Mechanical, 3=Mechanical
Max Horz 1=99(LC 12)
Max Uplift 1=-19(LC 12), 2=-76(LC 12), 3=-3(LC 12)
Max Grav 1=183(LC 1), 2=124(LC 19), 3=90(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) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 4-11-4 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) 1, 2, 3.



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Date:
June 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	EJ01	Jack-Partial	38	1	T24511352
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:47 2021 Page 1
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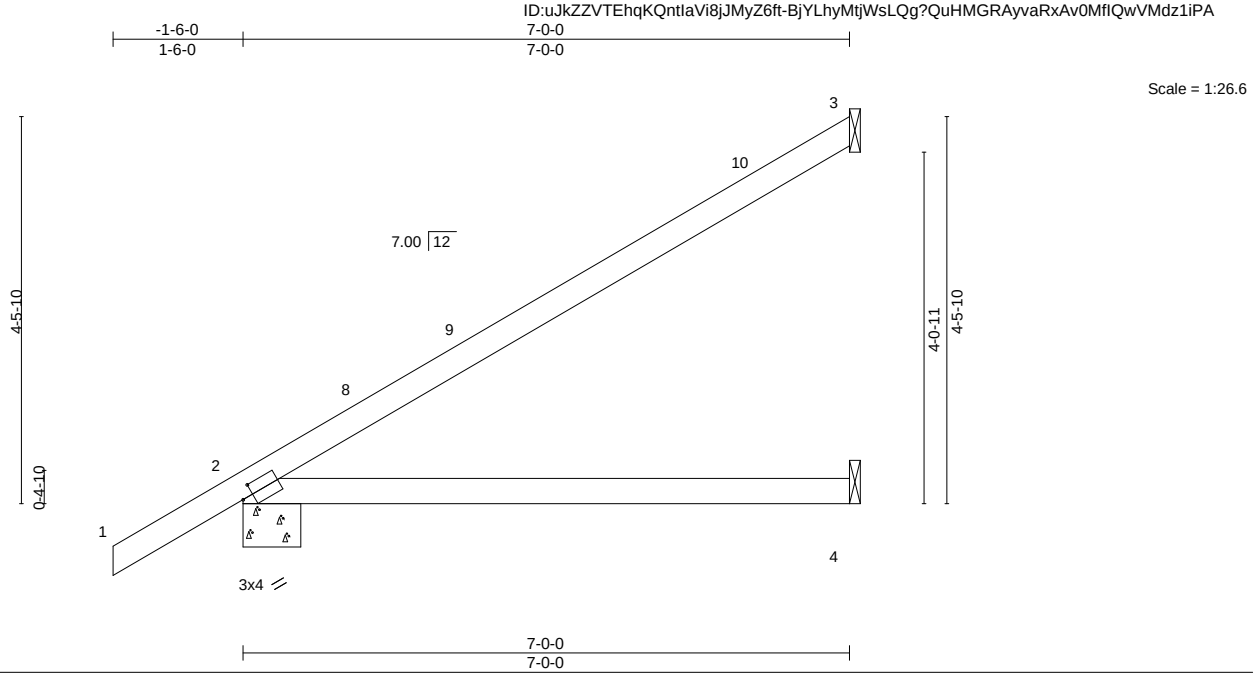


Plate Offsets (X,Y)-- [2:0-1-8,0-1-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	0.11	4-7	>775	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.22	4-7	>379	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%

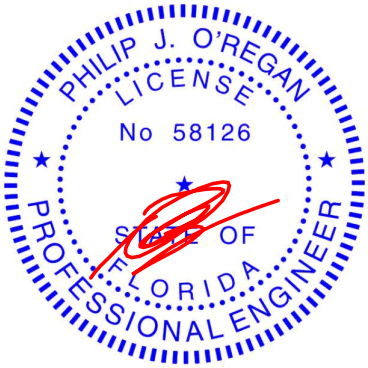
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-8-0, 4=Mechanical
Max Horz 2=159(LC 12)
Max Uplift 3=-94(LC 12), 2=-66(LC 12)
Max Grav 3=171(LC 19), 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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June 29,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	EJ02	Jack-Partial Supported Gable	1	1	T24511353
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:48 2021 Page 1
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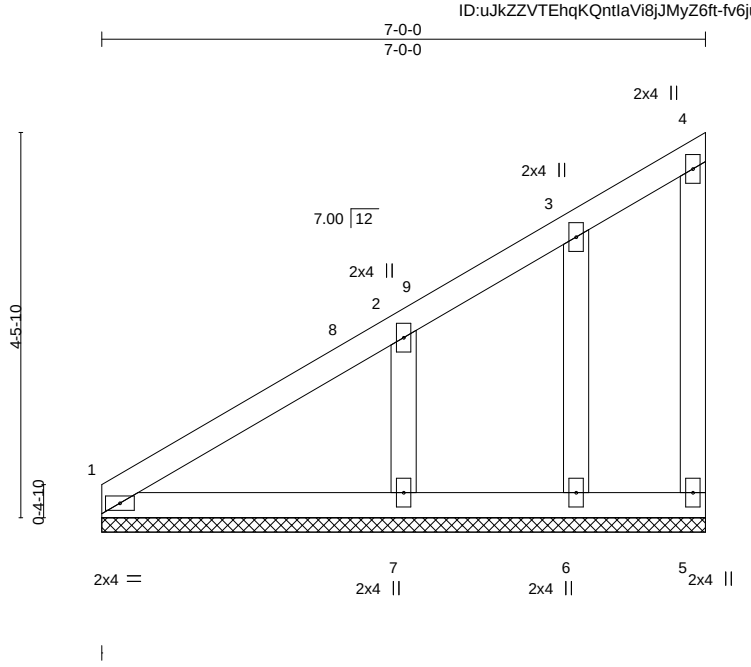


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 36 lb	FT = 20%

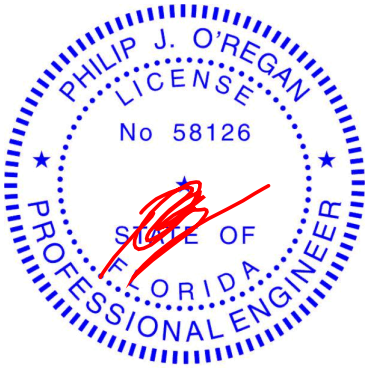
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 7-0-0.
(lb) - Max Horz 1=140(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 5, 6 except 7=-118(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 6 except 7=278(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-7=-197/262

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 Corner(3E) 0-0-0 to 3-0-0, Exterior(2N) 3-0-0 to 6-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 6 except (jt=lb) 7=118.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	EJ03	Jack-Partial	5	1	T24511354
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:49 2021 Page 1
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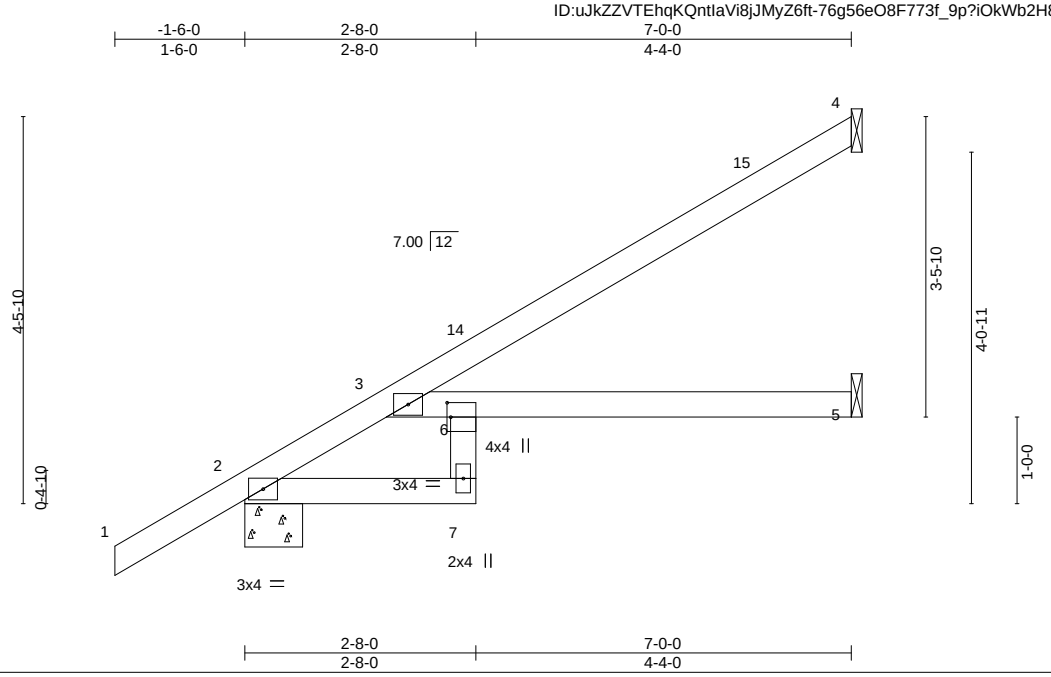


Plate Offsets (X,Y)-- [6:0-2-0,0-0-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.50	Vert(LL)	0.13	5-6	>639	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.23	5-6	>362	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.08	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 28 lb	FT = 20%

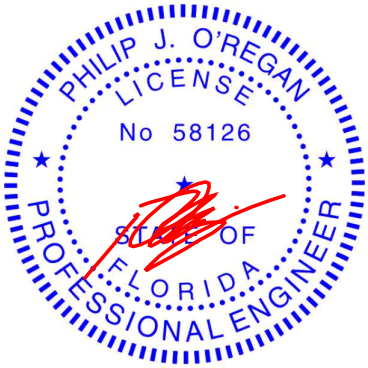
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-7: 2x4 SP No.3

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

REACTIONS. (size) 4=Mechanical, 2=0-8-0, 5=Mechanical
Max Horz 2=159(LC 12)
Max Uplift 4=-77(LC 12), 2=-63(LC 12), 5=-16(LC 12)
Max Grav 4=156(LC 19), 2=359(LC 1), 5=128(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-9=-294/0

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 1-7-10, Interior(1) 1-7-10 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) 4, 2, 5.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES. T24511355
2845635	EJ04	Jack-Partial	5	1	Job Reference (optional)

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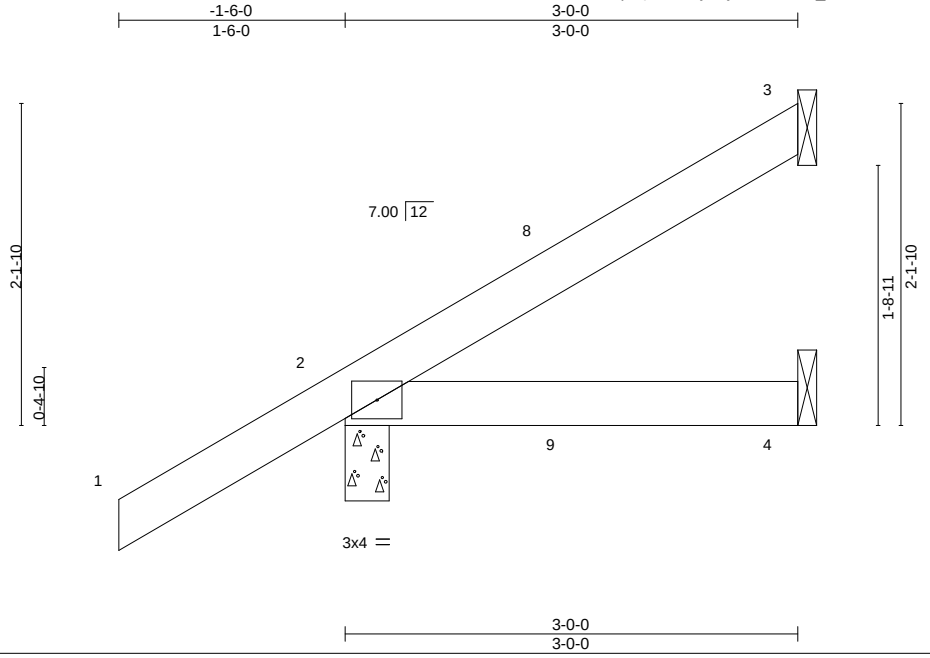


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 12 lb	FT = 20%

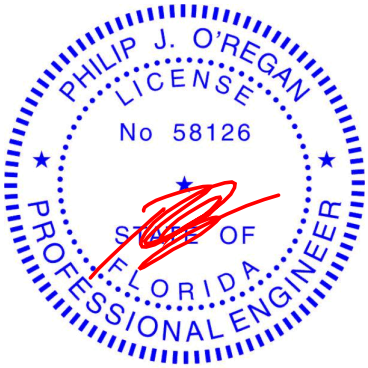
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 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=85(LC 12)
Max Uplift 3=-39(LC 12), 2=-54(LC 12), 4=-16(LC 9)
Max Grav 3=61(LC 19), 2=210(LC 1), 4=50(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 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
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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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	HJ04	Diagonal Hip Girder	1	1	T24511356
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:51 2021 Page 1
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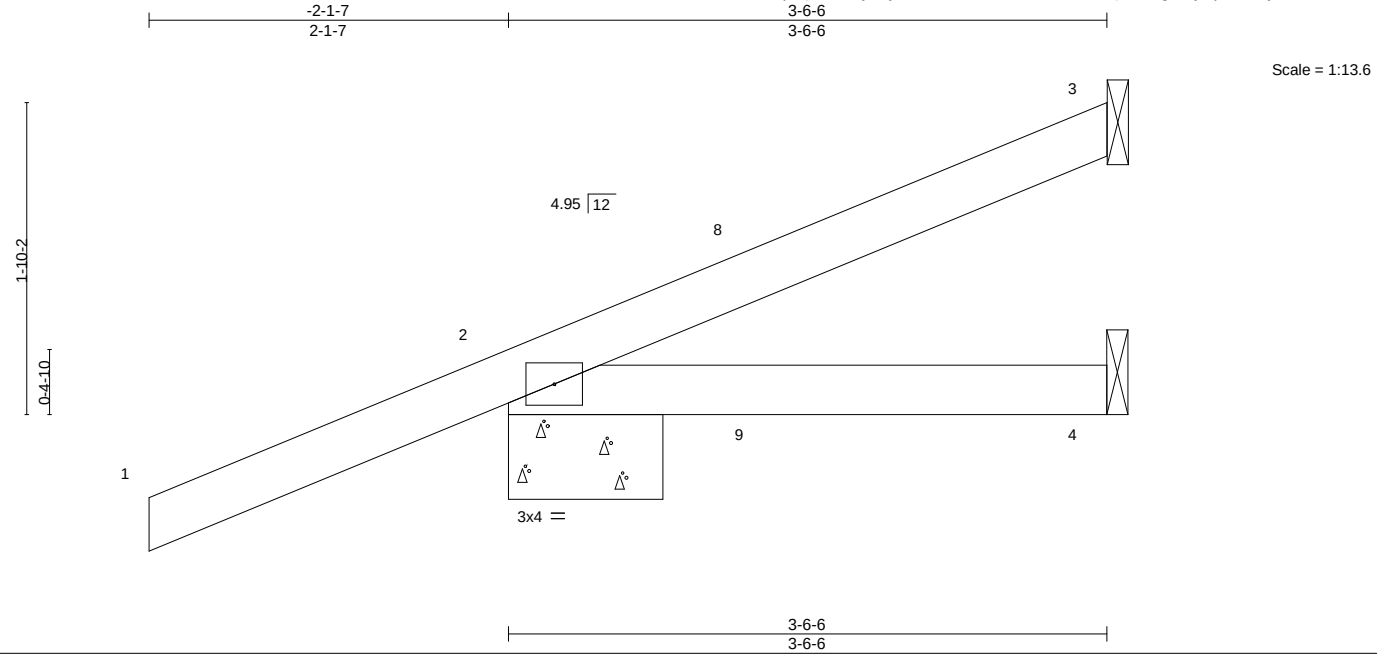


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	0.02	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	-0.02	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 15 lb	FT = 20%

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

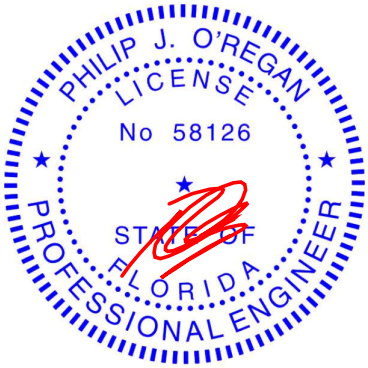
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-10-15, 4=Mechanical
Max Horz 2=75(LC 8)
Max Uplift 3=-47(LC 8), 2=-123(LC 4), 4=-18(LC 17)
Max Grav 3=66(LC 1), 2=278(LC 1), 4=58(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; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
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) Gable studs spaced at 2-0-0 oc.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=123.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 73 lb up at 1-6-1, and 61 lb down and 73 lb up at 1-6-1 on top chord, and 19 lb down and 44 lb up at 1-6-1, and 19 lb down and 44 lb up at 1-6-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	HJ05	Diagonal Hip Girder	2	1	T24511357
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:52 2021 Page 1
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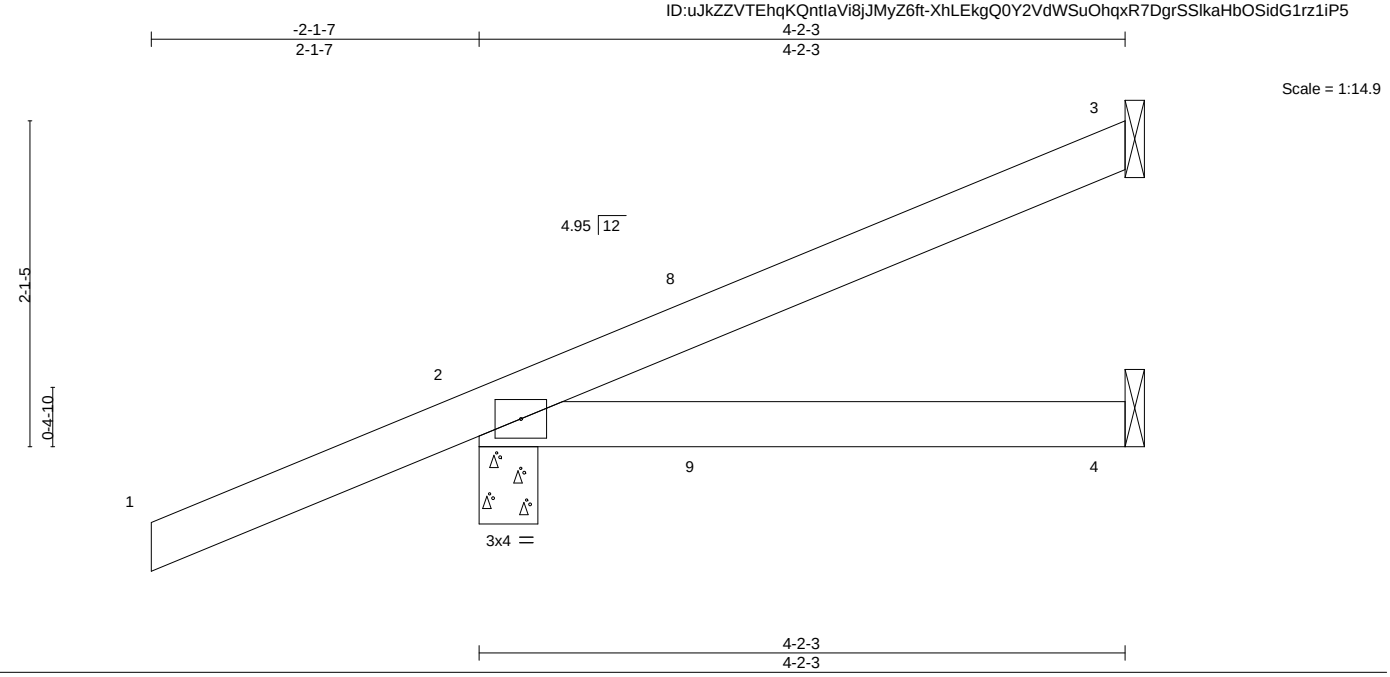


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	0.02	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	-0.03	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 17 lb	FT = 20%

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

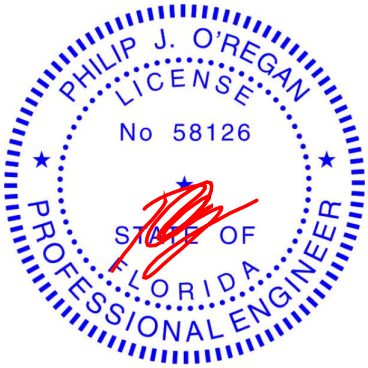
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-4-9, 4=Mechanical
Max Horz 2=84(LC 8)
Max Uplift 3=-55(LC 8), 2=-154(LC 4), 4=-30(LC 5)
Max Grav 3=84(LC 1), 2=296(LC 1), 4=71(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; 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) 3, 4 except (jt=lb) 2=154.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 73 lb up at 1-6-1, and 61 lb down and 73 lb up at 1-6-1 on top chord, and 42 lb down and 44 lb up at 1-6-1, and 42 lb down and 44 lb up at 1-6-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	HJ10	Diagonal Hip Girder	9	1	T24511358
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:53 2021 Page 1
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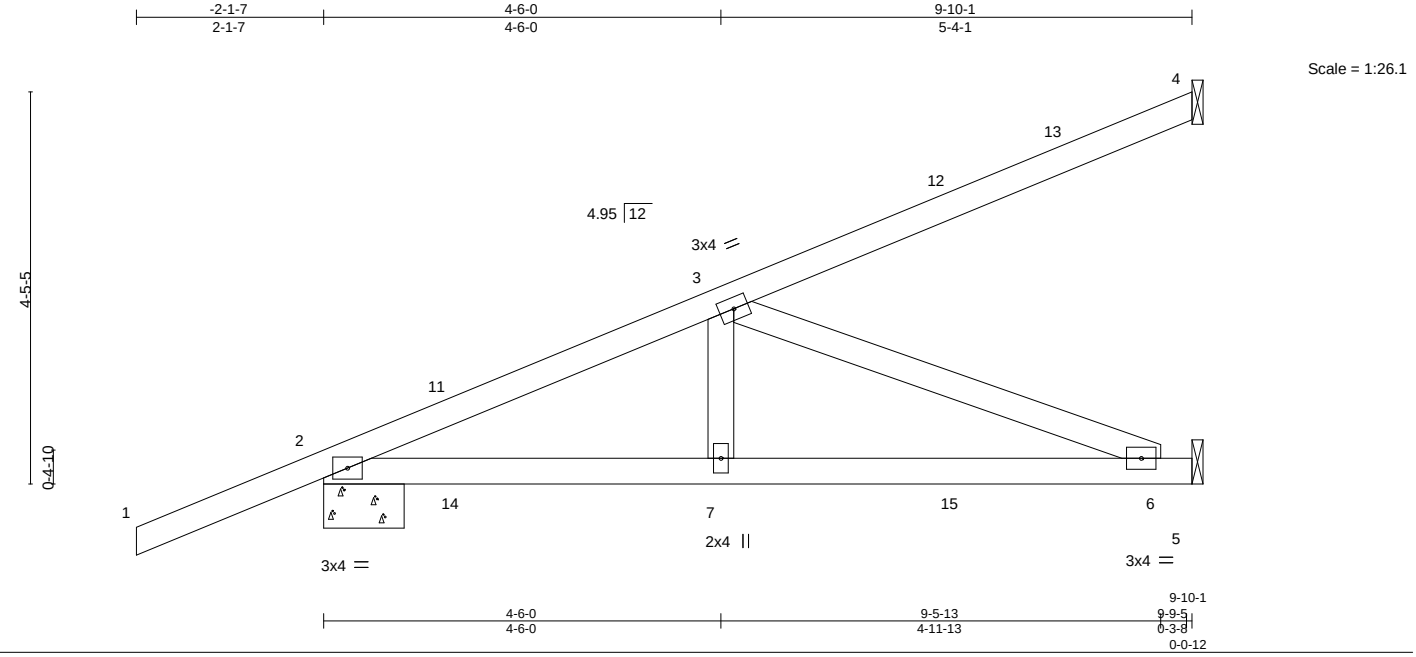


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	0.06	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.12	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.39	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 44 lb	FT = 20%

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

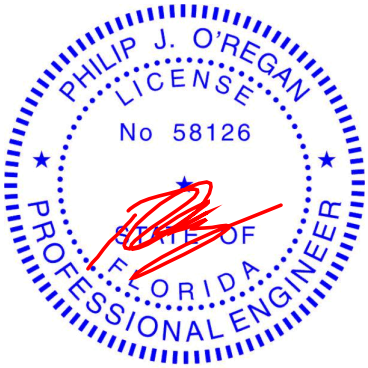
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-7-3 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-10-15, 5=Mechanical
Max Horz 2=159(LC 8)
Max Uplift 4=-84(LC 8), 2=-258(LC 4), 5=-150(LC 5)
Max Grav 4=147(LC 1), 2=526(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=-711/313
BOT CHORD 2-7=-362/628, 6-7=-362/628
WEBS 3-7=-66/282, 3-6=-673/388

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=258, 5=150.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 73 lb up at 1-6-1, 61 lb down and 73 lb up at 1-6-1, 74 lb down and 42 lb up at 4-4-0, 74 lb down and 42 lb up at 4-4-0, and 101 lb down and 82 lb up at 7-1-15, and 106 lb down and 84 lb up at 7-1-15 on top chord, and 42 lb down and 44 lb up at 1-6-1, 42 lb down and 44 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 66 lb down and 22 lb up at 7-1-15, and 69 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=-5(F=-3, B=-3) 12=-68(F=-36, B=-32) 15=-61(F=-29, B=-32)



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 29,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	PB01	GABLE	2	1	T24511359
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:54 2021 Page 1
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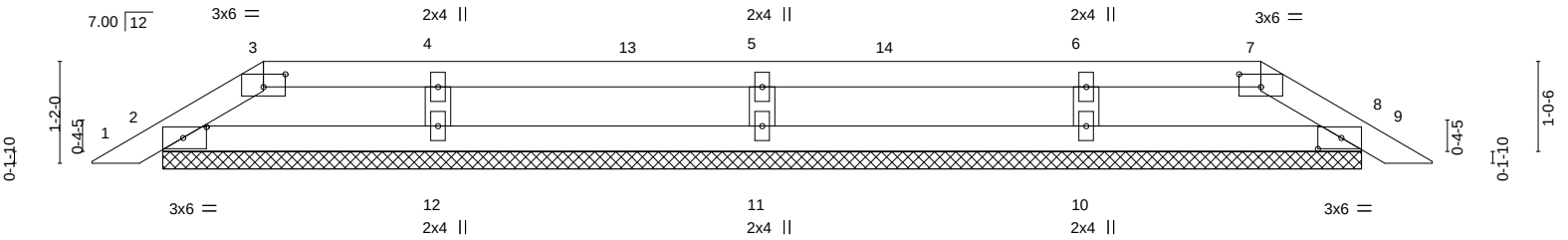
2-0-0 13-5-2 15-5-2
2-0-0 11-5-2 2-0-0

Scale = 1:26.3



15-5-2
15-5-2

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	0.00	8	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	0.00	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 46 lb	FT = 20%

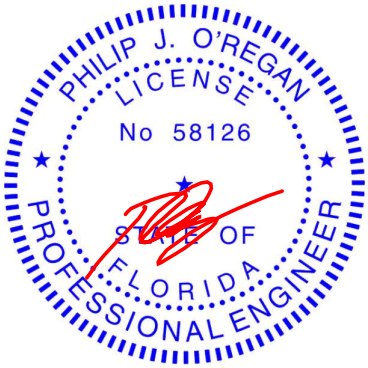
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 13-8-13.
(lb) - Max Horz 2=-22(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 11, 10, 12
Max Grav All reactions 250 lb or less at joint(s) 2, 8 except 11=283(LC 24), 10=259(LC 24), 12=259(LC 23)

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; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 2-0-0, Exterior(2R) 2-0-0 to 6-2-15, Interior(1) 6-2-15 to 13-5-2, Exterior(2E) 13-5-2 to 15-1-7 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) Provide adequate drainage to prevent water ponding.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 11, 10, 12.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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June 29,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	PB02	GABLE	2	1	T24511360
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:55 2021 Page 1
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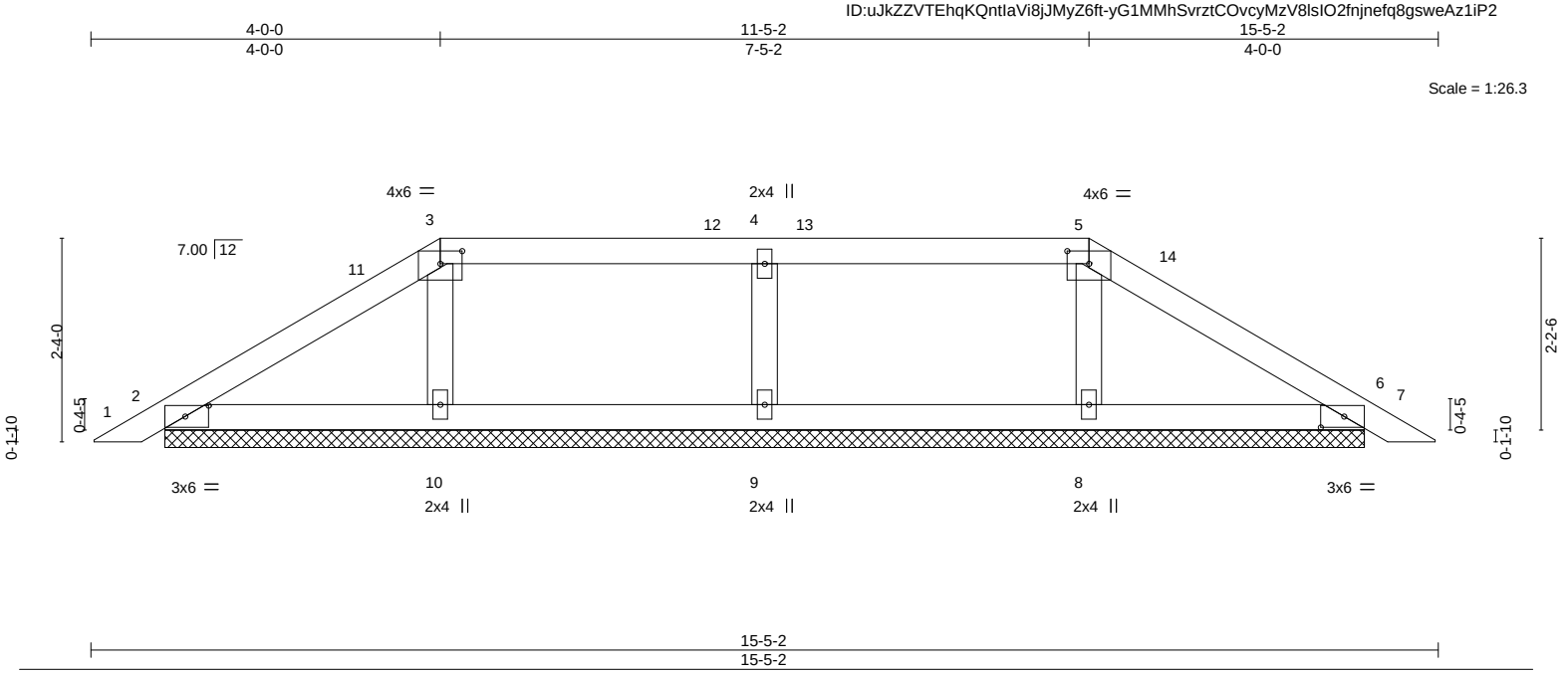


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [3:0-3-0,0-1-12], [5:0-3-0,0-1-12], [6:0-3-3,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-S							Weight: 52 lb	FT = 20%

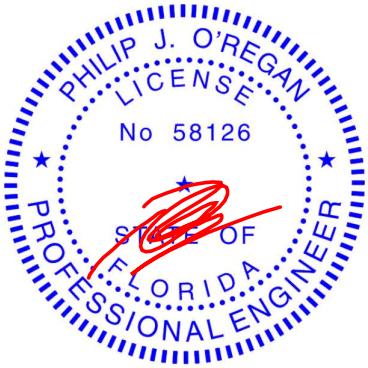
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 13-8-13.
(lb) - Max Horz 2=48(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 9, 8, 10
Max Grav All reactions 250 lb or less at joint(s) 2, 6 except 9=302(LC 23), 8=252(LC 1), 10=252(LC 1)

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; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 4-0-0, Exterior(2R) 4-0-0 to 8-2-15, Interior(1) 8-2-15 to 11-5-2, Exterior(2E) 11-5-2 to 15-1-7 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) Provide adequate drainage to prevent water ponding.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 4-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6, 9, 8, 10.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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June 29,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	PB03	GABLE	2	1	T24511361
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:56 2021 Page 1
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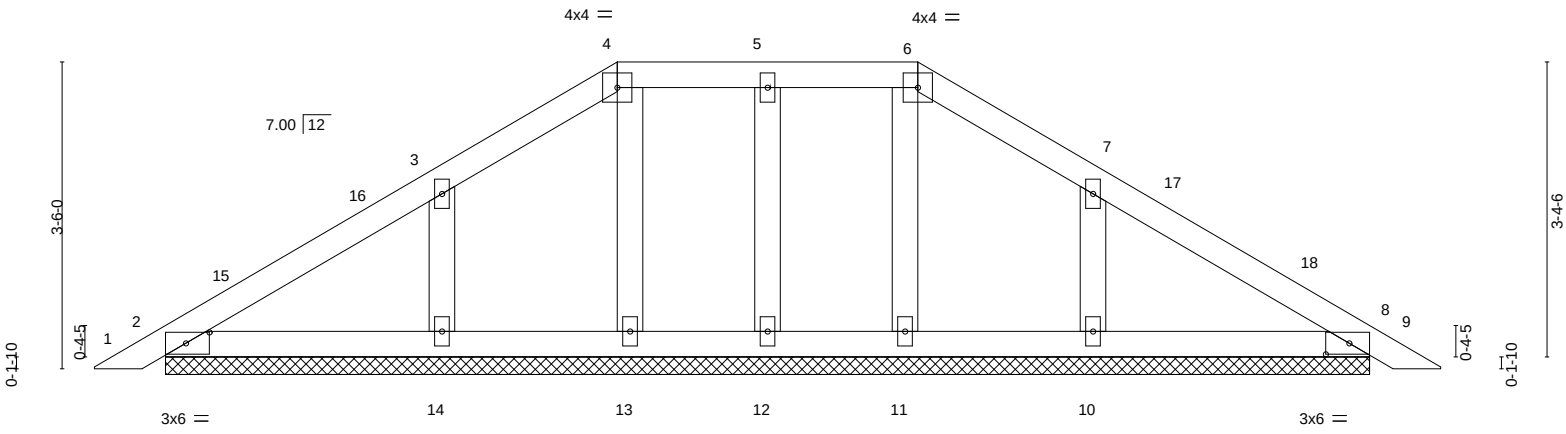
15-5-2
15-5-2

Scale = 1:26.3



15-5-2
15-5-2

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.09	Vert(LL)	0.00	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 63 lb	FT = 20%

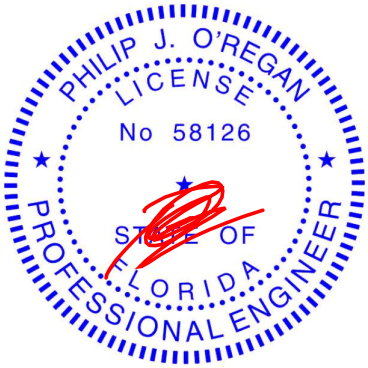
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3

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

REACTIONS. All bearings 13-8-13.
(lb) - Max Horz 2=73(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 12, 13, 11 except 10=-103(LC 13), 14=-104(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 12, 10, 13, 11 except 14=250(LC 19)

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; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 6-0-0, Exterior(2E) 6-0-0 to 9-5-2, Exterior(2R) 9-5-2 to 13-8-1, Interior(1) 13-8-1 to 15-1-7 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) Provide adequate drainage to prevent water ponding.
6) All plates are 2x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 12, 13, 11 except (jt=lb) 10=103, 14=104.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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June 29,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES. T24511362
2845635	PB04	Piggyback	12	1	Job Reference (optional)

Builders FirstSource, Lake City, FL 32055

8.430 s Mar 22 2021 MiTek Industries, Inc. Tue Jun 29 12:34:50 2021 Page 1
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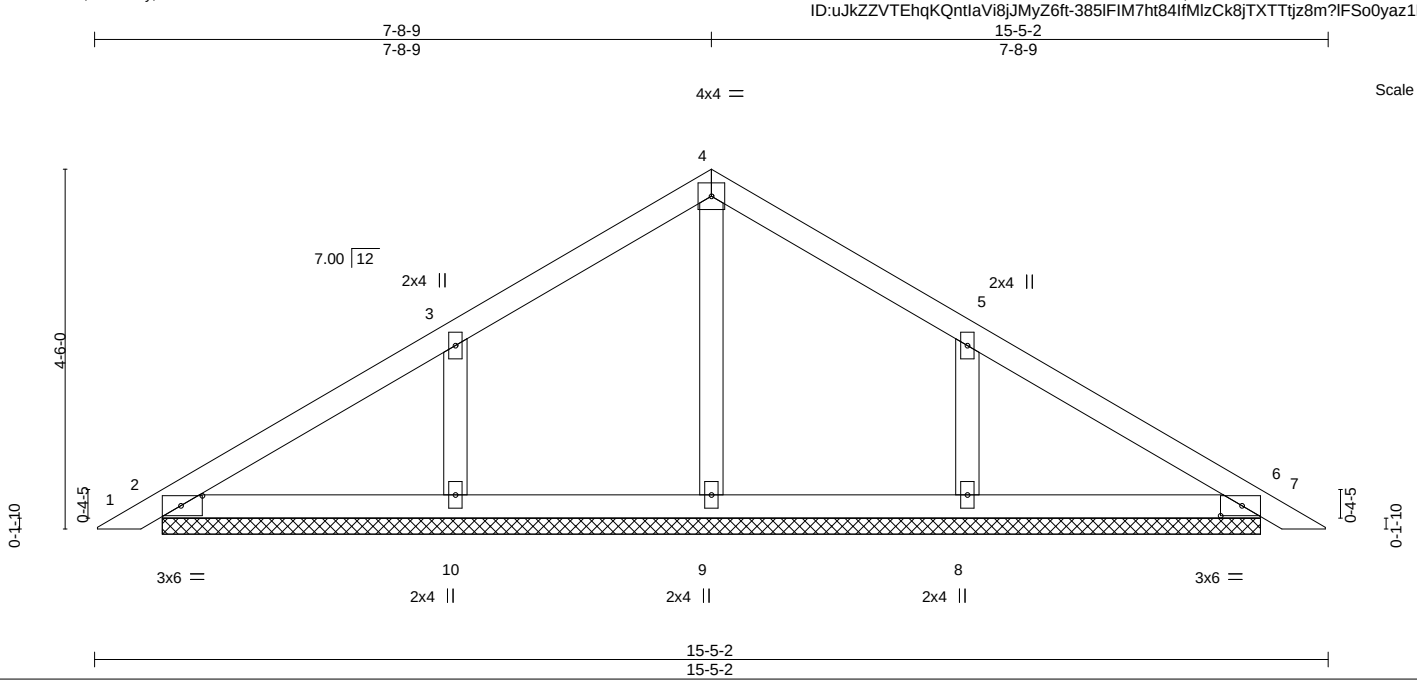


Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-3-3,0-1-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	0.01	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 58 lb	FT = 20%

LUMBER-

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

BRACING-

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

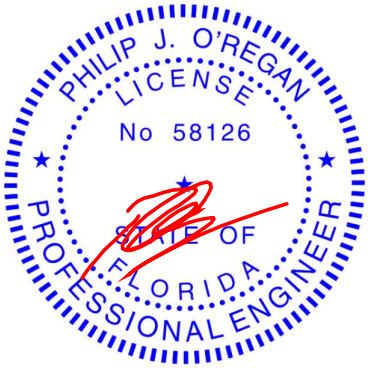
REACTIONS. All bearings 13-8-13.
(lb) - Max Horz 2=-95(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6 except 10=-133(LC 12), 8=-133(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9 except 10=314(LC 19), 8=314(LC 20)

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; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-3-11 to 3-3-11, Interior(1) 3-3-11 to 7-8-9, Exterior(2R) 7-8-9 to 10-11-0, Interior(1) 10-11-0 to 15-1-7 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) Gable requires continuous bottom chord bearing.
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) 2, 6 except (jt=lb) 10=133, 8=133.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard



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June 29,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES. T24511363
2845635	T01	Hip Girder	2	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:03:59 2021 Page 1
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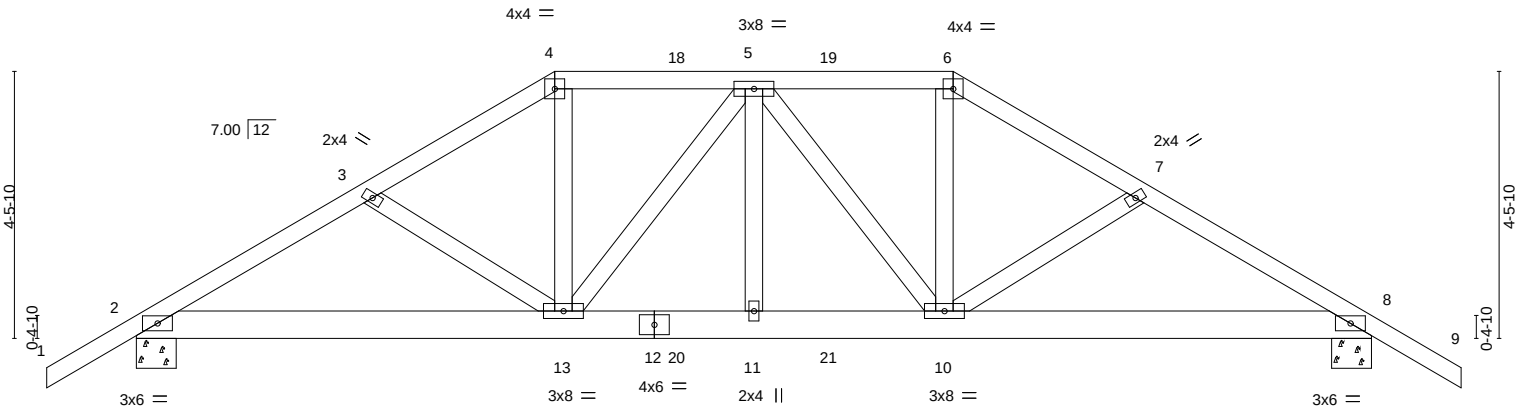


7-0-0	10-4-0	13-8-0	20-8-0
7-0-0	3-4-0	3-4-0	7-0-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	0.09	11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.15	11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 129 lb	FT = 20%

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

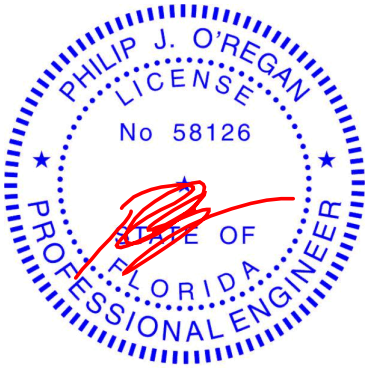
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-10-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 8=0-8-0
Max Horz 2=-110(LC 6)
Max Uplift 2=-580(LC 8), 8=-588(LC 9)
Max Grav 2=1575(LC 1), 8=1598(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2650/1022, 3-4=-2495/985, 4-5=-2146/886, 5-6=-2183/898, 6-7=-2540/1000, 7-8=-2694/1038
BOT CHORD 2-13=-879/2262, 11-13=-895/2408, 10-11=-895/2408, 8-10=-820/2300
WEBS 4-13=-332/935, 5-13=-481/265, 5-10=-410/193, 6-10=-293/887

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) 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=580, 8=588.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 128 lb down and 101 lb up at 7-0-0, 125 lb down and 98 lb up at 9-0-12, 125 lb down and 91 lb up at 10-4-0, and 125 lb down and 98 lb up at 11-7-4, and 227 lb down and 196 lb up at 13-8-0 on top chord, and 335 lb down and 201 lb up at 7-0-0, 86 lb down and 20 lb up at 9-0-12, 86 lb down and 20 lb up at 10-4-0, and 86 lb down and 20 lb up at 11-7-4, and 335 lb down and 201 lb up at 13-7-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 6-9=-54, 2-8=-20
Concentrated Loads (lb)
Vert: 4=-109(B) 6=-180(B) 13=-335(B) 11=-64(B) 5=-109(B) 10=-335(B) 18=-109(B) 19=-109(B) 20=-64(B) 21=-64(B)



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June 29,2021

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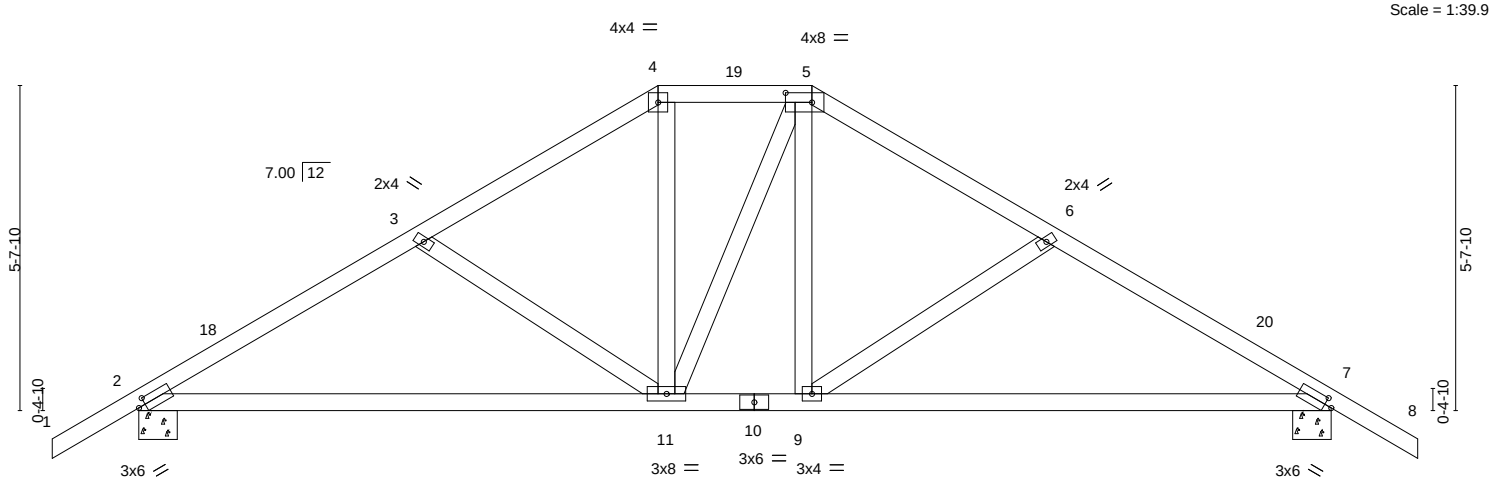
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T02	Hip	2	1	T24511364
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:00 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-IDqFQPW1fVVVUgVw9W5JSv?BbgL7SsEZHyZhINz1iOz

-1-6-0 | 4-11-4 | 9-0-0 | 11-8-0 | 15-8-12 | 20-8-0 | 22-2-0
1-6-0 | 4-11-4 | 4-0-12 | 2-8-0 | 4-0-12 | 4-11-4 | 1-6-0

Scale = 1:39.9



9-0-0 | 11-8-0 | 20-8-0
9-0-0 | 2-8-0 | 9-0-0

Plate Offsets (X,Y)-- [2:0-1-8,0-1-8], [5:0-5-8,0-2-0], [7:0-1-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	-0.15	9-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.31	9-17	>802	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 109 lb	FT = 20%

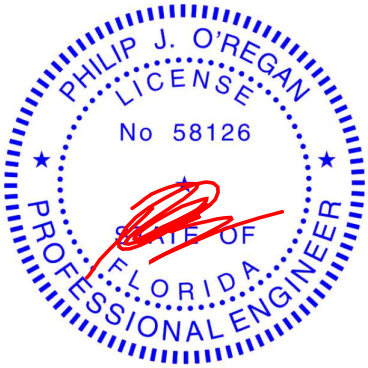
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 7=0-8-0
Max Horz 2=-135(LC 10)
Max Uplift 2=-191(LC 12), 7=-191(LC 13)
Max Grav 2=846(LC 1), 7=846(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1151/251, 3-4=-921/196, 4-5=-742/199, 5-6=-920/196, 6-7=-1150/252
BOT CHORD 2-11=-223/967, 9-11=-61/741, 7-9=-131/967
WEBS 3-11=-294/167, 4-11=-53/300, 5-9=-62/299, 6-9=-296/167

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 9-0-0, Exterior(2E) 9-0-0 to 11-8-0, Exterior(2R) 11-8-0 to 15-10-6, Interior(1) 15-10-6 to 22-2-0 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=191, 7=191.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T03	Common	8	1	T24511365
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:01 2021 Page 1
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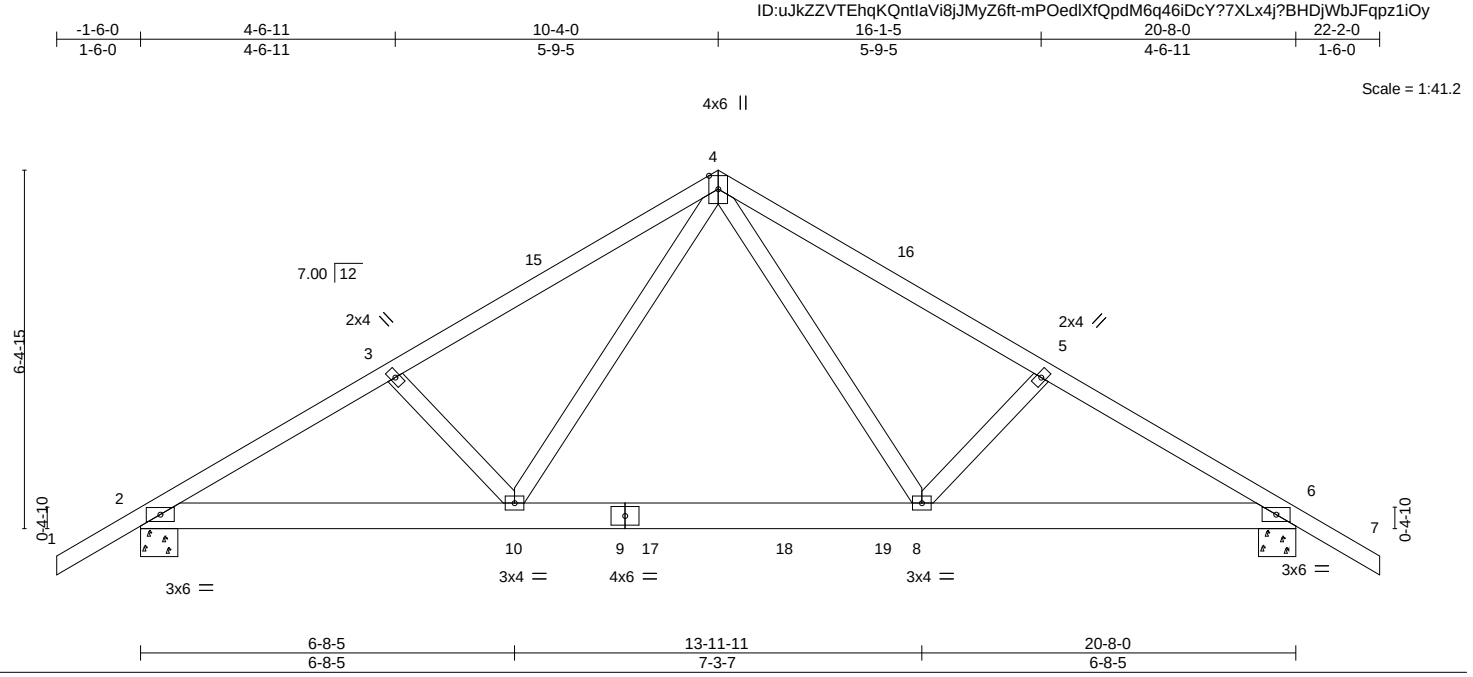


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	-0.10	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.18	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 119 lb	FT = 20%

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

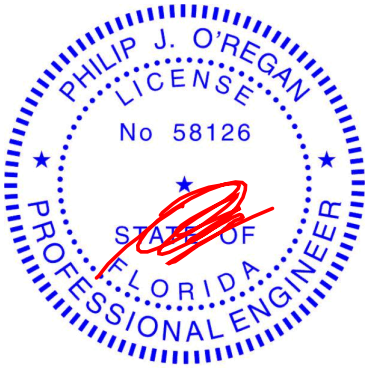
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 6=0-8-0
Max Horz 2=152(LC 11)
Max Uplift 2=-243(LC 12), 6=-240(LC 13)
Max Grav 2=1152(LC 19), 6=1139(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1829/380, 3-4=-1695/371, 4-5=-1669/363, 5-6=-1803/373
BOT CHORD 2-10=-356/1654, 8-10=-135/1025, 6-8=-247/1518
WEBS 4-8=-179/821, 5-8=-278/186, 4-10=-191/864, 3-10=-277/186

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 10-4-0, Exterior(2R) 10-4-0 to 13-4-0, Interior(1) 13-4-0 to 22-2-0 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=243, 6=240.
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, 2-10=-20, 10-19=-80(F=-60), 6-19=-20



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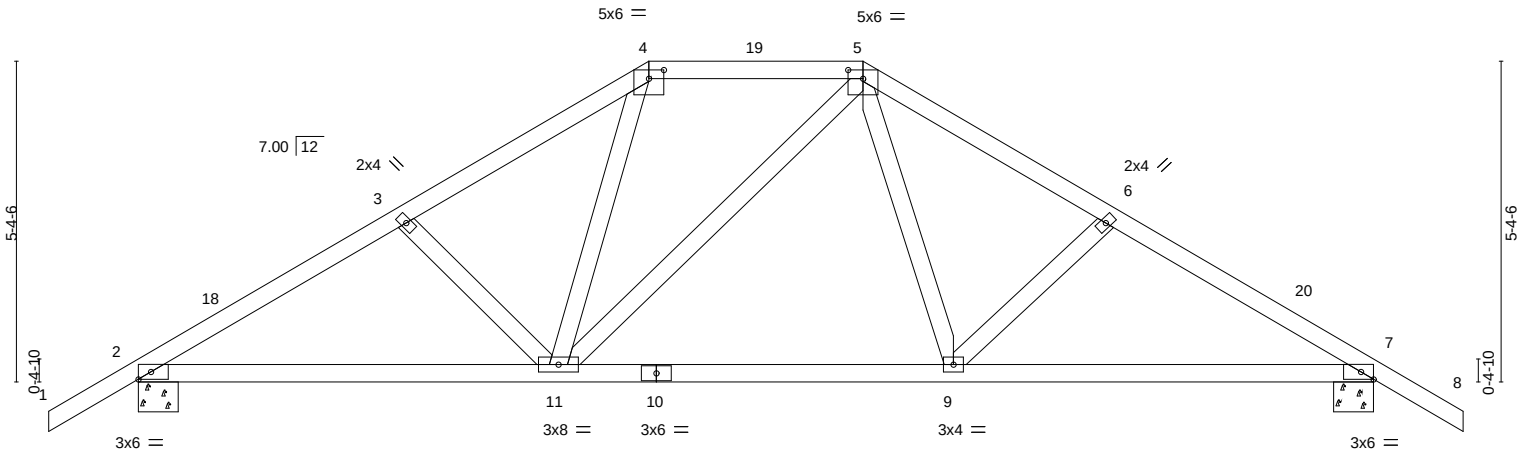
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T04	Hip	1	1	T24511366
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:02 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-Fcy0q5YIB7lDj_fJGx7nXK4buU4dwm_slF2oMGz1iOx

-1-6-0	4-5-12	8-6-8	12-1-8	16-2-4	20-8-0	22-2-0
1-6-0	4-5-12	4-0-12	3-7-0	4-0-12	4-5-12	1-6-0

Scale = 1:38.6



7-0-6	13-7-10	20-8-0
7-0-6	6-7-5	7-0-6

Plate Offsets (X,Y)-- [4:0-3-0,0-1-12], [5:0-3-0,0-1-12], [7:0-2-8,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	0.18	Vert(LL)	-0.05	9-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.11	9-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 107 lb	FT = 20%

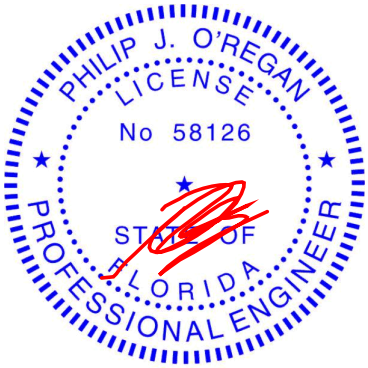
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 7=0-8-0
Max Horz 2=-130(LC 10)
Max Uplift 2=-192(LC 12), 7=-192(LC 13)
Max Grav 2=846(LC 1), 7=846(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1201/252, 3-4=-1038/233, 4-5=-750/224, 5-6=-1035/232, 6-7=-1201/253
BOT CHORD 2-11=-226/998, 9-11=-70/750, 7-9=-139/998
WEBS 4-11=-52/351, 5-9=-68/351

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 8-6-8, Exterior(2E) 8-6-8 to 12-1-8, Exterior(2R) 12-1-8 to 16-3-9, Interior(1) 16-3-9 to 22-2-0 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=192, 7=192.



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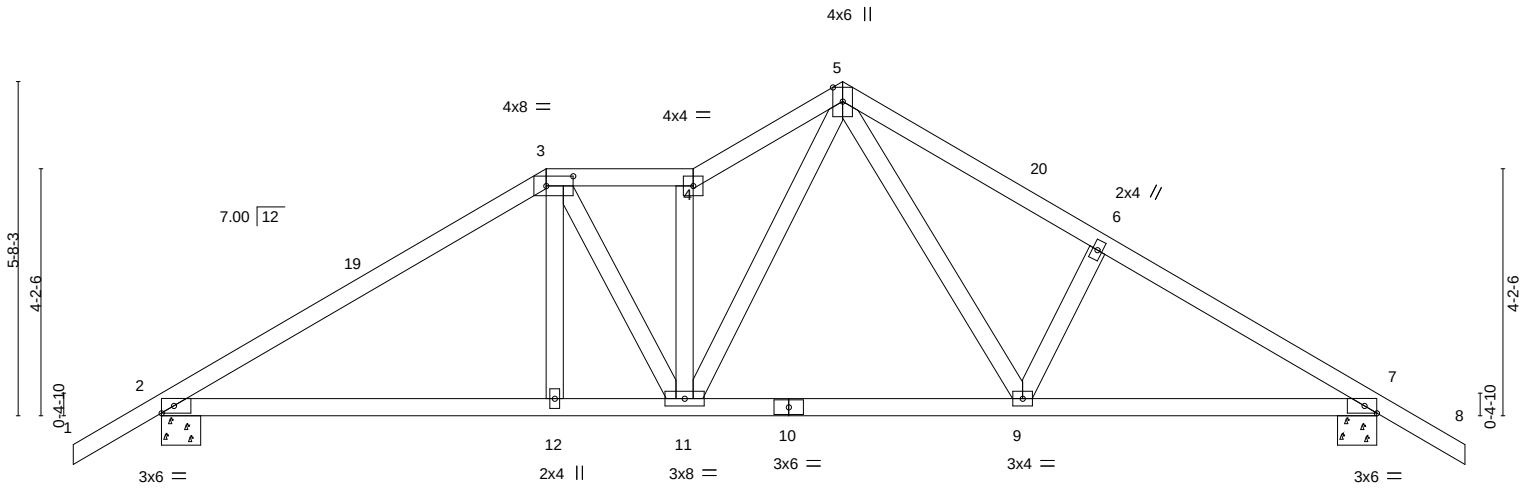
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T05	Roof Special	1	1	T24511367
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:03 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-joWO2QYwyQt4L8DVqee04YdgnuR5fCW?_voMviz1iOw

-1-6-0 | 6-6-8 | 9-0-8 | 11-7-0 | 15-11-0 | 20-8-0 | 22-2-0
1-6-0 | 6-6-8 | 2-6-0 | 2-6-8 | 4-4-0 | 4-9-0 | 1-6-0

Scale = 1:39.2



6-6-8 | 9-0-8 | 14-7-12 | 20-8-0
6-6-8 | 2-6-0 | 5-7-4 | 6-0-4

Plate Offsets (X,Y)-- [3:0-5-8,0-2-0], [7:0-2-8,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	0.49	Vert(LL)	-0.06	12-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.13	12-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 110 lb	FT = 20%

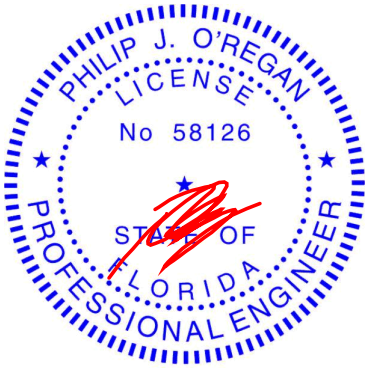
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 7=0-8-0
Max Horz 2=-136(LC 10)
Max Uplift 2=-199(LC 12), 7=-181(LC 13)
Max Grav 2=846(LC 1), 7=846(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1132/233, 3-4=-976/236, 4-5=-1169/308, 5-6=-1109/263, 6-7=-1207/235
BOT CHORD 2-12=-183/904, 11-12=-183/910, 9-11=-87/714, 7-9=-135/997
WEBS 4-11=-645/187, 5-11=-196/639, 5-9=-124/396

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 6-6-8, Exterior(2E) 6-6-8 to 9-0-8, Interior(1) 9-0-8 to 11-7-0, Exterior(2R) 11-7-0 to 14-7-0, Interior(1) 14-7-0 to 22-2-0 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=199, 7=181.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T06	Roof Special	1	1	T24511368
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:04 2021 Page 1
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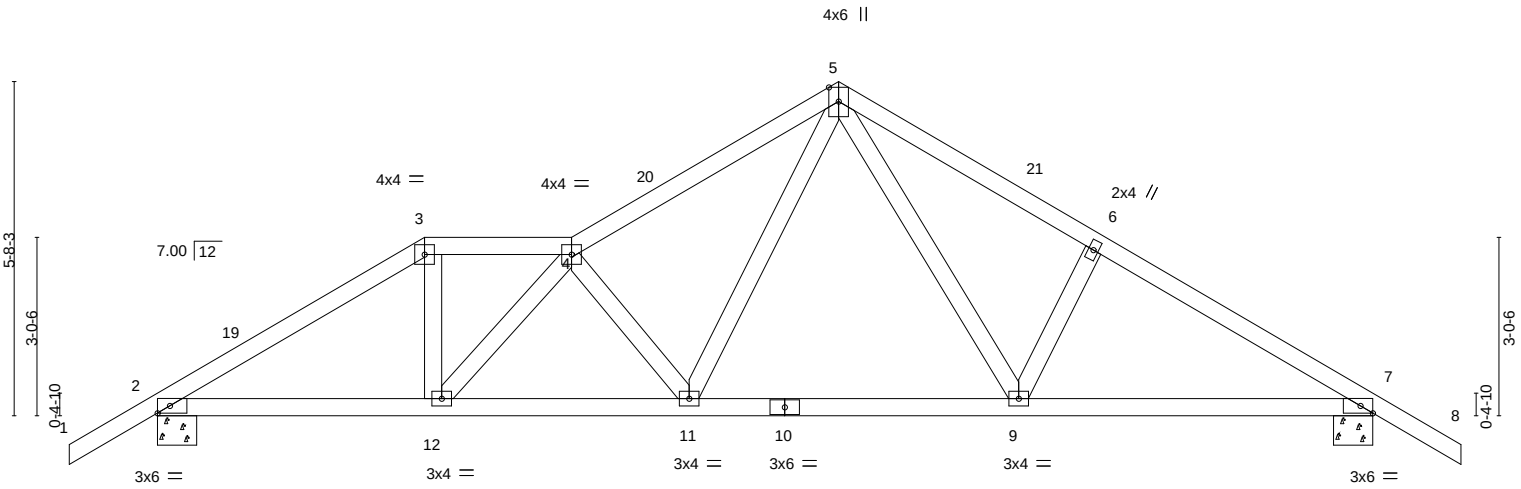
-1-6-0 | 4-6-8 | 7-0-8 | 11-7-0 | 15-11-0 | 20-8-0 | 22-2-0
1-6-0 | 4-6-8 | 2-6-0 | 4-6-8 | 4-4-0 | 4-9-0 | 1-6-0

Scale = 1:39.2



4-6-8 | 9-0-8 | 14-7-12 | 20-8-0
4-6-8 | 4-6-0 | 5-7-4 | 6-0-4

Plate Offsets (X,Y)-- [7:0-2-8,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	0.27	Vert(LL)	-0.05	11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.10	9-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 106 lb	FT = 20%

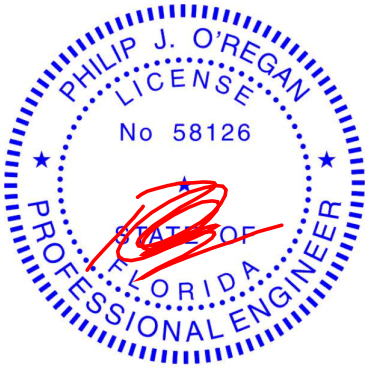
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 7=0-8-0
Max Horz 2=-136(LC 10)
Max Uplift 2=-199(LC 12), 7=-181(LC 13)
Max Grav 2=846(LC 1), 7=846(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1203/247, 3-4=-1007/247, 4-5=-1176/271, 5-6=-1106/260, 6-7=-1204/233
BOT CHORD 2-12=-219/985, 11-12=-272/1279, 9-11=-89/719, 7-9=-135/995
WEBS 3-12=-50/409, 4-12=-418/99, 4-11=-529/203, 5-11=-146/581, 5-9=-124/388

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 4-6-8, Exterior(2E) 4-6-8 to 7-0-8, Interior(1) 7-0-8 to 11-7-0, Exterior(2R) 11-7-0 to 14-7-0, Interior(1) 14-7-0 to 22-2-0 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=199, 7=181.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T07	Roof Special Girder	1	1	T24511369
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:05 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-fBd8T6aAU28naRNtx3gU9zi4Dh7T74mIRDHSzbz1iOu

-1-6-0	2-6-8	5-0-8	7-3-0	11-7-0	15-11-0	20-8-0	22-2-0
1-6-0	2-6-8	2-6-0	2-2-8	4-4-0	4-4-0	4-9-0	1-6-0

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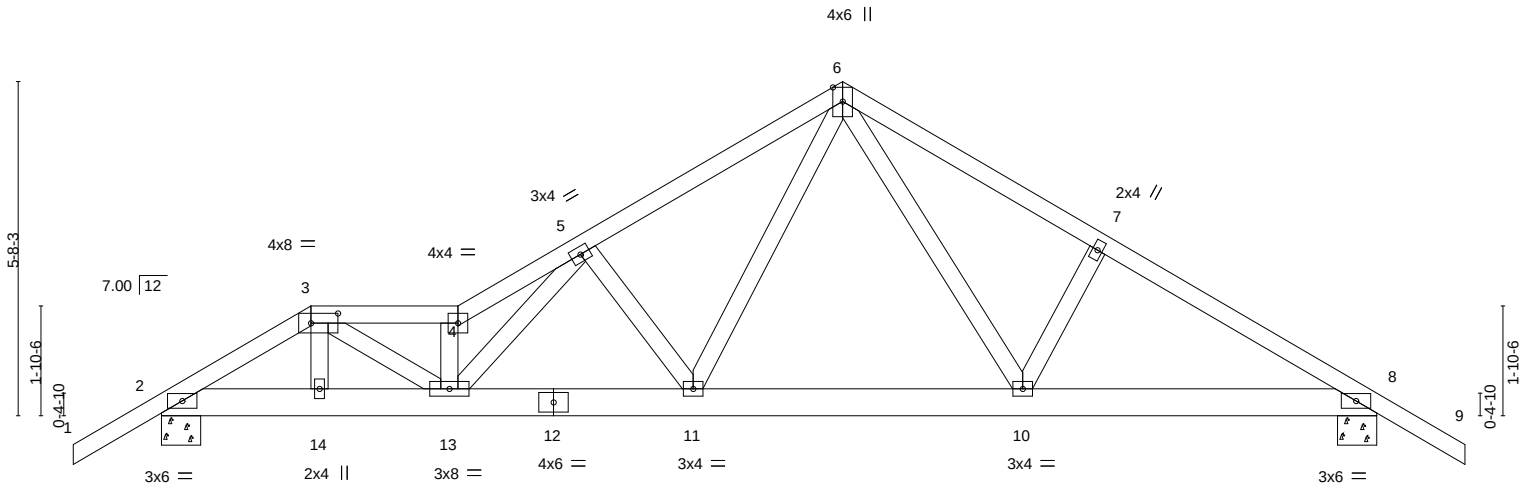


2-6-8	5-0-8	9-0-8	14-7-12	20-8-0
2-6-8	2-6-0	4-0-0	5-7-4	6-0-4

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.07	11-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.13	11-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.32	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 126 lb	FT = 20%

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

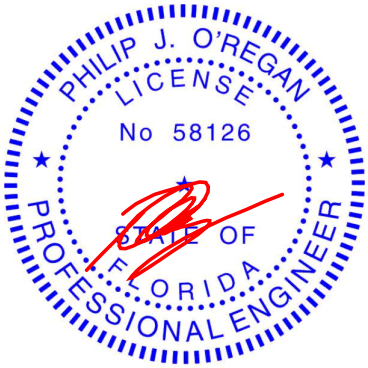
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 8=0-8-0
Max Horz 2=-136(LC 6)
Max Uplift 2=-213(LC 8), 8=-186(LC 9)
Max Grav 2=847(LC 1), 8=846(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1314/296, 3-4=-1740/378, 4-5=-2130/478, 5-6=-1232/291, 6-7=-1128/265, 7-8=-1221/236
BOT CHORD 2-14=-284/1110, 13-14=-286/1122, 11-13=-289/1302, 10-11=-93/731, 8-10=-137/1015
WEBS 3-13=-160/739, 4-13=-1111/266, 5-13=-200/850, 5-11=-515/213, 6-11=-173/641, 6-10=-124/393

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) 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=213, 8=186.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 72 lb down and 40 lb up at 2-6-8 on top chord, and 51 lb down and 48 lb up at 2-6-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-4=-54, 4-6=-54, 6-9=-54, 2-8=-20
Concentrated Loads (lb)
Vert: 3=-2(F) 14=0(F)



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T08	Half Hip Girder	1	2	T24511370
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:08 2021 Page 1
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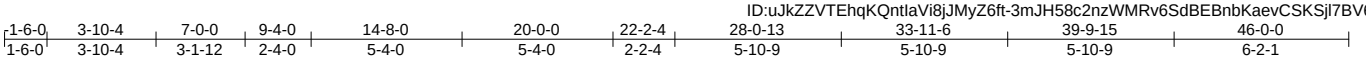

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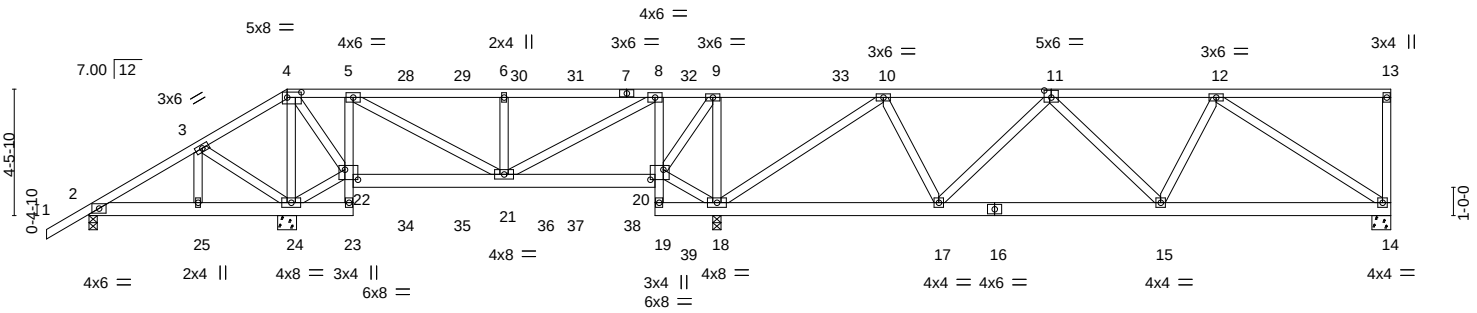


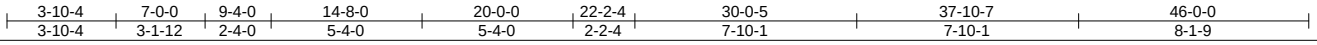


Plate Offsets (X,Y)-- [4:0-6-0,0-2-4], [11:0-3-0,0-3-0], [20:0-5-8,0-4-4], [22:0-5-8,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.29	Vert(LL)	-0.02	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	-0.04	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.31	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 604 lb	FT = 20%

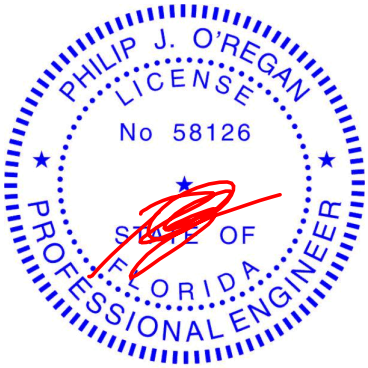
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
5-23,8-19: 2x4 SP No.3
WEBS 2x4 SP No.3

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

REACTIONS. All bearings 0-8-0 except (jt=length) 2=0-3-8, 18=0-3-8.
(lb) - Max Horz 2=167(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) except 14=-268(LC 28), 2=-206(LC 27), 24=-655(LC 8), 18=-747(LC 4)
Max Grav All reactions 250 lb or less at joint(s) except 14=711(LC 1), 2=257(LC 15), 24=1702(LC 1), 18=2375(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-241/452, 3-4=-229/599, 5-6=-656/306, 6-8=-656/306, 8-9=-141/472, 9-10=-289/881, 10-11=-643/408, 11-12=-829/351
BOT CHORD 2-25=-377/215, 24-25=-377/215, 5-22=-801/374, 20-21=-433/166, 8-20=-988/400, 17-18=-408/488, 15-17=-451/811, 14-15=-327/756
WEBS 4-24=-1109/469, 22-24=-598/217, 4-22=-321/829, 5-21=-281/716, 6-21=-578/296, 8-21=-400/1232, 18-20=-972/336, 9-20=-334/698, 9-18=-817/373, 10-18=-1394/411, 10-17=-88/525, 11-17=-459/182, 12-15=-56/284, 12-14=-887/387

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; 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 exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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 268 lb uplift at joint 14, 206 lb uplift at joint 2, 655 lb uplift at joint 24 and 747 lb uplift at joint 18.



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Continued on page 2

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Tampa, FL 36610

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 128 lb down and 101 lb up at 7-0-0, 125 lb down and 98 lb up at 9-0-12, 120 lb down and 81 lb up at 11-0-12, 120 lb down and 81 lb up at 13-0-12, 120 lb down and 81 lb up at 15-0-12, 120 lb down and 81 lb up at 17-0-12, and 120 lb down and 81 lb up at 19-0-12, and 125 lb down and 98 lb up at 21-0-12 on top chord, and 86 lb down and 20 lb up at 9-2-4, 88 lb down and 36 lb up at 11-0-12, 88 lb down and 36 lb up at 13-0-12, 88 lb down and 36 lb up at 15-0-12, 88 lb down and 36 lb up at 17-0-12, and 88 lb down and 36 lb up at 19-0-12, and 86 lb down and 20 lb up at 21-0-12 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, 4-13=-54, 2-23=-20, 20-22=-20, 14-19=-20
   Concentrated Loads (lb)
   Vert: 4=-109(F) 7=-95(F) 23=-64(F) 5=-109(F) 28=-95(F) 29=-95(F) 30=-95(F) 31=-95(F) 32=-109(F) 34=-84(F) 35=-84(F) 36=-84(F) 37=-84(F) 38=-84(F) 39=-64(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T09	Half Hip	1	1	T24511371
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:10 2021 Page 1
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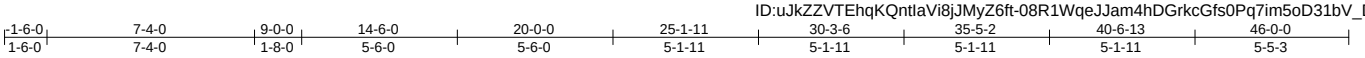

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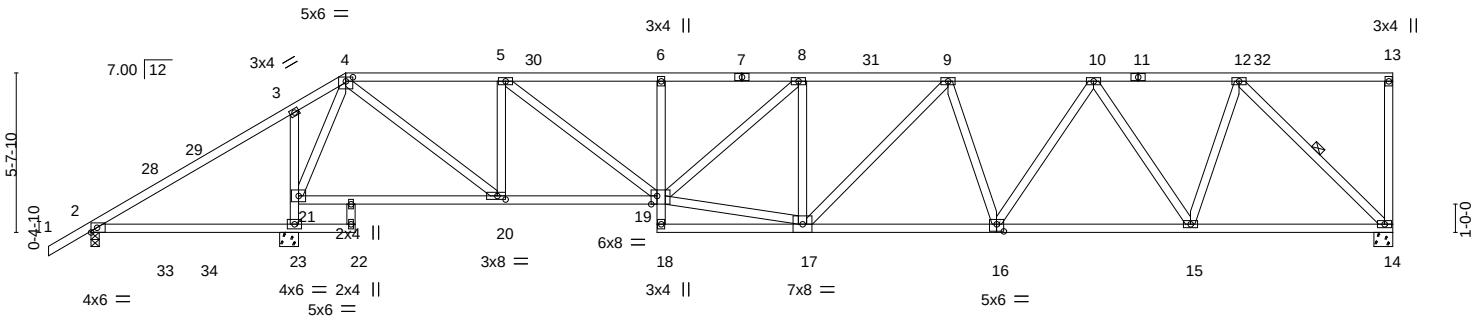


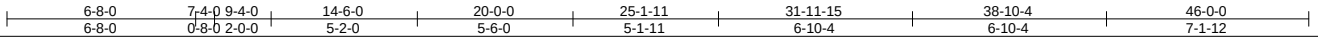


Plate Offsets (X,Y)-- [4:0-3-0,0-1-12], [16:0-3-0,0-3-0], [19:0-2-8,Edge], [20:0-3-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.67	Vert(LL)	-0.19	17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.37	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.05	14	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 278 lb	FT = 20%

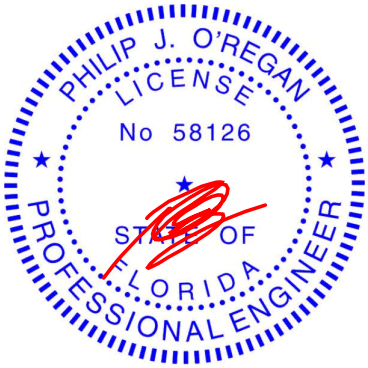
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-18: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
3-4-0 oc bracing: 21-23
WEBS 1 Row at midpt 12-14

REACTIONS. (size) 14=0-8-0, 2=0-3-8, 23=0-8-0
Max Horz 2=207(LC 12)
Max Uplift 14=-380(LC 9), 2=-87(LC 24), 23=-503(LC 9)
Max Grav 14=1387(LC 24), 2=114(LC 1), 23=2017(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-183/487, 3-4=-115/513, 4-5=-1691/487, 5-6=-2601/734, 6-8=-2581/729, 8-9=-2436/673, 9-10=-2271/617, 10-12=-1488/398
BOT CHORD 2-23=-356/64, 21-23=-1890/513, 3-21=-317/226, 19-20=-487/1691, 6-19=-277/136, 16-17=-664/2380, 15-16=-549/1966, 14-15=-337/1202
WEBS 4-21=-1691/467, 4-20=-490/1892, 5-20=-1030/350, 5-19=-315/1149, 17-19=-651/2352, 8-17=-395/192, 9-16=-357/153, 10-16=-126/565, 10-15=-885/280, 12-15=-198/938, 12-14=-1689/476

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 3-1-3, Interior(1) 3-1-3 to 9-0-0, Exterior(2R) 9-0-0 to 15-6-1, Interior(1) 15-6-1 to 45-10-4 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 3x6 MT20 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 380 lb uplift at joint 14, 87 lb uplift at joint 2 and 503 lb uplift at joint 23.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T10	Hip	1	1	T24511372
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:12 2021 Page 1
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1-6-0	4-10-0	9-4-0	11-0-0	15-7-13	20-0-0	26-1-4	32-2-5	38-5-2	46-0-0
1-6-0	4-10-0	4-6-0	1-8-0	4-7-13	4-4-3	6-1-4	6-1-1	6-2-13	7-6-14

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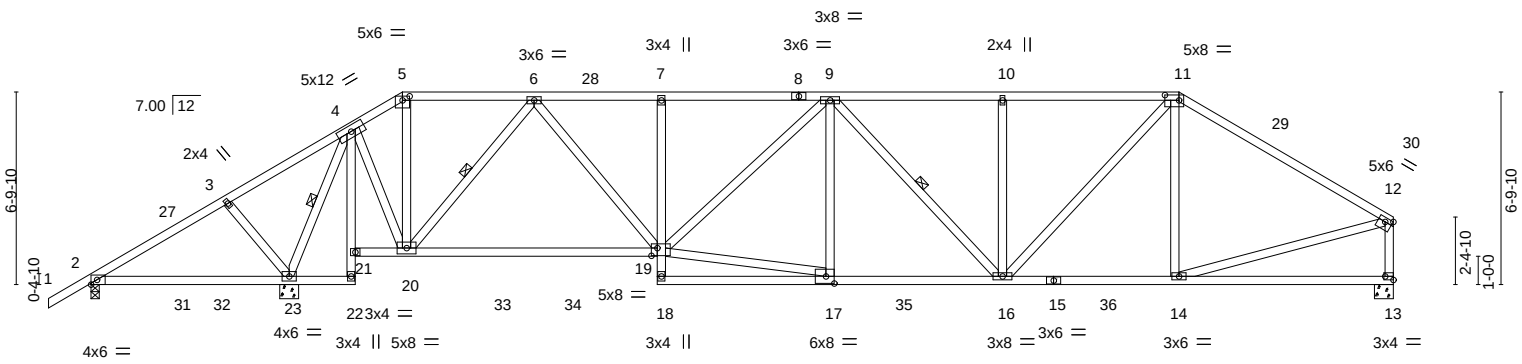


7-0-0	9-4-0	11-0-0	20-0-0	26-1-11	32-2-5	38-5-2	46-0-0
7-0-0	2-4-0	1-8-0	9-0-0	6-1-11	6-0-10	6-2-13	7-6-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.97	Vert(LL)	-0.28	19-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-0.50	19-20	>924	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.07	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 296 lb	FT = 20%

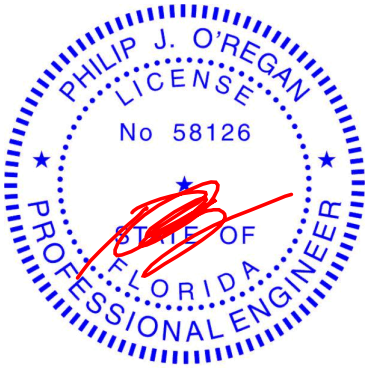
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
4-22,7-18: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-23, 6-20, 9-16

REACTIONS. (size) 2=0-3-8, 23=0-8-0, 13=0-8-0
Max Horz 2=162(LC 12)
Max Uplift 2=-357(LC 26), 23=-586(LC 9), 13=-312(LC 13)
Max Grav 2=98(LC 9), 23=2543(LC 2), 13=1487(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-309/989, 3-4=-306/1121, 4-5=-565/142, 5-6=-472/132, 6-7=-2076/506, 7-9=-2062/507, 9-10=-1997/493, 10-11=-1997/493, 11-12=-1718/371, 12-13=-1366/331
BOT CHORD 2-23=-818/214, 19-20=-318/1360, 7-19=-278/138, 16-17=-441/2115, 14-16=-248/1409
WEBS 3-23=-272/158, 4-23=-2222/481, 4-20=-272/1440, 6-20=-1404/392, 6-19=-232/1134, 17-19=-418/2123, 10-16=-358/182, 11-16=-275/898, 12-14=-243/1366

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 3-1-3, Interior(1) 3-1-3 to 11-0-0, Exterior(2R) 11-0-0 to 17-6-1, Interior(1) 17-6-1 to 38-5-2, Exterior(2R) 38-5-2 to 44-11-3, Interior(1) 44-11-3 to 45-10-4 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) 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 357 lb uplift at joint 2, 586 lb uplift at joint 23 and 312 lb uplift at joint 13.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 29,2021

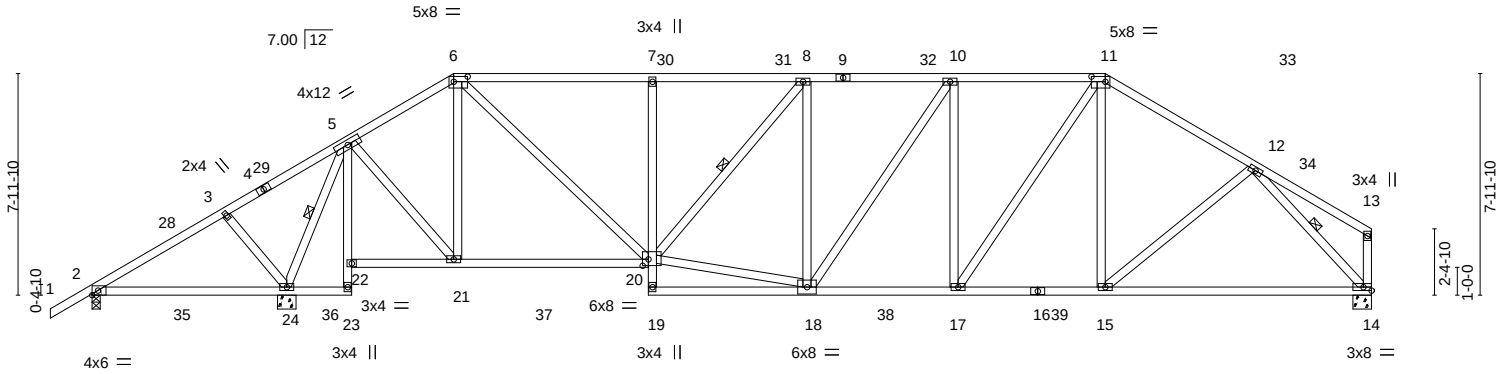
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T11	Hip	1	1	T24511373
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:14 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-uwgYMBhpMpGW9qZczSLb1saXDJ4Gk4RdV7zRoZz1iOl

1-6-0	4-10-0	9-4-0	13-0-0	20-0-0	25-8-7	30-11-14	36-5-2	41-8-5	46-0-0
1-6-0	4-10-0	4-6-0	3-8-0	7-0-0	5-8-7	5-3-7	5-5-4	5-3-3	4-3-11

Scale = 1:82.8



7-0-0	9-4-0	13-0-0	20-0-0	25-5-11	30-11-14	36-5-2	46-0-0
7-0-0	2-4-0	3-8-0	7-0-0	5-5-11	5-6-3	5-5-4	9-6-14

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [11:0-6-0,0-2-4], [20:0-2-8,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	-0.23	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.48	14-15	>974	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.08	14	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 310 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 5-23,7-19: 2x4 SP No.3
WEBS	2x4 SP No.3

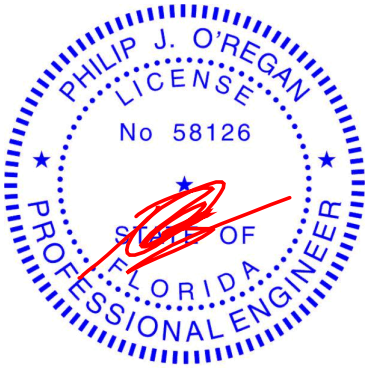
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-1 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-24, 8-20, 12-14

REACTIONS. (size) 2=0-3-8, 24=0-8-0, 14=0-8-0
Max Horz 2=180(LC 12)
Max Uplift 2=-267(LC 26), 24=-524(LC 12), 14=-316(LC 13)
Max Grav 2=77(LC 9), 24=2460(LC 2), 14=1504(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-271/842, 3-5=-267/975, 5-6=-1005/224, 6-7=-1776/426, 7-8=-1762/422, 8-10=-1816/436, 10-11=-1776/454, 11-12=-1723/409
BOT CHORD 2-24=-669/136, 20-21=-169/818, 7-20=-383/187, 17-18=-318/1776, 15-17=-215/1434, 14-15=-254/1178
WEBS 3-24=-270/156, 5-24=-2161/457, 5-21=-240/1241, 6-21=-672/216, 6-20=-331/1322, 18-20=-323/1783, 10-17=-426/210, 11-17=-231/643, 12-15=-115/395, 12-14=-1644/386

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 3-1-3, Interior(1) 3-1-3 to 13-0-0, Exterior(2R) 13-0-0 to 19-6-1, Interior(1) 19-6-1 to 36-5-2, Exterior(2R) 36-5-2 to 42-11-3, Interior(1) 42-11-3 to 45-10-4 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 3x6 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 267 lb uplift at joint 2, 524 lb uplift at joint 24 and 316 lb uplift at joint 14.



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June 29,2021

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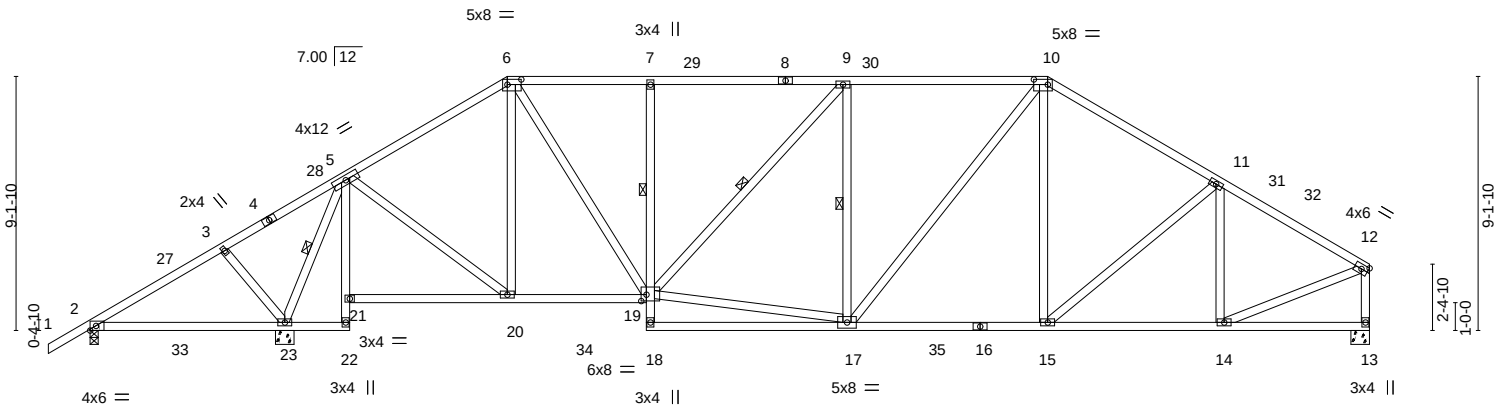
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T12	Hip	1	1	T24511374
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:16 2021 Page 1
ID:uJkZZVTEhqKQntlaVi8jJMyZ6ft-qIoJmti4uQWDP8j?5tN36HfuN7q5C?awzRSYsSz1iOj

1-6-0	4-10-0	9-4-0	15-0-0	20-0-0	27-2-9	34-5-2	40-7-9	46-0-0
1-6-0	4-10-0	4-6-0	5-8-0	5-0-0	7-2-9	7-2-9	6-2-6	5-4-7

Scale = 1:82.8



7-0-0	9-4-0	15-0-0	20-0-0	27-2-9	34-5-2	40-7-9	46-0-0
7-0-0	2-4-0	5-8-0	5-0-0	7-2-9	7-2-9	6-2-6	5-4-7

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [10:0-6-0,0-2-4], [19:0-2-4,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.14	15-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.24	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.08	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 311 lb	FT = 20%

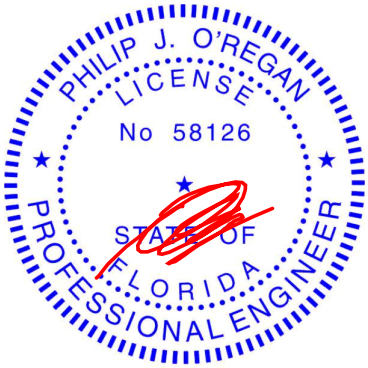
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
5-22,7-18: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 2-23,22-23,21-22.
1 Row at midpt 7-19
WEBS 1 Row at midpt 5-23, 9-19, 9-17

REACTIONS. (size) 2=0-3-8, 23=0-8-0, 13=0-8-0
Max Horz 2=201(LC 9)
Max Uplift 2=-236(LC 26), 23=-525(LC 12), 13=-314(LC 13)
Max Grav 2=69(LC 9), 23=2424(LC 2), 13=1495(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-255/826, 3-5=-251/962, 5-6=-1214/266, 6-7=-1497/344, 7-9=-1494/345, 9-10=-1609/421, 10-11=-1668/416, 11-12=-1598/355, 12-13=-1413/326
BOT CHORD 2-23=-638/85, 19-20=-189/978, 7-19=-344/170, 15-17=-176/1379, 14-15=-253/1338
WEBS 3-23=-256/144, 5-23=-2145/469, 5-20=-190/1161, 6-20=-472/147, 6-19=-256/973, 17-19=-261/1506, 9-17=-370/230, 10-17=-189/447, 10-15=-25/328, 11-14=-370/138, 12-14=-260/1406

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 3-1-3, Interior(1) 3-1-3 to 15-0-0, Exterior(2R) 15-0-0 to 21-6-1, Interior(1) 21-6-1 to 34-5-2, Exterior(2R) 34-5-2 to 40-11-3, Interior(1) 40-11-3 to 45-10-4 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 3x6 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 236 lb uplift at joint 2, 525 lb uplift at joint 23 and 314 lb uplift at joint 13.



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Date:
June 29,2021

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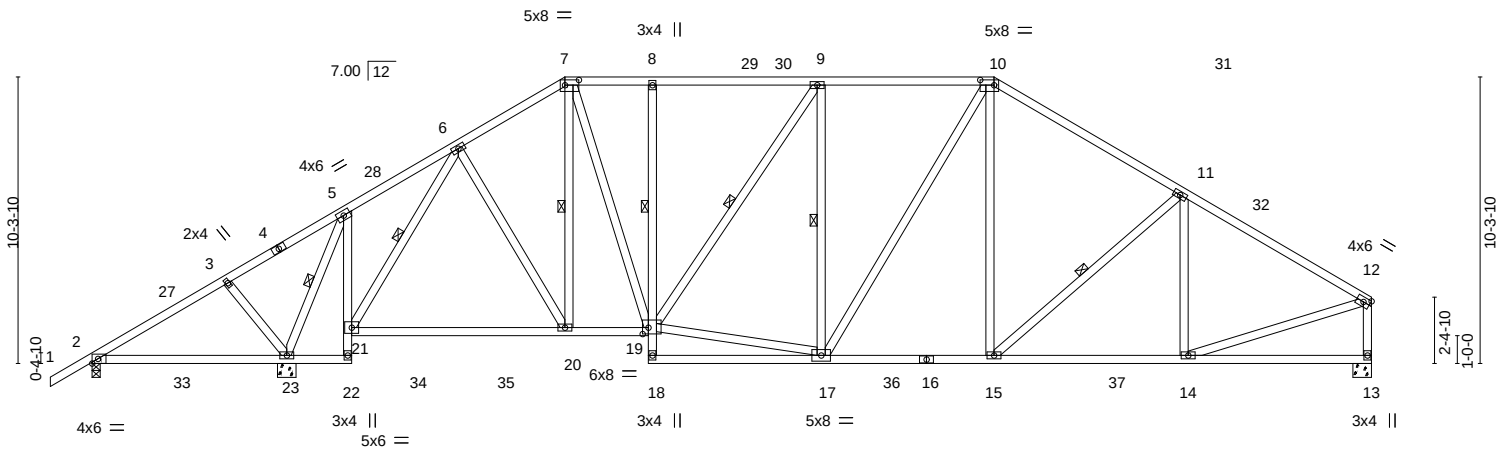
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T13	Hip	1	1	T24511375
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:17 2021 Page 1
ID:uJkZZVTEhqKQntlaVi8jJMyZ6ft-IUMh_Djifke40HIBeauleVC4zX7GxS63C5B5Ouz1iOi

1-6-0	4-10-8	9-4-0	13-2-0	17-0-0	20-0-0	26-2-9	32-5-2	39-3-3	46-0-0
1-6-0	4-10-8	4-5-8	3-10-0	3-10-0	3-0-0	6-2-9	6-2-9	6-10-0	6-8-13

Scale = 1:82.8



7-0-0	9-4-0	17-0-0	20-0-0	26-2-9	32-5-2	39-3-3	46-0-0
7-0-0	2-4-0	7-8-0	3-0-0	6-2-9	6-2-9	6-10-0	6-8-13

Plate Offsets (X,Y)-- [7:0-6-0,0-2-4], [10:0-6-0,0-2-4], [19:0-2-8,0-2-12]

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	0.51	Vert(LL)	-0.19	20-21	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.77	Vert(CT)	-0.33	20-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.09	13	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 335 lb	FT = 20%

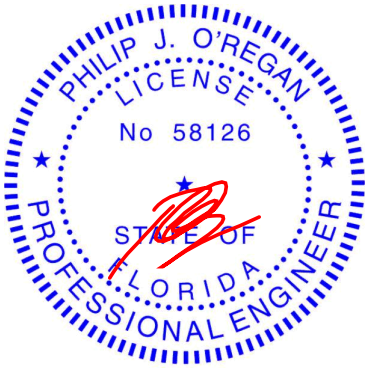
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
8-18: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 2-23,21-22.
1 Row at midpt 8-19
WEBS 1 Row at midpt 5-23, 6-21, 7-20, 9-19, 9-17, 11-15

REACTIONS. (size) 2=0-3-8, 23=0-8-0, 13=0-8-0
Max Horz 2=227(LC 9)
Max Uplift 2=-208(LC 26), 23=-519(LC 12), 13=-315(LC 13)
Max Grav 2=58(LC 9), 23=2423(LC 2), 13=1522(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-234/848, 3-5=-229/982, 6-7=-1307/312, 7-8=-1307/335, 8-9=-1307/335, 9-10=-1425/401, 10-11=-1625/418, 11-12=-1737/377, 12-13=-1421/330
BOT CHORD 2-23=-604/54, 5-21=-166/1328, 20-21=-160/814, 19-20=-178/1085, 8-19=-263/130, 15-17=-140/1334, 14-15=-256/1446
WEBS 3-23=-276/156, 5-23=-2142/453, 6-21=-1413/223, 6-20=-75/572, 7-19=-220/708, 17-19=-199/1287, 9-19=-255/119, 9-17=-305/214, 10-17=-167/309, 10-15=-64/449, 11-15=-269/154, 11-14=-260/123, 12-14=-246/1457

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 3-1-3, Interior(1) 3-1-3 to 17-0-0, Exterior(2R) 17-0-0 to 23-6-1, Interior(1) 23-6-1 to 32-5-2, Exterior(2R) 32-5-2 to 38-11-3, Interior(1) 38-11-3 to 45-10-4 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 3x6 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 2, 519 lb uplift at joint 23 and 315 lb uplift at joint 13.



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Date:
June 29,2021

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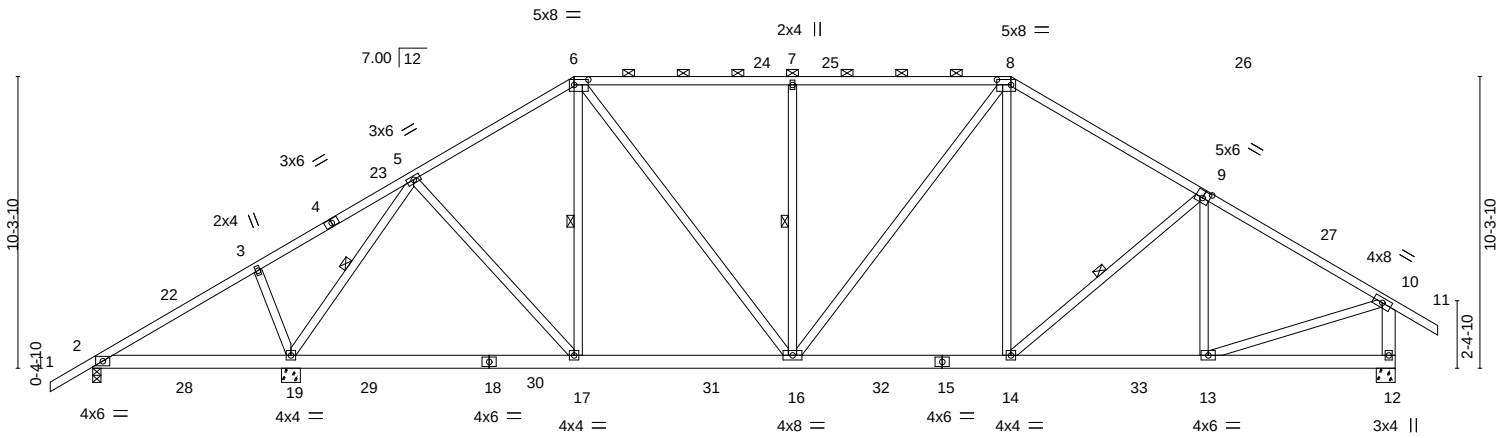
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T14	Piggyback Base	1	1	T24511376
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:19 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-FtURPvlyBLvoGbSam?wmkwHL7KtfPKAMfPgCTnz1iOg

1-6-0	5-10-0	11-4-0	17-0-0	24-8-9	32-5-2	39-3-0	46-0-0	47-6-0
1-6-0	5-10-0	5-6-0	5-8-0	7-8-9	7-8-9	6-9-14	6-9-0	1-6-0

Scale = 1:81.4



7-0-0	17-0-0	24-8-9	32-5-2	39-3-0	46-0-0
7-0-0	10-0-0	7-8-9	7-8-9	6-9-14	6-9-0

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [8:0-6-0,0-2-4], [9:0-3-0,0-3-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.10	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.17	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.04	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 331 lb	FT = 20%

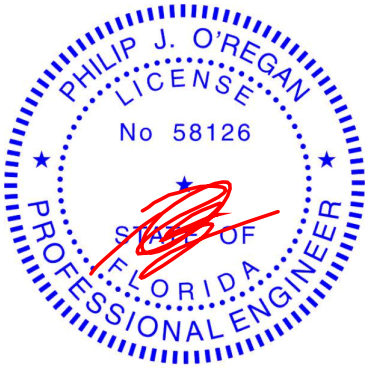
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
6-16,8-16: 2x4 SP No.2, 10-12: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-4 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-8 max.): 6-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-19.
WEBS 1 Row at midpt 5-19, 6-17, 7-16, 9-14

REACTIONS. (size) 2=0-3-8, 19=0-8-0, 12=0-8-0
Max Horz 2=264(LC 11)
Max Uplift 2=-35(LC 8), 19=-434(LC 12), 12=-344(LC 13)
Max Grav 2=219(LC 23), 19=2160(LC 2), 12=1674(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-118/283, 3-5=-82/357, 5-6=-1444/321, 6-7=-1577/376, 7-8=-1577/376, 8-9=-1750/405, 9-10=-1820/369, 10-12=-1561/358
BOT CHORD 2-19=-261/184, 17-19=-206/821, 16-17=-219/1188, 14-16=-146/1445, 13-14=-240/1511
WEBS 3-19=-275/182, 5-19=-1853/361, 5-17=-108/656, 6-16=-212/681, 7-16=-482/238, 8-16=-184/330, 8-14=-54/466, 9-13=-279/111, 10-13=-205/1500

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 3-1-3, Interior(1) 3-1-3 to 17-0-0, Exterior(2R) 17-0-0 to 23-6-1, Interior(1) 23-6-1 to 32-5-2, Exterior(2R) 32-5-2 to 38-11-3, Interior(1) 38-11-3 to 47-6-0 zone; end vertical right exposed; 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) 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 35 lb uplift at joint 2, 434 lb uplift at joint 19 and 344 lb uplift at joint 12.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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June 29,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T15	Piggyback Base	2	1	T24511377
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:20 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-j31pcEmayf1ftl1mKjR?G7qWtk8O8kUWu3Ql?Dz1iOf

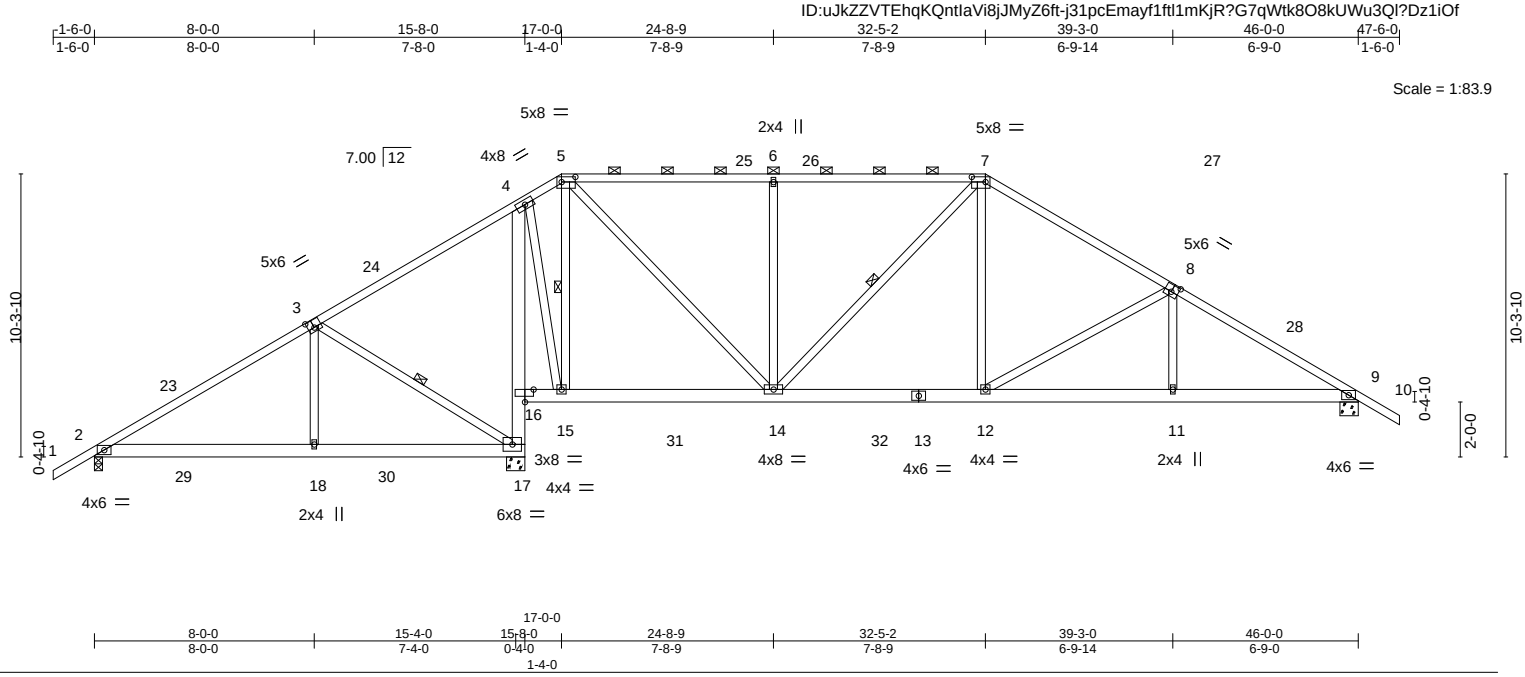


Plate Offsets (X,Y)-- [3:0-2-12,0-3-4], [5:0-6-0,0-2-4], [7:0-6-0,0-2-4], [8:0-3-0,0-3-0], [16:0-3-12,Edge]

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	0.72	Vert(LL)	-0.09	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.15	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.84	Horz(CT)	0.02	9	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 320 lb	FT = 20%

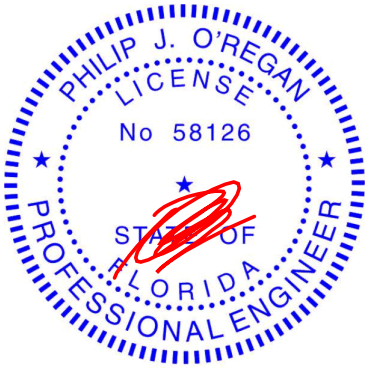
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-11 oc purlins, except
2-0-0 oc purlins (5-1-8 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
5-5-12 oc bracing: 16-17
6-0-0 oc bracing: 15-16.
WEBS 1 Row at midpt 3-17, 5-15, 7-14

REACTIONS. (size) 2=0-3-8, 17=0-8-0, 9=0-8-0
Max Horz 2=219(LC 9)
Max Uplift 2=-137(LC 12), 17=-414(LC 9), 9=-323(LC 13)
Max Grav 2=595(LC 25), 17=2039(LC 2), 9=1289(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-611/441, 3-4=-102/344, 5-6=-994/353, 6-7=-994/353, 7-8=-1434/408, 8-9=-2004/492
BOT CHORD 2-18=-351/467, 17-18=-356/473, 16-17=-1579/286, 4-16=-1453/241, 12-14=-117/1177, 11-12=-320/1684, 9-11=-320/1683
WEBS 3-18=-313/379, 3-17=-699/473, 4-15=-136/1095, 5-15=-962/206, 5-14=-232/1260, 6-14=-486/238, 7-14=-345/74, 7-12=-76/635, 8-12=-700/247, 8-11=0/299

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 3-1-3, Interior(1) 3-1-3 to 17-0-0, Exterior(2R) 17-0-0 to 23-6-1, Interior(1) 23-6-1 to 32-5-2, Exterior(2R) 32-5-2 to 38-11-3, Interior(1) 38-11-3 to 47-6-0 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) 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 137 lb uplift at joint 2, 414 lb uplift at joint 17 and 323 lb uplift at joint 9.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES. T24511378
2845635	T16	Piggyback Base	4	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:22 2021 Page 1
ID:uJkZZVTEhqKQntlaVi8jJMyZ6ft-fS9a1wnqUGHN73A9R7UTLYvsTYtCcefoLNvs45z1iOd

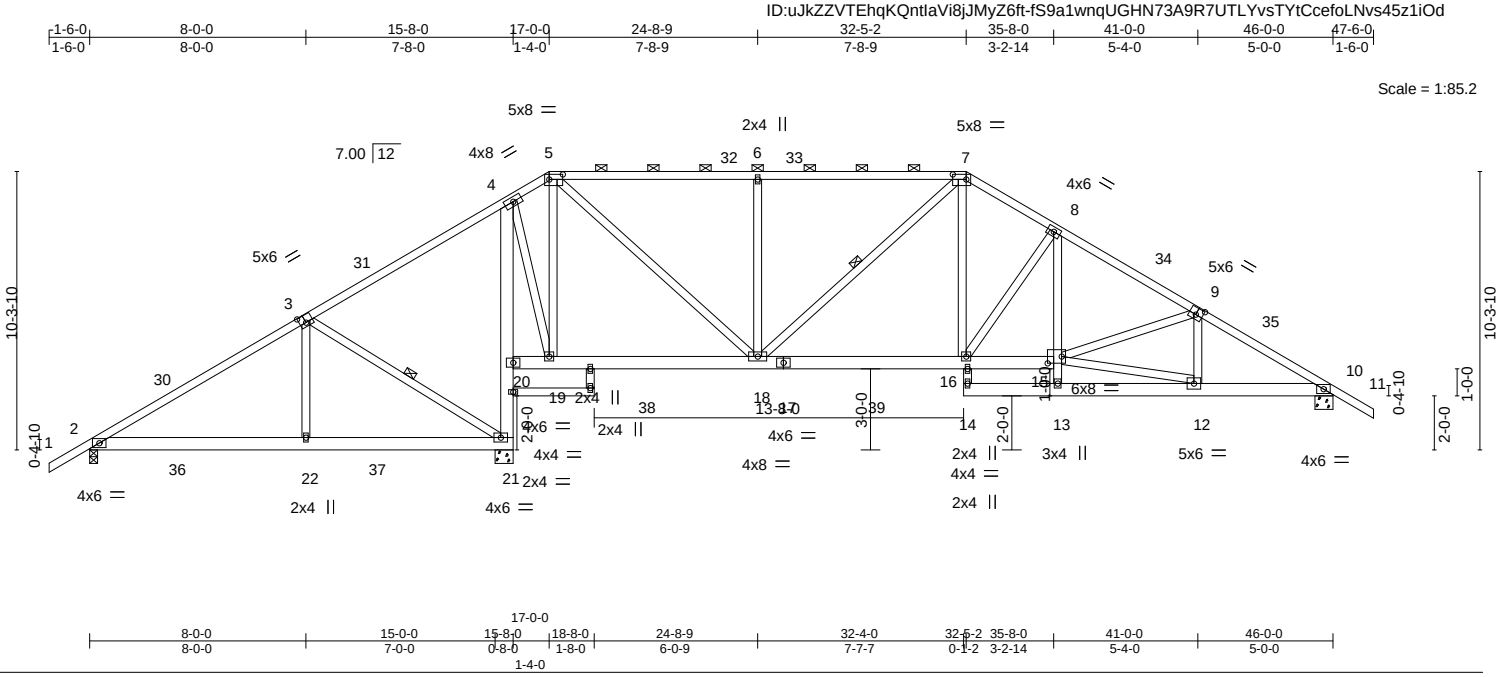


Plate Offsets (X,Y)-- [3:0-2-12,0-3-4], [5:0-6-0,0-2-4], [7:0-6-0,0-2-4], [9:0-3-0,0-3-0], [15:0-6-4,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.71	Vert(LL)	-0.16	14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.31	14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 345 lb	FT = 20%

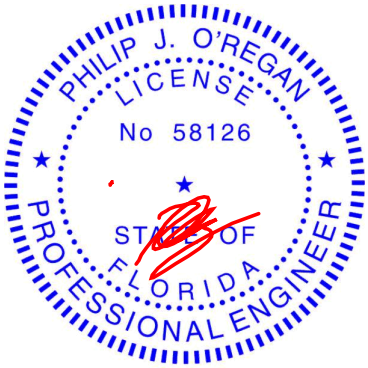
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except* 8-13,23-24: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-3 oc purlins, except 2-0-0 oc purlins (4-6-12 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 5-5-15 oc bracing: 20-21. 10-0-0 oc bracing: 13-15
WEBS 1 Row at midpt 3-21, 7-18

REACTIONS. (size) 2=0-3-8, 10=0-8-0, 21=0-8-0
Max Horz 2=219(LC 9)
Max Uplift 2=-151(LC 12), 10=-323(LC 13), 21=-405(LC 9)
Max Grav 2=620(LC 25), 10=1375(LC 20), 21=2030(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-661/483, 3-4=-132/317, 4-5=-296/263, 5-6=-1221/387, 6-7=-1221/387, 7-8=-1721/454, 8-9=-2237/490, 9-10=-2206/501
BOT CHORD 2-22=-383/510, 21-22=-388/515, 20-21=-1573/258, 4-20=-1481/232, 16-18=-127/1472, 15-16=-232/1880, 13-15=0/292, 8-15=-61/679, 10-12=-347/1879
WEBS 3-22=-313/382, 3-21=-700/470, 4-19=-143/1123, 5-19=-941/184, 5-18=-219/1380, 6-18=-483/233, 7-18=-414/47, 7-16=-121/920, 8-16=-809/191, 12-15=-308/1740, 9-12=-251/88

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 3-1-3, Interior(1) 3-1-3 to 17-0-0, Exterior(2R) 17-0-0 to 23-6-1, Interior(1) 23-6-1 to 32-5-2, Exterior(2R) 32-5-2 to 38-11-3, Interior(1) 38-11-3 to 47-6-0 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) 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 151 lb uplift at joint 2, 323 lb uplift at joint 10 and 405 lb uplift at joint 21.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T17	Piggyback Base	3	1	T24511379
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:24 2021 Page 1
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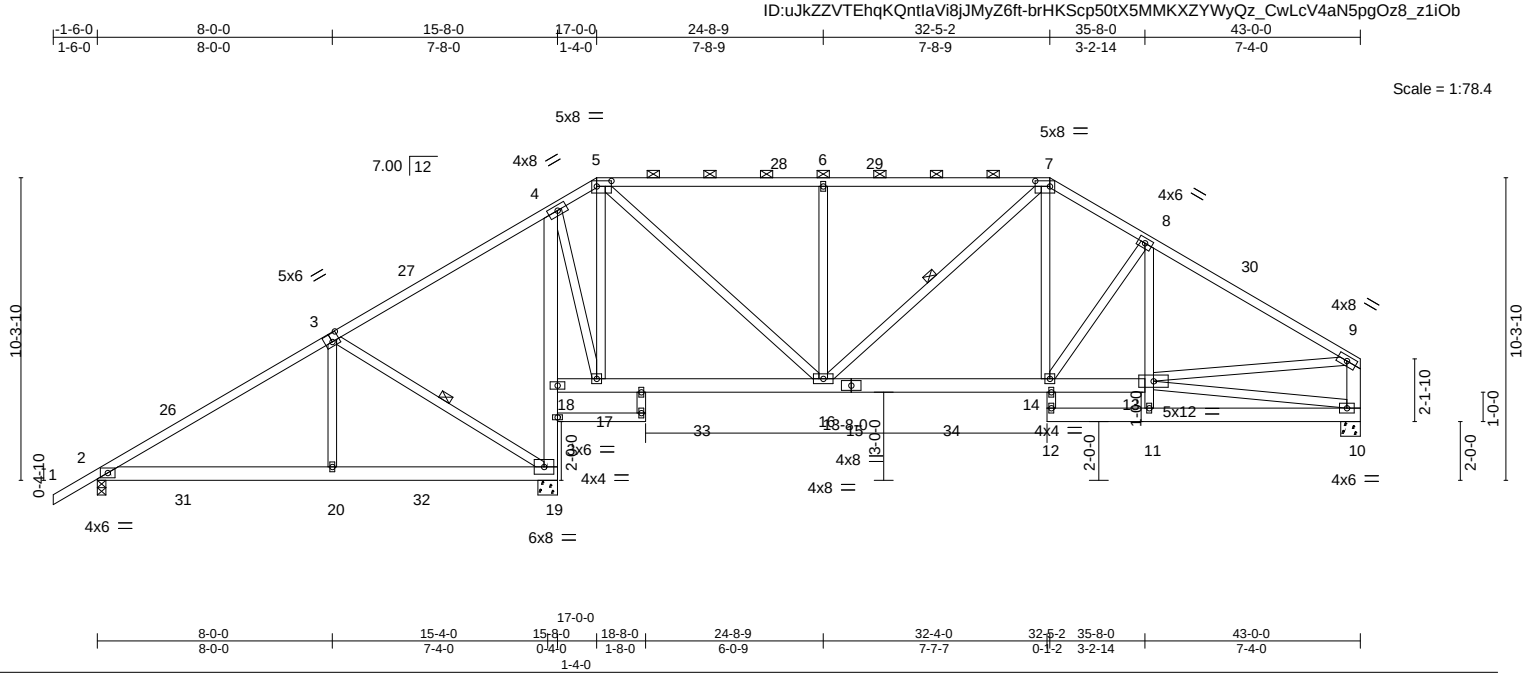


Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-4], [7:0-6-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.10	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.19	12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 335 lb	FT = 20%

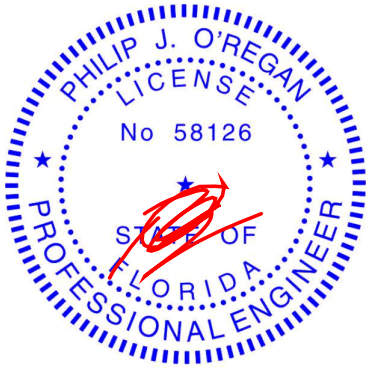
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
8-11,21-22: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
9-10: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-10 oc purlins, except end verticals, and 2-0-0 oc purlins (4-10-11 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 18-19.
10-0-0 oc bracing: 11-13
WEBS 1 Row at midpt 3-19, 7-16

REACTIONS. (size) 2=0-3-8, 10=0-8-0, 19=0-8-0
Max Horz 2=249(LC 12)
Max Uplift 2=-126(LC 12), 10=-240(LC 13), 19=-419(LC 9)
Max Grav 2=639(LC 25), 10=1180(LC 26), 19=1857(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-698/432, 4-5=-298/195, 5-6=-1077/312, 6-7=-1077/312, 7-8=-1375/357, 8-9=-1626/328, 9-10=-1084/262
BOT CHORD 2-20=-384/542, 19-20=-389/547, 18-19=-1397/282, 4-18=-1355/260, 14-16=-126/1159, 13-14=-194/1329, 11-13=0/300
WEBS 3-20=-308/378, 3-19=-696/460, 4-17=-153/1011, 5-17=-785/196, 5-16=-204/1158, 6-16=-484/233, 7-14=-71/616, 8-14=-402/126, 9-13=-161/1248

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 2-9-10, Interior(1) 2-9-10 to 17-0-0, Exterior(2R) 17-0-0 to 23-1-0, Interior(1) 23-1-0 to 32-5-2, Exterior(2R) 32-5-2 to 38-6-2, Interior(1) 38-6-2 to 42-9-4 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 2x4 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 126 lb uplift at joint 2, 240 lb uplift at joint 10 and 419 lb uplift at joint 19.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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June 29,2021

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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T18	Piggyback Base	2	1	T24511380
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:25 2021 Page 1
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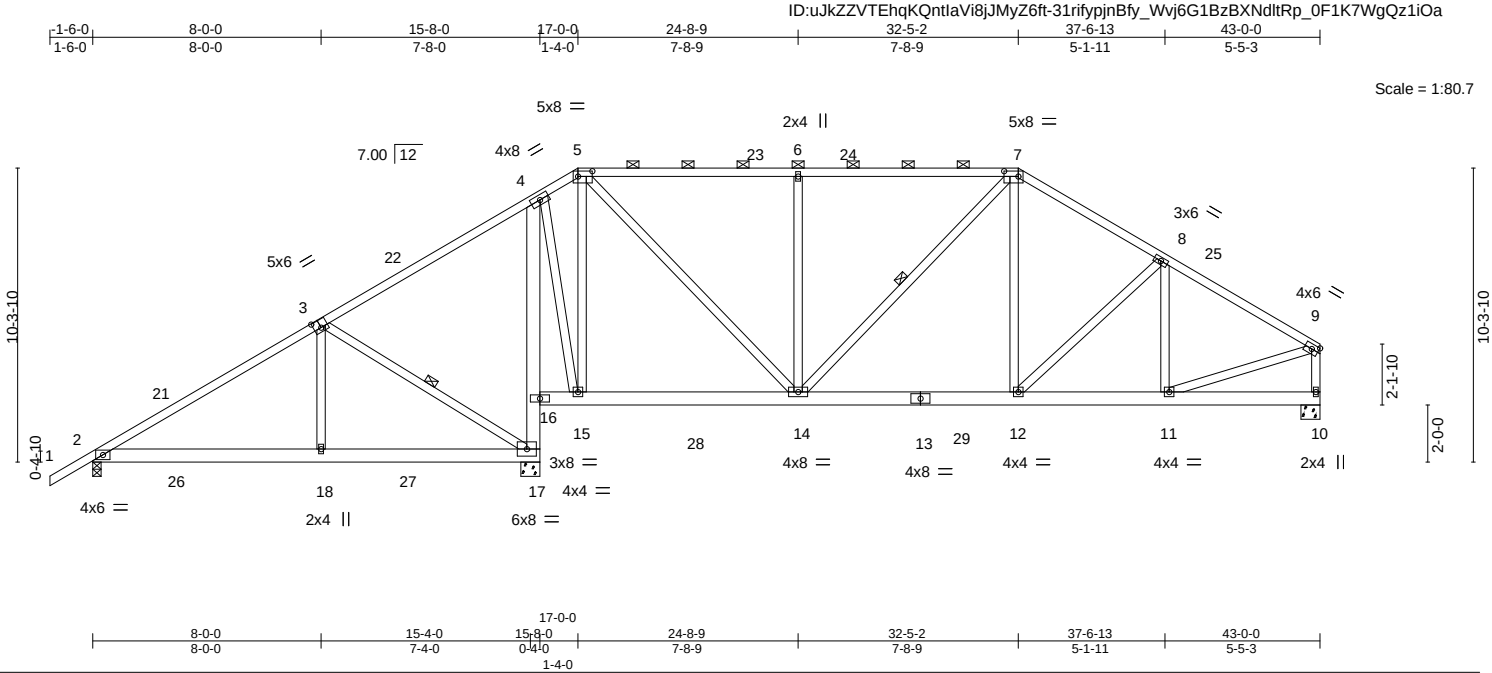


Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-4], [7:0-6-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.06	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.11	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 315 lb	FT = 20%

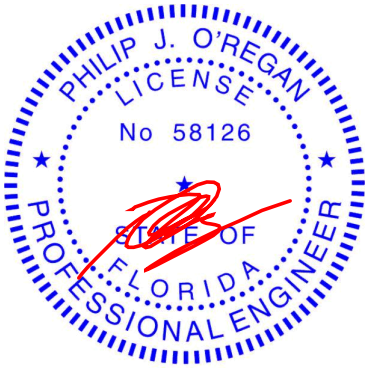
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-10 oc purlins, except end verticals, and 2-0-0 oc purlins (5-5-2 max.): 5-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 16-17,15-16.
WEBS 1 Row at midpt 3-17, 7-14

REACTIONS. (size) 2=0-3-8, 17=0-8-0, 10=0-8-0
Max Horz 2=249(LC 12)
Max Uplift 2=-118(LC 12), 17=-426(LC 9), 10=-247(LC 13)
Max Grav 2=626(LC 25), 17=1857(LC 2), 10=1101(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-670/402, 5-6=-902/290, 6-7=-902/290, 7-8=-1142/328, 8-9=-1203/289, 9-10=-1008/257
BOT CHORD 2-18=-362/518, 17-18=-367/524, 16-17=-1395/301, 4-16=-1331/267, 12-14=-120/939, 11-12=-192/993
WEBS 3-18=-308/376, 3-17=-695/462, 4-15=-145/987, 5-15=-792/206, 5-14=-206/1060, 6-14=-485/235, 7-12=-39/398, 9-11=-178/994

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 2-9-10, Interior(1) 2-9-10 to 17-0-0, Exterior(2R) 17-0-0 to 23-1-0, Interior(1) 23-1-0 to 32-5-2, Exterior(2R) 32-5-2 to 38-6-2, Interior(1) 38-6-2 to 42-10-4 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) 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 118 lb uplift at joint 2, 426 lb uplift at joint 17 and 247 lb uplift at joint 10.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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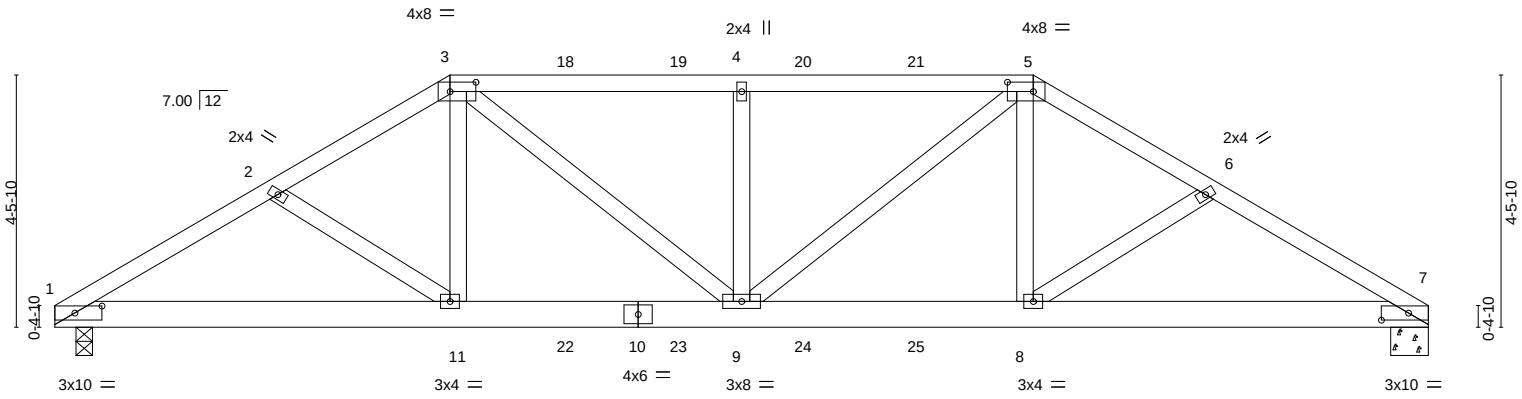
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T19	Hip Girder	1	1	T24511381
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:27 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-0QzT4erzJovgDq36Eh4f2cciZZWqH08YVecdlJz1iOY

3-11-6	7-0-0	12-2-0	17-4-0	20-4-10	24-4-0
3-11-6	3-0-10	5-2-0	5-2-0	3-0-10	3-11-6

Scale = 1:40.8



0-4-8	7-0-0	12-2-0	17-4-0	24-4-0
0-4-8	6-7-8	5-2-0	5-2-0	7-0-0

Plate Offsets (X,Y)-- [1:0-5-12,0-1-8], [3:0-5-8,0-2-0], [5:0-5-8,0-2-0], [7:0-5-12,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.13	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.24	9-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.39	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 142 lb	FT = 20%

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

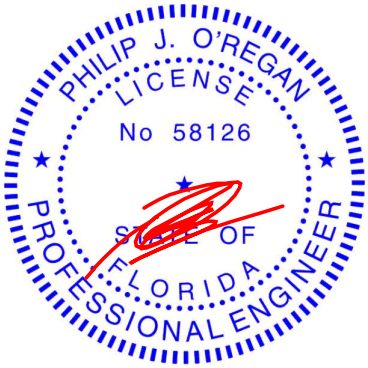
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-4-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-3-10 oc bracing.

REACTIONS. (size) 1=0-3-8, 7=0-8-0
Max Horz 1=-90(LC 4)
Max Uplift 1=-668(LC 8), 7=-655(LC 9)
Max Grav 1=1839(LC 1), 7=1791(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2986/1132, 2-3=-2879/1121, 3-4=-3257/1276, 4-5=-3257/1276, 5-6=-3112/1211, 6-7=-3260/1246
BOT CHORD 1-11=-970/2496, 9-11=-925/2486, 8-9=-960/2674, 7-8=-1024/2788
WEBS 3-11=-124/530, 3-9=-431/1030, 4-9=-729/413, 5-9=-324/794, 5-8=-203/692

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) 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 668 lb uplift at joint 1 and 655 lb uplift at joint 7.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 128 lb down and 101 lb up at 7-0-0, 125 lb down and 98 lb up at 9-0-12, 125 lb down and 98 lb up at 11-0-12, 125 lb down and 91 lb up at 12-2-0, 125 lb down and 98 lb up at 13-3-4, and 125 lb down and 98 lb up at 15-3-4, and 227 lb down and 196 lb up at 17-4-0 on top chord, and 335 lb down and 201 lb up at 7-0-0, 86 lb down and 20 lb up at 9-0-12, 86 lb down and 20 lb up at 11-0-12, 86 lb down and 20 lb up at 12-2-0, 86 lb down and 20 lb up at 13-3-4, and 86 lb down and 20 lb up at 15-3-4, and 335 lb down and 201 lb up at 17-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 5-7=-54, 1-7=-20



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Date:
June 29,2021

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

Concentrated Loads (lb)

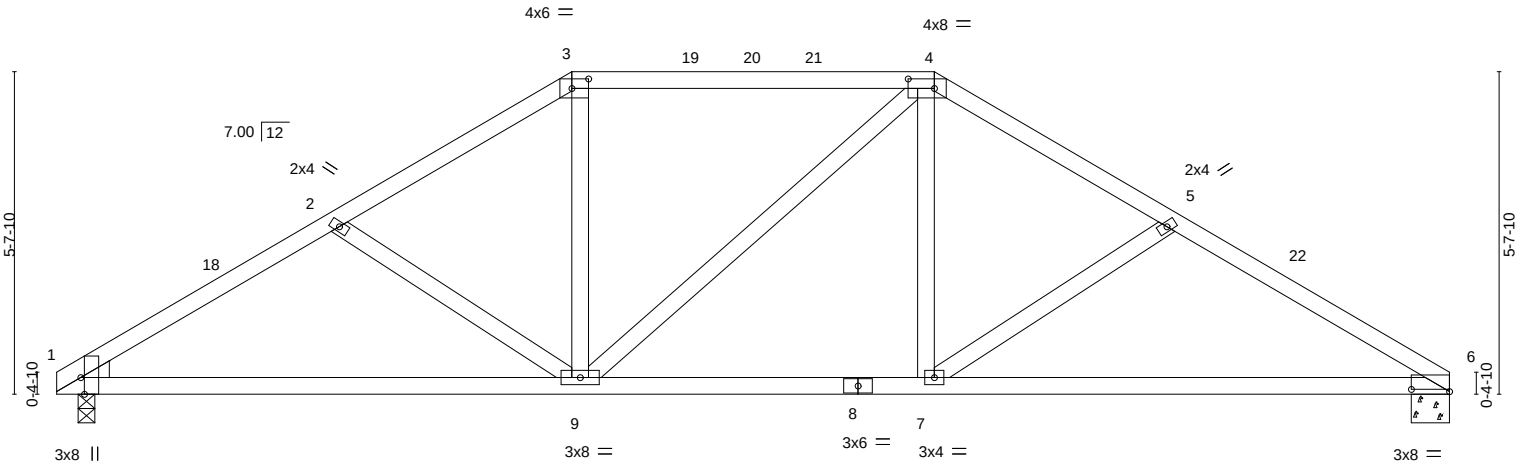
Vert: 3=-109(F) 5=-180(F) 11=-335(F) 9=-64(F) 4=-109(F) 8=-335(F) 18=-109(F) 19=-109(F) 20=-109(F) 21=-109(F) 22=-64(F) 23=-64(F) 24=-64(F) 25=-64(F)

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T20	Hip	1	1	T24511382
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:28 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-UcWrIzsb361Xr_eIoObubp9xpzv70X2hjIMAHlz1iOX

4-11-4 | 9-0-0 | 15-4-0 | 19-4-12 | 24-4-0
4-11-4 | 4-0-12 | 6-4-0 | 4-0-12 | 4-11-4

Scale = 1:40.3



0-4-8 | 9-0-0 | 15-4-0 | 24-4-0
0-4-8 | 8-7-8 | 6-4-0 | 9-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	-0.15	7-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.32	7-12	>911	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 119 lb	FT = 20%

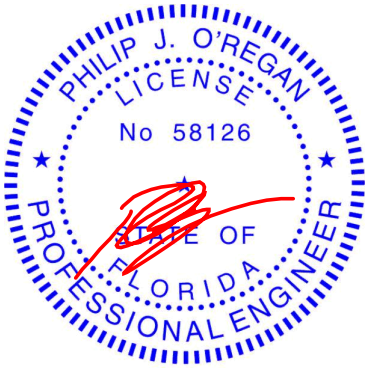
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-8-0, 1=0-3-8
Max Horz 1=-116(LC 8)
Max Uplift 6=-188(LC 13), 1=-193(LC 12)
Max Grav 6=886(LC 1), 1=914(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1338/300, 2-3=-1144/253, 3-4=-948/252, 4-5=-1177/261, 5-6=-1402/317
BOT CHORD 1-9=-272/1107, 7-9=-101/971, 6-7=-215/1186
WEBS 3-9=-32/340, 4-7=-52/379, 5-7=-297/167

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) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 9-0-0, Exterior(2R) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 15-4-0, Exterior(2R) 15-4-0 to 19-6-6, Interior(1) 19-6-6 to 24-4-0 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 188 lb uplift at joint 6 and 193 lb uplift at joint 1.



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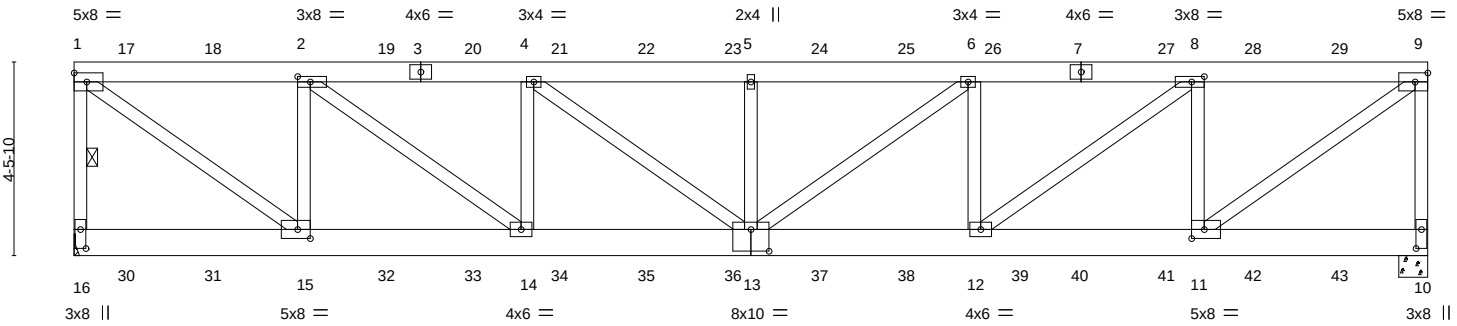
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T21	Flat Girder	1	1	T24511383
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:30 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-Q?ebiftsbjHE4HohvpdMgEEA_mieUH2_BcrHMez1iOV

5-3-10	10-5-9	15-7-7	20-9-5	25-11-4	31-2-14
5-3-10	5-1-14	5-1-14	5-1-14	5-1-14	5-3-10

Scale = 1:53.2



5-3-10	10-5-9	15-7-7	20-9-5	25-11-4	31-2-14
5-3-10	5-1-14	5-1-14	5-1-14	5-1-14	5-3-10

Plate Offsets (X,Y)-- [2:0-3-8,0-1-8], [8:0-3-8,0-1-8], [10:0-5-4,0-1-8], [11:0-3-8,0-2-8], [13:0-5-0,0-6-0], [15:0-3-8,0-2-8], [16:0-5-4,0-1-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	1.00	Vert(LL)	0.21	13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.37	13	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.83	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 258 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* 1-15,2-14,4-13,6-13,8-12,9-11: 2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-0-14 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 9-7-1 oc bracing.
WEBS	1 Row at midpt 1-16

REACTIONS. (size) 16=Mechanical, 10=0-8-0
Max Uplift 16=-883(LC 4), 10=-862(LC 4)
Max Grav 16=2486(LC 1), 10=2438(LC 1)

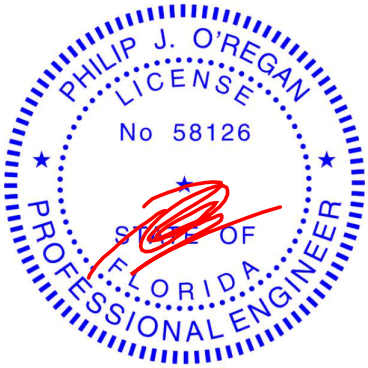
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-16=-2342/875, 1-2=-2782/989, 2-4=-4395/1562, 4-5=-4905/1741, 5-6=-4905/1741, 6-8=-4390/1560, 8-9=-2774/986, 9-10=-2319/857
BOT CHORD	14-15=-989/2782, 13-14=-1562/4395, 12-13=-1560/4390, 11-12=-986/2774
WEBS	1-15=-1229/3464, 2-15=-1839/778, 2-14=-721/2029, 4-14=-944/442, 4-13=-225/642, 5-13=-555/309, 6-13=-229/649, 6-12=-946/442, 8-12=-722/2032, 8-11=-1837/776, 9-11=-1226/3455

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; 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) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 883 lb uplift at joint 16 and 862 lb uplift at joint 10.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 125 lb down and 84 lb up at 1-2-2, 125 lb down and 84 lb up at 3-2-2, 125 lb down and 84 lb up at 5-2-2, 125 lb down and 84 lb up at 7-2-2, 125 lb down and 84 lb up at 9-2-2, 125 lb down and 84 lb up at 11-2-2, 125 lb down and 84 lb up at 13-2-2, 125 lb down and 84 lb up at 15-2-2, 125 lb down and 84 lb up at 17-2-2, 125 lb down and 84 lb up at 19-2-2, 125 lb down and 84 lb up at 21-2-2, 125 lb down and 84 lb up at 23-2-2, 125 lb down and 84 lb up at 25-2-2, 125 lb down and 84 lb up at 27-2-2, and 125 lb down and 84 lb up at 29-2-2, and 46 lb down and 17 lb up at 31-1-2 on top chord, and 86 lb down and 20 lb up at 1-2-2, 86 lb down and 20 lb up at 3-2-2, 86 lb down and 20 lb up at 5-2-2, 86 lb down and 20 lb up at 7-2-2, 86 lb down and 20 lb up at 9-2-2, 86 lb down and 20 lb up at 11-2-2, 86 lb down and 20 lb up at 13-2-2, 86 lb down and 20 lb up at 15-2-2, 86 lb down and 20 lb up at 17-2-2, 86 lb down and 20 lb up at 19-2-2, 86 lb down and 20 lb up at 21-2-2, 86 lb down and 20 lb up at 23-2-2, 86 lb down and 20 lb up at 25-2-2, and 86 lb down and 20 lb up at 27-2-2, and 86 lb down and 20 lb up at 29-2-2 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2



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LOAD CASE(S) Standard

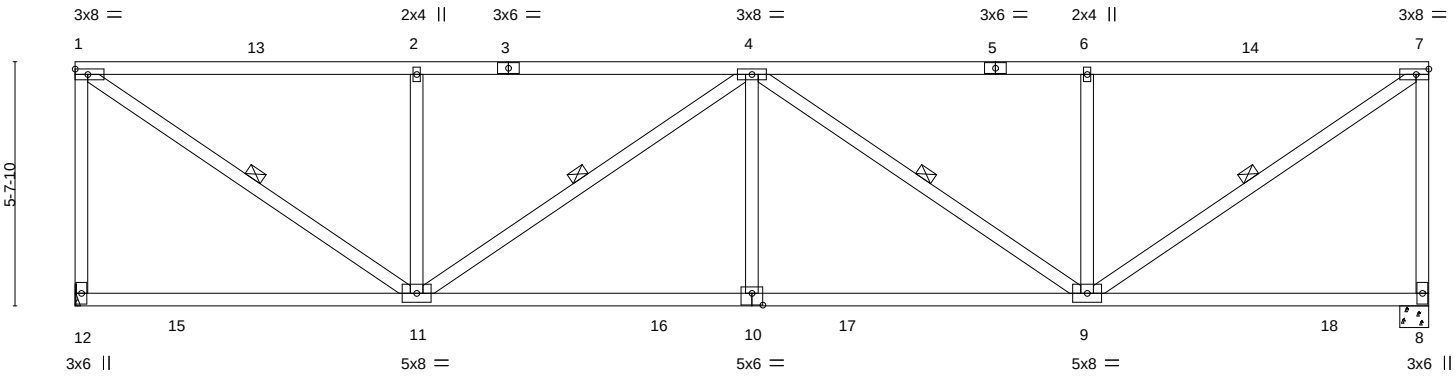
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-9=-54, 10-16=-20
   Concentrated Loads (lb)
   Vert: 9=-25 15=-64(B) 2=-109(B) 7=-109(B) 17=-109(B) 18=-109(B) 19=-109(B) 20=-109(B) 21=-109(B) 22=-109(B) 23=-109(B) 24=-109(B) 25=-109(B) 26=-109(B) 27=-109(B) 28=-109(B) 29=-109(B) 30=-64(B) 31=-64(B) 32=-64(B) 33=-64(B) 34=-64(B) 35=-64(B) 36=-64(B) 37=-64(B) 38=-64(B) 39=-64(B) 40=-64(B) 41=-64(B) 42=-64(B) 43=-64(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T22	Flat	1	1	T24511384
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:31 2021 Page 1
ID:uJkZZVTEhqKQntlaVi8jJMyZ6ft-uBCzw?uUM1P5iRMtTW8bDSnNeAvzDms7QGaqu4z1iOU

7-10-9 | 15-7-7 | 23-4-4 | 31-2-14
7-10-9 | 7-8-13 | 7-8-13 | 7-10-10

Scale = 1:53.2



7-10-9 | 15-7-7 | 23-4-4 | 31-2-14
7-10-9 | 7-8-13 | 7-8-13 | 7-10-10

Plate Offsets (X,Y)-- [10:0-3-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.88	Vert(LL)	-0.14	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.26	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 184 lb	FT = 20%

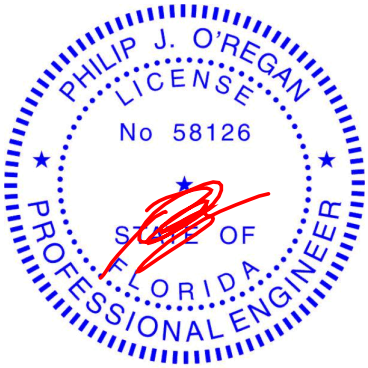
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-1 oc bracing.
WEBS 1 Row at midpt 1-11, 4-11, 4-9, 7-9

REACTIONS. (size) 12=Mechanical, 8=0-8-0
Max Uplift 12=-310(LC 8), 8=-310(LC 8)
Max Grav 12=1288(LC 2), 8=1288(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-1141/521, 1-2=-1467/573, 2-4=-1467/573, 4-6=-1467/573, 6-7=-1467/573, 7-8=-1141/521
BOT CHORD 10-11=-743/1933, 9-10=-743/1933
WEBS 1-11=-682/1748, 2-11=-456/325, 4-11=-566/206, 4-10=0/373, 4-9=-566/206, 6-9=-456/325, 7-9=-682/1748

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 Corner(3) 0-1-12 to 4-1-12, Exterior(2) 4-1-12 to 27-1-2, Corner(3) 27-1-2 to 31-1-2 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) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 310 lb uplift at joint 12 and 310 lb uplift at joint 8.



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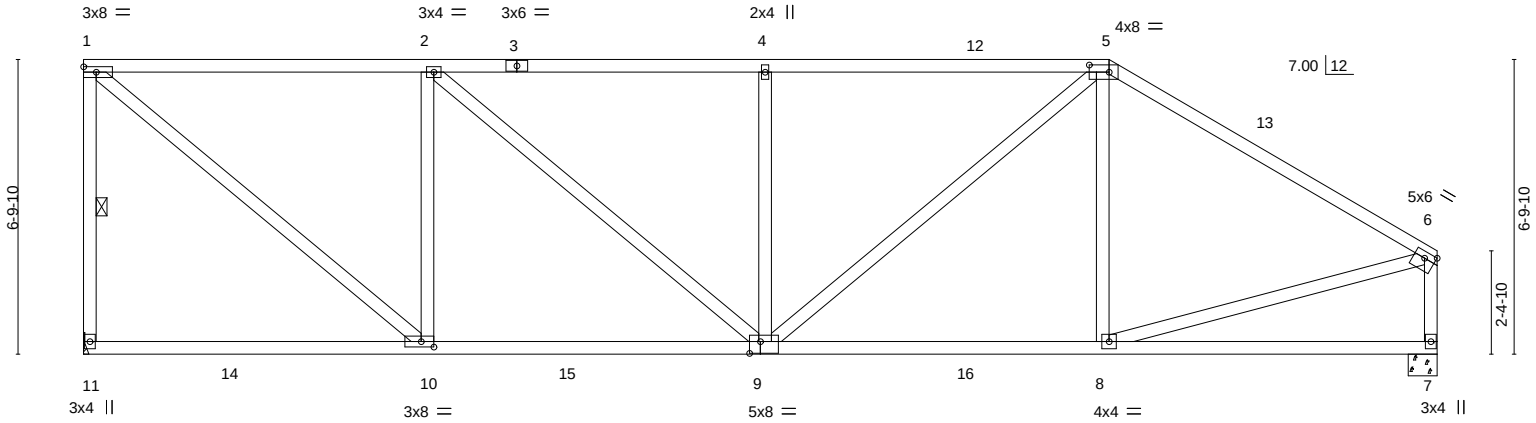
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T23	Roof Special	1	1	T24511385
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:32 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-MNmM7Lv67LXyKbx41EfqlfKYoaFMyC6HewKOQWz1iOT

7-11-4 | 15-8-12 | 23-8-0 | 31-2-14
7-11-4 | 7-9-8 | 7-11-4 | 7-6-14

Scale = 1:53.2



7-11-4 | 15-8-12 | 23-8-0 | 31-2-14
7-11-4 | 7-9-8 | 7-11-4 | 7-6-14

Plate Offsets (X,Y)-- [5:0-5-8,0-2-0], [6:Edge,0-1-12], [9:0-3-0,0-3-4], [10:0-3-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.85	Vert(LL)	-0.14	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.25	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 189 lb	FT = 20%

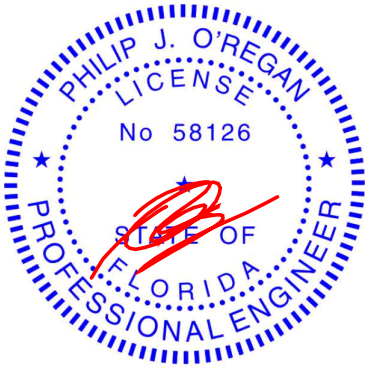
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-11

REACTIONS. (size) 11=Mechanical, 7=0-8-0
Max Horz 11=-150(LC 13)
Max Uplift 11=-308(LC 8), 7=-201(LC 8)
Max Grav 11=1316(LC 2), 7=1273(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-11=-1161/327, 1-2=-1234/293, 2-4=-1588/381, 4-5=-1594/385, 5-6=-1444/278, 6-7=-1159/220
BOT CHORD 9-10=-264/1234, 8-9=-183/1176
WEBS 1-10=-375/1579, 2-10=-728/293, 2-9=-115/464, 4-9=-438/224, 5-9=-215/538, 6-8=-186/1130

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) 0-1-12 to 3-3-4, Interior(1) 3-3-4 to 23-8-0, Exterior(2R) 23-8-0 to 26-9-8, Interior(1) 26-9-8 to 31-1-2 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) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 308 lb uplift at joint 11 and 201 lb uplift at joint 7.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES. T24511386
2845635	T24	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:33 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-qZKkLhwkuefpxlWGaxA3ltsnc_Zthf0Qta3xzzz1iOS

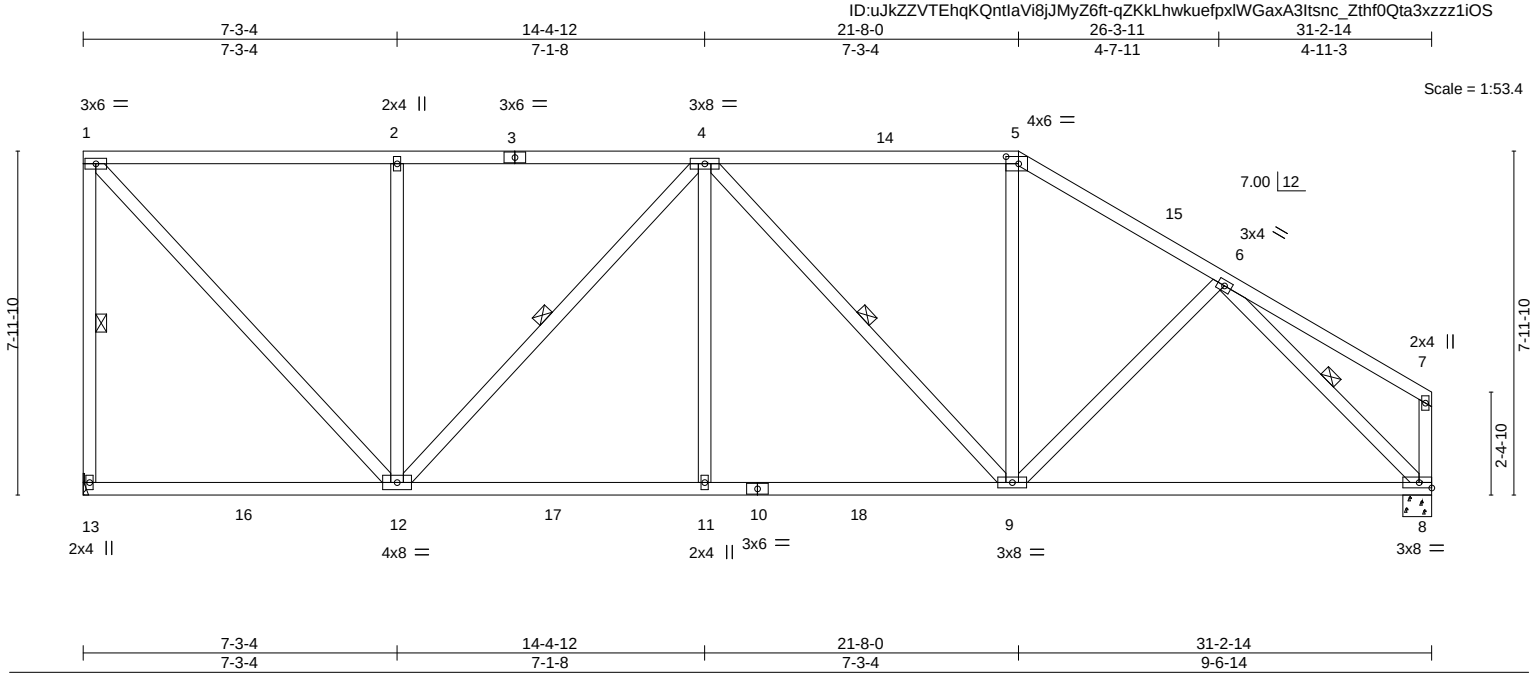


Plate Offsets (X,Y)-- [5:0-3-8,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.22	8-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.45	8-9	>824	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 206 lb	FT = 20%

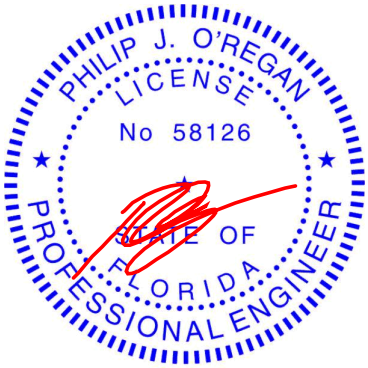
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-13, 4-12, 4-9, 6-8

REACTIONS. (size) 13=Mechanical, 8=0-8-0
Max Horz 13=-190(LC 13)
Max Uplift 13=-306(LC 8), 8=-174(LC 8)
Max Grav 13=1330(LC 2), 8=1274(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-1186/322, 1-2=-990/229, 2-4=-990/229, 4-5=-1161/253, 5-6=-1389/271
BOT CHORD 11-12=-236/1372, 9-11=-236/1372, 8-9=-154/1018
WEBS 1-12=-331/1432, 2-12=-412/199, 4-12=-561/128, 4-11=0/364, 4-9=-328/165, 5-9=-21/430, 6-9=-97/258, 6-8=-1349/228

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) 0-1-12 to 3-3-4, Interior(1) 3-3-4 to 21-8-0, Exterior(2R) 21-8-0 to 24-9-8, Interior(1) 24-9-8 to 31-1-2 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) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 306 lb uplift at joint 13 and 174 lb uplift at joint 8.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T25	Hip	1	1	T24511387
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:34 2021 Page 1
ID:uJkZZVTEhqKQntlaVi8jJMyZ6ft-Jmu6Y1wMfyngZv5S8fiIq4P?7N?lQ52Z6EpVVPz1iOR

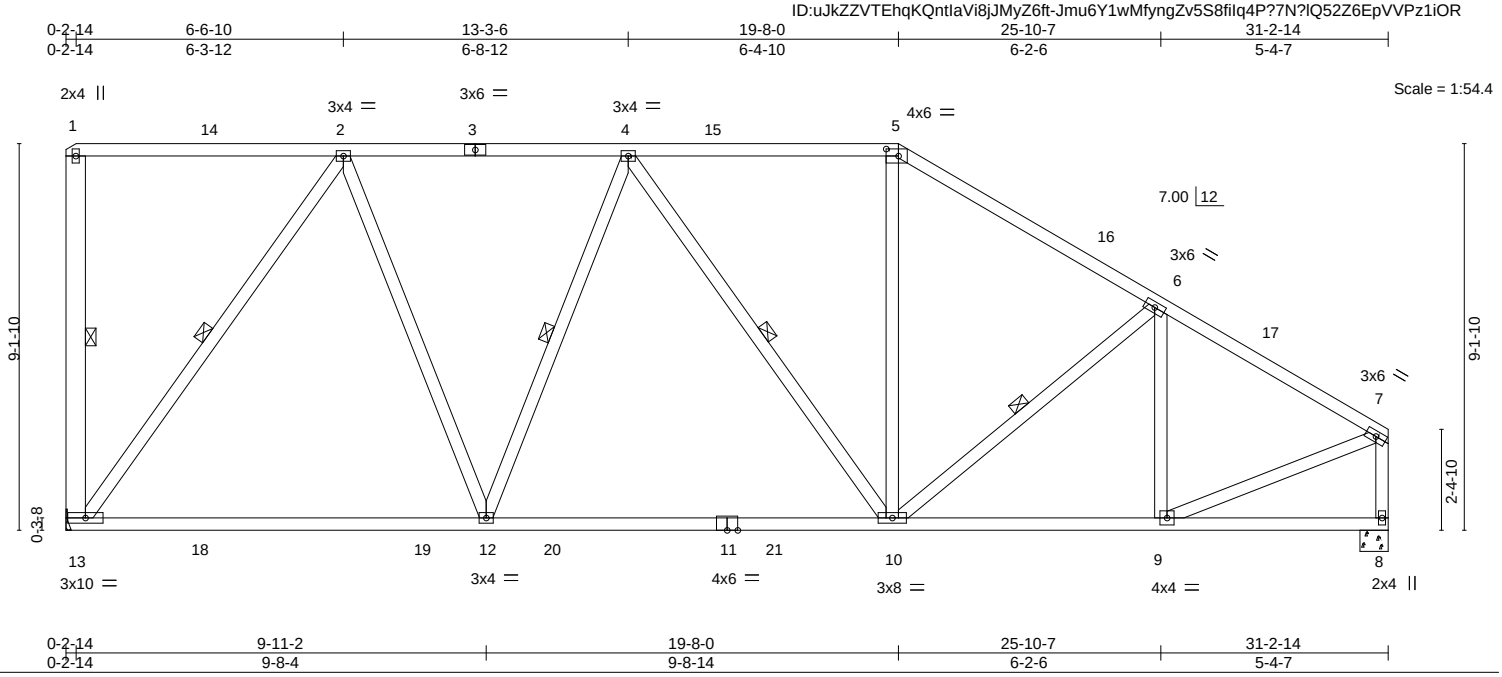


Plate Offsets (X,Y)-- [5:0-3-8,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.41	Vert(LL)	-0.26	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.41	12-13	>894	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 217 lb	FT = 20%

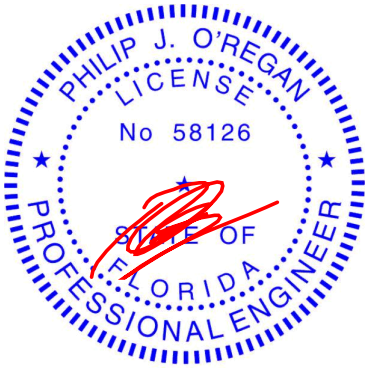
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
1-13: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-13, 4-12, 4-10, 6-10, 1-13

REACTIONS. (size) 13=Mechanical, 8=0-8-0
Max Horz 13=-230(LC 13)
Max Uplift 13=-301(LC 8), 8=-246(LC 13)
Max Grav 13=1327(LC 2), 8=1269(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1039/215, 4-5=-1096/316, 5-6=-1337/313, 6-7=-1330/277, 7-8=-1181/258
BOT CHORD 12-13=-148/761, 10-12=-174/1133, 9-10=-186/1107
WEBS 2-13=-1267/313, 2-12=-149/778, 4-12=-343/218, 5-10=-12/387, 6-9=-290/108, 7-9=-188/1156

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) 0-2-12 to 3-4-4, Interior(1) 3-4-4 to 19-8-0, Exterior(2R) 19-8-0 to 24-1-1, Interior(1) 24-1-1 to 31-1-2 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) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 301 lb uplift at joint 13 and 246 lb uplift at joint 8.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T26	Hip	1	1	T24511388
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:36 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-F8?szjydBZ2OoCFrG4kmwVUGSBe0u?ssZYIbZIz1iOP

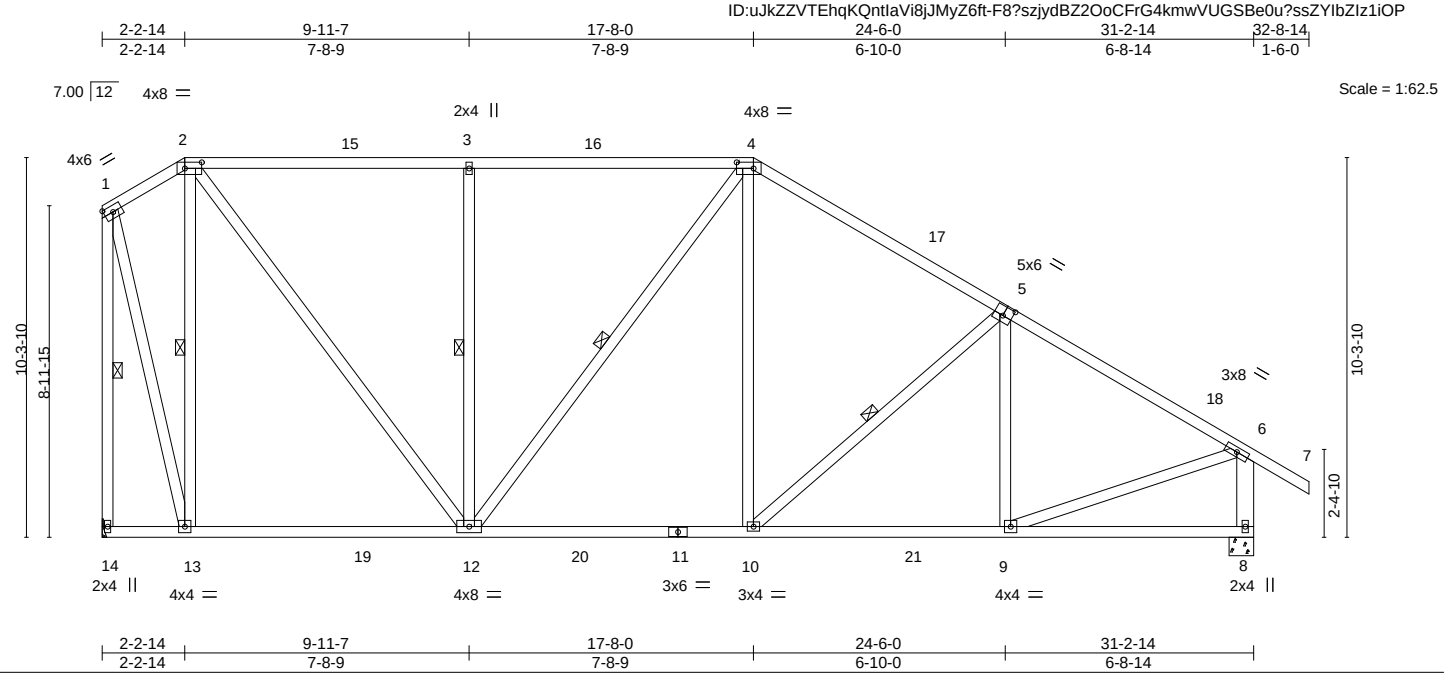


Plate Offsets (X,Y)-- [2:0-5-8,0-2-0], [4:0-5-8,0-2-0], [5:0-3-0,0-3-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.68	Vert(LL)	-0.13	10-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.21	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 241 lb	FT = 20%

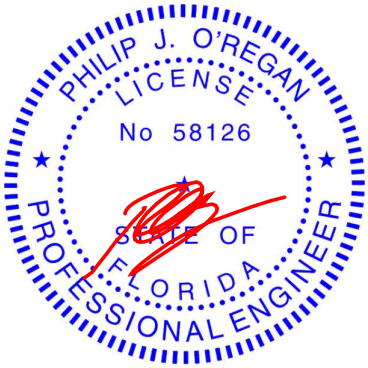
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
2-12,4-12: 2x4 SP No.2, 6-8: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-13, 3-12, 4-12, 5-10, 1-14

REACTIONS. (size) 14=Mechanical, 8=0-8-0
Max Horz 14=-248(LC 13)
Max Uplift 14=-232(LC 13), 8=-277(LC 13)
Max Grav 14=1321(LC 2), 8=1370(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-354/72, 2-3=-929/233, 3-4=-929/233, 4-5=-1264/299, 5-6=-1421/282, 1-14=-1348/226, 6-8=-1268/293
BOT CHORD 12-13=-103/362, 10-12=-89/1026, 9-10=-166/1167
WEBS 2-13=-880/260, 2-12=-270/1057, 3-12=-485/238, 4-12=-260/126, 4-10=-68/511, 5-10=-307/170, 1-13=-227/1194, 6-9=-134/1161

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) 0-1-12 to 2-2-14, Exterior(2R) 2-2-14 to 6-7-14, Interior(1) 6-7-14 to 17-8-0, Exterior(2R) 17-8-0 to 22-1-1, Interior(1) 22-1-1 to 32-8-14 zone; end vertical 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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 232 lb uplift at joint 14 and 277 lb uplift at joint 8.



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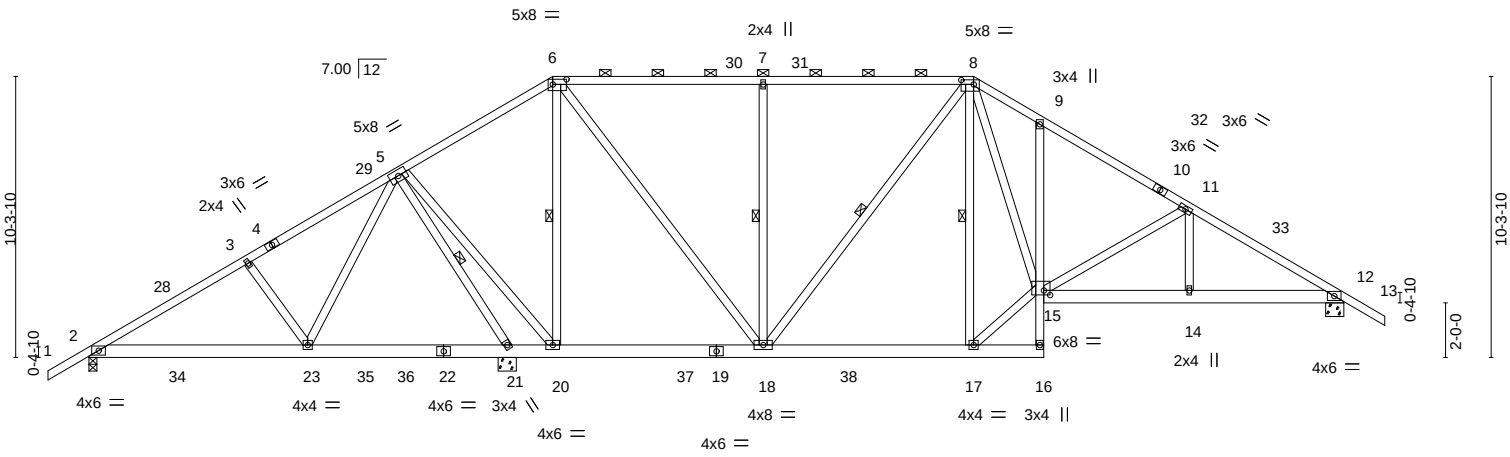
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T27	Piggyback Base	6	1	T24511389
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:37 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-jLZFA2zFytAFQMq1pnF?Sj1Qdb2cdT40oC196kz1iOO

1-6-0	5-10-0	11-4-0	17-0-0	24-8-9	32-5-2	35-0-0	40-4-0	46-0-0	47-6-0
1-6-0	5-10-0	5-6-0	5-8-0	7-8-9	7-8-9	2-6-14	5-4-0	5-8-0	1-6-0

Scale = 1:84.5



8-0-4	15-4-0	17-0-0	24-8-9	32-5-2	35-0-0	40-4-0	46-0-0
8-0-4	7-3-12	1-8-0	7-8-9	7-8-9	2-6-14	5-4-0	5-8-0

Plate Offsets (X,Y)-- [6:0-6-0,0-2-4], [8:0-5-8,0-2-0], [15:0-2-12,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.10	18-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.17	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.06	12	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 348 lb	FT = 20%

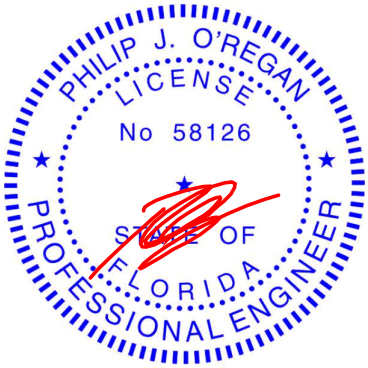
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
9-16: 2x4 SP No.3
WEBS 2x4 SP No.3 *Except*
6-18,8-18: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except
2-0-0 oc purlins (5-9-9 max.): 6-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 20-21,15-16.
WEBS 1 Row at midpt 5-21, 6-20, 7-18, 8-18, 8-17

REACTIONS. (size) 2=0-3-8, 12=0-8-0, 21=0-8-0
Max Horz 2=219(LC 9)
Max Uplift 2=-140(LC 12), 12=-292(LC 13), 21=-396(LC 12)
Max Grav 2=616(LC 25), 12=1273(LC 20), 21=2102(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-677/290, 3-5=-545/307, 6-7=-784/275, 7-8=-784/275, 8-9=-1523/455, 9-11=-1579/379, 11-12=-2047/436
BOT CHORD 2-23=-281/575, 20-21=-911/299, 17-18=-62/935, 14-15=-282/1727, 12-14=-282/1727
WEBS 3-23=-271/175, 5-23=-384/524, 5-21=-1930/434, 5-20=-184/1448, 6-20=-1168/259, 6-18=-253/1188, 7-18=-484/236, 8-18=-333/105, 8-17=-484/84, 15-17=-76/1154, 8-15=-252/1225, 11-15=-563/188, 11-14=0/263

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 3-1-3, Interior(1) 3-1-3 to 17-0-0, Exterior(2R) 17-0-0 to 23-6-1, Interior(1) 23-6-1 to 32-5-2, Exterior(2R) 32-5-2 to 38-11-3, Interior(1) 38-11-3 to 47-6-0 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) 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 140 lb uplift at joint 2, 292 lb uplift at joint 12 and 396 lb uplift at joint 21.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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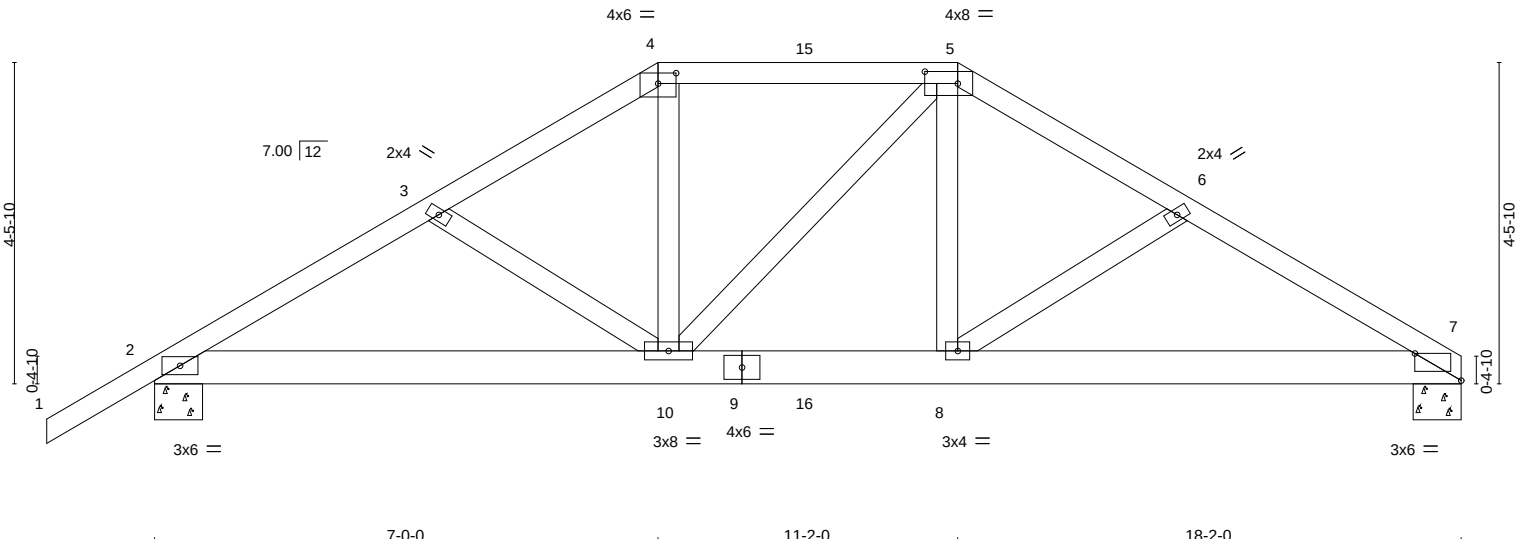
Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T28	Hip Girder	1	1	T24511390
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:38 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-BX7dOO_tjBI62WPDNVmE?waez?MtM1991snieAz1iON

-1-6-0 | 3-11-6 | 7-0-0 | 11-2-0 | 14-2-10 | 18-2-0
1-6-0 | 3-11-6 | 3-0-10 | 4-2-0 | 3-0-10 | 3-11-6

Scale: 3/8"=1'



7-0-0 | 11-2-0 | 18-2-0
7-0-0 | 4-2-0 | 7-0-0

Plate Offsets (X,Y)-- [4:0-3-0,0-1-12], [5:0-5-8,0-2-0], [7:0-7-12,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	0.55	Vert(LL)	0.06	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.10	8-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 105 lb	FT = 20%

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

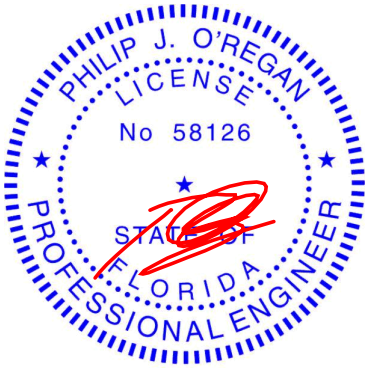
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-8-7 oc bracing.

REACTIONS. (size) 7=0-8-0, 2=0-8-0
Max Horz 2=103(LC 5)
Max Uplift 7=-451(LC 9), 2=-482(LC 8)
Max Grav 7=1244(LC 1), 2=1315(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2135/830, 3-4=-1984/795, 4-5=-1698/721, 5-6=-2022/810, 6-7=-2177/844
BOT CHORD 2-10=-726/1817, 8-10=-639/1729, 7-8=-679/1857
WEBS 4-10=-210/645, 5-8=-211/634

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) 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 451 lb uplift at joint 7 and 482 lb uplift at joint 2.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 128 lb down and 101 lb up at 7-0-0, and 125 lb down and 91 lb up at 9-1-0, and 227 lb down and 196 lb up at 11-2-0 on top chord, and 335 lb down and 201 lb up at 7-0-0, and 86 lb down and 20 lb up at 9-1-0, and 335 lb down and 201 lb up at 11-1-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-5=-54, 5-7=-54, 2-7=-20
Concentrated Loads (lb)
Vert: 4=-109(F) 5=-180(F) 10=-335(F) 8=-335(F) 15=-109(F) 16=-64(F)



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T29	Common	4	1	T24511391
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:39 2021 Page 1
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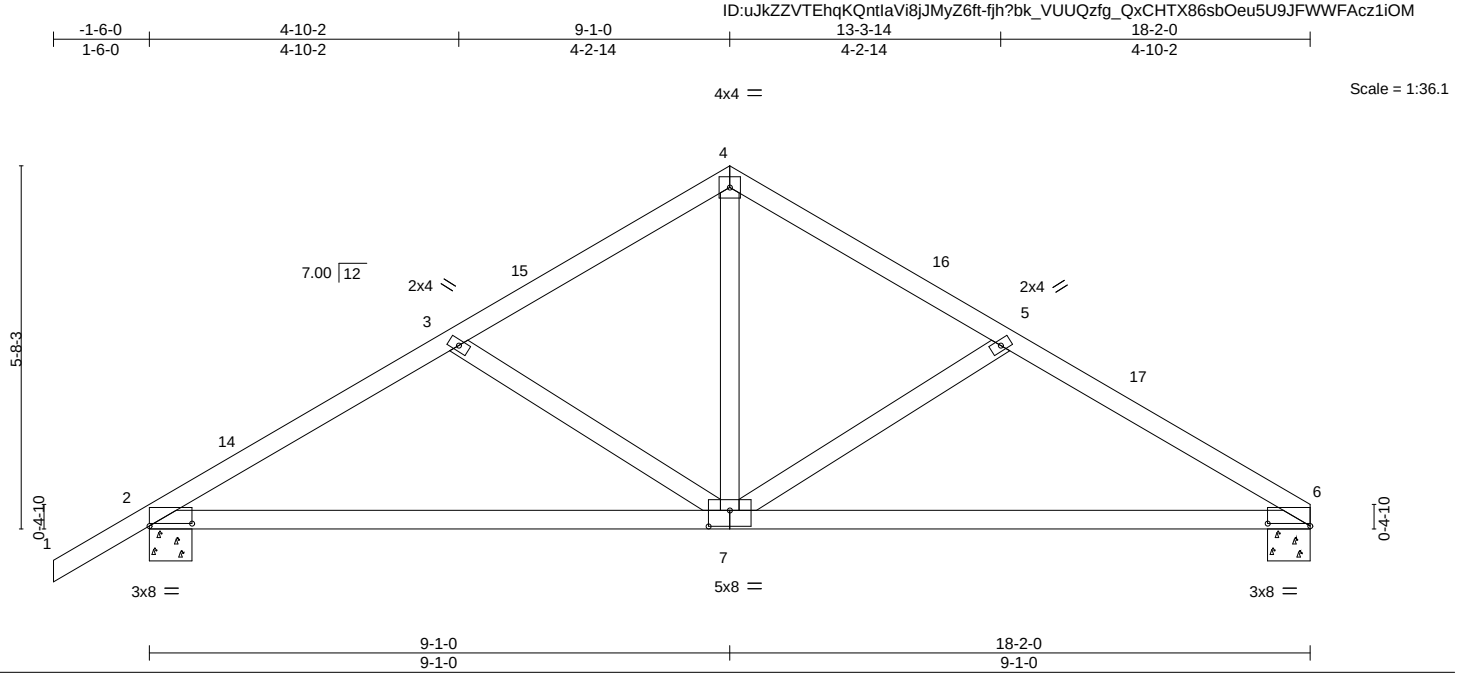


Plate Offsets (X,Y)-- [2:0-8-0,0-0-7], [6:0-8-0,0-0-8], [7:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	-0.11	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.23	7-10	>938	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 83 lb	FT = 20%

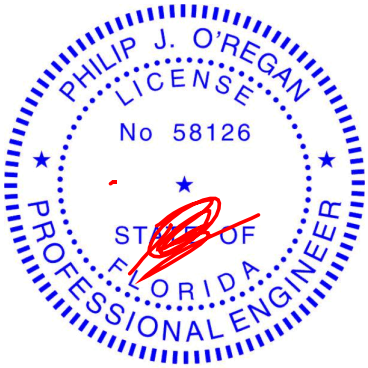
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-8-0, 2=0-8-0
Max Horz 2=129(LC 11)
Max Uplift 6=-136(LC 13), 2=-170(LC 12)
Max Grav 6=669(LC 1), 2=757(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-990/214, 3-4=-762/175, 4-5=-764/181, 5-6=-998/220
BOT CHORD 2-7=-203/828, 6-7=-142/839
WEBS 4-7=-84/519, 5-7=-302/178, 3-7=-289/170

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 9-1-0, Exterior(2R) 9-1-0 to 12-1-0, Interior(1) 12-1-0 to 18-2-0 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.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 136 lb uplift at joint 6 and 170 lb uplift at joint 2.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T30	Half Hip	1	1	T24511392
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:40 2021 Page 1
ID:uJkZZVTEhqKQntlaVi8jJMyZ6ft-7wFNp4?7FoYqHqZcVvoi4LfyXo1yqv2SUAGpi3z1iOL

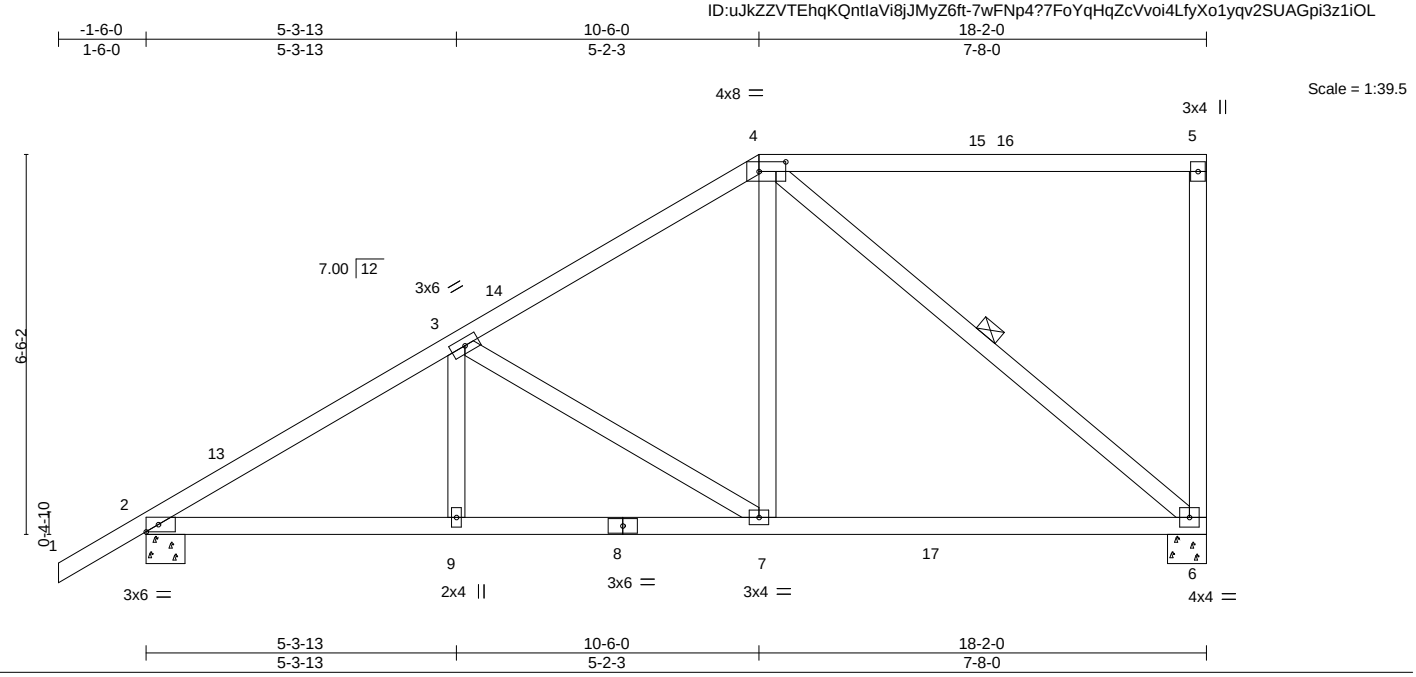


Plate Offsets (X,Y)-- [4:0-5-8,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.67	Vert(LL)	-0.12	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.21	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 104 lb	FT = 20%

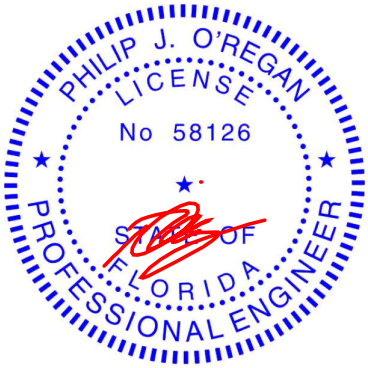
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-8-0, 6=0-8-0
Max Horz 2=237(LC 12)
Max Uplift 2=-171(LC 12), 6=-165(LC 12)
Max Grav 2=834(LC 19), 6=737(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1115/198, 3-4=-707/142
BOT CHORD 2-9=-320/968, 7-9=-320/968, 6-7=-164/572
WEBS 3-7=-484/184, 4-7=-47/542, 4-6=-710/207

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 10-6-0, Exterior(2R) 10-6-0 to 14-8-15, Interior(1) 14-8-15 to 18-0-4 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) Provide adequate drainage to prevent water ponding.
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 171 lb uplift at joint 2 and 165 lb uplift at joint 6.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T31	Half Hip	1	1	T24511393
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:41 2021 Page 1
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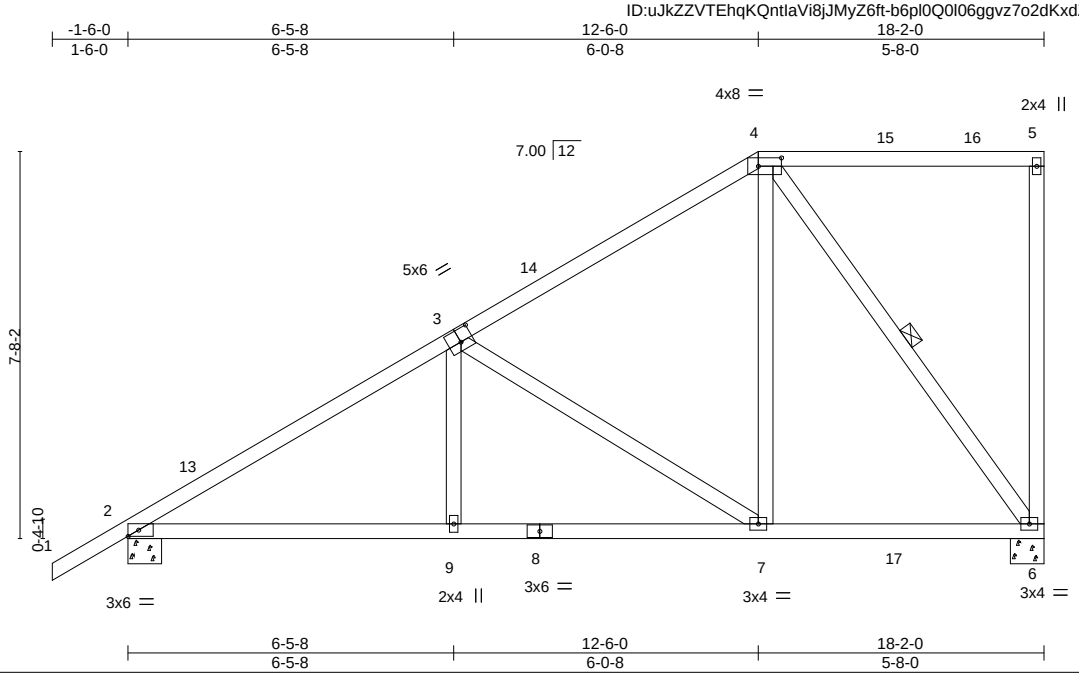


Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.06	9-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.11	9-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 109 lb	FT = 20%

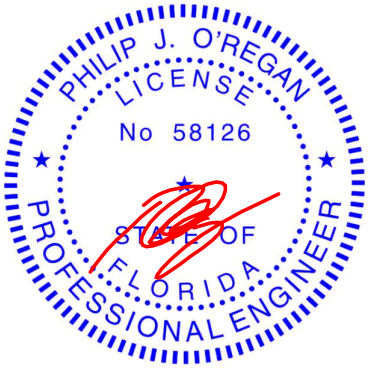
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 6=0-8-0, 2=0-8-0
Max Horz 2=278(LC 12)
Max Uplift 6=-190(LC 12), 2=-158(LC 12)
Max Grav 6=739(LC 2), 2=844(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1086/162, 3-4=-538/97
BOT CHORD 2-9=-316/941, 7-9=-317/937, 6-7=-128/423
WEBS 3-9=0/267, 3-7=-622/226, 4-7=-79/578, 4-6=-696/211

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 12-6-0, Exterior(2R) 12-6-0 to 16-8-15, Interior(1) 16-8-15 to 18-0-4 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) Provide adequate drainage to prevent water ponding.
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 190 lb uplift at joint 6 and 158 lb uplift at joint 2.



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Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T32	MONO HIP	1	2	T24511394
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:43 2021 Page 1
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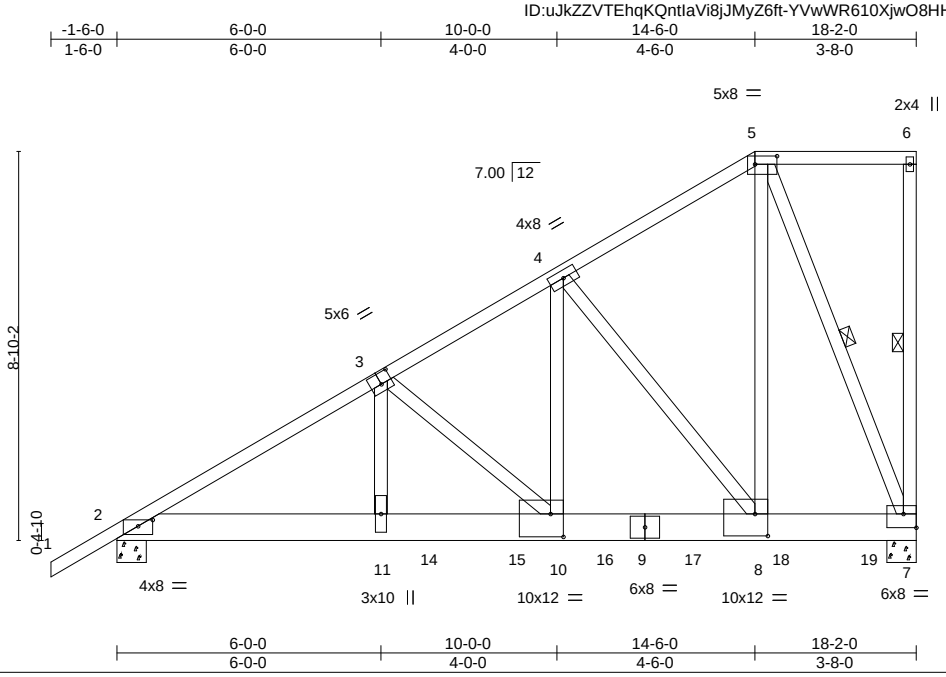


Plate Offsets (X,Y)-- [2:0-4-0,0-1-11], [3:0-3-0,0-3-0], [5:0-6-0,0-2-4], [7:Edge,0-3-12], [8:0-3-8,0-6-0], [10:0-3-8,0-6-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.10	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.19	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.97	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 311 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
5-8: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7, 5-7

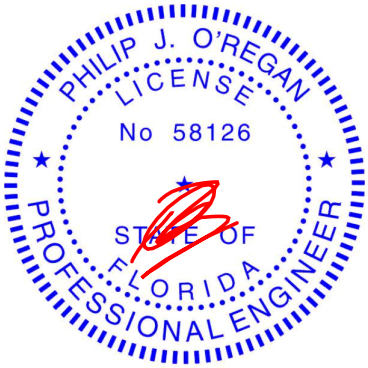
REACTIONS. (size) 7=0-8-0, 2=0-8-0
Max Horz 2=318(LC 8)
Max Uplift 7=-1607(LC 8), 2=-1108(LC 8)
Max Grav 7=6118(LC 2), 2=3797(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-7209/2117, 3-4=-5483/1529, 4-5=-2373/610
BOT CHORD 2-11=-2040/6165, 10-11=-2053/6204, 8-10=-1446/4699, 7-8=-588/2105
WEBS 3-11=-687/2058, 3-10=-2123/789, 4-10=-1439/4706, 4-8=-4292/1410, 5-8=-1622/5993, 5-7=-5411/1512

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; 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
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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 1607 lb uplift at joint 7 and 1108 lb uplift at joint 2.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2466 lb down and 903 lb up at 7-0-12, 1268 lb down and 330 lb up at 9-0-12, 1296 lb down and 328 lb up at 11-0-12, 1310 lb down and 326 lb up at 13-0-12, and 1307 lb down and 321 lb up at 15-0-12, and 1302 lb down and 251 lb up at 17-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Continued on page 2



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LOAD CASE(S) Standard

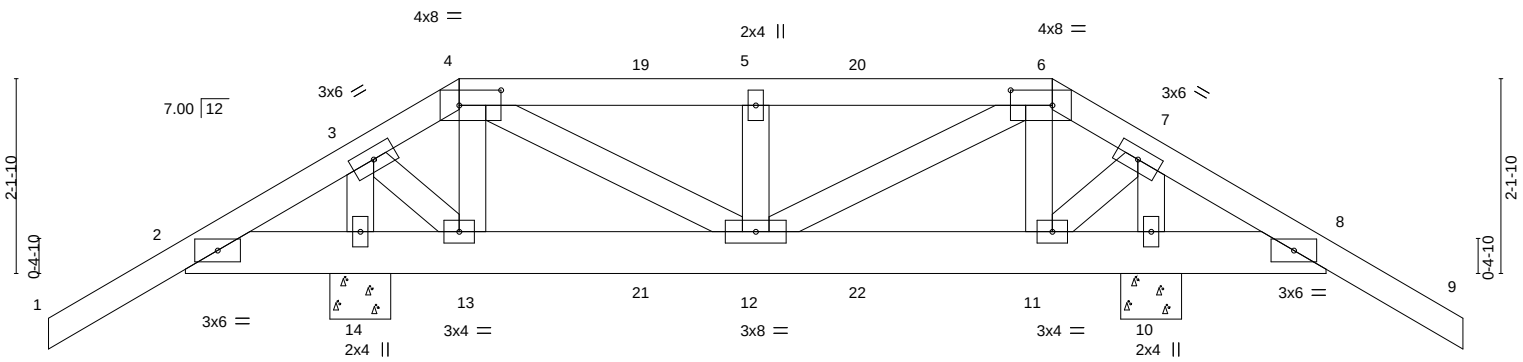
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-6=-54, 2-7=-20
   Concentrated Loads (lb)
   Vert: 14=-2466(B) 15=-1125(B) 16=-1125(B) 17=-1125(B) 18=-1122(B) 19=-1120(B)

Job	Truss	Truss Type	Qty	Ply	IC CONST - GOMEZ RES.
2845635	T33	Hip Girder	1	1	T24511395
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jun 2 2021 MiTek Industries, Inc. Mon Jun 28 16:04:44 2021 Page 1
ID:uJkZZVTEhqKQntIaVi8jJMyZ6ft-0hUufS2eI12FmRsNkIteEBpmkPVYmm_2PoE0rqz1iOH

-1-6-0	3-0-0	6-3-0	9-6-0	12-6-0	14-0-0
1-6-0	3-0-0	3-3-0	3-3-0	3-0-0	1-6-0

Scale = 1:25.2



1-7-0	3-0-0	6-3-0	9-6-0	10-11-0	12-6-0
1-7-0	1-5-0	3-3-0	3-3-0	1-5-0	1-7-0

Plate Offsets (X,Y)-- [4:0-5-8,0-2-0], [6:0-5-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	0.01	12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.16	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 76 lb	FT = 20%

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

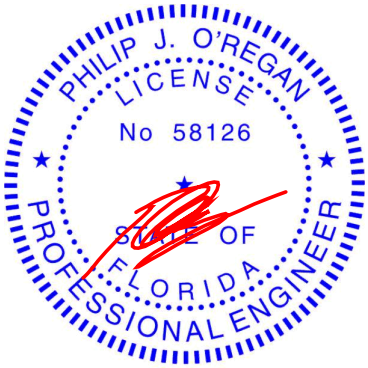
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 14=0-8-0, 10=0-8-0
Max Horz 14=-58(LC 25)
Max Uplift 14=-284(LC 8), 10=-291(LC 9)
Max Grav 14=620(LC 19), 10=622(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-131/298, 4-5=-350/284, 5-6=-350/284, 7-8=-132/297
BOT CHORD 11-12=-198/269
WEBS 4-12=-170/344, 6-12=-154/333, 3-13=-199/418, 3-14=-513/255, 7-11=-203/419, 7-10=-514/260

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; cantilever left and right exposed ; porch left and right exposed; 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 284 lb uplift at joint 14 and 291 lb uplift at joint 10.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 63 lb down and 42 lb up at 3-0-0, 63 lb down and 40 lb up at 5-0-12, 63 lb down and 32 lb up at 6-3-0, and 63 lb down and 40 lb up at 7-5-4, and 95 lb down and 94 lb up at 9-6-0 on top chord, and 93 lb down and 56 lb up at 3-0-0, 22 lb down and 24 lb up at 5-0-12, 22 lb down and 24 lb up at 6-3-0, and 22 lb down and 24 lb up at 7-5-4, and 93 lb down and 56 lb up at 9-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 6-9=-54, 2-8=-20



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June 29,2021

Continued on page 2

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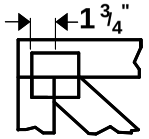
LOAD CASE(S) Standard

Concentrated Loads (lb)

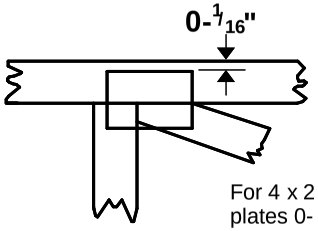
Vert: 4=-6(B) 6=-14(B) 13=-19(B) 12=-8(B) 5=-6(B) 11=-19(B) 19=-6(B) 20=-6(B) 21=-8(B) 22=-8(B)

Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

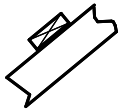
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

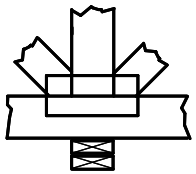
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

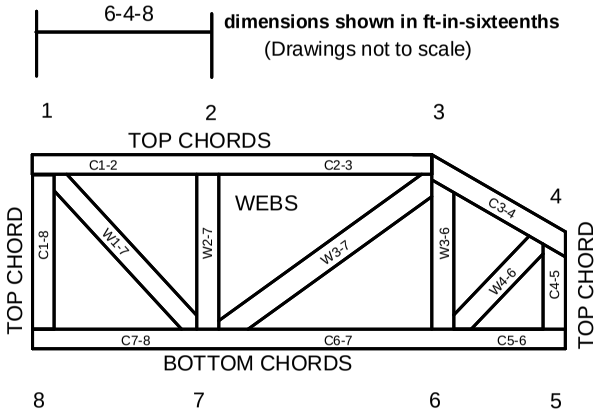


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

21.The design does not take into account any dynamic or other loads other than those expressly stated.