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

RE: 2809719 - HOUSECRAFT - ALTMAN RES.

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

Site Information:

Customer Info: Housecraft Homes Project Name: Altman Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: PID # 30-7S-17-10058-964, N/A
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):

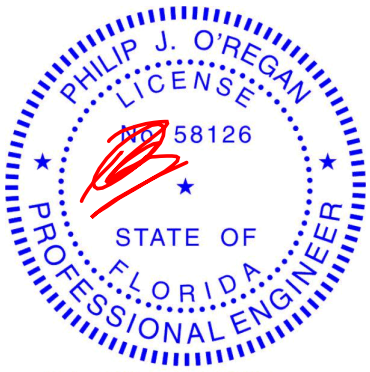
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 45 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	T24252340	CJ01	6/8/21	23	T24252362	T10	6/8/21
2	T24252341	CJ03	6/8/21	24	T24252363	T11	6/8/21
3	T24252342	CJ03A	6/8/21	25	T24252364	T12	6/8/21
4	T24252343	CJ05	6/8/21	26	T24252365	T13	6/8/21
5	T24252344	CJ05A	6/8/21	27	T24252366	T14	6/8/21
6	T24252345	EJ01	6/8/21	28	T24252367	T15	6/8/21
7	T24252346	EJ02	6/8/21	29	T24252368	T16	6/8/21
8	T24252347	EJ03	6/8/21	30	T24252369	T17	6/8/21
9	T24252348	HJ03	6/8/21	31	T24252370	T18	6/8/21
10	T24252349	HJ05	6/8/21	32	T24252371	T19	6/8/21
11	T24252350	HJ10	6/8/21	33	T24252372	T20	6/8/21
12	T24252351	HJ10A	6/8/21	34	T24252373	T21	6/8/21
13	T24252352	T01	6/8/21	35	T24252374	T22	6/8/21
14	T24252353	T01G	6/8/21	36	T24252375	T23	6/8/21
15	T24252354	T02	6/8/21	37	T24252376	T24	6/8/21
16	T24252355	T03	6/8/21	38	T24252377	T25	6/8/21
17	T24252356	T04	6/8/21	39	T24252378	T26	6/8/21
18	T24252357	T05	6/8/21	40	T24252379	T26G	6/8/21
19	T24252358	T06	6/8/21	41	T24252380	T27	6/8/21
20	T24252359	T07	6/8/21	42	T24252381	T28	6/8/21
21	T24252360	T08	6/8/21	43	T24252382	T29	6/8/21
22	T24252361	T09	6/8/21	44	T24252383	T30	6/8/21

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 8,2021

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: 2809719 - HOUSECRAFT - ALTMAN RES.

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

Site Information:

Customer Info: Housecraft Homes Project Name: Altman Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: PID # 30-7S-17-10058-964, N/A
City: Columbia Cty State: FL

No.	Seal#	Truss Name	Date
45	T24252384	T31	6/8/21

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	CJ01	Jack-Open	10	1	T24252340
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:10 2021 Page 1
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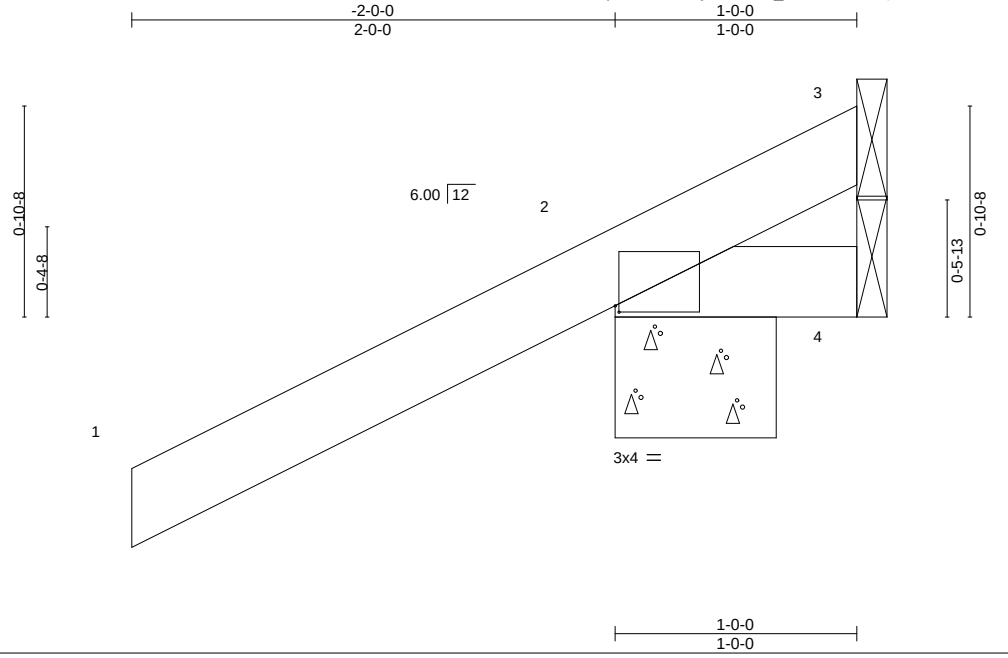


Plate Offsets (X,Y)-- [2:0-0-3,0-0-5]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	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: 7 lb	FT = 20%

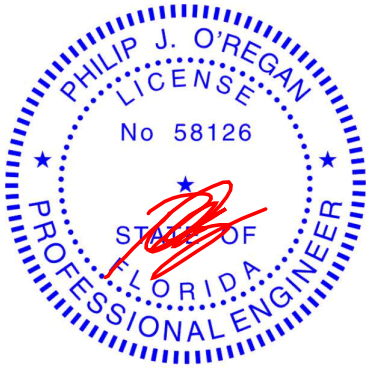
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=-27(LC 1), 2=-102(LC 12), 4=-46(LC 1)
Max Grav 3=16(LC 16), 2=254(LC 1), 4=29(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, 4 except (jt=lb) 2=102.



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Date:
June 8,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	CJ03	Jack-Open	10	1	T24252341
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:10 2021 Page 1
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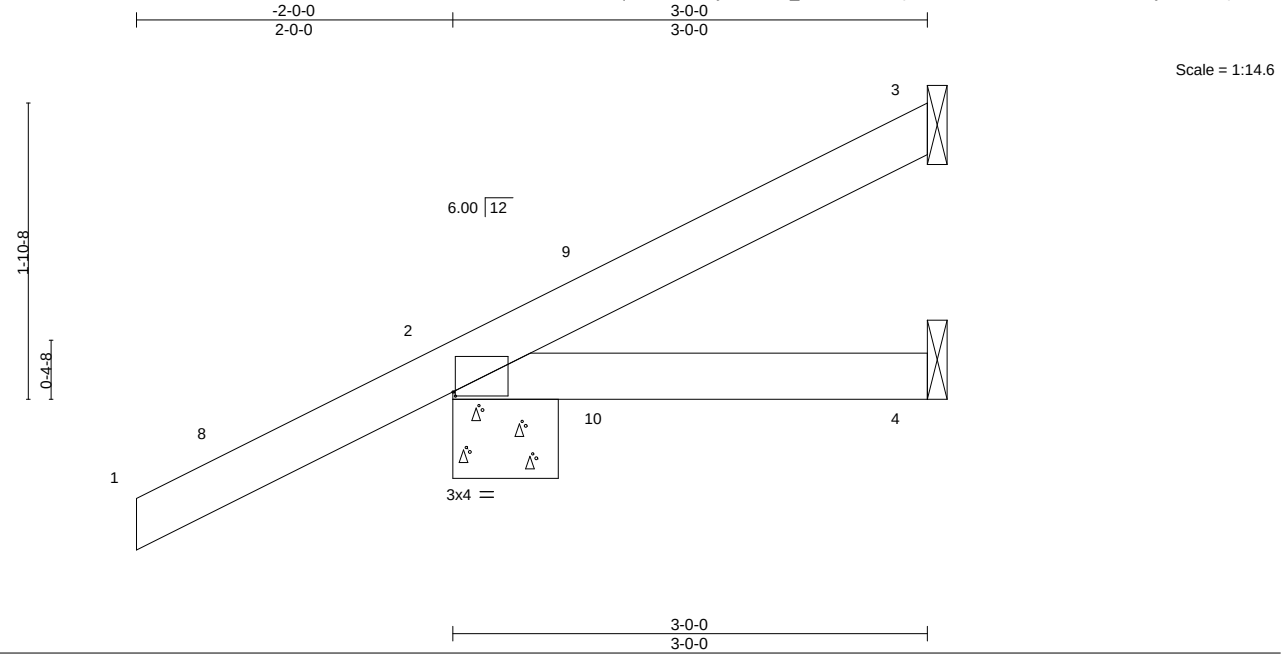


Plate Offsets (X,Y)-- [2:0-0-3,0-0-5]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	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: 13 lb	FT = 20%

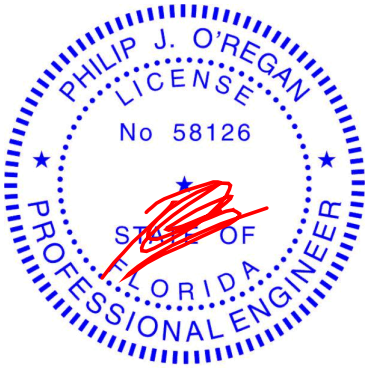
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=80(LC 12)
Max Uplift 3=-31(LC 12), 2=-76(LC 12), 4=-14(LC 9)
Max Grav 3=52(LC 1), 2=253(LC 1), 4=48(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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 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 8,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	CJ03A	Jack-Open	2	1	T24252342
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:11 2021 Page 1
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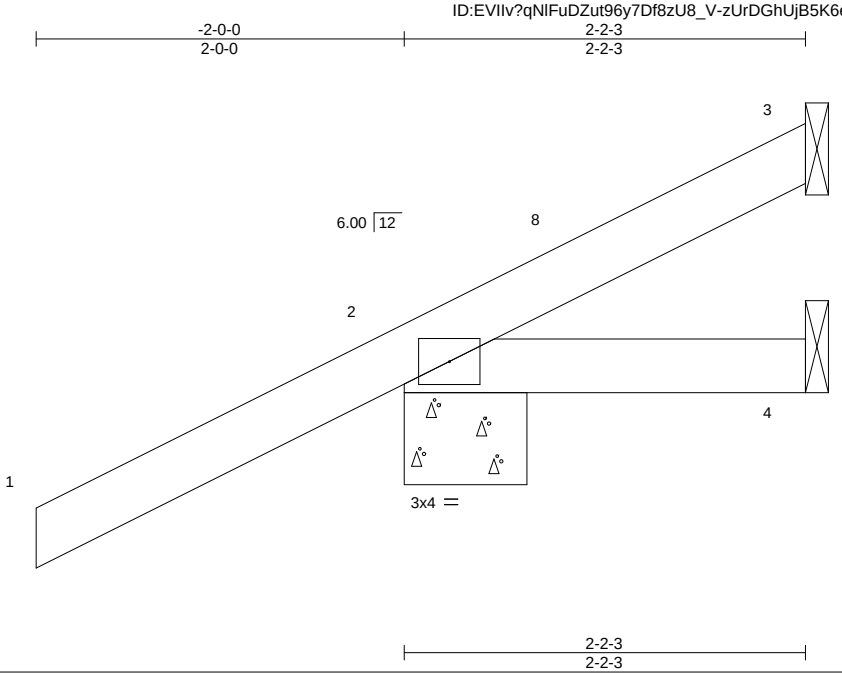


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 10 lb	FT = 20%

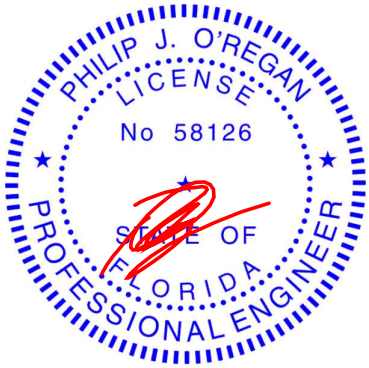
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-3 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=66(LC 12)
Max Uplift 3=-16(LC 12), 2=-79(LC 12)
Max Grav 3=25(LC 1), 2=237(LC 1), 4=30(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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 2-1-7 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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6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	CJ05	Jack-Open	8	1	T24252343
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:12 2021 Page 1
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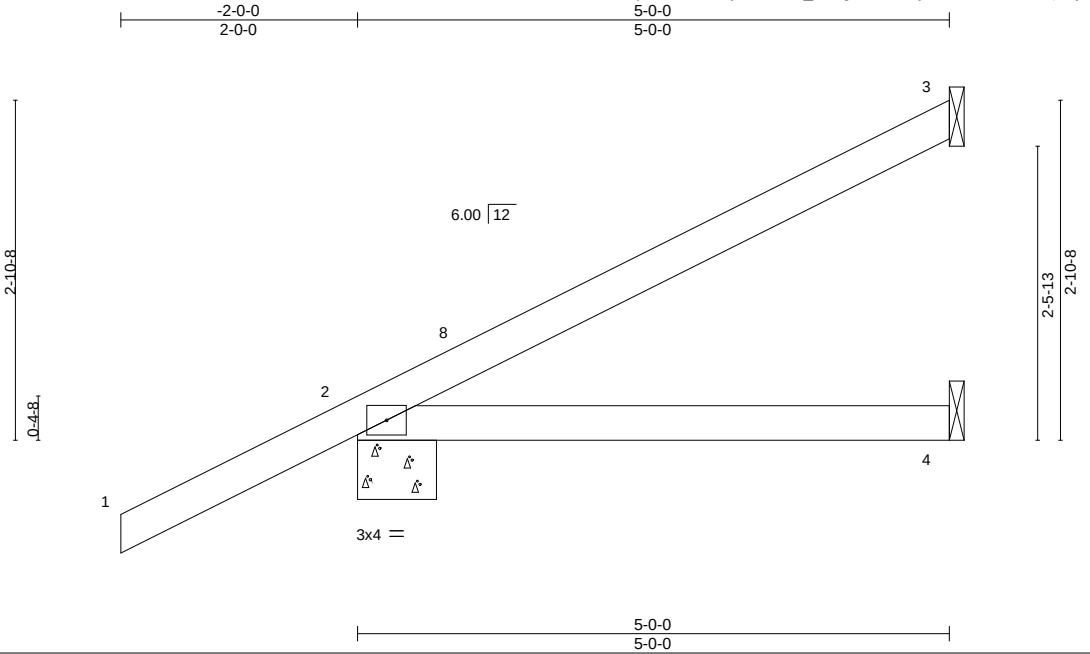


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	0.03	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.05	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 19 lb	FT = 20%

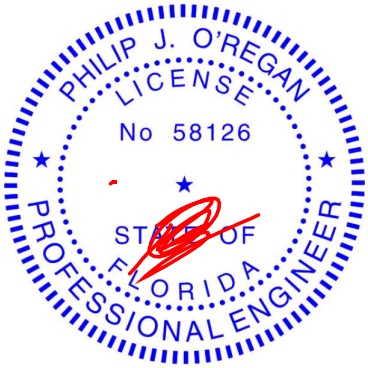
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=114(LC 12)
Max Uplift 3=-64(LC 12), 2=-80(LC 12)
Max Grav 3=108(LC 1), 2=313(LC 1), 4=87(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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 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 8,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	CJ05A	Jack-Open	2	1	T24252344
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:13 2021 Page 1
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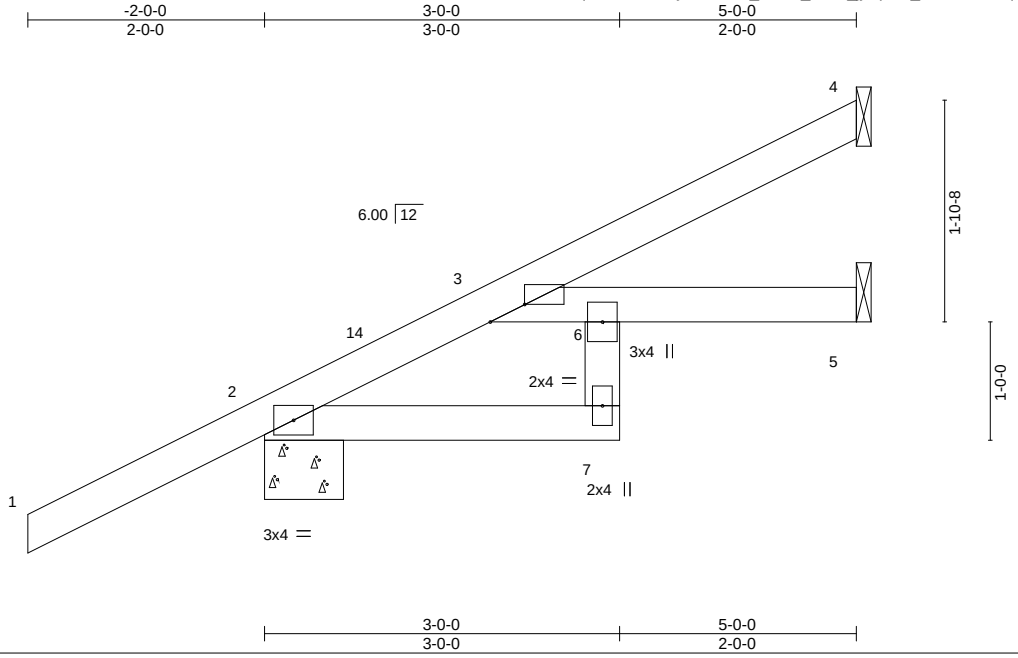


Plate Offsets (X,Y)-- [3:0-3-8,Edge]

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	0.25	Vert(LL)	0.02	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.03	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 22 lb	FT = 20%

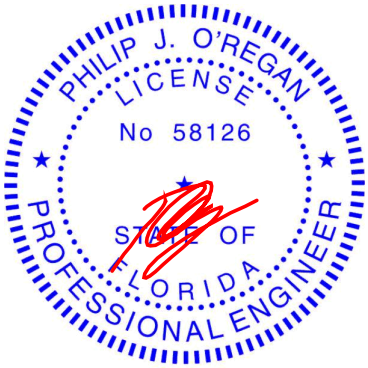
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-7: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 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=114(LC 12)
Max Uplift 4=-44(LC 12), 2=-77(LC 12), 5=-13(LC 12)
Max Grav 4=89(LC 1), 2=322(LC 1), 5=97(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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 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) 4, 2, 5.



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Date:
June 8,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	EJ01	Jack-Partial	22	1	T24252345
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:13 2021 Page 1
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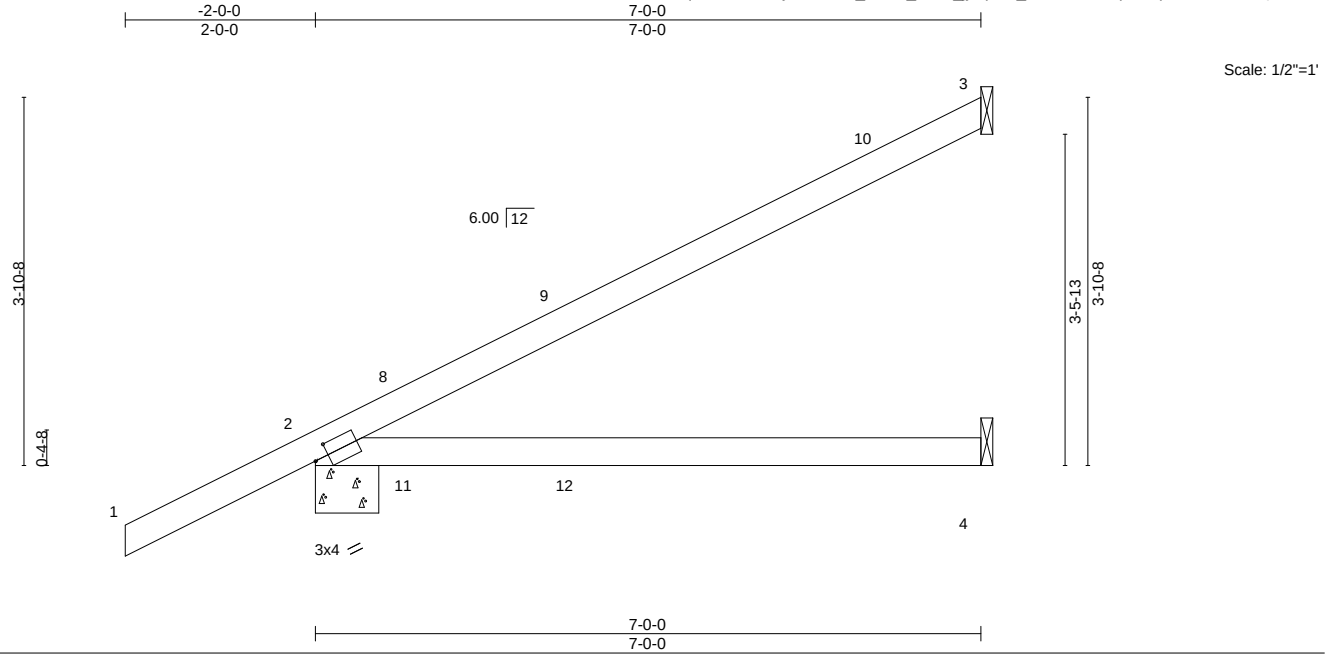


Plate Offsets (X,Y)-- [2:0-1-13,0-1-8]

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	0.68	Vert(LL)	0.29	4-7	>283	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	0.25	4-7	>331	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 26 lb	FT = 20%

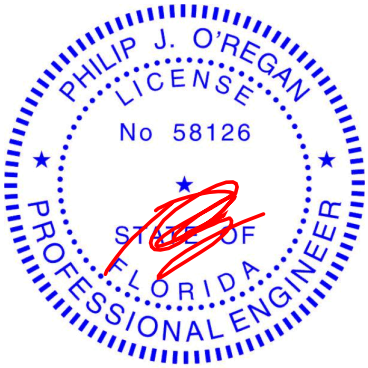
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=144(LC 12)
Max Uplift 3=-84(LC 12), 2=-90(LC 12), 4=-39(LC 9)
Max Grav 3=160(LC 1), 2=380(LC 1), 4=125(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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 6-11-4 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	EJ02	Jack-Partial	6	1	T24252346
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:14 2021 Page 1
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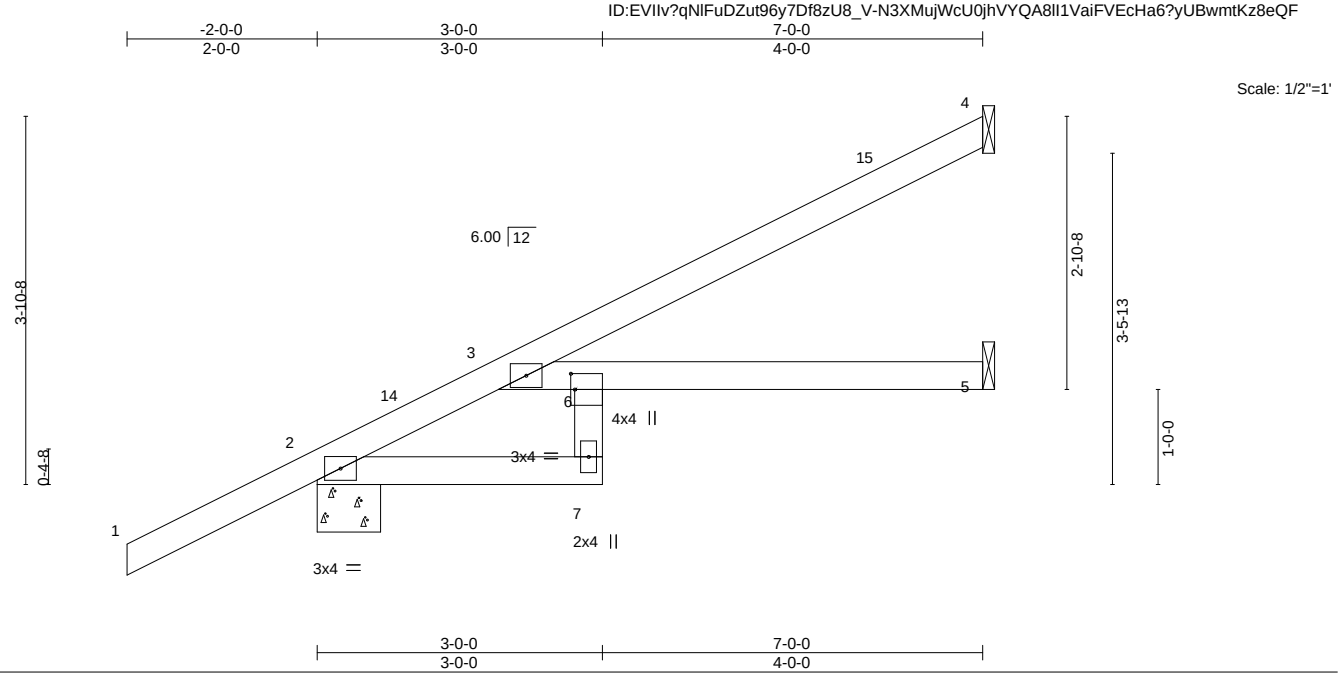


Plate Offsets (X,Y)-- [6:0-2-0,0-0-8]

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	0.46	Vert(LL)	0.12	5-6	>711	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.20	5-6	>406	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.07	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 28 lb	FT = 20%

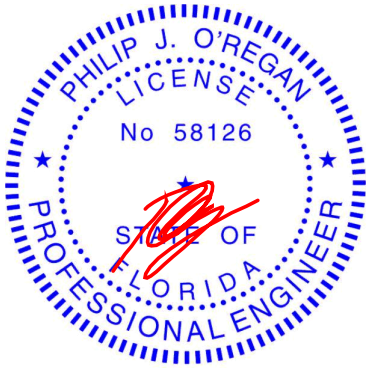
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
6-7: 2x4 SP No.3

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=144(LC 12)
Max Uplift 4=-66(LC 12), 2=-86(LC 12), 5=-13(LC 12)
Max Grav 4=144(LC 1), 2=393(LC 1), 5=127(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-9=-280/5

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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 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) 4, 2, 5.



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	EJ03	Jack-Open	3	1	T24252347
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:15 2021 Page 1
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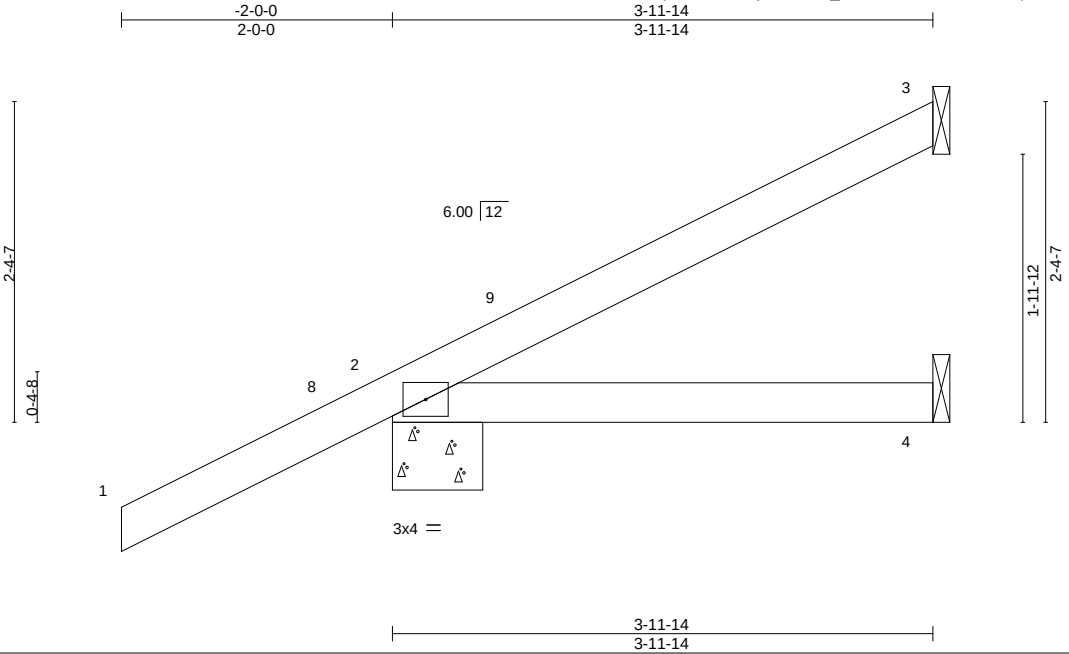


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.02	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 16 lb	FT = 20%

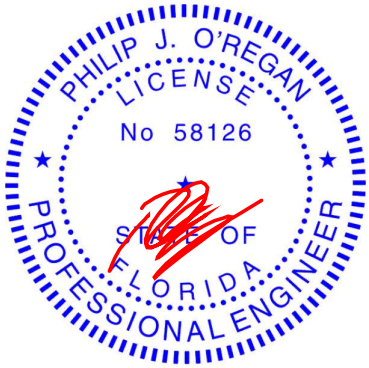
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-14 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=97(LC 12)
Max Uplift 3=-48(LC 12), 2=-77(LC 12)
Max Grav 3=81(LC 1), 2=281(LC 1), 4=67(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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 3-11-2 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	HJ03	Diagonal Hip Girder	1	1	T24252348 Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:16 2021 Page 1
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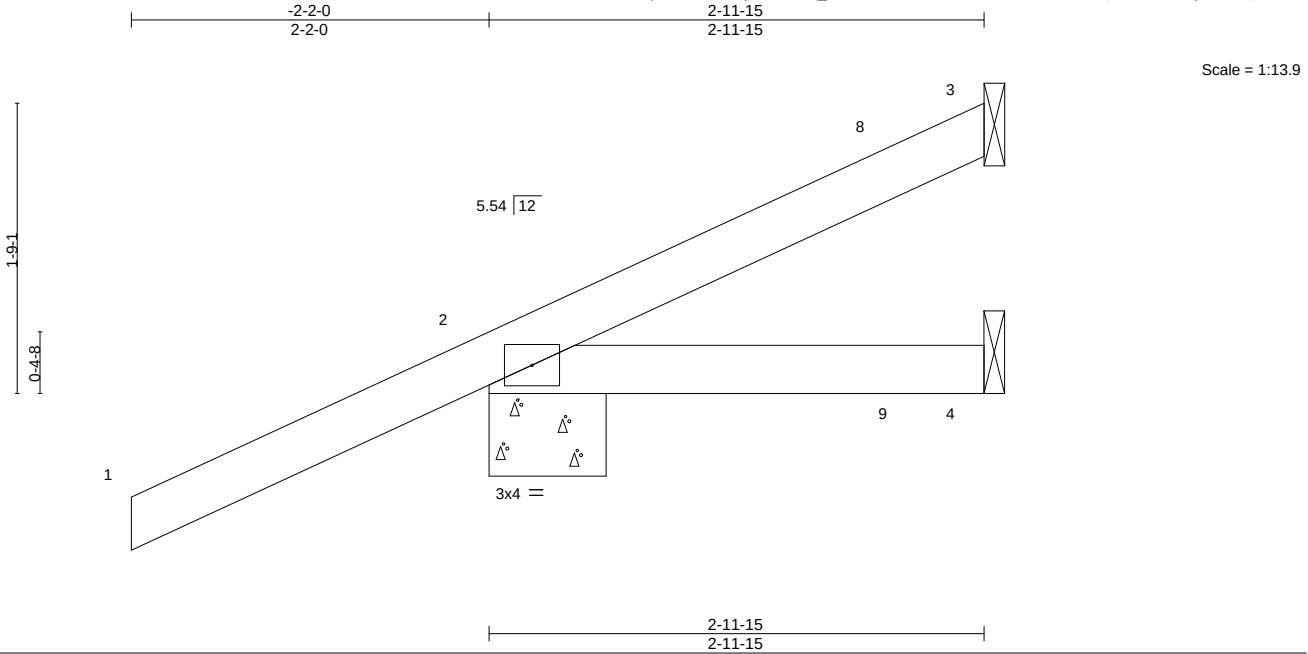


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 13 lb	FT = 20%

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

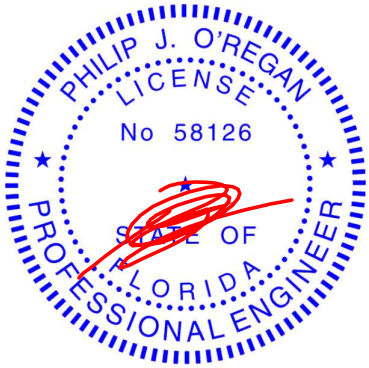
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-8-8, 4=Mechanical
Max Horz 2=76(LC 8)
Max Uplift 3=-28(LC 8), 2=-84(LC 8)
Max Grav 3=54(LC 31), 2=267(LC 1), 4=47(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, 2.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 63 lb down and 12 lb up at 2-6-4 on top chord, and 18 lb down and 8 lb up at 2-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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
Concentrated Loads (lb)
Vert: 9=8(F)



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	HJ05	Diagonal Hip Girder	1	1	T24252349
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:17 2021 Page 1
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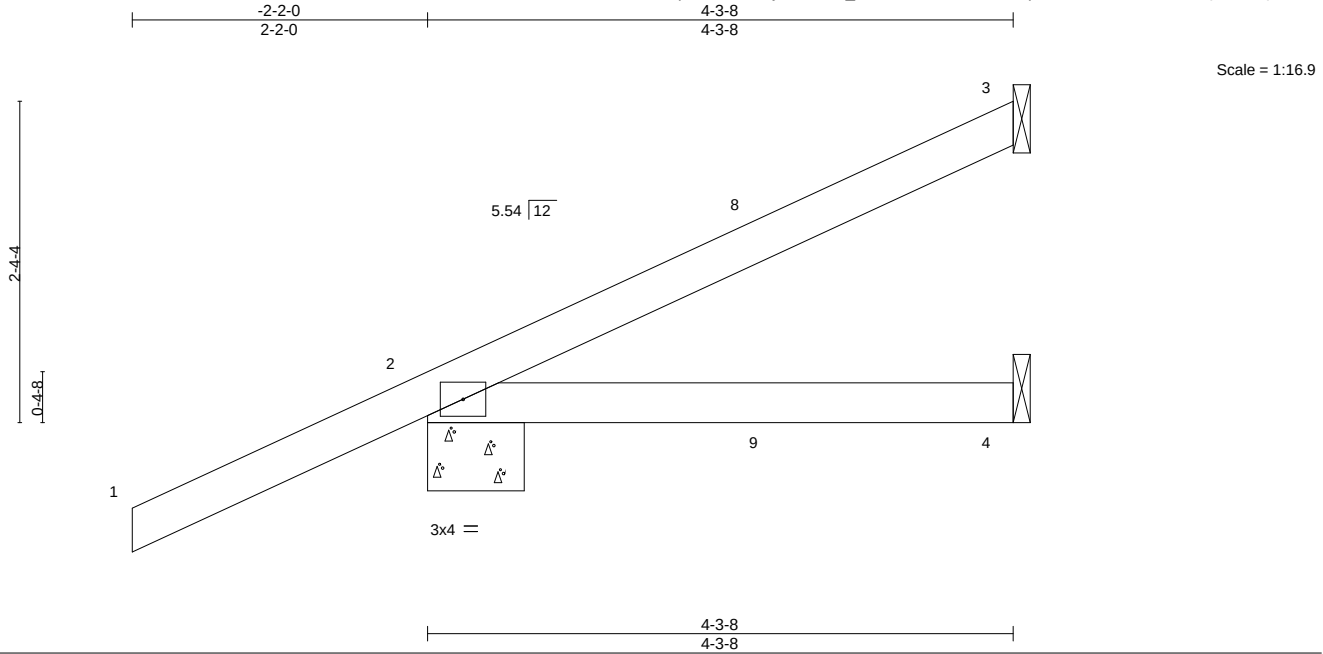


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.01	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.17	Vert(CT)	-0.03	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 17 lb	FT = 20%

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

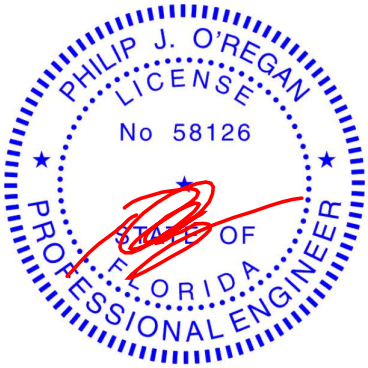
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-8-8, 4=Mechanical
Max Horz 2=97(LC 8)
Max Uplift 3=-64(LC 8), 2=-86(LC 8)
Max Grav 3=96(LC 1), 2=300(LC 1), 4=87(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) 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.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 85 lb down and 16 lb up at 2-6-4, and 31 lb down and 55 lb up at 4-2-12 on top chord, and 14 lb down and 8 lb up at 2-6-4, and 33 lb down at 4-2-12 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
Concentrated Loads (lb)
Vert: 3=-10(F) 4=-11(F) 9=8(B)



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	HJ10	Diagonal Hip Girder	4	1	T24252350 Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:18 2021 Page 1
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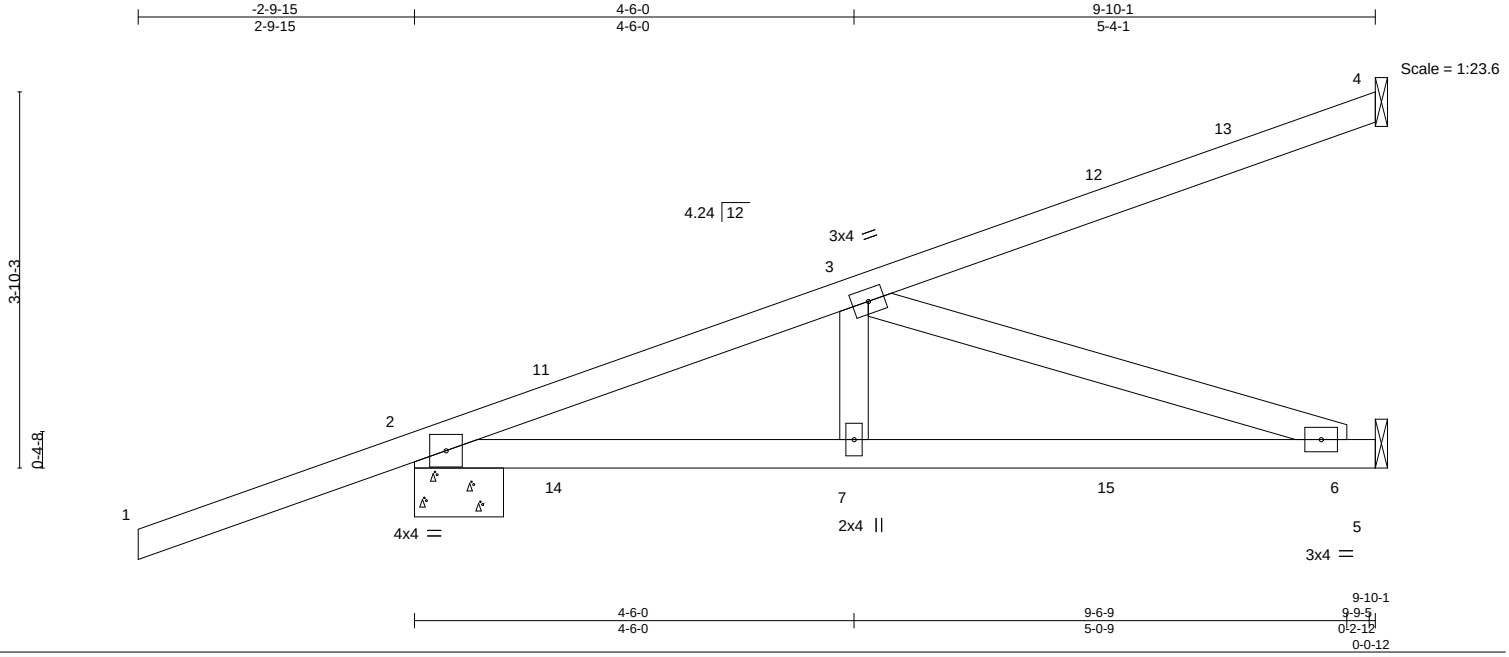


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	0.06	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.12	6-7	>967	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	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

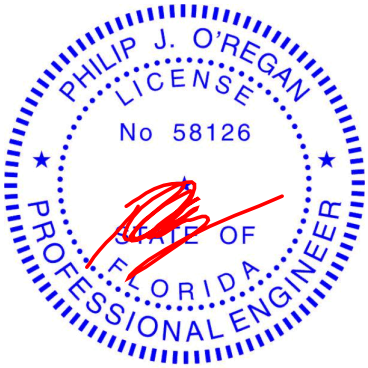
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-10-15, 5=Mechanical
Max Horz 2=160(LC 4)
Max Uplift 4=-81(LC 4), 2=-210(LC 4), 5=-110(LC 5)
Max Grav 4=150(LC 1), 2=463(LC 1), 5=266(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-628/240
BOT CHORD 2-7=-281/573, 6-7=-281/573
WEBS 3-6=-603/296

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=210, 5=110.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 56 lb down and 103 lb up at 1-6-1, 56 lb down and 103 lb up at 1-6-1, 20 lb down and 33 lb up at 4-4-0, 20 lb down and 33 lb up at 4-4-0, and 41 lb down and 75 lb up at 7-1-15, and 41 lb down and 75 lb up at 7-1-15 on top chord, and 44 lb down and 74 lb up at 1-6-1, 44 lb down and 74 lb up at 1-6-1, 42 lb down and 21 lb up at 4-4-0, 42 lb down and 21 lb up at 4-4-0, and 65 lb down at 7-1-15, and 65 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=2, B=2) 11=50(F=25, B=25) 12=-64(F=-32, B=-32) 14=70(F=35, B=35) 15=-49(F=-24, B=-24)



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	HJ10A	Diagonal Hip Girder	1	1	T24252351
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:19 2021 Page 1
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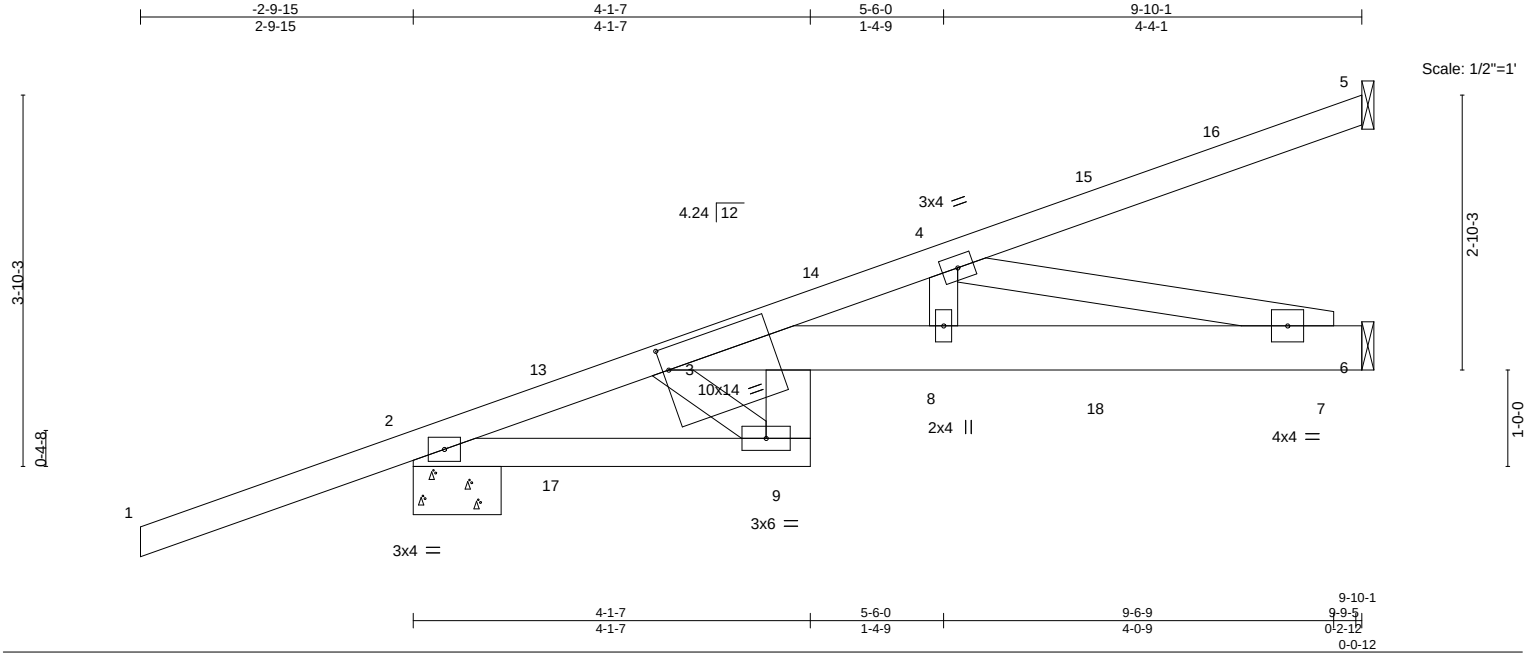


Plate Offsets (X,Y)-- [3:0-0-12,0-2-12]

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	0.62	Vert(LL)	-0.20	9	>597	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.35	9	>334	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(CT)	0.12	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 53 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP M 31
BOT CHORD 2x6 SP No.2 *Except*
2-9: 2x4 SP No.2
WEBS 2x4 SP No.3

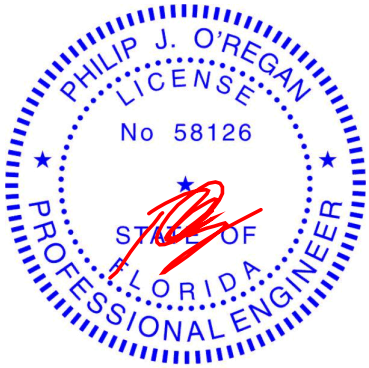
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 2=0-10-15, 6=Mechanical
Max Horz 2=160(LC 4)
Max Uplift 5=-47(LC 4), 2=-169(LC 4), 6=-84(LC 8)
Max Grav 5=107(LC 1), 2=481(LC 1), 6=318(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-1153/305
BOT CHORD 3-8=-353/1094, 7-8=-355/1102
WEBS 4-8=-48/383, 4-7=-1131/364

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) 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) 5, 6 except (jt=lb) 2=169.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 56 lb down and 103 lb up at 1-6-1, 56 lb down and 103 lb up at 1-6-1, 20 lb down and 33 lb up at 4-4-0, 20 lb down and 33 lb up at 4-4-0, and 39 lb down and 53 lb up at 7-1-15, and 39 lb down and 53 lb up at 7-1-15 on top chord, and 21 lb down and 74 lb up at 1-6-1, 21 lb down and 74 lb up at 1-6-1, and 52 lb down and 32 lb up at 7-1-15, and 52 lb down and 32 lb up 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: 1-3=-54, 3-5=-54, 9-10=-20, 3-6=-20
Concentrated Loads (lb)
Vert: 13=50(F=25, B=25) 15=-29(F=-14, B=-14) 17=70(F=35, B=35) 18=-105(F=-52, B=-52)



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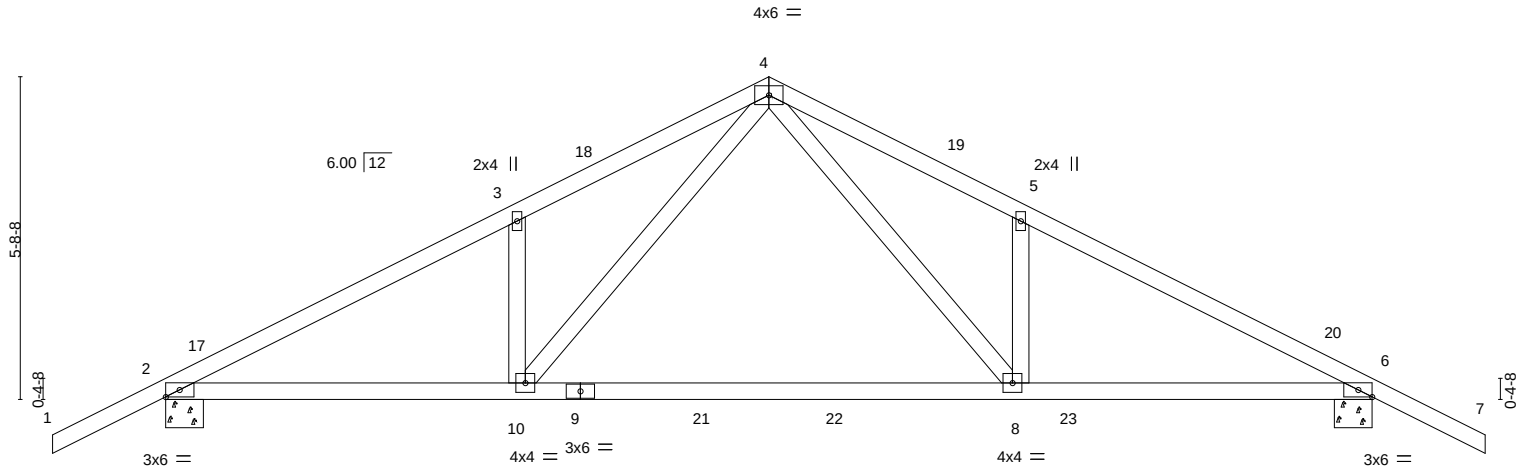
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T01	Common	6	1	T24252352
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:20 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-CCud9mbN4sTrDTtKV0PRlryGbff0_jwrs6N45_z8eQ9

-2-0-0	6-2-9	10-8-0	15-1-7	21-4-0	23-4-0
2-0-0	6-2-9	4-5-7	4-5-7	6-2-9	2-0-0

Scale = 1:40.7



6-2-9	15-1-7	21-4-0
6-2-9	8-10-14	6-2-9

Plate Offsets (X,Y)-- [6:0-2-15,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	-0.33	8-10	>771	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.65	8-10	>392	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 103 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.3

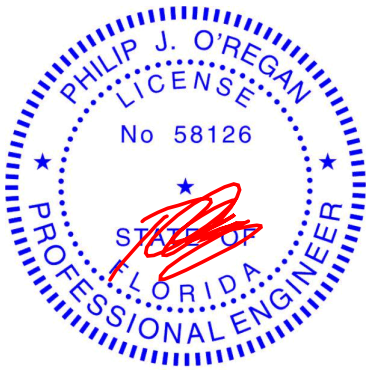
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-0, 6=0-8-0
Max Horz 2=-94(LC 13)
Max Uplift 2=-284(LC 12), 6=-290(LC 13)
Max Grav 2=1191(LC 2), 6=1212(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2096/543, 3-4=-2077/637, 4-5=-2117/651, 5-6=-2137/558
BOT CHORD 2-10=-385/1854, 8-10=-202/1179, 6-8=-407/1854
WEBS 4-8=-323/1120, 5-8=-269/187, 4-10=-302/1060, 3-10=-268/187

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) -2-0-0 to 0-9-14, Interior(1) 0-9-14 to 10-8-0, Exterior(2R) 10-8-0 to 13-8-0, Interior(1) 13-8-0 to 23-4-0 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) 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=284, 6=290.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-54, 10-11=-20, 10-23=-80(F=-60), 14-23=-20



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T01G	Common Supported Gable	1	1	T24252353 Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:21 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-gPS?M6c?rAbirdSW2jwgI3UVG38ojGx_5m7edQz8eQ8

-2-0-0 2-0-0 | 10-8-0 10-8-0 | 21-4-0 10-8-0 | 23-4-0 2-0-0

Scale = 1:41.9

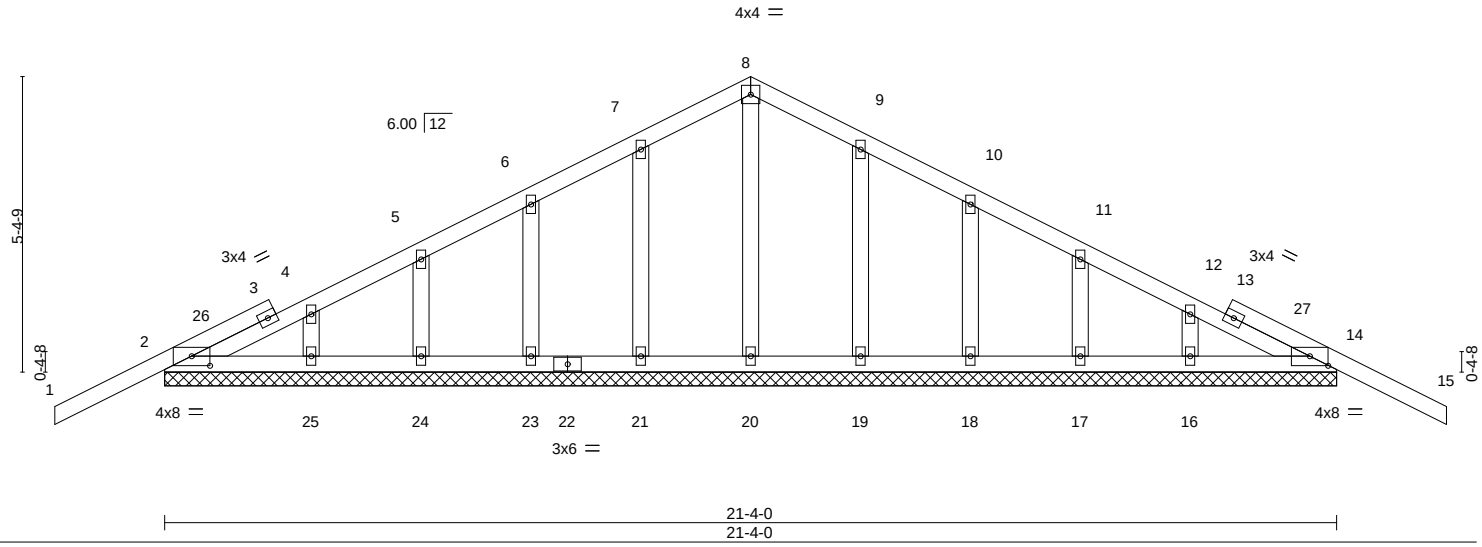


Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [14:0-4-0,0-2-1]

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	0.23	Vert(LL)	-0.02	15	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.03	15	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 114 lb	FT = 20%

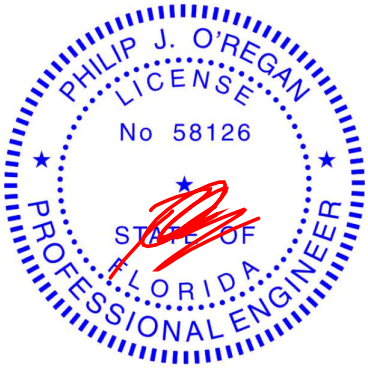
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 21-4-0.
(lb) - Max Horz 2=-89(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 21, 23, 24, 25, 19, 18, 17, 16
Max Grav All reactions 250 lb or less at joint(s) 2, 14, 20, 21, 23, 24, 25, 19, 18, 17, 16

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 10-8-0, Corner(3R) 10-8-0 to 13-8-0, Exterior(2N) 13-8-0 to 23-4-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 21, 23, 24, 25, 19, 18, 17, 16.
11) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.



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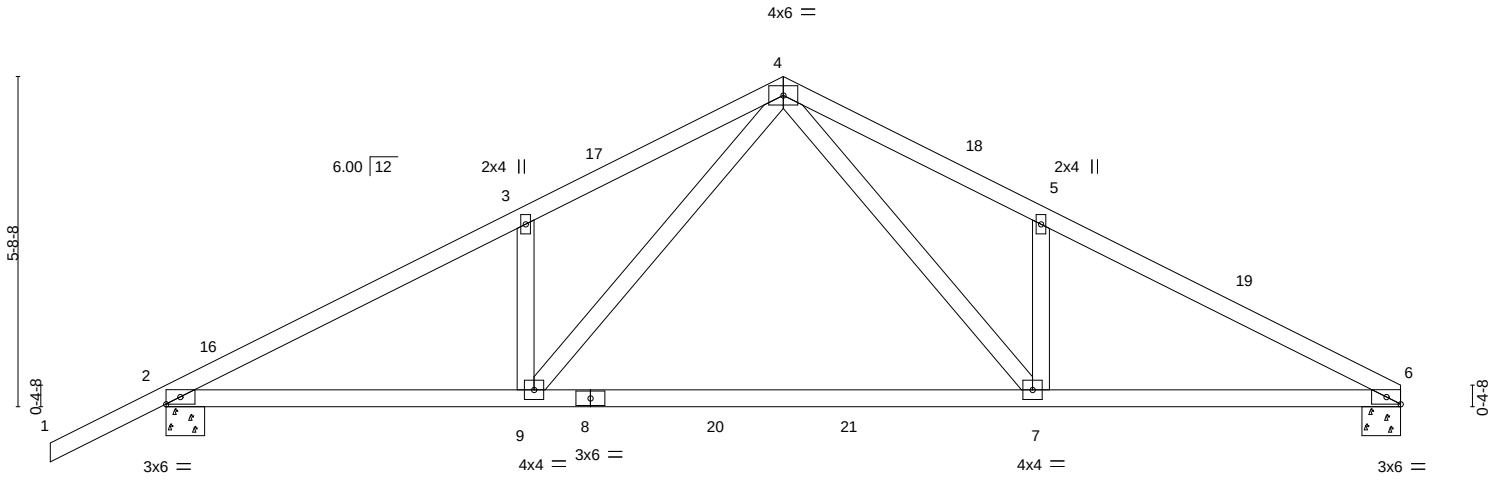
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T02	Common	4	1	T24252354
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:23 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-dnZmnodFMnrP5xcvA8y8NUanvsgrB4pHY4ckhJz8eQ6

-2-0-0 | 6-2-9 | 10-8-0 | 15-1-7 | 21-4-0
2-0-0 | 6-2-9 | 4-5-7 | 4-5-7 | 6-2-9

Scale = 1:39.8



6-2-9 | 15-1-7 | 21-4-0
6-2-9 | 8-10-14 | 6-2-9

Plate Offsets (X,Y)-- [6:0-2-15,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	-0.33	7-9	>783	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.65	7-9	>396	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 99 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.3

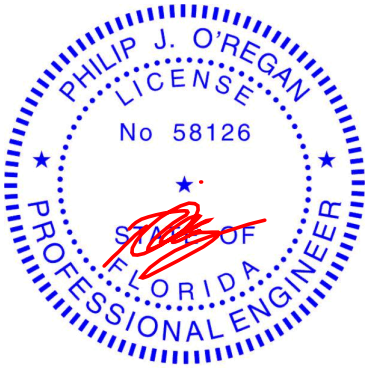
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-8-0, 2=0-8-0
Max Horz 2=109(LC 16)
Max Uplift 6=-235(LC 13), 2=-281(LC 12)
Max Grav 6=1087(LC 2), 2=1183(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2077/545, 3-4=-2058/640, 4-5=-2081/654, 5-6=-2096/561
BOT CHORD 2-9=-428/1821, 7-9=-237/1147, 6-7=-434/1820
WEBS 4-7=-320/1086, 5-7=-281/193, 4-9=-301/1060, 3-9=-269/187

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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 10-8-0, Exterior(2R) 10-8-0 to 13-8-0, Interior(1) 13-8-0 to 21-4-0 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) 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) 6=235, 2=281.
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, 4-6=-54, 9-13=-20, 7-9=-80(F=-60), 7-10=-20



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T03	Common	2	1	T24252355
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:24 2021 Page 1
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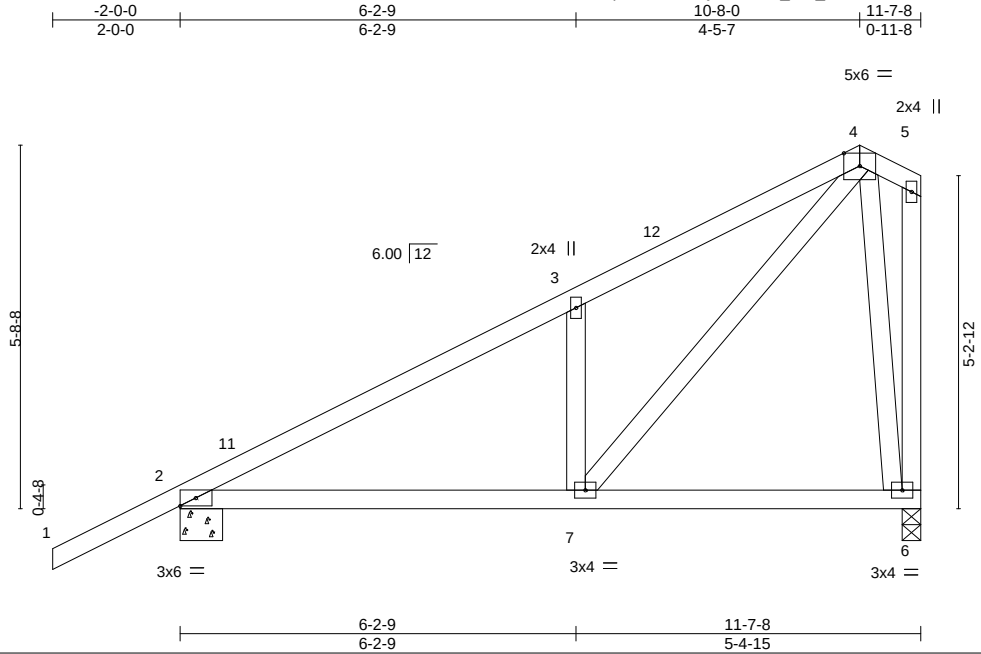


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.03	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.07	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 69 lb	FT = 20%

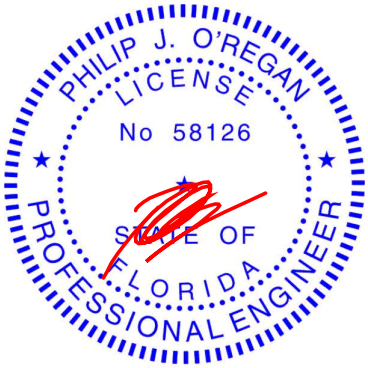
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-8-0, 6=0-3-8
Max Horz 2=205(LC 12)
Max Uplift 2=-121(LC 12), 6=-139(LC 12)
Max Grav 2=542(LC 1), 6=415(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-552/99, 3-4=-555/232
BOT CHORD 2-7=-232/437
WEBS 3-7=-316/260, 4-7=-302/593, 4-6=-378/268

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 10-8-0, Exterior(2E) 10-8-0 to 11-5-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=121, 6=139.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T04	Half Hip Girder	1	1	T24252356
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:26 2021 Page 1
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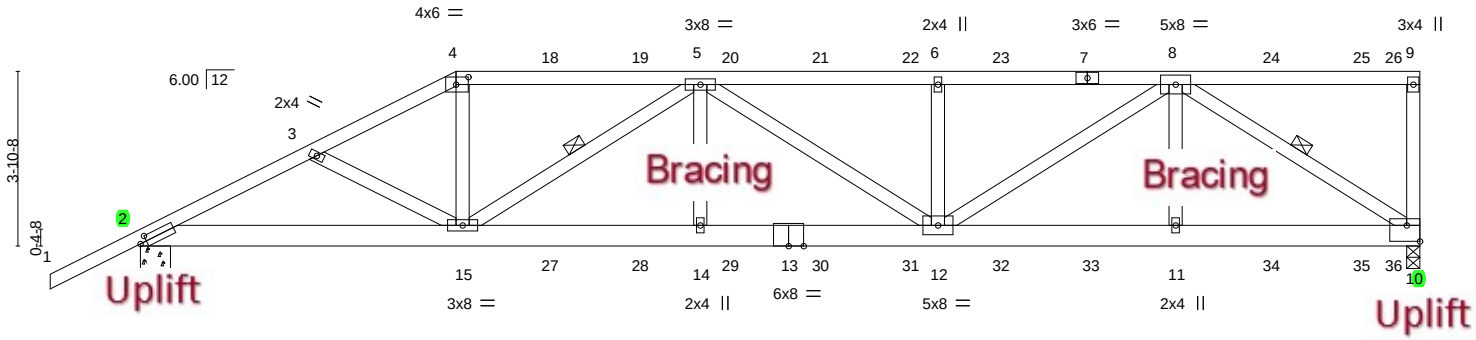
-2-0-0	3-10-15	7-0-0	12-5-0	17-8-4	22-11-8	28-4-8
2-0-0	3-10-15	3-1-1	5-5-0	5-3-4	5-3-4	5-5-0

Scale = 1:51.1



7-0-0	12-5-0	17-8-4	22-11-8	28-4-8
7-0-0	5-5-0	5-3-4	5-3-4	5-5-0

Plate Offsets (X,Y)-- [2:0-1-12,0-1-8], [4:0-3-4,0-2-0], [10:Edge,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	0.97	Vert(LL)	0.27	12-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.43	12-14	>796	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.86	Horz(CT)	0.11	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 177 lb	FT = 20%

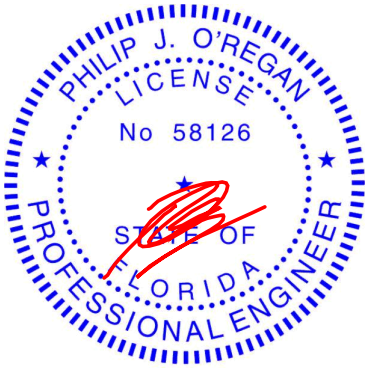
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 10=0-3-8, 2=0-8-0
Max Horz 2=151(LC 8)
Max Uplift 10=-1101(LC 5), 2=-850(LC 8)
Max Grav 10=2391(LC 1), 2=2054(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3960/1710, 3-4=-3800/1674, 4-5=-3431/1547, 5-6=-4278/1925, 6-8=-4278/1925, 9-10=-347/180
BOT CHORD 2-15=-1601/3503, 14-15=-2034/4527, 12-14=-2034/4527, 11-12=-1292/2856, 10-11=-1292/2856
WEBS 4-15=-536/1274, 5-15=-1365/655, 5-14=-103/436, 5-12=-299/176, 6-12=-533/274, 8-12=-777/1706, 8-11=-98/485, 8-10=-3367/1521

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) 10=1101, 2=850.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 125 lb down and 88 lb up at 7-0-0, 106 lb down and 88 lb up at 9-0-12, 106 lb down and 88 lb up at 11-0-12, 106 lb down and 88 lb up at 13-0-12, 106 lb down and 88 lb up at 15-0-12, 106 lb down and 85 lb up at 17-0-12, 106 lb down and 88 lb up at 19-0-12, 106 lb down and 88 lb up at 21-0-12, 106 lb down and 88 lb up at 23-0-12, 106 lb down and 88 lb up at 25-0-12, and 106 lb down and 88 lb up at 27-0-12, and 121 lb down and 87 lb up at 27-9-4 on top chord, and 294 lb down and 203 lb up at 7-0-0, 85 lb down and 59 lb up at 9-0-12, 85 lb down and 59 lb up at 11-0-12, 85 lb down and 59 lb up at 13-0-12, 85 lb down and 59 lb up at 15-0-12, 85 lb down and 59 lb up at 17-0-12, 85 lb down and 59 lb up at 19-0-12, 85 lb down and 59 lb up at 21-0-12, 85 lb down and 59 lb up at 23-0-12, 85 lb down and 59 lb up at 25-0-12, and 85 lb down and 59 lb up at 27-0-12, and 96 lb down and 54 lb up at 27-9-4 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).



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MiTek USA, Inc. FL Cert 6634
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Date:
June 8,2021

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

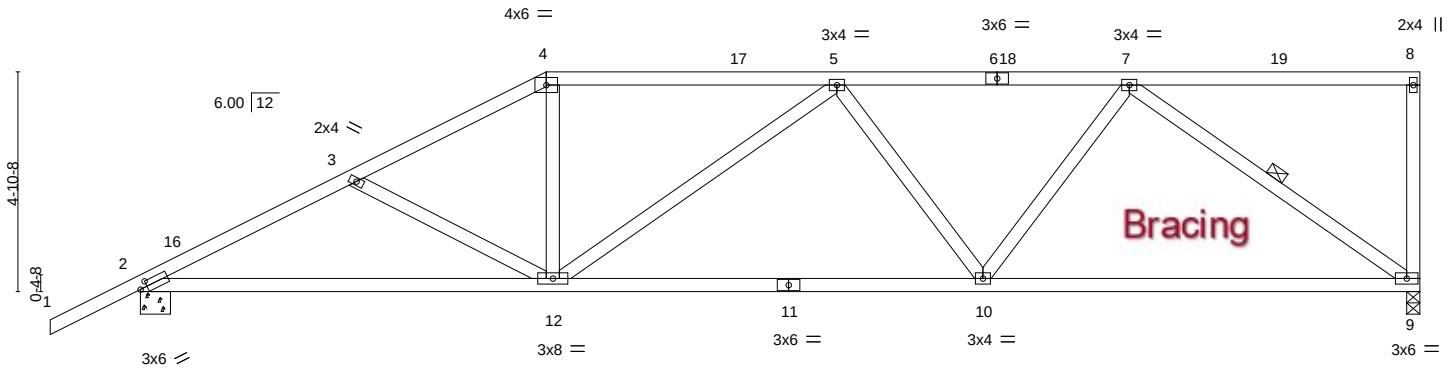
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-9=-54, 2-10=-20
   Concentrated Loads (lb)
   Vert: 4=-106(B) 7=-106(B) 15=-284(B) 11=-61(B) 8=-106(B) 18=-106(B) 19=-106(B) 20=-106(B) 21=-106(B) 22=-106(B) 23=-106(B) 24=-106(B) 25=-106(B) 26=-121(B) 27=-61(B) 28=-61(B) 29=-61(B) 30=-61(B) 31=-61(B) 32=-61(B) 33=-61(B) 34=-61(B) 35=-61(B) 36=-66(B)

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T05	Half Hip	1	1	T24252357
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:27 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-VZpGd9gmQ0MrZYvgP_14XKkTUUz67tptTiayq4z8eQ2

-2-0-0	4-9-8	9-0-0	15-5-6	21-11-3	28-4-8
2-0-0	4-9-8	4-2-8	6-5-6	6-5-13	6-5-5

Scale = 1:51.1



9-0-0	18-8-4	28-4-8
9-0-0	9-8-4	9-8-5

Plate Offsets (X,Y)-- [2:0-1-15,0-1-8]

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	0.51	Vert(LL)	-0.22	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.44	9-10	>764	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.07	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 148 lb	FT = 20%

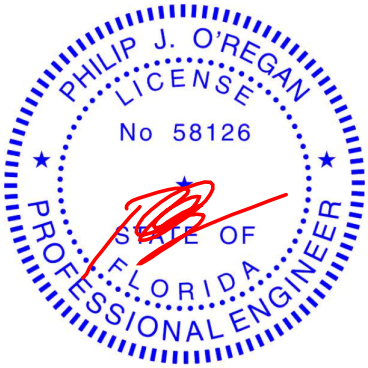
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-9

REACTIONS. (size) 9=0-3-8, 2=0-8-0
Max Horz 2=185(LC 12)
Max Uplift 9=-270(LC 9), 2=-289(LC 12)
Max Grav 9=1041(LC 1), 2=1156(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1900/458, 3-4=-1644/384, 4-5=-1435/375, 5-7=-1451/344
BOT CHORD 2-12=-511/1658, 10-12=-421/1618, 9-10=-311/1138
WEBS 3-12=-268/155, 4-12=-45/478, 5-12=-323/153, 5-10=-289/185, 7-10=-108/567, 7-9=-1373/381

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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 9-0-0, Exterior(2R) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 28-2-12 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) 9=270, 2=289.



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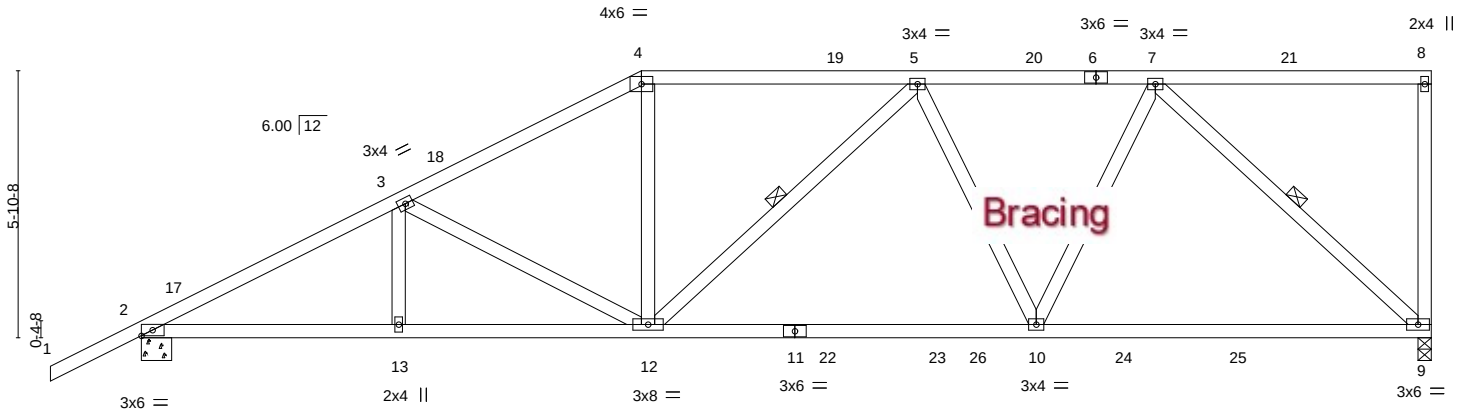
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T06	Half Hip	1	1	T24252358
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:28 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-zlNfqVhOBKUiBiUtziYJ4XHfdtJLsKo0iMJVNXz8eQ1

-2-0-0	5-7-15	11-0-0	17-0-14	22-3-10	28-4-8
2-0-0	5-7-15	5-4-1	6-0-14	5-2-13	6-0-14

Scale = 1:50.7



5-7-15	11-0-0	19-8-3	28-4-8
5-7-15	5-4-1	8-8-4	8-8-5

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	-0.19	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.33	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.07	9	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 159 lb	FT = 20%

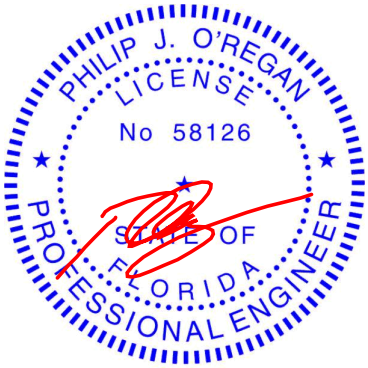
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-12, 7-9

REACTIONS. (size) 9=0-3-8, 2=0-8-0
Max Horz 2=219(LC 12)
Max Uplift 9=-265(LC 9), 2=-288(LC 12)
Max Grav 9=1166(LC 2), 2=1230(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2078/434, 3-4=-1638/360, 4-5=-1426/356, 5-7=-1298/264
BOT CHORD 2-13=-518/1817, 12-13=-518/1817, 10-12=-330/1421, 9-10=-234/991
WEBS 3-12=-467/184, 4-12=-25/475, 5-10=-349/192, 7-10=-127/722, 7-9=-1330/318

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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 11-0-0, Exterior(2R) 11-0-0 to 15-2-15, Interior(1) 15-2-15 to 28-2-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=265, 2=288.



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Date:
June 8,2021

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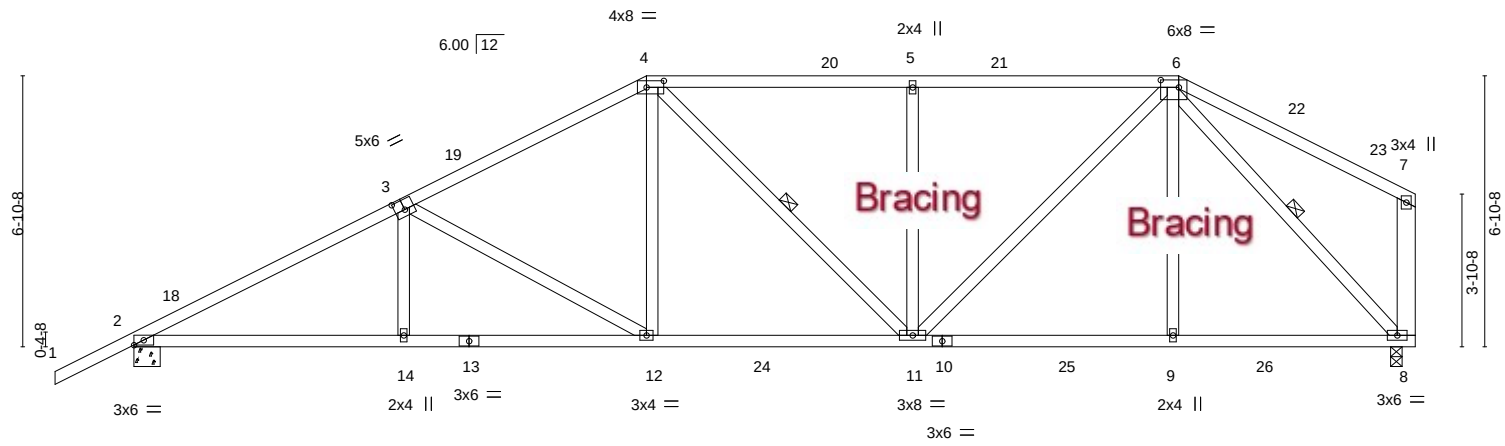
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T07	Hip	1	1	T24252359
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:29 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-Rxx12ri0ydcZps33WP3YclppvHjWblc9x033vzz8eQ0

-2-0-0	6-10-2	13-0-0	19-9-0	26-6-0	32-6-0
2-0-0	6-10-2	6-1-14	6-9-0	6-9-0	6-0-0

Scale = 1:58.4



6-10-2	13-0-0	19-9-0	26-6-0	32-2-0	32-6-0
6-10-2	6-1-14	6-9-0	6-9-0	5-8-0	0-4-0

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

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	0.51	Vert(LL)	-0.14	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.24	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.08	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 194 lb	FT = 20%

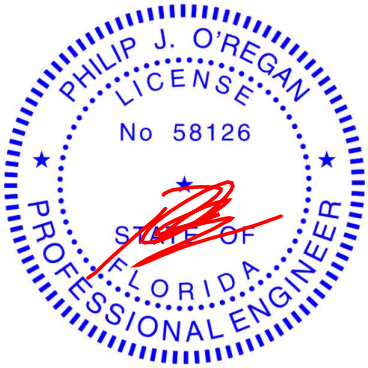
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
7-8: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-0-8 oc bracing.
WEBS 1 Row at midpt 4-11, 6-8

REACTIONS. (size) 2=0-8-0, 8=0-3-8
Max Horz 2=197(LC 12)
Max Uplift 2=-317(LC 12), 8=-230(LC 13)
Max Grav 2=1402(LC 2), 8=1351(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2408/486, 3-4=-1849/398, 4-5=-1609/362, 5-6=-1609/362
BOT CHORD 2-14=-532/2104, 12-14=-531/2107, 11-12=-339/1604, 9-11=-162/1018, 8-9=-163/1011
WEBS 3-14=0/266, 3-12=-595/222, 4-12=-67/545, 5-11=-418/204, 6-11=-212/855, 6-9=0/350, 6-8=-1474/235

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) -2-0-0 to 1-3-0, Interior(1) 1-3-0 to 13-0-0, Exterior(2R) 13-0-0 to 17-7-2, Interior(1) 17-7-2 to 26-6-0, Exterior(2R) 26-6-0 to 31-1-2, Interior(1) 31-1-2 to 32-3-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=317, 8=230.



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Date:
June 8,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T08	Hip	1	1	T24252360
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:30 2021 Page 1
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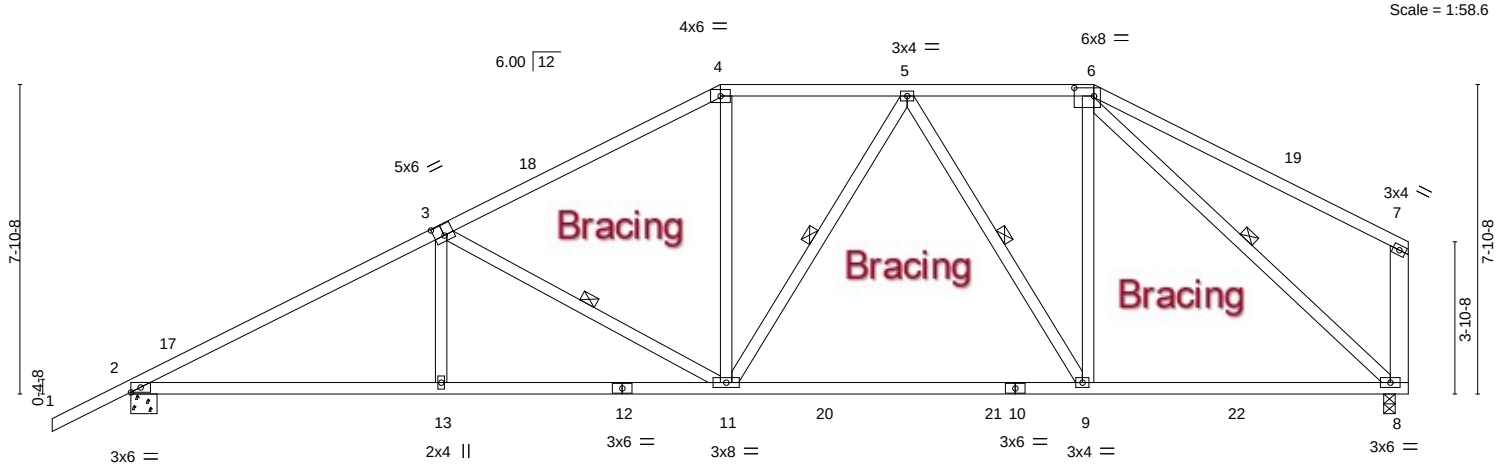
-2-0-0 | 7-10-12 | 15-0-0 | 19-9-0 | 24-6-0 | 32-6-0
2-0-0 | 7-10-12 | 7-1-4 | 4-9-0 | 4-9-0 | 8-0-0

Scale = 1:58.6



7-10-12 | 15-0-0 | 24-6-0 | 32-2-0 | 32-6-0
7-10-12 | 7-1-4 | 9-6-0 | 7-8-0 | 0-4-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.28	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.46	9-11	>848	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.08	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 193 lb	FT = 20%

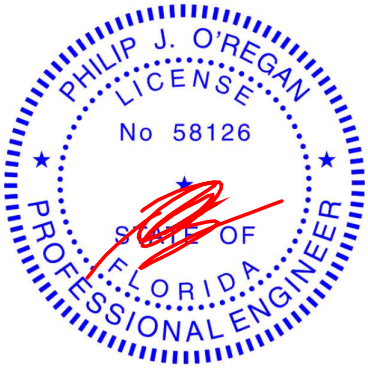
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
7-8: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-1-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 1-4-12 oc bracing.
WEBS 1 Row at midpt 3-11, 5-11, 5-9, 6-8

REACTIONS. (size) 2=0-8-0, 8=0-3-8
Max Horz 2=212(LC 12)
Max Uplift 2=-313(LC 12), 8=-227(LC 13)
Max Grav 2=1401(LC 2), 8=1357(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2349/469, 3-4=-1699/359, 4-5=-1456/364, 5-6=-1131/283
BOT CHORD 2-13=-522/2046, 11-13=-522/2045, 9-11=-245/1353, 8-9=-169/1116
WEBS 3-13=0/301, 3-11=-688/269, 4-11=-46/489, 5-9=-515/174, 6-9=-92/824, 6-8=-1464/204

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) -2-0-0 to 1-3-0, Interior(1) 1-3-0 to 15-0-0, Exterior(2R) 15-0-0 to 19-9-0, Interior(1) 19-9-0 to 24-6-0, Exterior(2R) 24-6-0 to 29-1-2, Interior(1) 29-1-2 to 32-3-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=313, 8=227.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

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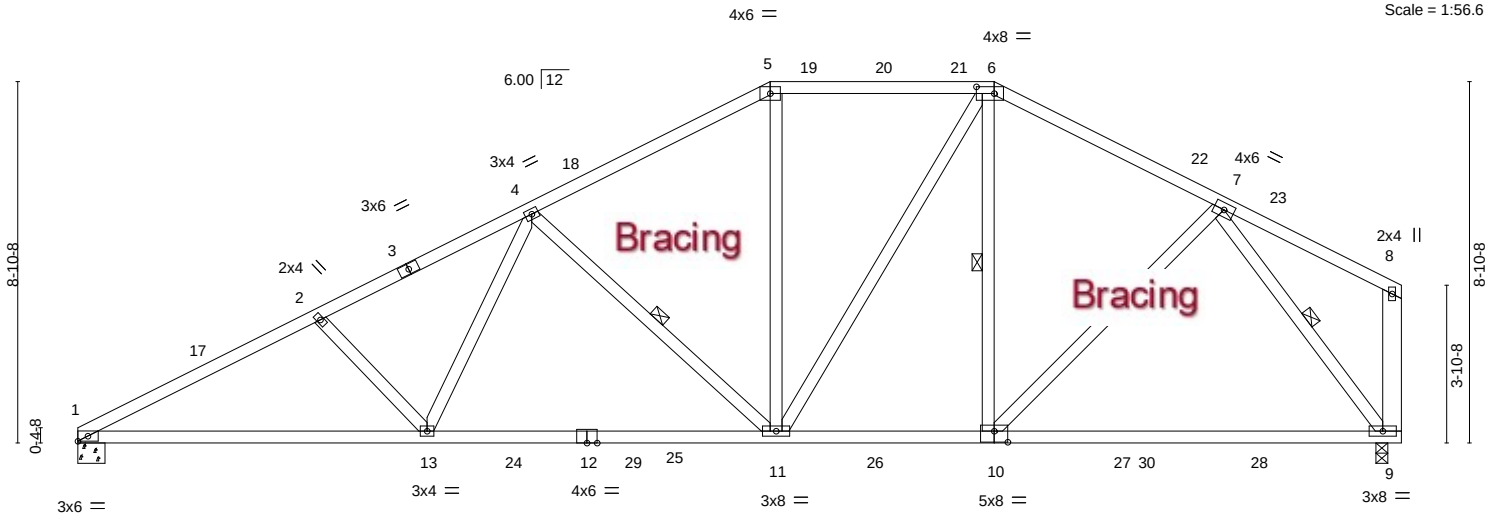
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T09	Hip	1	1	T24252361
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:31 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-OK2nTXjGUFsH29DReq50hAvAY5Lu2iBSOKY9_rz8eQ_

5-11-7	11-1-12	17-0-0	22-6-0	28-0-1	32-6-0
5-11-7	5-2-5	5-10-4	5-6-0	5-6-1	4-5-15

Scale = 1:56.6



8-6-15	17-0-0	22-6-0	32-2-0	32-6-0
8-6-15	8-5-2	5-6-0	9-8-0	0-4-0

Plate Offsets (X,Y)-- [6:0-5-4,0-2-0], [10:0-4-0,0-3-4]

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	0.44	Vert(LL)	-0.27	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-0.47	9-10	>822	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.07	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 197 lb	FT = 20%

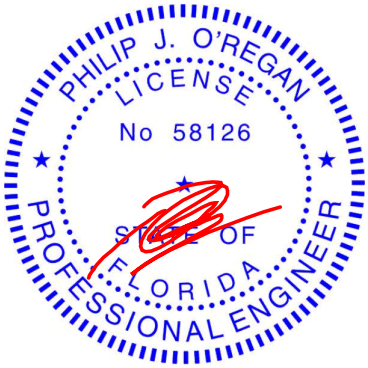
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31 *Except*
1-12: 2x4 SP No.2
WEBS 2x4 SP No.3 *Except*
8-9: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-11, 6-10, 7-9

REACTIONS. (size) 1=0-8-0, 9=0-3-8
Max Horz 1=197(LC 12)
Max Uplift 1=-266(LC 12), 9=-223(LC 13)
Max Grav 1=1318(LC 2), 9=1352(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2427/498, 2-4=-2265/471, 4-5=-1490/346, 5-6=-1283/345, 6-7=-1307/308
BOT CHORD 1-13=-581/2143, 11-13=-428/1739, 10-11=-163/1116, 9-10=-166/828
WEBS 2-13=-287/173, 4-13=-88/583, 4-11=-636/257, 5-11=-46/399, 6-11=-148/380, 7-10=-42/456, 7-9=-1312/290

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 3-3-0, Interior(1) 3-3-0 to 17-0-0, Exterior(2R) 17-0-0 to 21-7-2, Interior(1) 21-7-2 to 22-6-0, Exterior(2R) 22-6-0 to 27-1-2, Interior(1) 27-1-2 to 32-3-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=266, 9=223.



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T10	Hip	1	1	T24252362
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:33 2021 Page 1
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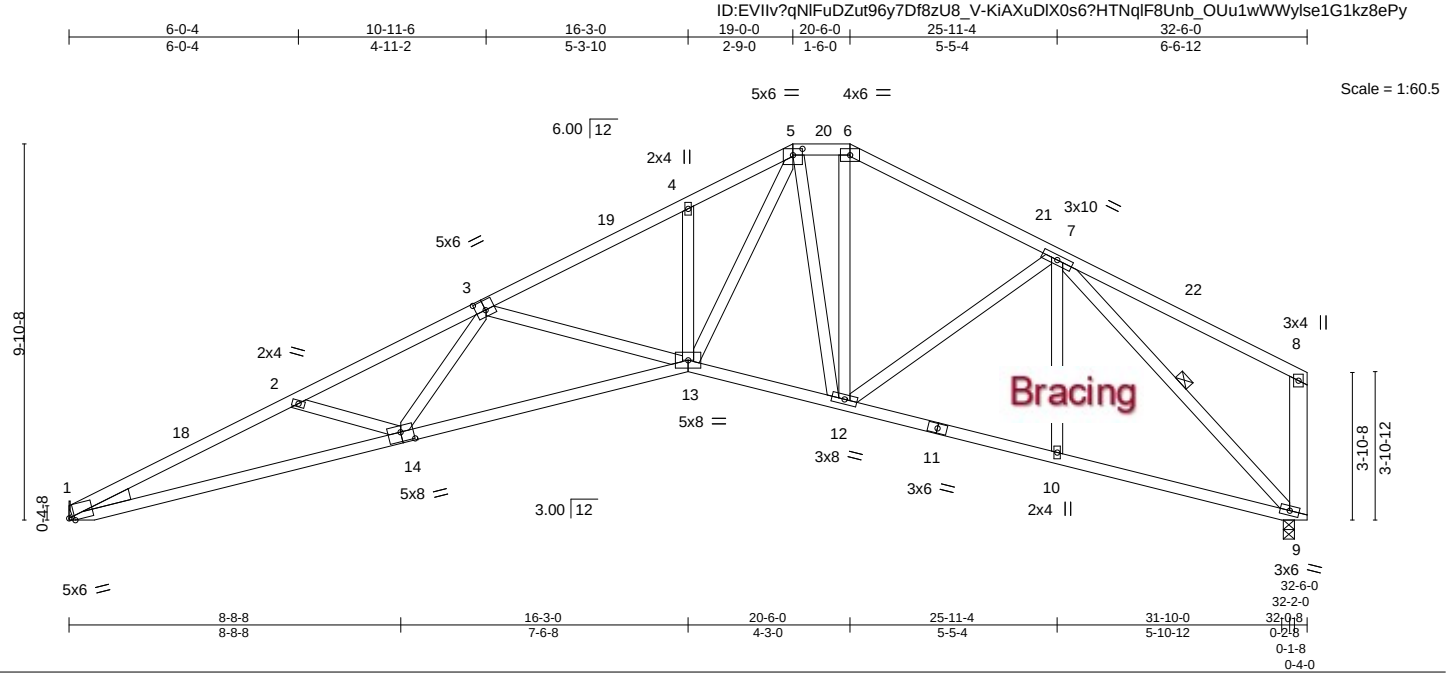


Plate Offsets (X,Y)-- [1:0-1-12,Edge], [3:0-3-0,0-3-0], [5:0-3-0,0-2-0], [14:0-4-0,0-3-0]

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	0.86	Vert(LL)	-0.33	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.66	13-14	>584	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(CT)	0.36	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 197 lb	FT = 20%

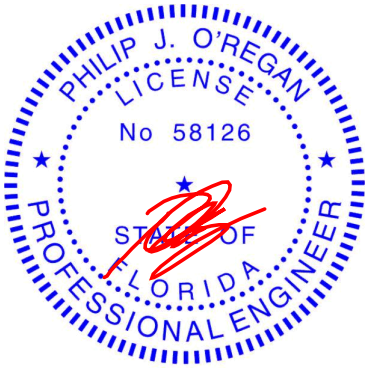
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
1-14: 2x4 SP M 31
WEBS 2x4 SP No.3 *Except*
8-9: 2x6 SP No.2
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-1-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-9

REACTIONS. (size) 9=0-3-8, 1=Mechanical
Max Horz 1=212(LC 12)
Max Uplift 9=-219(LC 13), 1=-261(LC 12)
Max Grav 9=1194(LC 1), 1=1194(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3841/1003, 2-3=-3531/882, 3-4=-2610/629, 4-5=-2589/710, 5-6=-1351/370, 6-7=-1578/389
BOT CHORD 1-14=-1074/3465, 13-14=-853/3053, 12-13=-302/1521, 10-12=-225/1226, 9-10=-224/1228
WEBS 3-14=-61/461, 3-13=-712/303, 5-13=-550/1847, 5-12=-625/207, 6-12=-124/474, 7-12=-53/283, 7-10=0/257, 7-9=-1687/303

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 3-3-0, Interior(1) 3-3-0 to 19-0-0, Exterior(2E) 19-0-0 to 20-6-0, Exterior(2R) 20-6-0 to 25-1-2, Interior(1) 25-1-2 to 32-3-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) Refer to girder(s) for truss to truss connections.
8) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=219, 1=261.



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Date:
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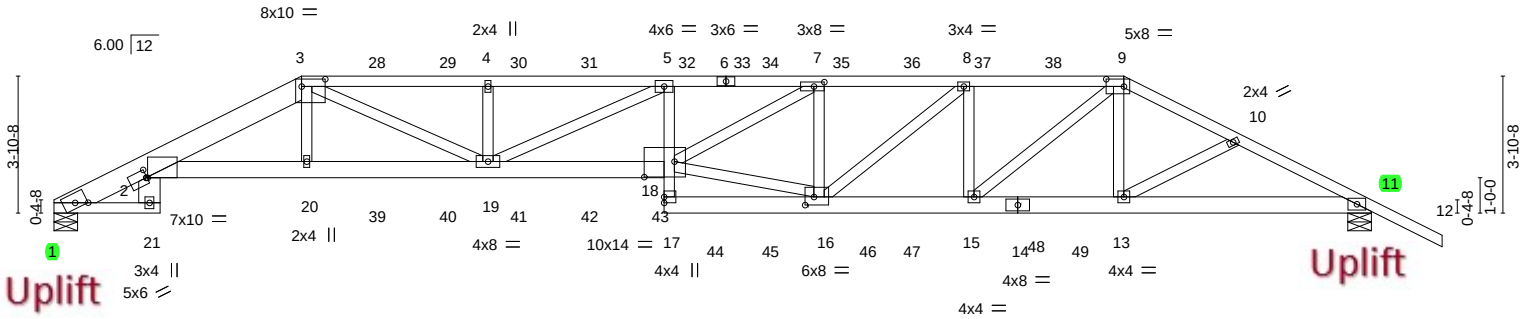
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T11	Hip Girder	1	2	T24252363
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:37 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-CUQ2jao135cQm4gb_5CQxR95jWPFSJzLnG?UAVz8ePu

3-0-0	7-0-0	12-3-4	17-3-0	21-7-9	25-10-7	30-3-0	33-4-1	37-3-0	39-3-0
3-0-0	4-0-0	5-3-4	4-11-12	4-4-9	4-2-13	4-4-9	3-1-1	3-10-15	2-0-0

Scale = 1:65.1



3-0-0	7-0-0	12-3-4	17-3-0	21-7-9	25-10-7	30-3-0	33-4-1	37-3-0
3-0-0	4-0-0	5-3-4	4-11-12	4-4-9	4-2-13	4-4-9	3-1-1	3-10-15

Plate Offsets (X,Y)-- [1:0-4-0,0-1-15], [2:0-0-4,0-2-14], [2:0-0-8,0-0-0], [3:0-8-0,0-2-8], [7:0-3-8,0-1-8], [9:0-6-0,0-2-8], [16:0-3-0,0-2-12], [18:0-10-4,0-5-4]

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	0.78	Vert(LL)	0.53	18-19	>843	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.95	18-19	>473	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.81	Horz(CT)	0.32	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 470 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
1-3: 2x8 SP 2400F 2.0E
BOT CHORD 2x4 SP No.2 *Except*
2-21: 2x8 SP 2400F 2.0E, 2-18: 2x6 SP M 26
14-17,11-14: 2x6 SP No.2
WEBS 2x4 SP No.3 *Except*
16-18: 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-0-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-10-4 oc bracing.

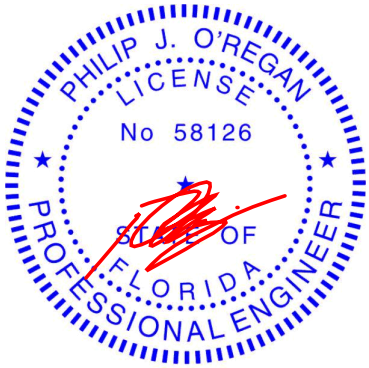
REACTIONS. (size) 1=0-8-0, 11=0-8-0
Max Horz 1=-82(LC 32)
Max Uplift 1=-934(LC 8), 11=-1109(LC 9)
Max Grav 1=2791(LC 1), 11=2859(LC 1)

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

TOP CHORD 2-25=-1402/513, 2-3=-7655/2629, 3-4=-9842/3528, 4-5=-9842/3528, 5-7=-11478/4312, 7-8=-7857/3082, 8-9=-6890/2770, 9-10=-5591/2248, 10-11=-5750/2287
BOT CHORD 2-21=-98/314, 2-20=-2380/7026, 19-20=-2400/7099, 18-19=-4317/11666, 5-18=-210/471, 16-17=-371/947, 15-16=-2687/6890, 13-15=-1935/4998, 11-13=-1965/5101
WEBS 3-20=-343/1238, 3-19=-1256/3112, 4-19=-502/238, 5-19=-2054/968, 16-18=-2760/7216, 7-18=-1388/4062, 7-16=-2491/931, 8-16=-430/1291, 8-15=-1311/524, 9-15=-981/2447, 9-13=-206/638

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x8 - 2 rows staggered at 0-9-0 oc, 2x6 - 2 rows staggered 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; 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 100 lb uplift at joint(s) except (jt=lb) 1=934, 11=1109.



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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) 109 lb down and 70 lb up at 7-0-0, 90 lb down and 70 lb up at 9-0-12, 90 lb down and 70 lb up at 11-0-12, 90 lb down and 70 lb up at 13-0-12, 90 lb down and 70 lb up at 15-0-12, 90 lb down and 70 lb up at 17-0-12, 106 lb down and 81 lb up at 18-7-8, 106 lb down and 88 lb up at 20-2-4, 106 lb down and 88 lb up at 22-2-4, 106 lb down and 88 lb up at 24-2-4, 106 lb down and 88 lb up at 26-2-4, and 106 lb down and 88 lb up at 28-2-4, and 227 lb down and 175 lb up at 30-3-0 on top chord, and 373 lb down and 145 lb up at 7-0-0, 87 lb down and 33 lb up at 9-0-12, 87 lb down and 33 lb up at 11-0-12, 87 lb down and 33 lb up at 13-0-12, 87 lb down and 33 lb up at 15-0-12, 87 lb down and 33 lb up at 17-0-12, 85 lb down and 59 lb up at 18-7-8, 85 lb down and 59 lb up at 20-2-4, 85 lb down and 59 lb up at 22-2-4, 85 lb down and 59 lb up at 24-2-4, 85 lb down and 59 lb up at 26-2-4, and 85 lb down and 59 lb up at 28-2-4, and 294 lb down and 203 lb up at 30-2-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 2-24=-54, 2-3=-54, 3-9=-54, 9-12=-54, 1-21=-20, 2-18=-20, 11-17=-20
   Concentrated Loads (lb)
   Vert: 3=-90(F) 9=-180(F) 20=-373(F) 13=-284(F) 28=-90(F) 29=-90(F) 30=-90(F) 31=-90(F) 32=-90(F) 33=-106(F) 34=-106(F) 35=-106(F) 36=-106(F) 37=-106(F) 38=-106(F) 39=-83(F) 40=-83(F) 41=-83(F) 42=-83(F) 43=-83(F) 44=-61(F) 45=-61(F) 46=-61(F) 47=-61(F) 48=-61(F) 49=-61(F)

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T12	Hip	1	1	T24252364
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:39 2021 Page 1
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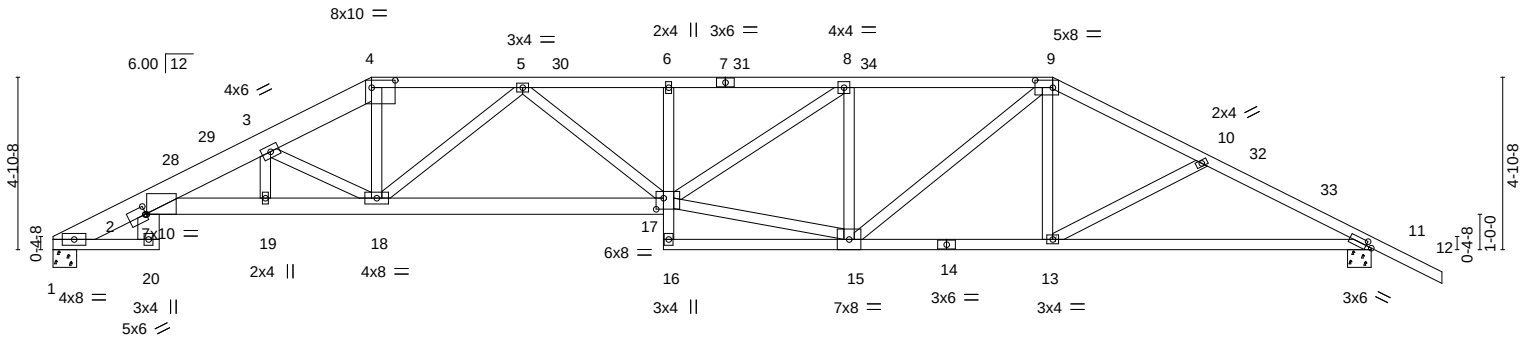
3-0-0	6-0-0	9-0-0	13-3-4	17-3-0	22-5-15	28-3-0	32-5-8	37-3-0	39-3-0
3-0-0	3-0-0	3-0-0	4-3-4	3-11-12	5-2-15	5-9-1	4-2-8	4-9-8	2-0-0

Scale = 1:65.1



3-0-0	6-0-0	9-0-0	17-3-0	22-5-15	28-3-0	37-3-0
3-0-0	3-0-0	3-0-0	8-3-0	5-2-15	5-9-1	9-0-0

Plate Offsets (X,Y)-- [2:0-0-4,0-2-14], [2:0-0-8,0-0-0], [4:0-8-0,0-2-8], [9:0-6-0,0-2-8], [11:0-1-15,0-1-8], [17:0-2-8,0-3-12]

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	0.54	Vert(LL)	-0.30	6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.56	17-18	>794	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.25	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 227 lb	FT = 20%

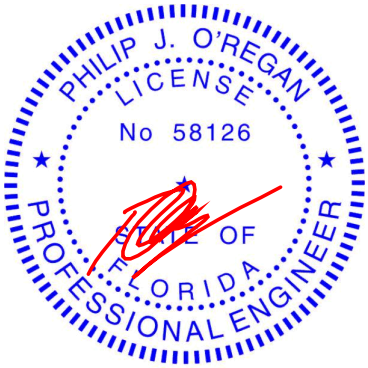
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x8 SP 2400F 2.0E
BOT CHORD 2x4 SP No.2 *Except*
2-20: 2x8 SP 2400F 2.0E, 2-17: 2x6 SP M 26, 6-16: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-11-10 oc bracing: 11-13.

REACTIONS. (size) 1=0-8-0, 11=0-8-0
Max Horz 1=-97(LC 17)
Max Uplift 1=-291(LC 12), 11=-341(LC 13)
Max Grav 1=1376(LC 1), 11=1477(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-24=-672/185, 2-3=-3902/838, 3-4=-3033/637, 4-5=-2661/586, 5-6=-3560/781, 6-8=-3535/779, 8-9=-2655/609, 9-10=-2338/500, 10-11=-2592/573
BOT CHORD 2-19=-776/3656, 18-19=-776/3656, 17-18=-670/3250, 13-15=-337/2049, 11-13=-428/2275
WEBS 3-19=-53/268, 3-18=-1208/349, 4-18=-226/1281, 5-18=-837/280, 5-17=-121/471, 15-17=-480/2510, 8-17=-253/1040, 8-15=-922/290, 9-15=-257/852, 9-13=-25/372, 10-13=-267/154

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) 0-4-0 to 4-0-11, Interior(1) 4-0-11 to 9-0-0, Exterior(2R) 9-0-0 to 14-3-3, Interior(1) 14-3-3 to 28-3-0, Exterior(2R) 28-3-0 to 33-6-3, Interior(1) 33-6-3 to 39-3-0 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) 1=291, 11=341.



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6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

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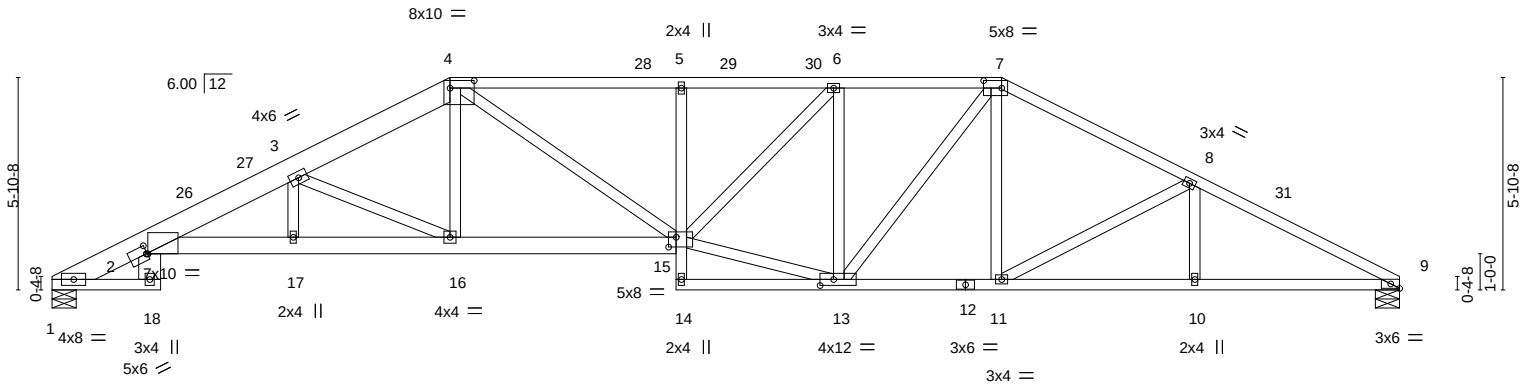
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T13	Hip	1	1	T24252365
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:40 2021 Page 1
ID:EVIIv?qNIFuDZut96y7Df8zU8_V-d35BMcqwM0_?dYPAgDm7Z3nfxjUPfgznTDE8nqz8ePr

3-0-0	6-8-0	11-0-0	17-3-0	21-9-0	26-3-0	31-7-1	37-3-0
3-0-0	3-8-0	4-4-0	6-3-0	4-6-0	4-6-0	5-4-1	5-7-15

Scale: 3/16"=1'



3-0-0	6-8-0	11-0-0	17-3-0	21-9-0	26-3-0	31-7-1	37-3-0
3-0-0	3-8-0	4-4-0	6-3-0	4-6-0	4-6-0	5-4-1	5-7-15

Plate Offsets (X,Y)-- [2:0-0-4,0-2-14], [2:0-0-8,0-0-0], [4:0-8-0,0-2-8], [7:0-6-0,0-2-8], [9:0-2-15,Edge], [13:0-4-8,0-2-0], [15:0-2-8,0-3-4]

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	0.59	Vert(LL)	-0.24	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.45	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.24	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 237 lb	FT = 20%

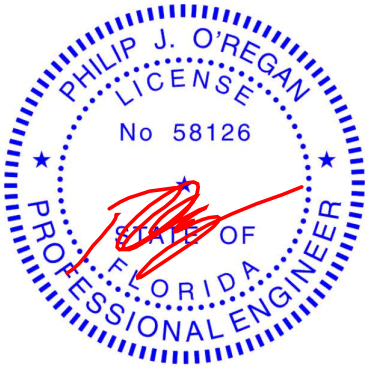
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x8 SP 2400F 2.0E
BOT CHORD 2x4 SP No.2 *Except*
2-18: 2x8 SP 2400F 2.0E, 2-15: 2x6 SP M 26, 5-14: 2x4 SP No.3
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-10-4 oc bracing: 10-11
8-9-0 oc bracing: 9-10.

REACTIONS. (size) 1=0-8-0, 9=0-8-0
Max Horz 1=82(LC 12)
Max Uplift 1=-290(LC 12), 9=-296(LC 13)
Max Grav 1=1378(LC 1), 9=1366(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-22=-674/170, 2-3=-3714/798, 3-4=-2715/578, 4-5=-2803/621, 5-6=-2781/615, 6-7=-2219/521, 7-8=-2200/484, 8-9=-2648/566
BOT CHORD 2-17=-761/3459, 16-17=-761/3459, 15-16=-434/2352, 5-15=-311/151, 11-13=-298/1911, 10-11=-449/2318, 9-10=-449/2318
WEBS 3-17=-32/313, 3-16=-1251/367, 4-16=-122/684, 4-15=-200/660, 13-15=-346/2097, 6-15=-217/816, 6-13=-826/247, 7-13=-171/583, 7-11=-62/360, 8-11=-473/198

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) 0-4-0 to 4-0-11, Interior(1) 4-0-11 to 11-0-0, Exterior(2R) 11-0-0 to 16-3-3, Interior(1) 16-3-3 to 26-3-0, Exterior(2R) 26-3-0 to 31-7-1, Interior(1) 31-7-1 to 37-3-0 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) 1=290, 9=296.



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Date:
June 8,2021

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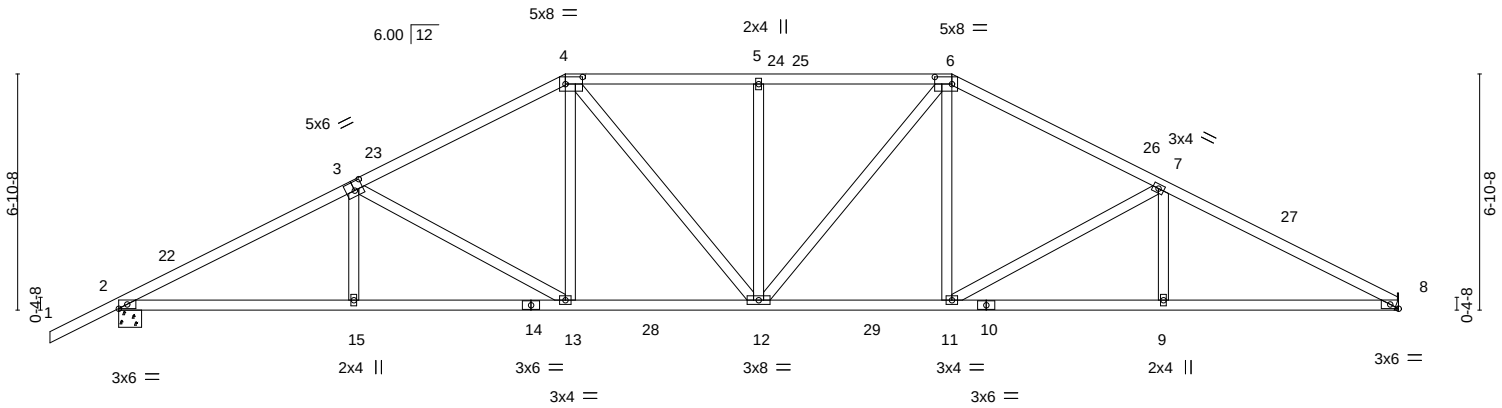
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T14	Hip	1	1	T24252366
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:42 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-ZRDxmIsAudEjsrZZneobeUs19X7l7dY4wXjFrjz8ePp

-2-0-0	6-10-2	13-0-0	18-7-8	24-3-0	30-4-14	37-3-0
2-0-0	6-10-2	6-1-14	5-7-8	5-7-8	6-1-14	6-10-2

Scale = 1:67.1



6-10-2	13-0-0	18-7-8	24-3-0	30-4-14	37-3-0
6-10-2	6-1-14	5-7-8	5-7-8	6-1-14	6-10-2

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [4:0-6-0,0-2-8], [6:0-6-0,0-2-8], [8:0-2-15,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.48	Vert(LL)	-0.20	11-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.34	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.13	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 201 lb	FT = 20%

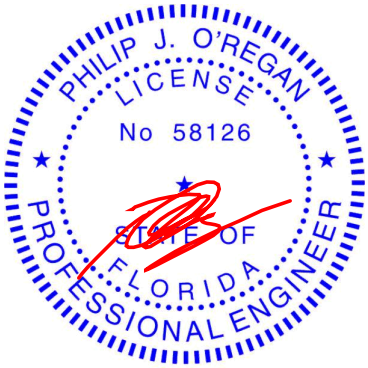
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-2 oc bracing.

REACTIONS. (size) 8=Mechanical, 2=0-8-0
Max Horz 2=126(LC 16)
Max Uplift 8=-294(LC 13), 2=-339(LC 12)
Max Grav 8=1503(LC 2), 2=1596(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2831/534, 3-4=-2271/467, 4-5=-2182/492, 5-6=-2182/492, 6-7=-2275/471, 7-8=-2852/550
BOT CHORD 2-15=-504/2482, 13-15=-504/2484, 12-13=-311/1980, 11-12=-262/1983, 9-11=-423/2503, 8-9=-423/2503
WEBS 3-15=0/268, 3-13=-595/222, 4-13=-71/521, 4-12=-132/417, 5-12=-342/168, 6-12=-130/412, 6-11=-76/529, 7-11=-613/236, 7-9=0/271

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) -2-0-0 to 1-8-11, Interior(1) 1-8-11 to 13-0-0, Exterior(2R) 13-0-0 to 18-3-3, Interior(1) 18-3-3 to 24-3-0, Exterior(2R) 24-3-0 to 29-6-3, Interior(1) 29-6-3 to 37-3-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) 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) except (jt=lb) 8=294, 2=339.



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Date:
June 8,2021

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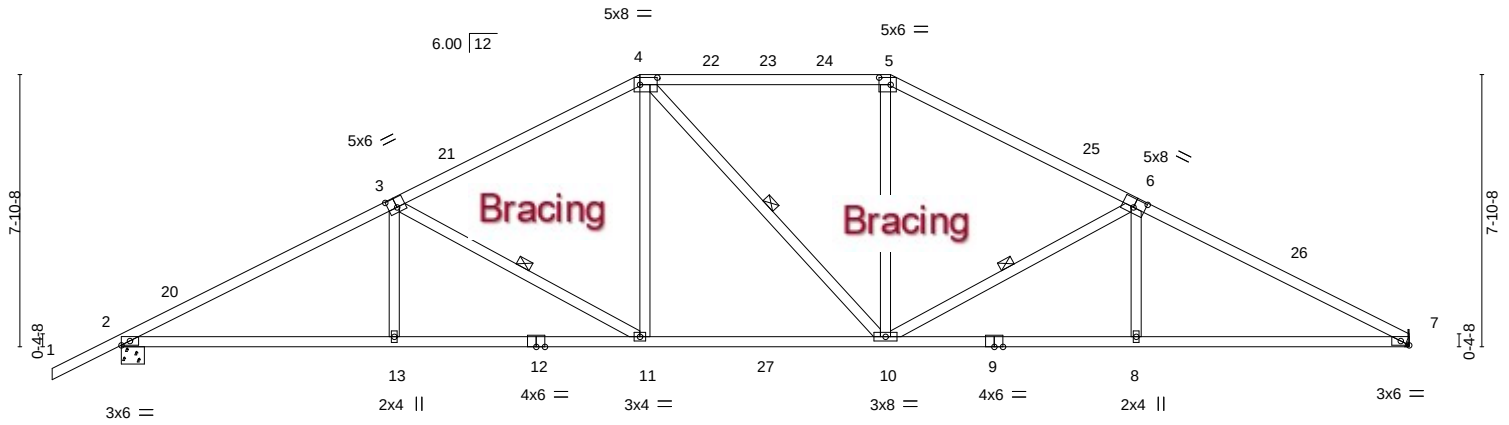
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T15	Hip	1	1	T24252367
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:43 2021 Page 1
ID:EVIlv?qNlFuDZut96y7Df8zU8_V-1enJ_dtofxNaU?8lLLJqBiP6lwR5s90D9BSoO9z8ePo

-2-0-0	7-10-12	15-0-0	22-3-0	29-4-4	37-3-0
2-0-0	7-10-12	7-1-4	7-3-0	7-1-4	7-10-12

Scale = 1:66.6



7-10-12	15-0-0	22-3-0	29-4-4	37-3-0
7-10-12	7-1-4	7-3-0	7-1-4	7-10-12

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [4:0-6-0,0-2-8], [5:0-4-0,0-2-8], [6:0-4-0,0-3-0], [7:0-2-15,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.87	Vert(LL)	-0.22	10-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.38	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.27	Horz(CT)	0.13	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 191 lb	FT = 20%

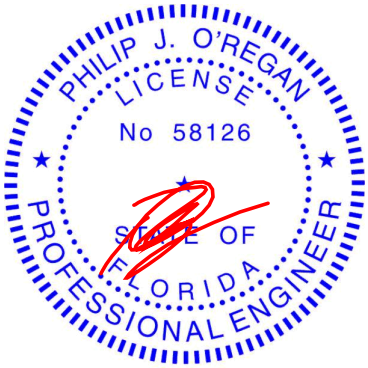
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 3-11, 4-10, 6-10

REACTIONS. (size) 2=0-8-0, 7=Mechanical
Max Horz 2=141(LC 12)
Max Uplift 2=-336(LC 12), 7=-292(LC 13)
Max Grav 2=1590(LC 2), 7=1492(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2766/517, 3-4=-2108/453, 4-5=-1817/441, 5-6=-2099/455, 6-7=-2759/531
BOT CHORD 2-13=-494/2417, 11-13=-494/2416, 10-11=-265/1826, 8-10=-398/2425, 7-8=-397/2426
WEBS 3-13=0/315, 3-11=-697/264, 4-11=-84/625, 5-10=-72/610, 6-10=-715/276, 6-8=0/317

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) -2-0-0 to 1-8-11, Interior(1) 1-8-11 to 15-0-0, Exterior(2R) 15-0-0 to 20-3-3, Interior(1) 20-3-3 to 22-3-0, Exterior(2R) 22-3-0 to 27-6-3, Interior(1) 27-6-3 to 37-3-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) 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) except (jt=lb) 2=336, 7=292.



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Date:
June 8,2021

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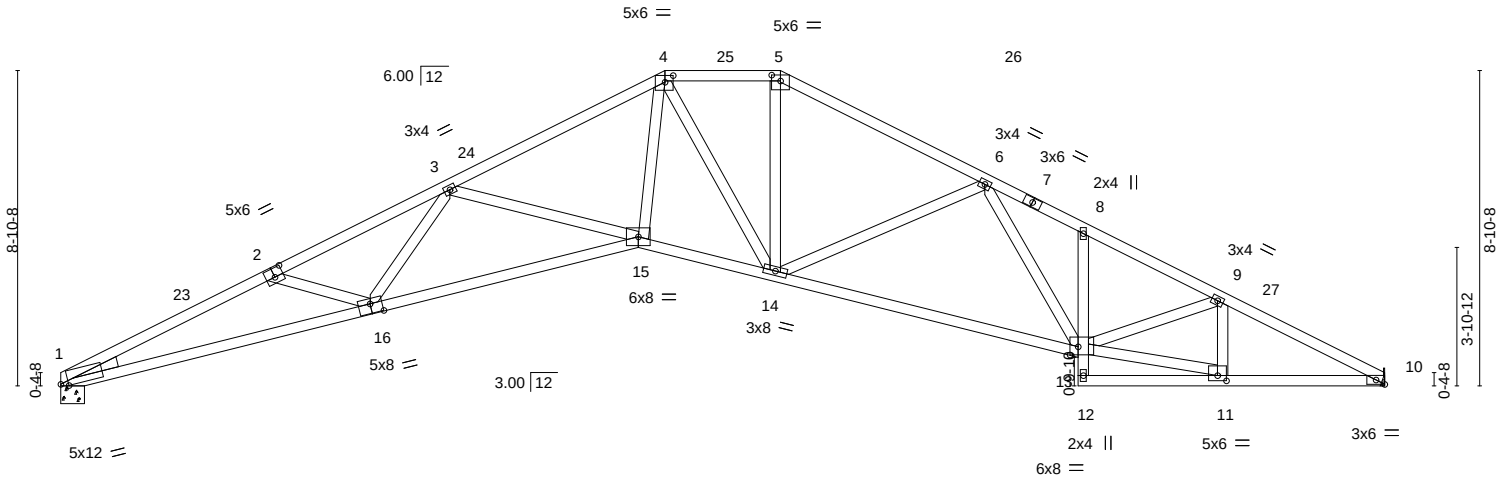
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T16	Hip	1	1	T24252368
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:44 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-VqLiBzuQQEVR69jxv3q3jvxI4Kn_bTlNOrCLwbz8ePn

6-0-4	10-11-6	17-0-0	20-3-0	26-0-0	28-7-8	32-8-5	37-3-0
6-0-4	4-11-2	6-0-10	3-3-0	5-9-0	2-7-8	4-0-13	4-6-11

Scale = 1:64.8



8-8-8	16-3-0	20-3-0	28-7-8	32-8-5	37-3-0
8-8-8	7-6-8	4-0-0	8-4-8	4-0-13	4-6-11

Plate Offsets (X,Y)-- [1:0-2-9,0-1-1], [2:0-3-0,0-3-0], [4:0-2-12,0-2-4], [5:0-3-0,0-2-0], [10:0-2-15,Edge], [11:0-3-0,0-1-12], [13:0-2-12,0-2-12], [16:0-4-0,0-3-4]

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	0.77	Vert(LL)	-0.42	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.82	15-16	>545	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.44	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 200 lb	FT = 20%

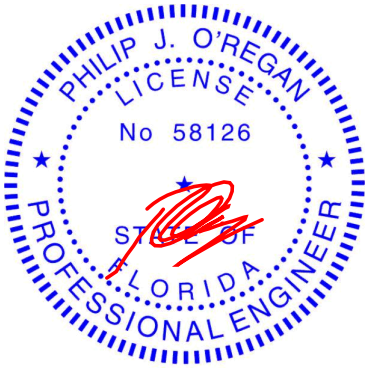
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-2: 2x4 SP M 31
BOT CHORD 2x4 SP No.2 *Except*
15-16,1-16: 2x4 SP M 31, 8-12: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 10=Mechanical, 1=0-8-0
Max Horz 1=-127(LC 13)
Max Uplift 10=-288(LC 13), 1=-288(LC 12)
Max Grav 10=1378(LC 1), 1=1378(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4529/1018, 2-3=-4259/912, 3-4=-3363/648, 4-5=-2291/514, 5-6=-2612/535, 6-8=-2920/627, 8-9=-2930/588, 9-10=-2701/557
BOT CHORD 1-16=-997/4082, 15-16=-794/3745, 14-15=-408/2716, 13-14=-447/2683, 10-11=-451/2373
WEBS 3-16=-59/440, 3-15=-736/328, 4-15=-371/1891, 4-14=-749/220, 5-14=-165/903, 6-14=-404/260, 11-13=-416/2298, 9-11=-406/109

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 3-8-11, Interior(1) 3-8-11 to 17-0-0, Exterior(2E) 17-0-0 to 20-3-0, Exterior(2R) 20-3-0 to 25-6-3, Interior(1) 25-6-3 to 37-3-0 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) Refer to girder(s) for truss to truss connections.
8) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=288, 1=288.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

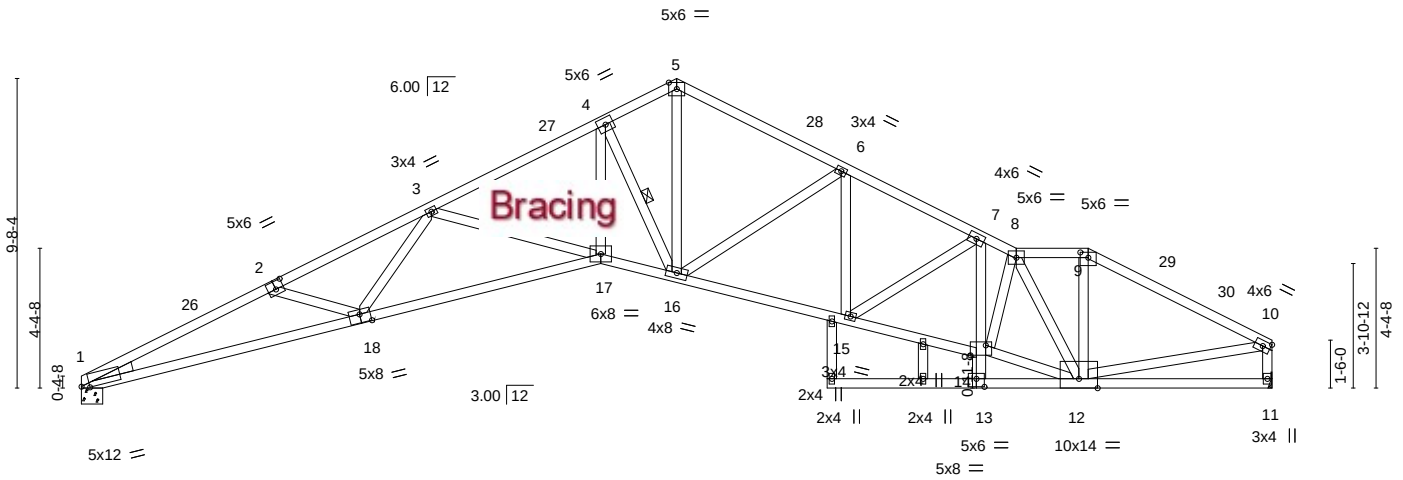
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T17	Roof Special	1	1	T24252369
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:46 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-SDSScfvhysl9LTsK0UtXoK1h88VH3Mdgr9hS_Uz8ePl

6-0-4	10-11-6	16-3-0	18-7-8	23-11-0	28-0-0	29-3-0	31-6-0	37-3-0
6-0-4	4-11-2	5-3-10	2-4-8	5-3-8	4-1-0	1-3-0	2-3-0	5-9-0

Scale = 1:72.1



8-8-8	16-3-0	18-7-8	23-4-0	23-11-0	28-0-0	31-6-0	37-3-0
8-8-8	7-6-8	2-4-8	4-8-8	0-7-0	4-1-0	3-6-0	5-9-0

Plate Offsets (X,Y)-- [1:0-3-1,0-1-0], [2:0-3-0,0-3-0], [9:0-3-0,0-2-0], [13:0-3-0,0-3-0], [14:0-5-12,0-3-12], [18:0-4-0,0-3-4]

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	0.61	Vert(LL)	-0.43	17-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.84	17-18	>532	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.45	11	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 232 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
1-2: 2x4 SP M 31
BOT CHORD 2x4 SP No.2 *Except*
17-18,1-18: 2x4 SP M 31, 7-13,13-19: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-

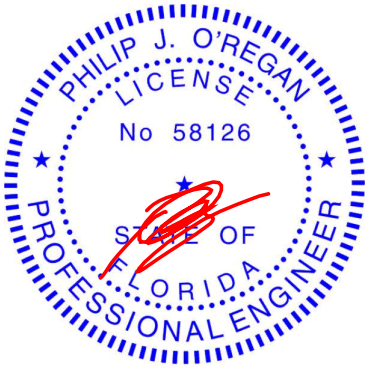
TOP CHORD Structural wood sheathing directly applied or 2-3-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-7-5 oc bracing. Except:
10-0-0 oc bracing: 13-14
WEBS 1 Row at midpt 4-16

REACTIONS. (size) 11=Mechanical, 1=0-8-0
Max Horz 1=162(LC 12)
Max Uplift 11=-285(LC 13), 1=-284(LC 12)
Max Grav 11=1373(LC 1), 1=1373(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4511/1037, 2-3=-4234/930, 3-4=-3359/690, 4-5=-2390/562, 5-6=-2434/553, 6-7=-2827/623, 7-8=-2809/634, 8-9=-1723/417, 9-10=-1925/423, 10-11=-1309/311
BOT CHORD 1-18=-1052/4066, 17-18=-839/3714, 16-17=-538/3033, 15-16=-442/2580, 14-15=-505/2644
WEBS 3-18=-68/438, 3-17=-697/300, 4-17=-396/1927, 4-16=-1880/480, 5-16=-417/1906, 6-16=-508/249, 12-14=-460/2402, 8-14=-62/364, 8-12=-1715/347, 9-12=-72/582, 10-12=-292/1573

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 3-8-11, Interior(1) 3-8-11 to 18-7-8, Exterior(2R) 18-7-8 to 22-4-3, Interior(1) 22-4-3 to 31-6-0, Exterior(2R) 31-6-0 to 35-2-11, Interior(1) 35-2-11 to 37-1-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) Refer to girder(s) for truss to truss connections.
8) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=285, 1=284.



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Date:
June 8,2021

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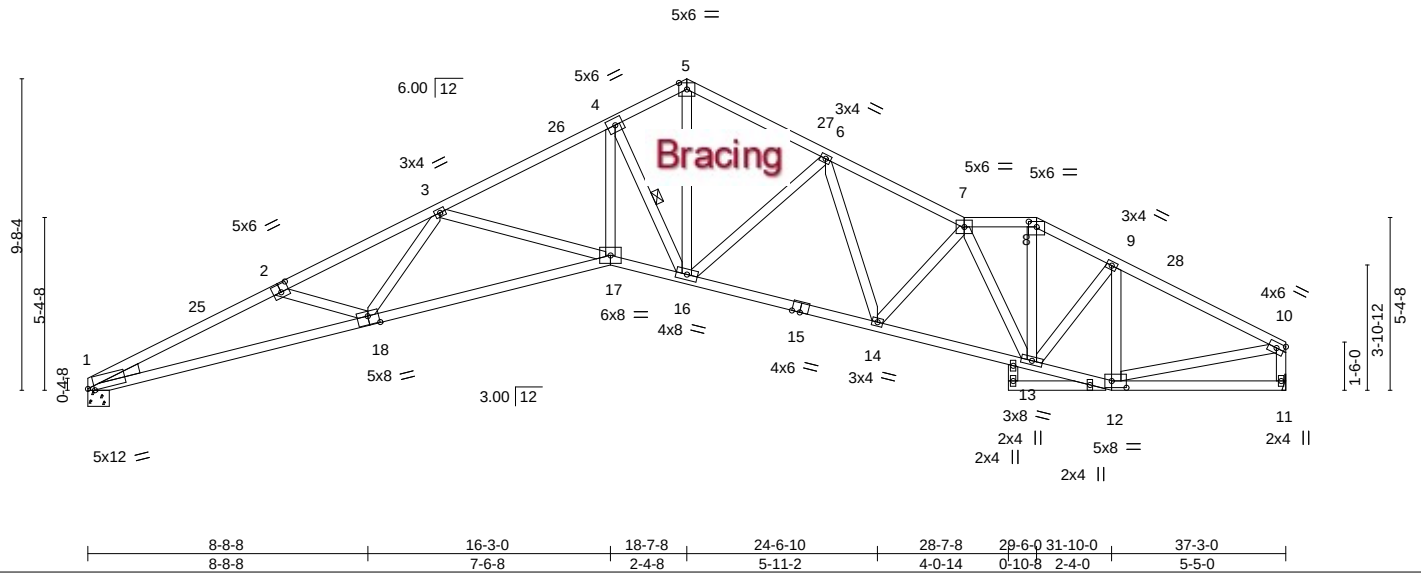
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T18	Roof Special	1	1	T24252370
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:48 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-ObaC1LxxUT?sam0j8uv?ul61HxBNXJsyITAZ3Mz8ePj

6-0-4	10-11-6	16-3-0	18-7-8	22-11-4	27-3-0	29-6-0	31-10-0	37-3-0
6-0-4	4-11-2	5-3-10	2-4-8	4-3-12	4-3-12	2-3-0	2-4-0	5-5-0

Scale = 1:71.6



8-8-8	16-3-0	18-7-8	24-6-10	28-7-8	29-6-0	31-10-0	37-3-0
8-8-8	7-6-8	2-4-8	5-11-2	4-0-14	0-10-8	2-4-0	5-5-0

Plate Offsets (X,Y)-- [1:0-2-7,0-1-2], [2:0-3-0,0-3-0], [8:0-3-0,0-2-0], [12:0-5-8,0-2-8], [18:0-4-0,0-3-4]

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	0.63	Vert(LL)	-0.43	17-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.83	17-18	>536	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.44	11	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 222 lb	FT = 20%

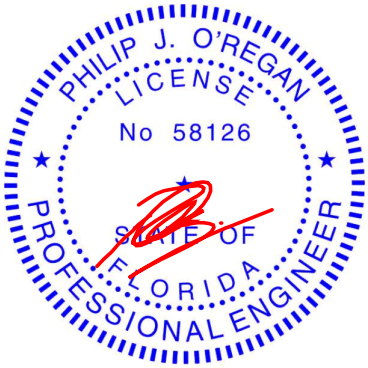
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-2: 2x4 SP M 31
BOT CHORD 2x4 SP No.2 *Except*
17-18,1-18: 2x4 SP M 31, 19-20: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-3-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-7-3 oc bracing.
WEBS 1 Row at midpt 4-16

REACTIONS. (size) 11=Mechanical, 1=0-8-0
Max Horz 1=162(LC 12)
Max Uplift 11=-285(LC 13), 1=-284(LC 12)
Max Grav 11=1373(LC 1), 1=1373(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4513/1040, 2-3=-4234/928, 3-4=-3359/696, 4-5=-2392/567, 5-6=-2421/561, 6-7=-2799/639, 7-8=-1894/468, 8-9=-2135/508, 9-10=-1876/416, 10-11=-1314/311
BOT CHORD 1-18=-1055/4069, 17-18=-839/3715, 16-17=-538/3032, 14-16=-428/2511, 13-14=-500/2613, 12-13=-334/1653
WEBS 3-18=-66/438, 3-17=-698/300, 4-17=-397/1921, 4-16=-1883/484, 5-16=-437/1941, 6-16=-470/242, 6-14=-95/268, 7-13=-1473/312, 8-13=-193/844, 9-13=-50/426, 9-12=-698/180, 10-12=-316/1568

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 3-8-11, Interior(1) 3-8-11 to 18-7-8, Exterior(2R) 18-7-8 to 22-4-3, Interior(1) 22-4-3 to 29-6-0, Exterior(2R) 29-6-0 to 33-2-11, Interior(1) 33-2-11 to 37-1-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) Refer to girder(s) for truss to truss connections.
8) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=285, 1=284.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

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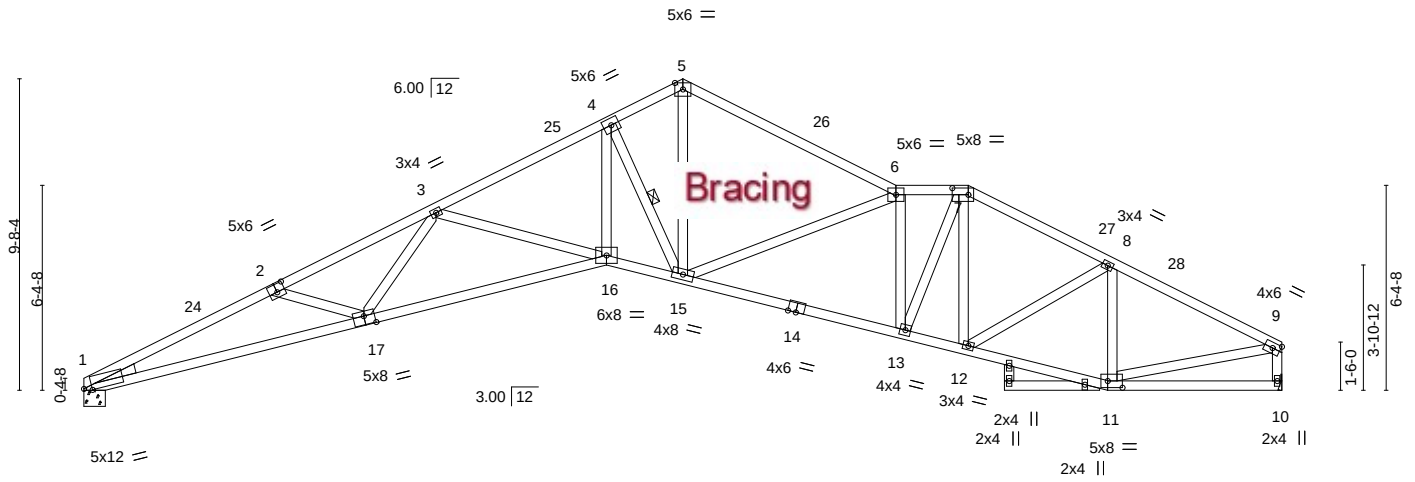
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T19	Roof Special	1	1	T24252371
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:49 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-sn8bEhxZEn7jCwbvhcQEQze6xLW2GmH6X7v6bpz8ePi

6-0-4	10-11-6	16-3-0	18-7-8	25-3-0	27-6-0	31-10-0	37-3-0
6-0-4	4-11-2	5-3-10	2-4-8	6-7-8	2-3-0	4-4-0	5-5-0

Scale = 1:71.6



8-8-8	16-3-0	18-7-8	25-3-0	27-6-0	28-7-8	31-10-0	37-3-0
8-8-8	7-6-8	2-4-8	6-7-8	2-3-0	1-1-8	3-2-8	5-5-0

Plate Offsets (X,Y)-- [1:0-3-1,0-1-2], [2:0-3-0,0-3-0], [7:0-6-0,0-2-8], [11:0-5-8,0-2-8], [17:0-4-0,0-3-4]

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	0.95	Vert(LL)	-0.42	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.77	Vert(CT)	-0.82	16-17	>541	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.44	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 218 lb	FT = 20%

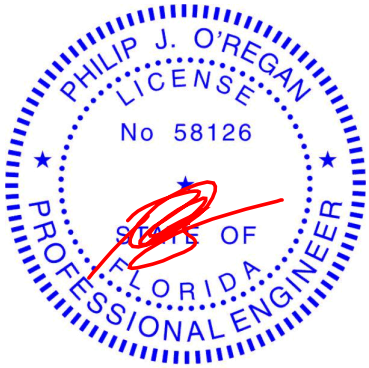
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-2: 2x4 SP M 31
BOT CHORD 2x4 SP No.2 *Except*
16-17,1-17: 2x4 SP M 31, 18-19: 2x4 SP No.3
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-7-3 oc bracing.
WEBS 1 Row at midpt 4-15

REACTIONS. (size) 10=Mechanical, 1=0-8-0
Max Horz 1=162(LC 12)
Max Uplift 10=-285(LC 13), 1=-284(LC 12)
Max Grav 10=1373(LC 1), 1=1373(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4513/1040, 2-3=-4235/928, 3-4=-3357/701, 4-5=-2393/569, 5-6=-2456/554, 6-7=-2488/595, 7-8=-2276/528, 8-9=-1884/416, 9-10=-1315/308
BOT CHORD 1-17=-1055/4069, 16-17=-839/3716, 15-16=-538/3026, 13-15=-479/2621, 12-13=-359/2036, 11-12=-339/1668
WEBS 3-17=-65/439, 3-16=-699/301, 4-16=-400/1913, 4-15=-1843/476, 5-15=-391/1840, 6-15=-508/259, 6-13=-1154/284, 7-13=-241/1217, 8-12=-53/427, 8-11=-683/190, 9-11=-325/1586

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 3-8-11, Interior(1) 3-8-11 to 18-7-8, Exterior(2R) 18-7-8 to 22-4-3, Interior(1) 22-4-3 to 27-6-0, Exterior(2R) 27-6-0 to 31-2-11, Interior(1) 31-2-11 to 37-1-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) Refer to girder(s) for truss to truss connections.
8) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=285, 1=284.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

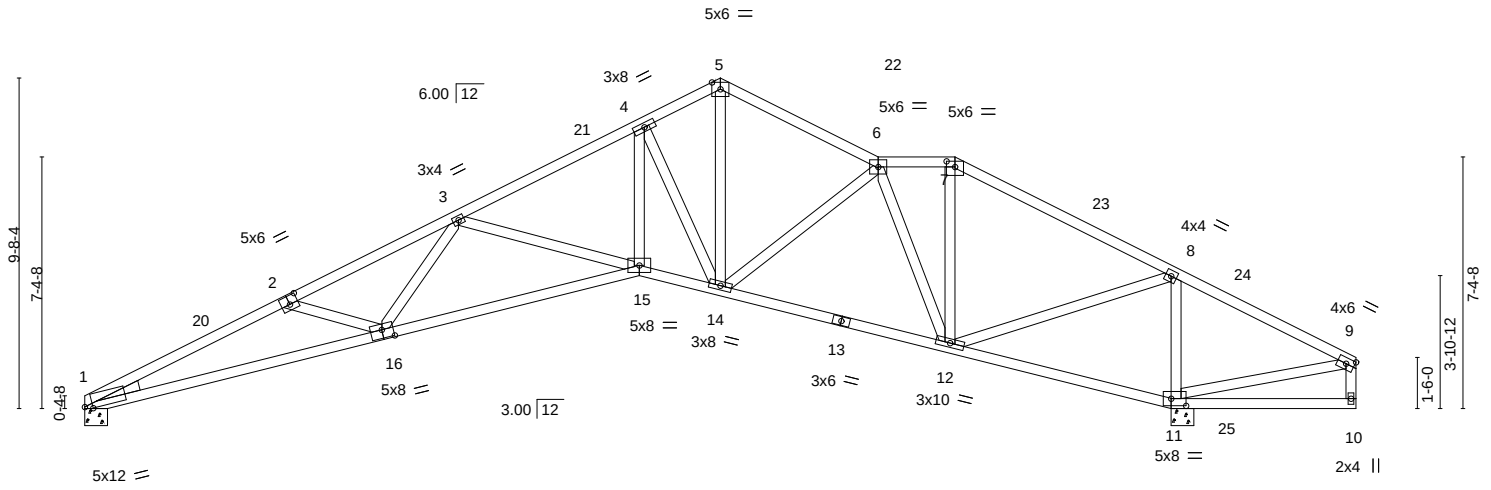
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T20	Roof Special	1	1	T24252372
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:51 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-oAGLfNzpmONRSElHp1SiVOkUy9BrkdoP?RODghz8ePg

6-0-4	10-11-6	16-3-0	18-7-8	23-3-0	25-6-0	31-10-0	37-3-0
6-0-4	4-11-2	5-3-10	2-4-8	4-7-8	2-3-0	6-4-0	5-5-0

Scale = 1:67.5



8-8-8	16-3-0	18-7-8	25-6-0	31-10-0	37-3-0
8-8-8	7-6-8	2-4-8	6-10-8	6-4-0	5-5-0

Plate Offsets (X,Y)-- [1:0-2-13,0-1-1], [2:0-3-0,0-3-0], [7:0-3-0,0-2-0], [11:0-5-4,0-2-8], [16:0-4-0,0-3-0]

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	0.79	Vert(LL)	-0.32	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	-0.64	15-16	>599	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.33	11	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS							Weight: 210 lb	FT = 20%

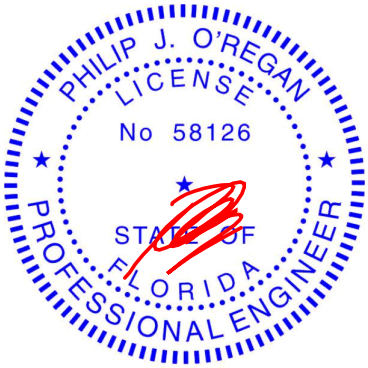
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
1-16: 2x4 SP M 31
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 1=0-8-0, 11=0-8-0
Max Horz 1=162(LC 12)
Max Uplift 1=-254(LC 12), 11=-332(LC 13)
Max Grav 1=1146(LC 1), 11=1600(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3653/926, 2-3=-3340/809, 3-4=-2400/547, 4-5=-1615/407, 5-6=-1638/401, 6-7=-991/241, 7-8=-1188/247, 8-9=-247/293
BOT CHORD 1-16=-952/3294, 15-16=-723/2857, 14-15=-420/2151, 12-14=-220/1403, 11-12=-267/278
WEBS 2-16=-259/198, 3-16=-74/480, 3-15=-710/303, 4-15=-343/1506, 4-14=-1517/435, 5-14=-309/1218, 6-12=-988/226, 7-12=-55/301, 8-12=-281/1294, 8-11=-1367/398, 9-11=-244/328

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 3-8-11, Interior(1) 3-8-11 to 18-7-8, Exterior(2R) 18-7-8 to 22-4-3, Interior(1) 22-4-3 to 25-6-0, Exterior(2R) 25-6-0 to 29-2-11, Interior(1) 29-2-11 to 37-1-4 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=254, 11=332.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

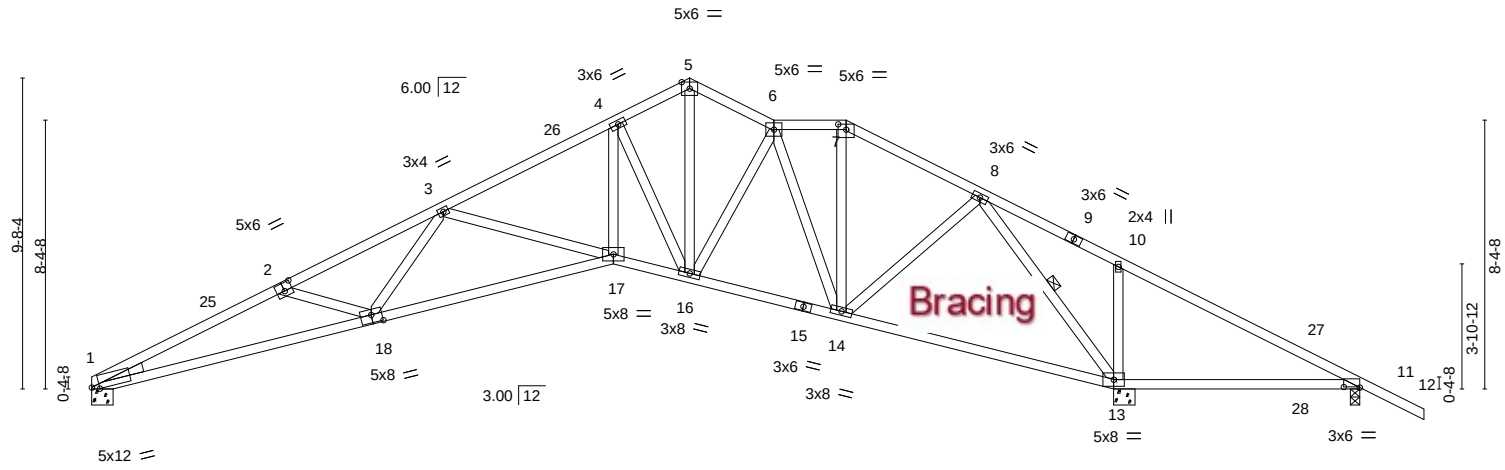
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T21	Roof Special	1	1	T24252373
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:52 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-GMqjti_RXiVI3OKUNk_x2bGdKZWHT6AYD58nC7z8ePf

6-0-4	10-11-6	16-3-0	18-7-8	21-3-0	23-6-0	27-8-0	31-10-0	39-6-0	41-6-0
6-0-4	4-11-2	5-3-10	2-4-8	2-7-8	2-3-0	4-2-0	4-2-0	7-8-0	2-0-0

Scale = 1:71.8



8-8-8	16-3-0	18-7-8	23-6-0	31-10-0	32-2-0	39-6-0
8-8-8	7-6-8	2-4-8	4-10-8	8-4-0	0-4-0	7-4-0

Plate Offsets (X,Y)-- [1:0-2-14,0-1-2], [2:0-3-0,0-3-0], [7:0-3-0,0-2-0], [11:0-6-0,0-0-4], [18:0-4-0,0-3-0]

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	0.95	Vert(LL)	0.24	13-21	>382	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.52	17-18	>730	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.27	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 221 lb	FT = 20%

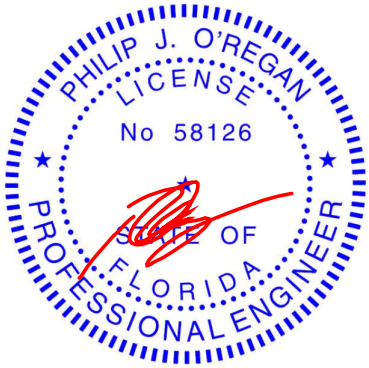
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 8-13

REACTIONS. (size) 13=0-8-0, 11=0-3-8, 1=0-8-0
Max Horz 1=-168(LC 13)
Max Uplift 13=-432(LC 12), 11=-547(LC 23), 1=-212(LC 12)
Max Grav 13=2495(LC 1), 11=151(LC 12), 1=975(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2996/730, 2-3=-2666/607, 3-4=-1679/347, 4-5=-1023/306, 5-6=-1004/303, 6-7=-456/222, 7-8=-559/211, 8-10=-332/1779, 10-11=-402/1838
BOT CHORD 1-18=-735/2696, 17-18=-490/2210, 16-17=-180/1493, 14-16=-8/767, 13-14=-427/195, 11-13=-1553/400
WEBS 2-18=-282/205, 3-18=-87/507, 3-17=-727/308, 4-17=-222/1212, 4-16=-1276/333, 5-16=-220/751, 6-16=-74/379, 6-14=-847/202, 8-14=-145/993, 8-13=-2244/388, 10-13=-394/219

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 3-11-6, Interior(1) 3-11-6 to 18-7-8, Exterior(2E) 18-7-8 to 21-3-0, Interior(1) 21-3-0 to 23-6-0, Exterior(2R) 23-6-0 to 27-8-0, Interior(1) 27-8-0 to 41-6-0 zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=432, 11=547, 1=212.



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Date:
June 8,2021

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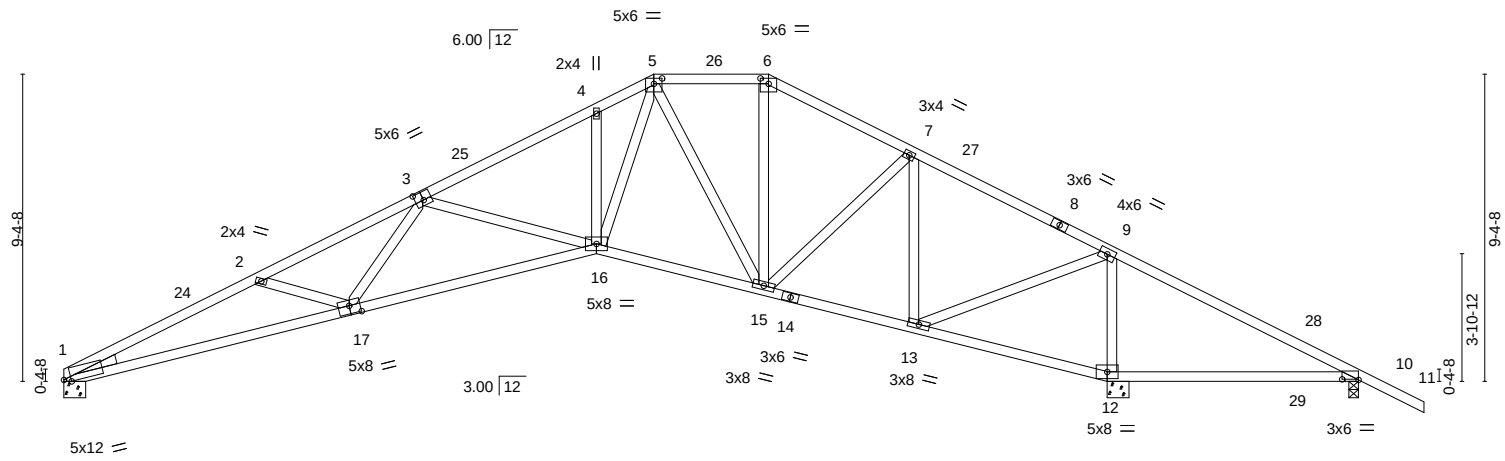
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T22	Hip	1	1	T24252374
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:54 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-DlxUIO?i3Jl0JhUsU90P70MzoMBXx?3rhPdtH0z8ePd

6-0-4	10-11-6	16-3-0	18-0-0	21-6-0	25-11-4	31-10-0	39-6-0	41-6-0
6-0-4	4-11-2	5-3-10	1-9-0	3-6-0	4-5-4	5-10-12	7-8-0	2-0-0

Scale = 1:70.3



8-8-8	16-3-0	21-6-0	25-11-4	31-10-0	32-2-0	39-6-0
8-8-8	7-6-8	5-3-0	4-5-4	5-10-12	0-4-0	7-4-0

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

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	0.95	Vert(LL)	0.23	12-20	>397	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.51	16-17	>745	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.25	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 213 lb	FT = 20%

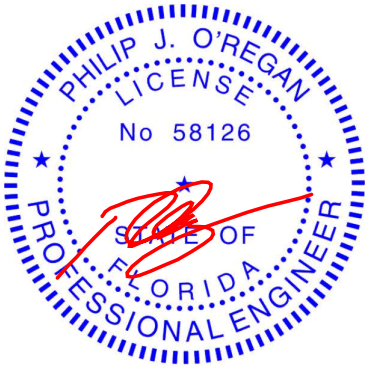
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 12=0-8-0, 10=0-3-8, 1=0-8-0
Max Horz 1=-164(LC 17)
Max Uplift 12=-441(LC 12), 10=-574(LC 23), 1=-220(LC 12)
Max Grav 12=2458(LC 1), 10=151(LC 12), 1=982(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3027/760, 2-3=-2693/631, 3-4=-1710/359, 4-5=-1679/432, 5-6=-644/257, 6-7=-778/258, 7-9=-390/191, 9-10=-398/1774
BOT CHORD 1-17=-759/2725, 16-17=-515/2246, 15-16=-84/1056, 13-15=-56/292, 12-13=-1633/428, 10-12=-1495/396
WEBS 2-17=-277/208, 3-17=-78/498, 3-16=-732/311, 5-16=-368/1419, 5-15=-815/217, 7-15=-132/712, 7-13=-991/221, 9-13=-311/1822, 9-12=-1898/369

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 3-11-6, Interior(1) 3-11-6 to 18-0-0, Exterior(2E) 18-0-0 to 21-6-0, Exterior(2R) 21-6-0 to 27-1-1, Interior(1) 27-1-1 to 41-6-0 zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=441, 10=574, 1=220.



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6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

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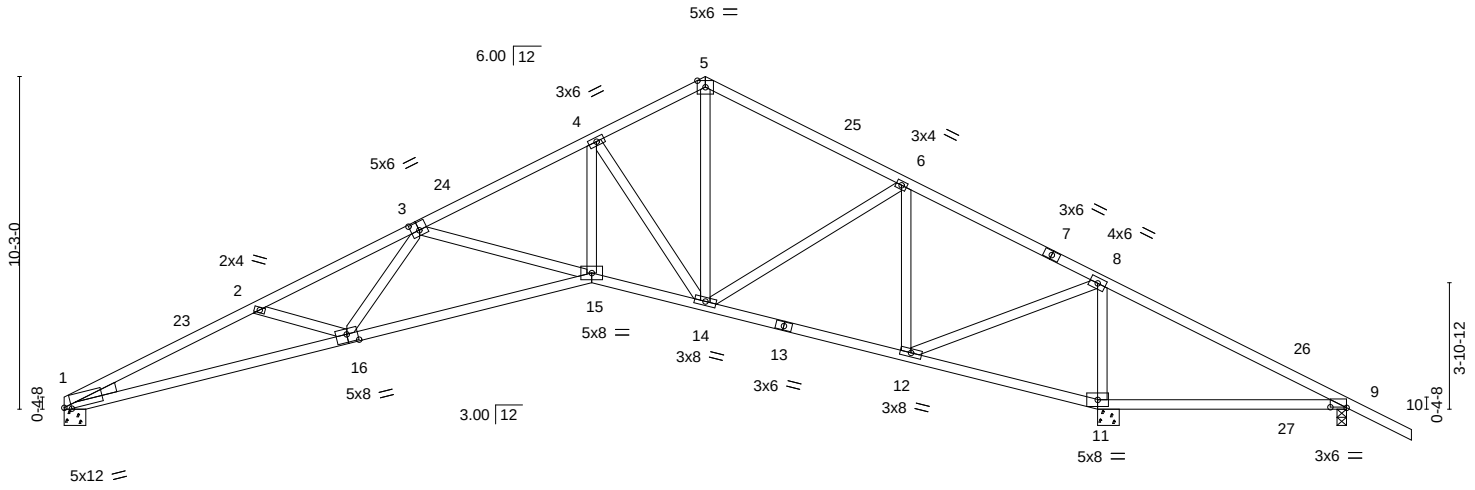
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T23	Roof Special	2	1	T24252375
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:55 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-hxVsVk0Kqdttwr232sXegEu8dmXtgQG_v3MRpSz8ePc

6-0-4	10-11-6	16-3-0	19-9-0	25-11-4	31-10-0	39-6-0	41-6-0
6-0-4	4-11-2	5-3-10	3-6-0	6-2-4	5-10-12	7-8-0	2-0-0

Scale = 1:71.0



8-8-8	16-3-0	19-9-0	25-11-4	31-10-0	32-2-0	39-6-0
8-8-8	7-6-8	3-6-0	6-2-4	5-10-12	0-4-0	7-4-0

Plate Offsets (X,Y)-- [1:0-2-10,0-1-0], [3:0-3-0,0-3-0], [9:0-6-0,0-0-4], [16:0-4-0,0-3-0]

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	0.94	Vert(LL)	0.23	11-19	>393	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.52	15-16	>729	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.25	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 207 lb	FT = 20%

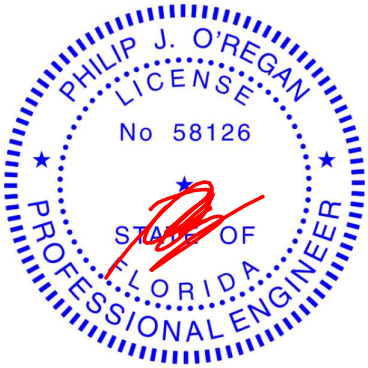
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 11=0-8-0, 9=0-3-8, 1=0-8-0
Max Horz 1=-176(LC 13)
Max Uplift 11=-450(LC 12), 9=-564(LC 23), 1=-215(LC 12)
Max Grav 11=2483(LC 1), 9=156(LC 12), 1=977(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3009/753, 2-3=-2675/624, 3-4=-1690/352, 4-5=-849/282, 5-6=-887/260, 6-8=-373/191, 8-9=-409/1822
BOT CHORD 1-16=-766/2709, 15-16=-523/2230, 14-15=-212/1501, 12-14=-93/285, 11-12=-1678/439, 9-11=-1539/406
WEBS 2-16=-282/208, 3-16=-77/500, 3-15=-732/310, 4-15=-238/1208, 4-14=-1297/360, 5-14=-123/474, 6-14=-142/707, 6-12=-993/234, 8-12=-323/1860, 8-11=-1915/373

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 3-11-6, Interior(1) 3-11-6 to 19-9-0, Exterior(2R) 19-9-0 to 23-8-6, Interior(1) 23-8-6 to 41-6-0 zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=450, 9=564, 1=215.



Philip J. O'Regan PE No.58126
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6904 Parke East Blvd. Tampa FL 33610
Date:
June 8,2021

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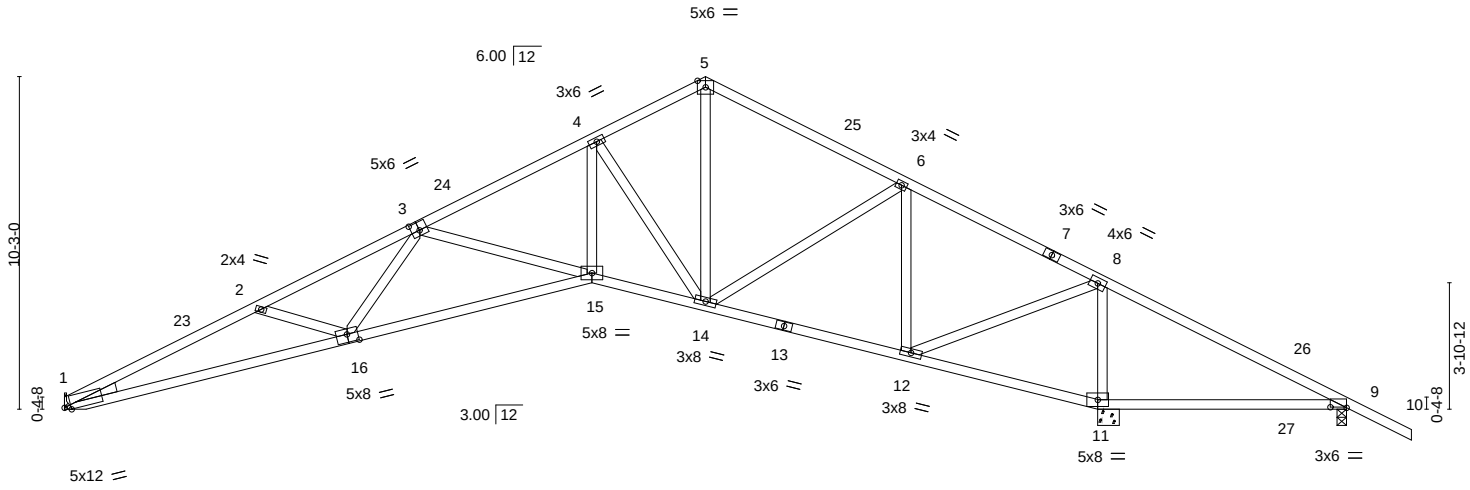
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T24	Roof Special	3	1	T24252376
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:57 2021 Page 1
ID:EVIlv?qNlFuDZut96y7Df8zU8_V-dKdcwQ2aME7bA9CR9HZ6lf_U7aDN8KlHNNrXtLz8ePa

6-0-11	10-11-6	16-3-0	19-9-0	25-11-4	31-10-0	39-6-0	41-6-0
6-0-11	4-10-12	5-3-10	3-6-0	6-2-4	5-10-13	7-8-0	2-0-0

Scale = 1:71.0



8-8-8	16-3-0	19-9-0	25-11-4	31-10-0	32-2-0	39-6-0
8-8-8	7-6-8	3-6-0	6-2-4	5-10-13	0-4-0	7-4-0

Plate Offsets (X,Y)-- [1:0-2-7,Edge], [3:0-3-0,0-3-0], [9:0-6-0,0-0-4], [16:0-4-0,0-3-0]

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	0.94	Vert(LL)	0.23	11-19	>393	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.52	15-16	>730	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.25	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 207 lb	FT = 20%

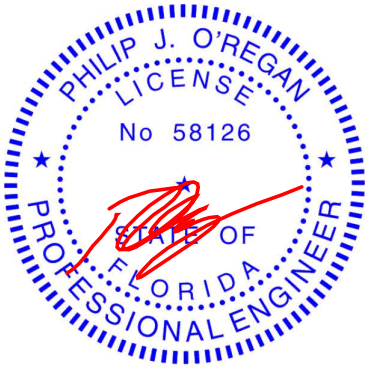
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (size) 11=0-8-0, 9=0-3-8, 1=Mechanical
Max Horz 1=-176(LC 13)
Max Uplift 11=-450(LC 12), 9=-564(LC 23), 1=-215(LC 12)
Max Grav 11=2483(LC 1), 9=155(LC 12), 1=977(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3007/752, 2-3=-2675/625, 3-4=-1690/353, 4-5=-849/282, 5-6=-887/260, 6-8=-373/191, 8-9=-408/1821
BOT CHORD 1-16=-765/2707, 15-16=-523/2230, 14-15=-213/1501, 12-14=-92/285, 11-12=-1677/438, 9-11=-1538/405
WEBS 2-16=-280/206, 3-16=-79/501, 3-15=-732/309, 4-15=-238/1208, 4-14=-1297/360, 5-14=-123/474, 6-14=-142/707, 6-12=-993/234, 8-12=-323/1860, 8-11=-1915/372

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 3-11-6, Interior(1) 3-11-6 to 19-9-0, Exterior(2R) 19-9-0 to 23-8-6, Interior(1) 23-8-6 to 41-6-0 zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=450, 9=564, 1=215.



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Date:
June 8,2021

MiTek
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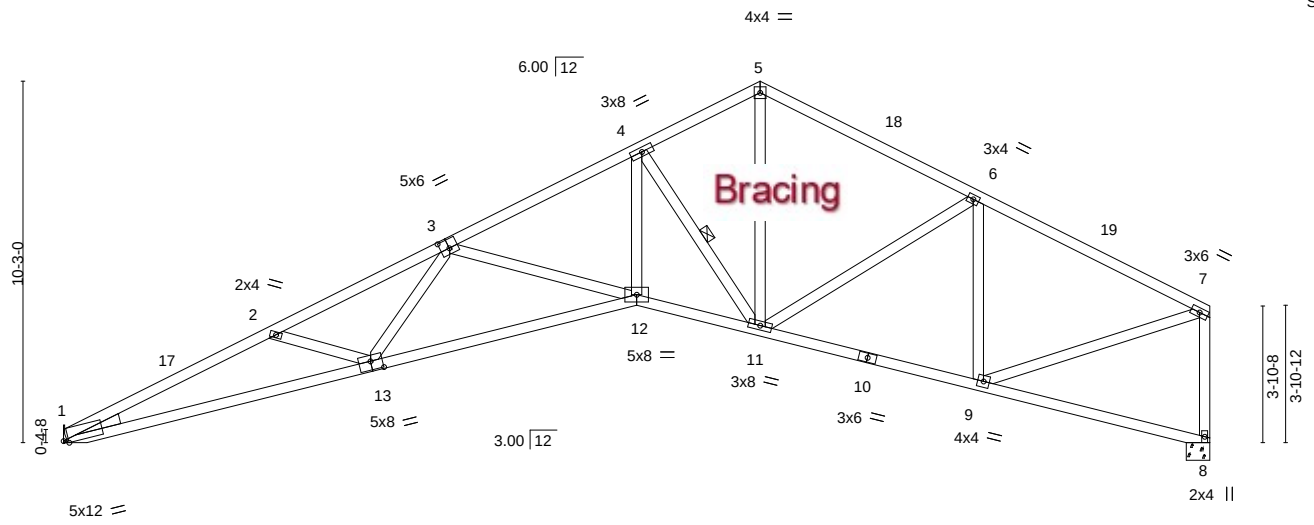
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T25	Scissor	1	1	T24252377
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:58 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-5WB_7m2C7YFSnJnej?4LIsWg6zZgtsGRc1b5Qnz8ePZ

6-0-4	10-11-6	16-3-0	19-9-0	25-11-4	32-6-0
6-0-4	4-11-2	5-3-10	3-6-0	6-2-4	6-6-12

Scale = 1:65.3



8-8-8	16-3-0	19-9-0	25-11-4	32-6-0
8-8-8	7-6-8	3-6-0	6-2-4	6-6-12

Plate Offsets (X,Y)-- [1:0-1-12,Edge], [3:0-3-0,0-3-0], [13:0-4-0,0-3-0]

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	0.86	Vert(LL)	-0.34	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.68	12-13	>574	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.36	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 182 lb	FT = 20%

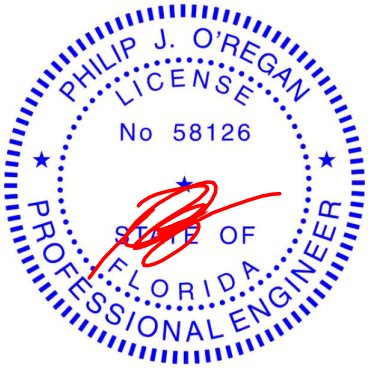
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
1-13: 2x4 SP M 31
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-0-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-11

REACTIONS. (size) 8=0-8-0, 1=Mechanical
Max Horz 1=217(LC 12)
Max Uplift 8=-218(LC 13), 1=-260(LC 12)
Max Grav 8=1197(LC 1), 1=1197(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3853/1004, 2-3=-3543/882, 3-4=-2622/630, 4-5=-1550/402, 5-6=-1594/401, 6-7=-1411/312, 7-8=-1145/269
BOT CHORD 1-13=-1080/3476, 12-13=-858/3063, 11-12=-555/2360, 9-11=-236/1254
WEBS 2-13=-253/197, 3-13=-62/463, 3-12=-709/301, 4-12=-400/1617, 4-11=-1664/506, 5-11=-284/1113, 6-11=-51/262, 6-9=-553/171, 7-9=-227/1241

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 3-3-0, Interior(1) 3-3-0 to 19-9-0, Exterior(2R) 19-9-0 to 23-0-0, Interior(1) 23-0-0 to 32-4-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=218, 1=260.



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June 8,2021

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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T26	Common	1	1	T24252378
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:52:59 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-ZjlNL63qurOIPTMqHicaq43wFN?ZcRFaqhKeyEz8ePY

-2-0-0 / 2-0-0 | 7-0-8 / 7-0-8 | 14-1-0 / 7-0-8 | 16-1-0 / 2-0-0

Scale = 1:29.0

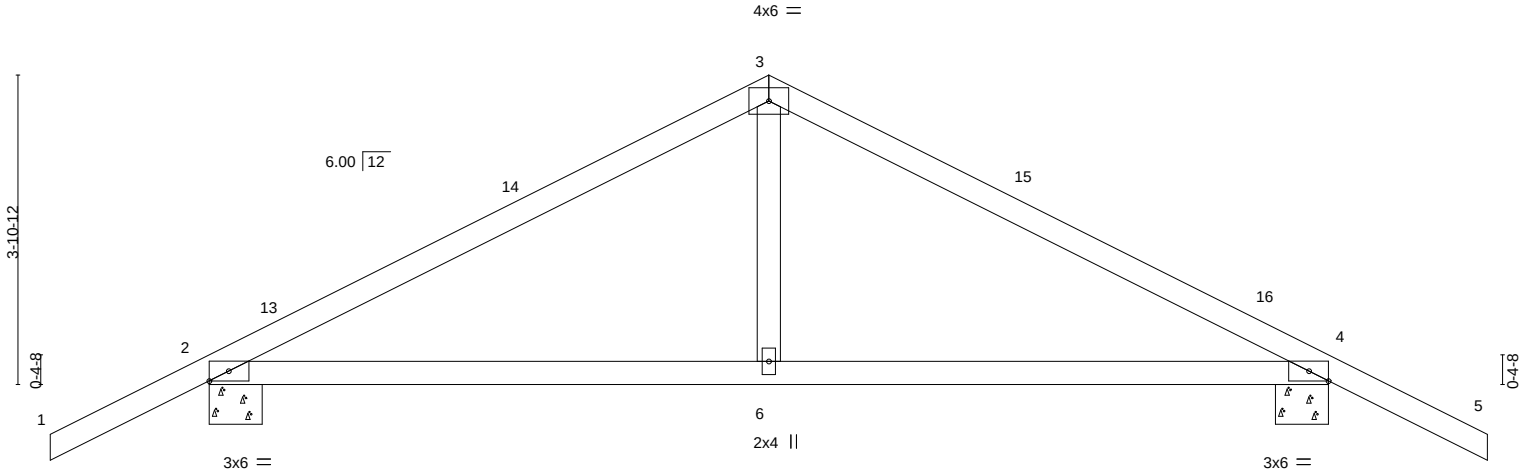


Plate Offsets (X,Y)-- [4:0-2-15,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.52	Vert(LL)	-0.06	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.12	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 56 lb	FT = 20%

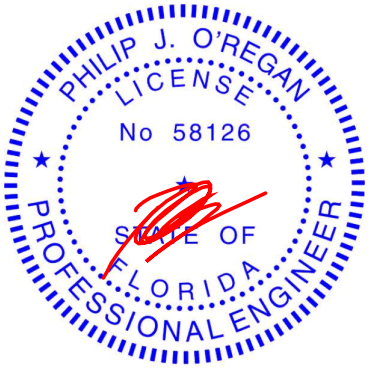
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

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

REACTIONS. (size) 2=0-8-0, 4=0-8-0
Max Horz 2=-67(LC 17)
Max Uplift 2=-153(LC 12), 4=-153(LC 13)
Max Grav 2=629(LC 1), 4=629(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-705/241, 3-4=-705/241
BOT CHORD 2-6=-82/561, 4-6=-82/561
WEBS 3-6=0/319

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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 7-0-8, Exterior(2R) 7-0-8 to 10-0-8, Interior(1) 10-0-8 to 16-1-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=153, 4=153.



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T26G	Common Supported Gable	1	1	T24252379 Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:53:00 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-1vIlYS4Tf9W91cx0rQ7pNHcAQnSkLvrj3L4CUgz8ePX

-2-0-0 2-0-0 | 7-0-8 7-0-8 | 14-1-0 7-0-8 | 16-1-0 2-0-0

Scale = 1:29.9

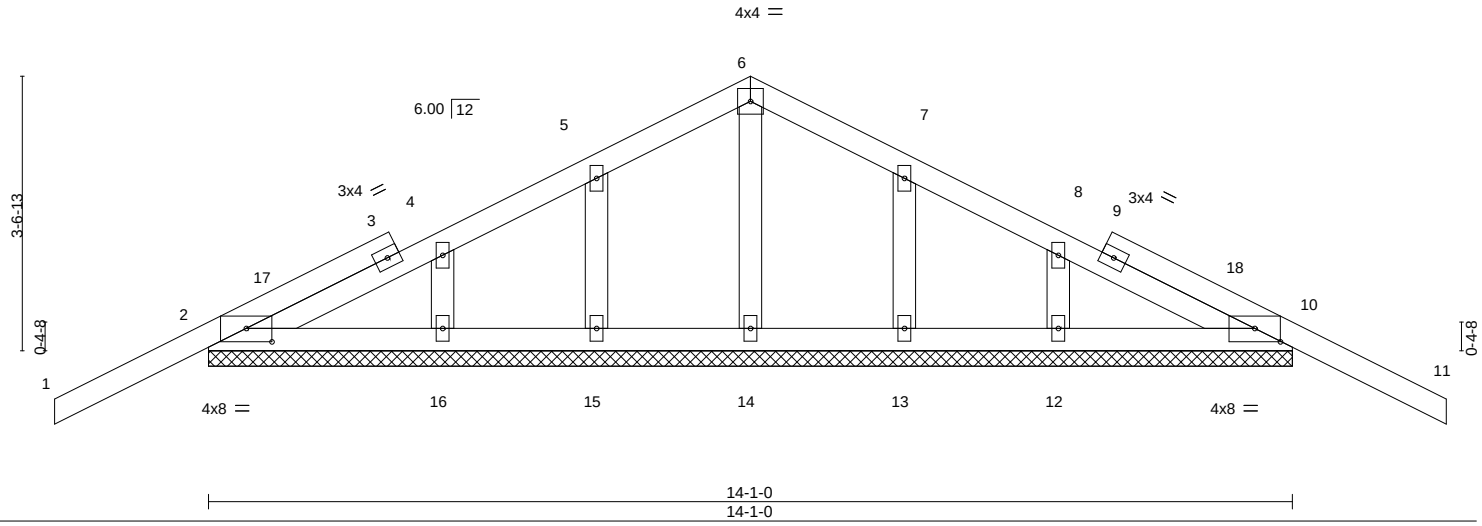


Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [10:0-4-0,0-2-1]

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	0.23	Vert(LL)	-0.02	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.03	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 71 lb	FT = 20%

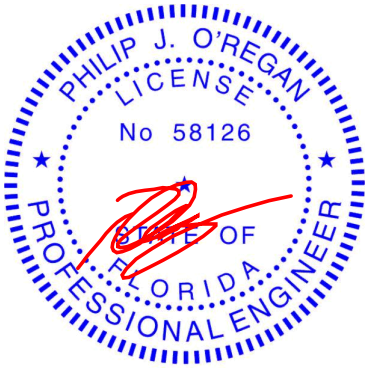
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 14-1-0.
(lb) - Max Horz 2=-62(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 15, 16, 13, 12
Max Grav All reactions 250 lb or less at joint(s) 14, 15, 16, 13, 12 except 2=250(LC 1), 10=250(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 Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 7-0-8, Corner(3R) 7-0-8 to 10-0-8, Exterior(2N) 10-0-8 to 16-1-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 15, 16, 13, 12.
11) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.



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June 8,2021

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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T27	Common Girder	1	2	T24252380
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:53:02 2021 Page 1
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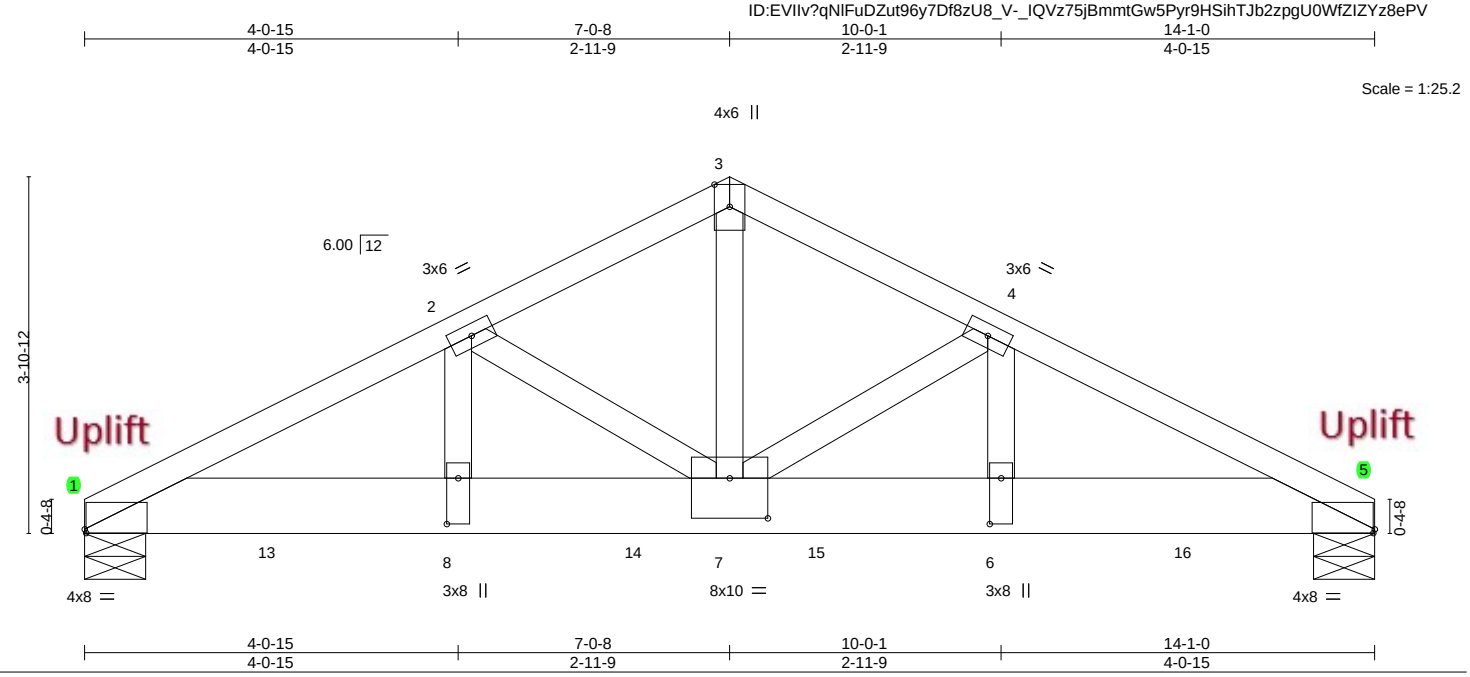


Plate Offsets (X,Y)-- [1:0-0-3,0-0-8], [5:0-0-3,0-0-8], [6:0-6-0,0-1-8], [7:0-5-0,0-5-4], [8:0-6-0,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.09	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.39	Vert(CT)	-0.16	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.60	Horz(CT)	0.04	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 171 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3 *Except*
3-7: 2x4 SP No.2

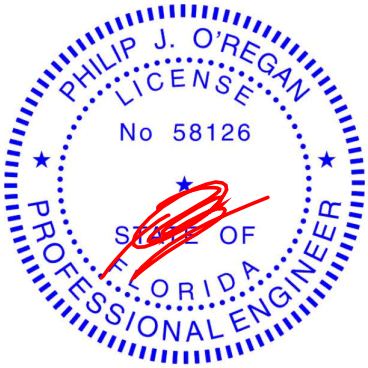
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-8-0, 5=0-8-0
Max Horz 1=52(LC 27)
Max Uplift 1=-994(LC 8), 5=-987(LC 9)
Max Grav 1=4578(LC 1), 5=4591(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-8439/1826, 2-3=-6217/1351, 3-4=-6217/1353, 4-5=-8439/1812
BOT CHORD 1-8=-1640/7530, 7-8=-1640/7530, 6-7=-1575/7530, 5-6=-1575/7530
WEBS 3-7=-1139/5325, 4-7=-2384/568, 4-6=-440/2152, 2-7=-2520/581, 2-8=-452/2309

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 0-7-0 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=994, 5=987.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1483 lb down and 314 lb up at 2-0-12, 1472 lb down and 312 lb up at 4-0-12, 1358 lb down and 308 lb up at 6-0-12, 1353 lb down and 305 lb up at 8-0-12, and 1353 lb down and 305 lb up at 10-0-12, and 1353 lb down and 305 lb up at 12-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard



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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: 1-3=-54, 3-5=-54, 1-5=-20
   Concentrated Loads (lb)
   Vert: 6=-1353(B) 8=-1355(B) 13=-1355(B) 14=-1358(B) 15=-1353(B) 16=-1353(B)

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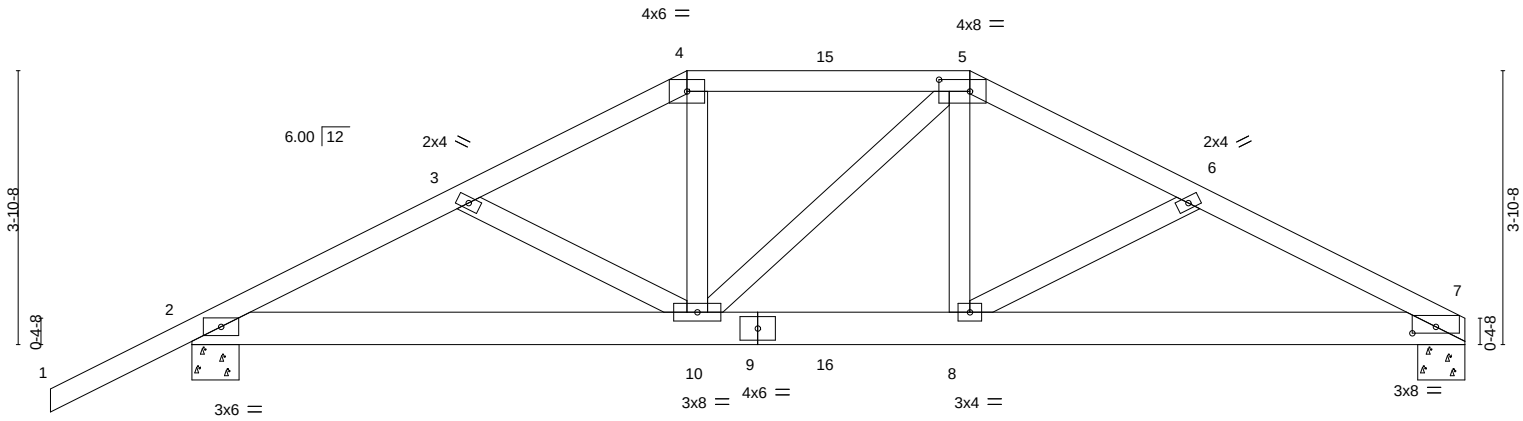
Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T28	Hip Girder	1	1	T24252381
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:53:03 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-SU_tBT6Lx4uku4gbWYgW_wEcG_MKYDUAIIIs5?z8ePU

-2-0-0	3-10-15	7-0-0	11-0-0	14-1-1	18-0-0
2-0-0	3-10-15	3-1-1	4-0-0	3-1-1	3-10-15

Scale = 1:32.6



7-0-0	11-0-0	18-0-0
7-0-0	4-0-0	7-0-0

Plate Offsets (X,Y)-- [5:0-5-4,0-2-0], [7:0-4-0,0-1-1]

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	0.52	Vert(LL)	0.08	8-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.12	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.23	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 102 lb	FT = 20%

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

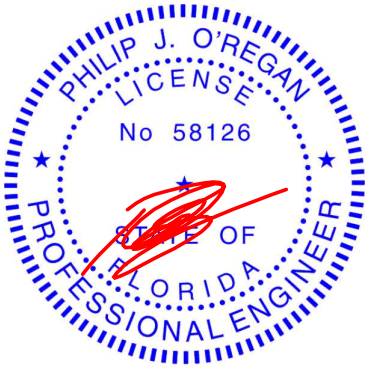
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-11-0 oc bracing.

REACTIONS. (size) 7=0-8-0, 2=0-8-0
Max Horz 2=82(LC 27)
Max Uplift 7=-486(LC 4), 2=-501(LC 8)
Max Grav 7=1179(LC 1), 2=1282(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2240/947, 3-4=-2074/927, 4-5=-1844/852, 5-6=-2124/948, 6-7=-2301/972
BOT CHORD 2-10=-858/1979, 8-10=-824/1887, 7-8=-842/2039
WEBS 4-10=-242/614, 5-8=-242/604

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; 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 100 lb uplift at joint(s) except (jt=lb) 7=486, 2=501.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 125 lb down and 88 lb up at 7-0-0, and 106 lb down and 81 lb up at 9-0-0, and 227 lb down and 175 lb up at 11-0-0 on top chord, and 294 lb down and 203 lb up at 7-0-0, and 85 lb down and 59 lb up at 9-0-0, and 294 lb down and 203 lb up at 10-11-4 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=-106(B) 5=-180(B) 10=-284(B) 8=-284(B) 15=-106(B) 16=-61(B)



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Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T29	Common	2	1	T24252382
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:53:06 2021 Page 1
ID:EVIIv?qNlFuDZut96y7Df8zU8_V-s3g0pV9DE?GJlXOABgEDcYs7nCKclZLcRGXWiKz8ePR

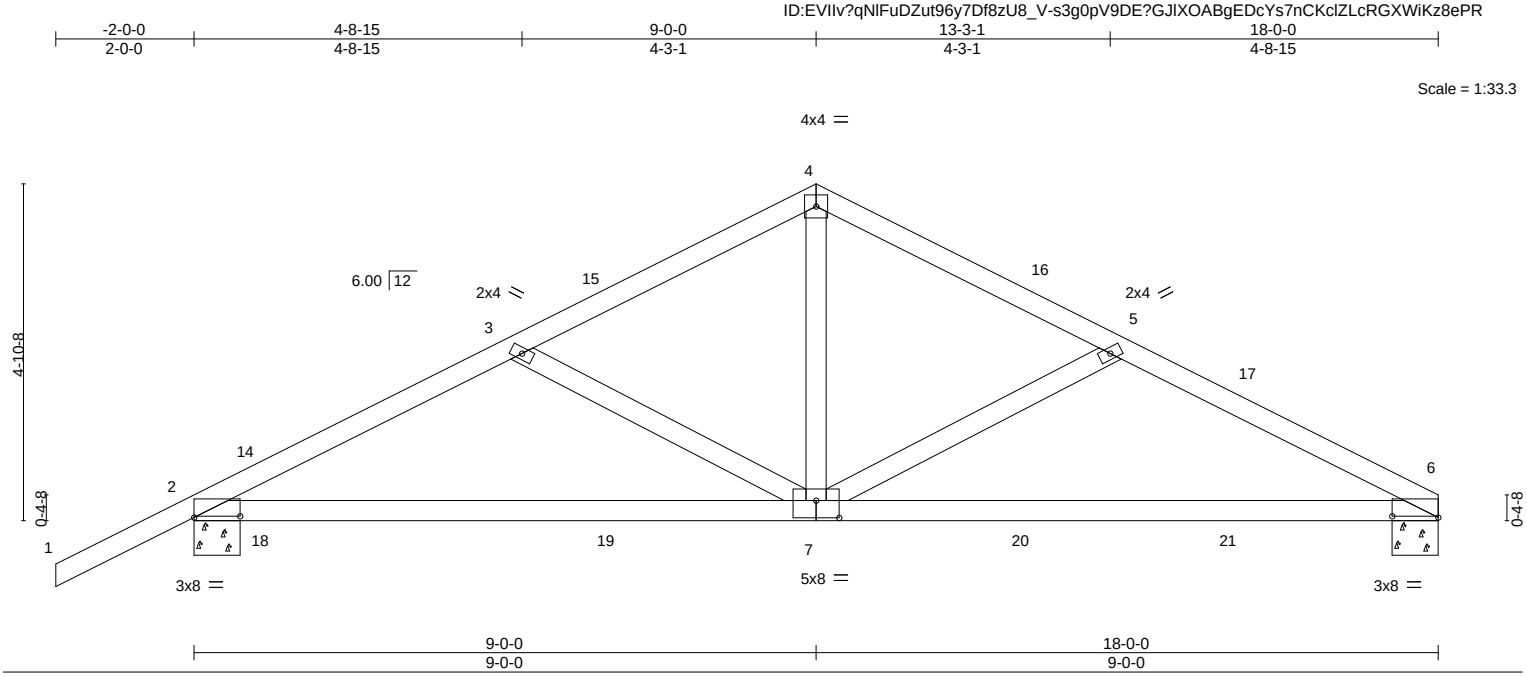


Plate Offsets (X,Y)-- [2:0-8-0,0-0-3], [6:0-8-0,0-0-4], [7:0-4-0,0-3-0]

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	0.50	Vert(LL)	0.24	7-10	>917	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.22	7-10	>963	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.29	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 81 lb	FT = 20%

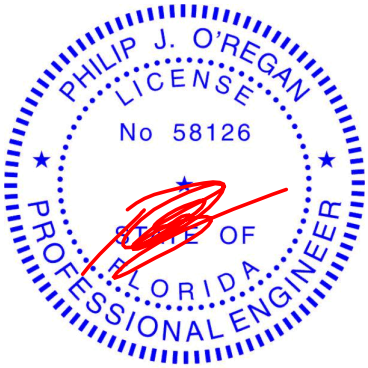
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-5-10 oc bracing.

REACTIONS. (size) 6=0-8-0, 2=0-8-0
Max Horz 2=96(LC 16)
Max Uplift 6=-175(LC 8), 2=-193(LC 9)
Max Grav 6=660(LC 1), 2=780(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1083/1052, 3-4=-826/915, 4-5=-828/924, 5-6=-1100/1062
BOT CHORD 2-7=-922/942, 6-7=-924/966
WEBS 4-7=-719/508, 5-7=-328/280, 3-7=-301/265

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) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 9-0-0, Exterior(2R) 9-0-0 to 12-0-0, Interior(1) 12-0-0 to 18-0-0 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
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=175, 2=193.



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June 8,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T30	Half Hip Girder	1	2	T24252383
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:53:07 2021 Page 1
ID:EVIlv?qNlFuDZut96y7Df8zU8_V-KFEO0r9s?JOAMhzMlOlS9mOHjcdqUwZlgwG3Emz8ePQ

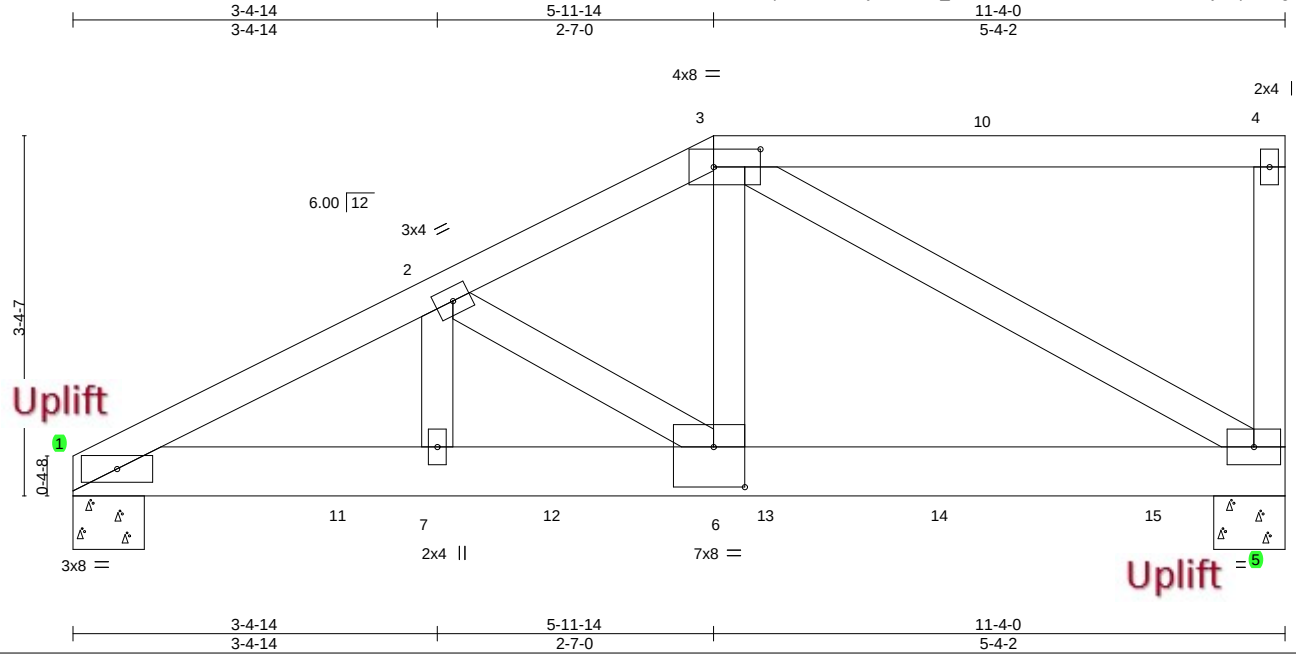


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [6:0-3-8,0-4-8]

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	0.55	Vert(LL)	-0.06	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.12	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.68	Horz(CT)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 133 lb	FT = 20%

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

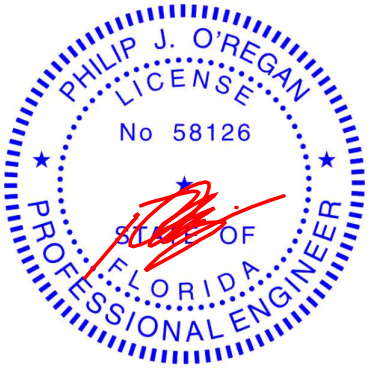
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-8-0, 5=0-8-0
Max Horz 1=104(LC 8)
Max Uplift 1=-627(LC 8), 5=-761(LC 5)
Max Grav 1=2754(LC 1), 5=3296(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-5301/1208, 2-3=-3884/893
BOT CHORD 1-7=-1147/4728, 6-7=-1147/4728, 5-6=-856/3627
WEBS 2-7=-271/1267, 2-6=-1496/388, 3-6=-784/3544, 3-5=-4048/955

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.
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) 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
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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=627, 5=761.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1174 lb down and 281 lb up at 2-6-12, 1177 lb down and 280 lb up at 4-6-12, 957 lb down and 235 lb up at 6-6-12, and 957 lb down and 235 lb up at 8-2-4, and 957 lb down and 235 lb up at 10-2-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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



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Continued on page 2

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Tampa, FL 36610

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-54, 3-4=-54, 1-5=-20

Concentrated Loads (lb)

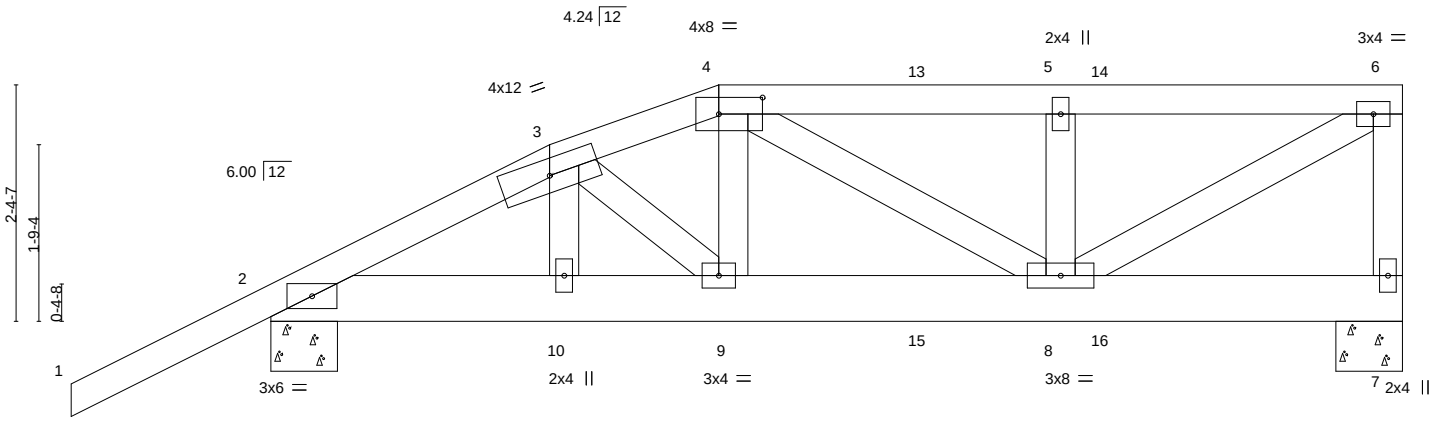
Vert: 11=-1174(B) 12=-1177(B) 13=-957(B) 14=-957(B) 15=-957(B)

Job	Truss	Truss Type	Qty	Ply	HOUSECRAFT - ALTMAN RES.
2809719	T31	Half Hip Girder	1	1	T24252384
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s May 12 2021 MiTek Industries, Inc. Mon Jun 7 14:53:09 2021 Page 1
ID:EVIlv?qNlFuDZut96y7Df8zU8_V-GeL8RWB6Xweuc?7lspnwEBThbPUkywf27ElAIez8ePO

-2-0-0 2-0-0 | 2-9-8 2-9-8 | 4-5-13 1-8-5 | 7-10-15 3-5-1 | 11-4-0 3-5-1

Scale = 1:23.1



2-9-8 2-9-8 | 4-5-13 1-8-5 | 7-10-15 3-5-1 | 11-4-0 3-5-1

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

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	0.27	Vert(LL)	-0.01	9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.02	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.25	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 69 lb	FT = 20%

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

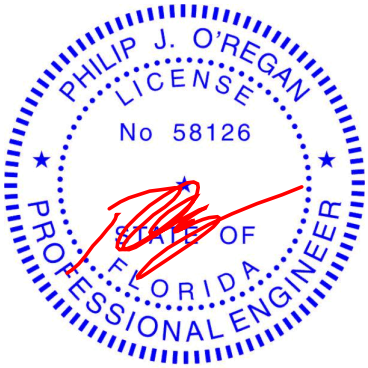
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=0-8-0, 2=0-8-0
Max Horz 2=99(LC 8)
Max Uplift 7=-125(LC 4), 2=-156(LC 8)
Max Grav 7=471(LC 1), 2=569(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-709/152, 3-4=-680/166, 4-5=-589/154, 5-6=-589/154, 6-7=-424/126
BOT CHORD 2-10=-169/610, 9-10=-166/608, 8-9=-166/640
WEBS 6-8=-173/665

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) 7=125, 2=156.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 32 lb down and 52 lb up at 6-6-9, and 32 lb down and 49 lb up at 8-4-9 on top chord, and 30 lb down and 9 lb up at 2-9-8, 62 lb down at 4-5-13, and 35 lb down at 6-6-9, and 35 lb down at 8-4-9 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, 2-7=-20
Concentrated Loads (lb)
Vert: 10=9(F) 9=-25(F) 13=-27(F) 14=-27(F) 15=-17(F) 16=-17(F)



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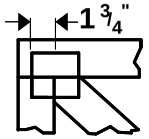
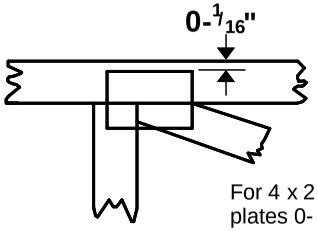
Symbols

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.

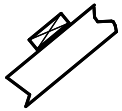
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

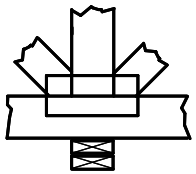
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

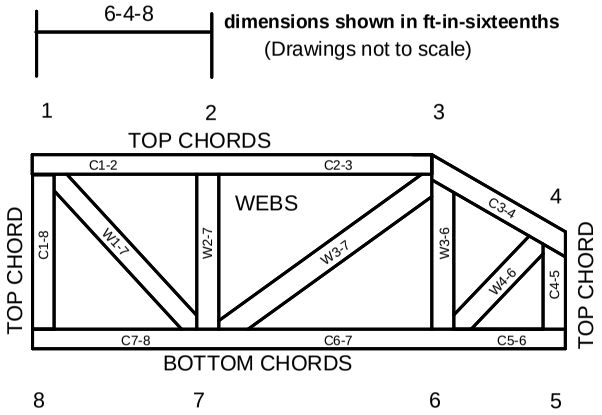


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.