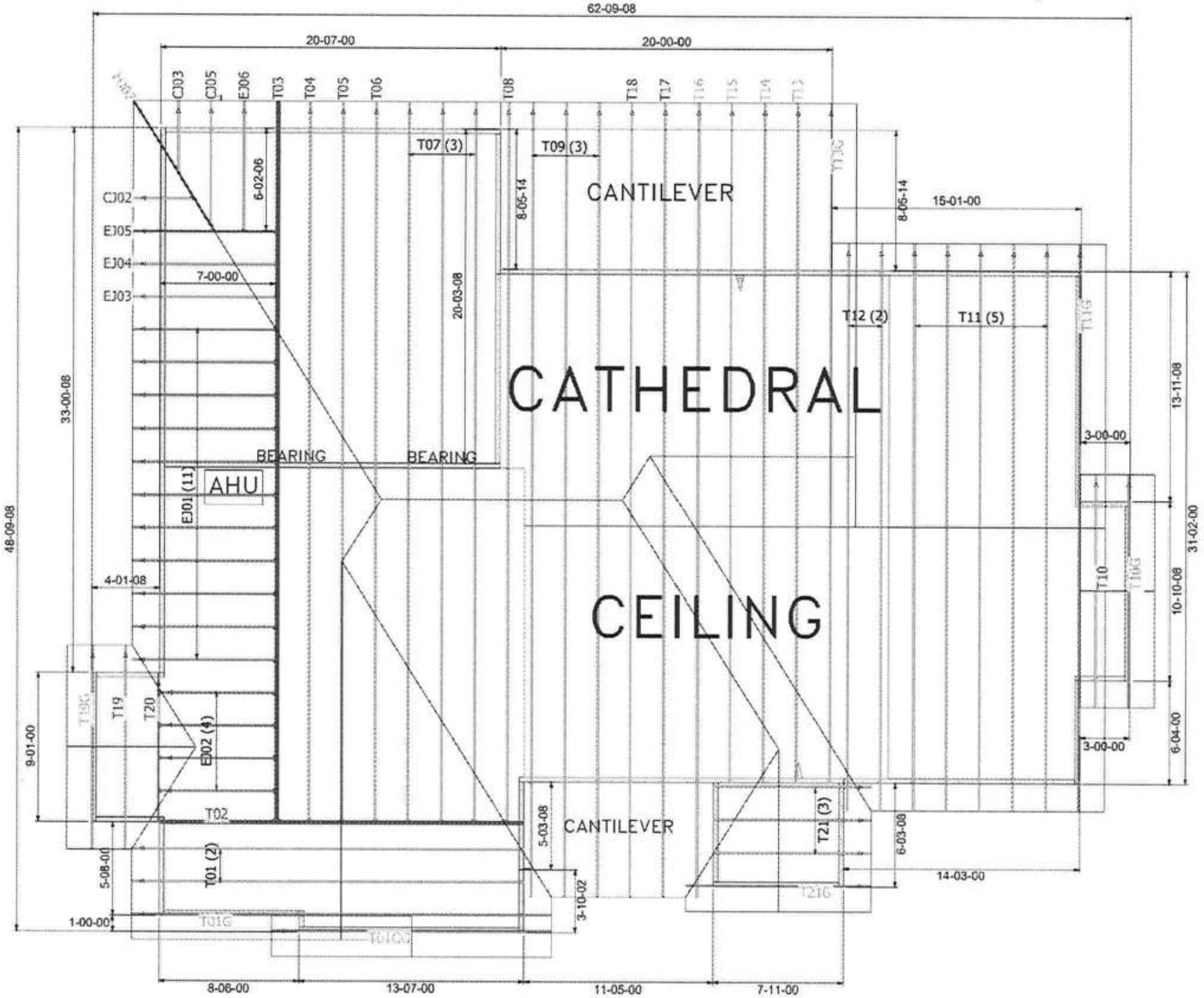
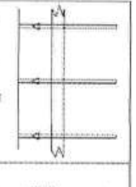
5/12 – 8/12 PITCH – 24" O/H



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

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



General Notes:

- Per ANSI/TPI 1-2002 all " Truss to Wall" connections are the responsibility of the Building Designer, not the Truss Manufacturer.
- Use Manufacturer's specifications for all hanger connections unless noted otherwise.
- Trusses are to be 24" o.c. U.N.O.
- All hangers are to be Simpson or equivalent U.N.O. - Use 10d x 1 1/2" Nails in hanger connections to single ply girder trusses.
- Trusses are not designed to support brick U.N.O.
- Dimensions are Feet-Inches-Sixteenths

Notes:

No back charges will be accepted by Builders FirstSource unless approved in writing first. 850-825-4341

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

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

It is the responsibility of the Contractor to ensure of the proper orientation of the truss placement plans as to the construction documents and field conditions of the structure orientation. If a reversed or flipped layout is required, it will be supplied at no extra cost by Builders FirstSource.

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

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

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

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

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

Builders FirstSource

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

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

Tallahassee
PHONE: 850-576-5177

Builder: WOODMAN PARK		
Legal Address: Soler Res.		
Model: Custom		
Date: 10-26-21	Drawn By: KLH	Original Ref #: 2975129
Floor 1 Job#: N/A	Floor 2 Job#: N/A	Roof Job #: 2975129

7

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

RE: 2975129 - WOODMAN PARK - SOLER RES.

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

Site Information:
Customer Info: Woodman Park Project Name: Soler Res. Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: TBD, TBD
City: Columbia Cty State: FL

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

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 38 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	T25771977	CJ02	10/27/21	23	T25771999	T10G	10/27/21
2	T25771978	CJ03	10/27/21	24	T25772000	T11	10/27/21
3	T25771979	CJ05	10/27/21	25	T25772001	T11G	10/27/21
4	T25771980	EJ01	10/27/21	26	T25772002	T12	10/27/21
5	T25771981	EJ02	10/27/21	27	T25772003	T13	10/27/21
6	T25771982	EJ03	10/27/21	28	T25772004	T13G	10/27/21
7	T25771983	EJ04	10/27/21	29	T25772005	T14	10/27/21
8	T25771984	EJ05	10/27/21	30	T25772006	T15	10/27/21
9	T25771985	EJ06	10/27/21	31	T25772007	T16	10/27/21
10	T25771986	HJ07	10/27/21	32	T25772008	T17	10/27/21
11	T25771987	T01	10/27/21	33	T25772009	T18	10/27/21
12	T25771988	T01G	10/27/21	34	T25772010	T19	10/27/21
13	T25771989	T01GG	10/27/21	35	T25772011	T19G	10/27/21
14	T25771990	T02	10/27/21	36	T25772012	T20	10/27/21
15	T25771991	T03	10/27/21	37	T25772013	T21	10/27/21
16	T25771992	T04	10/27/21	38	T25772014	T21G	10/27/21
17	T25771993	T05	10/27/21				
18	T25771994	T06	10/27/21				
19	T25771995	T07	10/27/21				
20	T25771996	T08	10/27/21				
21	T25771997	T09	10/27/21				
22	T25771998	T10	10/27/21				

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:
October 27,2021

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.

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	CJ02	Jack-Open	1	1	T25771977
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:56:29 2021 Page 1
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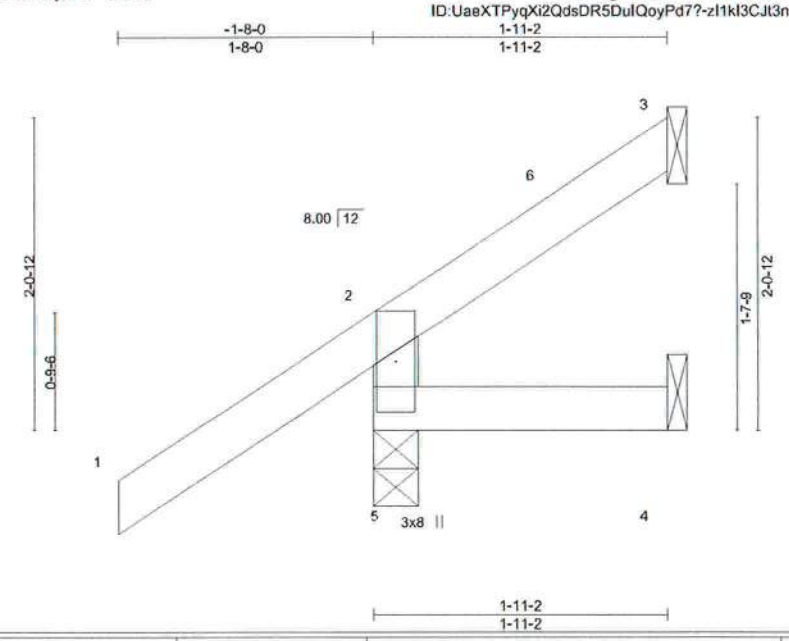

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	0.00	5	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	0.00	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 10 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 1-11-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-3-8, 3=Mechanical, 4=Mechanical
Max Horz 5=70(LC 12)
Max Uplift 5=-51(LC 12), 3=-24(LC 12)
Max Grav 5=213(LC 1), 3=20(LC 19), 4=29(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 1-10-15 zone; end vertical left 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 51 lb uplift at joint 5 and 24 lb uplift at joint 3.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	CJ03	Jack-Open	1	1	T25771978
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:56:30 2021 Page 1
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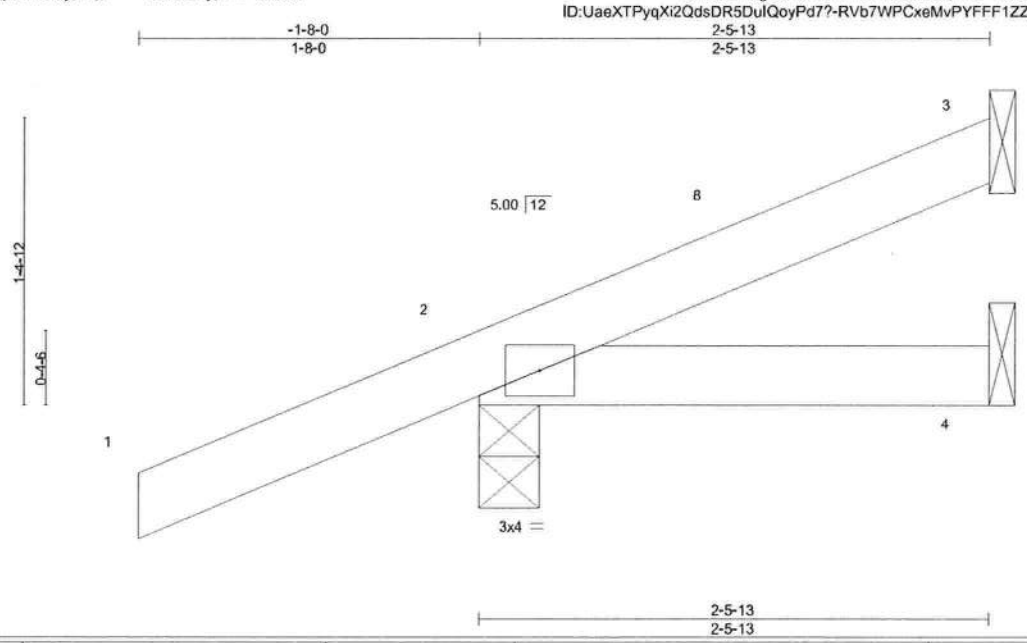

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	-0.00	7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 11 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 2-5-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=55(LC 12)
Max Uplift 3=-22(LC 12), 2=-72(LC 8)
Max Grav 3=41(LC 1), 2=211(LC 1), 4=38(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 2-5-1 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 22 lb uplift at joint 3 and 72 lb uplift at joint 2.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	CJ05	Jack-Open	1	1	T25771979
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:56:32 2021 Page 1
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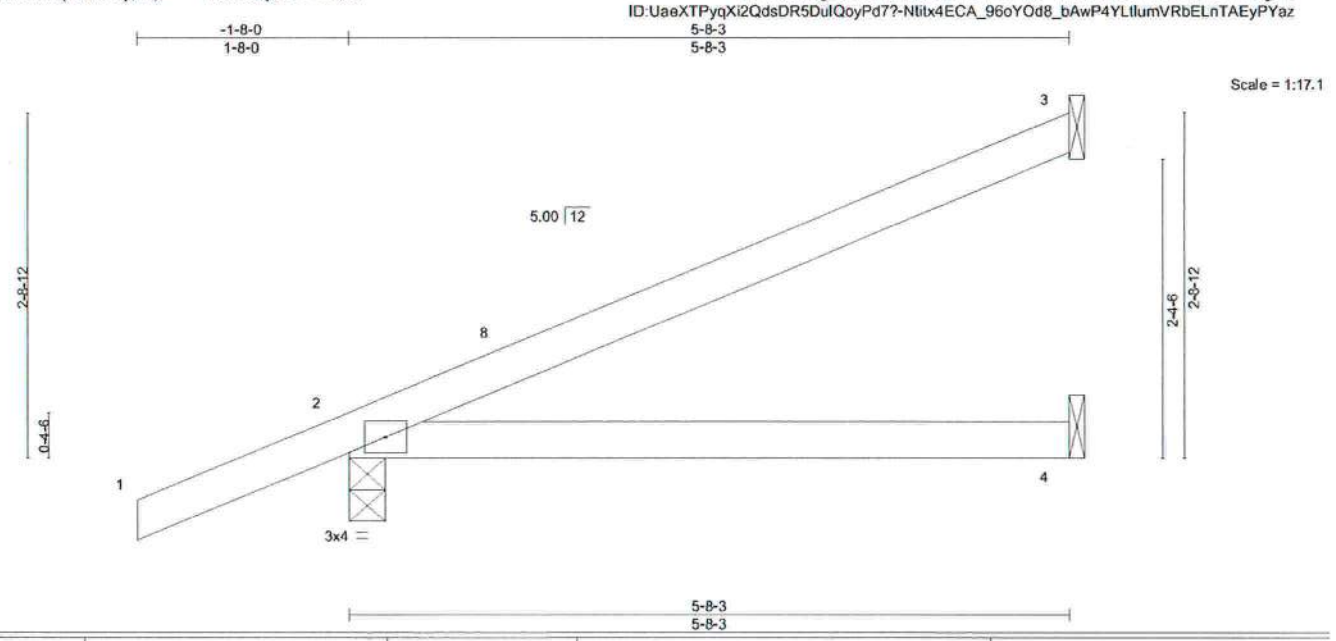

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	0.05	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.09	4-7	>764	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 20 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 5-8-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=101(LC 12)
Max Uplift 3=-70(LC 12), 2=-80(LC 12)
Max Grav 3=129(LC 1), 2=311(LC 1), 4=100(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 5-7-7 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 70 lb uplift at joint 3 and 80 lb uplift at joint 2.

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October 27,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	EJ01	Jack-Partial	11	1	T25771980
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:56:37 2021 Page 1
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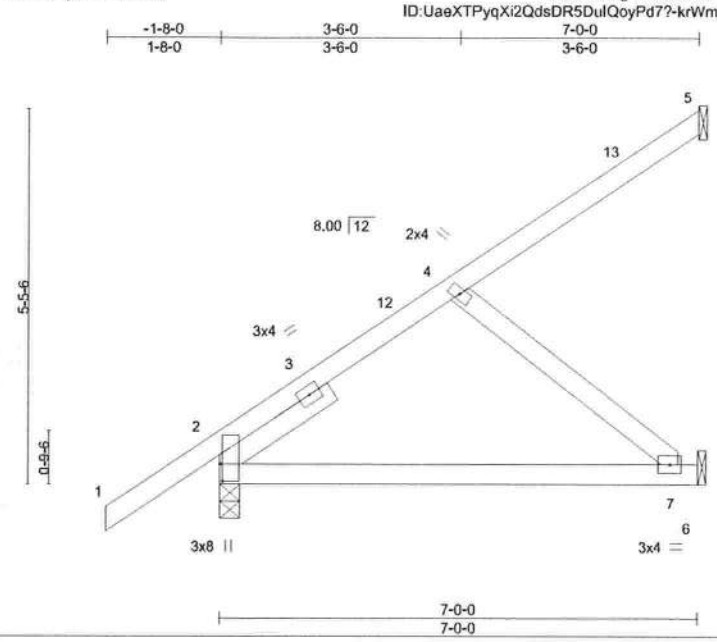

Philip J. O'Regan PE No.58126
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Date:

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

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	0.22	Vert(LL)	-0.07	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.14	7-10	>590	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 35 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 1-11-8

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) 5=Mechanical, 2=0-3-8, 6=Mechanical
Max Horz 2=185(LC 12)
Max Uplift 5=-47(LC 12), 2=-49(LC 12), 6=-67(LC 12)
Max Grav 5=80(LC 19), 2=357(LC 1), 6=182(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-501/0

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 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 47 lb uplift at joint 5, 49 lb uplift at joint 2 and 67 lb uplift at joint 6.

October 27,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.	T25771981
2975129	EJ02	Jack-Partial	4	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Jul 16 2021 MiTek Industries, Inc. Wed Oct 27 11:11:19 2021 Page 1
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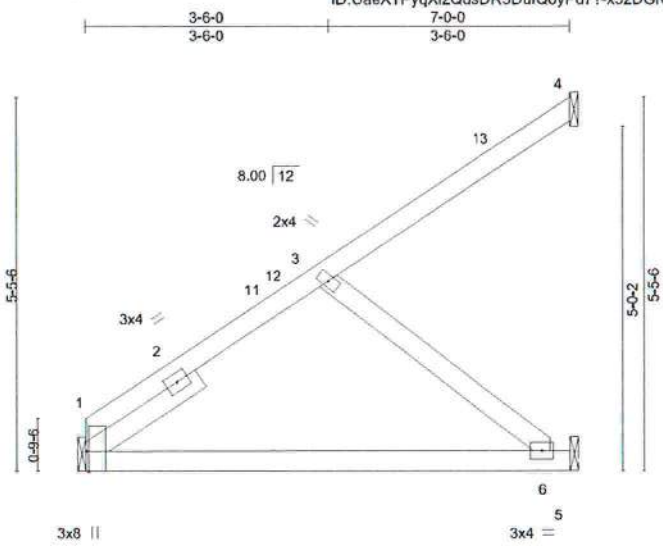

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

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

Plate Offsets (X,Y)-- [1:0-3-8,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	0.24	Vert(LL)	-0.07	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.14	6-9	>579	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	1	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 32 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 1-11-8

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) 1=Mechanical, 4=Mechanical, 5=Mechanical
Max Horz 1=153(LC 12)
Max Uplift 1=-10(LC 12), 4=-46(LC 12), 5=-74(LC 12)
Max Grav 1=257(LC 1), 4=76(LC 19), 5=195(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-542/48

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 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 10 lb uplift at joint 1, 46 lb uplift at joint 4 and 74 lb uplift at joint 5.

October 27,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771982
2975129	EJ03	Half Hip	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:56:50 2021 Page 1
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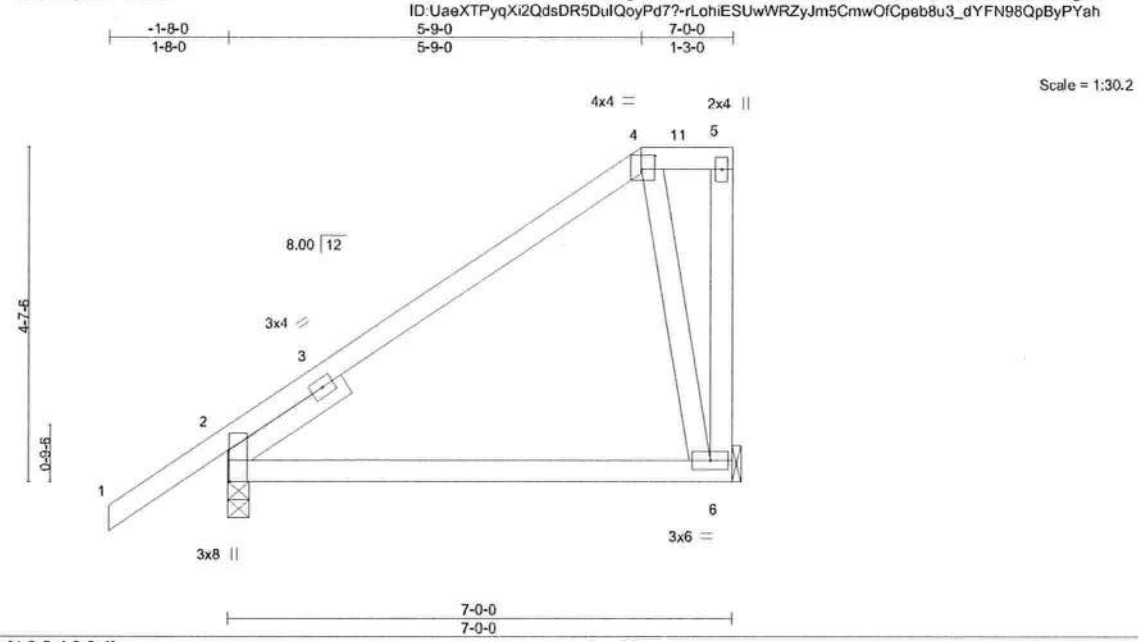

Plate Offsets (X,Y)– [2:0-5-2,Edge], [4:0-2-4,0-2-4]

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	0.32	Vert(LL)	-0.06	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.14	6-9	>598	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.02	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 41 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 1-11-8

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) 6=Mechanical, 2=0-3-8
Max Horz 2=166(LC 12)
Max Uplift 6=-102(LC 12), 2=-62(LC 12)
Max Grav 6=243(LC 1), 2=355(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-348/11

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 5-9-0, Exterior(2E) 5-9-0 to 6-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 6=102.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	EJ04	Half Hip	1	1	T25771983
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:01 2021 Page 1
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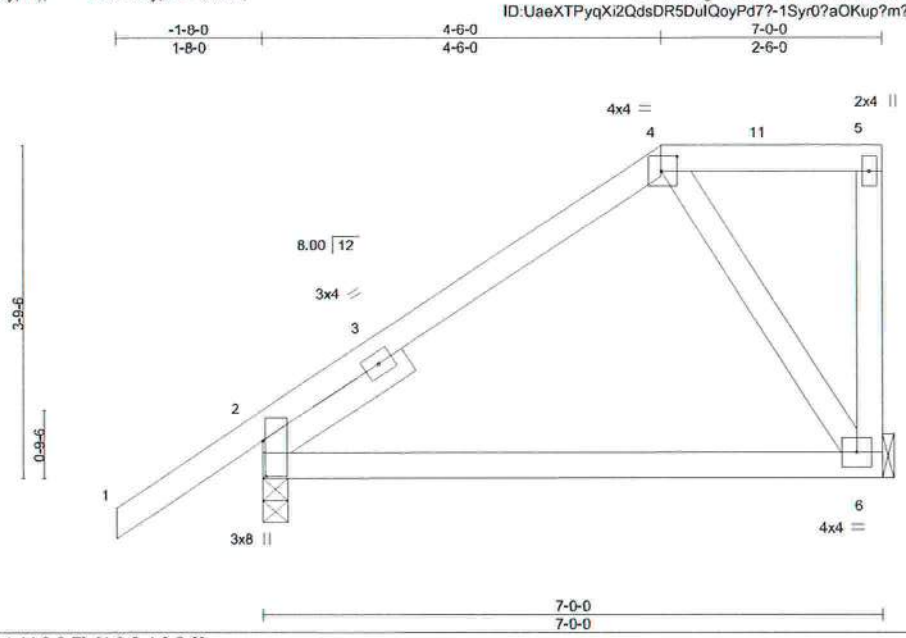

Plate Offsets (X,Y)-- [2:0-4-14,0-0-7], [4:0-2-4,0-2-0]

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)	-0.06	6-9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.12	6-9	>691	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 39 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 1-11-8

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=0-3-8, 6=Mechanical
Max Horz 2=137(LC 12)
Max Uplift 2=-77(LC 12), 6=-78(LC 12)
Max Grav 2=355(LC 1), 6=243(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-397/35

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 4-6-0, Exterior(2E) 4-6-0 to 6-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	EJ05	Half Hip Girder	1	1	T25771984
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:05 2021 Page 1
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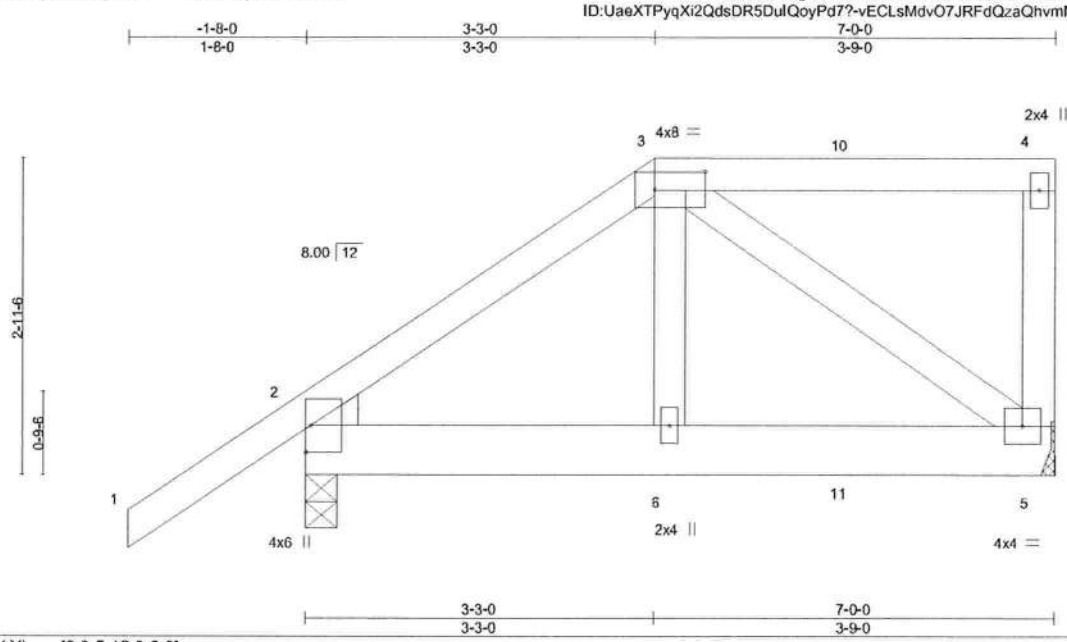

Plate Offsets (X,Y)-- [3:0-5-12,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.00	5-6	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.01	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.12	Horz(CT)	0.00	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 2x6 SP No.2
WEBS 2x4 SP No.3
WEDGE
Left: 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=0-3-8, 5=Mechanical
Max Horz 2=108(LC 8)
Max Uplift 2=-111(LC 8), 5=-102(LC 5)
Max Grav 2=446(LC 1), 5=400(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-380/74
BOT CHORD 2-6=-88/281, 5-6=-88/290
WEBS 3-6=0/289, 3-5=-324/97

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=111, 5=102.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 88 lb down and 74 lb up at 5-0-12 on top chord, and 130 lb down and 35 lb up at 3-3-0, and 70 lb down at 5-0-12 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, 5-7=-20
Concentrated Loads (lb)
Vert: 6=-107(B) 10=-88(B) 11=-53(B)

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771985
2975129	EJ06	Jack-Open	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055. 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:06 2021 Page 1
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-1-8-0 / 1-8-0 | 6-2-6 / 6-2-6

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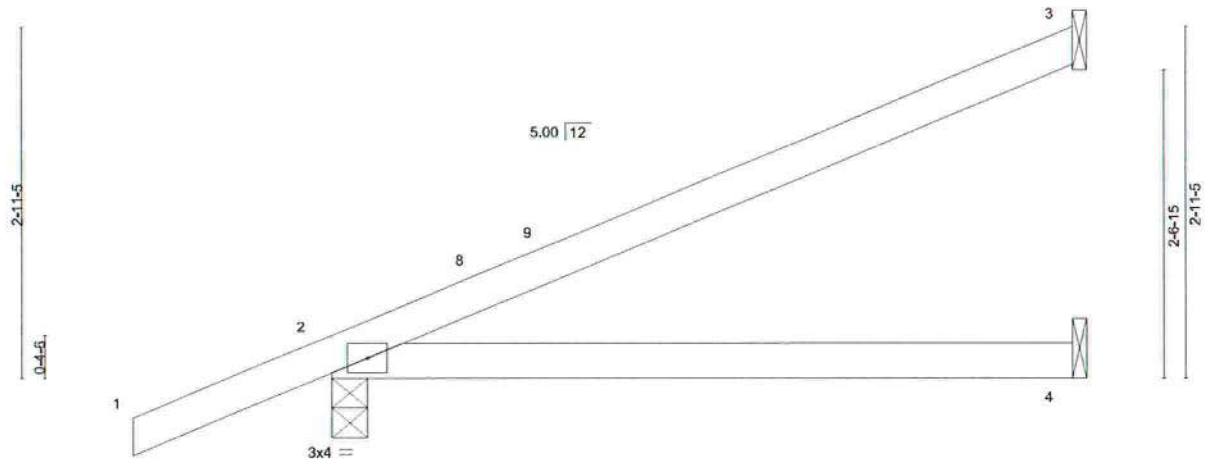

6-2-6 / 6-2-6

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)	-0.06	4-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.13	4-7	>579	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: 22 lb	FT = 20%

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

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=108(LC 12)
Max Uplift 3=-77(LC 12), 2=-83(LC 12)
Max Grav 3=142(LC 1), 2=329(LC 1), 4=110(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 6-1-10 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	WOODMAN PARK - SOLER RES.
2975129	HJ07	Diagonal Hip Girder	1	1	T25771986
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:08 2021 Page 1
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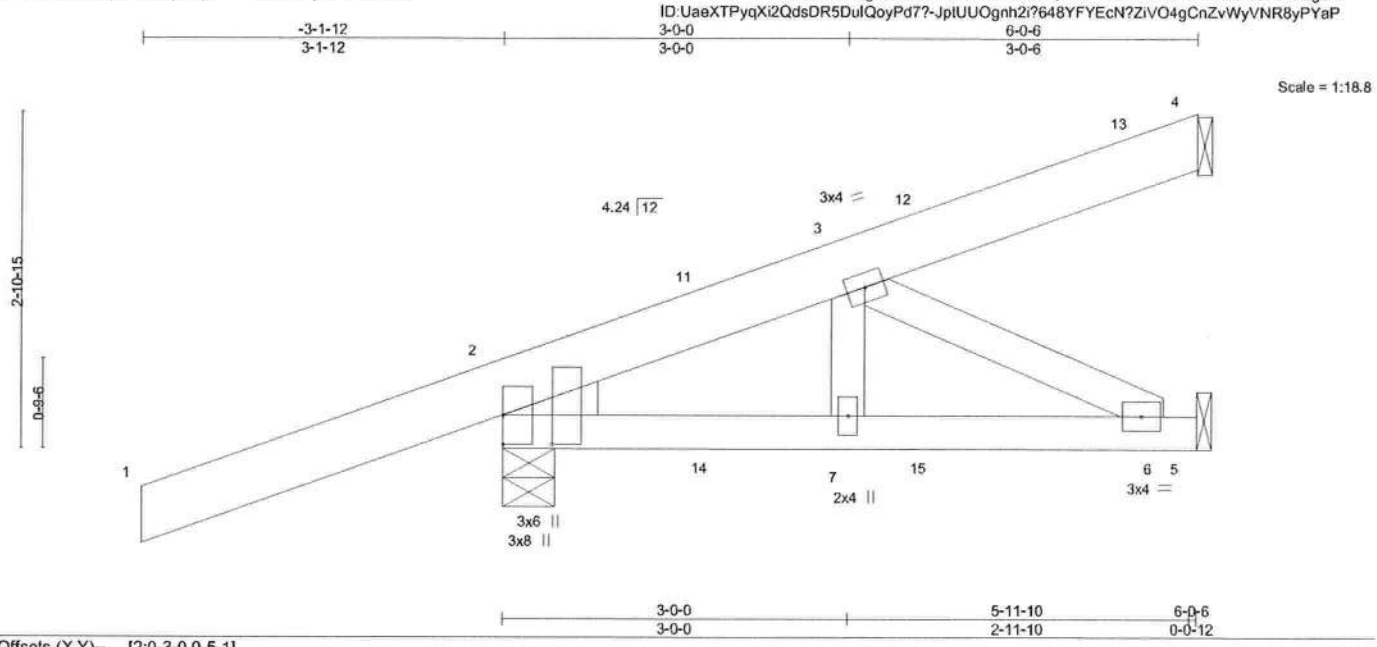

Plate Offsets (X,Y)-- [2:0-3-0,0-5-1]

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	0.29	Vert(LL)	-0.01	6-7	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	-0.01	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.05	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 39 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 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 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-5-6, 5=Mechanical
Max Horz 2=124(LC 4)
Max Uplift 4=-81(LC 4), 2=-196(LC 4), 5=-12(LC 8)
Max Grav 4=144(LC 1), 2=437(LC 1), 5=177(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; End., 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) 4, 5 except (jt=lb) 2=196.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 15 lb down and 19 lb up at 1-9-11, and 64 lb down and 20 lb up at 3-8-8, and 67 lb down and 80 lb up at 5-6-15 on top chord, and 16 lb down and 1 lb up at 1-9-11, and 13 lb down and 8 lb up at 3-8-8, and 54 lb down at 5-6-15 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: 6=-43(B) 13=-67(B) 14=1(B) 15=8(F)

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771987
2975129	T01	Common	2	1	Job Reference (optional)

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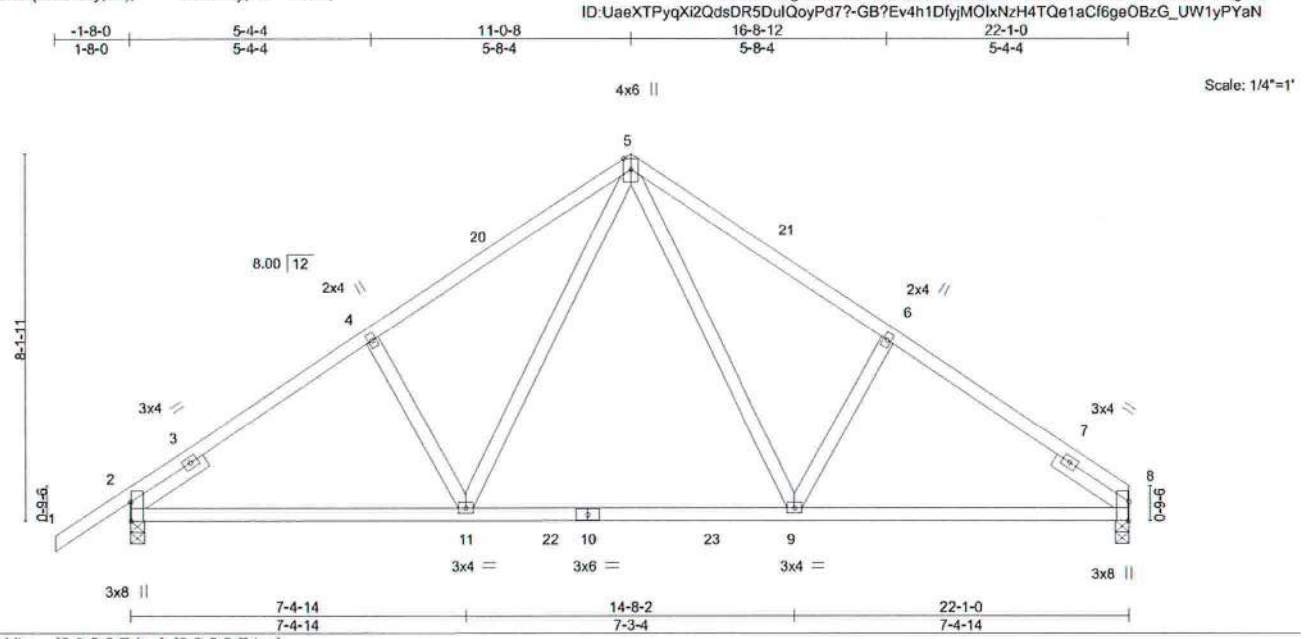

Plate Offsets (X,Y)-- [2:0-5-2,Edge], [8:0-5-2,Edge]

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	0.38	Vert(LL)	-0.13	9-11	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.20	9-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 119 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 1-11-8, Right 2x4 SP No.3 1-11-8

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

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=178(LC 11)
Max Uplift 8=-159(LC 13), 2=-196(LC 12)
Max Grav 8=931(LC 20), 2=1019(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1182/221, 4-5=-1111/266, 5-6=-1122/272, 6-8=-1165/230
BOT CHORD 2-11=-222/1049, 9-11=-65/704, 8-9=-132/941
WEBS 5-9=-155/560, 6-9=-254/205, 5-11=-147/544

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 11-0-8, Exterior(2R) 11-0-8 to 14-0-8, Interior(1) 14-0-8 to 22-1-0 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, 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) 8=159, 2=196.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.	T25771988
2975129	T01G	GABLE	1	1	Job Reference (optional)	

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:12 2021 Page 1
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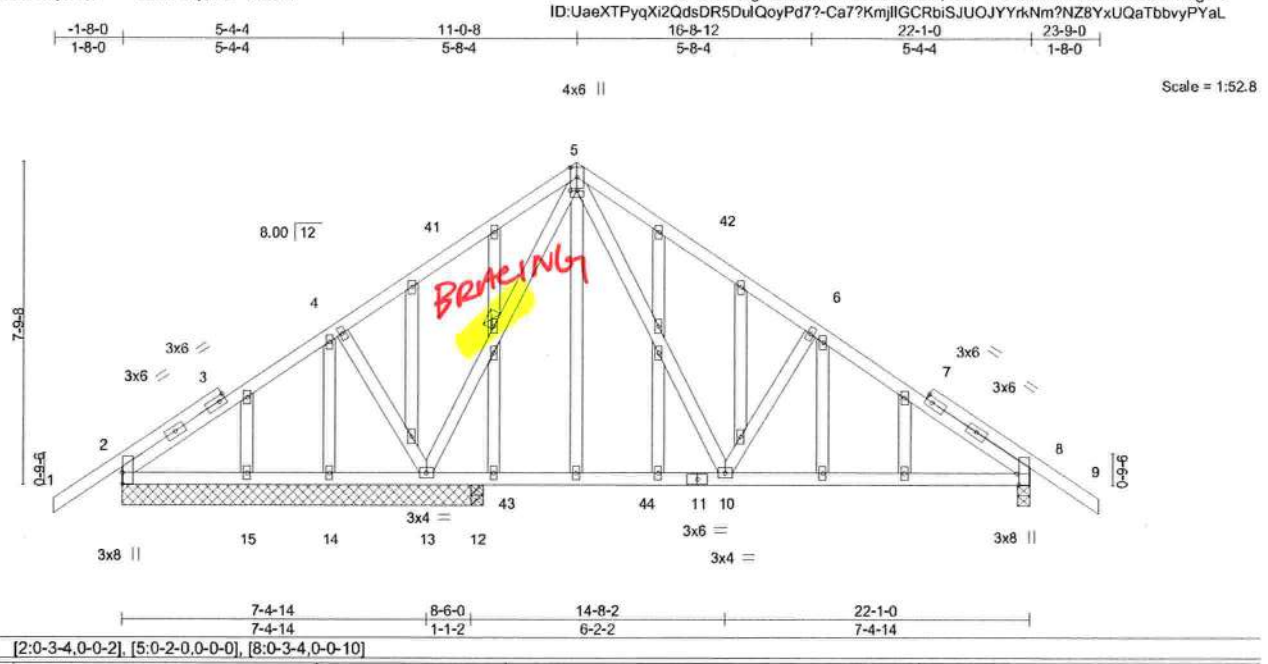

Plate Offsets (X,Y)– [2:0-3-4,0-0-2], [5:0-2-0,0-0-0], [8:0-3-4,0-0-10]

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	0.34	Vert(LL)	-0.05	10-39	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.10	10-39	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 178 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 8-9-8 except (jt=length) 8=0-3-8, 12=0-3-8.
(lb) - Max Horz 2=-179(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 15 except 8=-153(LC 13), 13=-248(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 14, 15 except 2=292(LC 23), 8=677(LC 20), 13=733(LC 1), 12=305(LC 18), 2=260(LC 1)

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

TOP CHORD	5-6=-585/193, 6-8=-677/154
BOT CHORD	8-10=-40/525
WEBS	5-10=-153/586, 6-10=-315/208, 5-13=-580/114, 4-13=-296/211

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; End., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 11-0-8, Exterior(2R) 11-0-8 to 14-0-8, Interior(1) 14-0-8 to 23-9-0 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 studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 15, 2 except (jt=lb) 8=153, 13=248.

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October 27,2021

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771989
2975129	T01GG	Common Supported Gable	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:14 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-8yFlIRkYHuS9q?cicpL0dGpm4p9mcUEnuuyifoyPYaJ

-1-8-0	6-9-8	13-7-0	15-3-0
1-8-0	6-9-8	6-9-8	1-8-0

Scale = 1:31.4

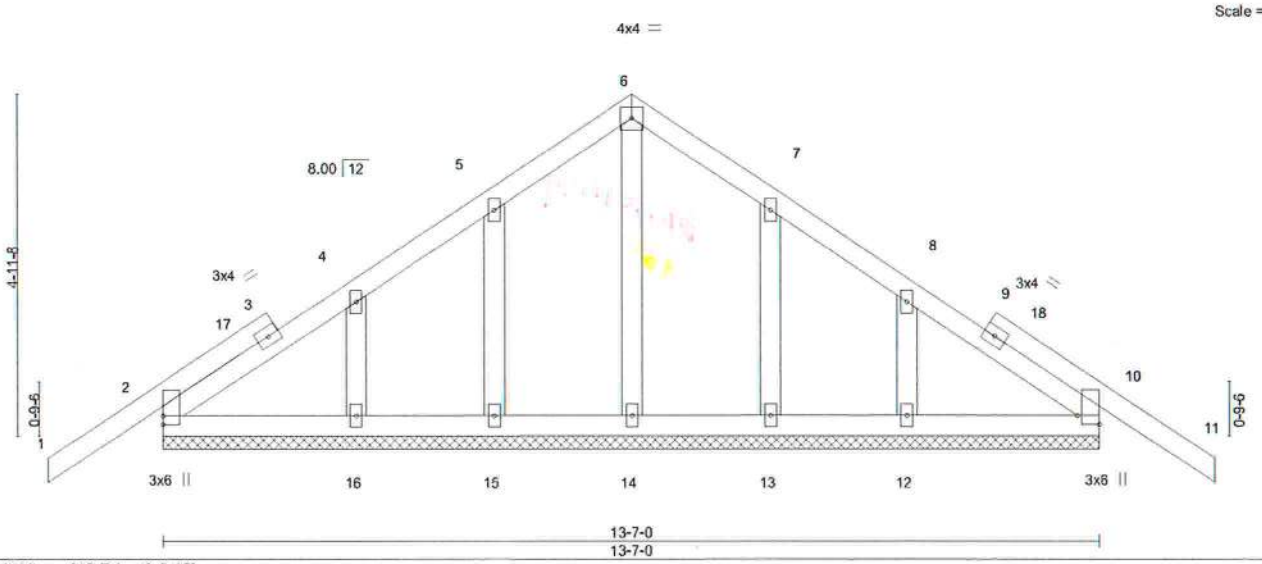

Plate Offsets (X,Y)-- [10:Edge,0-3-12]

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	0.16	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 77 lb	FT = 20%

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

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

REACTIONS. All bearings 13-7-0.
(lb) - Max Horz 2=-116(LC 10)
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) 2, 10, 14, 15, 16, 13, 12

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) -1-8-0 to 1-4-0, Exterior(2N) 1-4-0 to 6-9-8, Corner(3R) 6-9-8 to 9-9-8, Exterior(2N) 9-9-8 to 15-3-0 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.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T02	Common Girder	1	2	T25771990

Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:19 2021 Page 1

ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-Vw2eo9oh5Q4SxmUfOMxBKJWcoqpjHaMW19fTK?yPYaE

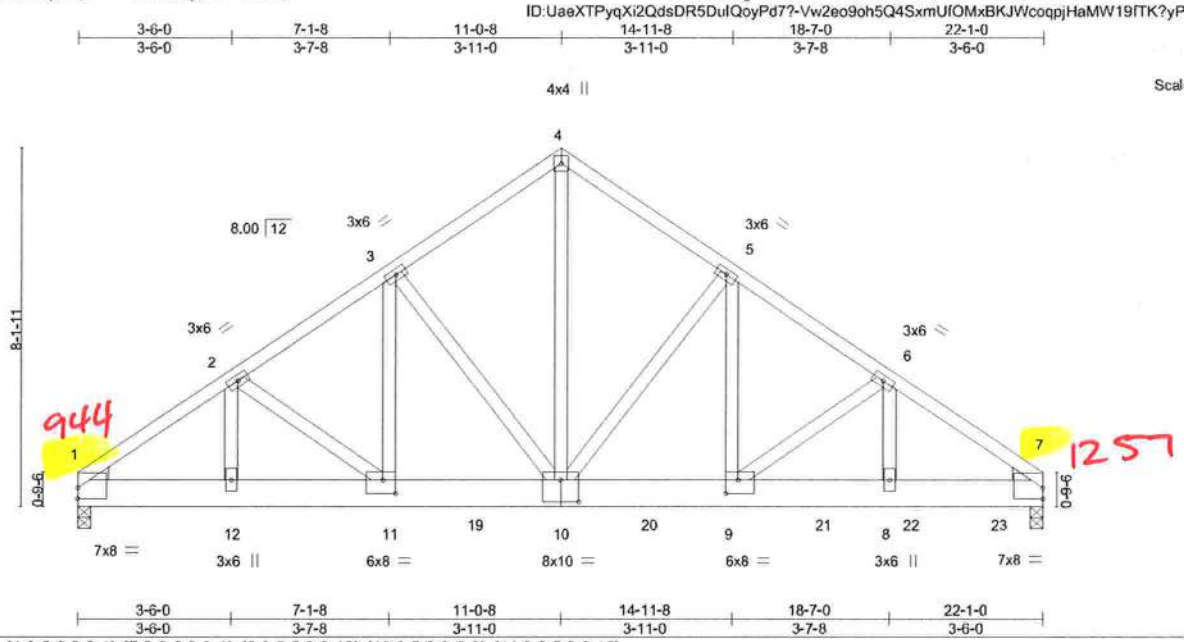

Plate Offsets (X,Y)– [1:0-0-0,0-3-1], [7:0-0-0,0-3-1], [9:0-3-8,0-3-12], [10:0-5-0,0-6-0], [11:0-3-8,0-3-12]

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	0.22	Vert(LL)	-0.08	9-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.13	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.75	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 340 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3
WEDGE
Left: 2x4 SP No.3 , Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 7=0-3-8
Max Horz 1=-162(LC 4)
Max Uplift 1=-944(LC 8), 7=-1257(LC 9)
Max Grav 1=3103(LC 1), 7=4662(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4534/1396, 2-3=-4822/1526, 3-4=-3804/1194, 4-5=-3805/1194, 5-6=-4940/1440, 6-7=-5649/1584
BOT CHORD 1-12=-1215/3711, 11-12=-1215/3711, 10-11=-1254/3983, 9-10=-1115/4082, 8-9=-1264/4640, 7-8=-1264/4640
WEBS 4-10=-1232/3937, 5-10=-1598/510, 5-9=-443/1735, 6-9=-749/237, 6-8=-179/762, 3-10=-1420/628, 3-11=-584/1484, 2-11=-255/418, 2-12=-504/192

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 0-8-0 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=944, 7=1257.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1306 lb down and 586 lb up at 7-1-9, 722 lb down and 197 lb up at 9-0-12, 636 lb down and 188 lb up at 11-0-12, 663 lb down and 194 lb up at 13-0-12, 620 lb down and 182 lb up at 15-0-12, 620 lb down and 182 lb up at 17-0-12, and 620 lb down and 182 lb up at 19-0-12, and 1206 lb down and 281 lb up at 21-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T02	Common Girder	1	2	T25771990 Job Reference (optional)

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, 13-16=-20
   Concentrated Loads (lb)
   Vert: 10=-616(B) 9=-596(B) 11=-1306(B) 19=-634(B) 20=-638(B) 21=-596(B) 22=-596(B) 23=-1091(B)

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T03	Half Hip Girder	1	2	T25771991

Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:30 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-g1Do6wxaVoTulTqnXAemGeTRkFXMLdx8ZNqYDsyPYa3

-1-8-0	6-3-2	12-2-6	16-4-11	20-5-4	27-6-15	34-8-9	42-0-0
1-8-0	6-3-2	5-11-4	4-2-5	4-0-9	7-1-11	7-1-10	7-3-7

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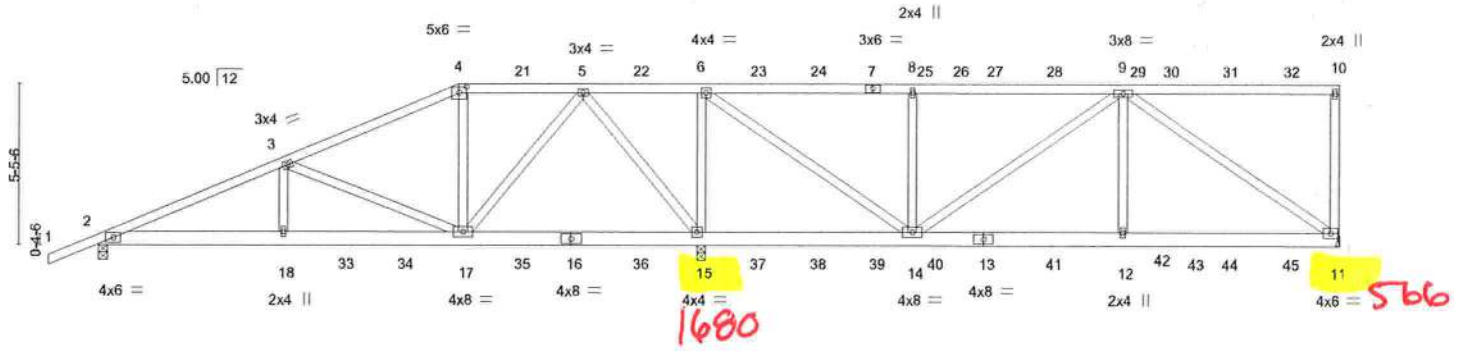

6-3-2	12-2-6	20-5-4	27-6-15	34-8-9	42-0-0
6-3-2	5-11-4	8-2-14	7-1-11	7-1-10	7-3-7

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.43	Vert(LL)	-0.05	17-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.08	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.50	Horz(CT)	0.01	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 535 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 6-0-0 oc bracing.

REACTIONS. (size) 11=Mechanical, 2=0-3-8, 15=0-3-8
Max Horz 2=196(LC 27)
Max Uplift 11=-566(LC 9), 2=-338(LC 8), 15=-1680(LC 8)
Max Grav 11=1326(LC 20), 2=1103(LC 1), 15=4247(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2190/677, 3-4=-840/303, 4-5=-713/309, 5-6=-573/1575, 6-8=-701/332, 8-9=-701/332
BOT CHORD 2-18=-744/1978, 17-18=-744/1978, 15-17=-343/100, 14-15=-1575/573, 12-14=-553/1267, 11-12=-553/1267
WEBS 3-18=-166/727, 3-17=-1375/472, 5-17=-629/1693, 5-15=-1976/786, 6-15=-1934/845, 6-14=-1071/2645, 8-14=-463/262, 9-14=-769/272, 9-12=-258/856, 9-11=-1510/658

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) 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) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=566, 2=338, 15=1680.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771991
2975129	T03	Half Hip Girder	1	2	Job Reference (optional)

NOTES-

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 67 lb down and 49 lb up at 12-2-6, 67 lb down and 49 lb up at 14-3-2, 67 lb down and 49 lb up at 16-3-2, 67 lb down and 49 lb up at 18-3-2, 67 lb down and 49 lb up at 20-3-2, 67 lb down and 49 lb up at 22-3-2, 67 lb down and 49 lb up at 24-3-2, 67 lb down and 47 lb up at 26-3-2, 67 lb down and 49 lb up at 28-3-2, 67 lb down and 49 lb up at 30-3-2, 67 lb down and 49 lb up at 32-3-2, 65 lb down and 47 lb up at 34-3-2, 65 lb down and 47 lb up at 36-3-2, and 65 lb down and 47 lb up at 38-3-2, and 65 lb down and 47 lb up at 40-3-2 on top chord, and 380 lb down and 122 lb up at 6-3-2, 223 lb down and 98 lb up at 8-3-2, 223 lb down and 122 lb up at 10-3-2, 152 lb down and 87 lb up at 12-3-2, 152 lb down and 87 lb up at 14-3-2, 152 lb down and 87 lb up at 16-3-2, 152 lb down and 87 lb up at 18-3-2, 152 lb down and 87 lb up at 20-3-2, 152 lb down and 87 lb up at 22-3-2, 152 lb down and 87 lb up at 24-3-2, 152 lb down and 87 lb up at 26-3-2, 152 lb down and 87 lb up at 28-3-2, 152 lb down and 87 lb up at 30-3-2, 152 lb down and 87 lb up at 32-3-2, 164 lb down and 94 lb up at 34-3-2, 164 lb down and 94 lb up at 36-3-2, and 164 lb down and 94 lb up at 38-3-2, and 164 lb down and 94 lb up at 40-3-2 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-10=-54, 2-11=-20
   Concentrated Loads (lb)
   Vert: 4=-22(F) 7=-22(F) 16=-150(F) 18=-380(F) 17=-150(F) 5=-22(F) 15=-150(F) 6=-22(F) 13=-150(F) 21=-22(F) 22=-22(F) 23=-22(F) 24=-22(F) 26=-22(F) 27=-22(F) 28=-22(F) 29=-18(F) 30=-18(F) 31=-18(F) 32=-18(F) 33=-223(F) 34=-223(F) 35=-150(F) 36=-150(F) 37=-150(F) 38=-150(F) 39=-150(F) 40=-150(F) 41=-150(F) 42=-164(F) 43=-164(F) 44=-164(F) 45=-164(F)

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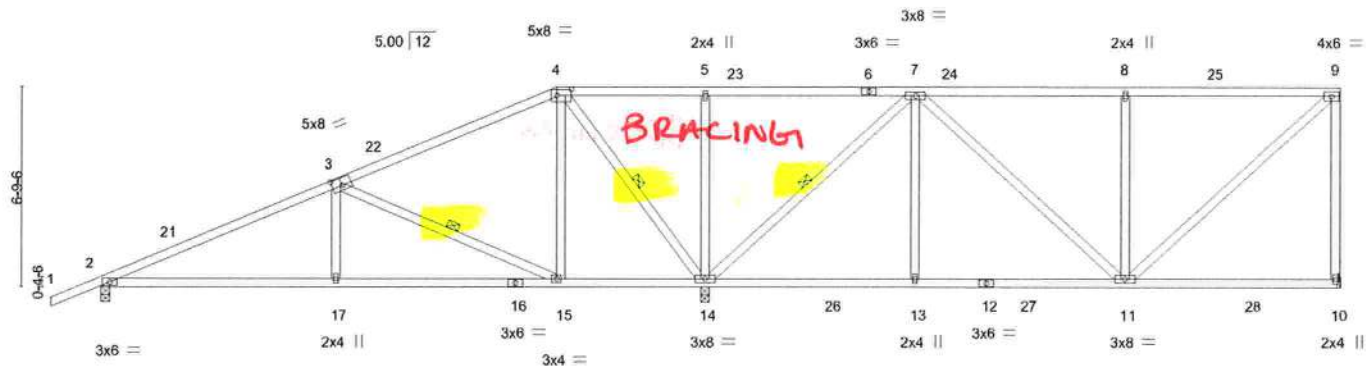
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771992
2975129	T04	Half Hip	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:34 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-ZpSJxH_5Z1zJE48Ym?ijRUe3TlrGHOJkU?olMeyPYa?

-1-8-0	7-11-0	15-4-13	20-5-4	27-6-15	34-8-10	42-0-0
1-8-0	7-11-0	7-5-13	5-0-7	7-1-11	7-1-11	7-3-6

Scale = 1:73.6



7-11-0	15-4-13	20-5-4	27-6-15	34-8-10	42-0-0
7-11-0	7-5-13	5-0-7	7-1-11	7-1-11	7-3-6

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

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	0.64	Vert(LL)	-0.12	17-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.23	17-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 245 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 5-7-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 6-0-0 oc bracing: 14-15.
WEBS 1 Row at midpt 3-15, 4-14, 7-14

REACTIONS. (size) 10=Mechanical, 2=0-3-8, 14=0-3-8
Max Horz 2=242(LC 12)
Max Uplift 10=-177(LC 9), 2=-156(LC 12), 14=-489(LC 12)
Max Grav 10=694(LC 2), 2=651(LC 2), 14=2166(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-848/158, 4-5=-144/686, 5-7=-144/686, 7-8=-477/131, 8-9=-477/131, 9-10=-552/194
BOT CHORD 2-17=-299/749, 15-17=-300/734
WEBS 3-17=0/345, 3-15=-882/298, 4-15=-82/562, 4-14=-1030/285, 5-14=-347/169, 7-14=-1259/273, 7-13=0/386, 7-11=-79/313, 8-11=-419/209, 9-11=-172/620

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; End., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-6-6, Interior(1) 2-6-6 to 15-4-13, Exterior(2R) 15-4-13 to 21-4-1, Interior(1) 21-4-1 to 41-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) 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) 10=177, 2=156, 14=489.

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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
October 27,2021

MiTek
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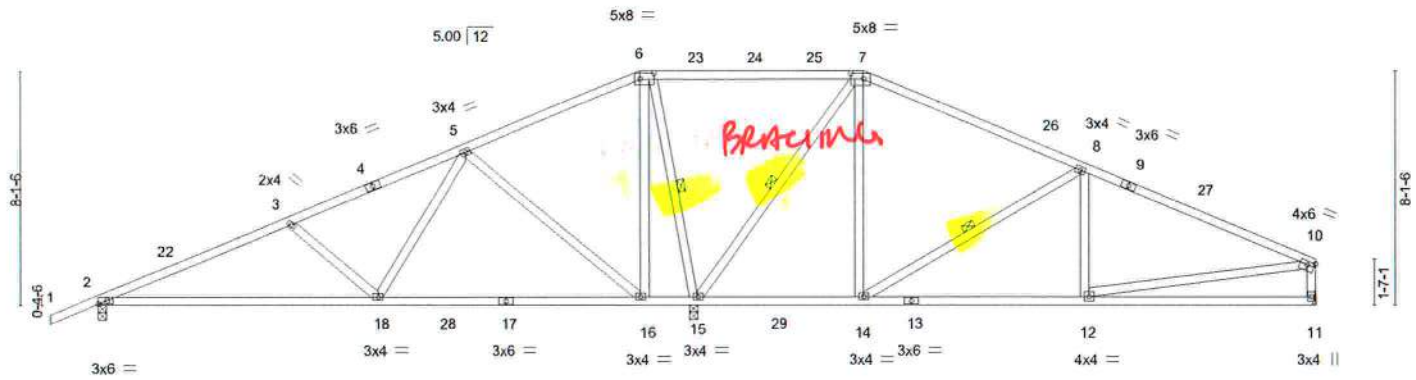
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771993
2975129	T05	Hip	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:36 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-VBa4Mz?L5eD1TOHxuQkBWvjNFgSclDb0yJHsQWyPYZz

-1-8-0	6-7-2	12-7-2	18-7-3	26-4-3	34-0-0	42-0-0
1-8-0	6-7-2	6-0-1	6-0-1	7-9-0	7-7-13	8-0-0

Scale = 1:74.8



9-7-2	18-7-3	20-5-4	26-4-3	34-0-0	42-0-0
9-7-2	9-0-1	1-10-1	5-10-15	7-7-13	8-0-0

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

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	0.81	Vert(LL)	-0.17	16-18	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.32	18-21	>776	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.02	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 239 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 5-4-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-15, 7-15, 8-14

REACTIONS. (size) 2=0-3-8, 15=0-3-8, 11=Mechanical
Max Horz 2=161(LC 12)
Max Uplift 2=-161(LC 12), 15=-422(LC 12), 11=-168(LC 13)
Max Grav 2=654(LC 25), 15=2245(LC 2), 11=656(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-864/199, 3-5=-629/129, 5-6=-68/538, 6-7=-83/724, 8-10=-811/228, 10-11=-565/188
BOT CHORD 2-18=-267/778, 15-16=-435/196, 12-14=-148/688
WEBS 3-18=-381/203, 5-18=-95/692, 5-16=-738/273, 6-16=-120/723, 6-15=-1244/311, 7-15=-1193/263, 7-14=-81/623, 8-14=-691/244, 8-12=0/290, 10-12=-104/552

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-6-6, Interior(1) 2-6-6 to 18-7-3, Exterior(2R) 18-7-3 to 24-6-8, Interior(1) 24-6-8 to 26-4-3, Exterior(2R) 26-4-3 to 32-3-7, Interior(1) 32-3-7 to 41-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) The Fabrication Tolerance at joint 6 = 12%
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=161, 15=422, 11=168.

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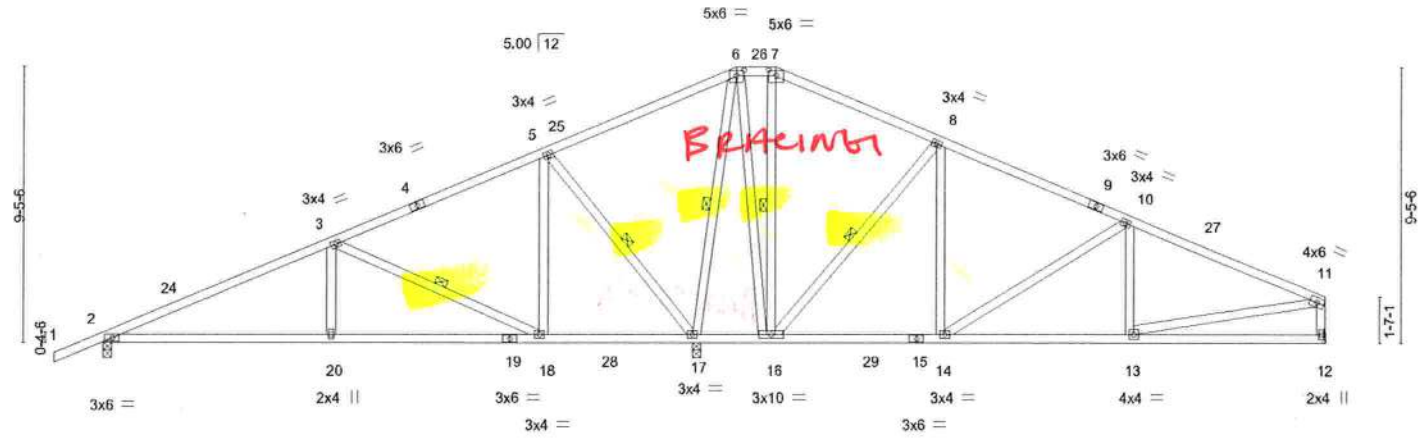
October 27,2021

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T06	Hip	1	1	T25771994
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:39 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-vmFC??2DOZccKr0VZZlu8XLxRuYjyfLTeGVW1ryPYZw

-1-8-0	7-10-0	15-2-0	21-9-10	23-1-12	28-10-0	35-4-0	42-0-0
1-8-0	7-10-0	7-4-0	6-7-10	1-4-3	5-8-4	6-6-0	6-8-0

Scale = 1:74.6



7-10-0	15-2-0	20-5-4	23-1-12	28-10-0	35-4-0	42-0-0
7-10-0	7-4-0	5-3-4	2-8-8	5-8-4	6-6-0	6-8-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.12	20-23	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.23	20-23	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.03	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 260 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-18, 5-17, 6-17, 7-16, 8-16

REACTIONS. (size) 2=0-3-8, 17=0-3-8, 12=Mechanical
Max Horz 2=181(LC 12)
Max Uplift 2=-159(LC 12), 17=-418(LC 12), 12=-174(LC 13)
Max Grav 2=661(LC 25), 17=2159(LC 2), 12=686(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-874/165, 5-6=-93/686, 6-7=0/312, 7-8=-27/346, 8-10=-477/187, 10-11=-874/238, 11-12=-597/190
BOT CHORD 2-20=-245/772, 18-20=-245/772, 16-17=-381/171, 14-16=-52/377, 13-14=-167/760
WEBS 3-20=0/332, 3-18=-839/271, 5-18=-66/558, 5-17=-844/291, 6-17=-1382/246, 6-16=-208/933, 8-16=-778/253, 8-14=-55/515, 10-14=-481/171, 11-13=-136/667

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; End., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-6-6, Interior(1) 2-6-6 to 21-9-10, Exterior(2E) 21-9-10 to 23-1-12, Exterior(2R) 23-1-12 to 28-10-0, Interior(1) 28-10-0 to 41-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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=159, 17=418, 12=174.

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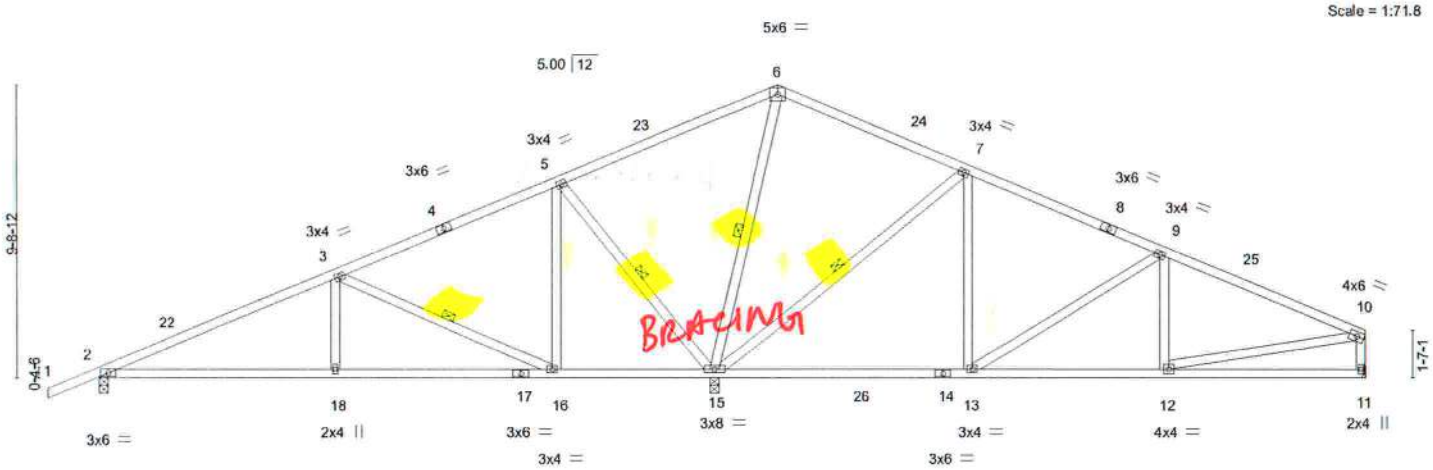
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771995
2975129	T07	Common	3	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:42 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-KLxLd046gU_BBJl4EhrbmAzQA5ZV91KvKEkAdAyPYZt

-1-8-0	7-10-0	15-2-0	22-5-11	28-10-0	35-4-0	42-0-0
1-8-0	7-10-0	7-4-0	7-3-11	6-4-5	6-6-0	6-8-0

Scale = 1:71.8



7-10-0	15-2-0	20-5-4	28-10-0	35-4-0	42-0-0
7-10-0	7-4-0	5-3-4	8-4-12	6-6-0	6-8-0

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 0.66	Vert(LL) -0.16 13-15 >999 240	MT20 244/190
TCDL 7.0	Lumber DOL 1.25	BC 0.62	Vert(CT) -0.26 13-15 >977 180	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.54	Horz(CT) 0.02 11 n/a n/a	
BCDL 10.0	Code FBC2020/TPI2014	Matrix-MS		Weight: 237 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 5-9-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-16, 5-15, 6-15, 7-15

REACTIONS. (size) 2=0-3-8, 15=0-3-8, 11=Mechanical
Max Horz 2=185(LC 12)
Max Uplift 2=-155(LC 12), 15=-424(LC 12), 11=-162(LC 13)
Max Grav 2=630(LC 23), 15=2274(LC 2), 11=640(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-812/153, 3-5=-62/261, 5-6=-108/819, 6-7=-44/626, 7-9=-395/162, 9-10=-788/218, 10-11=-553/179
BOT CHORD 2-18=-238/690, 16-18=-238/690, 13-15=-96/303, 12-13=-149/681
WEBS 3-18=0/340, 3-16=-843/265, 5-16=-70/526, 5-15=-836/309, 6-15=-827/173, 7-15=-911/277, 7-13=-47/574, 9-13=-477/176, 10-12=-117/582

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-6-6, Interior(1) 2-6-6 to 22-5-11, Exterior(2R) 22-5-11 to 26-8-1, Interior(1) 26-8-1 to 41-10-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=155, 15=424, 11=162.

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Date:
October 27,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T08	Roof Special	1	1	T25771996
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:45 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-kwdTF26_zPMl2mTfwpPlNobxalXfMLqL0CyrEVyPYZq

-1-8-0	4-7-13	8-9-6	15-5-5	20-7-0	22-5-11	28-10-0	35-3-9	42-0-0
1-8-0	4-7-13	4-1-9	6-7-15	5-1-11	1-10-11	6-4-5	6-5-9	6-8-7

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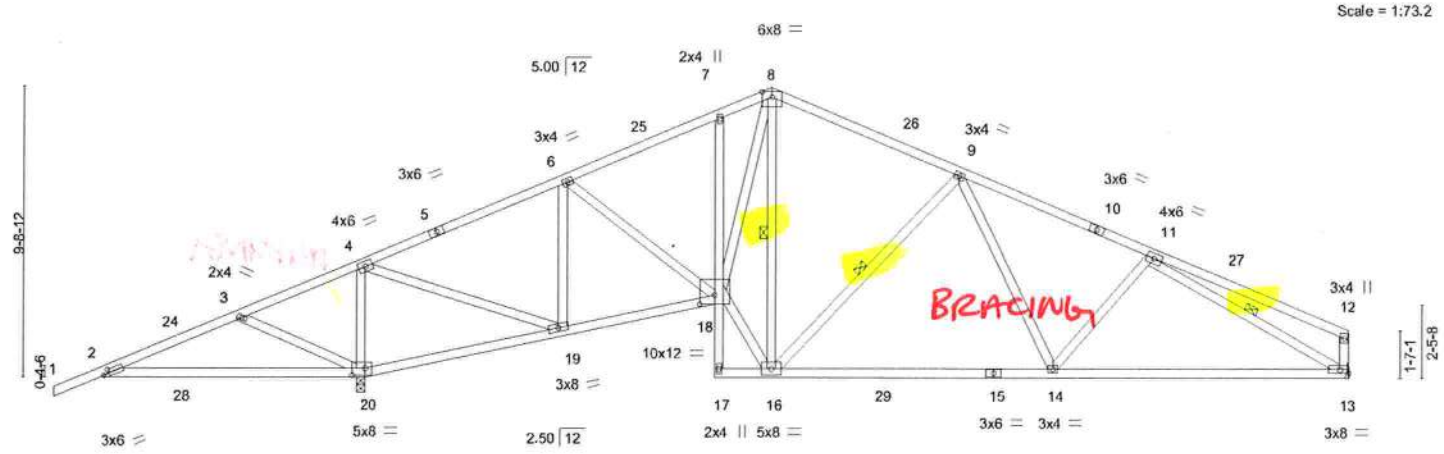

8-5-14	8-9-6	15-5-5	20-7-0	22-5-11	32-0-0	42-0-0
8-5-14	0-3-8	6-7-15	5-1-11	1-10-11	9-6-5	10-0-0

Plate Offsets (X,Y)-- [2:0-2-6,0-1-8], [18:0-6-0,0-3-9], [20:0-5-4,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.26	14-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.42	14-16	>936	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(CT)	0.11	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 257 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
7-17: 2x4 SP No.3, 13-15: 2x4 SP M 31
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-5-15 oc bracing.
WEBS 1 Row at midpt 8-16, 9-16, 11-13

REACTIONS. (size) 20=0-3-8, 13=Mechanical
Max Horz 20=185(LC 12)
Max Uplift 20=-484(LC 8), 13=-261(LC 13)
Max Grav 20=2211(LC 2), 13=1226(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-730/750, 3-4=-907/1056, 4-6=-988/201, 6-7=-1427/299, 7-8=-1358/313, 8-9=-1089/288, 9-11=-1750/399
BOT CHORD 2-20=-631/703, 19-20=-1047/945, 18-19=-127/893, 14-16=-195/1375, 13-14=-318/1566
WEBS 3-20=-336/277, 4-20=-1608/518, 4-19=-592/1963, 6-19=-805/375, 6-18=-233/513, 16-18=-96/1627, 8-18=-214/1258, 8-16=-543/68, 9-16=-629/256, 9-14=-57/459, 11-13=-1649/343

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; End., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-6-6, Interior(1) 2-6-6 to 22-5-11, Exterior(2R) 22-5-11 to 26-8-1, Interior(1) 26-8-1 to 41-10-4 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 20=484, 13=261.

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Date:
October 27,2021

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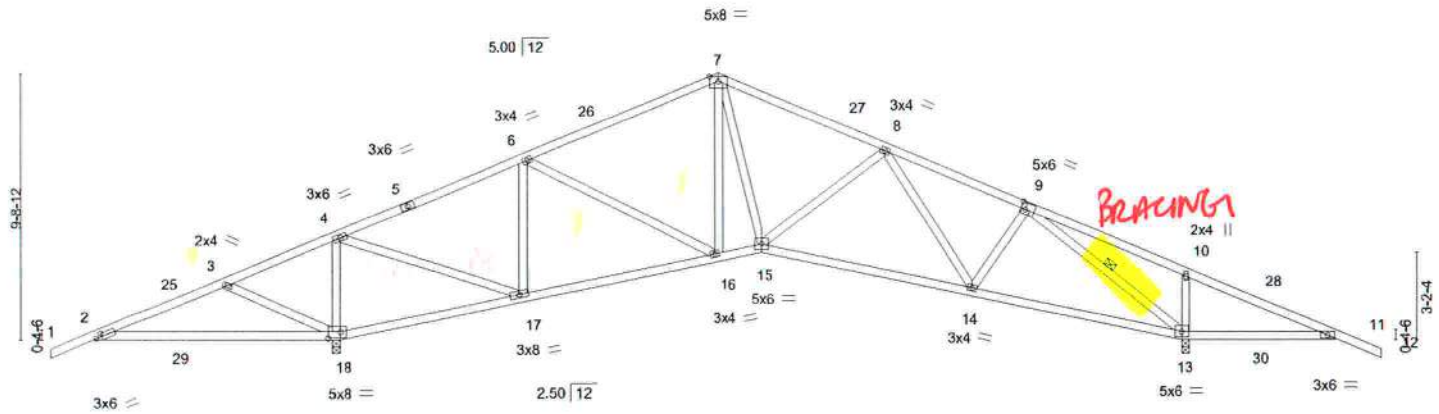
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25771997
2975129	T09	Roof Special	3	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:49 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-dhs_5PAV1esBXOnQ9fTEYemdVwxBIBfxxqw2NGyPYZm

-1-8-0	4-7-13	8-9-6	15-5-5	22-5-11	28-6-10	33-8-13	39-4-6	44-11-6	46-7-6
1-8-0	4-7-13	4-1-9	6-8-0	7-0-6	6-0-15	5-2-3	5-7-9	5-7-0	1-8-0

Scale = 1:78.6



8-5-14	8-9-6	15-5-5	22-5-11	24-0-14	31-8-12	39-4-6	39-7-14	44-11-6
8-5-14	0-3-8	6-8-0	7-0-6	1-7-3	7-7-15	7-7-10	0-3-8	5-3-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.12	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.26	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.09	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 241 lb	FT = 20%

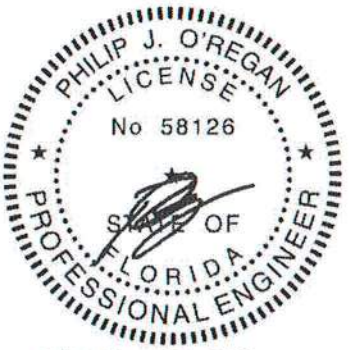
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-8-12 oc bracing.
WEBS 1 Row at midpt 9-13

REACTIONS. (size) 18=0-3-8, 13=0-3-8
Max Horz 18=-150(LC 17)
Max Uplift 18=-469(LC 8), 13=-394(LC 13)
Max Grav 18=1936(LC 1), 13=1570(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-732/737, 3-4=-914/1061, 4-6=-689/132, 6-7=-1055/204, 7-8=-1212/221, 8-9=-1226/259, 9-10=-605/733, 10-11=-676/723
BOT CHORD 2-18=-622/705, 17-18=-1028/1003, 16-17=-72/603, 15-16=-21/916, 14-15=-74/1241, 13-14=-58/930, 11-13=-606/681
WEBS 3-18=-345/283, 4-18=-1441/464, 4-17=-525/1655, 6-17=-711/340, 6-16=-194/363, 7-15=-80/636, 9-14=-35/367, 9-13=-1988/453, 10-13=-337/184

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-9-15, Interior(1) 2-9-15 to 22-5-11, Exterior(2R) 22-5-11 to 26-11-10, Interior(1) 26-11-10 to 46-7-6 zone; cantilever 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) 18=469, 13=394.



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October 27,2021

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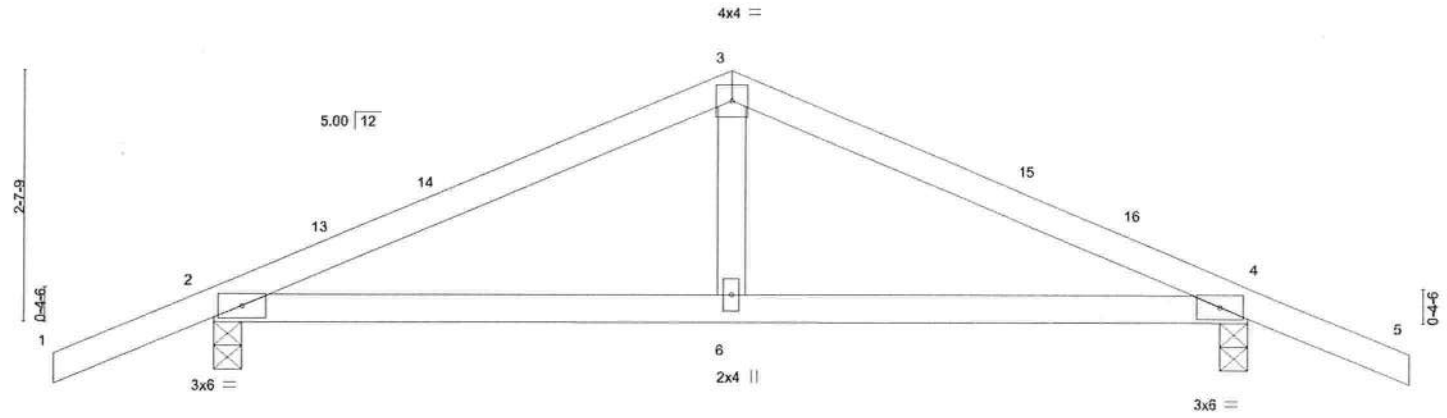
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T10	Common	1	1	T25771998
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:51 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-Z4_kW5BlZF6vmhxpG4Wid3r3?jjNmCZEO8P9S8yPYZk

-1-8-0 | 5-5-4 | 10-10-8 | 12-6-8
1-8-0 | 5-5-4 | 5-5-4 | 1-8-0

Scale = 1:22.8



5-5-4 | 10-10-8
5-5-4 | 5-5-4

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	0.27	Vert(LL)	-0.02	6-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.05	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 42 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) 2=0-3-8, 4=0-3-8
Max Horz 2=-44(LC 13)
Max Uplift 2=-122(LC 12), 4=-122(LC 13)
Max Grav 2=492(LC 1), 4=492(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-596/250, 3-4=-596/250
BOT CHORD 2-6=-127/506, 4-6=-127/506

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 5-5-4, Exterior(2R) 5-5-4 to 8-5-4, Interior(1) 8-5-4 to 12-6-8 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=122, 4=122.

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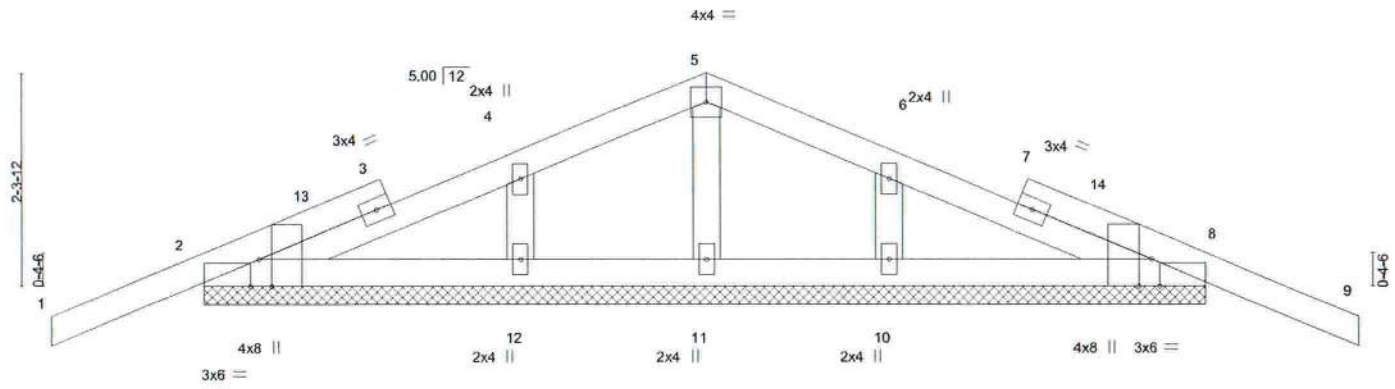
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T10G	Common Supported Gable	1	1	T25771999
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:57:56 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-w2ndZpFuNolCtSpn3d5tK7YxTkTBRUXzYQ7w7MyPYZf

-1-8-0 / 1-8-0 | 5-5-4 / 5-5-4 | 10-10-8 / 5-5-4 | 12-6-8 / 1-8-0

Scale = 1:23.5



10-10-8 / 10-10-8

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-1-1,Edge], [8:0-3-8,Edge], [8:0-1-1,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	0.16	Vert(LL)	-0.01	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	-0.01	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 49 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 6-0-0 oc bracing.

REACTIONS. All bearings 10-10-8.
(lb) - Max Horz 2=39(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 11, 12, 10
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 11, 12, 10

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) -1-8-0 to 1-4-0, Exterior(2N) 1-4-0 to 5-5-4, Corner(3R) 5-5-4 to 8-5-4, Exterior(2N) 8-5-4 to 12-6-8 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) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 11, 12, 10.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 8.

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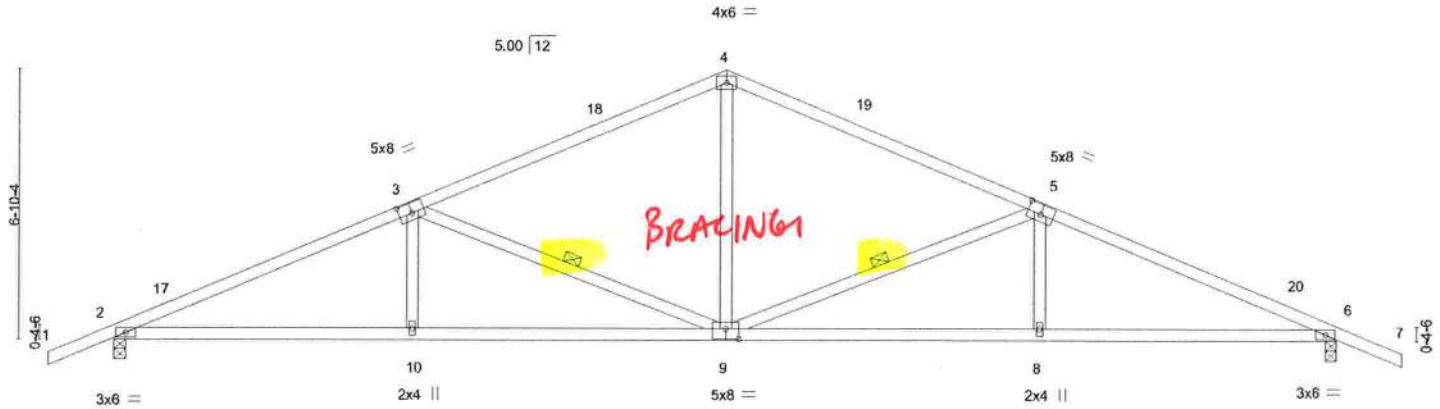
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T11	Common	5	1	T25772000
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:58:05 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-9mq1SuMXGZtwSr?V50m_B0QKKMOY2UBIcJouxLyPYZW

-1-8-0	7-7-0	15-7-0	23-7-0	31-2-0	32-10-0
1-8-0	7-7-0	8-0-0	8-0-0	7-7-0	1-8-0

Scale = 1:55.3



7-7-0	15-7-0	23-7-0	31-2-0
7-7-0	8-0-0	8-0-0	7-7-0

Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [5:0-4-0,0-3-0], [9:0-4-0,0-3-0]

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)	-0.14	9	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.31	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.10	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 145 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 8-5-15 oc bracing.
WEBS 1 Row at midpt 5-9, 3-9

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-107(LC 17)
Max Uplift 2=-280(LC 12), 6=-280(LC 13)
Max Grav 2=1243(LC 1), 6=1243(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2400/486, 3-4=-1609/362, 4-5=-1609/361, 5-6=-2400/487
BOT CHORD 2-10=-473/2161, 9-10=-472/2164, 8-9=-366/2164, 6-8=-367/2161
WEBS 4-9=-97/766, 5-9=-843/308, 5-8=0/317, 3-9=-843/307, 3-10=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) -1-8-0 to 1-5-6, Interior(1) 1-5-6 to 15-7-0, Exterior(2R) 15-7-0 to 18-8-6, Interior(1) 18-8-6 to 32-10-0 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=280, 6=280.

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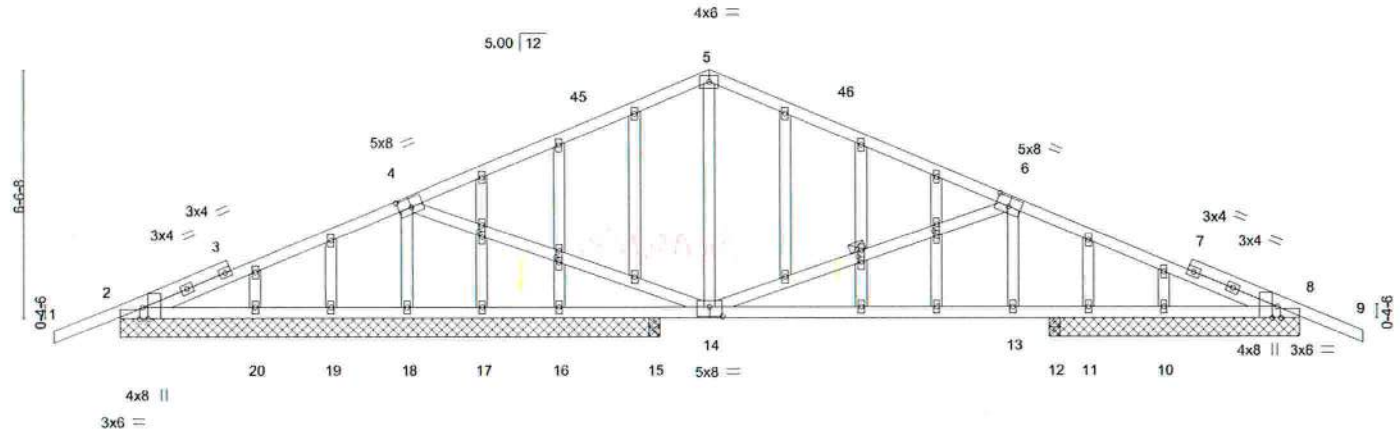
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T11G	GABLE	1	1	T25772001
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:58:24 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-5QTDRNbSnOGDEmy9iWcRS0jcc1qd?6L5_nvP6kyPYZD

-1-8-0	7-7-0	15-7-0	23-7-0	31-2-0	32-10-0
1-8-0	7-7-0	8-0-0	8-0-0	7-7-0	1-8-0

Scale = 1:57.1



7-7-0	13-11-8	15-7-0	23-7-0	24-10-0	31-2-0
7-7-0	6-4-8	1-7-8	8-0-0	1-3-0	6-4-0

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-1-1,Edge], [4:0-4-0,0-3-0], [6:0-4-0,0-3-0], [8:0-1-1,Edge], [8:0-3-8,Edge], [14:0-4-0,0-3-0], [23:0-1-11,0-1-0], [25:0-1-11,0-1-0], [33:0-1-11,0-1-0], [36:0-1-11,0-1-0]

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	0.66	Vert(LL)	-0.12	13-14	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.26	13-14	>490	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.01	42	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
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 2-2-0 oc bracing.
WEBS	1 Row at midpt 6-14

REACTIONS. All bearings 14-3-0 except (jt=length) 8=6-7-8, 11=6-7-8, 10=6-7-8, 15=0-3-8, 12=0-3-8, 8=6-7-8.
(lb) - Max Horz 2=-102(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 19, 20, 10, 15 except 18=-284(LC 12), 8=-117(LC 13), 11=-633(LC 1), 12=-273(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 17, 19, 20, 11, 15, 2 except 18=964(LC 1), 8=450(LC 1), 10=297(LC 1), 12=937(LC 1), 8=450(LC 1)

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

TOP CHORD	2-4=-98/304, 4-5=-534/156, 5-6=-534/157, 6-8=-694/138
BOT CHORD	13-14=-55/612, 12-13=-52/606, 11-12=-52/606, 10-11=-52/606, 8-10=-52/606
WEBS	6-14=-269/133, 6-13=-286/167, 4-14=-67/641, 4-18=-916/291

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-2, Interior(1) 1-4-2 to 15-7-0, Exterior(2R) 15-7-0 to 18-8-6, Interior(1) 18-8-6 to 32-10-0 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 studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 16, 19, 20, 10, 15, 2 except (jt=lb) 18=284, 8=117, 11=633, 12=273, 8=117.

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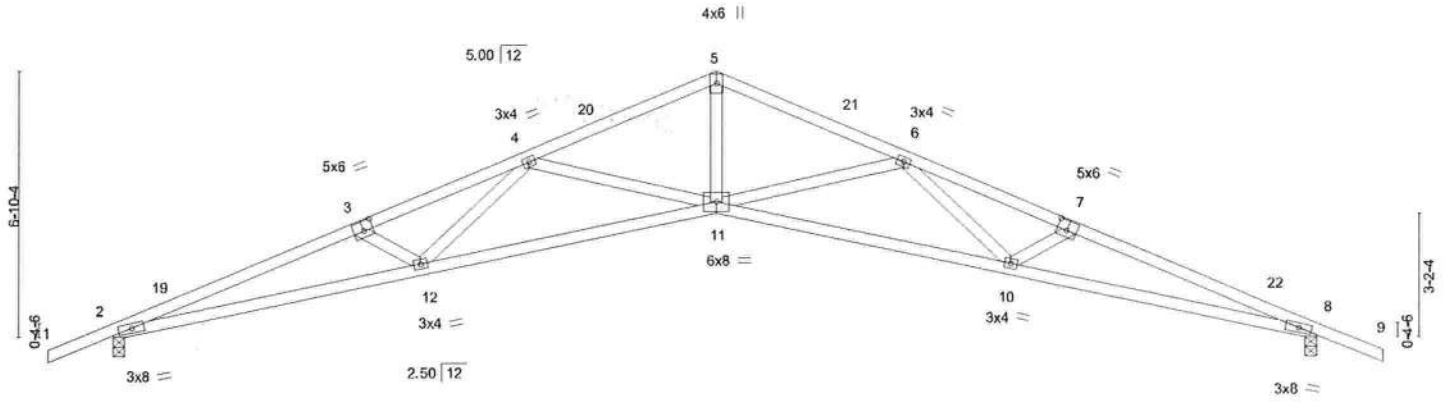
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25772002
2975129	T12	Scissor	2	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:58:36 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DuIQoyPd7?-IkClyUk_z4nWgctTP1pFyYCh3s22pPIsIep1Y2yPYZ1

-1-8-0	6-5-0	10-8-10	15-7-0	20-5-6	24-9-0	31-2-0	32-10-0
1-8-0	6-5-0	4-3-10	4-10-6	4-10-6	4-3-10	6-5-0	1-8-0

Scale = 1:56.2



7-11-1	15-7-0	23-2-15	31-2-0
7-11-1	7-7-15	7-7-15	7-11-1

Plate Offsets (X,Y)– [3:0-3-0,0-3-0], [7:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.45	11-12	>836	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.88	11-12	>425	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.47	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 139 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 2-4-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-3-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 8=0-3-8
Max Horz 2=-107(LC 13)
Max Uplift 2=-279(LC 12), 8=-279(LC 13)
Max Grav 2=1243(LC 1), 8=1243(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4359/920, 3-4=-4120/854, 4-5=-2963/530, 5-6=-2963/521, 6-7=-4120/750, 7-8=-4359/818
BOT CHORD 2-12=-896/4054, 11-12=-681/3504, 10-11=-543/3504, 8-10=-691/4054
WEBS 5-11=-305/1989, 6-11=-783/318, 6-10=-130/581, 4-11=-783/315, 4-12=-123/581

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-5-6, Interior(1) 1-5-6 to 15-7-0, Exterior(2R) 15-7-0 to 18-8-6, Interior(1) 18-8-6 to 32-10-0 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) Bearing at joint(s) 2, 8 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) 2=279, 8=279.

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Date:
October 27,2021

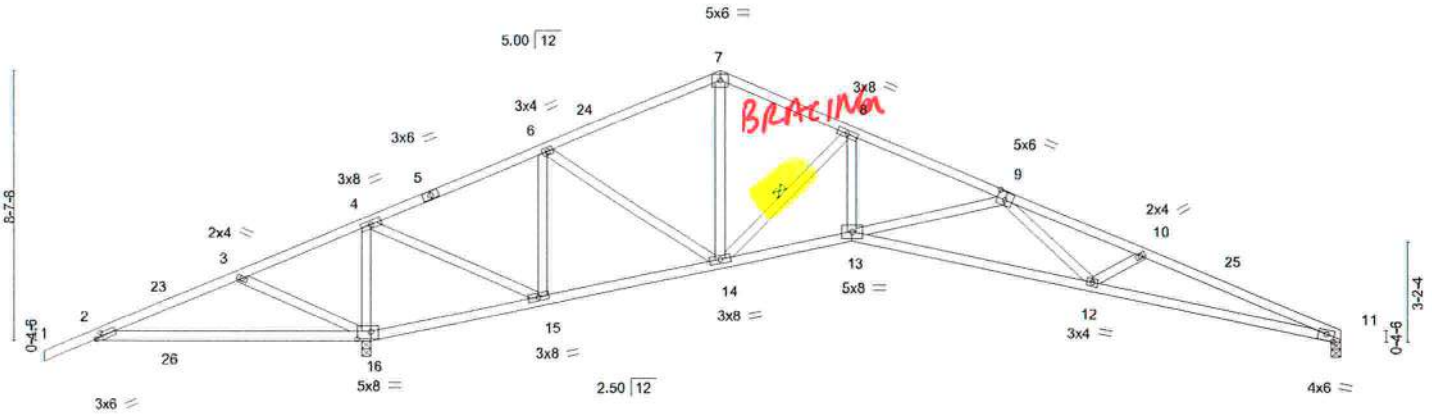
MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25772003
2975129	T13	Roof Special	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:58:47 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-wsMvGFstNSAyUIDaYrWqut9XolgnuPDTHsz7PvyPYYs

-1-8-0	4-7-13	8-9-6	14-3-0	19-9-15	24-0-14	28-11-4	33-2-14	39-7-14
1-8-0	4-7-13	4-1-9	5-5-10	5-6-15	4-2-15	4-10-6	4-3-10	6-5-0

Scale = 1:68.9



8-5-14	8-9-6	14-3-0	19-9-15	24-0-14	31-8-13	39-7-14
8-5-14	0-3-8	5-5-10	5-6-15	4-2-15	7-7-15	7-11-1

Plate Offsets (X,Y)-- [2:0-2-6,0-1-8], [9:0-3-0,0-3-0], [11:0-3-0,Edge], [16:0-5-4,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.32	12-13	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.67	12-13	>551	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.29	11	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 2-6-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 8-14

REACTIONS. (size) 16=0-3-8, 11=0-3-8
Max Horz 16=143(LC 16)
Max Uplift 16=-475(LC 8), 11=-253(LC 13)
Max Grav 16=2003(LC 1), 11=1022(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-722/733, 3-4=-905/1069, 4-6=-589/167, 6-7=-1113/280, 7-8=-1095/272, 8-9=-2325/481, 9-10=-3570/830, 10-11=-3828/914
BOT CHORD 2-16=-617/695, 15-16=-1042/980, 14-15=-20/552, 13-14=-258/2152, 12-13=-567/2939, 11-12=-805/3566
WEBS 3-16=-363/288, 4-16=-1504/491, 4-15=-530/1620, 6-15=-865/385, 6-14=-265/596, 7-14=-131/640, 8-14=-1599/372, 8-13=-214/1350, 9-13=-790/310, 9-12=-130/613, 10-12=-262/173

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-3-9, Interior(1) 2-3-9 to 19-9-15, Exterior(2R) 19-9-15 to 24-0-14, Interior(1) 24-0-14 to 39-7-14 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) 11 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) 16=475, 11=253.

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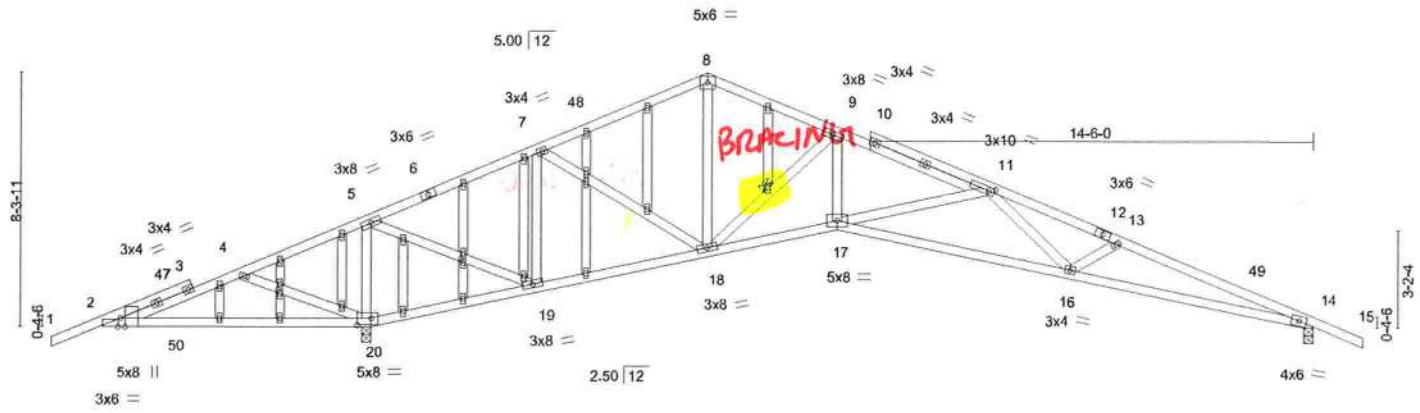
October 27,2021

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25772004
2975129	T13G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:59:04 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-w7uLq34YNhJY1v0r2vJp4SNUE9UDN4qzB?bWWQyPYYb

-1-8-0	4-7-13	8-9-6	14-3-0	19-9-15	24-0-14	28-11-4	33-2-14	39-7-14
1-8-0	4-7-13	4-1-9	5-5-10	5-6-15	4-2-15	4-10-6	4-3-10	6-5-0

Scale = 1:71.2



8-5-14	8-9-6	14-3-0	19-9-15	24-0-14	31-8-13	39-7-14
8-5-14	0-3-8	5-5-10	5-6-15	4-2-15	7-7-15	7-11-1

Plate Offsets (X,Y)-- [2:0-1-1,Edge], [2:0-3-8,Edge], [11:0-2-8,0-1-8], [20:0-5-4,0-2-12], [27:0-1-12,0-1-0], [34:0-1-12,0-1-0]

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	0.48	Vert(LL)	-0.32	16-17	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.67	16-17	>550	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.29	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 249 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-8-9 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 5-5-15 oc bracing.
WEBS	1 Row at midpt 9-18

REACTIONS. (size) 20=0-3-8, 14=0-3-8
Max Horz 20=-128(LC 13)
Max Uplift 20=-475(LC 8), 14=-291(LC 13)
Max Grav 20=2000(LC 1), 14=1114(LC 1)

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

TOP CHORD	2-4=-828/850, 4-5=-1008/1170, 5-7=-626/166, 7-8=-1166/277, 8-9=-1148/269, 9-11=-2489/487, 11-13=-3518/796, 13-14=-3777/878
BOT CHORD	2-20=-739/798, 19-20=-1138/1080, 18-19=-8/587, 17-18=-263/2364, 16-17=-525/2933, 14-16=-748/3513
WEBS	4-20=-317/280, 5-20=-1536/530, 5-19=-583/1722, 7-19=-853/385, 7-18=-277/603, 8-18=-127/681, 9-18=-1757/382, 9-17=-191/1328, 11-17=-569/261, 11-16=-117/594

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; End., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-3-9, Interior(1) 2-3-9 to 19-9-15, Exterior(2R) 19-9-15 to 24-0-14, Interior(1) 24-0-14 to 41-3-14 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 20=475, 14=291.

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date:
October 27,2021

MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T14	Roof Special	1	1	T25772005
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:59:19 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-_0l0_BFyqICQKDfjQZ5KBdUxsCbgOoZBdqkpY2yPYYM

-1-8-0	4-7-13	8-9-6	14-3-10	19-9-15	24-0-14	30-11-1	36-2-9	39-7-14
1-8-0	4-7-13	4-1-9	5-6-5	5-6-5	4-2-15	6-10-3	5-3-8	3-5-5

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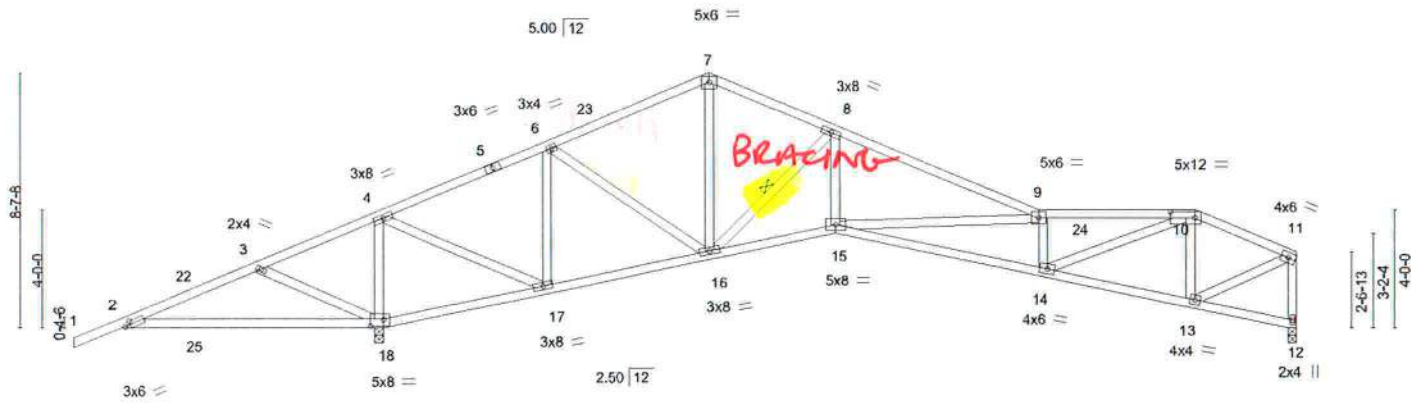

8-5-14	8-9-6	14-3-10	19-9-15	24-0-14	30-11-1	36-2-9	39-7-14
8-5-14	0-3-8	5-6-5	5-6-5	4-2-15	6-10-3	5-3-8	3-5-5

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.90	Vert(LL)	-0.24	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.51	14-15	>722	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.97	Horz(CT)	0.22	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 217 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP 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 5-8-5 oc bracing.
WEBS 1 Row at midpt 8-16

REACTIONS. (size) 18=0-3-8, 12=0-3-8
Max Horz 18=188(LC 12)
Max Uplift 18=-469(LC 8), 12=-255(LC 13)
Max Grav 18=1998(LC 1), 12=1016(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-722/733, 3-4=-905/1068, 4-6=-590/184, 6-7=-1102/303, 7-8=-1093/300, 8-9=-2345/545, 9-10=-3046/758, 10-11=-1147/296, 11-12=-992/265
BOT CHORD 2-18=-617/695, 17-18=-1041/926, 16-17=-74/554, 15-16=-411/2159, 14-15=-756/3209, 13-14=-244/1034
WEBS 3-18=-362/288, 4-18=-1499/502, 4-17=-546/1619, 6-17=-858/392, 6-16=-270/581, 7-16=-166/662, 8-16=-1626/444, 8-15=-232/1277, 9-15=-1025/336, 9-14=-1114/334, 10-14=-507/2190, 10-13=-596/183, 11-13=-267/1127

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-3-9, Interior(1) 2-3-9 to 19-9-15, Exterior(2R) 19-9-15 to 24-0-14, Interior(1) 24-0-14 to 36-2-9, Exterior(2E) 36-2-9 to 39-6-2 zone; cantilever left exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 12 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) 18=469, 12=255.

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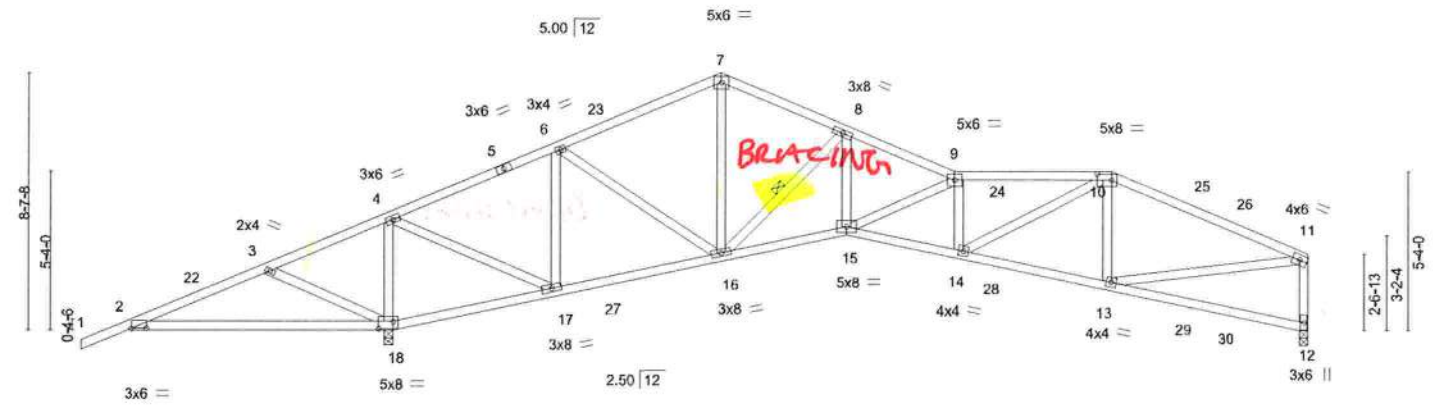
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T15	Roof Special	1	1	T25772006
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:59:35 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DuIQoyPd7?-W5G3LfS_3CD9FguoMwN5r?9kge8Z843XJJcf67yPYY6

-1-8-0	4-7-13	8-9-6	14-3-0	19-9-15	24-0-14	27-8-11	33-0-3	39-7-14
1-8-0	4-7-13	4-1-9	5-5-10	5-6-15	4-2-15	3-7-13	5-3-8	6-7-11

Scale = 1:73.1



8-5-14	8-9-6	14-3-0	19-9-15	24-0-14	27-8-11	33-0-3	39-7-14
8-5-14	0-3-8	5-5-10	5-6-15	4-2-15	3-7-13	5-3-8	6-7-11

Plate Offsets (X,Y)-- [2:0-6-4,0-0-4], [10:0-5-12,0-2-8], [18:0-5-12,0-3-0]

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	0.66	Vert(LL)	0.21	14-15	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.34	14-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.18	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 219 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 3-1-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-4-13 oc bracing.
WEBS 1 Row at midpt 8-16

REACTIONS. (size) 18=0-3-8, 12=0-3-8
Max Horz 18=188(LC 12)
Max Uplift 18=-555(LC 8), 12=-349(LC 8)
Max Grav 18=1998(LC 1), 12=1016(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-298/733, 3-4=-352/1069, 4-6=-582/664, 6-7=-1105/909, 7-8=-1084/923, 8-9=-2262/1647, 9-10=-2583/1889, 10-11=-1607/1119, 11-12=-966/640
BOT CHORD 2-18=-617/344, 17-18=-1041/423, 16-17=-509/547, 15-16=-1357/2107, 14-15=-1787/2688, 13-14=-934/1442
WEBS 3-18=-363/156, 4-18=-1499/771, 4-17=-839/1613, 6-17=-863/364, 6-16=-254/595, 7-16=-580/627, 8-16=-1552/1010, 8-15=-921/1331, 9-15=-637/471, 9-14=-784/505, 10-14=-937/1323, 10-13=-345/152, 11-13=-946/1371

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-3-9, Interior(1) 2-3-9 to 19-9-15, Exterior(2R) 19-9-15 to 24-0-14, Interior(1) 24-0-14 to 33-0-3, Exterior(2R) 33-0-3 to 36-11-12, Interior(1) 36-11-12 to 39-6-2 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 12 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) 18=555, 12=349.

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October 27,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T16	Roof Special	1	1	T25772007
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:59:46 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-hCQDeQauUbcb3MDwVk4gnJ6dv4q5D5K9rXmk__yPYXx

-1-8-0	4-7-13	8-9-6	14-3-0	19-9-15	24-6-4	29-9-12	34-8-0	39-4-6	44-11-6	46-7-6
1-8-0	4-7-13	4-1-9	5-5-10	5-6-15	4-8-5	5-3-8	4-10-4	4-8-6	5-7-0	1-8-0

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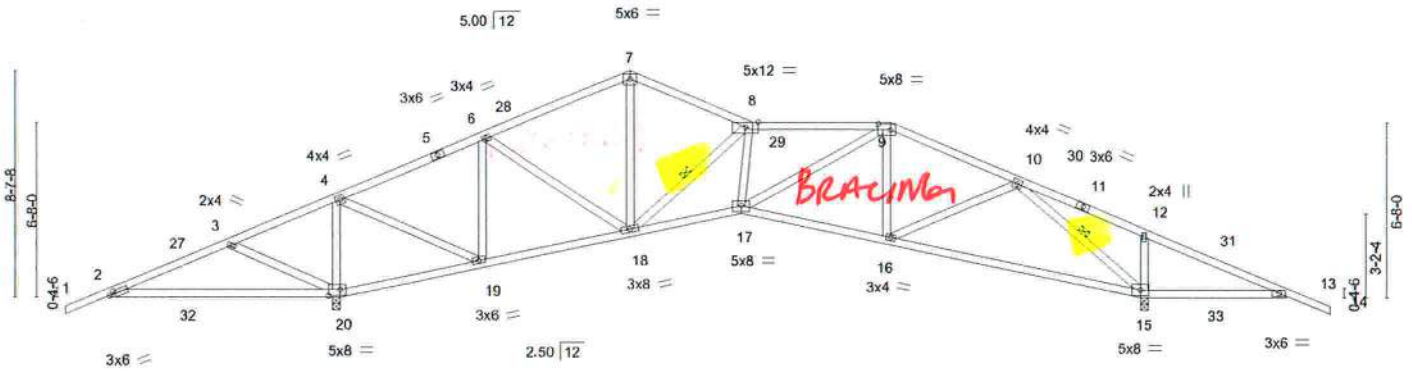


8-5-14	8-9-6	14-3-0	19-9-15	24-0-14	29-9-12	39-4-6	39-7-14	44-11-6
8-5-14	0-3-8	5-5-10	5-6-15	4-2-15	5-8-14	9-6-10	0-3-8	5-3-8

Plate Offsets (X,Y)-- [2:0-2-6,0-1-8], [9:0-5-12,0-2-8], [20:0-5-4,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.26	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.53	15-16	>699	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.13	15	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 239 lb	FT = 20%

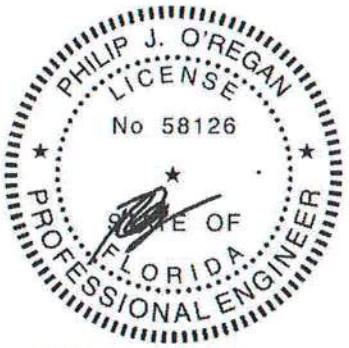
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-8-6 oc bracing.
WEBS 1 Row at midpt 8-18, 10-15

REACTIONS. (size) 20=0-3-8, 15=0-3-8
Max Horz 20=-133(LC 17)
Max Uplift 20=-460(LC 8), 15=-414(LC 13)
Max Grav 20=1936(LC 1), 15=1570(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-729/733, 3-4=-915/1069, 4-6=-507/137, 6-7=-984/231, 7-8=-967/218, 8-9=-1896/382, 9-10=-1371/298, 10-12=-617/726, 12-13=-685/724
BOT CHORD 2-20=-617/701, 19-20=-1039/1016, 18-19=-0/561, 17-18=-147/1989, 16-17=-67/1242, 15-16=-63/759, 13-15=-611/691
WEBS 3-20=-363/290, 4-20=-1438/452, 4-19=-481/1535, 6-19=-816/355, 6-18=-232/545, 7-18=-77/515, 8-18=-1448/289, 8-17=0/385, 9-17=-97/783, 10-16=-113/545, 10-15=-1841/501, 12-15=-302/165

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-9-15, Interior(1) 2-9-15 to 19-9-15, Exterior(2E) 19-9-15 to 24-6-4, Interior(1) 24-6-4 to 29-9-12, Exterior(2R) 29-9-12 to 34-3-11, Interior(1) 34-3-11 to 46-7-6 zone; cantilever 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) 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) 20=460, 15=414.



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Date:
October 27,2021

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T17	Hip	1	1	T25772008
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:59:53 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-_YMs6pgHqkUbPRGGQiiJZouqwvEZMFgBS7zck4yPYXq

1-8-0	4-7-13	8-9-6	13-6-11	18-4-0	22-5-11	26-7-6	32-11-0	39-4-6	44-11-6	46-7-6
1-8-0	4-7-13	4-1-9	4-9-5	4-9-5	4-1-11	4-1-11	6-3-10	6-5-6	5-7-0	1-8-0

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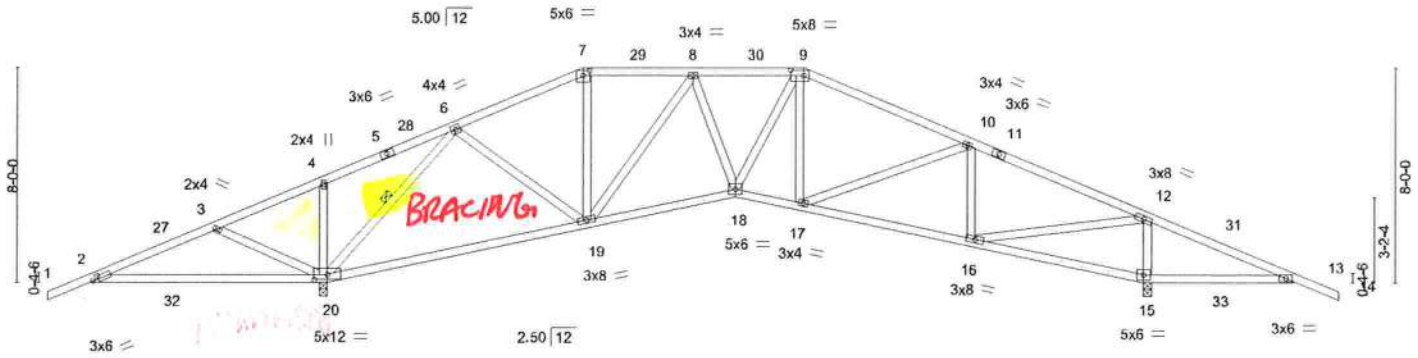

8-5-14	8-9-6	18-4-0	24-0-14	26-7-6	32-11-0	39-4-6	39-7-14	44-11-6
8-5-14	0-3-8	9-6-10	5-8-14	2-6-8	6-3-10	6-5-6	0-3-8	5-3-8

Plate Offsets (X,Y)– [2:0-2-6,0-1-8], [7:0-3-0,0-2-4], [9:0-5-12,0-2-8], [20:0-6-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.23	19-20	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.78	Vert(CT)	-0.48	19-20	>770	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.09	15	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 242 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-20

REACTIONS. (size) 20=0-3-8, 15=0-3-8
Max Horz 20=-124(LC 13)
Max Uplift 20=-518(LC 8), 15=-401(LC 13)
Max Grav 20=1936(LC 1), 15=1581(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-733/729, 3-4=-927/1062, 4-6=-889/1084, 6-7=-926/192, 7-8=-846/191, 8-9=-1342/243, 9-10=-1389/258, 10-12=-1217/237, 12-13=-672/724
BOT CHORD 2-20=-615/704, 19-20=-9/565, 18-19=-70/1261, 17-18=-33/1240, 16-17=-70/1095, 15-16=-717/724, 13-15=-607/678
WEBS 3-20=-359/299, 6-20=-1863/656, 6-19=-215/700, 8-19=-670/145, 8-18=-27/335, 9-18=-47/274, 10-16=-492/192, 12-16=-389/1768, 12-15=-1308/388

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; End., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-9-15, Interior(1) 2-9-15 to 18-4-0, Exterior(2R) 18-4-0 to 24-8-4, Interior(1) 24-8-4 to 26-7-6, Exterior(2R) 26-7-6 to 32-11-0, Interior(1) 32-11-0 to 46-7-6 zone; cantilever 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) 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) 20=518, 15=401.

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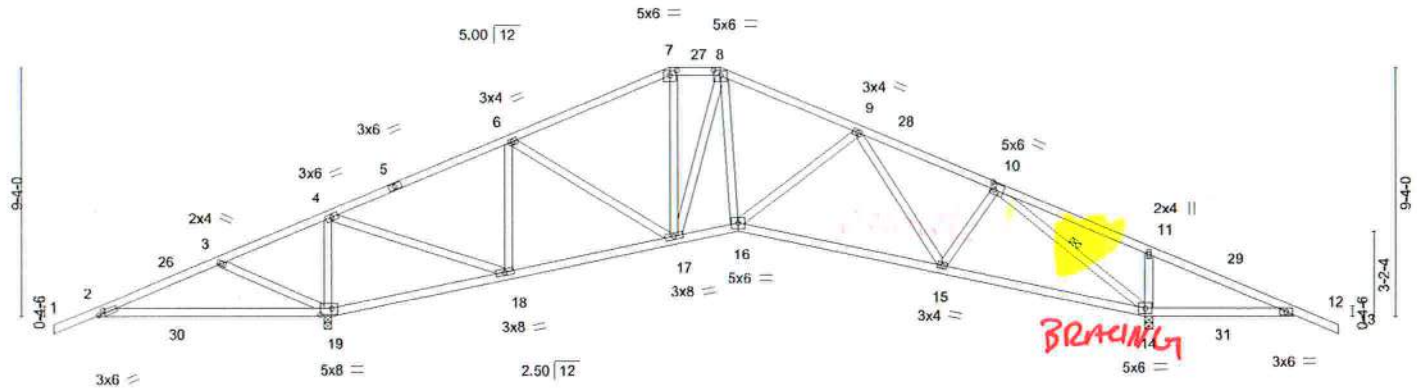
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25772009
2975129	T18	Hip	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 11:59:59 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-pij7Nsk2QaFI7MjPmypjp38rkJJamzu3q2QwxkyPYXk

1-8-0	4-7-13	8-9-6	15-5-5	21-6-6	23-5-0	28-6-10	33-8-13	39-4-6	44-11-6	46-7-6
1-8-0	4-7-13	4-1-9	6-7-15	6-1-1	1-10-9	5-1-10	5-2-3	5-7-9	5-7-0	1-8-0

Scale = 1:81.3



8-5-14	8-9-6	15-5-5	21-6-6	24-0-14	31-8-12	39-4-6	39-7-14	44-11-6
8-5-14	0-3-8	6-7-15	6-1-1	2-6-8	7-7-14	7-7-10	0-3-8	5-3-8

Plate Offsets (X,Y)-- [2:0-2-6,0-1-8], [7:0-3-0,0-2-4], [8:0-3-0,0-2-4], [10:0-2-0,0-3-0], [19:0-5-4,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.12	15-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.26	15-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.09	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 248 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 5-0-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-8-10 oc bracing.
WEBS 1 Row at midpt 10-14

REACTIONS. (size) 19=0-3-8, 14=0-3-8
Max Horz 19=-144(LC 13)
Max Uplift 19=-480(LC 8), 14=-395(LC 13)
Max Grav 19=1936(LC 1), 14=1570(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-733/739, 3-4=-914/1058, 4-6=-683/131, 6-7=-1035/200, 7-8=-891/213, 8-9=-1214/215, 9-10=-1227/263, 10-11=-605/735, 11-12=-676/724
BOT CHORD 2-19=-624/705, 18-19=-1025/995, 17-18=-63/592, 16-17=-21/1015, 15-16=-70/1236, 14-15=-55/932, 12-14=-607/682
WEBS 3-19=-339/281, 4-19=-1443/461, 4-18=-517/1643, 6-18=-712/334, 6-17=-187/374, 7-17=-37/253, 8-17=-420/74, 8-16=-67/654, 10-15=-30/366, 10-14=-1991/442, 11-14=-335/183

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 2-9-15, Interior(1) 2-9-15 to 21-6-6, Exterior(2E) 21-6-6 to 23-5-0, Exterior(2R) 23-5-0 to 29-9-4, Interior(1) 29-9-4 to 46-7-6 zone; cantilever 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) 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) 19=480, 14=395.

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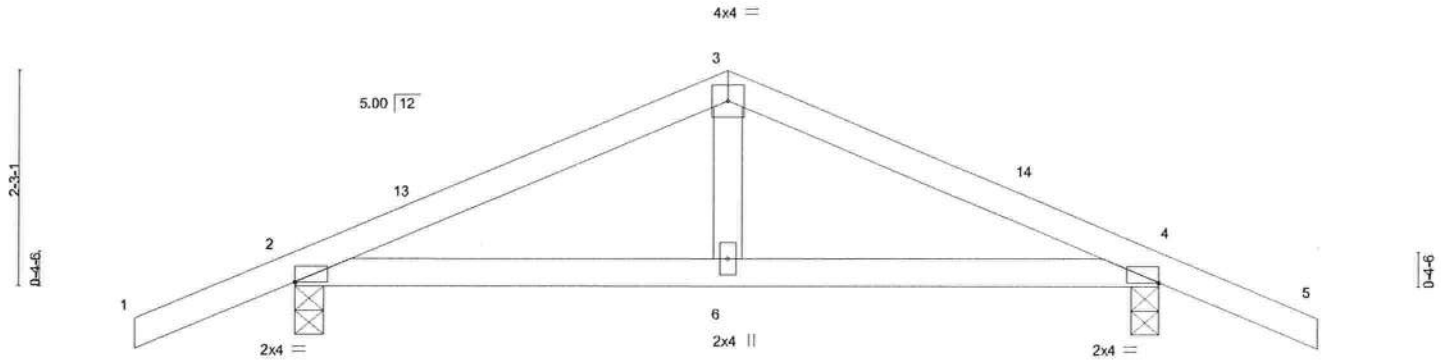
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25772010
2975129	T19	Common	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 12:00:03 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-iTyeDEnYTplAcz1B?otfzvJeGxnkivWflgO84VyPYXg

-1-8-0 / 1-8-0 | 4-6-8 / 4-6-8 | 9-1-0 / 4-6-8 | 10-9-0 / 1-8-0

Scale = 1:22.8



4-6-8 / 4-6-8 | 9-1-0 / 4-6-8

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

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	0.17	Vert(LL)	-0.01	6-12	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	-0.02	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 36 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) 2=0-3-8, 4=0-3-8
Max Horz 2=38(LC 12)
Max Uplift 2=-109(LC 12), 4=-109(LC 13)
Max Grav 2=426(LC 1), 4=426(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-476/222, 3-4=-476/225
BOT CHORD 2-6=-105/402, 4-6=-105/402

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 4-6-8, Exterior(2R) 4-6-8 to 7-6-8, Interior(1) 7-6-8 to 10-9-0 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=109, 4=109.

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T19G	Common Supported Gable	1	1	T25772011
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 12:00:07 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-aFC92bq3X2Fc5bKyEeyb8lUK3YCMek5FgIMMDGyPYXc

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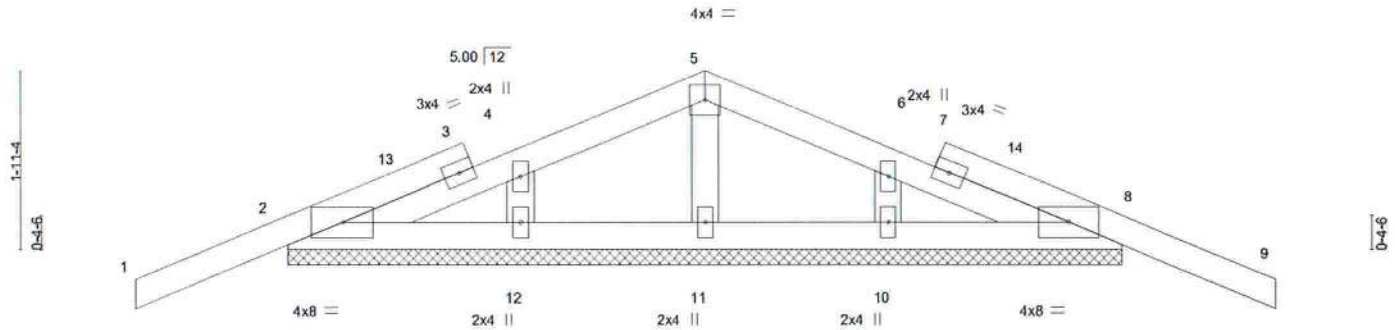
Scale = 1:23.5



9-1-0 / 9-1-0

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	0.18	Vert(LL)	-0.01	9	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.01	9	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 42 lb	FT = 20%

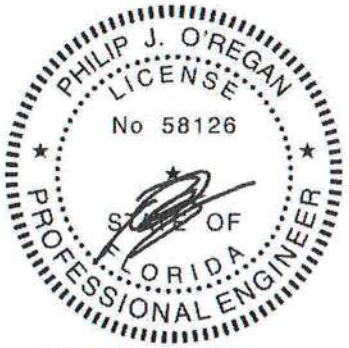
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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 9-1-0.
(lb) - Max Horz 2=34(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8, 11, 12, 10
Max Grav All reactions 250 lb or less at joint(s) 2, 8, 11, 12, 10

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) -1-8-0 to 1-4-0, Exterior(2N) 1-4-0 to 4-6-8, Corner(3R) 4-6-8 to 7-6-8, Exterior(2N) 7-6-8 to 10-9-0 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) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 11, 12, 10.



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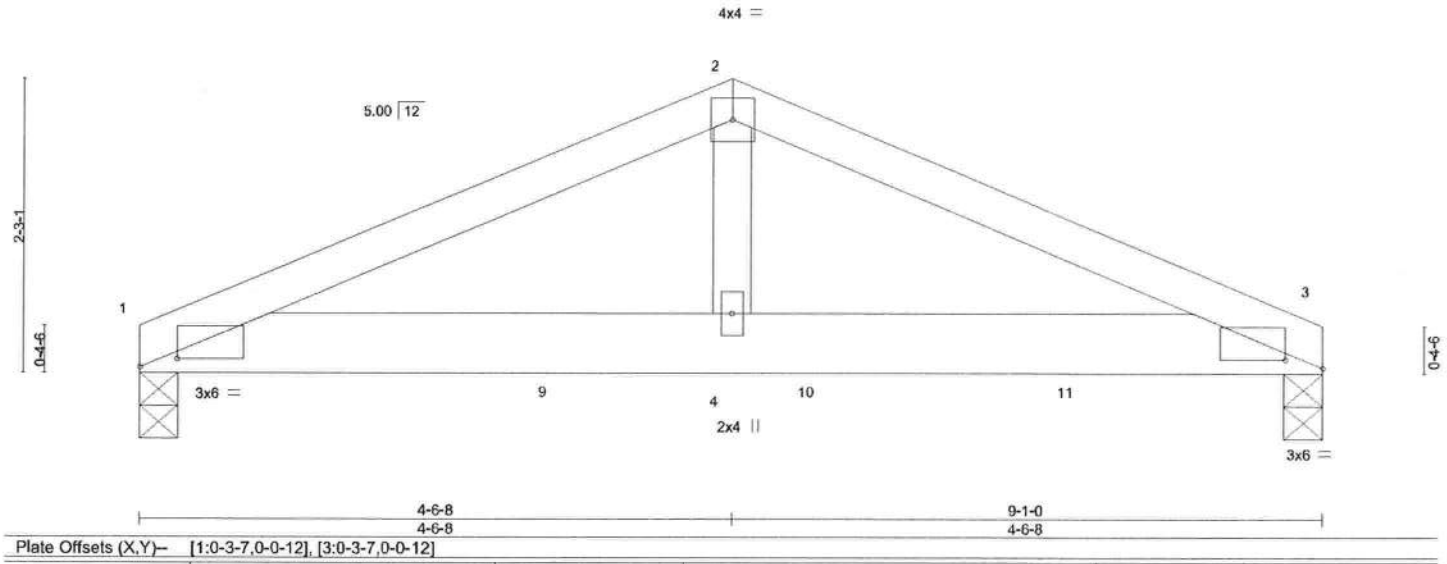
Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T20	Common Girder	1	1	T25772012
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 12:00:15 2021 Page 1
ID:UaeXTPyqXi2QdsDR5DulQoyPd7?-LnhAkKx4eVGT2qxUiJ5TSRph?moVWl_QWYInVoyPYXU

4-6-8 | 9-1-0
4-6-8 | 4-6-8

Scale = 1:16.7



4-6-8 | 9-1-0
4-6-8 | 4-6-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.03	4-8	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.05	4-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 38 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 3=0-3-8
Max Horz 1=-28(LC 9)
Max Uplift 1=-105(LC 8), 3=-100(LC 9)
Max Grav 1=849(LC 1), 3=770(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1346/161, 2-3=-1346/161
BOT CHORD 1-4=-122/1223, 3-4=-122/1223
WEBS 2-4=-48/784

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) 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) 3 except (jt=lb) 1=105.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 237 lb down and 30 lb up at 1-2-10, 237 lb down and 30 lb up at 3-2-10, and 237 lb down and 30 lb up at 5-2-10, and 237 lb down and 30 lb up at 7-2-10 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: 1-2=-54, 2-3=-54, 1-3=-20
Concentrated Loads (lb)
Vert: 6=-237(B) 9=-237(B) 10=-237(B) 11=-237(B)

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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES.
2975129	T21	Common	3	1	T25772013
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 12:00:19 2021 Page 1
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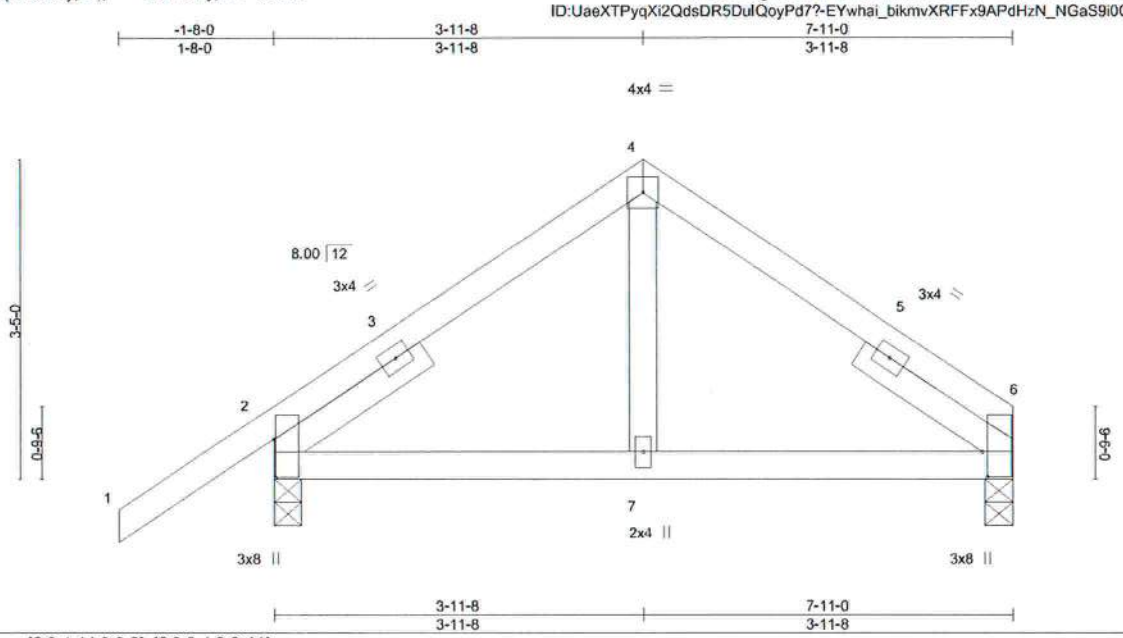


Plate Offsets (X,Y)-- [2:0-4-14,0-0-3], [6:0-3-4,0-0-11]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.01	7-10	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.01	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 39 lb	FT = 20%

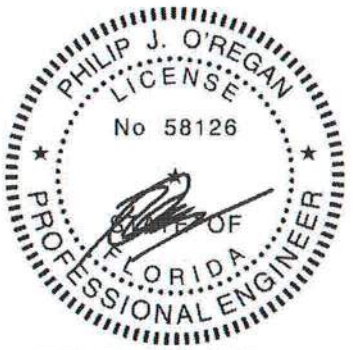
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Left 2x4 SP No.3 1-11-8, Right 2x4 SP No.3 1-11-8

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) 6=0-3-8, 2=0-3-8
Max Horz 2=74(LC 9)
Max Uplift 6=-54(LC 13), 2=-95(LC 12)
Max Grav 6=283(LC 1), 2=392(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-235/358, 4-6=-235/354
WEBS 4-7=-254/157

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Exterior(2E) -1-8-0 to 1-4-0, Interior(1) 1-4-0 to 3-11-8, Exterior(2R) 3-11-8 to 6-11-8, Interior(1) 6-11-8 to 7-11-0 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) 6, 2.



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Job	Truss	Truss Type	Qty	Ply	WOODMAN PARK - SOLER RES. T25772014
2975129	T21G	GABLE	1	1	Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Oct 26 12:00:22 2021 Page 1
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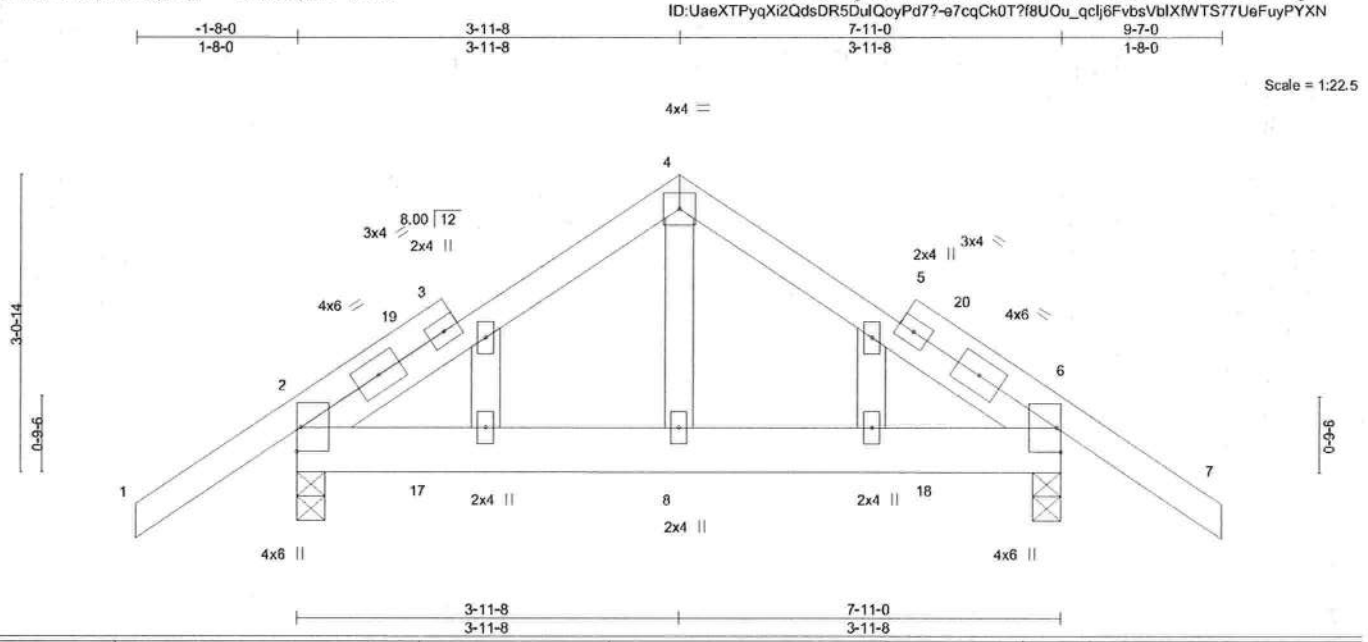

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.29	Vert(LL)	0.01	8-16	>999	240	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	0.01	8-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 51 lb	FT = 20%

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

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

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-75(LC 10)
Max Uplift 2=-97(LC 12), 6=-97(LC 13)
Max Grav 2=380(LC 1), 6=380(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-264/387, 4-6=-264/388
WEBS 4-8=-268/153

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) -1-8-0 to 1-4-0, Exterior(2N) 1-4-0 to 3-11-8, Corner(3R) 3-11-8 to 6-11-8, Exterior(2N) 6-11-8 to 9-7-0 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) 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) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.

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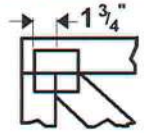
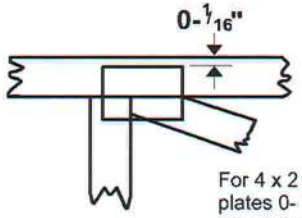
Symbols

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

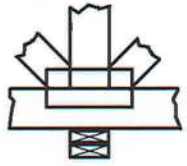
4 x 4

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

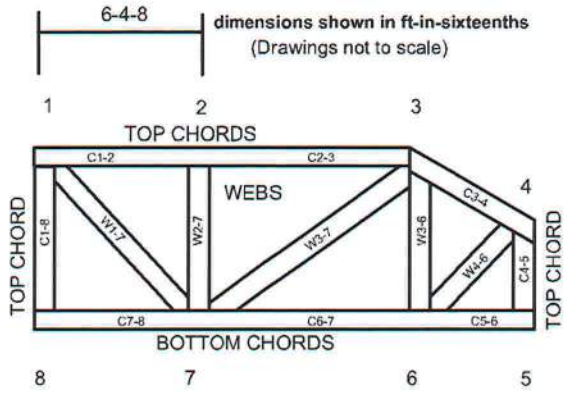


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.